

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081449.D
 Acq On : 16 Mar 2024 00:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 16 01:35:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	455772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226608	59.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.560%	
35) Dibromofluoromethane	8.171	113	172705	56.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.120%	
50) Toluene-d8	10.571	98	594378	51.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.853	95	211353	51.924	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	171591	49.376	ug/l	97
3) Chloromethane	2.365	50	182686	48.667	ug/l	99
4) Vinyl Chloride	2.518	62	193643	49.450	ug/l	94
5) Bromomethane	2.947	94	116415	44.511	ug/l	97
6) Chloroethane	3.112	64	139888	52.010	ug/l	90
7) Trichlorofluoromethane	3.495	101	285390	49.264	ug/l	95
8) Diethyl Ether	3.959	74	115564	56.621	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	149684	45.373	ug/l	93
10) Methyl Iodide	4.589	142	178542	59.141	ug/l	92
11) Tert butyl alcohol	5.518	59	211014	318.368	ug/l	100
12) 1,1-Dichloroethene	4.342	96	150413	49.233	ug/l	91
13) Acrolein	4.177	56	207875	264.865	ug/l	99
14) Allyl chloride	5.024	41	238424	52.586	ug/l	89
15) Acrylonitrile	5.724	53	502947	290.466	ug/l	98
16) Acetone	4.424	43	378521	281.849	ug/l	97
17) Carbon Disulfide	4.712	76	382394	43.854	ug/l #	95
18) Methyl Acetate	5.024	43	272986	70.996	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	598628	57.773	ug/l	96
20) Methylene Chloride	5.277	84	189990	57.377	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	169786	49.293	ug/l	96
22) Diisopropyl ether	6.677	45	616186	61.188	ug/l #	93
23) Vinyl Acetate	6.606	43	2382245	291.190	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	347375	56.351	ug/l	98
25) 2-Butanone	7.482	43	652759	290.232	ug/l	95
26) 2,2-Dichloropropane	7.494	77	246127	45.175	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	203137	52.018	ug/l	92
28) Bromochloromethane	7.812	49	153365	58.143	ug/l #	72
29) Tetrahydrofuran	7.841	42	442415	288.471	ug/l	91
30) Chloroform	7.965	83	374488	58.540	ug/l	97
31) Cyclohexane	8.259	56	240879	41.974	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	308625	54.580	ug/l	97
36) 1,1-Dichloropropene	8.371	75	237986	47.882	ug/l	97
37) Ethyl Acetate	7.559	43	263615	54.258	ug/l	99
38) Carbon Tetrachloride	8.359	117	252252	50.428	ug/l	98
39) Methylcyclohexane	9.606	83	230192	40.243	ug/l	96
40) Benzene	8.606	78	766229	51.648	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	153837	56.068	ug/l	98
42) 1,2-Dichloroethane	8.671	62	300229	57.396	ug/l	100
43) Isopropyl Acetate	8.694	43	454776	53.478	ug/l	97
44) Trichloroethene	9.359	130	181356	48.469	ug/l	97
45) 1,2-Dichloropropane	9.624	63	203088	54.493	ug/l	95
46) Dibromomethane	9.712	93	146954	55.942	ug/l	93
47) Bromodichloromethane	9.888	83	293246	57.503	ug/l	98
48) Methyl methacrylate	9.682	41	218973	58.254	ug/l	92
49) 1,4-Dioxane	9.700	88	80591	972.725	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	1440308	291.691	ug/l	97
52) Toluene	10.629	92	455295	50.804	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	306314	55.515	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	320176	53.752	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	199181	56.046	ug/l	94
56) Ethyl methacrylate	10.876	69	298086	58.413	ug/l	95
57) 1,3-Dichloropropane	11.165	76	342412	55.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	810756	295.355	ug/l	91
59) 2-Hexanone	11.200	43	1074723	291.140	ug/l	98
60) Dibromochloromethane	11.365	129	209881	57.344	ug/l	99
61) 1,2-Dibromoethane	11.470	107	204281	55.399	ug/l	98
64) Tetrachloroethene	11.106	164	178167	49.925	ug/l	92
65) Chlorobenzene	11.894	112	485278	50.527	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	188620	53.670	ug/l	98
67) Ethyl Benzene	11.965	91	865119	50.005	ug/l	99
68) m/p-Xylenes	12.076	106	643153	98.780	ug/l	99
69) o-Xylene	12.400	106	319059	50.563	ug/l	99
70) Styrene	12.412	104	555627	55.564	ug/l	98
71) Bromoform	12.582	173	136535	55.959	ug/l #	97
73) Isopropylbenzene	12.700	105	817041	50.104	ug/l	100
74) N-amyl acetate	12.494	43	400162	58.484	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	271409	53.931	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	232981m	48.844	ug/l	
77) Bromobenzene	12.982	156	185983	48.103	ug/l	85
78) n-propylbenzene	13.041	91	978672	50.741	ug/l	98
79) 2-Chlorotoluene	13.129	91	598090	50.731	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	712147	52.831	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	91931m	53.788	ug/l	
82) 4-Chlorotoluene	13.223	91	590684	50.725	ug/l	96
83) tert-Butylbenzene	13.441	119	561560	48.592	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	721397	52.821	ug/l	99
85) sec-Butylbenzene	13.617	105	826656	49.445	ug/l	94
86) p-Isopropyltoluene	13.729	119	679708	50.696	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	353596	48.434	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	353732	48.476	ug/l	97
89) n-Butylbenzene	14.059	91	599406	48.750	ug/l	98
90) Hexachloroethane	14.335	117	122967	52.385	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	357883	51.093	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59478	55.230	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	185156	49.453	ug/l	98
94) Hexachlorobutadiene	15.506	225	69141	44.691	ug/l	95
95) Naphthalene	15.647	128	728827	54.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	194719	51.284	ug/l	100

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VSTDCCC050EC

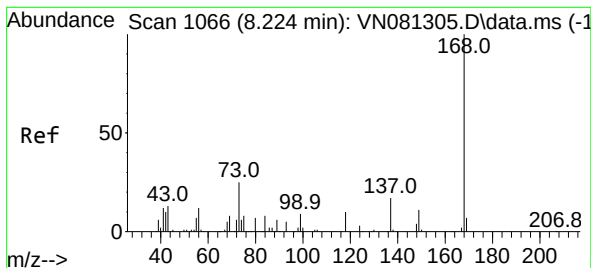
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

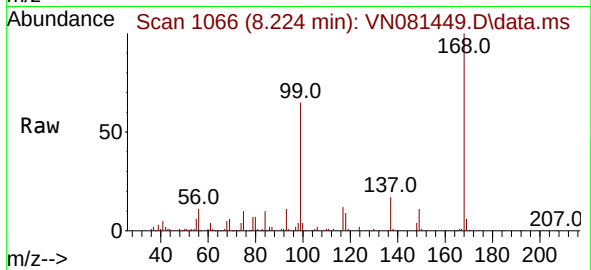
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081449.D
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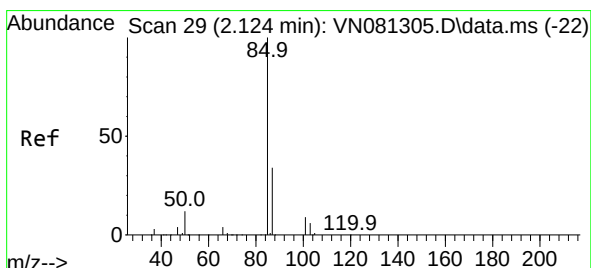
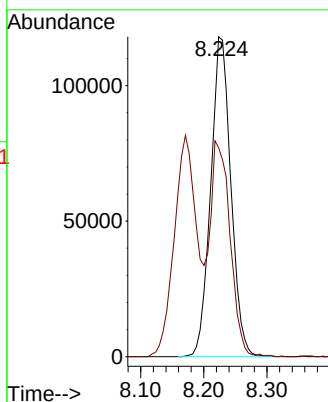
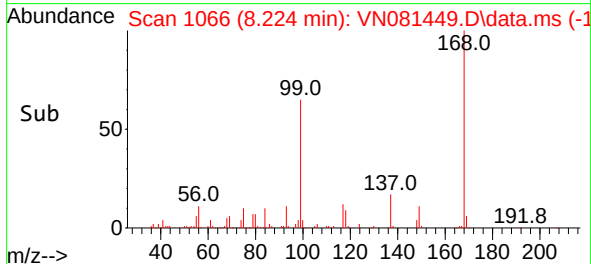
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 26215
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9

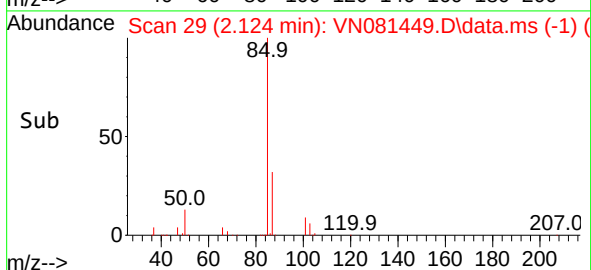
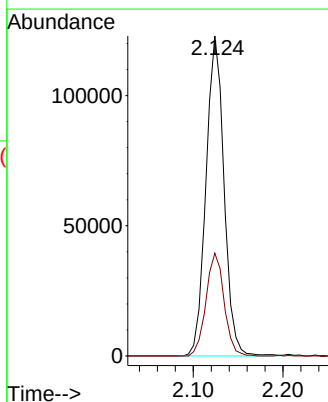
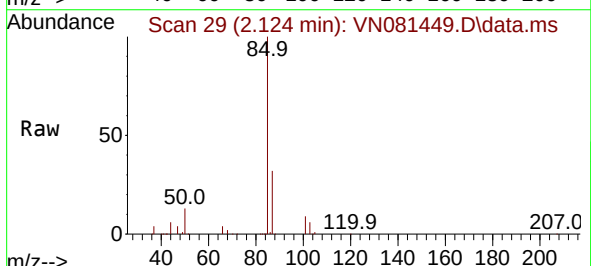
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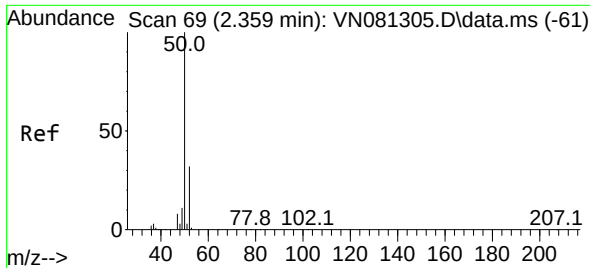
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#2
Dichlorodifluoromethane
Concen: 49.376 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

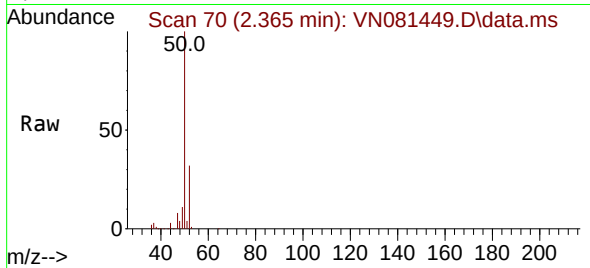
Tgt Ion: 85 Resp: 171591
Ion Ratio Lower Upper
85 100
87 32.1 15.3 45.9





#3
Chloromethane
Concen: 48.667 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

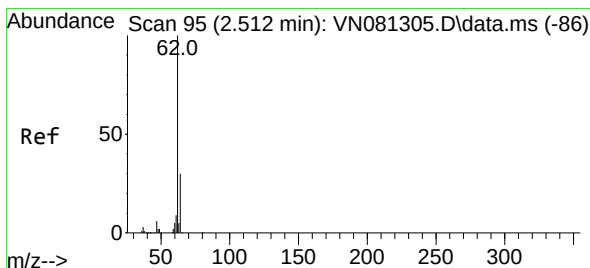
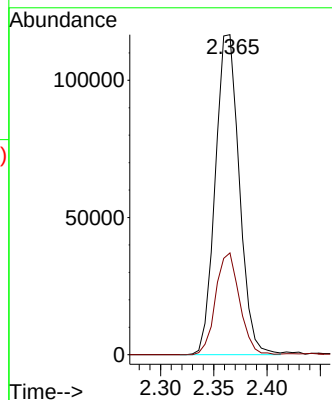
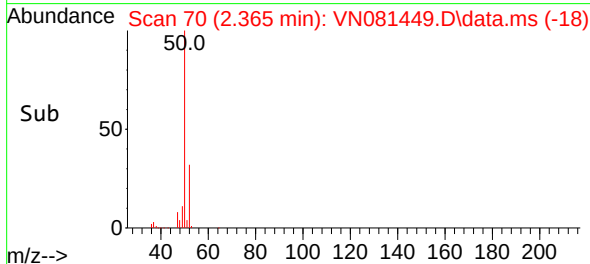
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Tgt Ion: 50 Resp: 182680
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

