

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081184.D
 Acq On : 26 Feb 2024 10:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:02:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	312082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	581205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	529367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214193	55.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.980%			
35) Dibromofluoromethane	8.165	113	183213	55.747	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.500%			
50) Toluene-d8	10.565	98	581427	49.810	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.847	95	237288	54.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	198384	49.154	ug/l	93
3) Chloromethane	2.365	50	203459	46.106	ug/l	97
4) Vinyl Chloride	2.518	62	210119	46.870	ug/l	96
5) Bromomethane	2.959	94	146224	45.923	ug/l	92
6) Chloroethane	3.124	64	146435	50.529	ug/l	98
7) Trichlorofluoromethane	3.506	101	319822	48.833	ug/l	100
8) Diethyl Ether	3.953	74	141281	59.003	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	185037	50.681	ug/l	90
10) Methyl Iodide	4.589	142	212919	52.246	ug/l	96
11) Tert butyl alcohol	5.506	59	175053	248.838	ug/l	99
12) 1,1-Dichloroethene	4.342	96	172532	48.886	ug/l	94
13) Acrolein	4.177	56	129486	343.419	ug/l	95
14) Allyl chloride	5.018	41	277366	52.967	ug/l #	92
15) Acrylonitrile	5.712	53	522349	284.309	ug/l	98
16) Acetone	4.418	43	336058	223.272	ug/l	100
17) Carbon Disulfide	4.712	76	439461	44.643	ug/l	97
18) Methyl Acetate	5.018	43	237465	64.674	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	699292	57.852	ug/l	94
20) Methylene Chloride	5.277	84	226515	58.328	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	200719	50.975	ug/l	95
22) Diisopropyl ether	6.665	45	695711	58.568	ug/l #	94
23) Vinyl Acetate	6.600	43	2814451	292.024	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	388575	56.574	ug/l	96
25) 2-Butanone	7.482	43	632898	260.279	ug/l	94
26) 2,2-Dichloropropane	7.488	77	337348	52.418	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	247083	54.009	ug/l	87
28) Bromochloromethane	7.812	49	177752	62.424	ug/l #	67
29) Tetrahydrofuran	7.835	42	439187	270.565	ug/l #	87
30) Chloroform	7.965	83	415576	56.915	ug/l	97
31) Cyclohexane	8.259	56	295855	44.793	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	349861	52.611	ug/l	92
36) 1,1-Dichloropropene	8.371	75	274003	48.664	ug/l	96
37) Ethyl Acetate	7.559	43	275394	54.194	ug/l	99
38) Carbon Tetrachloride	8.365	117	291672	51.201	ug/l	97
39) Methylcyclohexane	9.600	83	321728	49.017	ug/l	92
40) Benzene	8.606	78	882524	54.151	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	162028	56.025	ug/l	94
42) 1,2-Dichloroethane	8.671	62	323027	56.811	ug/l	99
43) Isopropyl Acetate	8.688	43	532412	59.906	ug/l	98
44) Trichloroethene	9.353	130	220356	50.764	ug/l	96
45) 1,2-Dichloropropane	9.624	63	233765	57.341	ug/l	99
46) Dibromomethane	9.712	93	166849	56.171	ug/l	91
47) Bromodichloromethane	9.888	83	331305	58.891	ug/l #	97
48) Methyl methacrylate	9.682	41	229915	55.597	ug/l	90
49) 1,4-Dioxane	9.694	88	83613	1102.841	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1444645	282.571	ug/l	95
52) Toluene	10.629	92	553968	53.692	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	370188	59.214	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	392472	58.106	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	229286	57.779	ug/l	93
56) Ethyl methacrylate	10.876	69	361013	59.525	ug/l	86
57) 1,3-Dichloropropane	11.165	76	400171	58.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	832248	273.493	ug/l #	87
59) 2-Hexanone	11.194	43	1048659	258.724	ug/l	94
60) Dibromochloromethane	11.359	129	254295	60.321	ug/l	96
61) 1,2-Dibromoethane	11.470	107	239200	57.321	ug/l	99
64) Tetrachloroethene	11.106	164	198003	54.804	ug/l	93
65) Chlorobenzene	11.894	112	592382	51.704	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	226663	55.081	ug/l	97
67) Ethyl Benzene	11.965	91	1049232	51.178	ug/l	99
68) m/p-Xylenes	12.070	106	795343	101.211	ug/l	97
69) o-Xylene	12.400	106	399704	51.313	ug/l	94
70) Styrene	12.412	104	669017	54.200	ug/l	96
71) Bromoform	12.576	173	162271	62.154	ug/l #	98
73) Isopropylbenzene	12.694	105	1006365	47.347	ug/l	97
74) N-amyl acetate	12.494	43	452716	50.396	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	304821	51.002	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	277045m	50.193	ug/l	
77) Bromobenzene	12.982	156	235197	49.627	ug/l	77
78) n-propylbenzene	13.035	91	1208073	49.373	ug/l	96
79) 2-Chlorotoluene	13.129	91	719156	47.917	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	863911	50.130	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	116104	54.142	ug/l	89
82) 4-Chlorotoluene	13.223	91	718534	48.964	ug/l	94
83) tert-Butylbenzene	13.441	119	723912	48.580	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	879978	51.242	ug/l	96
85) sec-Butylbenzene	13.617	105	1038963	50.153	ug/l	94
86) p-Isopropyltoluene	13.729	119	882308	51.276	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	443843	49.566	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	441471	50.173	ug/l	97
89) n-Butylbenzene	14.059	91	785801	52.419	ug/l	97
90) Hexachloroethane	14.335	117	150653	52.968	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	436469	50.537	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62282	50.122	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	251229	52.141	ug/l	98
94) Hexachlorobutadiene	15.500	225	90827	50.545	ug/l	96
95) Naphthalene	15.641	128	917229	51.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	251663	52.650	ug/l	98

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VSTDCCC050

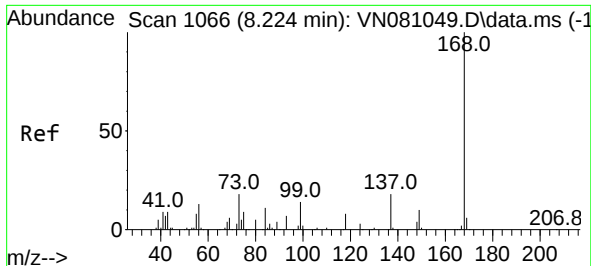
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/27/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

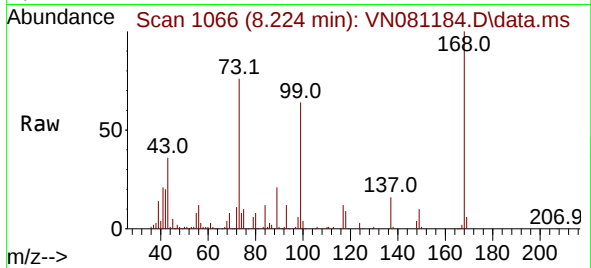
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081184.D
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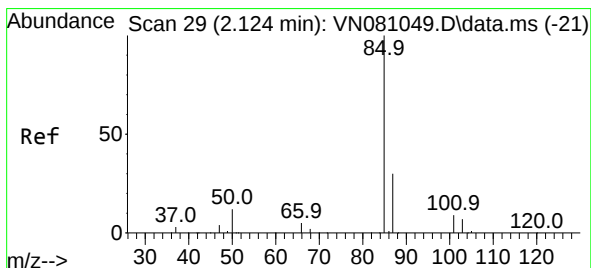
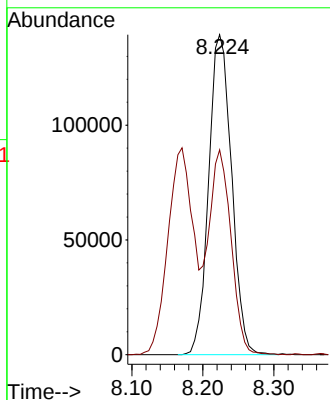
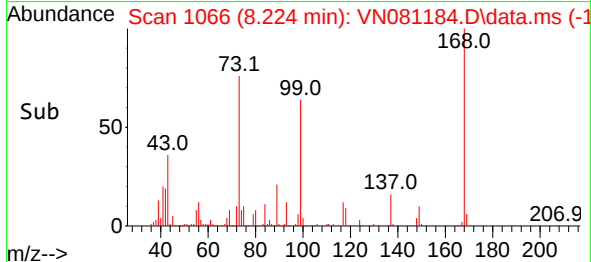
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 31208
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9

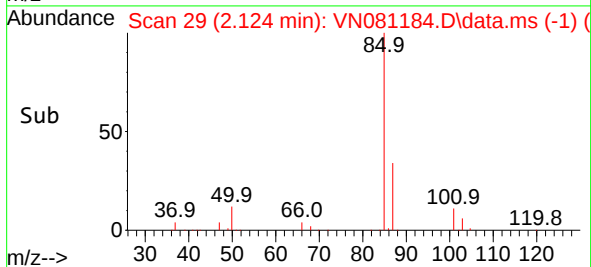
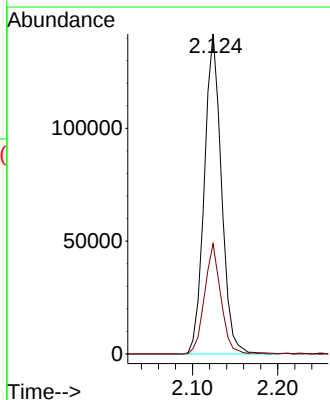
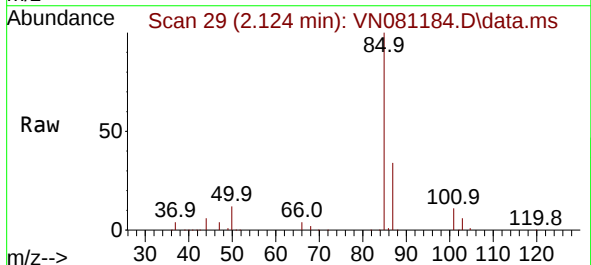
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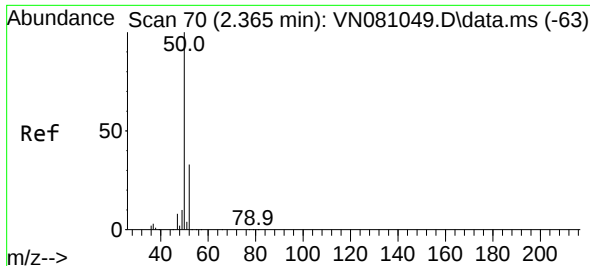
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#2
Dichlorodifluoromethane
Concen: 49.154 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

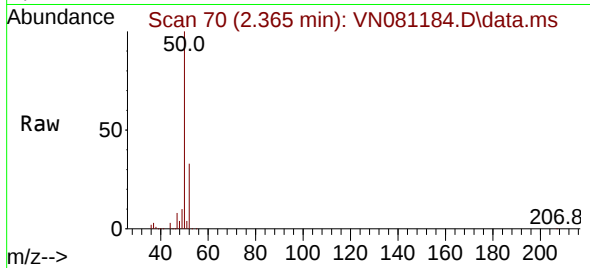
Tgt Ion: 85 Resp: 198384
Ion Ratio Lower Upper
85 100
87 34.5 15.3 45.9





#3
Chloromethane
Concen: 46.106 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

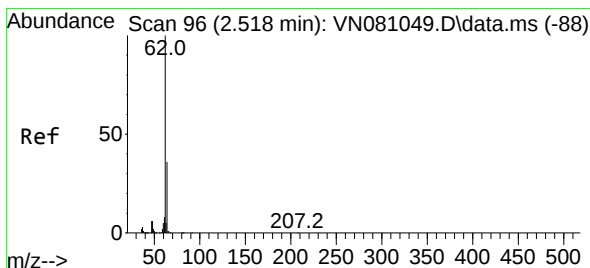
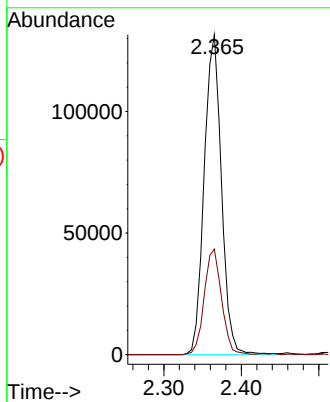
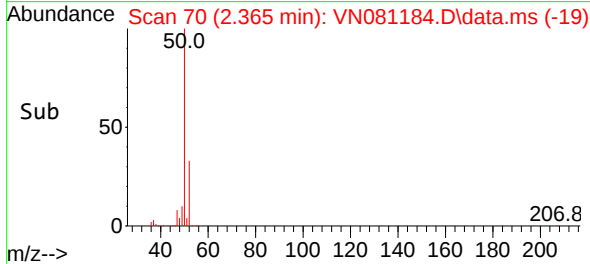
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 20345
Ion Ratio Lower Upper
50 100
52 33.0 25.0 37.4

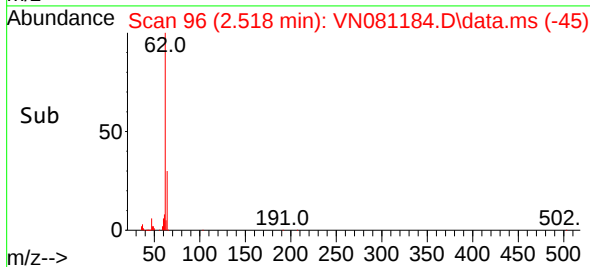
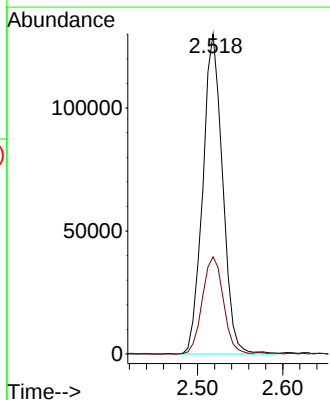
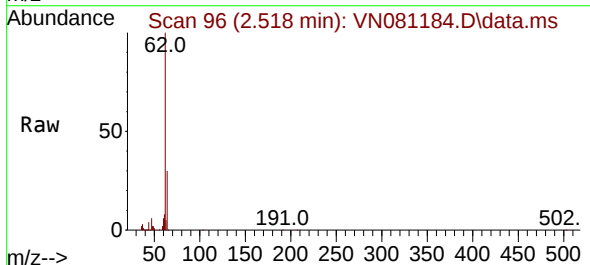
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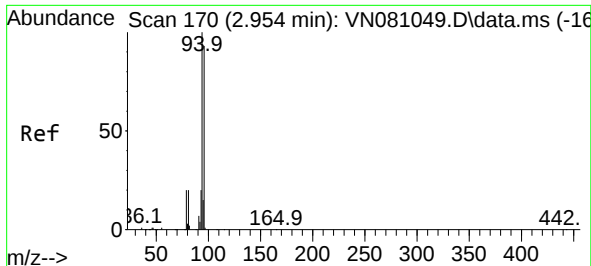
Reviewed By :John Carlone 02/27/2024
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#4
Vinyl Chloride
Concen: 46.870 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

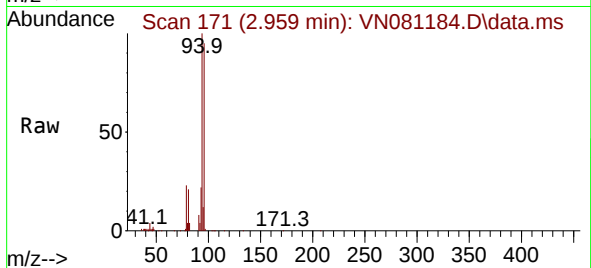
Tgt Ion: 62 Resp: 210119
Ion Ratio Lower Upper
62 100
64 30.3 22.7 34.1





#5
Bromomethane
Concen: 45.923 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

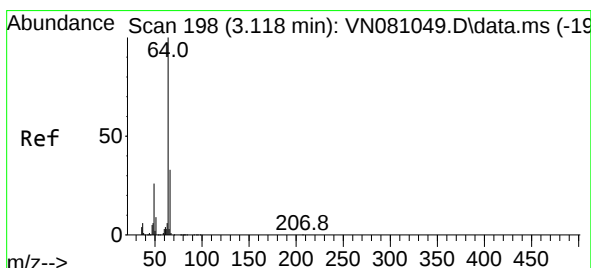
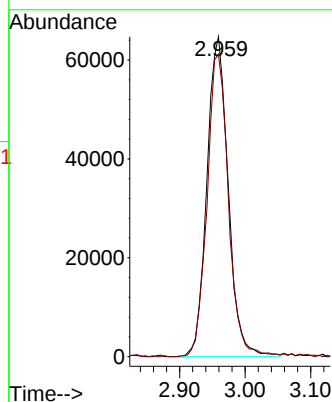
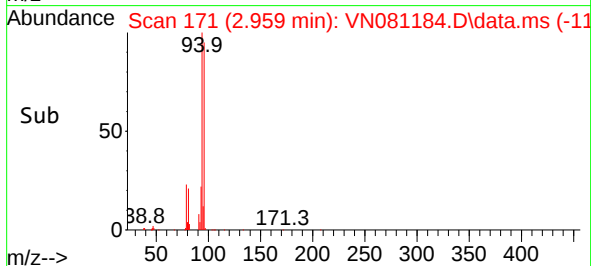
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Tgt Ion: 94 Resp: 146224
Ion Ratio Lower Upper
94 100
96 94.3 69.2 103.8

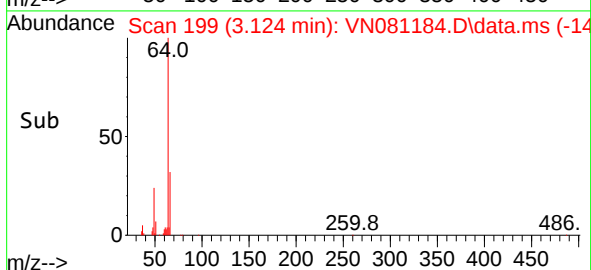
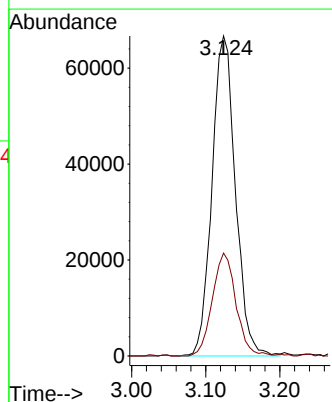
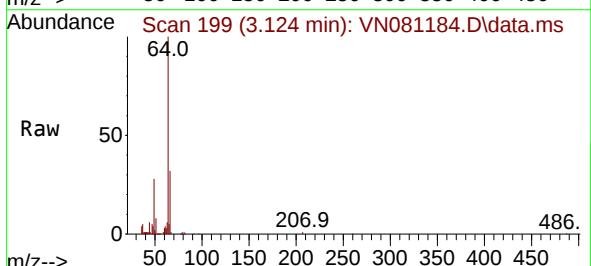
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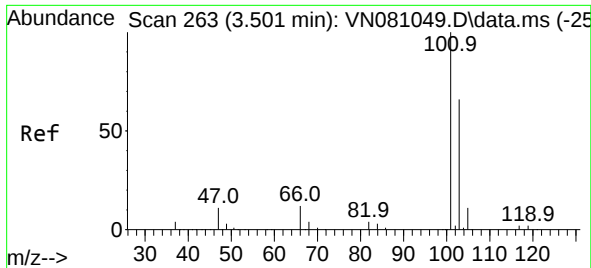
Reviewed By :John Carlone 02/27/2024
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#6
Chloroethane
Concen: 50.529 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081184.D
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Tgt Ion: 64 Resp: 146435
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6





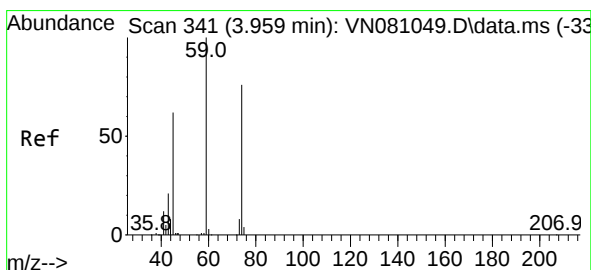
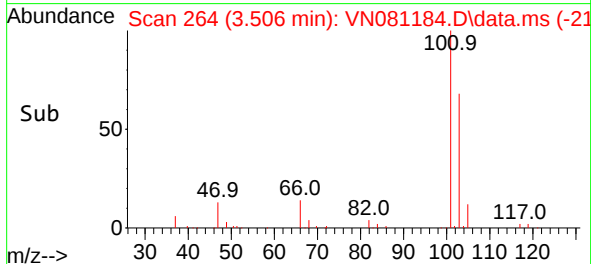
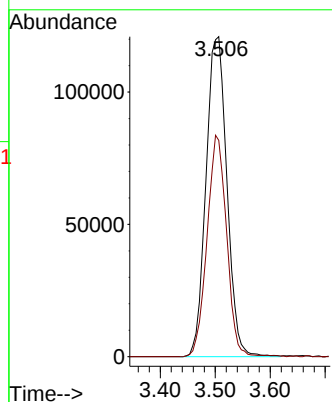
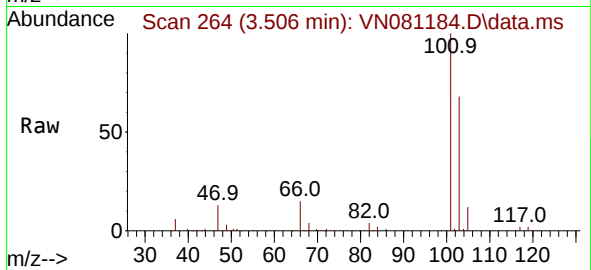
#7
Trichlorofluoromethane
Concen: 48.833 ug/l
RT: 3.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 31982
Ion Ratio Lower Upper
101 100
103 67.6 54.4 81.6

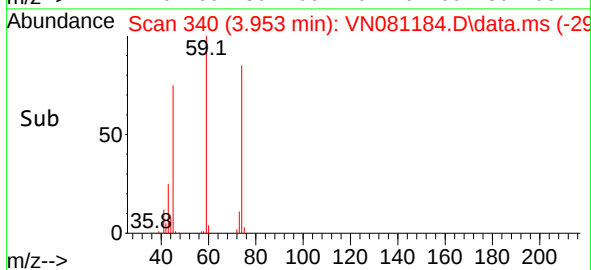
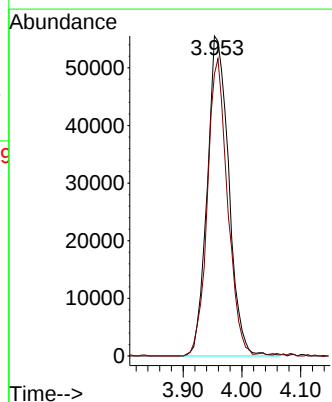
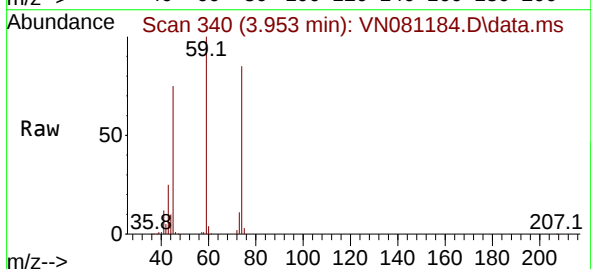
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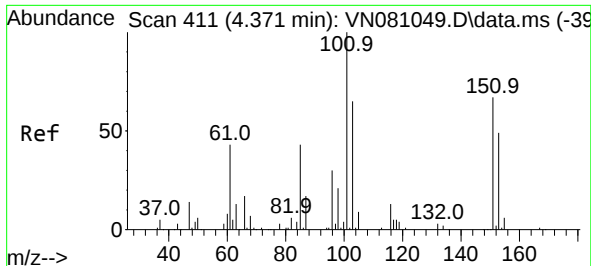
Reviewed By :John Carlone 02/27/2024
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#8
Diethyl Ether
Concen: 59.003 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion: 74 Resp: 141281
Ion Ratio Lower Upper
74 100
45 87.2 53.3 159.9





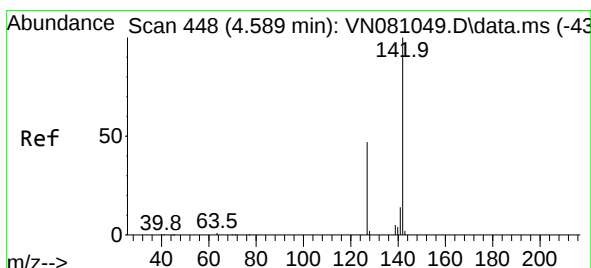
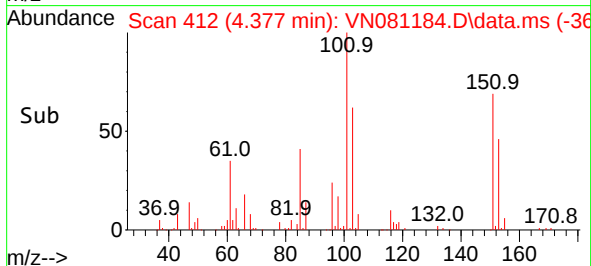
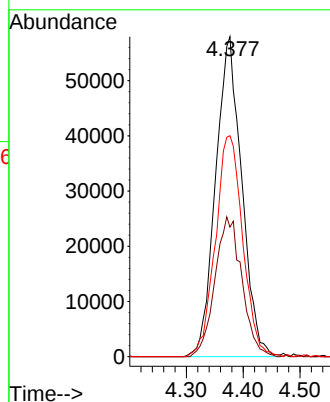
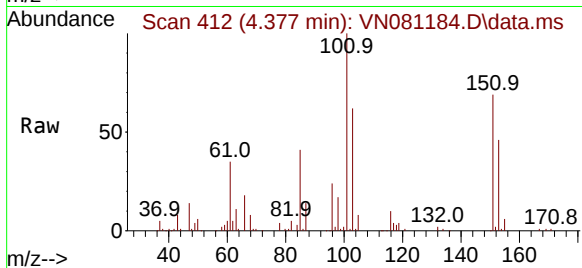
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.681 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 18503
Ion Ratio Lower Upper
101 100
85 45.0 38.1 57.1
151 72.2 49.1 73.7

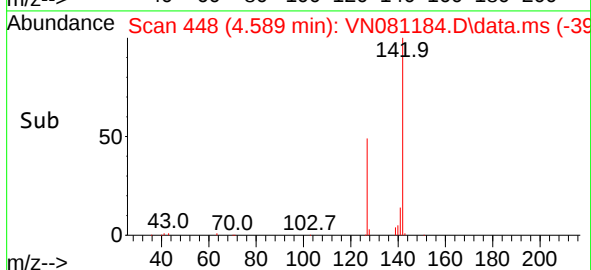
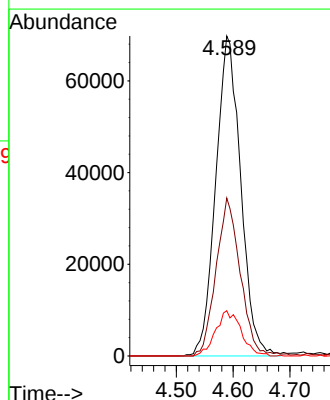
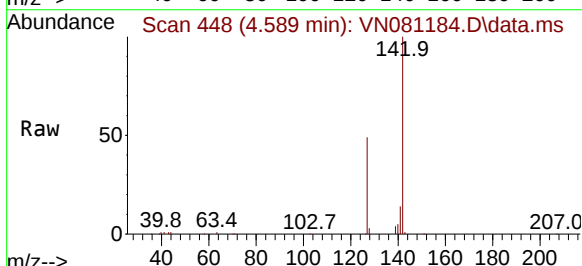
Manual Integrations
APPROVED