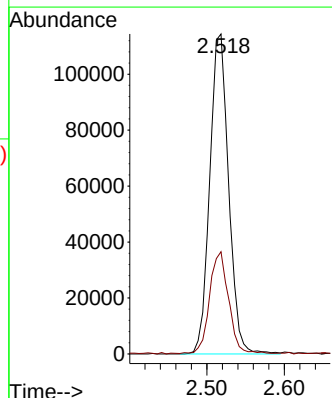
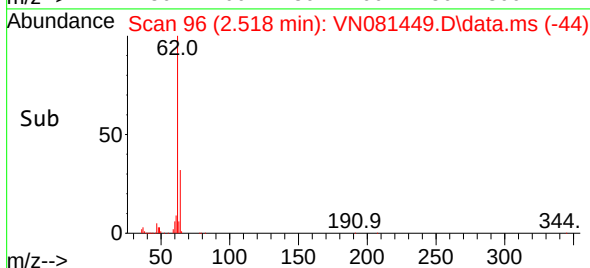
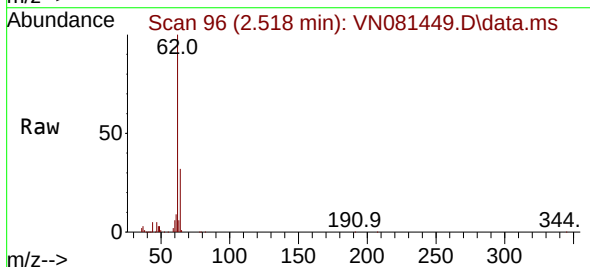
Manual Integrations
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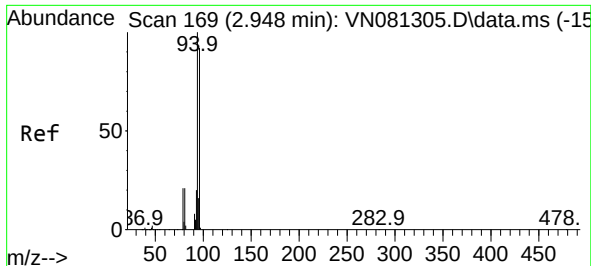
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#4
Vinyl Chloride
Concen: 49.450 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion: 62 Resp: 193643
Ion Ratio Lower Upper
62 100
64 31.8 22.7 34.1





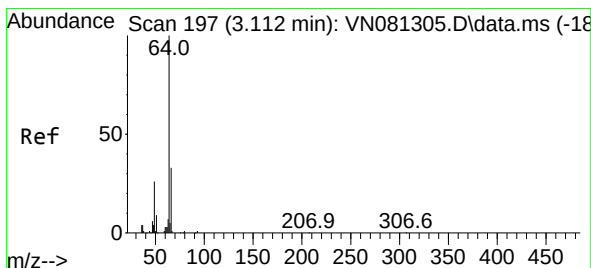
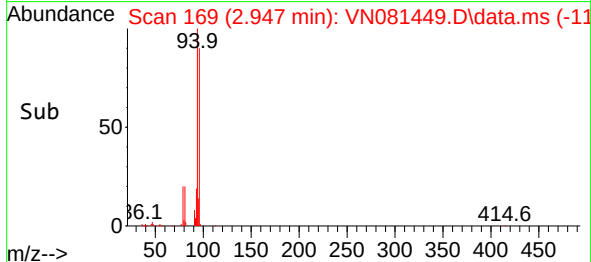
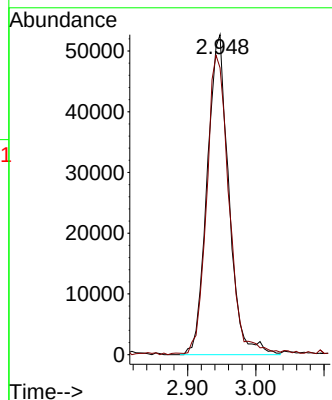
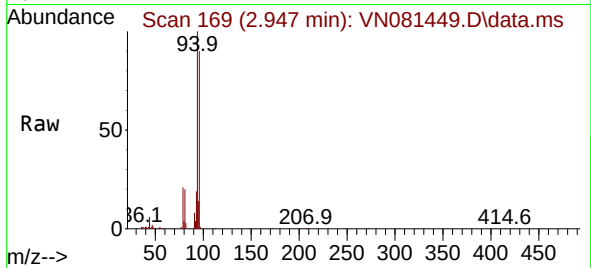
#5
Bromomethane
Concen: 44.511 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN081449.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 116415
Ion Ratio Lower Upper
94 100
96 89.2 69.2 103.8

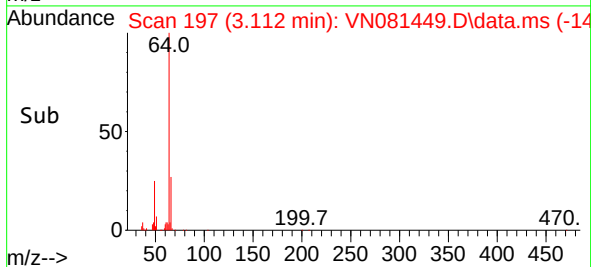
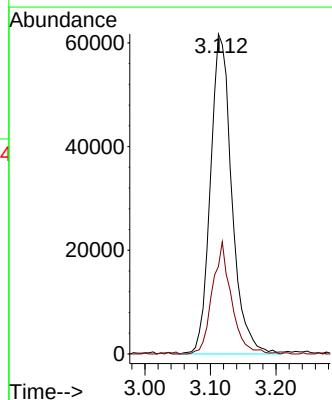
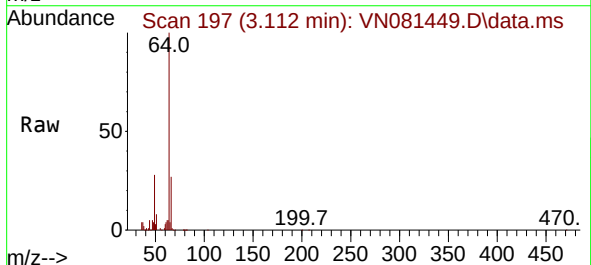
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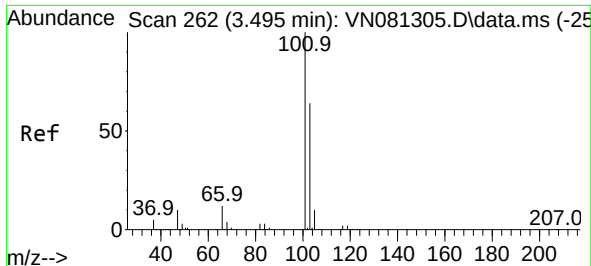
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#6
Chloroethane
Concen: 52.010 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

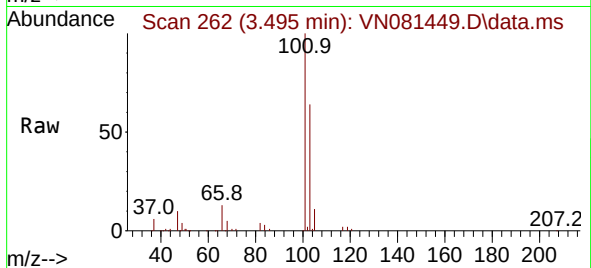
Tgt Ion: 64 Resp: 139888
Ion Ratio Lower Upper
64 100
66 27.3 26.4 39.6





#7
Trichlorofluoromethane
Concen: 49.264 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN081449.D
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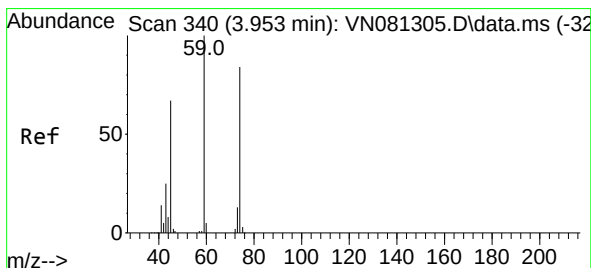
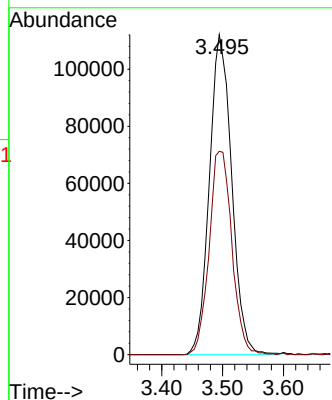
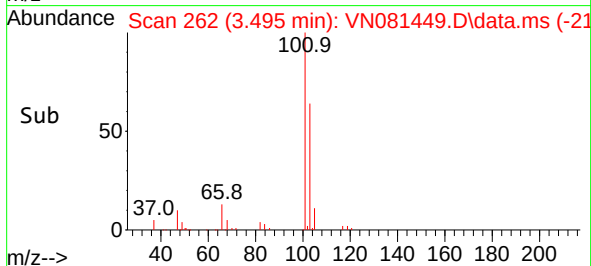
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 285390
Ion Ratio Lower Upper
101 100
103 63.6 54.4 81.6

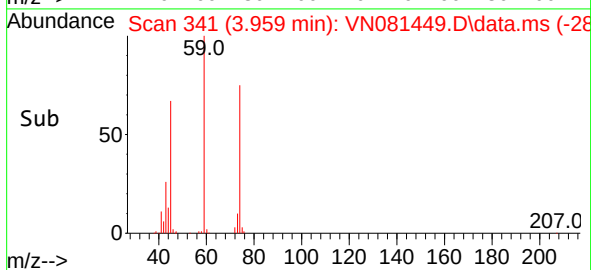
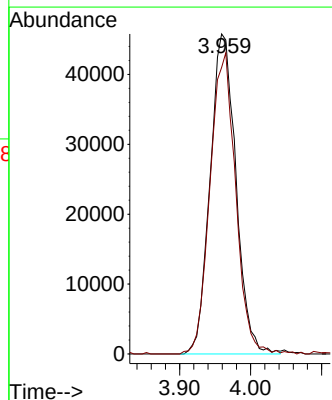
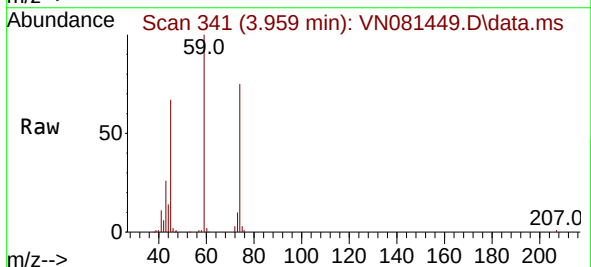
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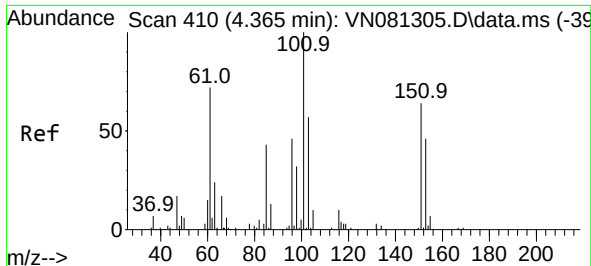
Reviewed By :John Carlone 03/18/2024
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#8
Diethyl Ether
Concen: 56.621 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 115564
Ion Ratio Lower Upper
74 100
45 93.5 53.3 159.9





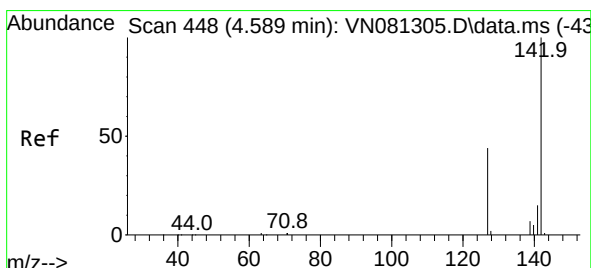
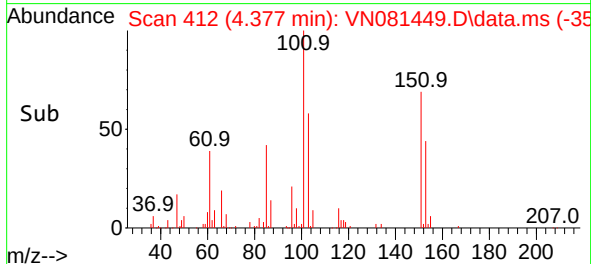
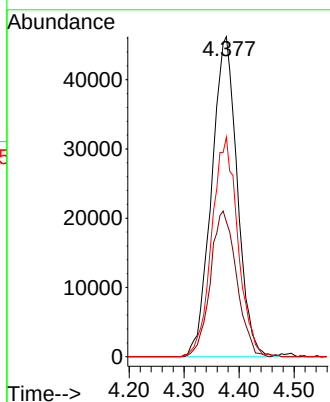
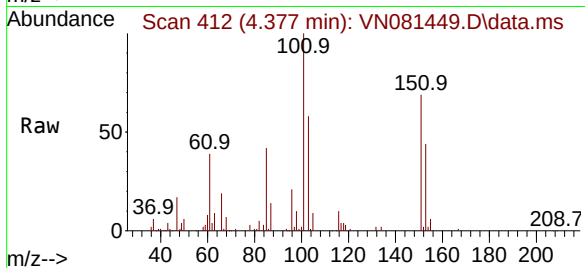
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.373 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 149684
Ion Ratio Lower Upper
101 100
85 46.4 38.1 57.1
151 69.7 49.1 73.7

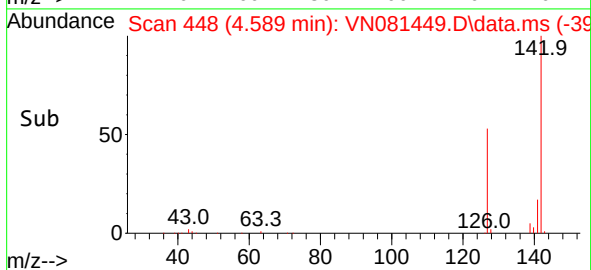
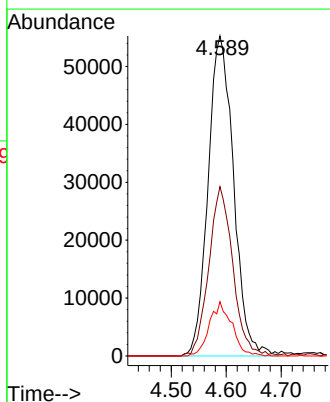
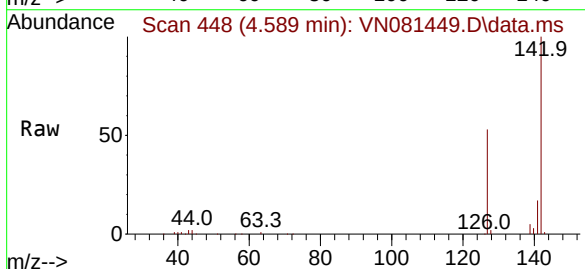
Manual Integrations
APPROVED