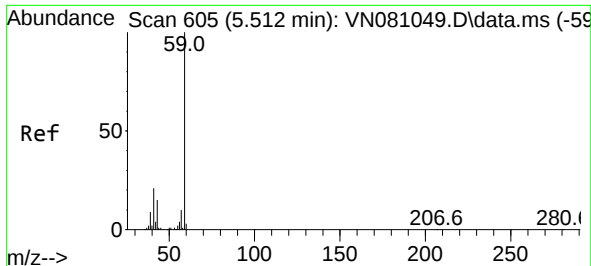
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#10
Methyl Iodide
Concen: 52.246 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

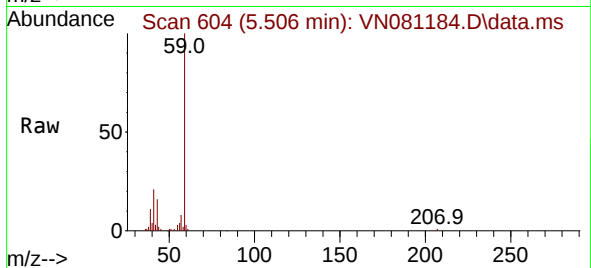
Tgt Ion:142 Resp: 212919
Ion Ratio Lower Upper
142 100
127 49.3 37.0 55.4
141 14.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 248.838 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

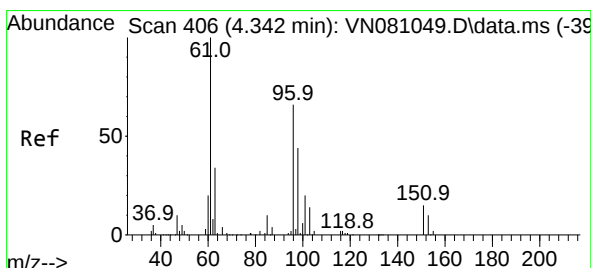
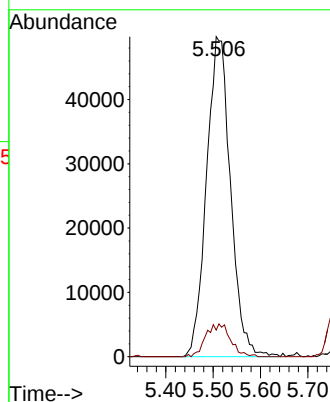
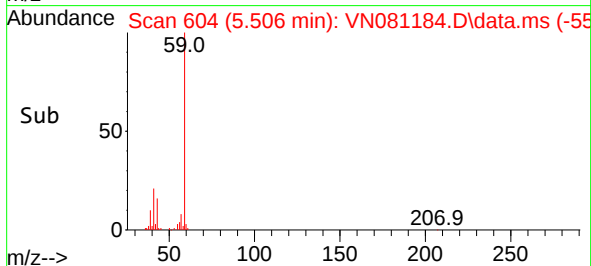
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 17505
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

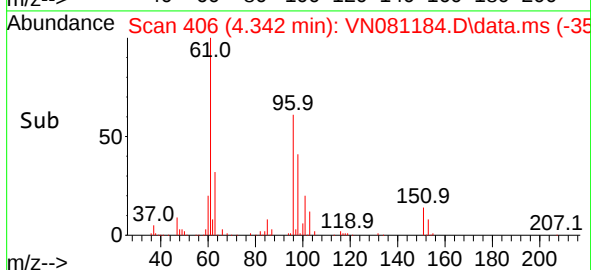
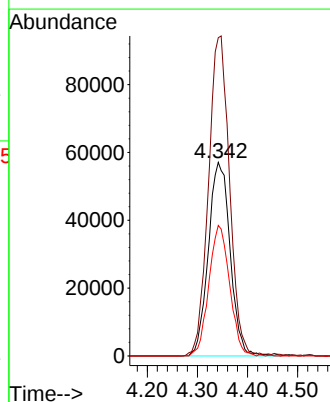
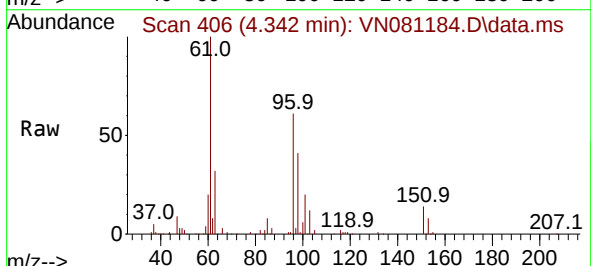
Manual Integrations
APPROVED

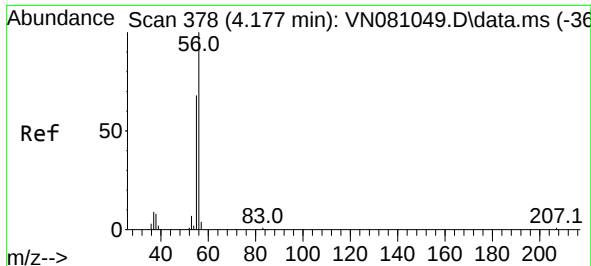
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#12
1,1-Dichloroethene
Concen: 48.886 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

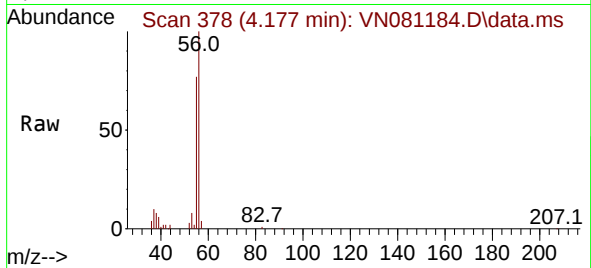
Tgt Ion: 96 Resp: 172532
Ion Ratio Lower Upper
96 100
61 164.4 138.2 207.4
98 67.4 49.2 73.8





#13
Acrolein
Concen: 343.419 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

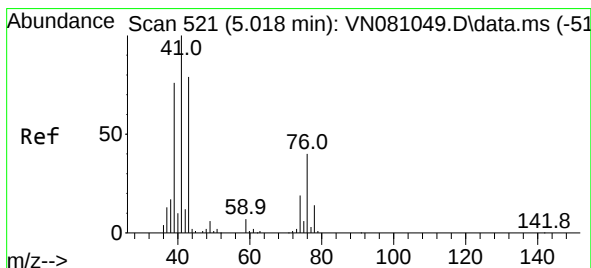
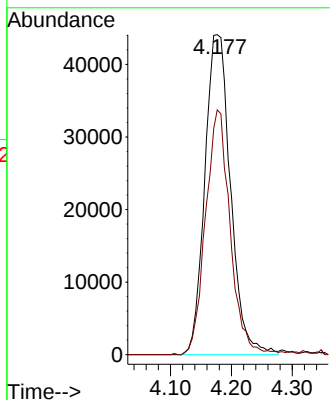
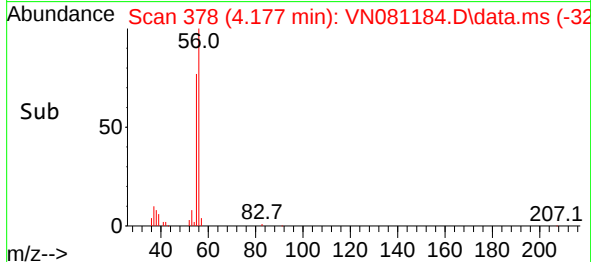
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 129486
Ion Ratio Lower Upper
56 100
55 73.2 55.3 82.9

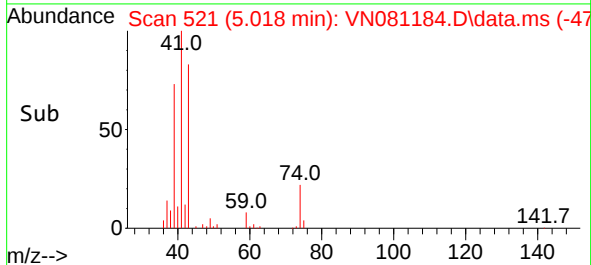
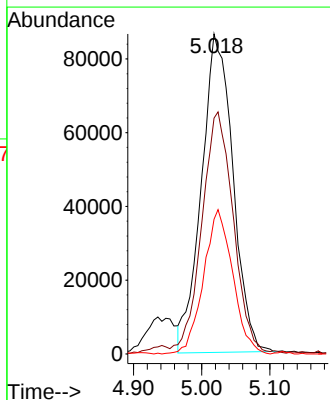
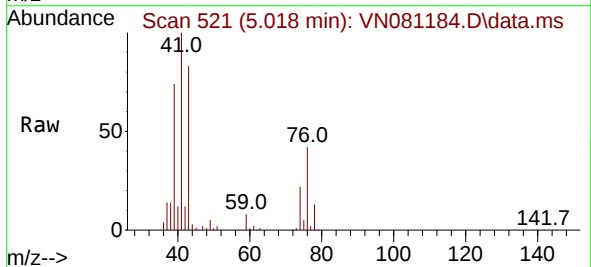
Manual Integrations
APPROVED

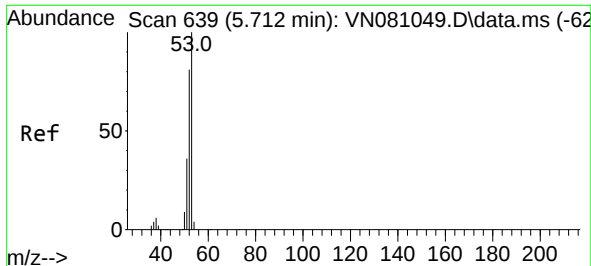
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#14
Allyl chloride
Concen: 52.967 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

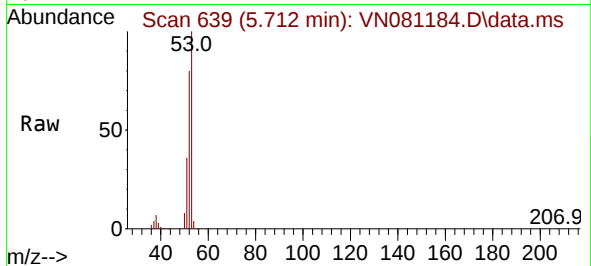
Tgt Ion: 41 Resp: 277366
Ion Ratio Lower Upper
41 100
39 76.1 57.7 86.5
76 42.1 26.8 40.2#





#15
Acrylonitrile
Concen: 284.309 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

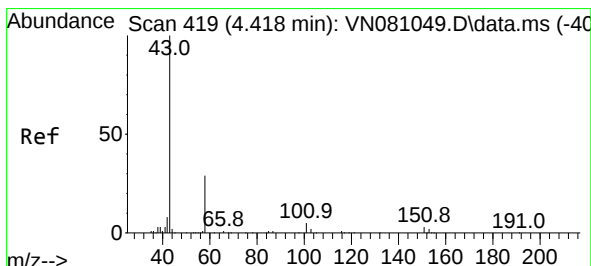
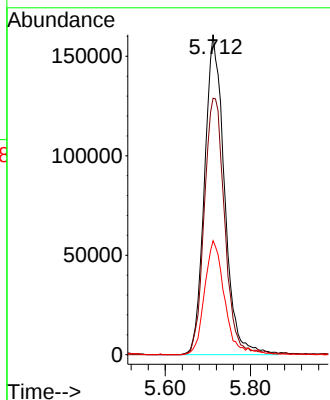
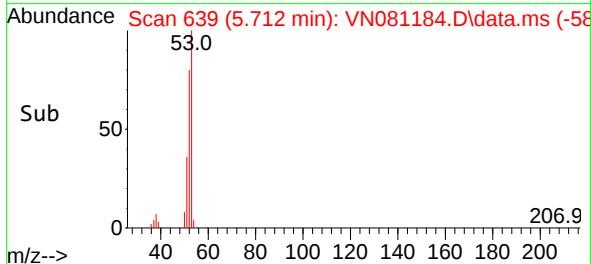
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



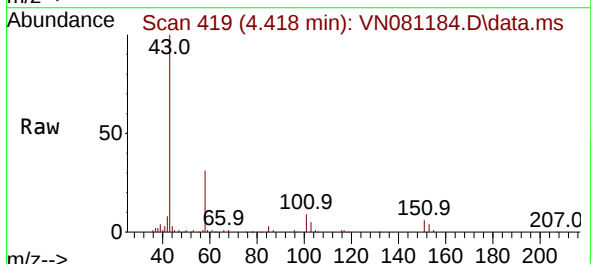
Tgt Ion: 53 Resp: 522349
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 36.1 26.9 40.3

Manual Integrations
APPROVED

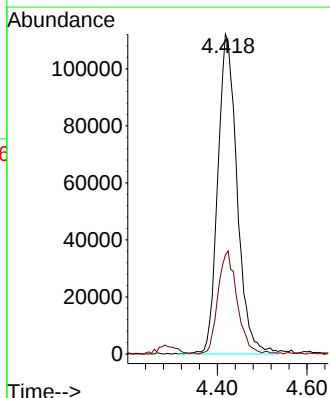
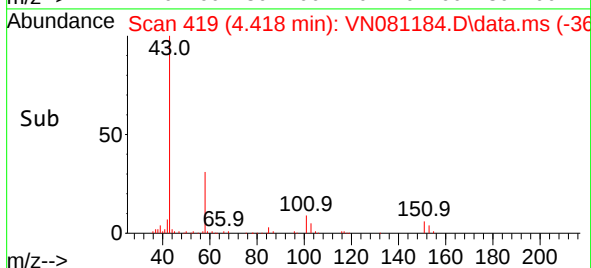
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

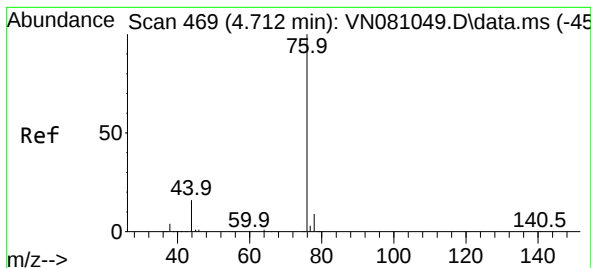


#16
Acetone
Concen: 223.272 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



Tgt Ion: 43 Resp: 336058
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2





#17

Carbon Disulfide

Concen: 44.643 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 43946

Ion Ratio Lower Upper

76 100

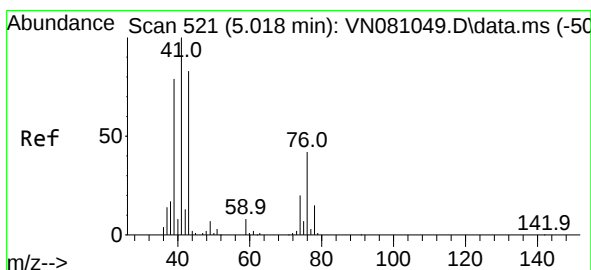
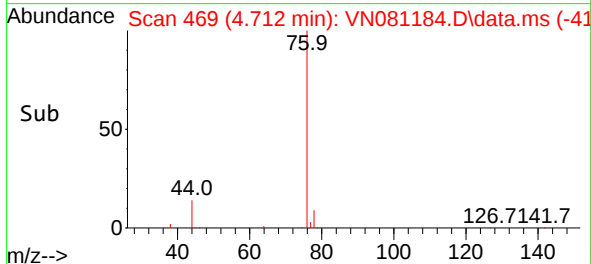
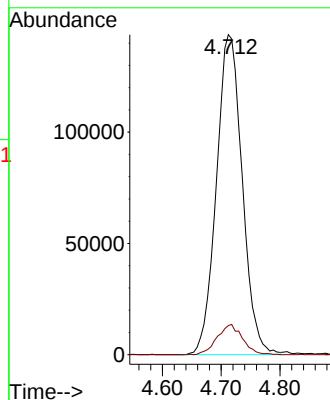
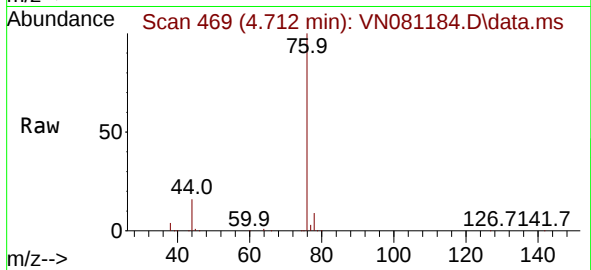
78 9.1 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#18

Methyl Acetate

Concen: 64.674 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081184.D

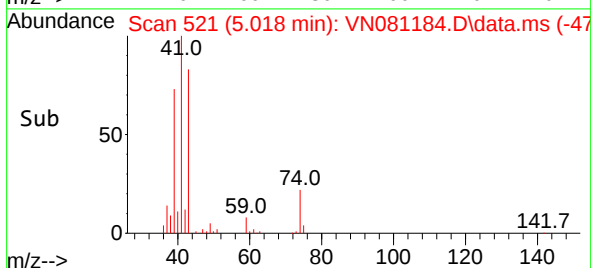
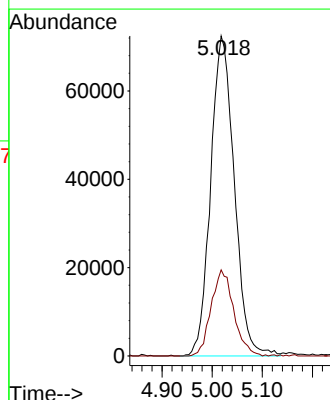
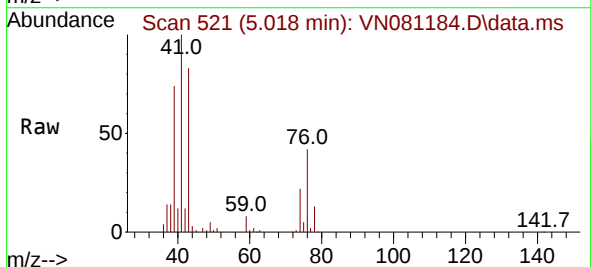
Acq: 26 Feb 2024 10:31

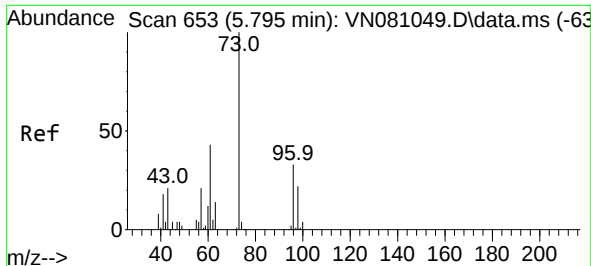
Tgt Ion: 43 Resp: 237465

Ion Ratio Lower Upper

43 100

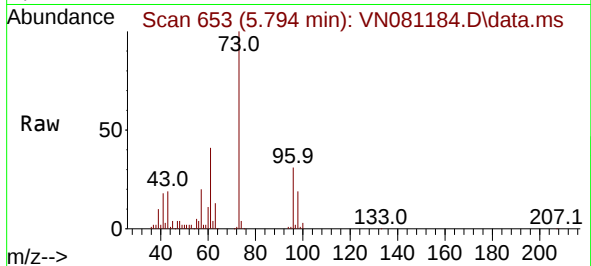
74 25.8 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 57.852 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

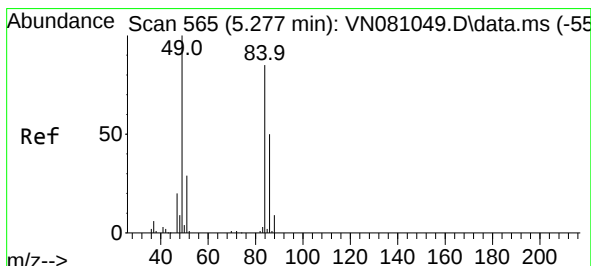
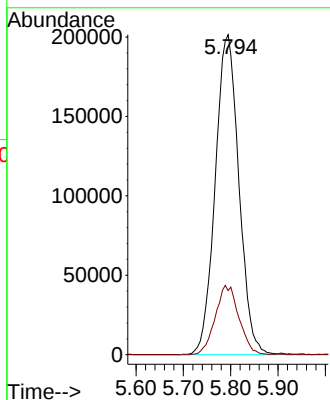
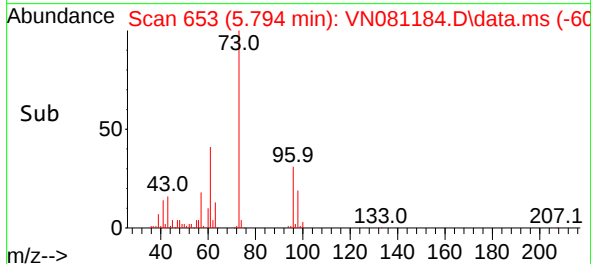
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 699292
Ion Ratio Lower Upper
73 100
57 20.0 18.2 27.4

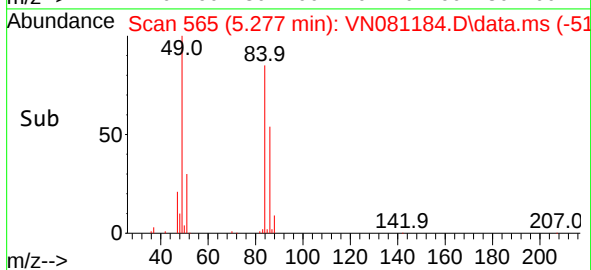
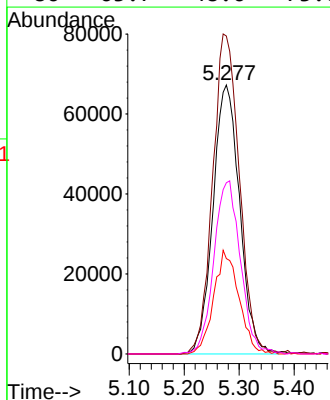
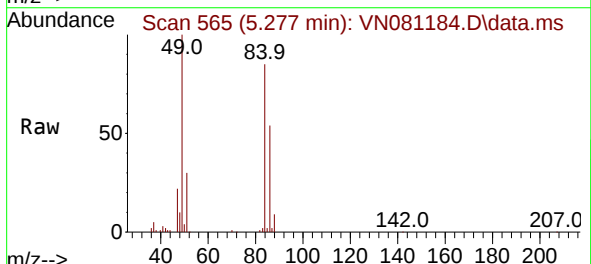
Manual Integrations
APPROVED

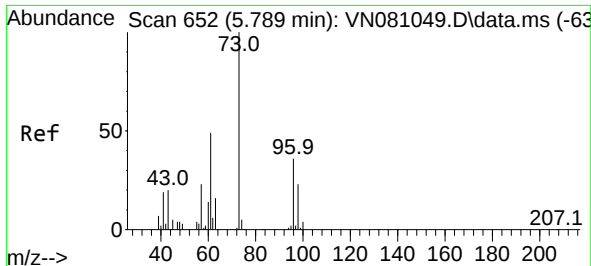
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#20
Methylene Chloride
Concen: 58.328 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

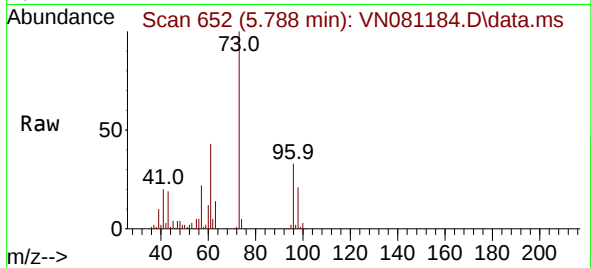
Tgt Ion: 84 Resp: 226515
Ion Ratio Lower Upper
84 100
49 118.2 108.1 162.1
51 35.5 32.9 49.3
86 63.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 50.975 ug/l
RT: 5.788 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

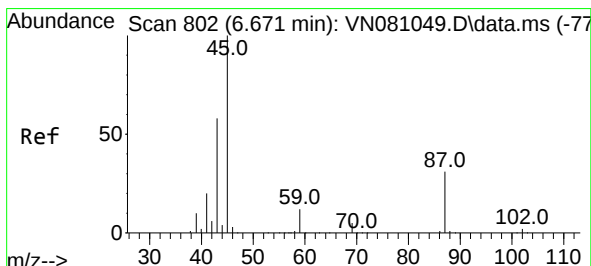
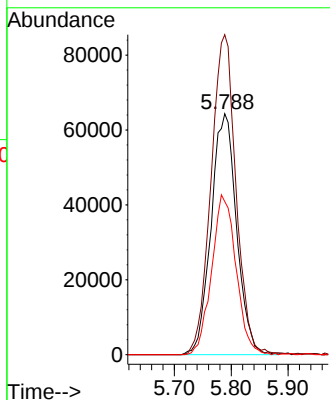
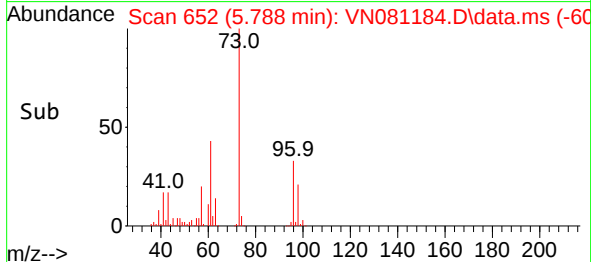
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 200719
Ion Ratio Lower Upper
96 100
61 132.8 112.8 169.2
98 63.6 51.0 76.4

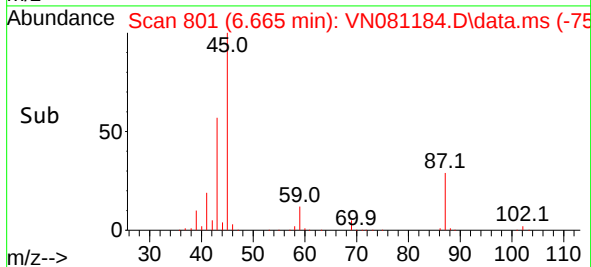
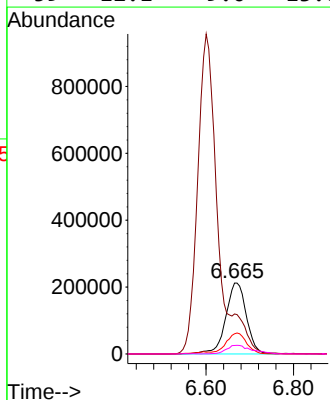
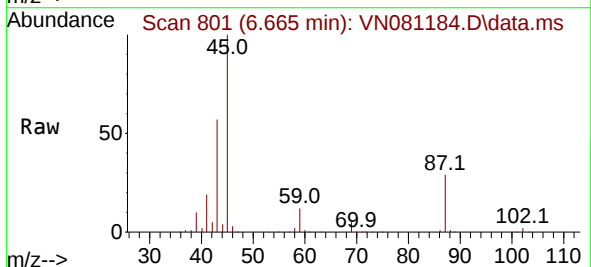
Manual Integrations
APPROVED