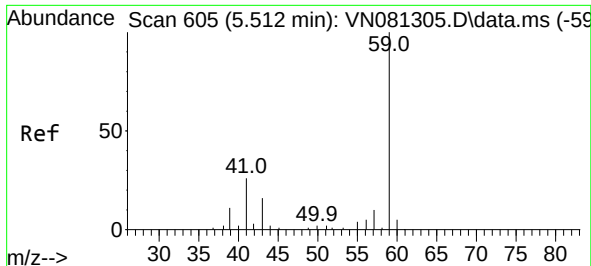
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#10
Methyl Iodide
Concen: 59.141 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

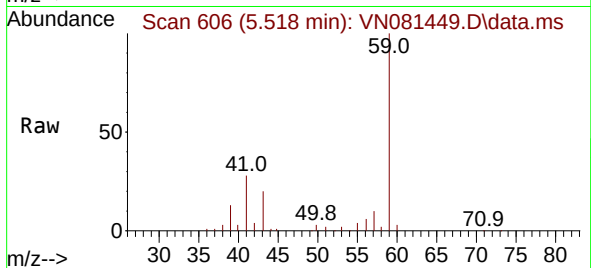
Tgt Ion:142 Resp: 178542
Ion Ratio Lower Upper
142 100
127 52.9 37.0 55.4
141 17.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 318.368 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

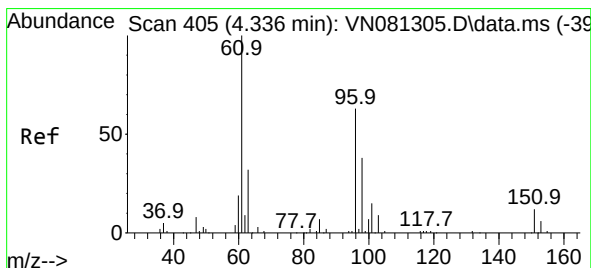
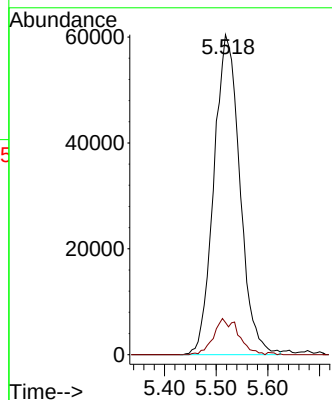
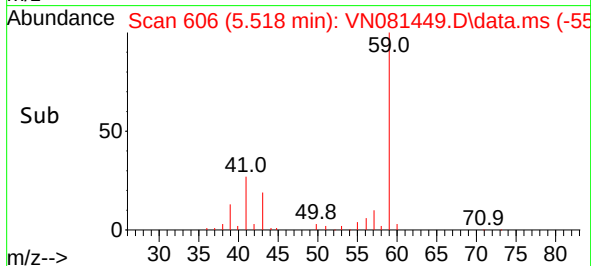
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



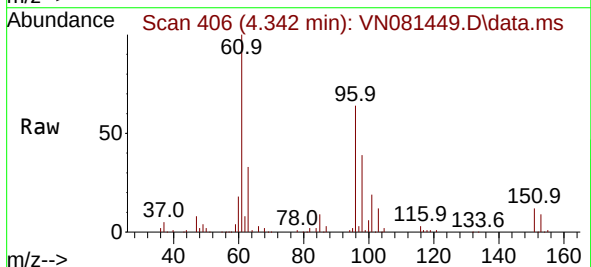
Tgt Ion: 59 Resp: 211014
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
APPROVED

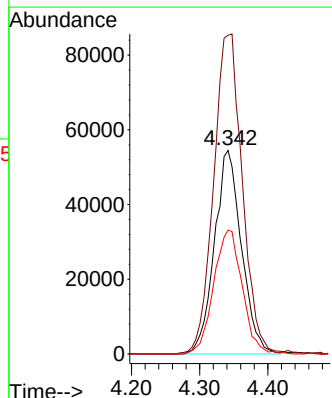
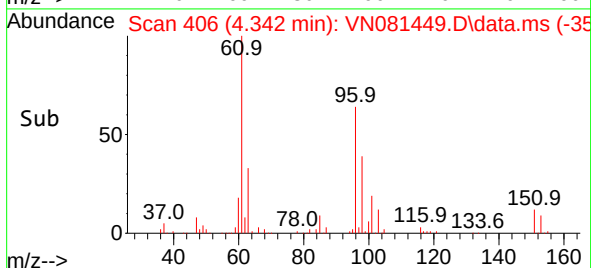
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

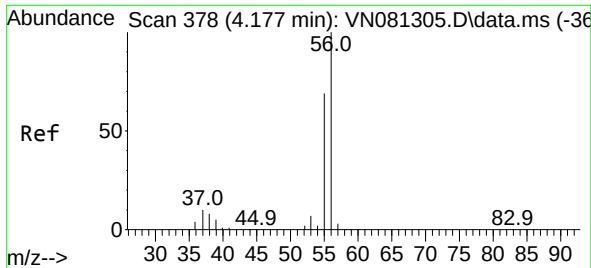


#12
1,1-Dichloroethene
Concen: 49.233 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



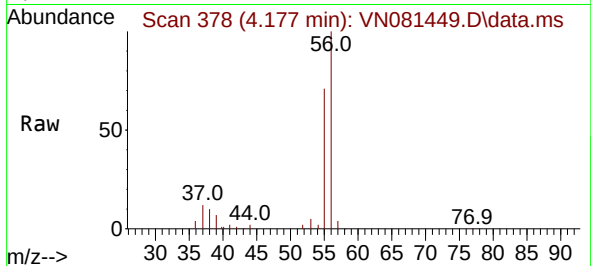
Tgt Ion: 96 Resp: 150413
Ion Ratio Lower Upper
96 100
61 156.0 138.2 207.4
98 60.8 49.2 73.8





#13
Acrolein
Concen: 264.865 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

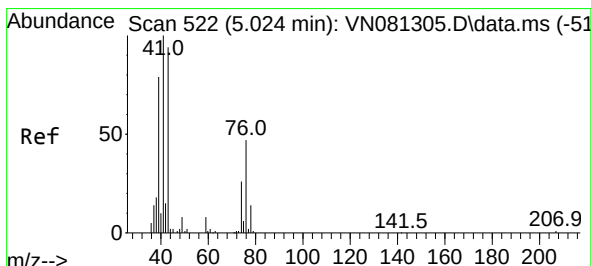
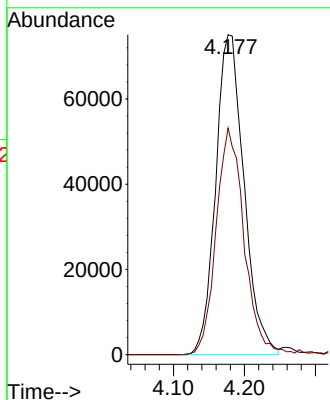
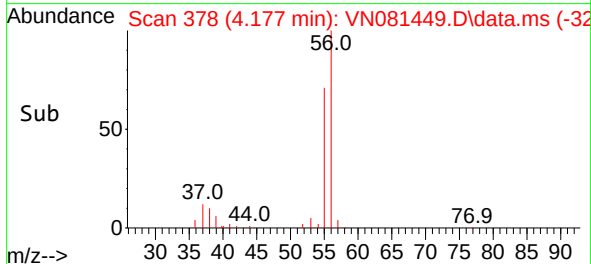
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 207879
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

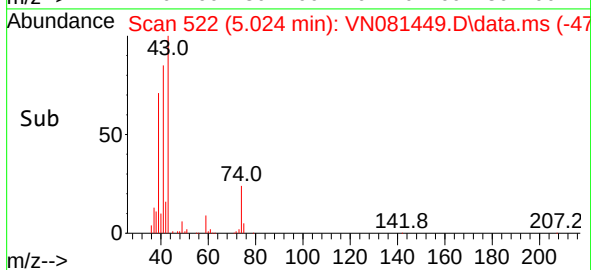
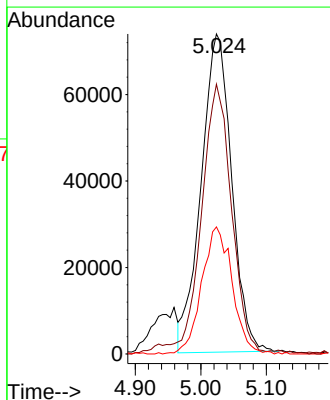
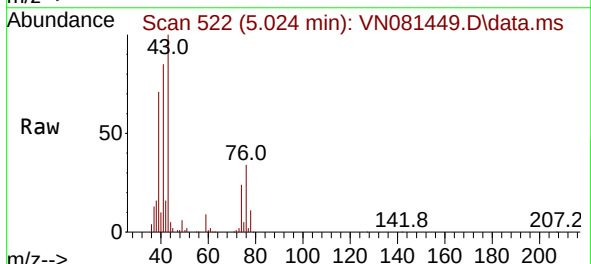
Manual Integrations
APPROVED

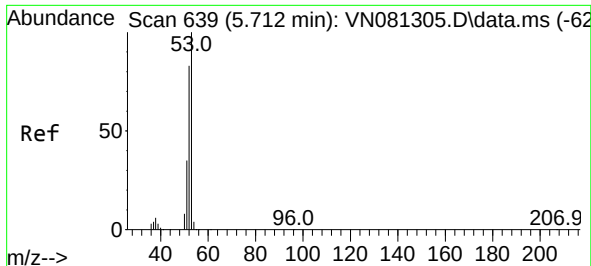
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#14
Allyl chloride
Concen: 52.586 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

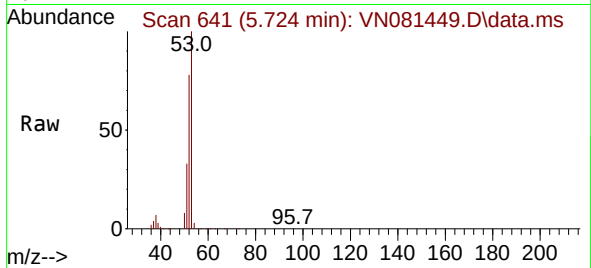
Tgt Ion: 41 Resp: 238424
Ion Ratio Lower Upper
41 100
39 81.2 57.7 86.5
76 39.7 26.8 40.2





#15
Acrylonitrile
Concen: 290.466 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

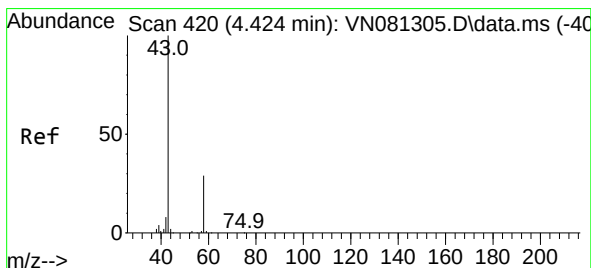
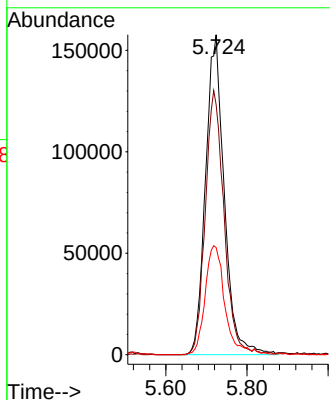
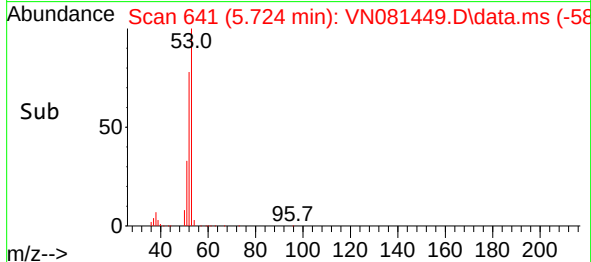
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 50294
Ion Ratio Lower Upper
53 100
52 82.1 64.8 97.2
51 36.2 26.9 40.3

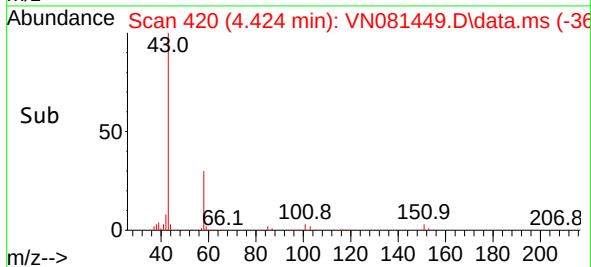
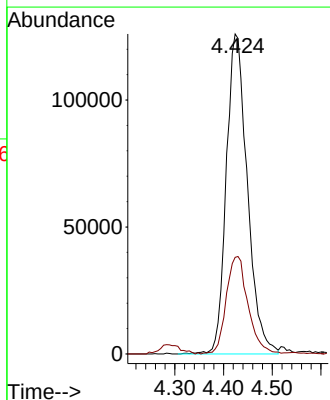
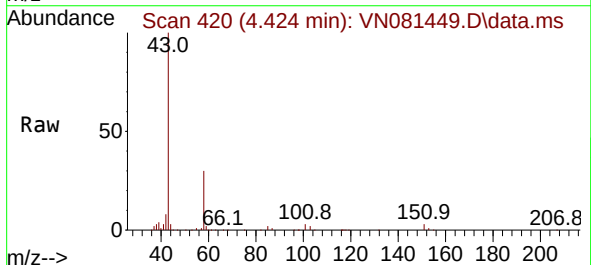
Manual Integrations
APPROVED