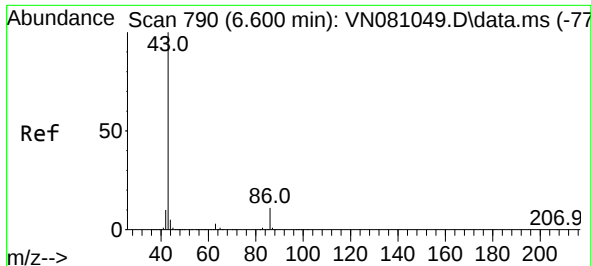
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#22
Diisopropyl ether
Concen: 58.568 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

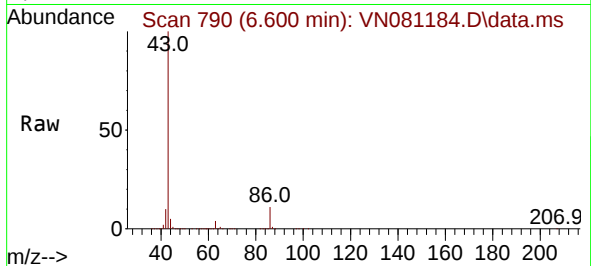
Tgt Ion: 45 Resp: 695711
Ion Ratio Lower Upper
45 100
43 55.6 41.8 62.8
87 28.4 18.1 27.1#
59 12.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 292.024 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081184.D
 Acq: 26 Feb 2024 10:31

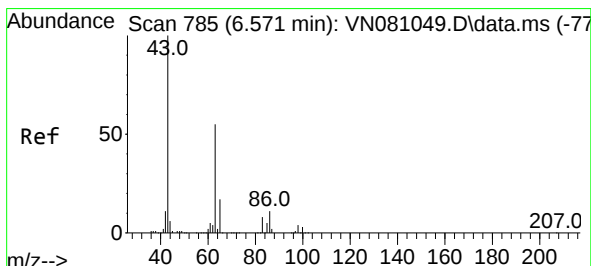
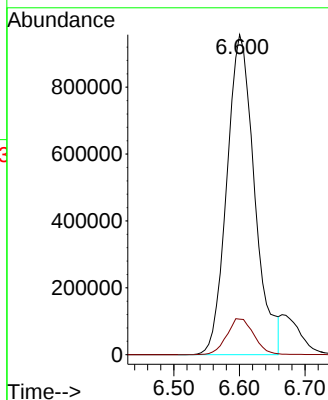
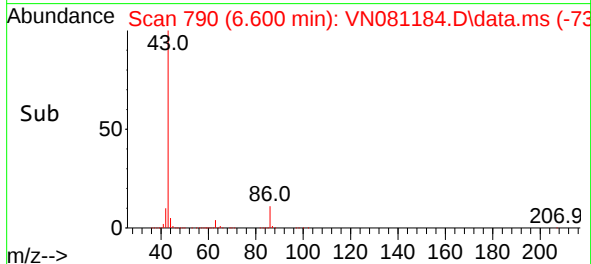
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



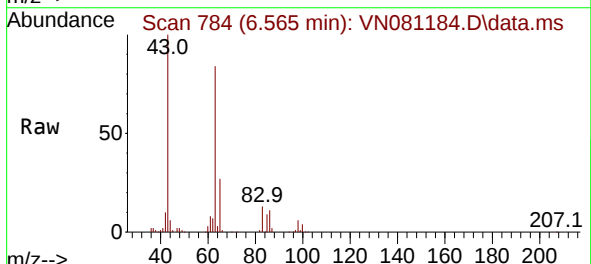
Tgt Ion: 43 Resp: 281445
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

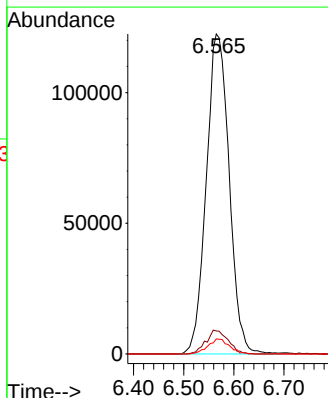
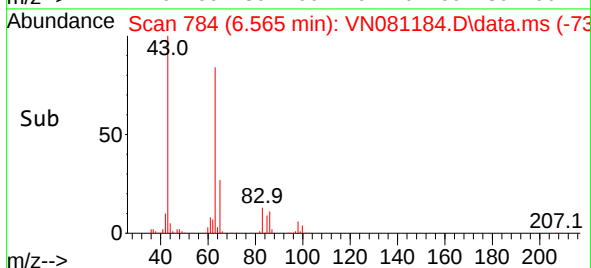
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

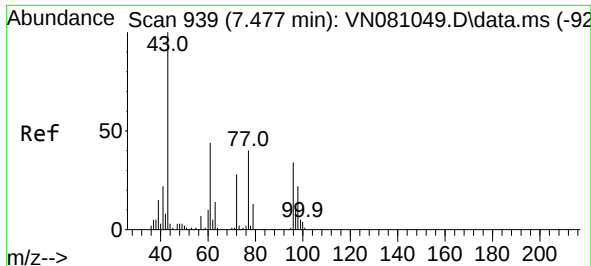


#24
 1,1-Dichloroethane
 Concen: 56.574 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081184.D
 Acq: 26 Feb 2024 10:31



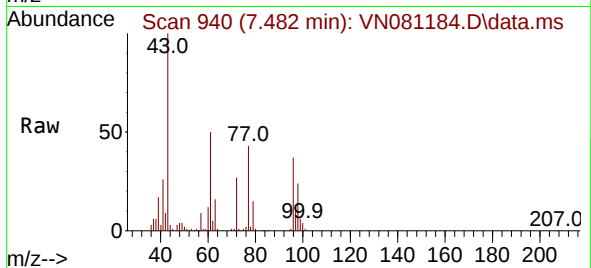
Tgt Ion: 63 Resp: 388575
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 4.7 1.9 5.7





#25
2-Butanone
Concen: 260.279 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

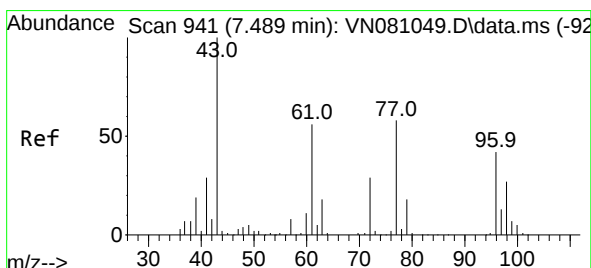
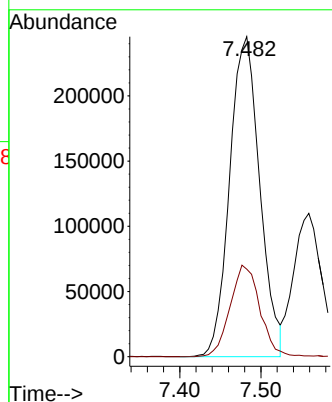
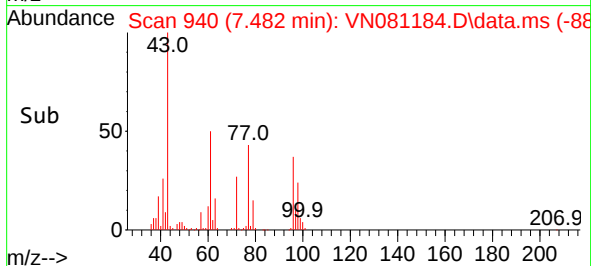
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 632898
Ion Ratio Lower Upper
43 100
72 27.4 19.5 29.3

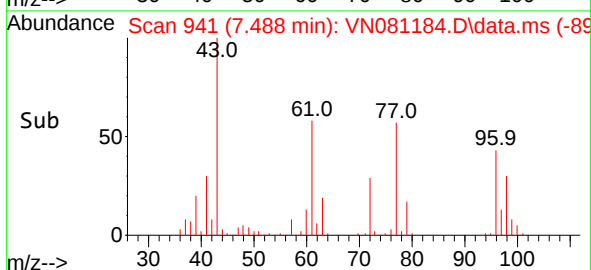
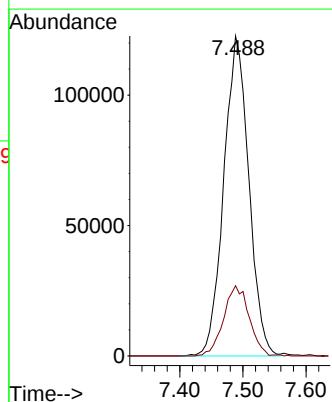
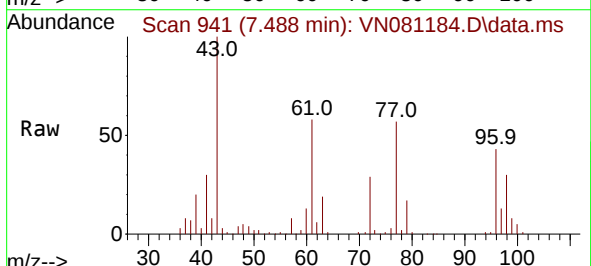
Manual Integrations
APPROVED

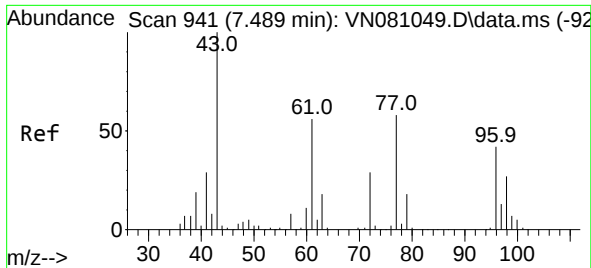
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#26
2,2-Dichloropropane
Concen: 52.418 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion: 77 Resp: 337348
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





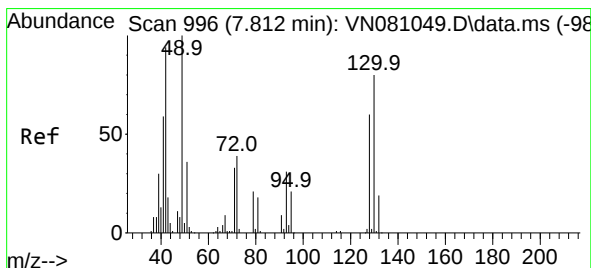
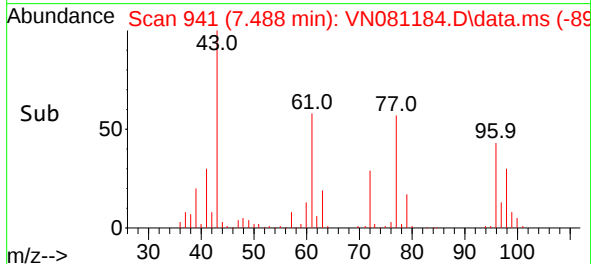
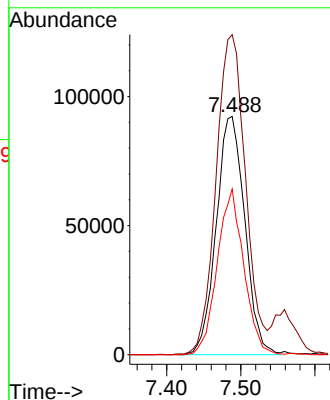
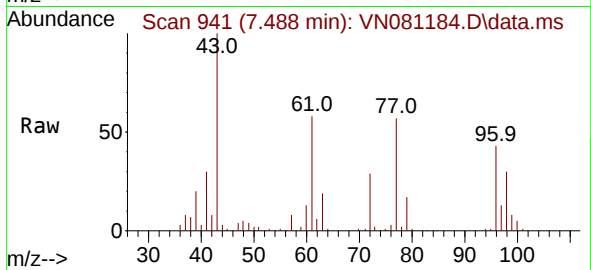
#27
 cis-1,2-Dichloroethene
 Concen: 54.009 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081184.D
 Acq: 26 Feb 2024 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 247083
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 325.4
 98 64.6 0.0 130.4

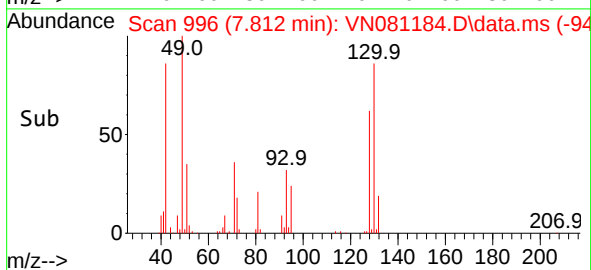
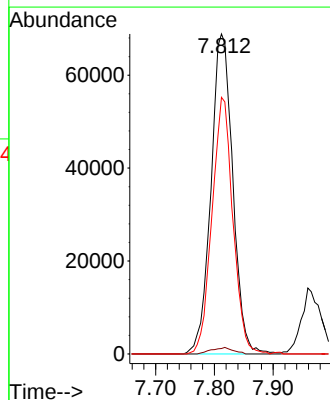
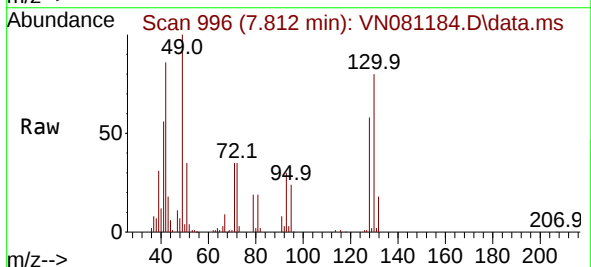
Manual Integrations
 APPROVED

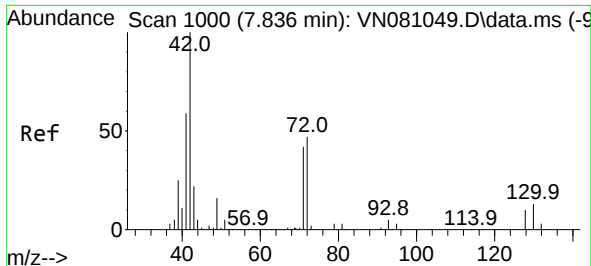
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#28
 Bromochloromethane
 Concen: 62.424 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081184.D
 Acq: 26 Feb 2024 10:31

Tgt Ion: 49 Resp: 177752
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 76.6 42.3 63.5#





#29

Tetrahydrofuran

Concen: 270.565 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 43918

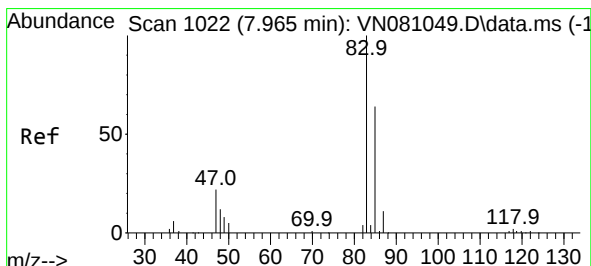
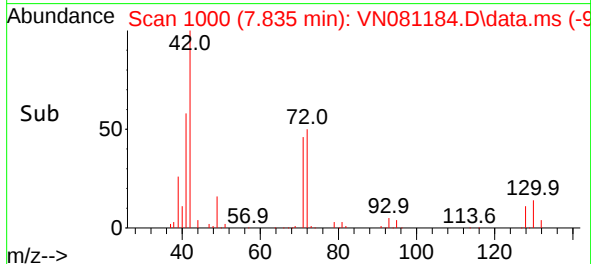
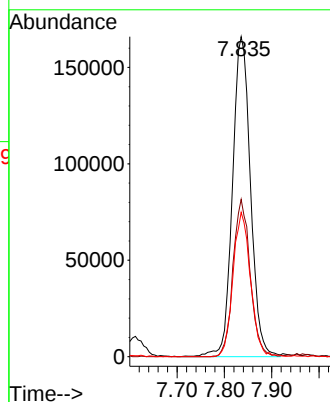
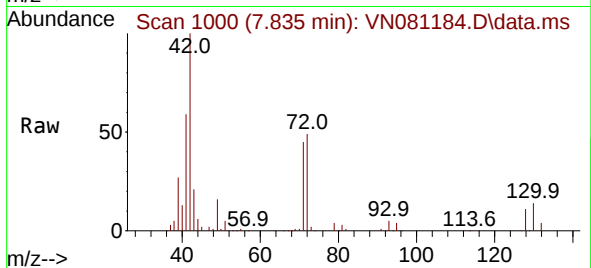
Ion	Ratio	Lower	Upper
42	100		
72	46.6	31.1	46.7
71	43.7	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#30

Chloroform

Concen: 56.915 ug/l

RT: 7.965 min Scan# 1022

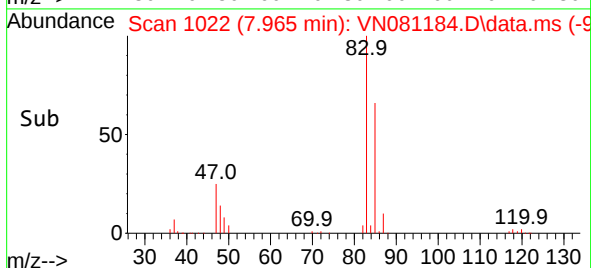
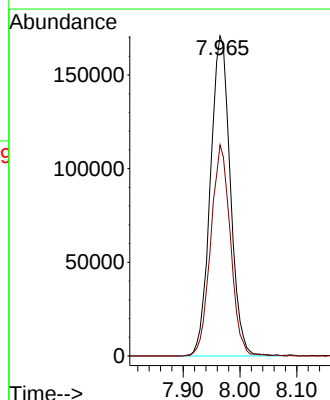
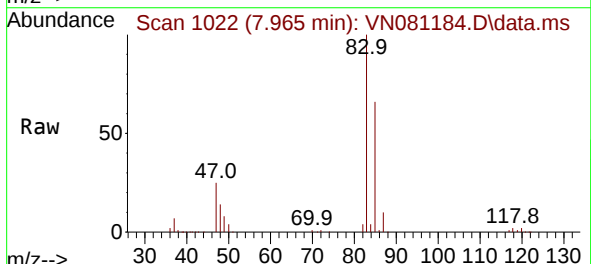
Delta R.T. -0.000 min

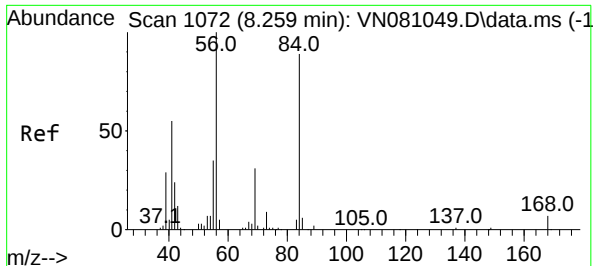
Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Tgt Ion: 83 Resp: 415576

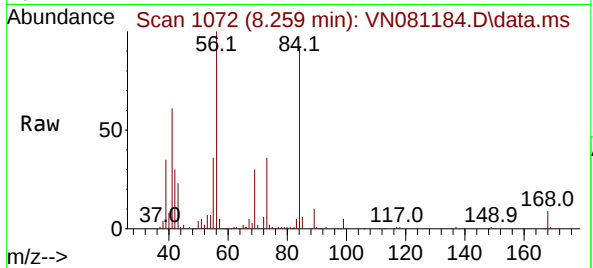
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.0	76.6





#31
Cyclohexane
Concen: 44.793 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

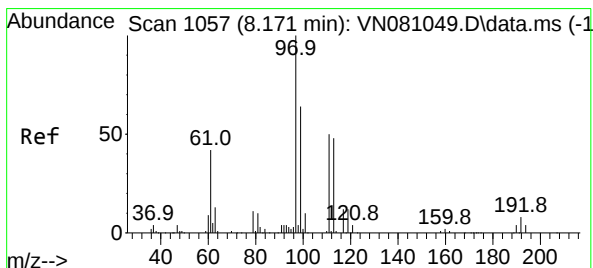
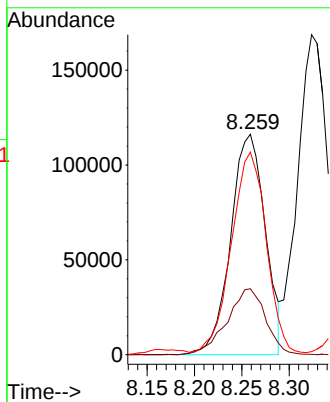
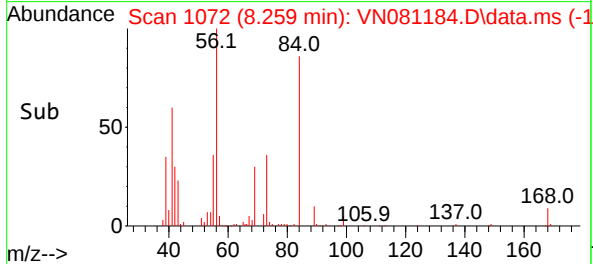
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 29585
Ion Ratio Lower Upper
56 100
69 29.9 20.1 30.1
84 90.0 56.9 85.3

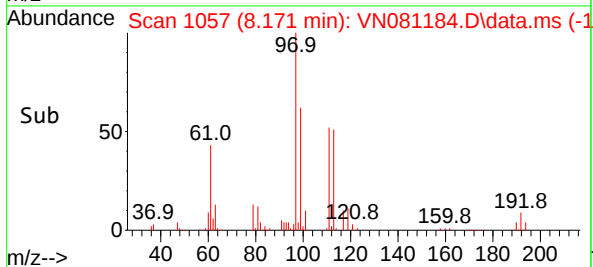
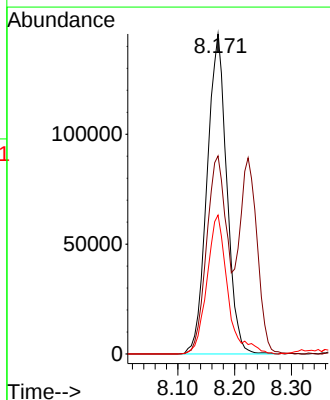
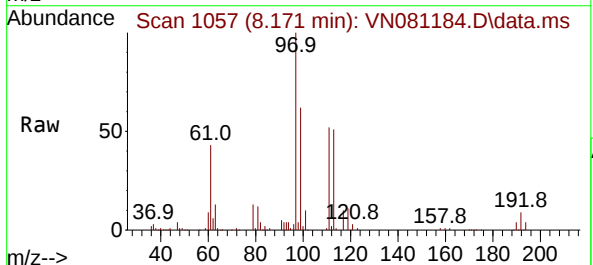
Manual Integrations
APPROVED

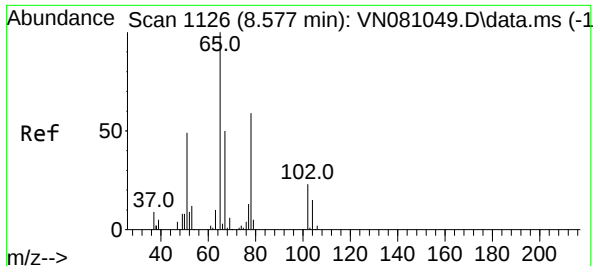
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 52.611 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion: 97 Resp: 349861
Ion Ratio Lower Upper
97 100
99 63.1 53.4 80.0
61 45.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 55.995 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21419

Ion Ratio Lower Upper

65 100

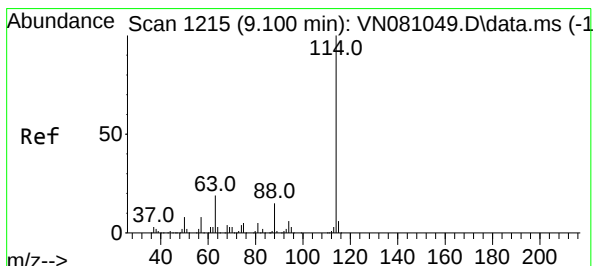
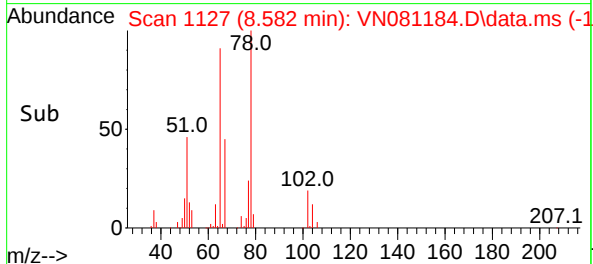
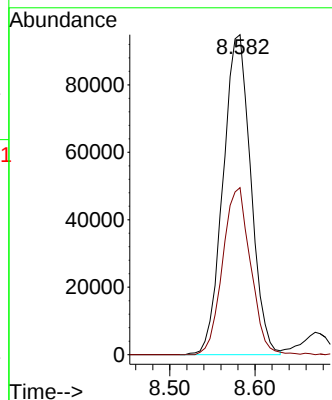
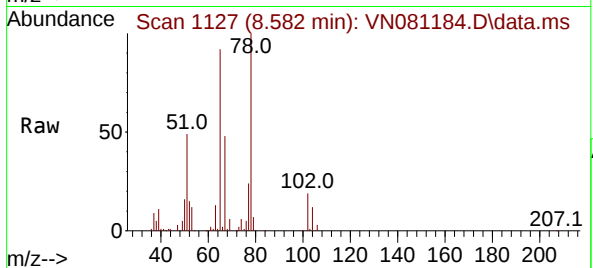
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

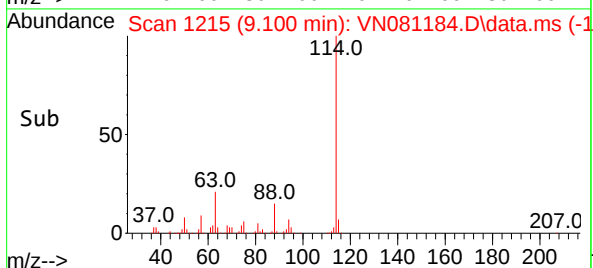
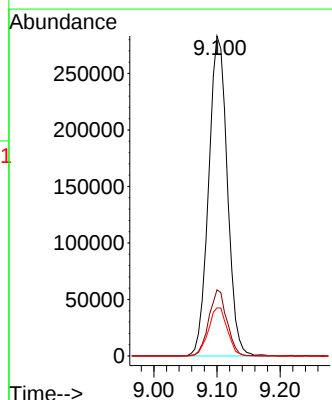
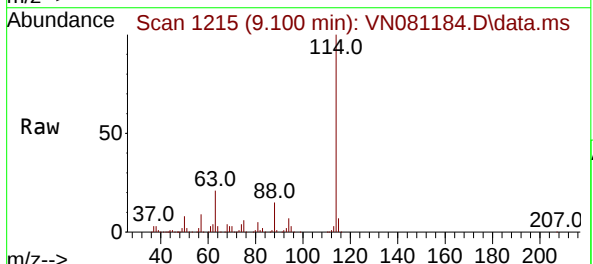
Tgt Ion:114 Resp: 581205

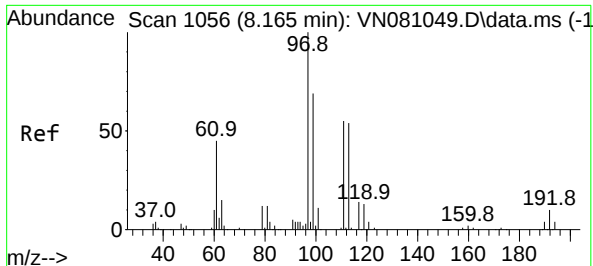
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.747 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081184.D

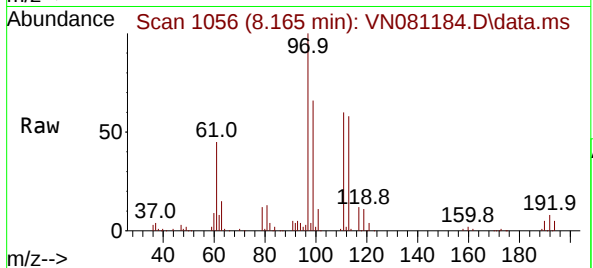
Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 18321

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

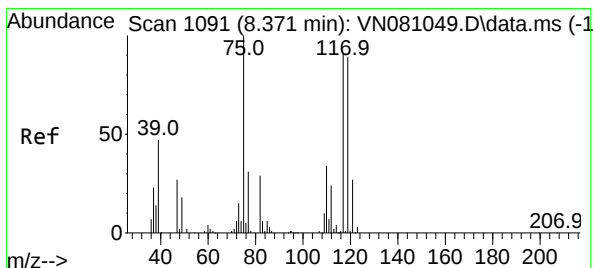
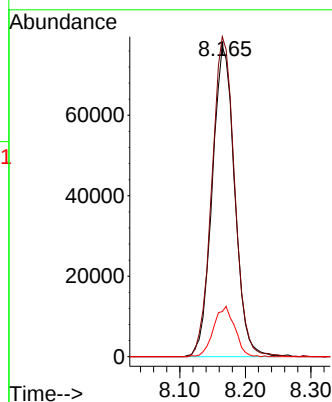
192 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#36

1,1-Dichloropropene

Concen: 48.664 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

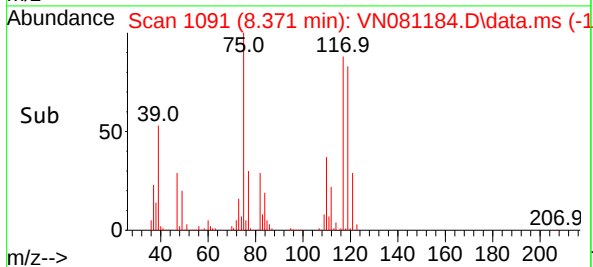
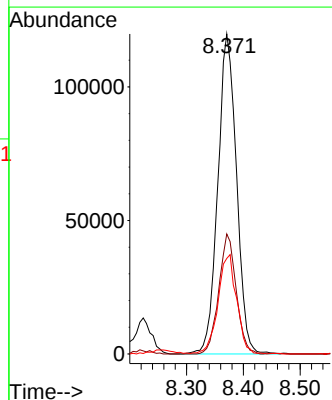
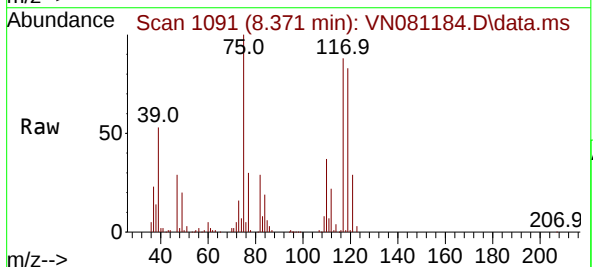
Tgt Ion: 75 Resp: 274003

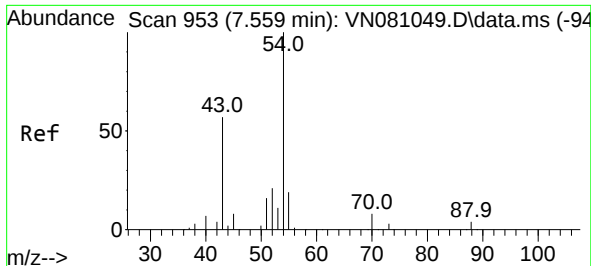
Ion Ratio Lower Upper

75 100

110 34.9 16.0 48.0

77 31.1 25.8 38.6





#37

Ethyl Acetate

Concen: 54.194 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 275394

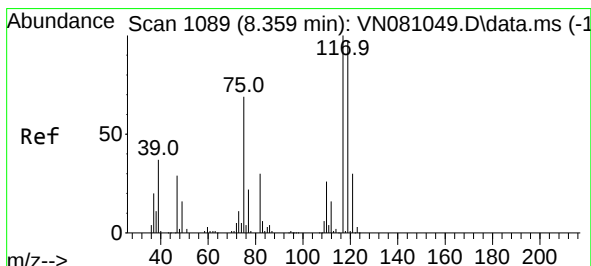
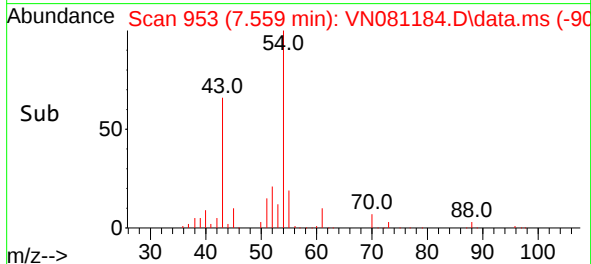
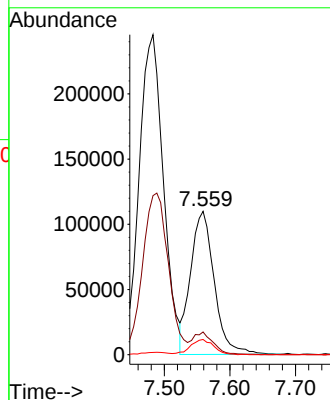
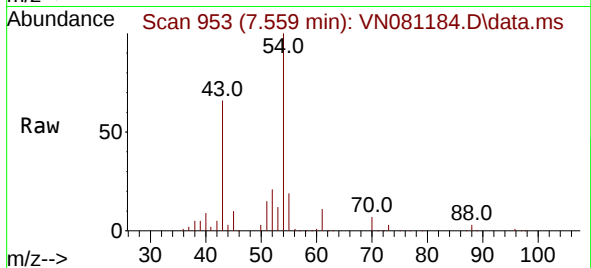
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	10.4	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#38

Carbon Tetrachloride

Concen: 51.201 ug/l

RT: 8.365 min Scan# 1090

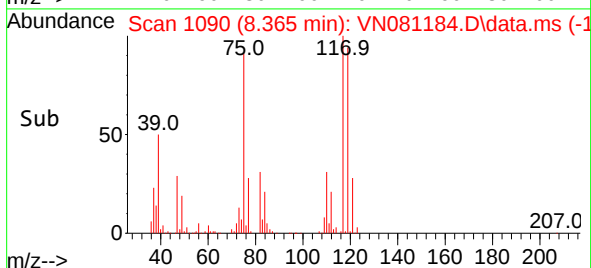
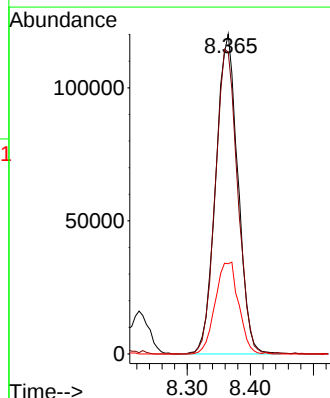
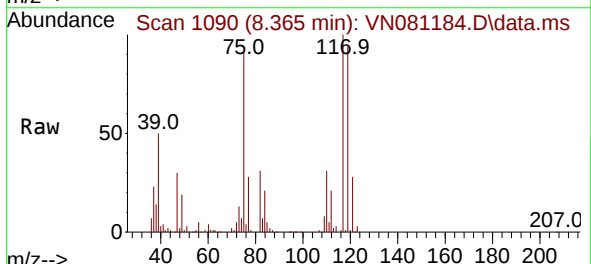
Delta R.T. 0.006 min

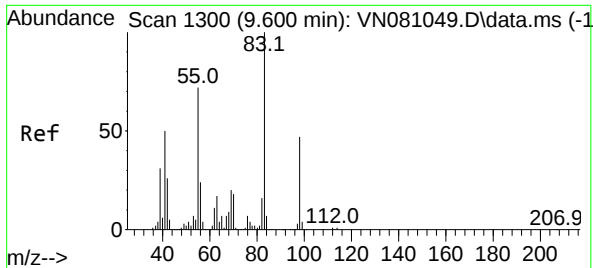
Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Tgt Ion:117 Resp: 291672

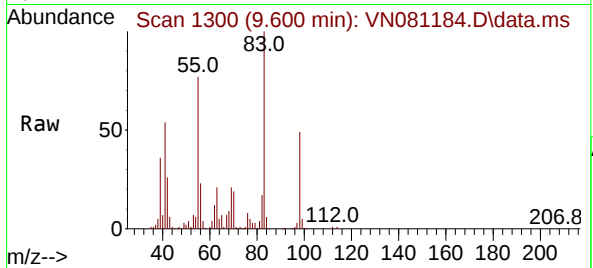
Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.4	110.2
121	28.2	24.4	36.6





#39
Methylcyclohexane
Concen: 49.017 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

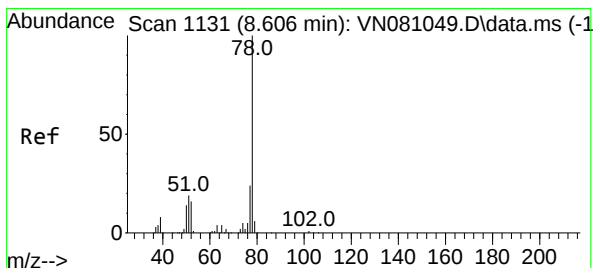
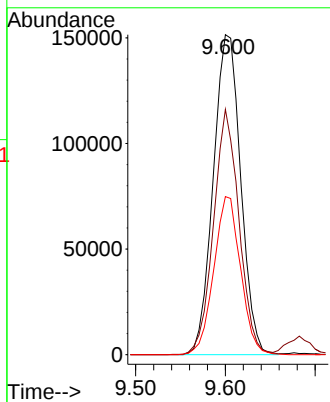
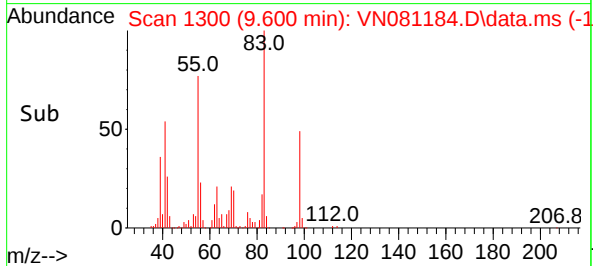
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 321728
Ion Ratio Lower Upper
83 100
55 76.6 65.7 98.5
98 49.4 33.8 50.6

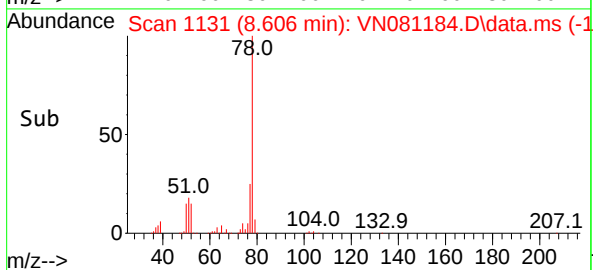
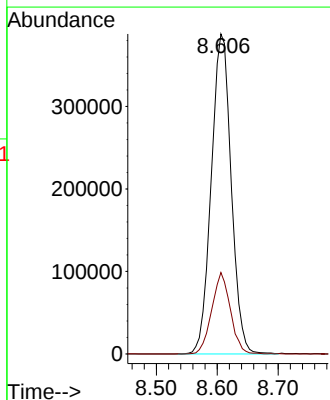
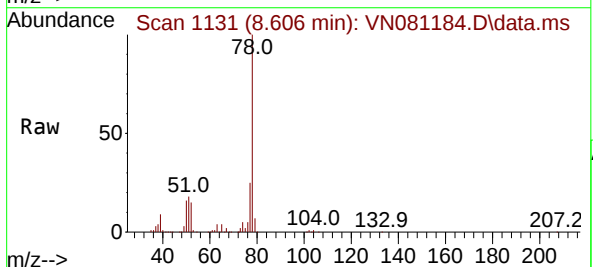
Manual Integrations
APPROVED

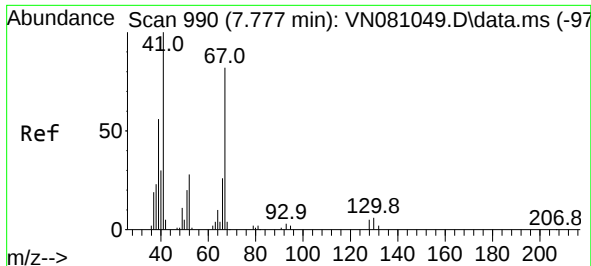
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#40
Benzene
Concen: 54.151 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

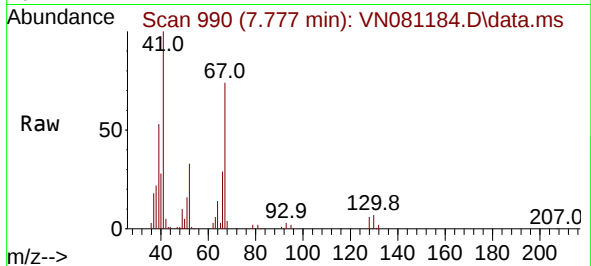
Tgt Ion: 78 Resp: 882524
Ion Ratio Lower Upper
78 100
77 25.4 20.4 30.6





#41
Methacrylonitrile
Concen: 56.025 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

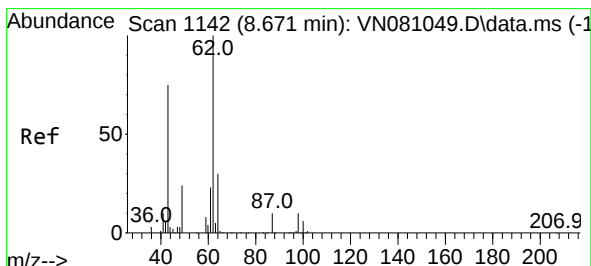
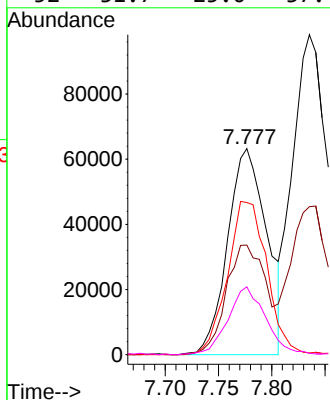
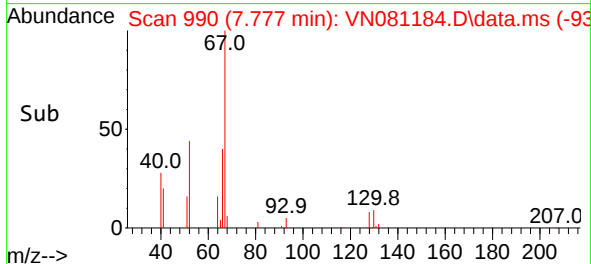
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



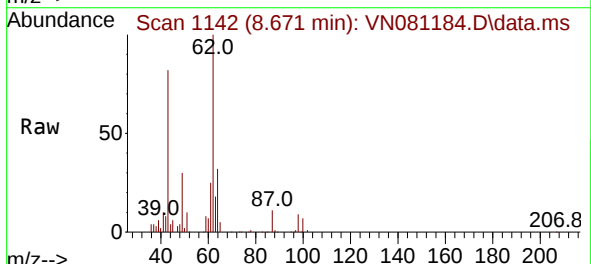
Tgt Ion: 41 Resp: 162028
Ion Ratio Lower Upper
41 100
39 52.2 48.4 72.6
67 75.2 56.8 85.2
52 31.7 25.0 37.4

Manual Integrations
APPROVED

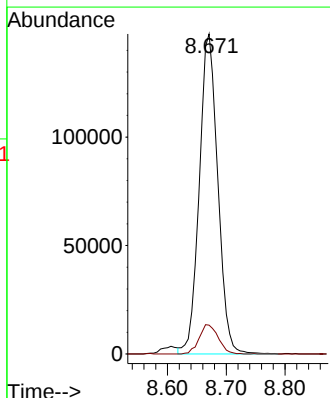
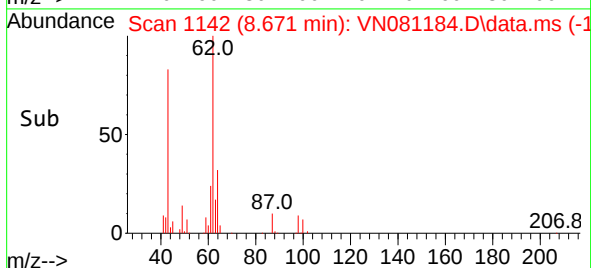
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

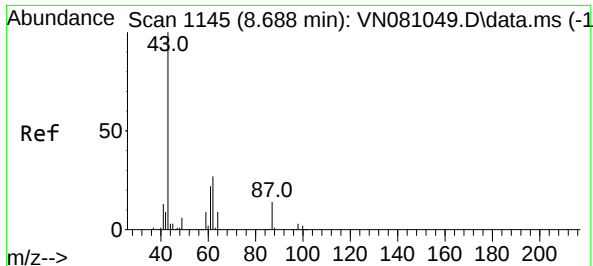


#42
1,2-Dichloroethane
Concen: 56.811 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



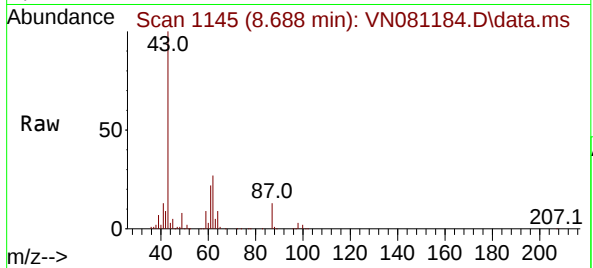
Tgt Ion: 62 Resp: 323027
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 59.906 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

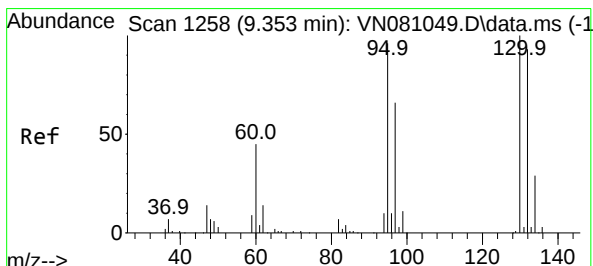
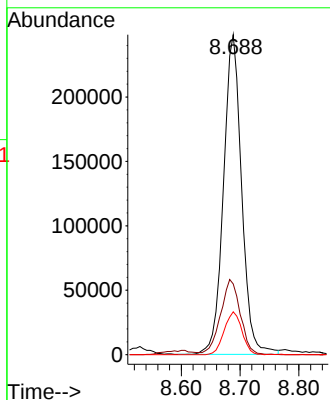
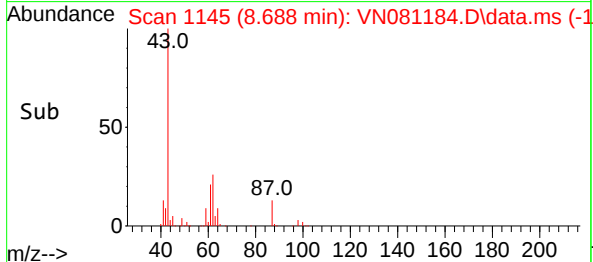
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 53241
Ion Ratio Lower Upper
43 100
61 25.6 19.9 29.9
87 13.1 9.0 13.6

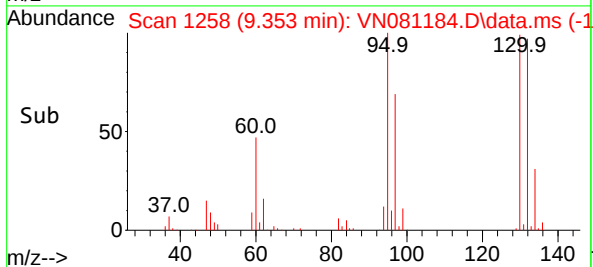
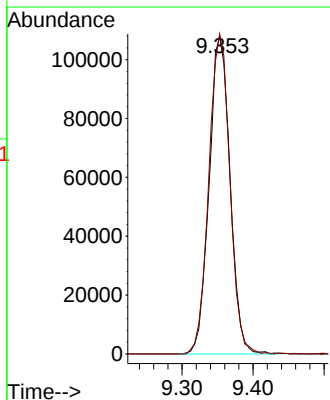
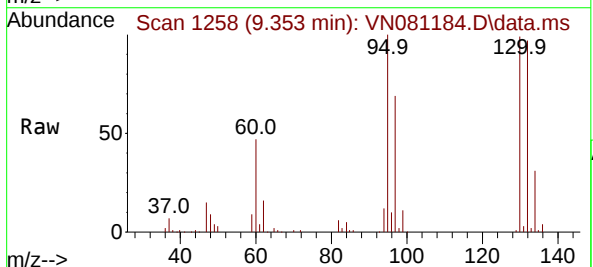
Manual Integrations
APPROVED

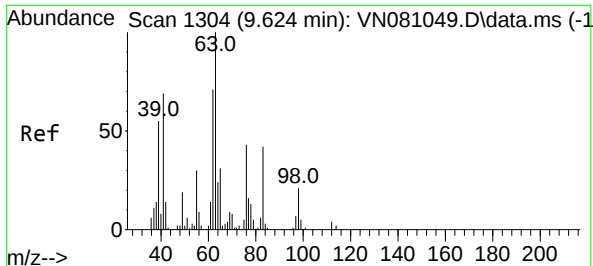
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#44
Trichloroethene
Concen: 50.764 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion:130 Resp: 220356
Ion Ratio Lower Upper
130 100
95 100.8 0.0 210.4





#45

1,2-Dichloropropane

Concen: 57.341 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 23376

Ion Ratio Lower Upper

63 100

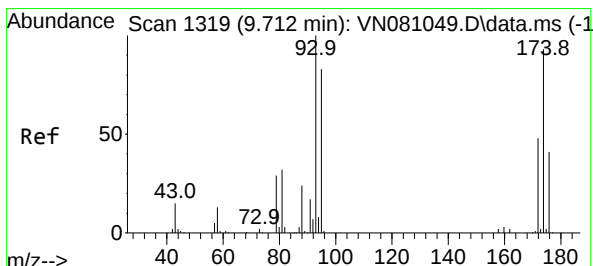
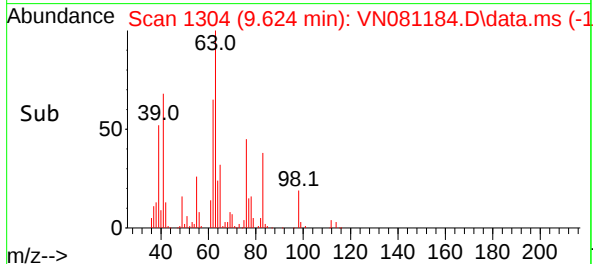
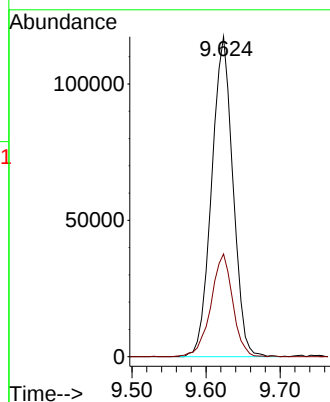
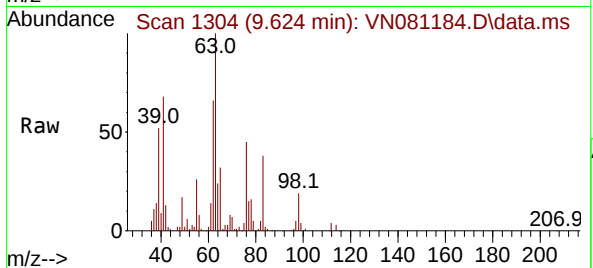
65 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#46

Dibromomethane

Concen: 56.171 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

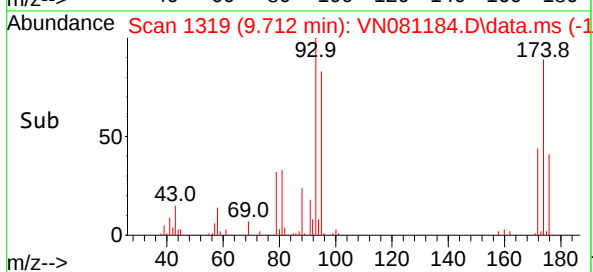
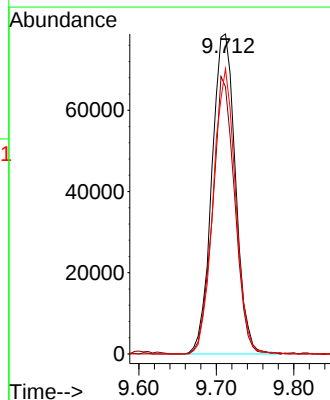
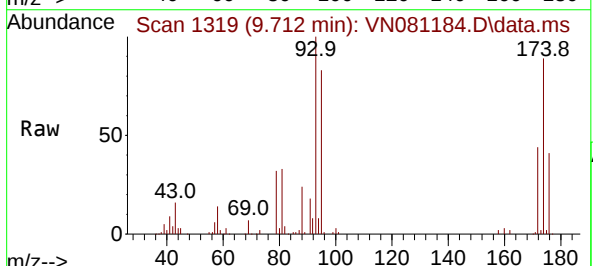
Tgt Ion: 93 Resp: 166849