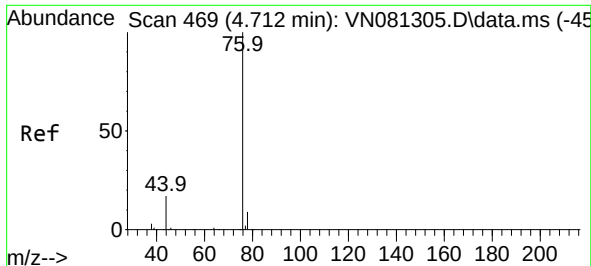
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#16
Acetone
Concen: 281.849 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

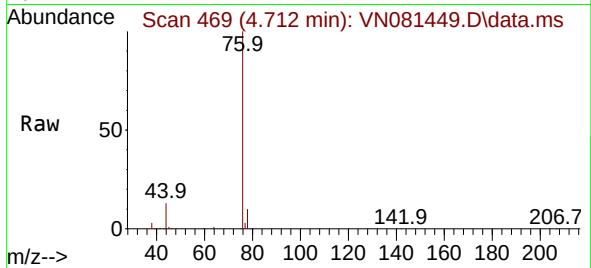
Tgt Ion: 43 Resp: 378521
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2





#17
Carbon Disulfide
Concen: 43.854 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

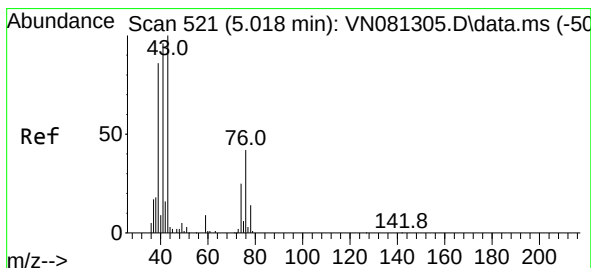
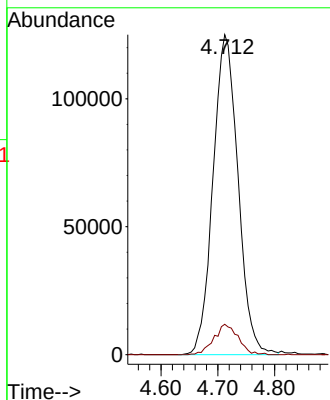
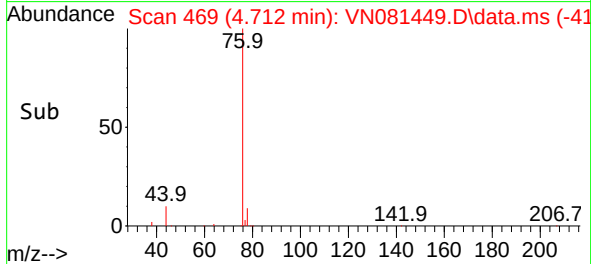
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 382394
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

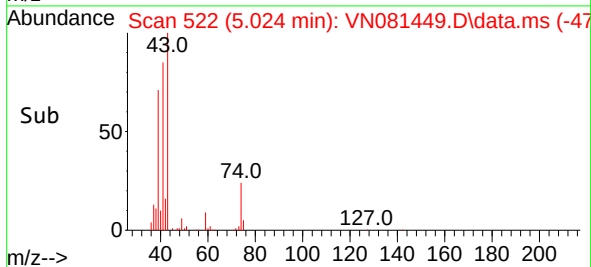
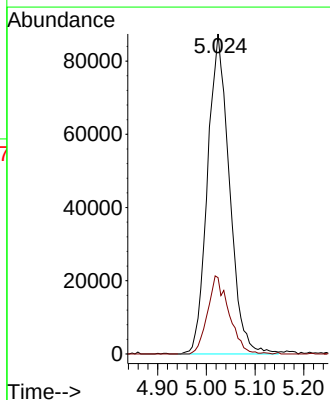
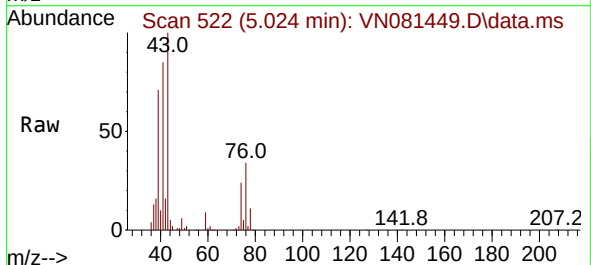
Manual Integrations
APPROVED

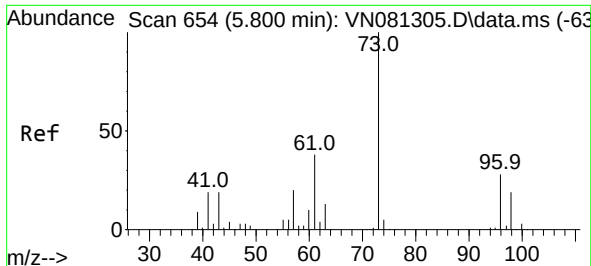
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#18
Methyl Acetate
Concen: 70.996 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion: 43 Resp: 272986
Ion Ratio Lower Upper
43 100
74 23.8 17.3 25.9





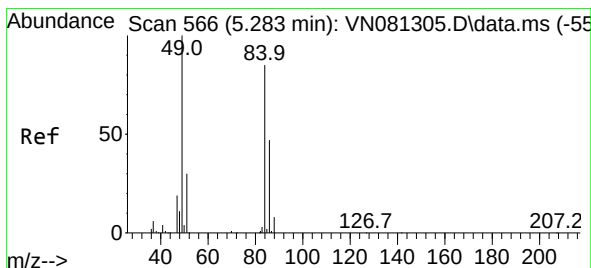
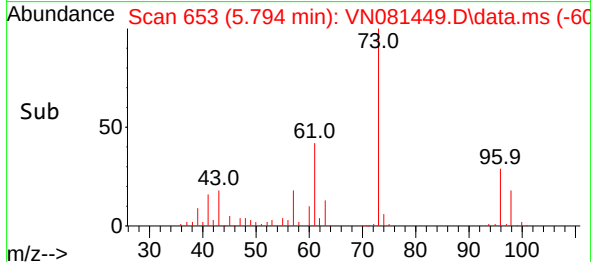
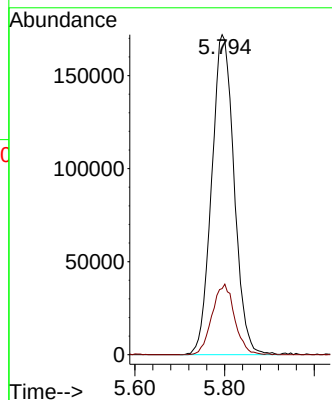
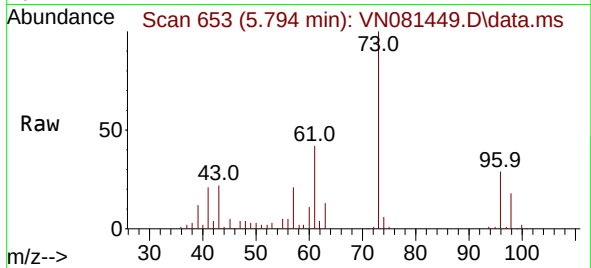
#19
Methyl tert-butyl Ether
Concen: 57.773 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 598628
Ion Ratio Lower Upper
73 100
57 20.7 18.2 27.4

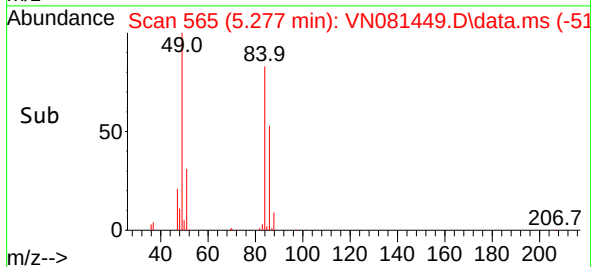
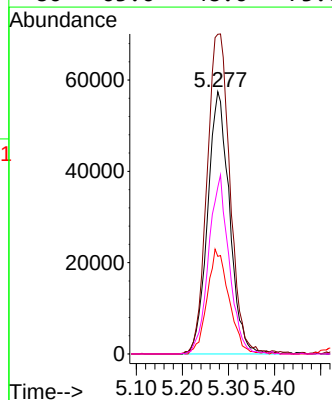
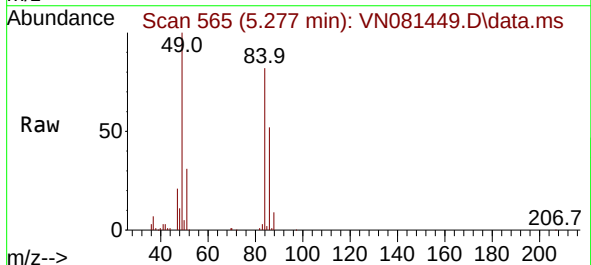
Manual Integrations
APPROVED

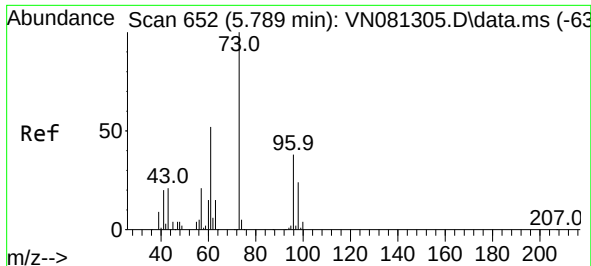
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#20
Methylene Chloride
Concen: 57.377 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

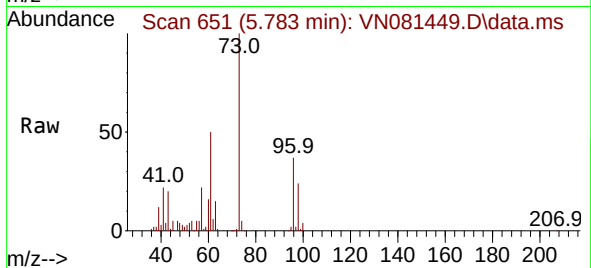
Tgt Ion: 84 Resp: 189990
Ion Ratio Lower Upper
84 100
49 121.9 108.1 162.1
51 37.2 32.9 49.3
86 63.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 49.293 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

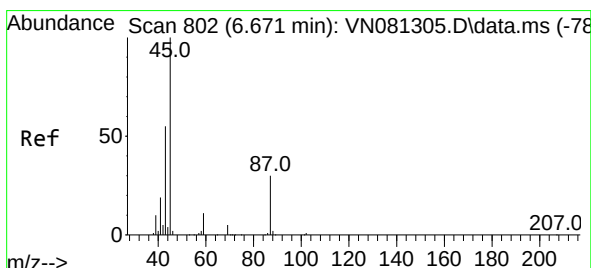
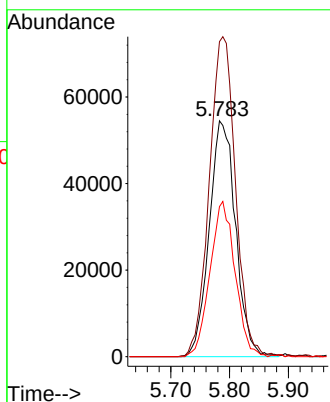
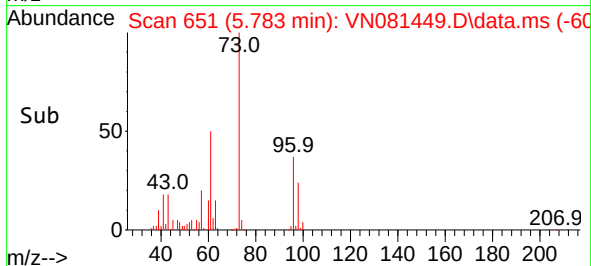
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 169780
Ion Ratio Lower Upper
96 100
61 133.5 112.8 169.2
98 63.6 51.0 76.4

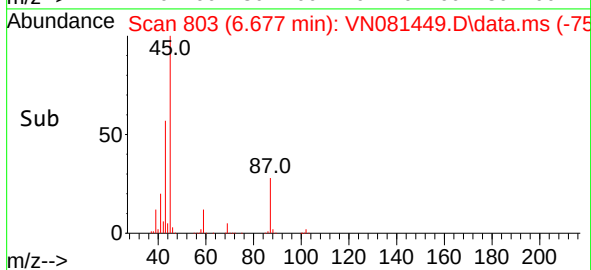
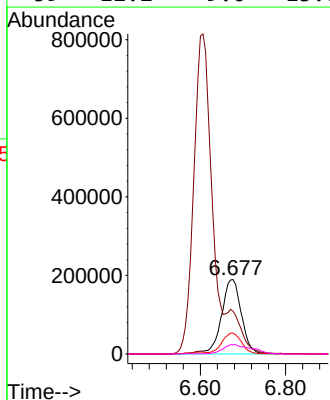
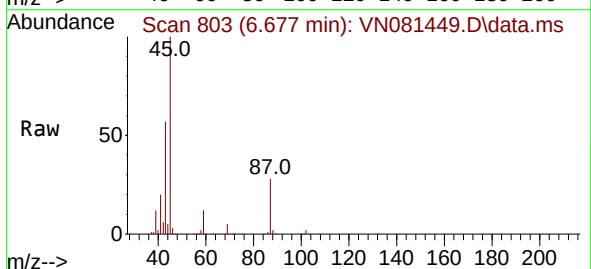
Manual Integrations
APPROVED