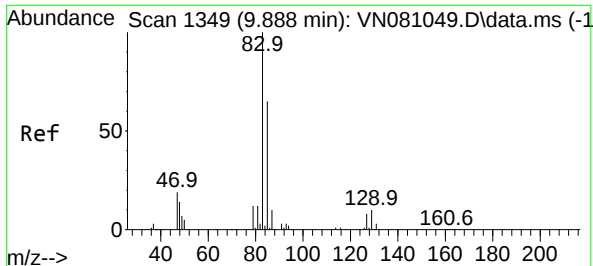
Ion Ratio Lower Upper

93 100

95 81.3 68.1 102.1

174 84.6 57.2 85.8





#47

Bromodichloromethane

Concen: 58.891 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 33130

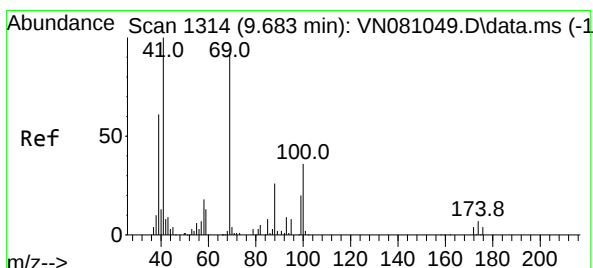
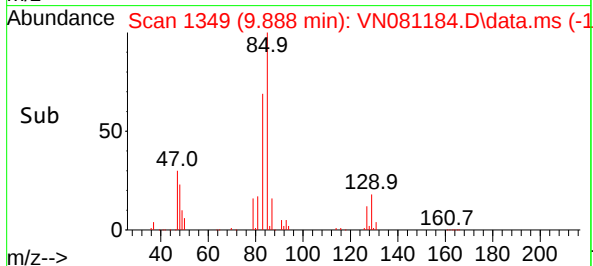
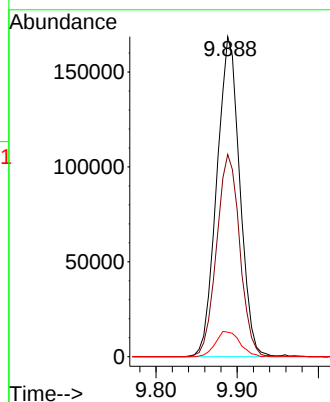
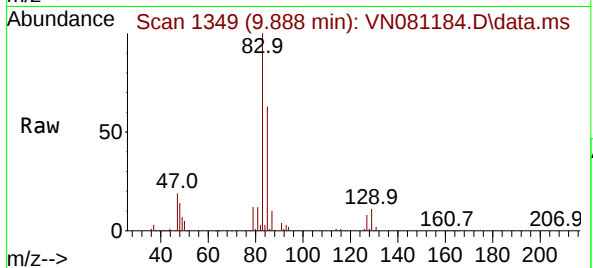
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.3	78.5
127	7.7	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#48

Methyl methacrylate

Concen: 55.597 ug/l

RT: 9.682 min Scan# 1314

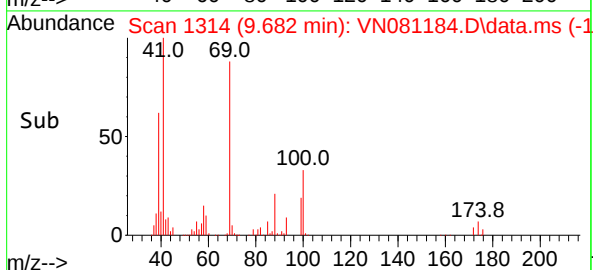
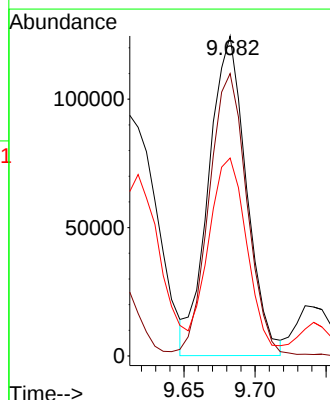
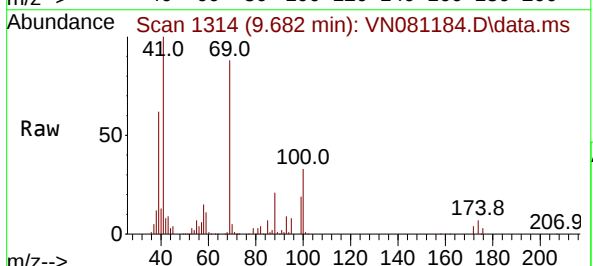
Delta R.T. -0.000 min

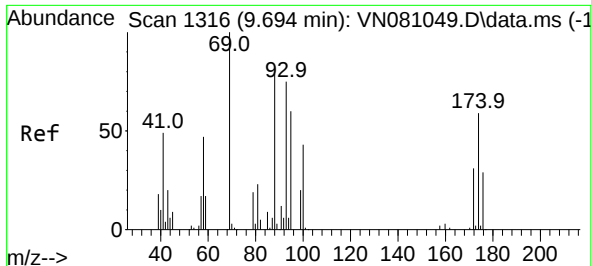
Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Tgt Ion: 41 Resp: 229915

Ion	Ratio	Lower	Upper
41	100		
69	89.6	62.2	93.2
39	63.3	47.6	71.4





#49

1,4-Dioxane

Concen: 1102.841 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

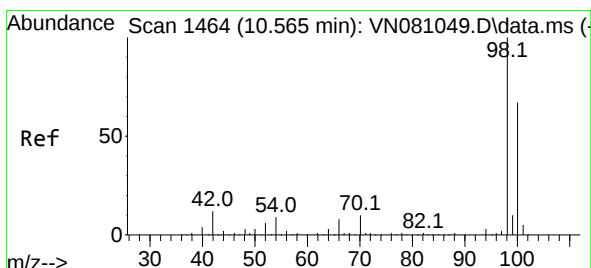
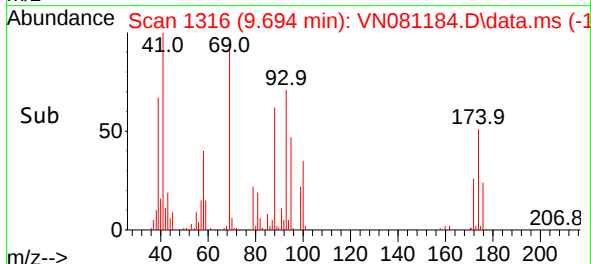
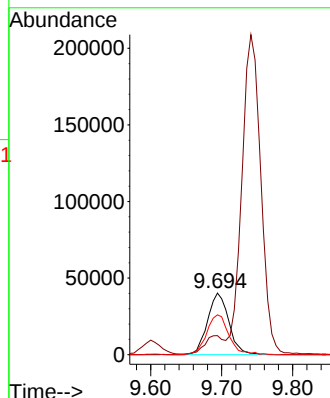
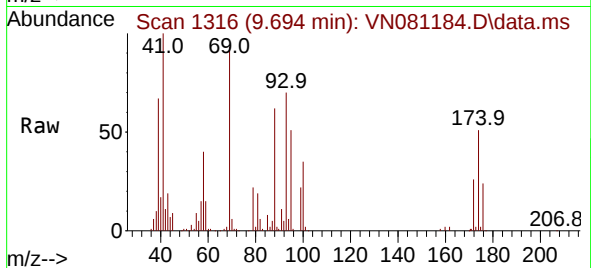
Tgt Ion:	88	Resp:	8361
Ion Ratio	Lower	Upper	
88	100		
43	27.8	30.1	45.1
58	67.6	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#50

Toluene-d8

Concen: 49.810 ug/l

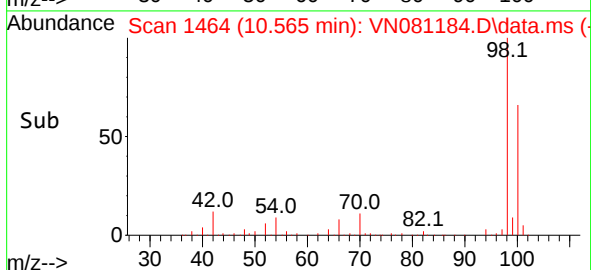
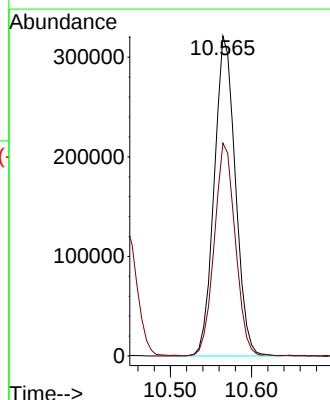
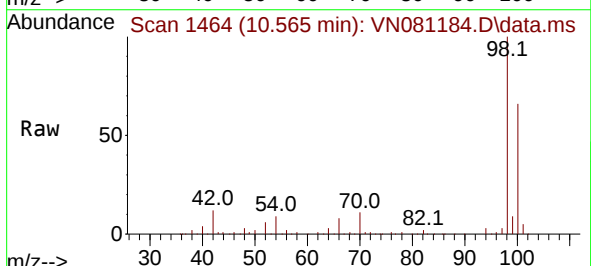
RT: 10.565 min Scan# 1464

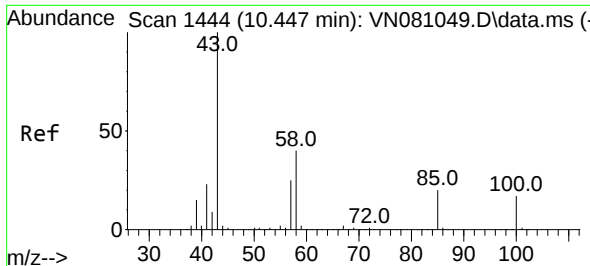
Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

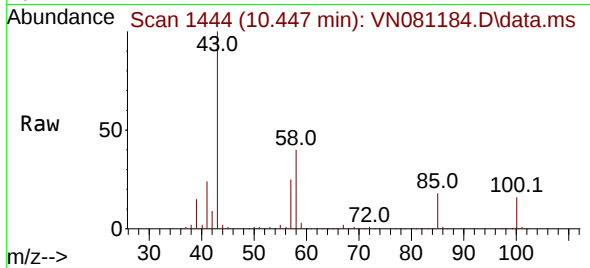
Tgt Ion:	98	Resp:	581427
Ion Ratio	Lower	Upper	
98	100		
100	66.3	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 282.571 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

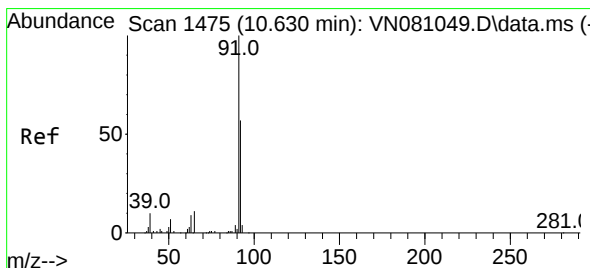
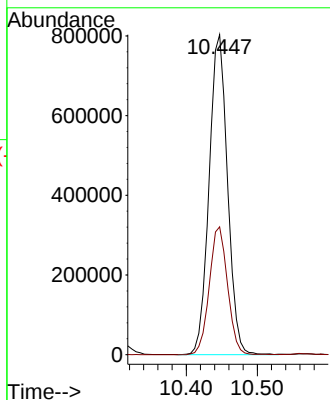
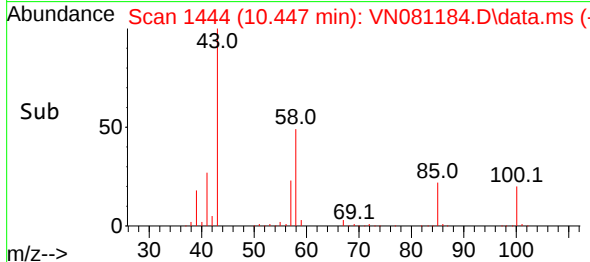
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 144464
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0

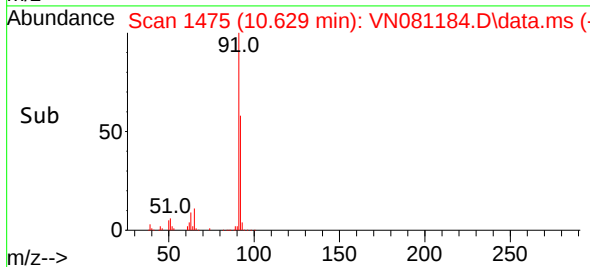
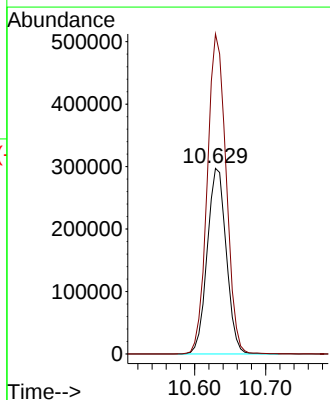
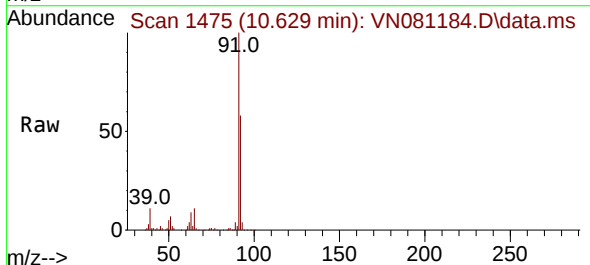
Manual Integrations
APPROVED

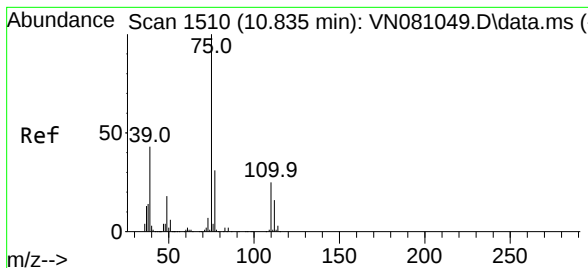
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#52
Toluene
Concen: 53.692 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

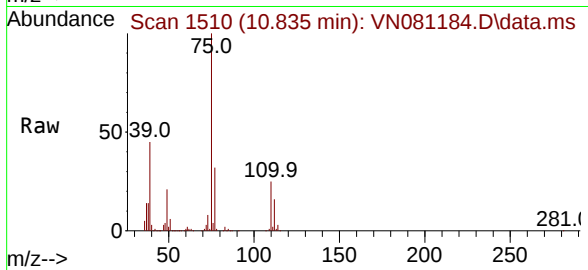
Tgt Ion: 92 Resp: 553968
Ion Ratio Lower Upper
92 100
91 170.7 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 59.214 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

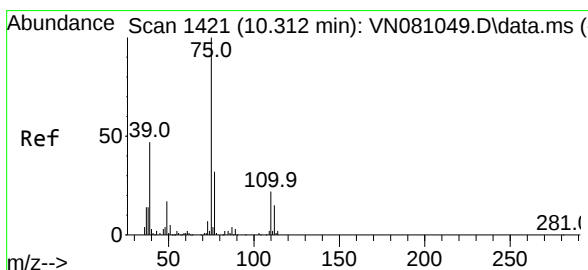
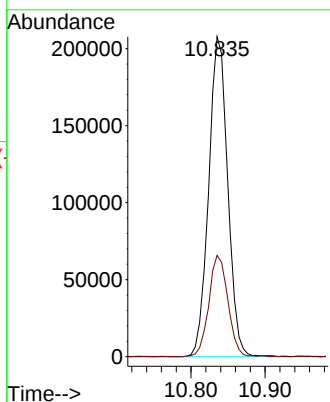
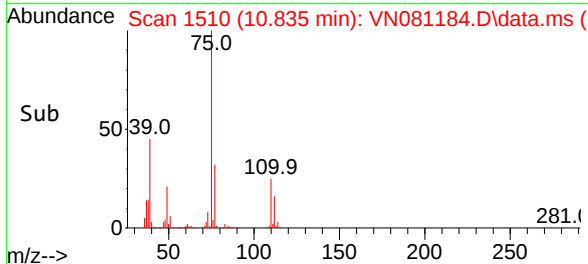
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



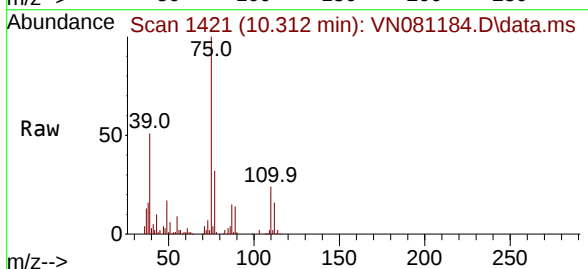
Tgt Ion: 75 Resp: 370188
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

Manual Integrations
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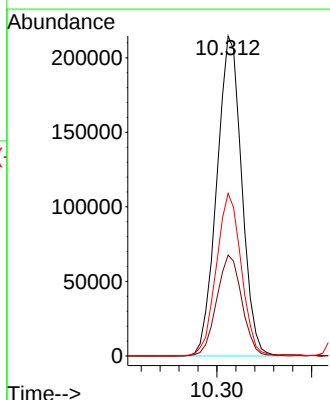
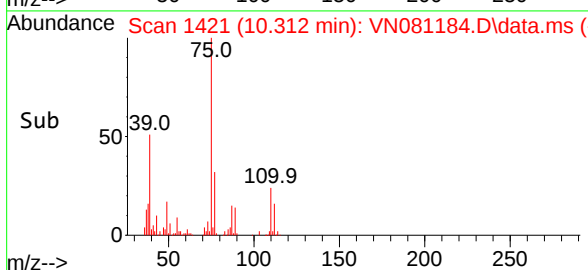
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

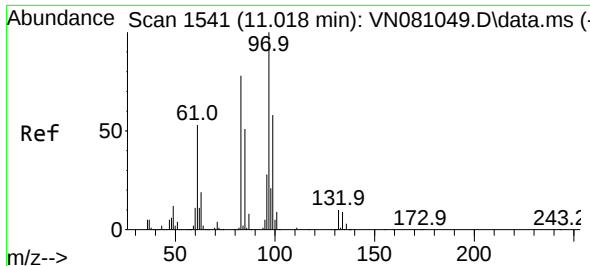


#54
cis-1,3-Dichloropropene
Concen: 58.106 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



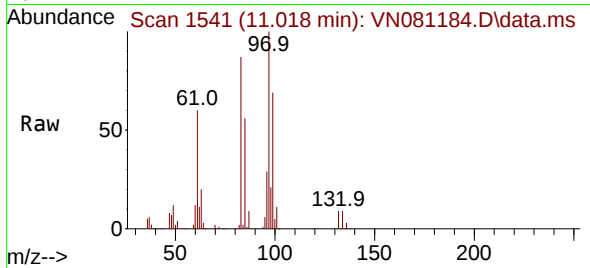
Tgt Ion: 75 Resp: 392472
Ion Ratio Lower Upper
75 100
77 31.5 23.3 34.9
39 50.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 57.779 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

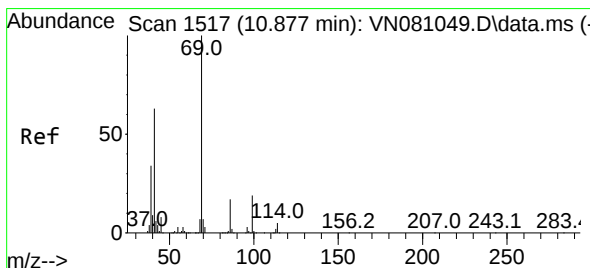
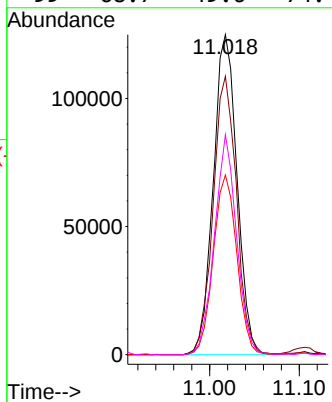
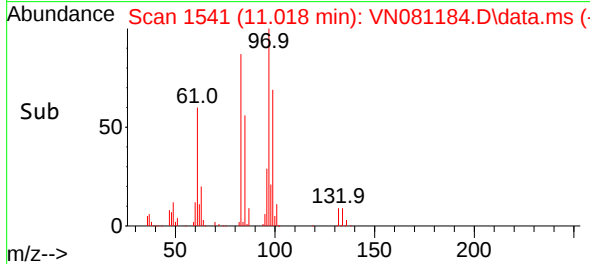
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 229280
Ion Ratio Lower Upper
97 100
83 87.0 72.9 109.3
85 56.1 50.2 75.2
99 68.7 49.6 74.4

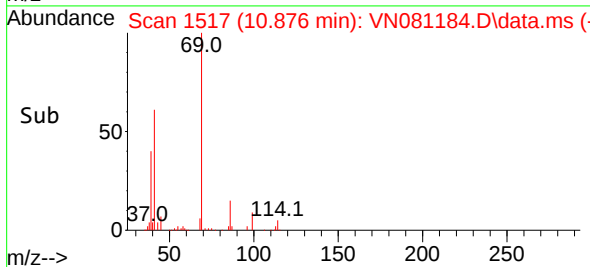
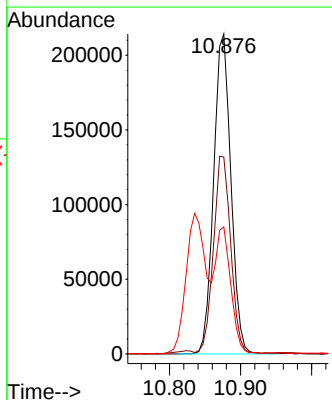
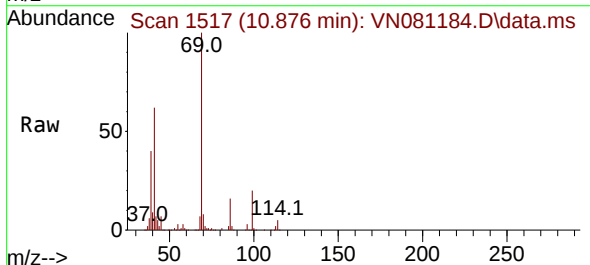
Manual Integrations
APPROVED

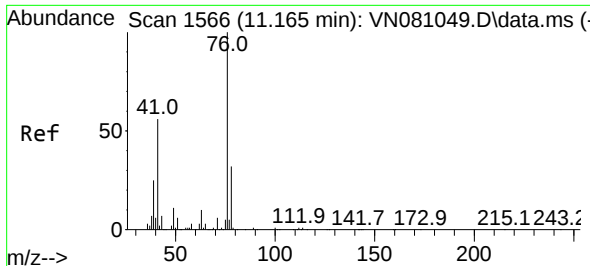
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#56
Ethyl methacrylate
Concen: 59.525 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

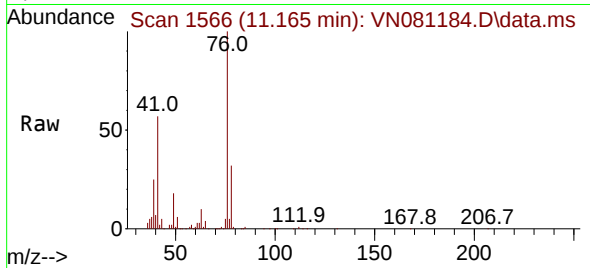
Tgt Ion: 69 Resp: 361013
Ion Ratio Lower Upper
69 100
41 61.7 61.0 91.6
39 34.7 31.8 47.6





#57
1,3-Dichloropropane
Concen: 58.321 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

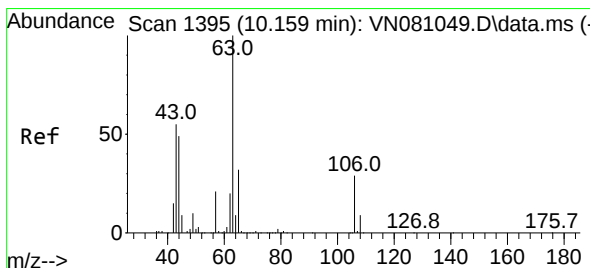
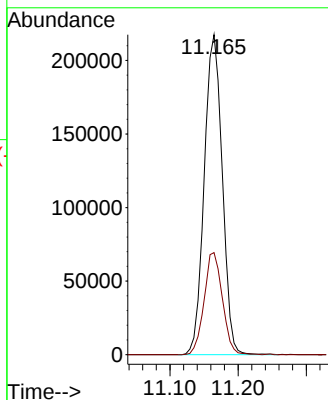
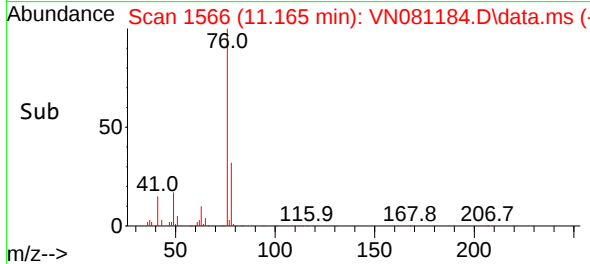
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 40017
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

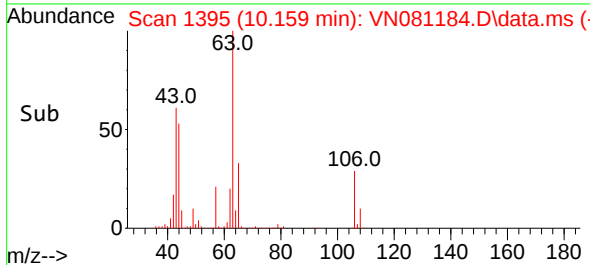
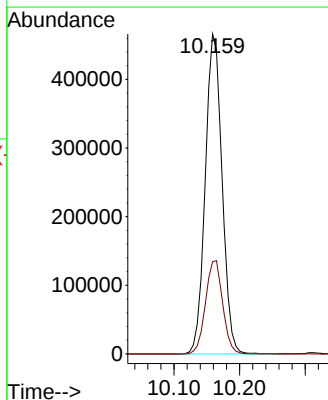
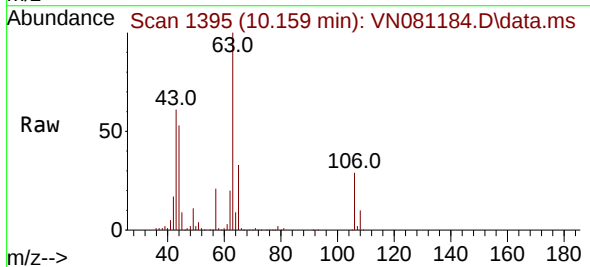
Manual Integrations
APPROVED

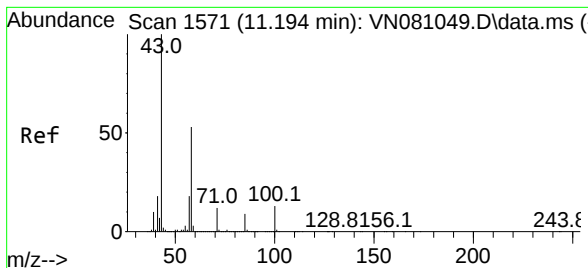
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 273.493 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

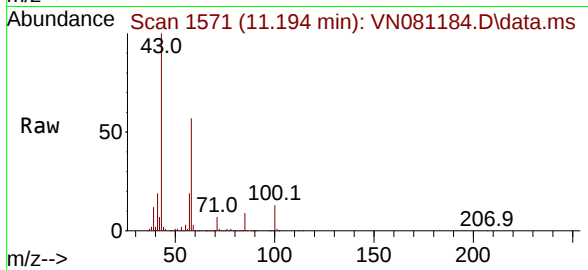
Tgt Ion: 63 Resp: 832248
Ion Ratio Lower Upper
63 100
106 29.8 18.6 28.0#





#59
2-Hexanone
Concen: 258.724 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