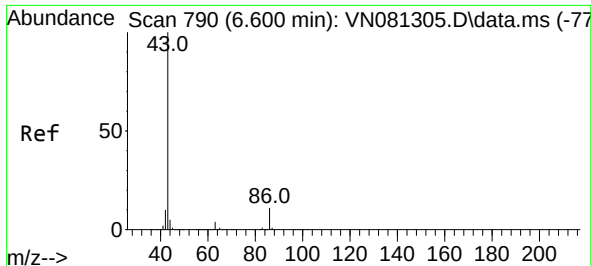
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#22
Diisopropyl ether
Concen: 61.188 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion: 45 Resp: 616186
Ion Ratio Lower Upper
45 100
43 56.6 41.8 62.8
87 28.1 18.1 27.1#
59 12.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 291.190 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081449.D
 Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

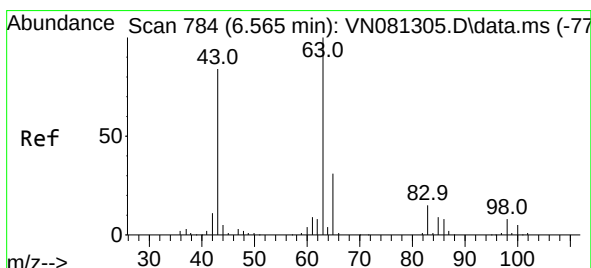
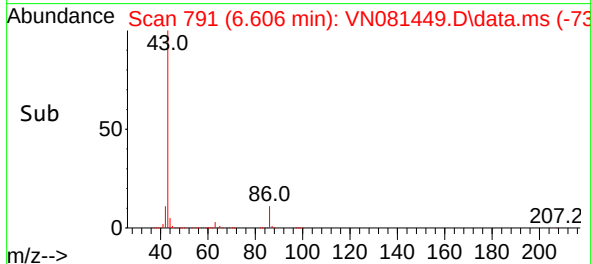
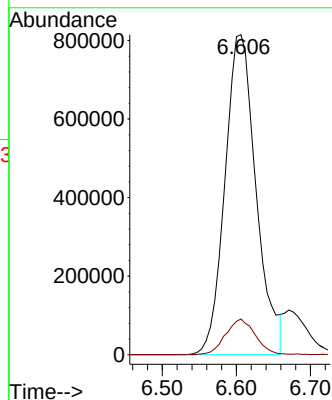
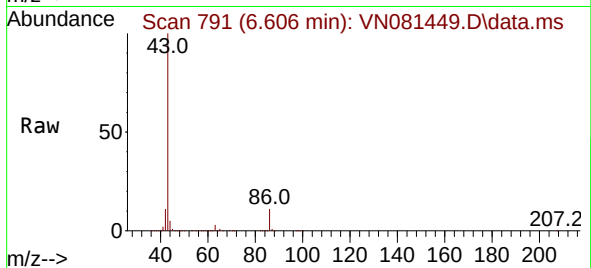
VSTDCCC050EC

Tgt Ion: 43 Resp: 238224
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations

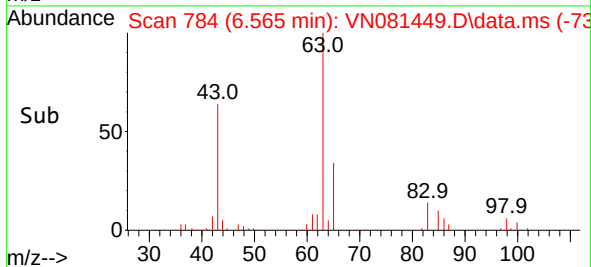
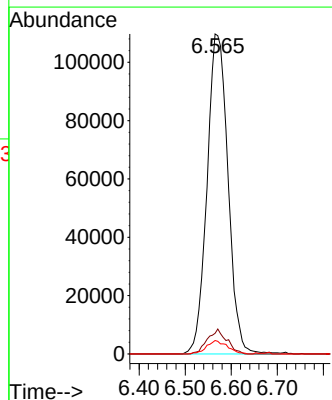
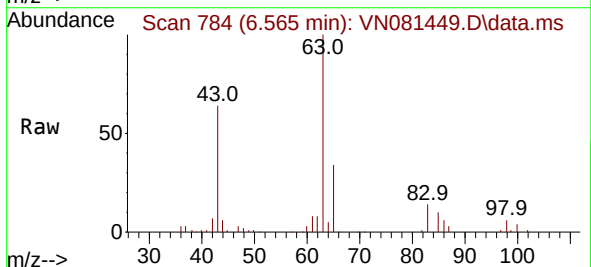
APPROVED

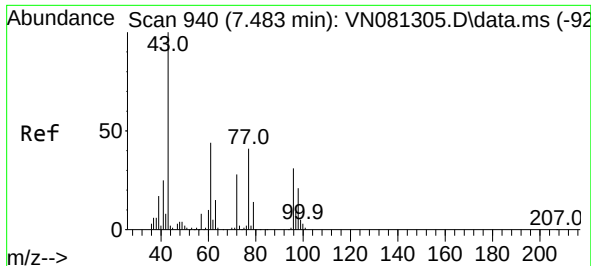
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#24
 1,1-Dichloroethane
 Concen: 56.351 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081449.D
 Acq: 16 Mar 2024 00:52

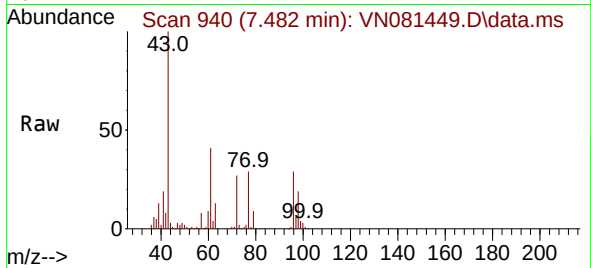
Tgt Ion: 63 Resp: 347375
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 4.2 1.9 5.7





#25
2-Butanone
Concen: 290.232 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

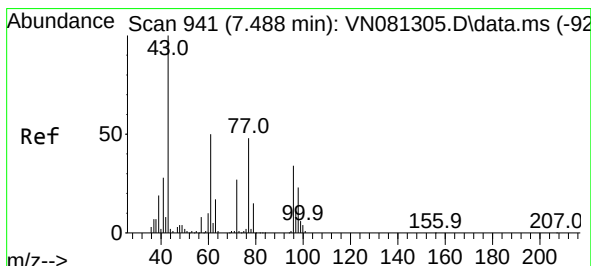
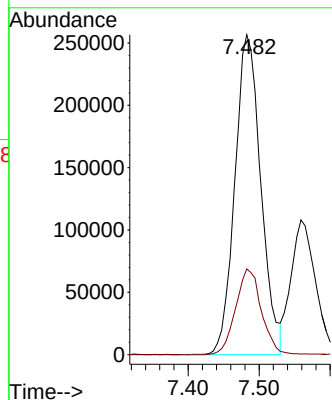
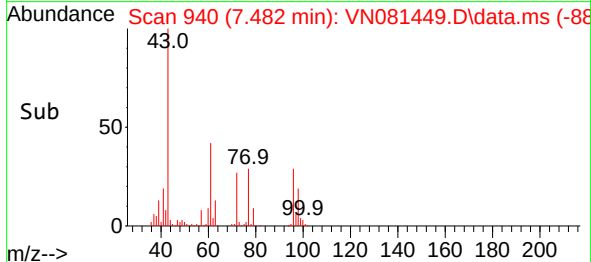
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



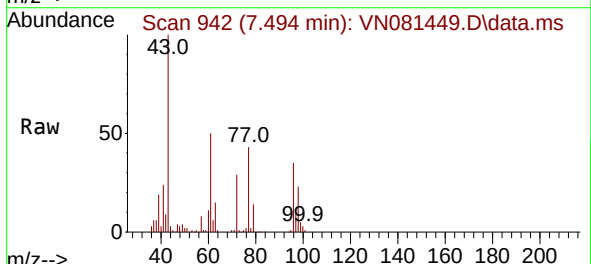
Tgt Ion: 43 Resp: 652759
Ion Ratio Lower Upper
43 100
72 26.8 19.5 29.3

Manual Integrations
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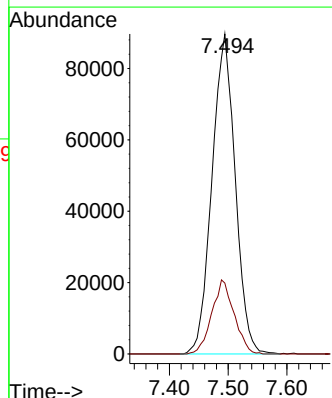
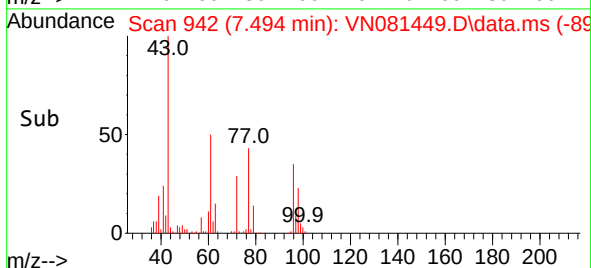
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

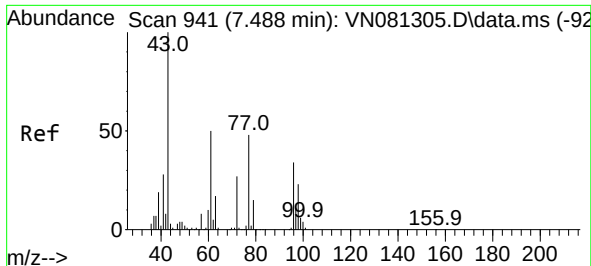


#26
2,2-Dichloropropane
Concen: 45.175 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



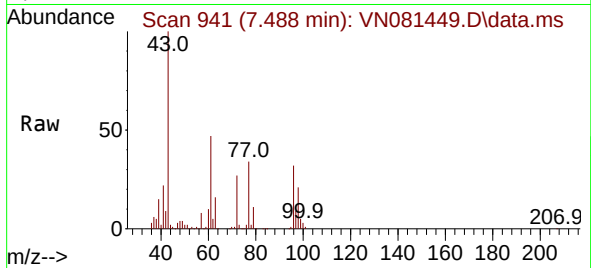
Tgt Ion: 77 Resp: 246127
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 52.018 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

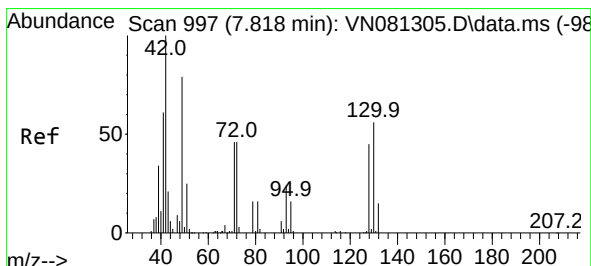
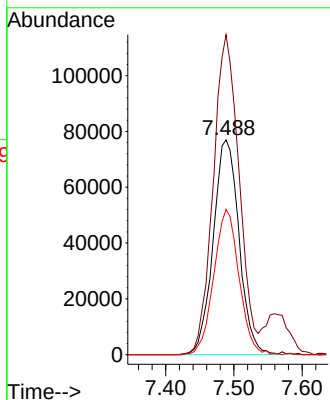
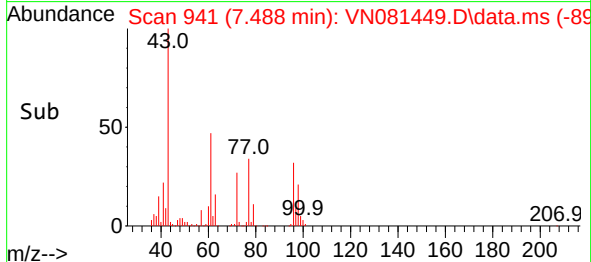
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20313
Ion Ratio Lower Upper
96 100
61 149.0 0.0 325.4
98 65.9 0.0 130.4

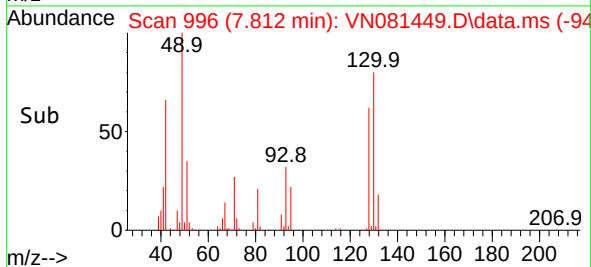
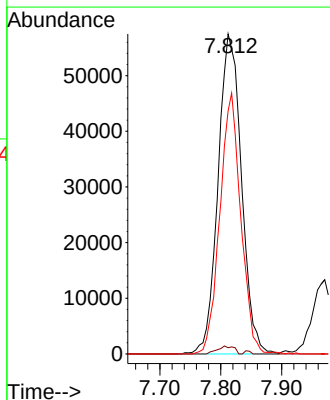
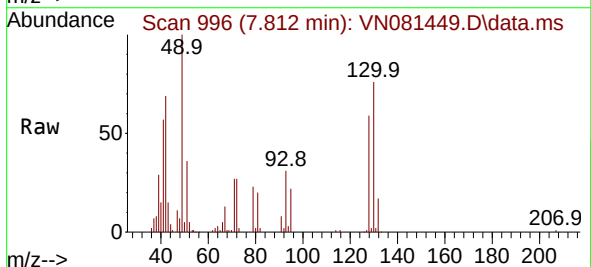
Manual Integrations
APPROVED