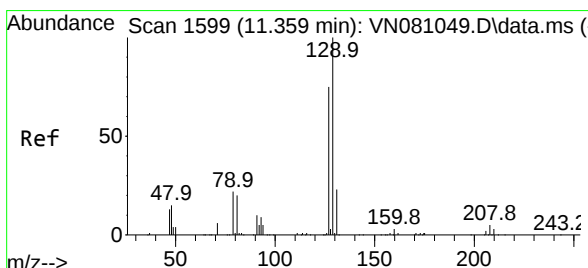
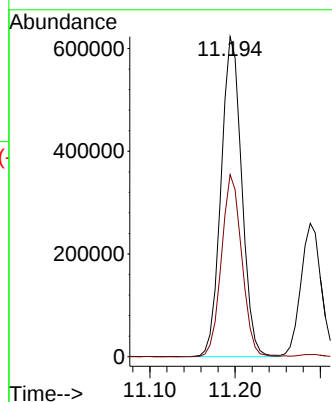
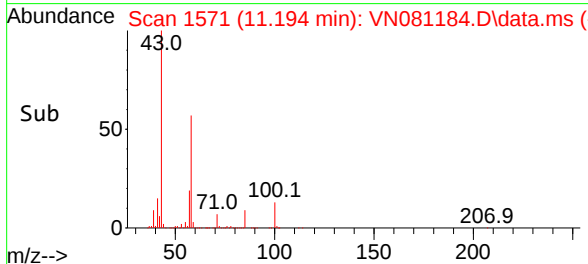
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



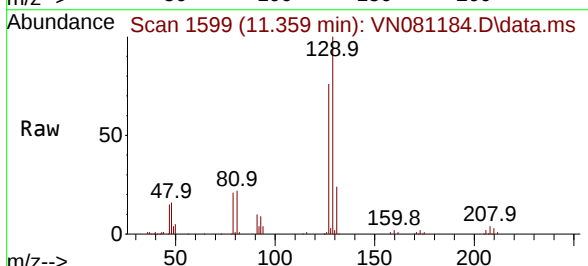
Tgt Ion: 43 Resp: 1048659
Ion Ratio Lower Upper
43 100
58 56.0 25.9 77.8

Manual Integrations
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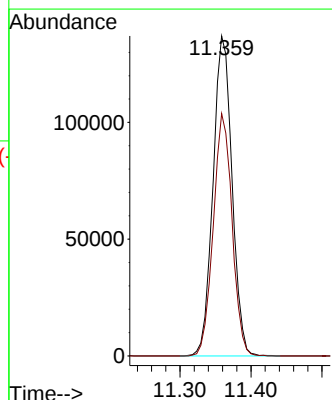
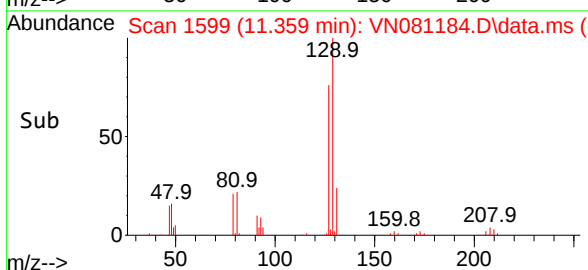
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

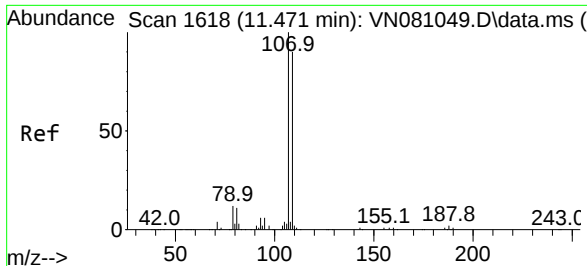


#60
Dibromochloromethane
Concen: 60.321 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



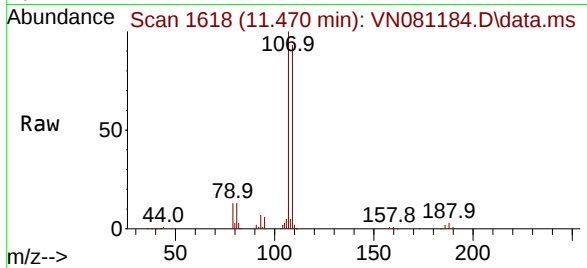
Tgt Ion:129 Resp: 254295
Ion Ratio Lower Upper
129 100
127 74.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 57.321 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

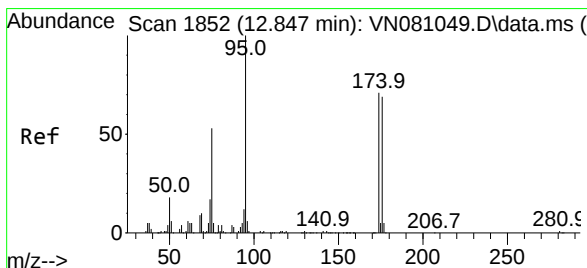
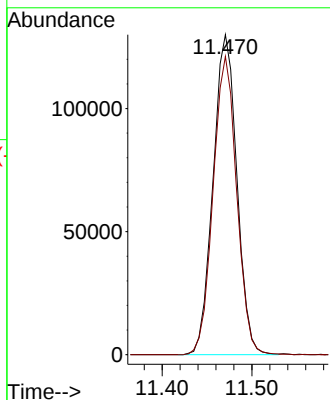
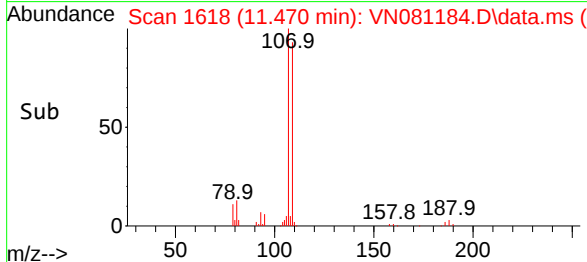
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



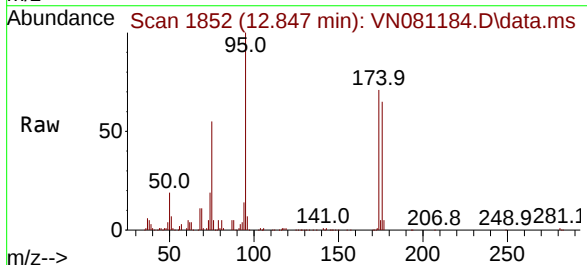
Tgt Ion:107 Resp: 239200
Ion Ratio Lower Upper
107 100
109 92.4 73.4 110.2

Manual Integrations
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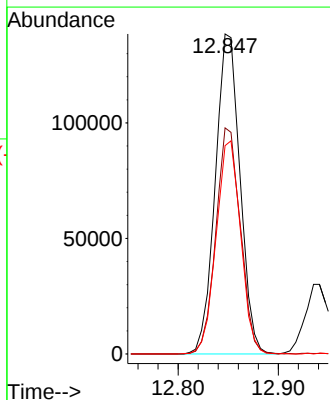
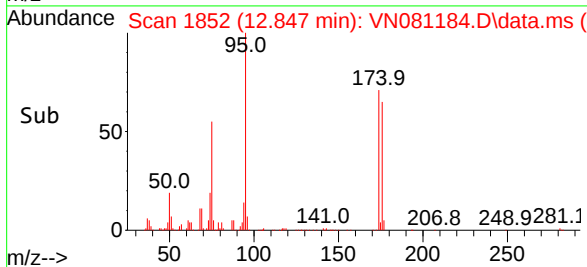
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

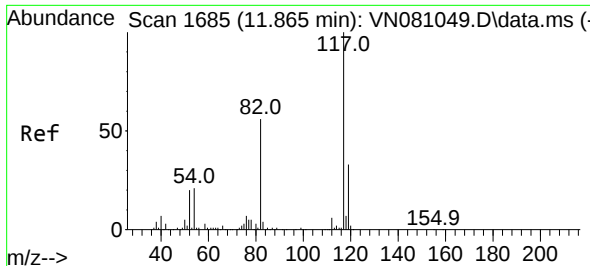


#62
4-Bromofluorobenzene
Concen: 54.100 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



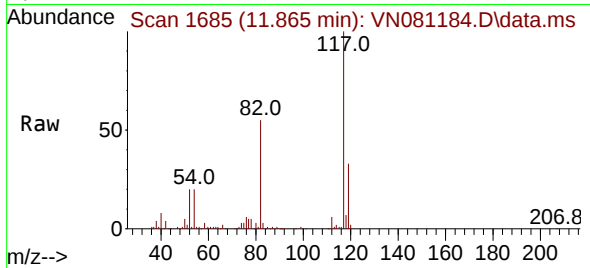
Tgt Ion: 95 Resp: 237288
Ion Ratio Lower Upper
95 100
174 70.0 0.0 120.4
176 66.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

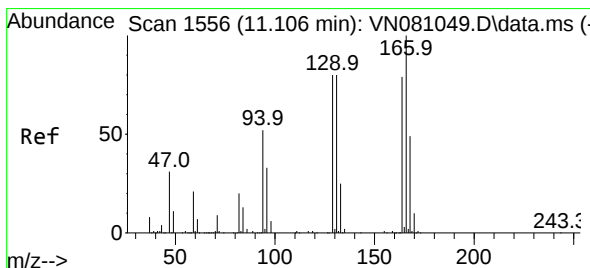
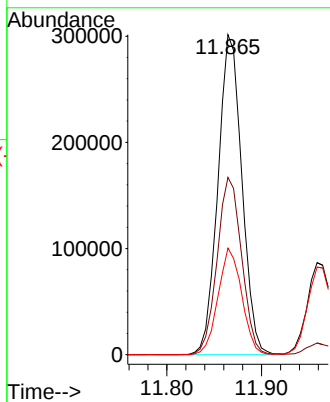
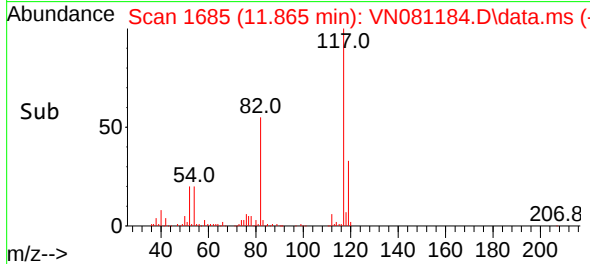
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 52936
Ion Ratio Lower Upper
117 100
82 55.4 52.7 79.1
119 33.3 25.3 37.9

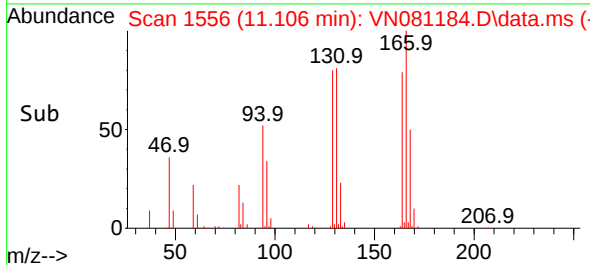
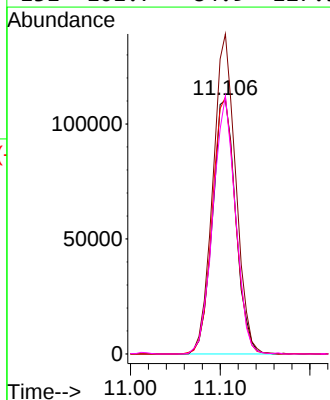
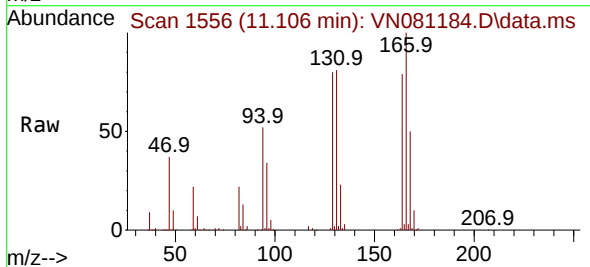
Manual Integrations
APPROVED

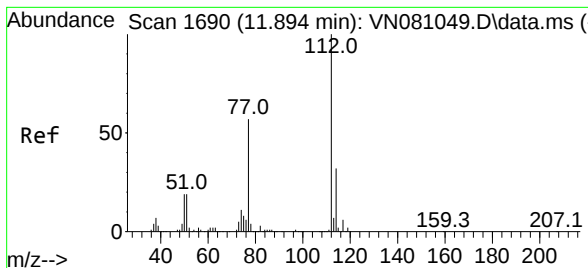
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#64
Tetrachloroethene
Concen: 54.804 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

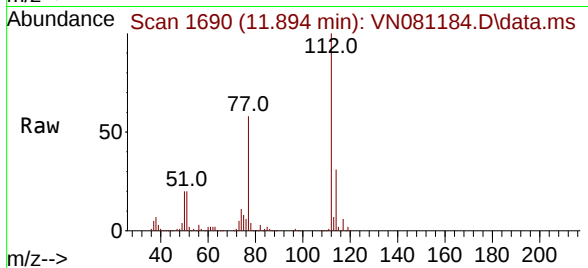
Tgt Ion:164 Resp: 198003
Ion Ratio Lower Upper
164 100
166 126.0 105.8 158.6
129 101.1 89.6 134.4
131 101.7 84.9 127.3





#65
Chlorobenzene
Concen: 51.704 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

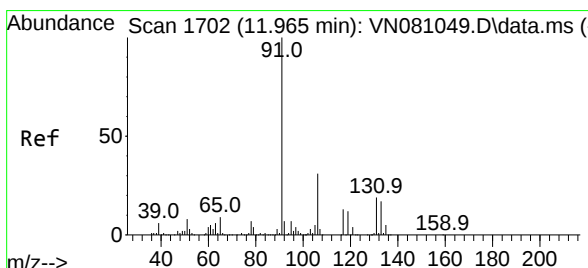
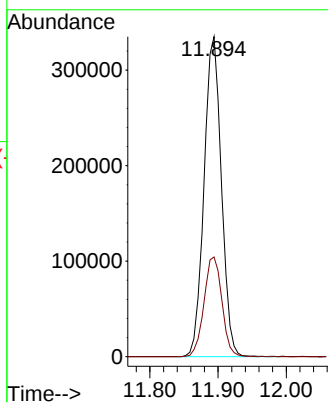
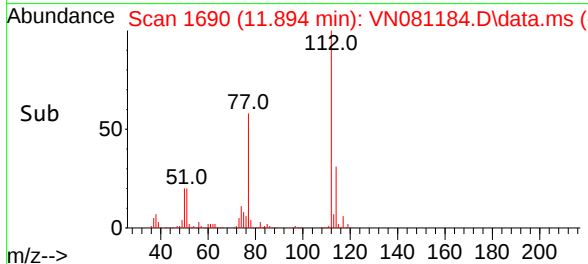
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 59238
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5

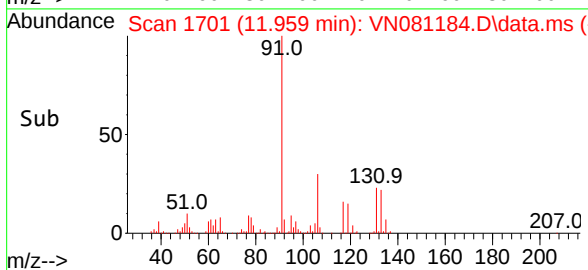
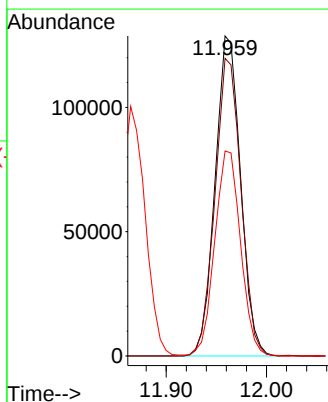
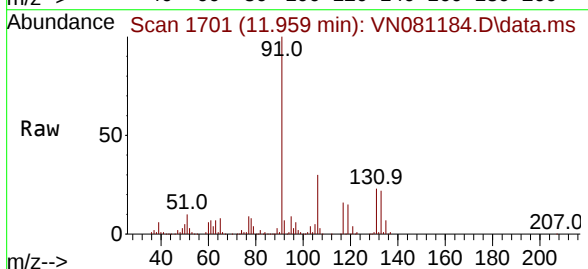
Manual Integrations
APPROVED

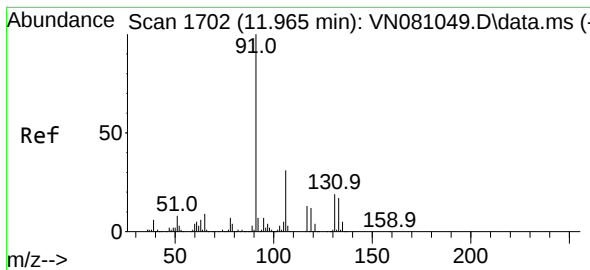
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.081 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion:131 Resp: 226663
Ion Ratio Lower Upper
131 100
133 95.1 46.8 140.3
119 65.2 34.6 103.9





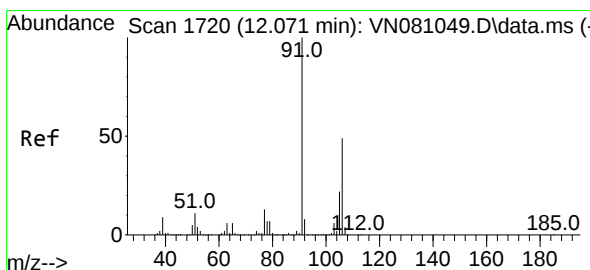
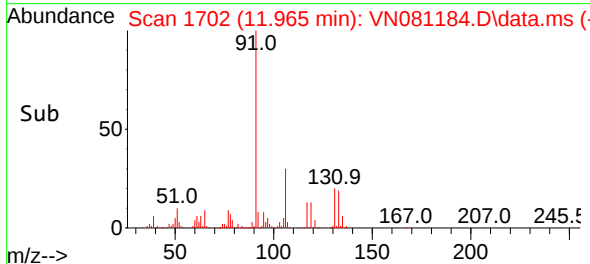
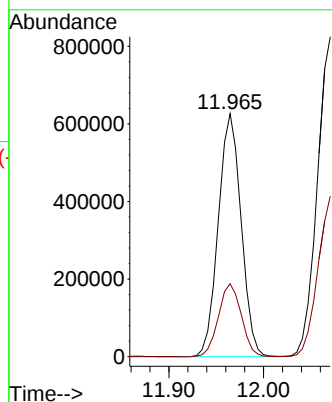
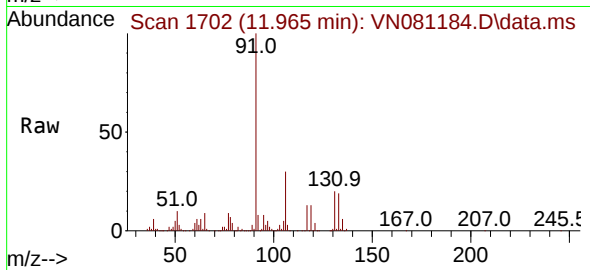
#67
Ethyl Benzene
Concen: 51.178 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 104923
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

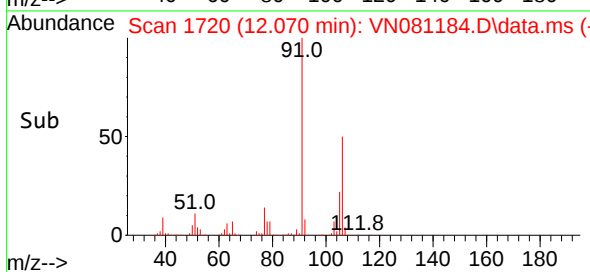
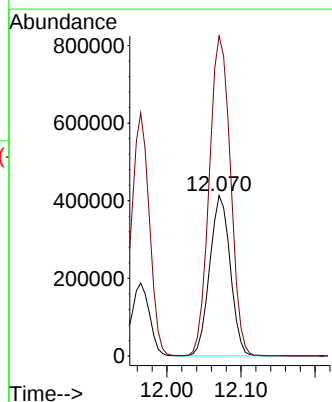
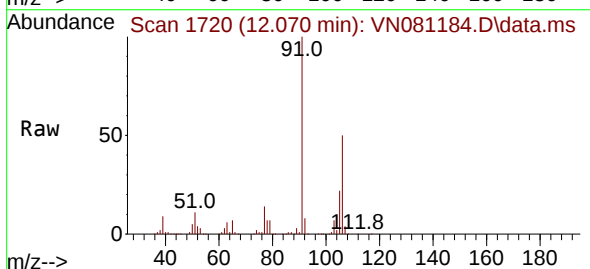
Manual Integrations
APPROVED

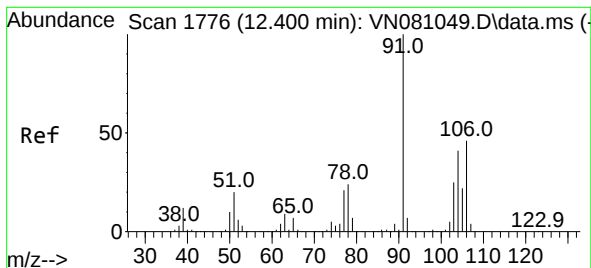
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#68
m/p-Xylenes
Concen: 101.211 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

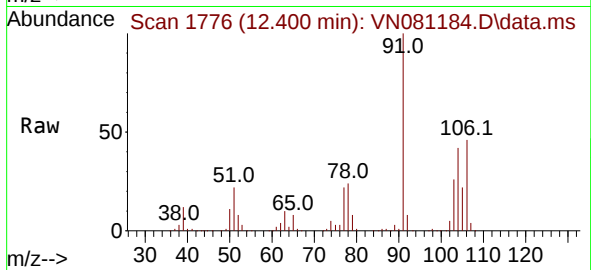
Tgt Ion:106 Resp: 795343
Ion Ratio Lower Upper
106 100
91 206.8 169.0 253.6





#69
o-Xylene
Concen: 51.313 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

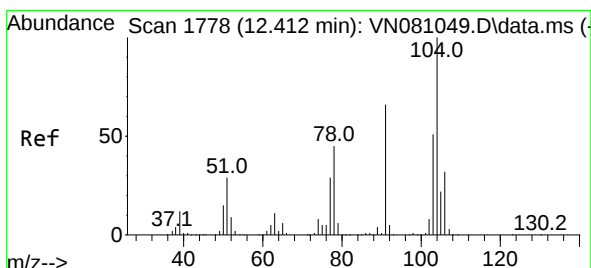
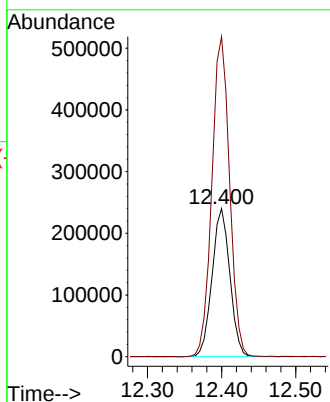
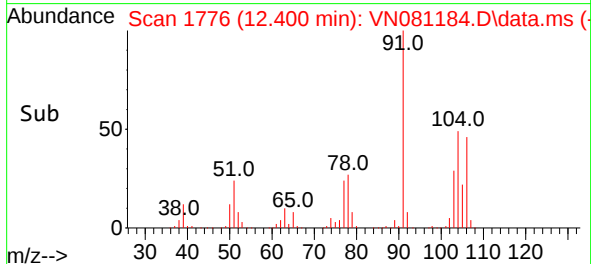
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 399704
Ion Ratio Lower Upper
106 100
91 215.2 112.1 336.3

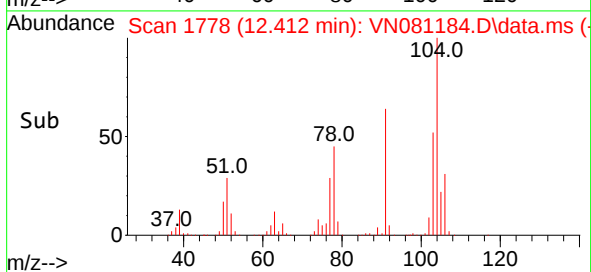
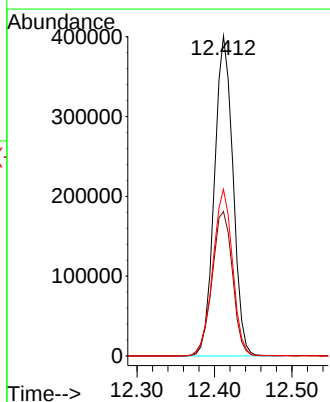
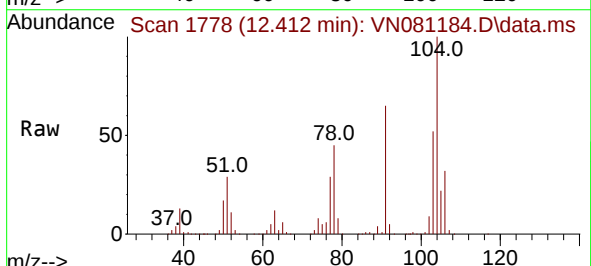
Manual Integrations
APPROVED

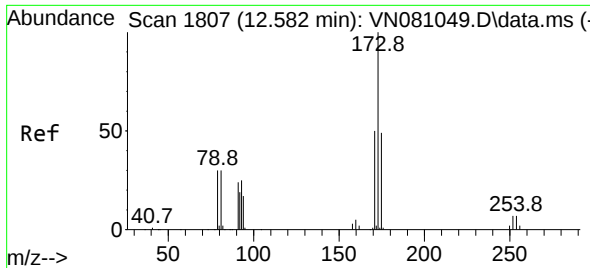
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#70
Styrene
Concen: 54.200 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

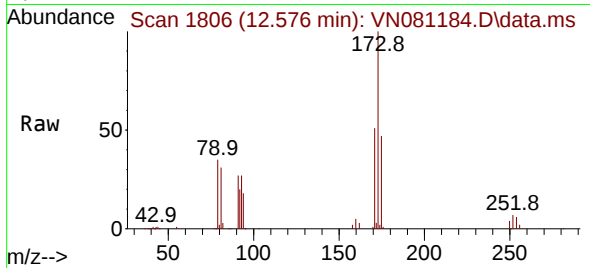
Tgt Ion:104 Resp: 669017
Ion Ratio Lower Upper
104 100
78 49.7 43.8 65.8
103 55.2 44.2 66.2





#71
Bromoform
Concen: 62.154 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

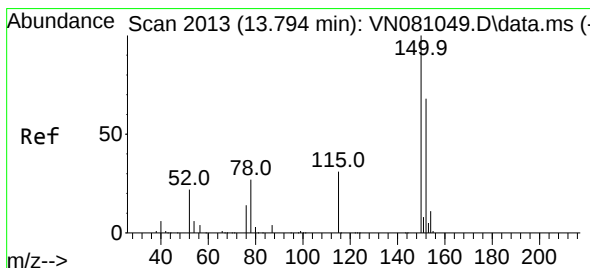
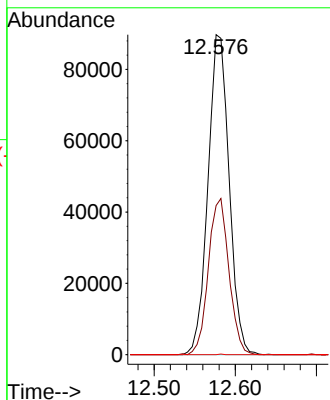
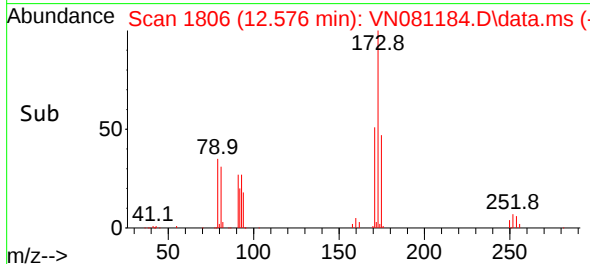
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