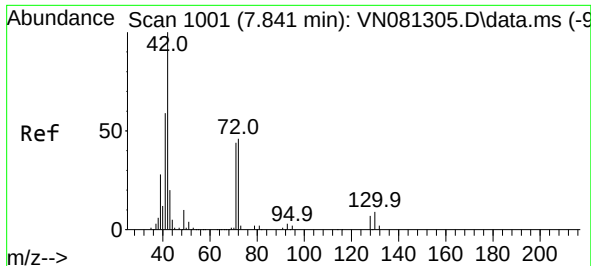
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#28
Bromochloromethane
Concen: 58.143 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

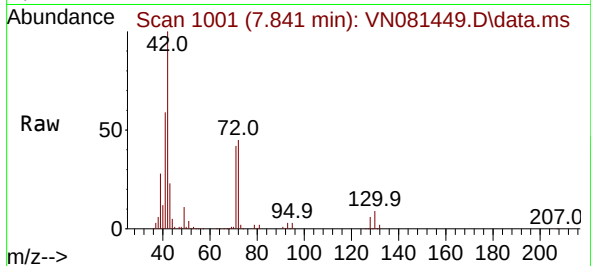
Tgt Ion: 49 Resp: 153365
Ion Ratio Lower Upper
49 100
129 1.7 0.0 1.6#
130 72.9 42.3 63.5#





#29
Tetrahydrofuran
Concen: 288.471 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

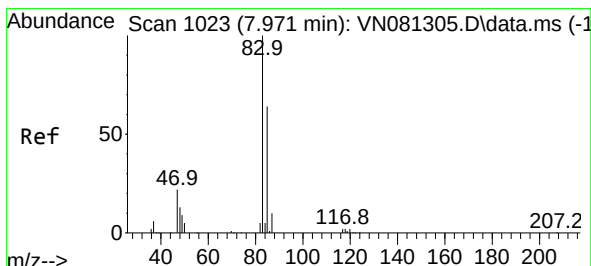
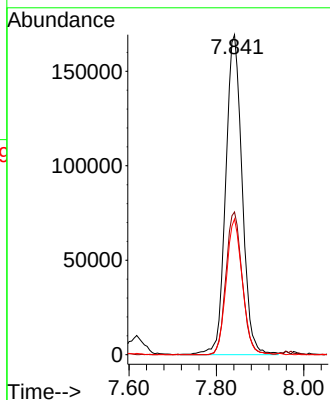
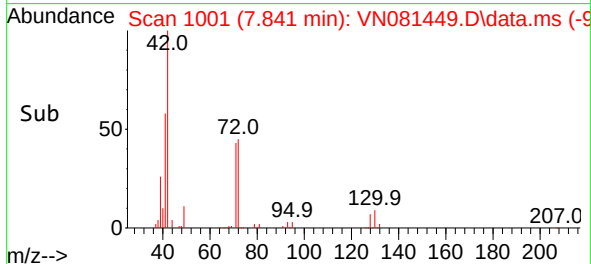
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



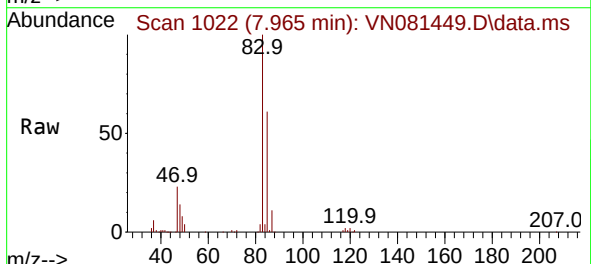
Tgt Ion: 42 Resp: 442415
Ion Ratio Lower Upper
42 100
72 44.2 31.1 46.7
71 41.5 28.3 42.5

Manual Integrations
APPROVED

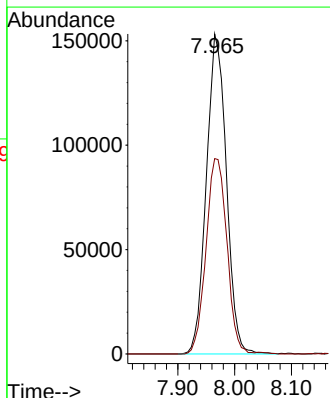
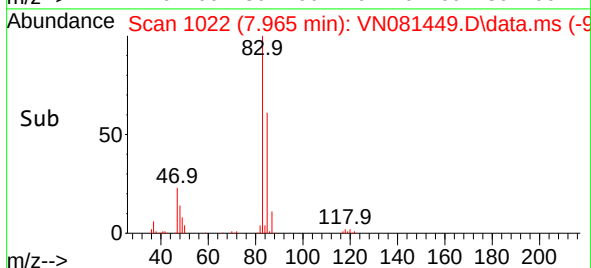
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

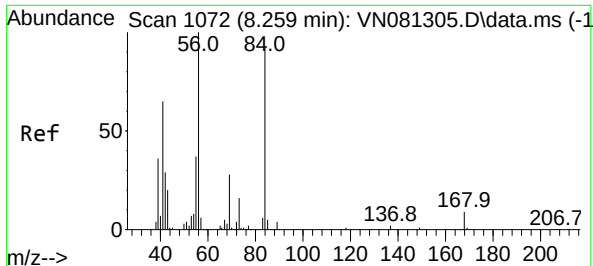


#30
Chloroform
Concen: 58.540 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



Tgt Ion: 83 Resp: 374488
Ion Ratio Lower Upper
83 100
85 61.1 51.0 76.6





#31

Cyclohexane

Concen: 41.974 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081449.D

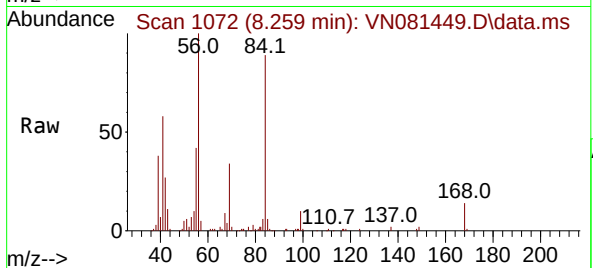
Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



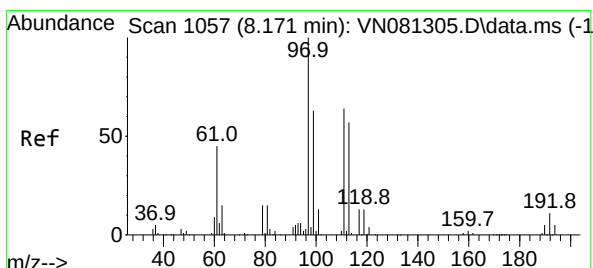
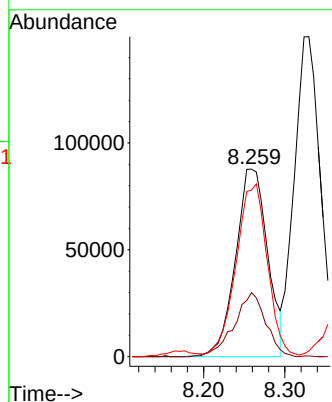
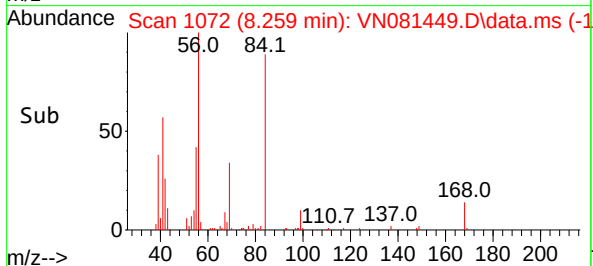
Tgt Ion:	56	69	84
Resp:	240879	33.4	85.8
Ratio	100	33.4	85.8
Lower		20.1	56.9
Upper		30.1	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#32

1,1,1-Trichloroethane

Concen: 54.580 ug/l

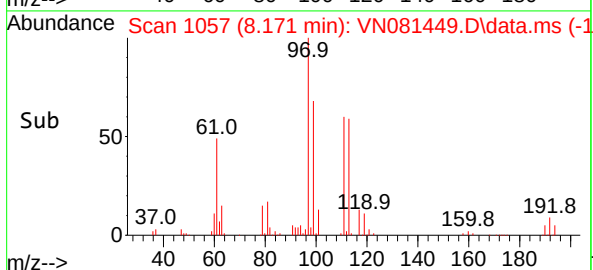
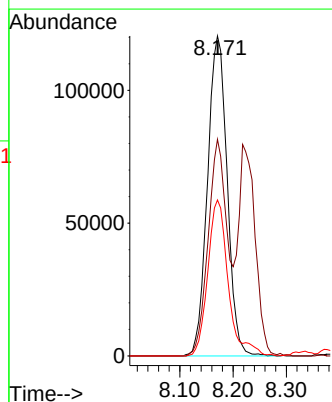
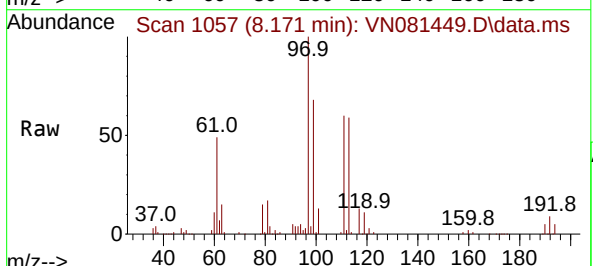
RT: 8.171 min Scan# 1057

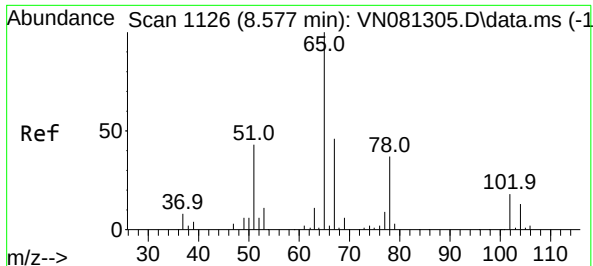
Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Tgt Ion:	97	99	61
Resp:	308625	65.9	50.7
Ratio	100	65.9	50.7
Lower		53.4	43.8
Upper		80.0	65.8





#33

1,2-Dichloroethane-d4

Concen: 59.783 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 226608

Ion Ratio Lower Upper

65 100

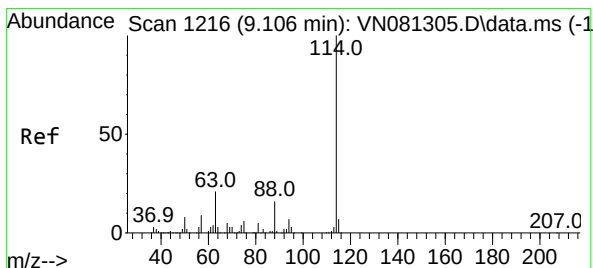
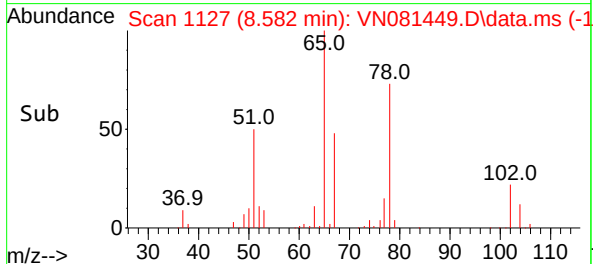
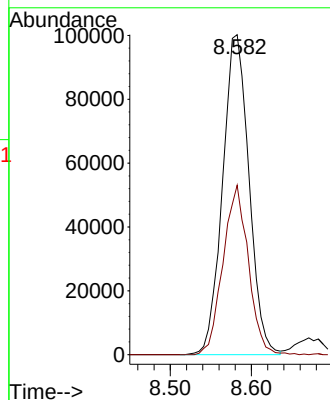
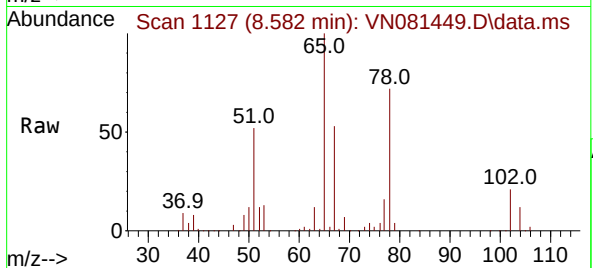
67 50.8 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

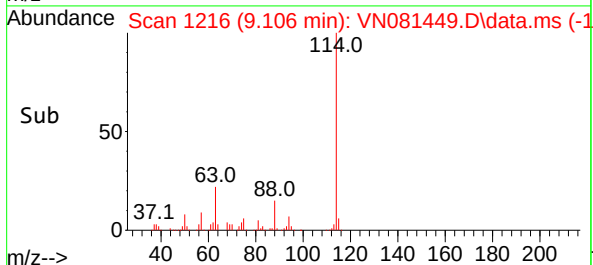
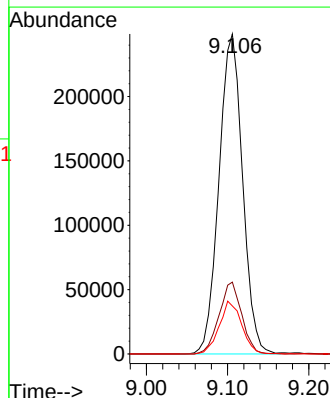
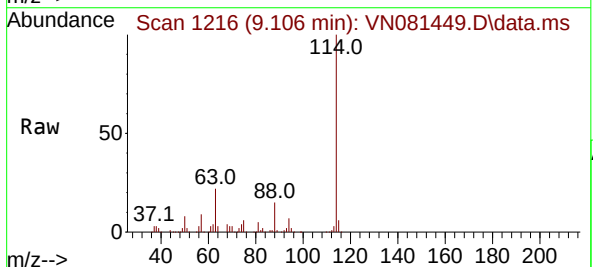
Tgt Ion:114 Resp: 502848

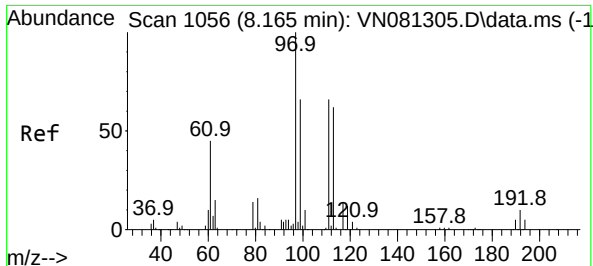
Ion Ratio Lower Upper

114 100

63 22.4 0.0 48.0

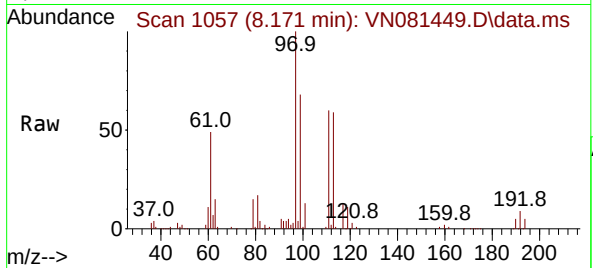
88 15.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 56.059 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

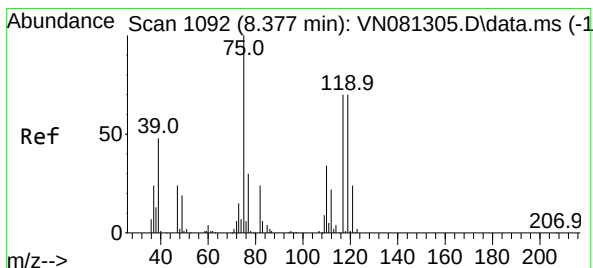
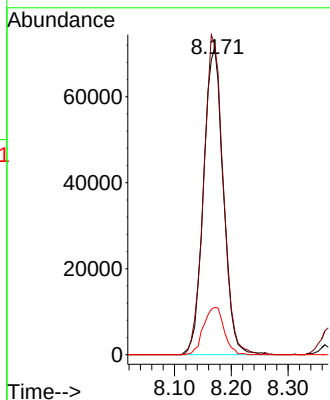
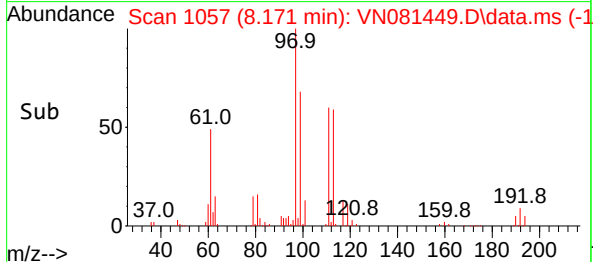
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 17270
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 15.9 12.5 18.7

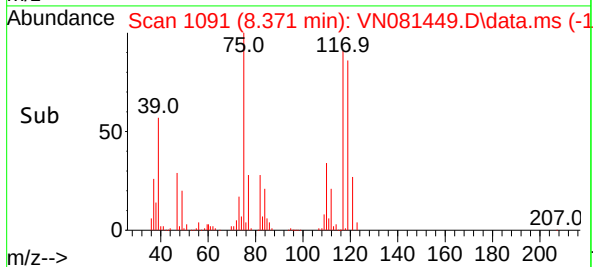
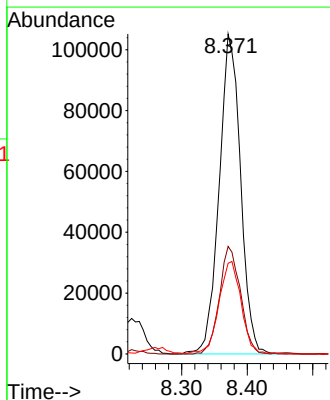
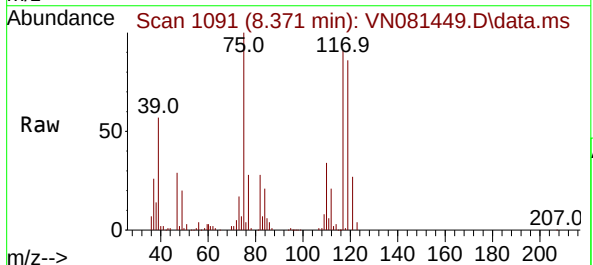
Manual Integrations
APPROVED

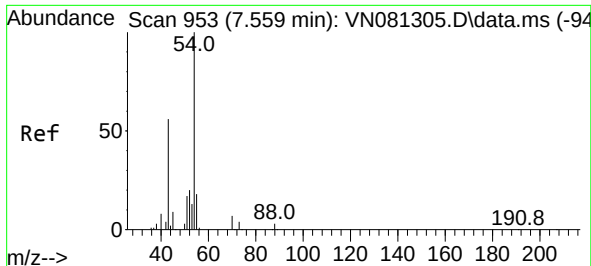
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#36
1,1-Dichloropropene
Concen: 47.882 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion: 75 Resp: 237986
Ion Ratio Lower Upper
75 100
110 33.0 16.0 48.0
77 30.1 25.8 38.6





#37

Ethyl Acetate

Concen: 54.258 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 26361

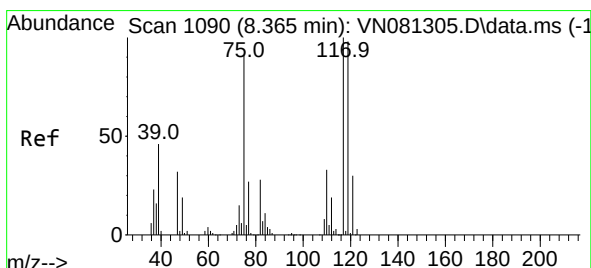
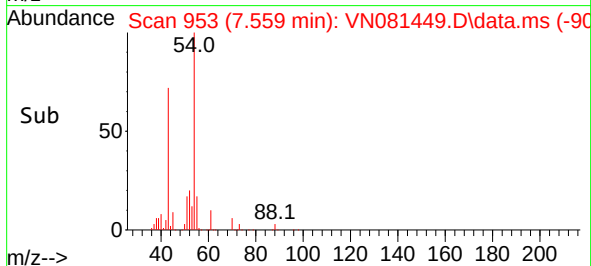
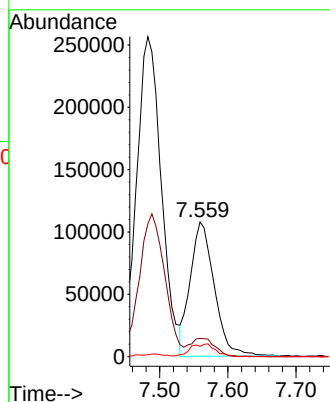
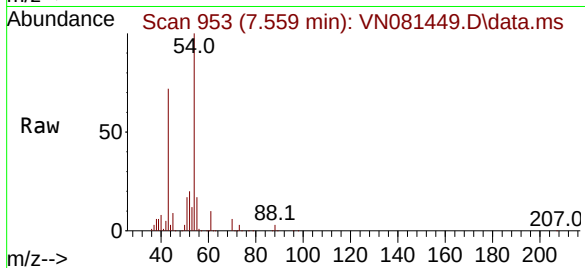
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	15.8
70	9.9	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#38

Carbon Tetrachloride

Concen: 50.428 ug/l

RT: 8.359 min Scan# 1089

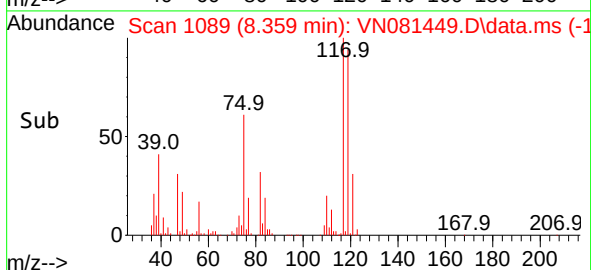
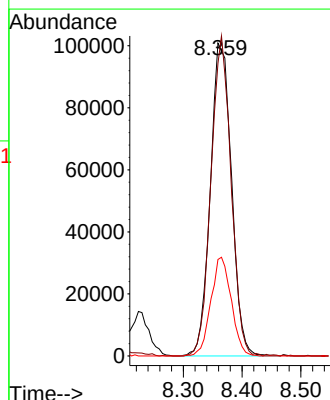
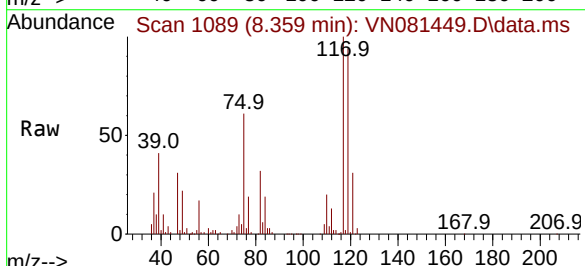
Delta R.T. -0.006 min

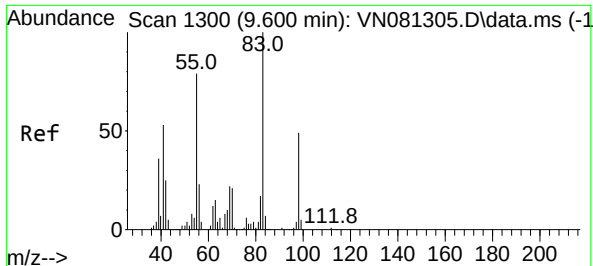
Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Tgt Ion:117 Resp: 252252

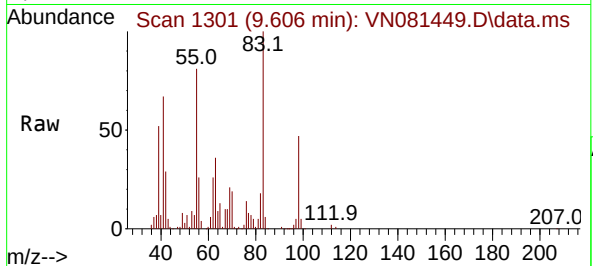
Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.4	110.2
121	30.9	24.4	36.6





#39
Methylcyclohexane
Concen: 40.243 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

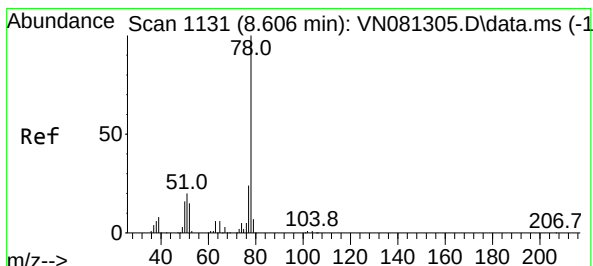
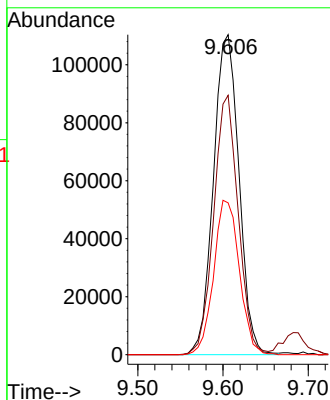
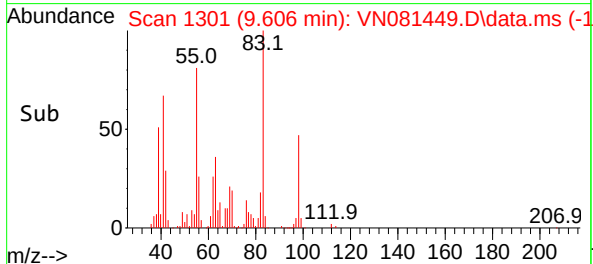
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 230192
Ion Ratio Lower Upper
83 100
55 81.1 65.7 98.5
98 47.4 33.8 50.6

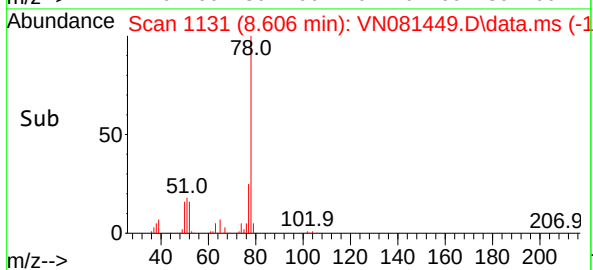
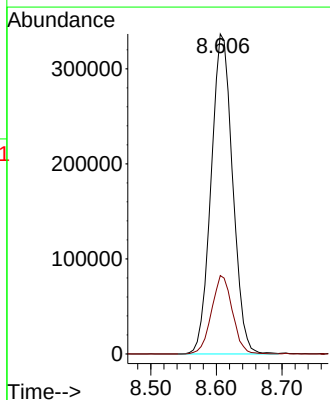
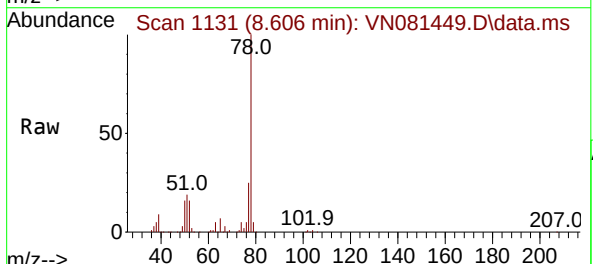
Manual Integrations
APPROVED