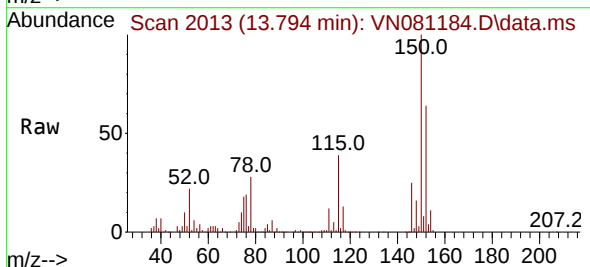
Tgt Ion:173 Resp: 16227
Ion Ratio Lower Upper
173 100
175 47.6 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
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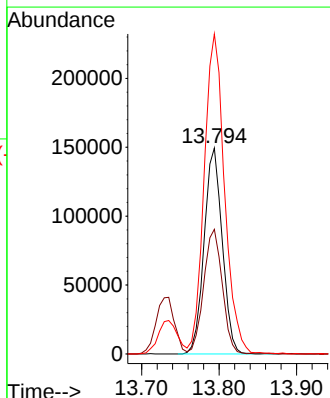
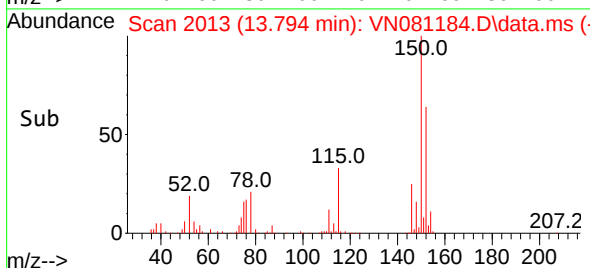
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

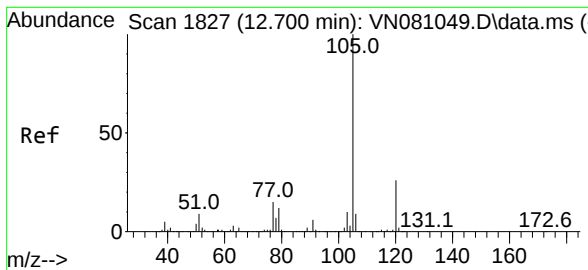


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



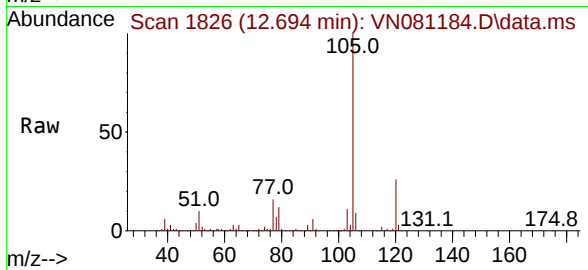
Tgt Ion:152 Resp: 242933
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 174.7 0.0 339.8





#73
Isopropylbenzene
Concen: 47.347 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

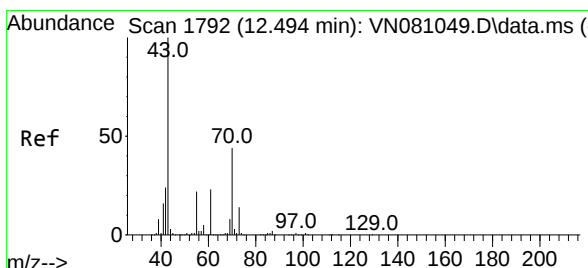
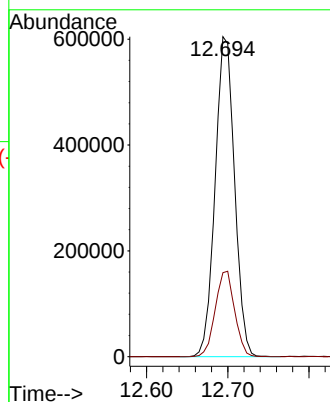
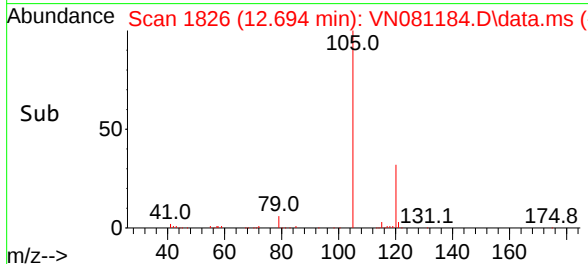
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 100636
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

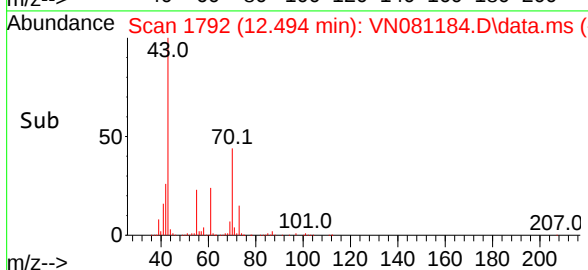
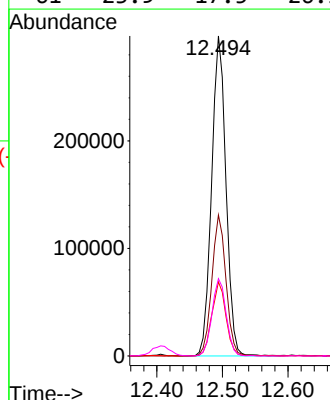
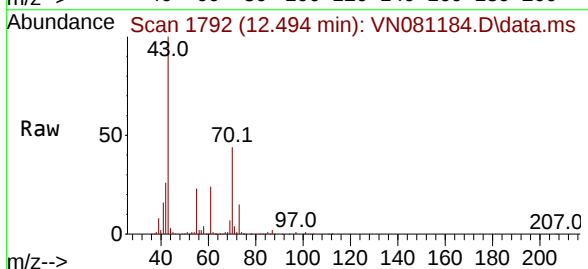
Manual Integrations
APPROVED

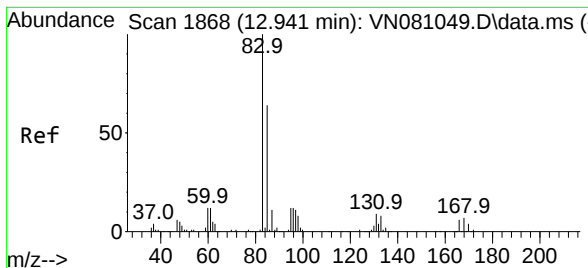
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#74
N-ethyl acetate
Concen: 50.396 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion: 43 Resp: 452716
Ion Ratio Lower Upper
43 100
70 43.4 30.1 45.1
55 22.9 17.0 25.4
61 23.9 17.5 26.3





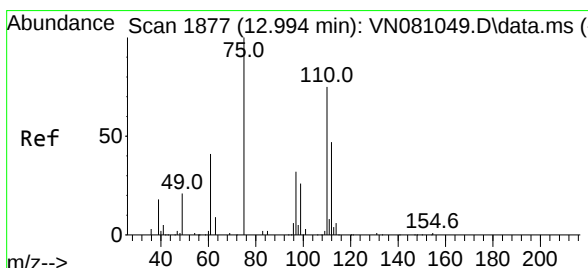
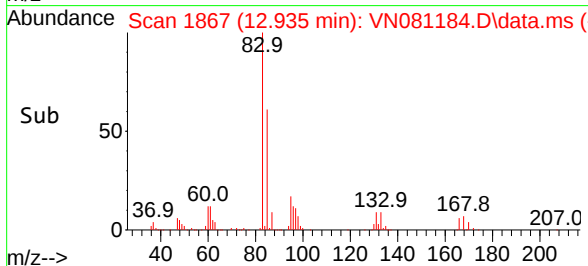
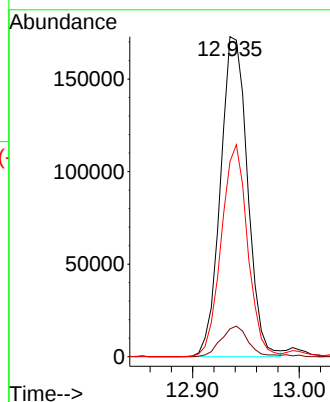
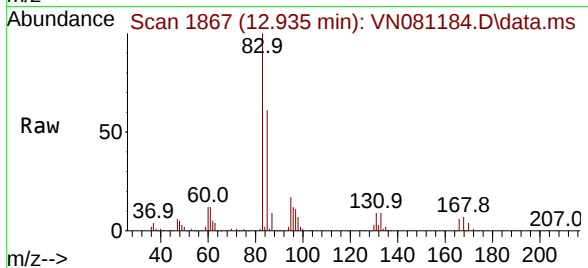
#75
1,1,2,2-Tetrachloroethane
Concen: 51.002 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 30482
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 64.4 32.1 96.3

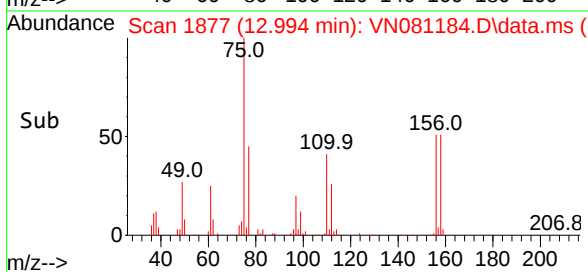
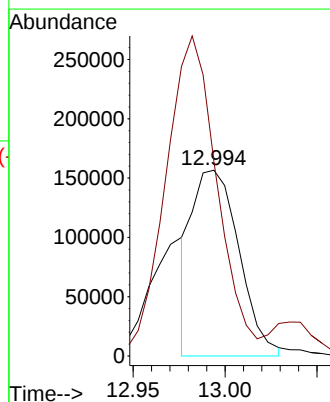
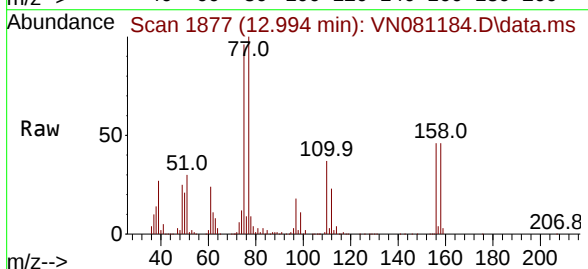
Manual Integrations
APPROVED

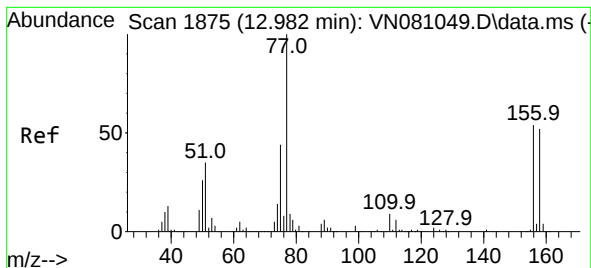
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#76
1,2,3-Trichloropropane
Concen: 50.193 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion: 75 Resp: 277045
Ion Ratio Lower Upper
75 100
77 190.1 91.0 272.8





#77

Bromobenzene

Concen: 49.627 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

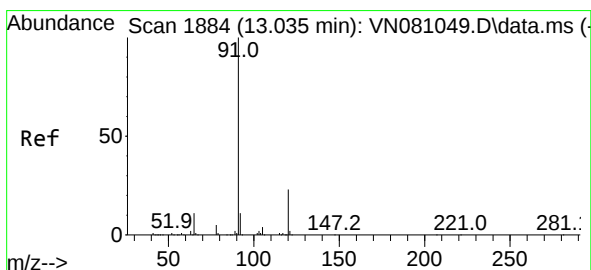
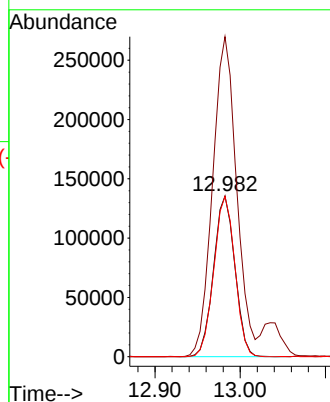
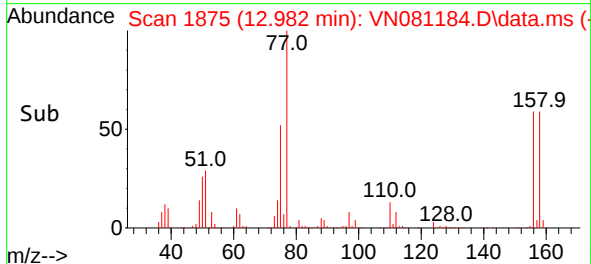
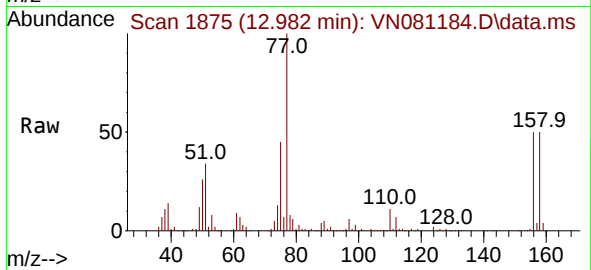
Tgt Ion:156 Resp: 235197
 Ion Ratio Lower Upper
 156 100
 77 223.9 138.1 414.3
 158 98.6 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#78

n-propylbenzene

Concen: 49.373 ug/l

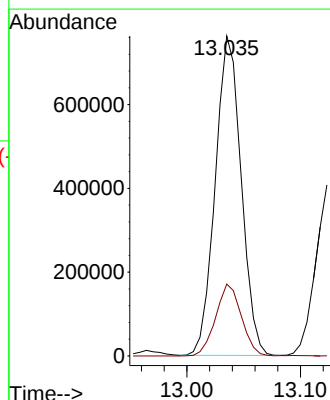
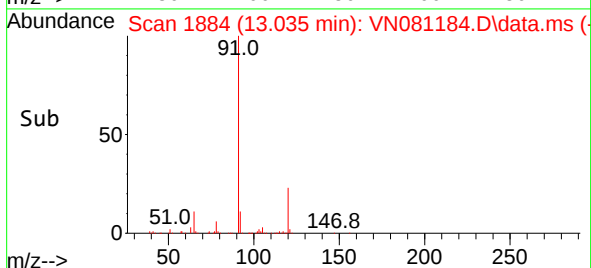
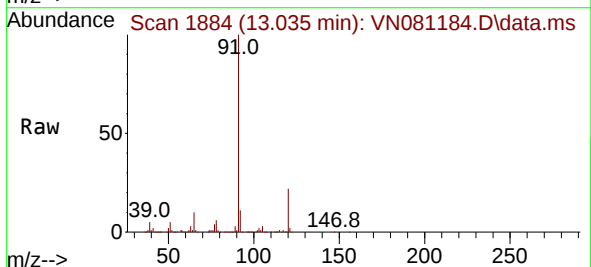
RT: 13.035 min Scan# 1884

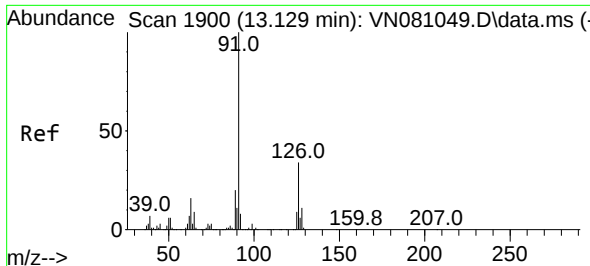
Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Tgt Ion: 91 Resp: 1208073
 Ion Ratio Lower Upper
 91 100
 120 22.4 10.3 30.9





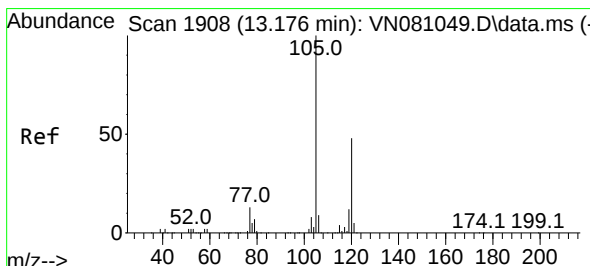
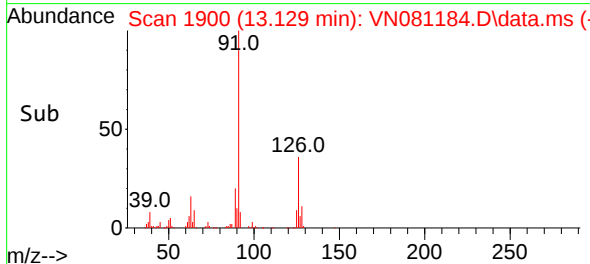
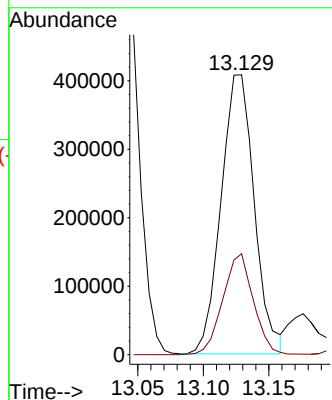
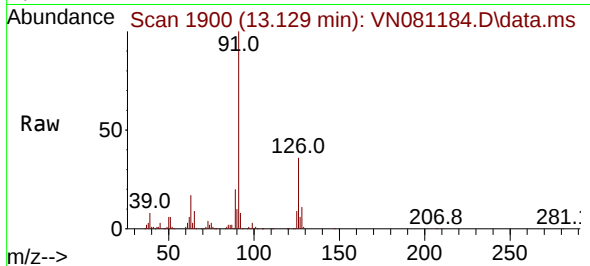
#79
2-Chlorotoluene
Concen: 47.917 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 719150
Ion Ratio Lower Upper
91 100
126 33.3 14.8 44.4

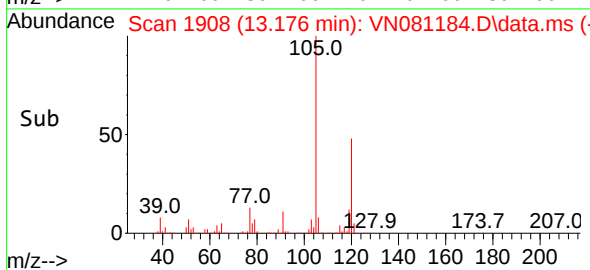
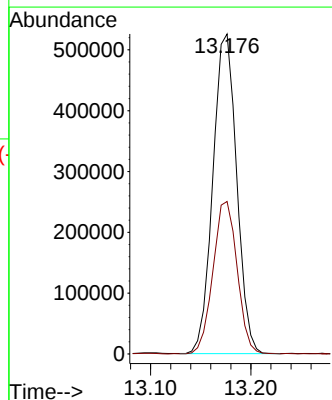
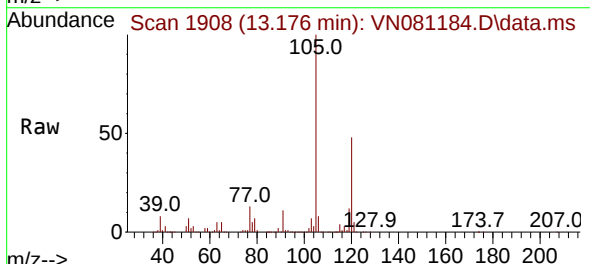
Manual Integrations
APPROVED

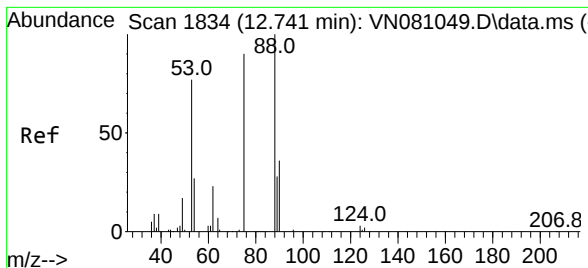
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.130 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

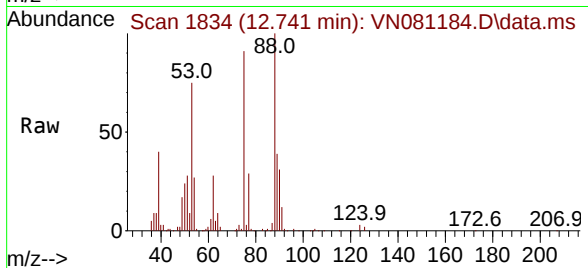
Tgt Ion:105 Resp: 863911
Ion Ratio Lower Upper
105 100
120 48.6 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 54.142 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

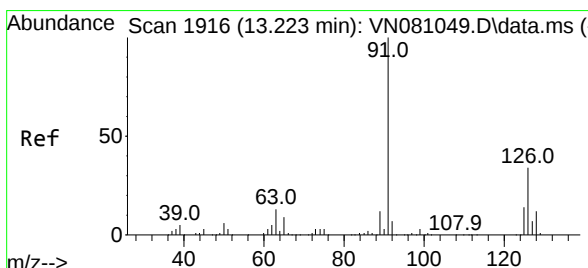
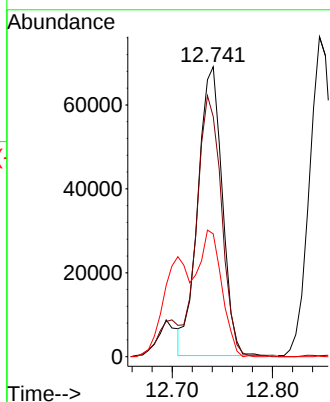
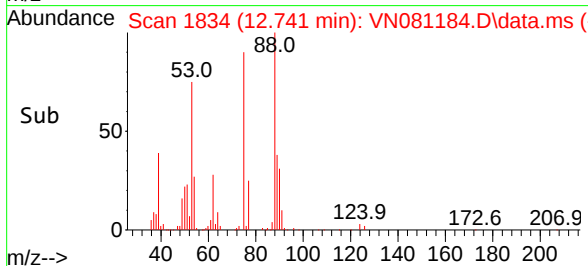
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 116104
Ion Ratio Lower Upper
75 100
53 103.3 71.4 107.2
89 43.2 33.4 50.0

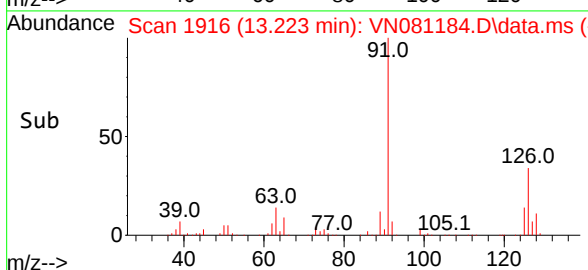
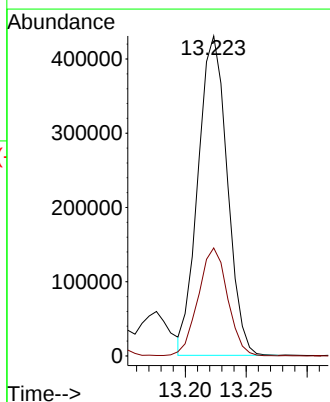
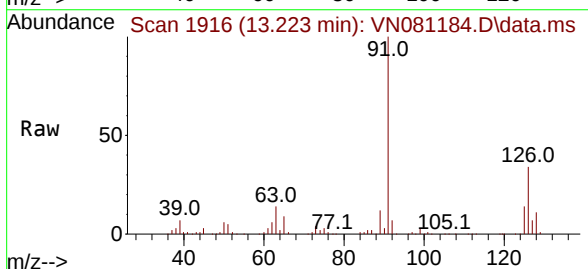
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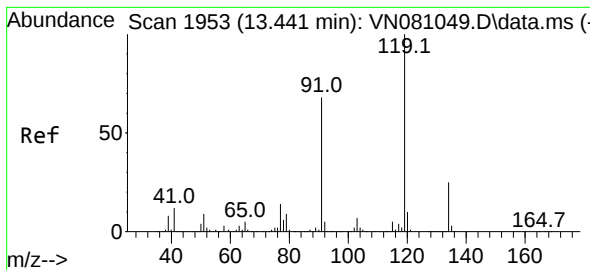
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#82
4-Chlorotoluene
Concen: 48.964 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion: 91 Resp: 718534
Ion Ratio Lower Upper
91 100
126 34.1 15.3 45.9





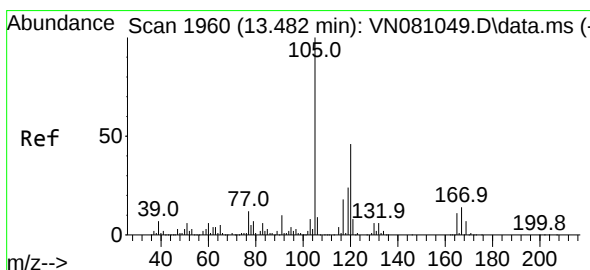
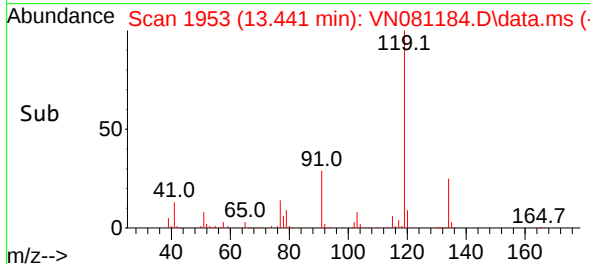
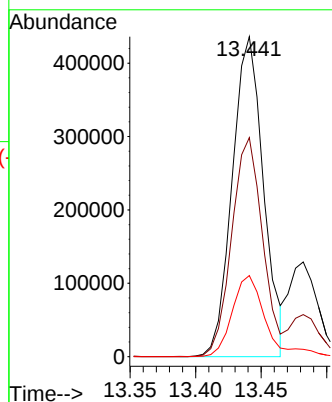
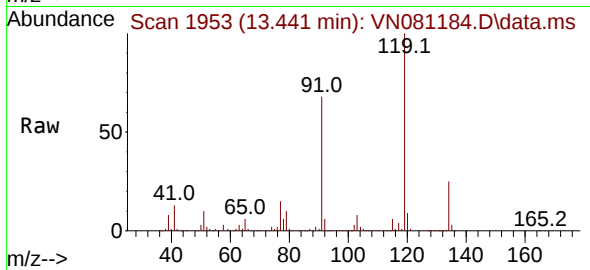
#83
tert-Butylbenzene
Concen: 48.580 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 723912
Ion Ratio Lower Upper
119 100
91 67.5 36.8 110.4
134 27.1 12.4 37.4

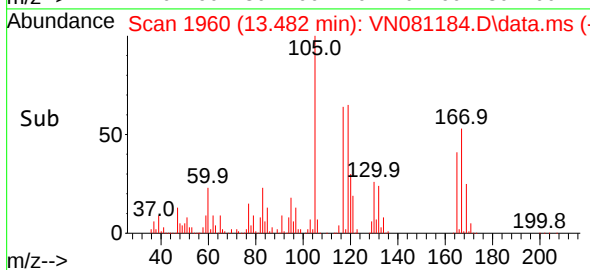
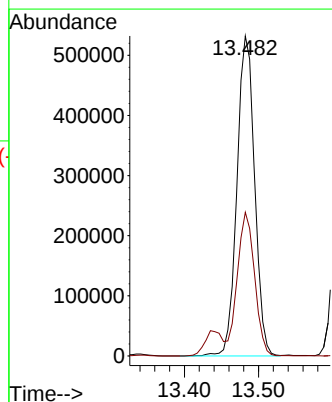
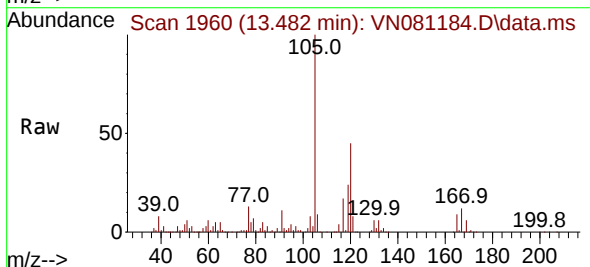
Manual Integrations
APPROVED

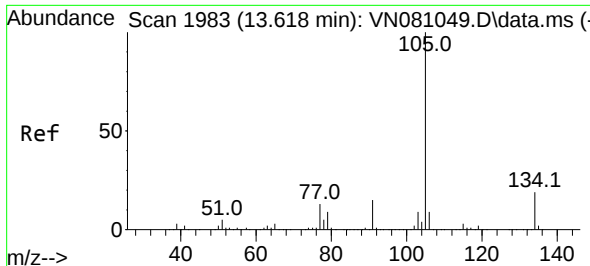
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.242 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

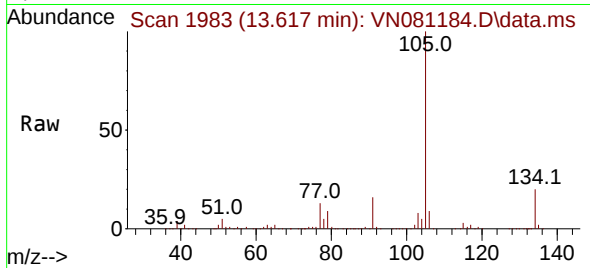
Tgt Ion:105 Resp: 879978
Ion Ratio Lower Upper
105 100
120 44.4 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 50.153 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081184.D
 Acq: 26 Feb 2024 10:31

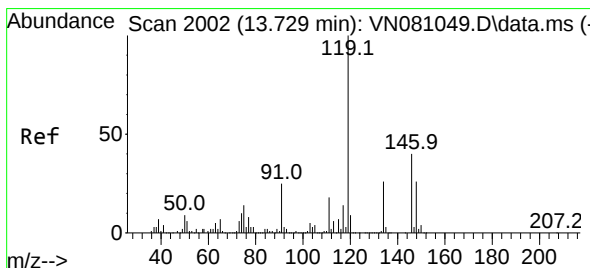
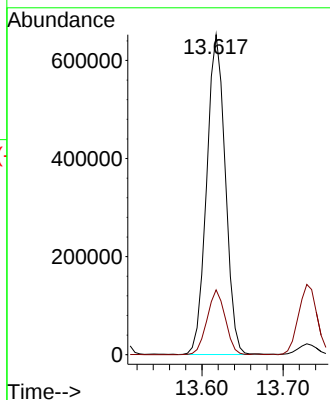
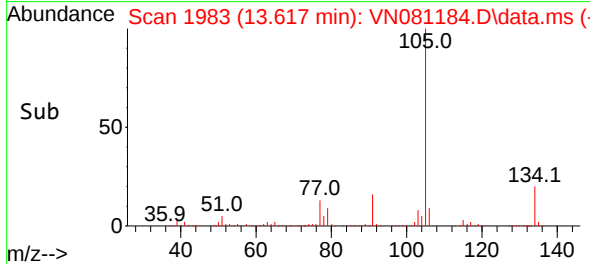
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



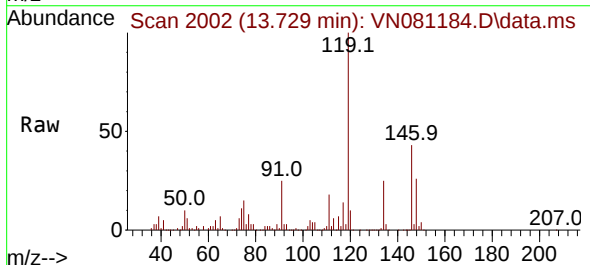
Tgt Ion:105 Resp: 103896
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

Manual Integrations
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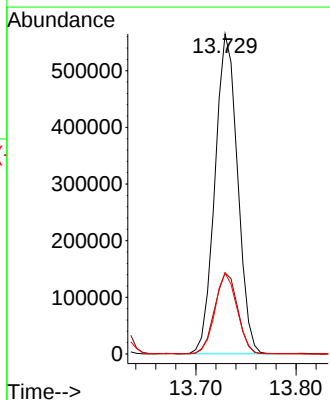
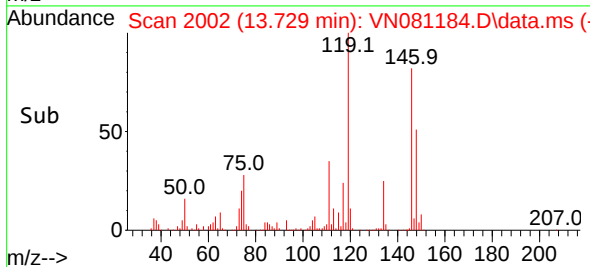
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

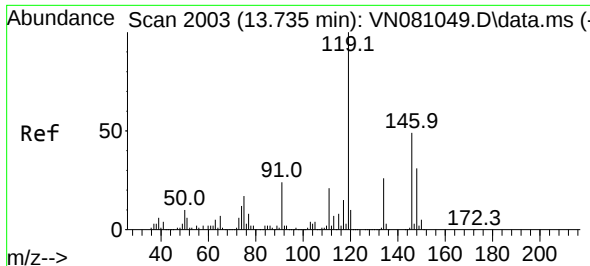


#86
 p-Isopropyltoluene
 Concen: 51.276 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081184.D
 Acq: 26 Feb 2024 10:31



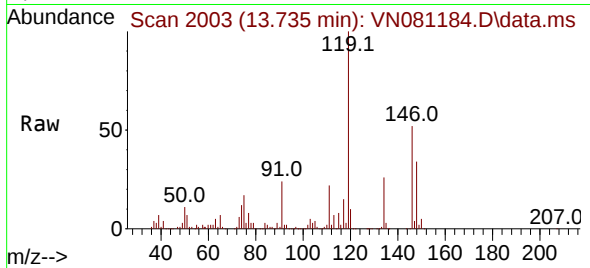
Tgt Ion:119 Resp: 882308
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 49.566 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

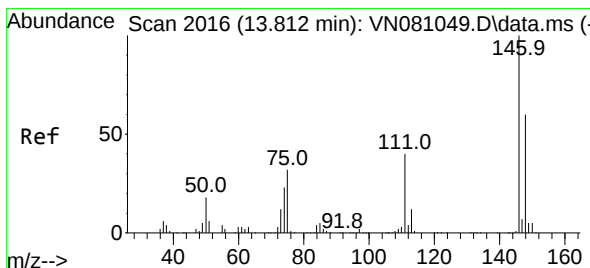
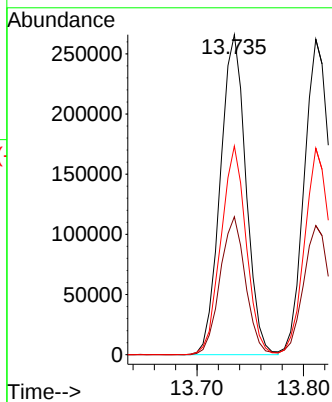
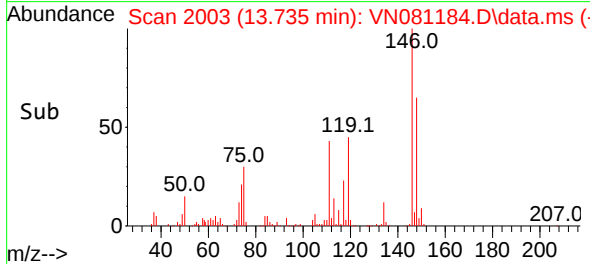
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 44384
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.7
148 64.3 32.6 97.7

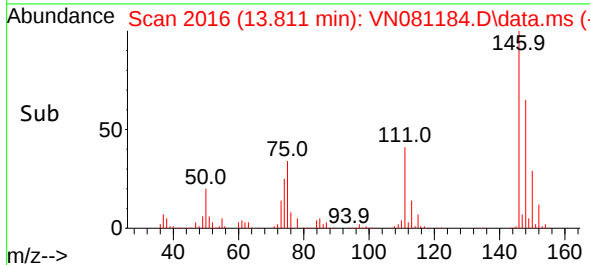
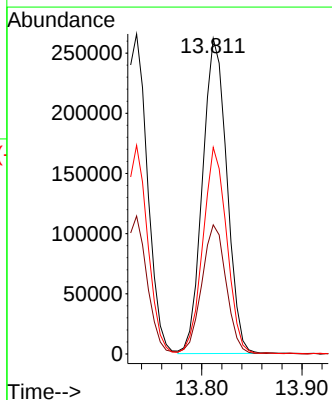
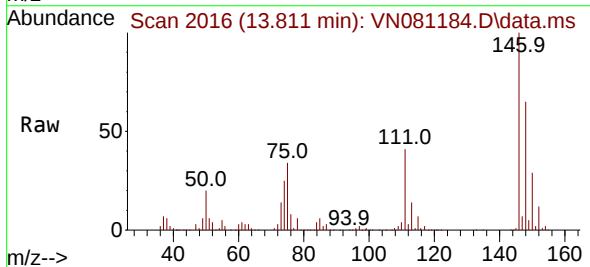
Manual Integrations
APPROVED

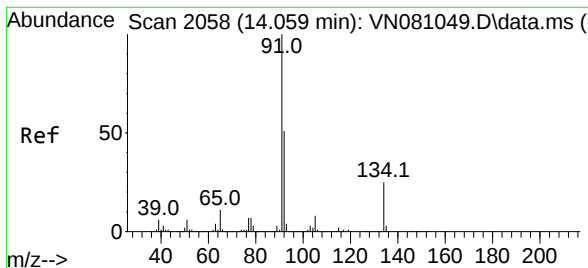
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#88
1,4-Dichlorobenzene
Concen: 50.173 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

Tgt Ion:146 Resp: 441471
Ion Ratio Lower Upper
146 100
111 40.9 22.6 67.7
148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 52.419 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

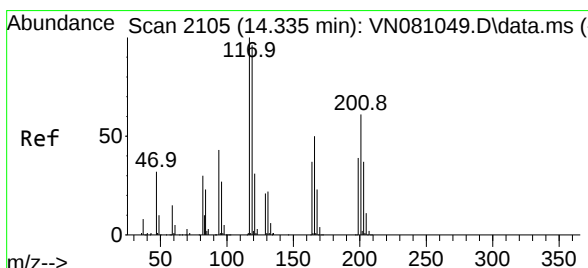
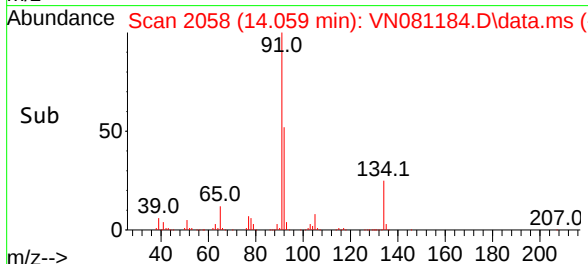
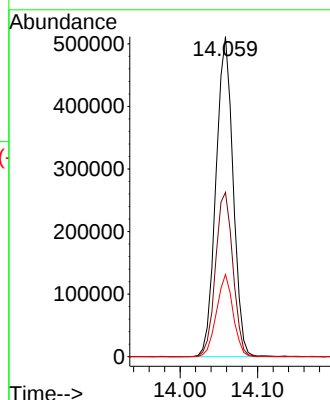
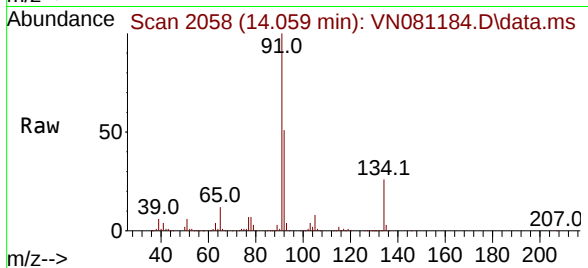
Tgt Ion: 91 Resp: 78580
 Ion Ratio Lower Upper
 91 100
 92 52.2 26.7 80.1
 134 24.9 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#90

Hexachloroethane

Concen: 52.968 ug/l

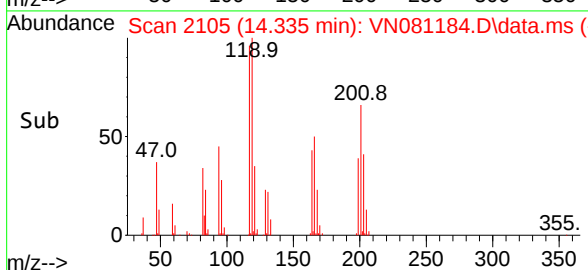
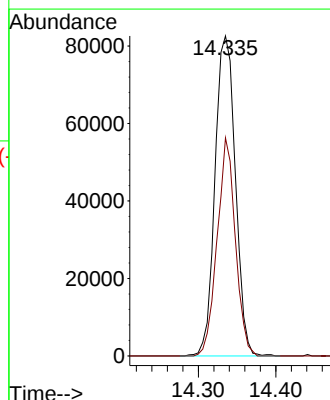
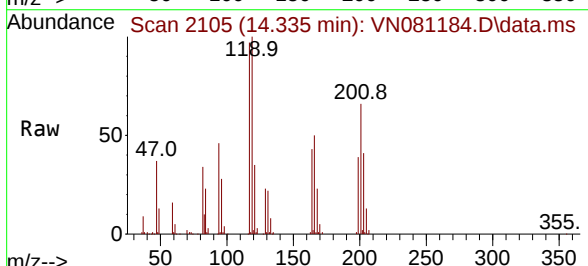
RT: 14.335 min Scan# 2105

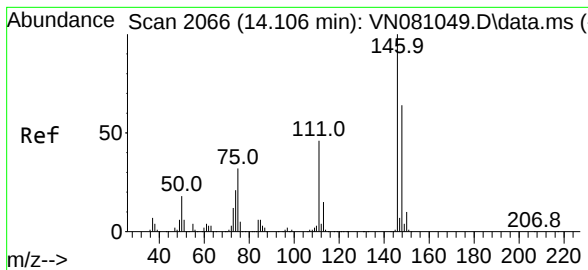
Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

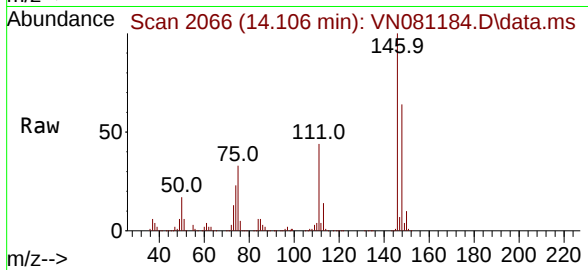
Tgt Ion:117 Resp: 150653
 Ion Ratio Lower Upper
 117 100
 201 61.0 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 50.537 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

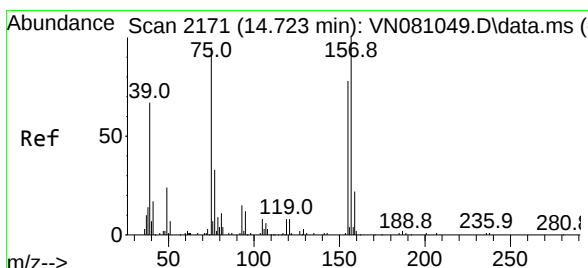
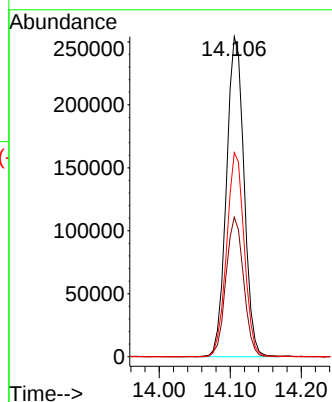
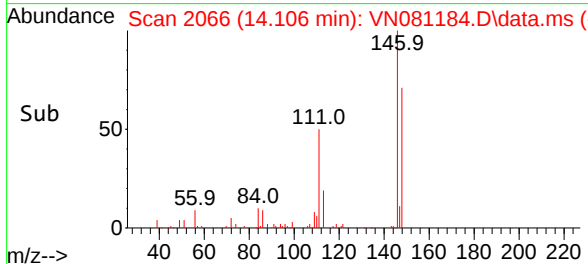
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



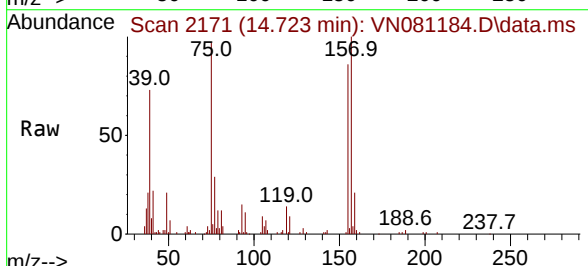
Tgt Ion:146 Resp: 436469
Ion Ratio Lower Upper
146 100
111 43.8 23.9 71.8
148 63.8 31.4 94.0

Manual Integrations
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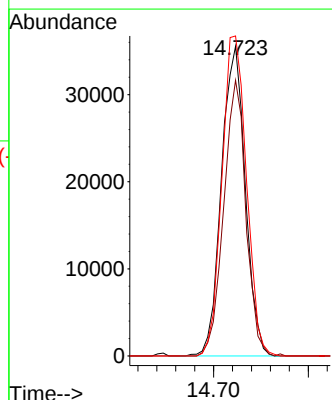
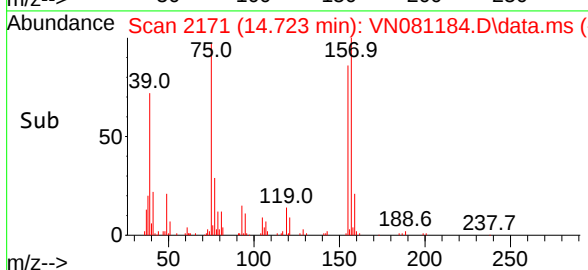
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

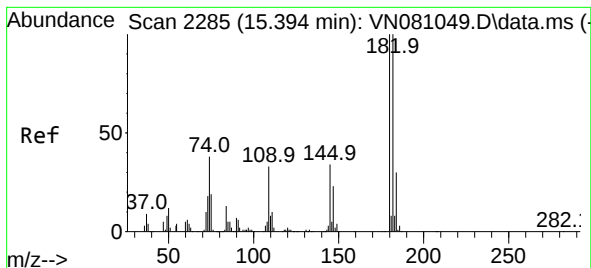


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.122 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



Tgt Ion: 75 Resp: 62282
Ion Ratio Lower Upper
75 100
155 82.8 31.8 95.4
157 106.0 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 52.141 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 251229

Ion Ratio Lower Upper

180 100

182 94.9 46.6 139.7

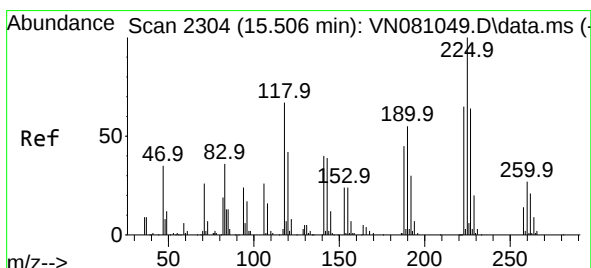
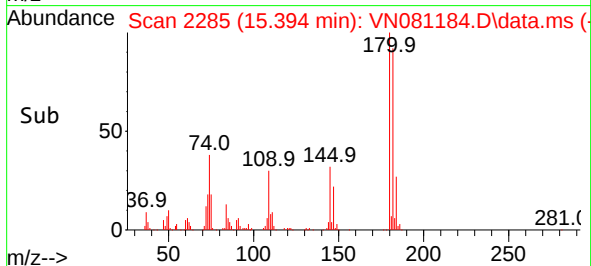
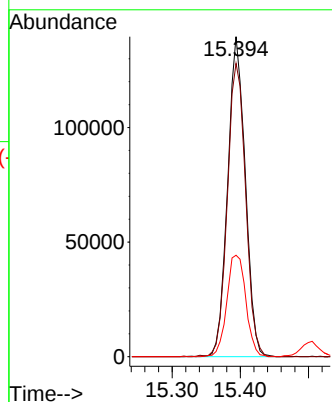
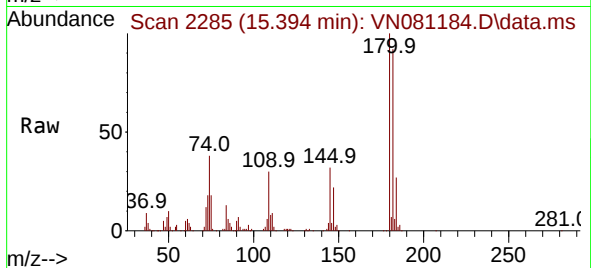
145 34.3 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#94

Hexachlorobutadiene

Concen: 50.545 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081184.D

Acq: 26 Feb 2024 10:31

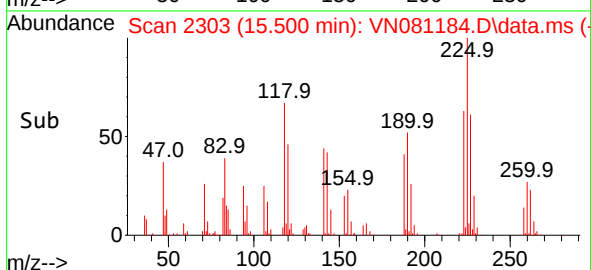
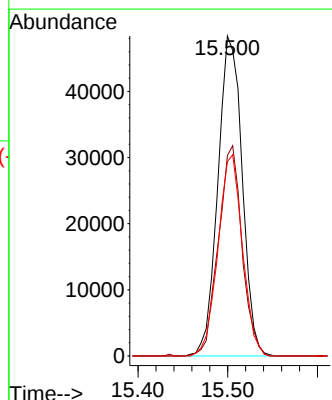
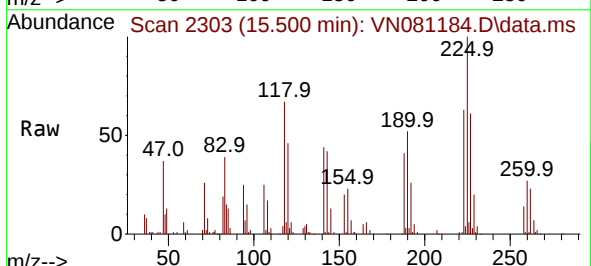
Tgt Ion:225 Resp: 90827

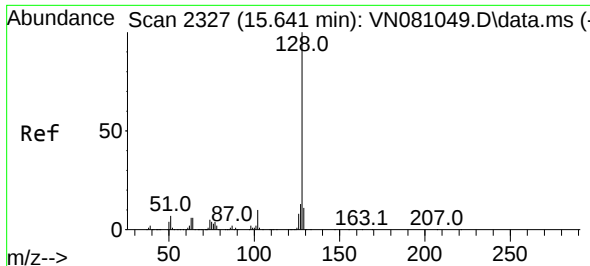
Ion Ratio Lower Upper

225 100

223 63.9 33.3 99.8

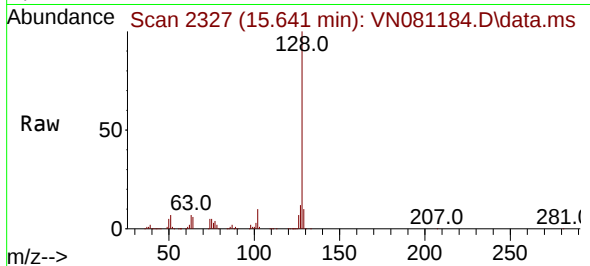
227 63.1 33.1 99.2





#95
Naphthalene
Concen: 51.948 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31

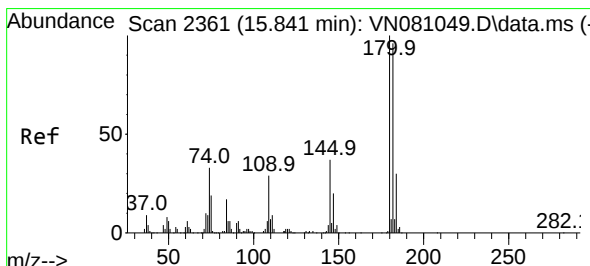
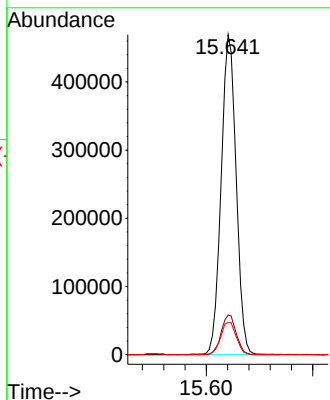
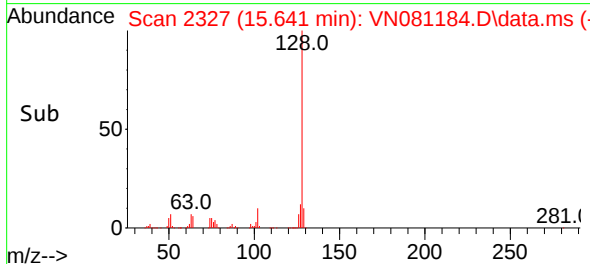
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



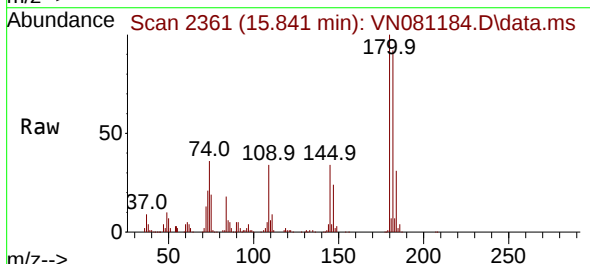
Tgt Ion:128 Resp: 917229
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.650 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081184.D
Acq: 26 Feb 2024 10:31



Tgt Ion:180 Resp: 251663
Ion Ratio Lower Upper
180 100
182 94.9 46.5 139.3
145 35.7 17.8 53.4