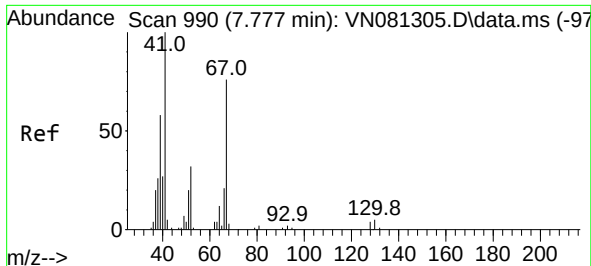
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#40
Benzene
Concen: 51.648 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

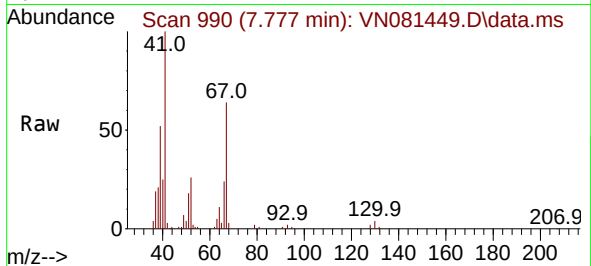
Tgt Ion: 78 Resp: 766229
Ion Ratio Lower Upper
78 100
77 24.5 20.4 30.6





#41
Methacrylonitrile
Concen: 56.068 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

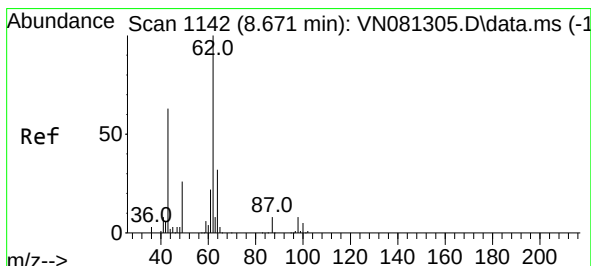
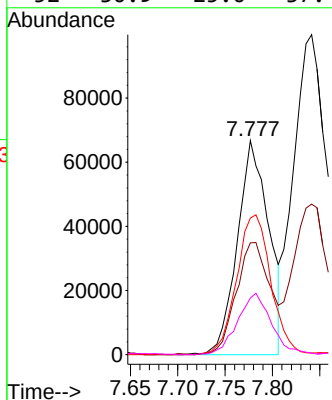
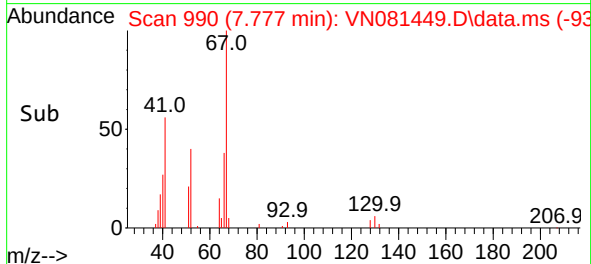
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 15383
Ion Ratio Lower Upper
41 100
39 56.2 48.4 72.6
67 71.2 56.8 85.2
52 30.9 25.0 37.4

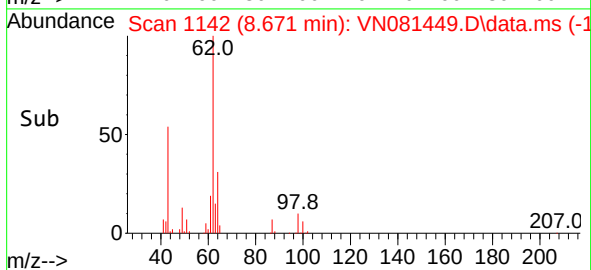
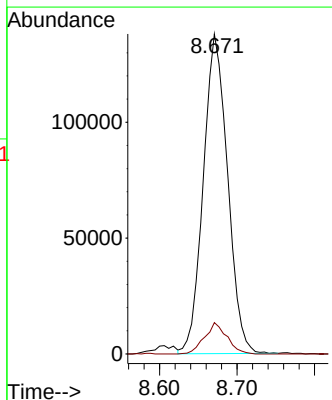
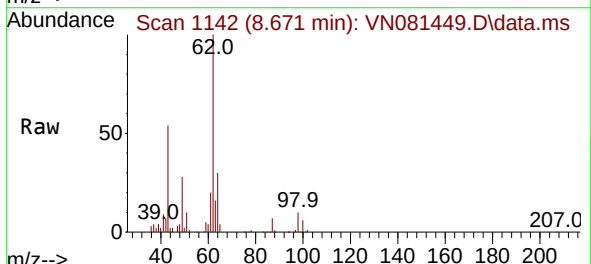
Manual Integrations
APPROVED

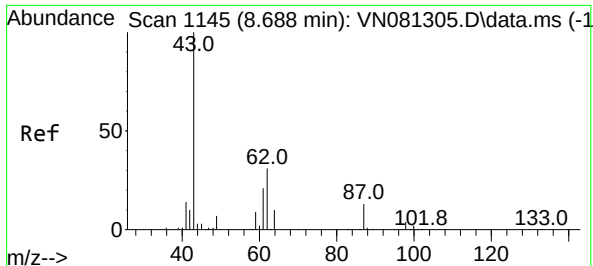
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#42
1,2-Dichloroethane
Concen: 57.396 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

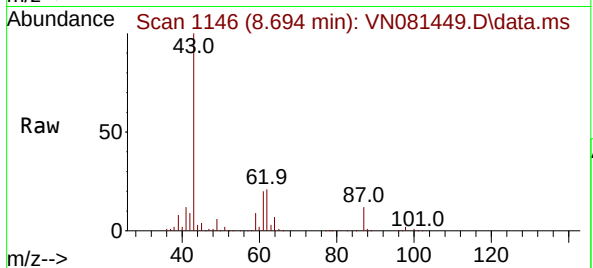
Tgt Ion: 62 Resp: 300229
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 53.478 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

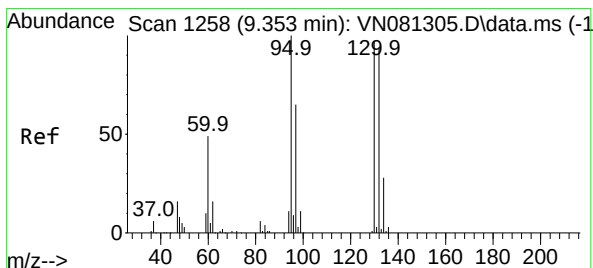
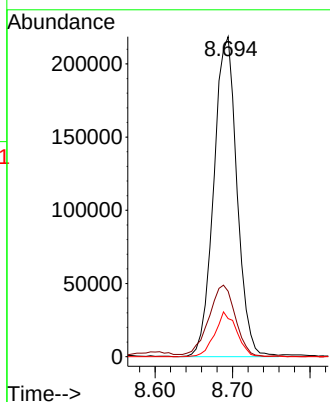
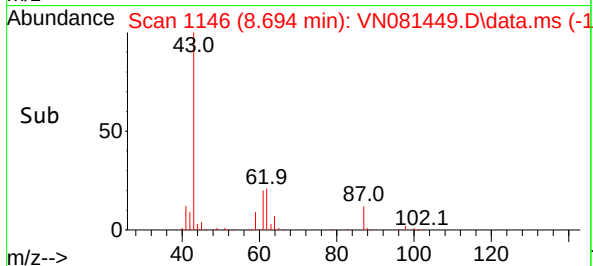
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



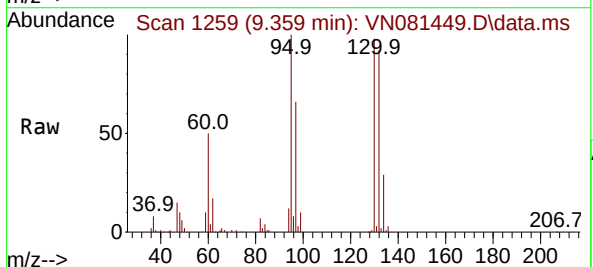
Tgt Ion: 43 Resp: 454776
Ion Ratio Lower Upper
43 100
61 25.6 19.9 29.9
87 13.3 9.0 13.6

Manual Integrations
APPROVED

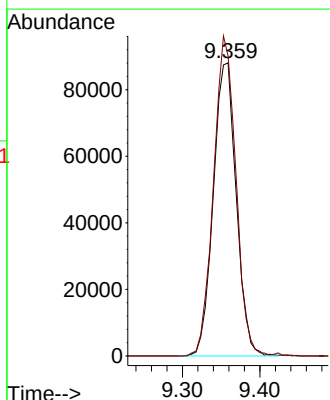
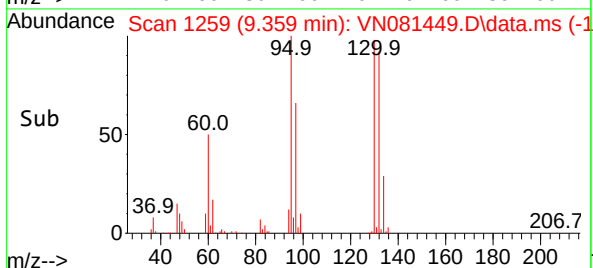
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

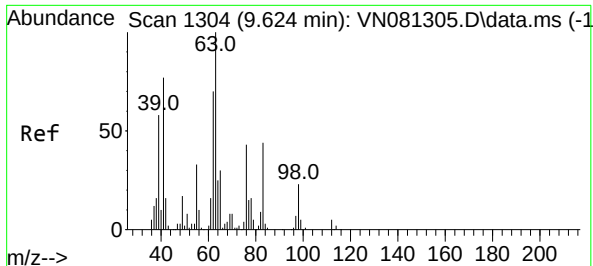


#44
Trichloroethene
Concen: 48.469 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



Tgt Ion:130 Resp: 181356
Ion Ratio Lower Upper
130 100
95 102.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.493 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20308

Ion Ratio Lower Upper

63 100

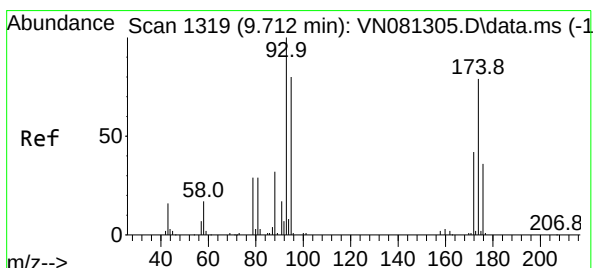
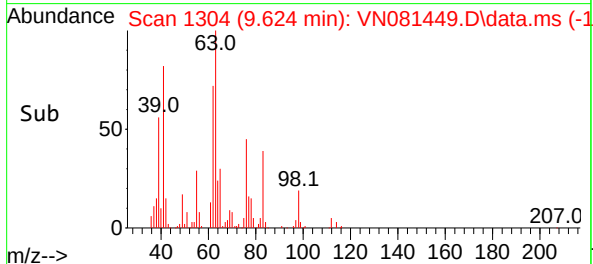
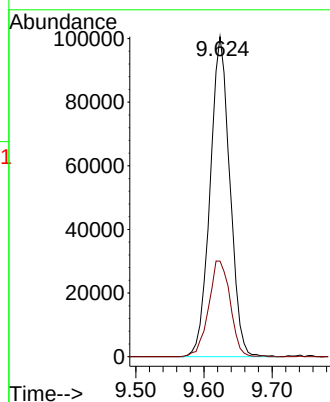
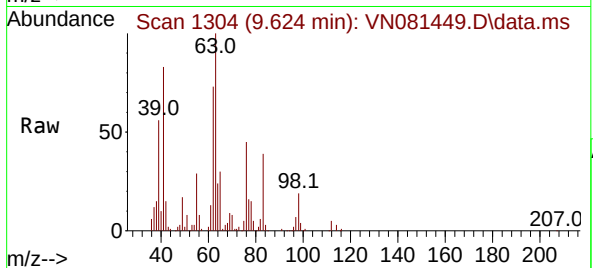
65 29.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#46

Dibromomethane

Concen: 55.942 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

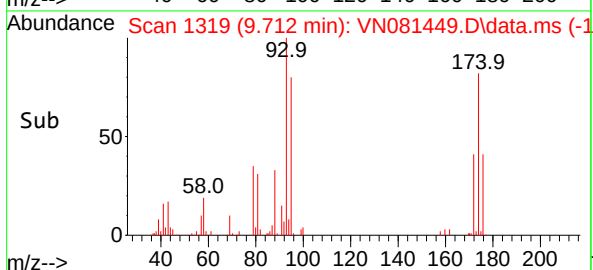
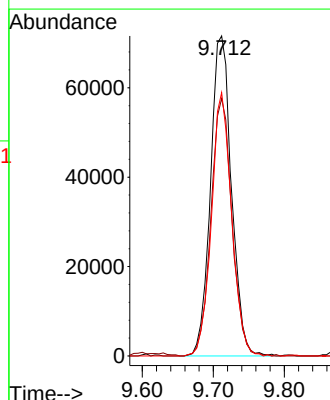
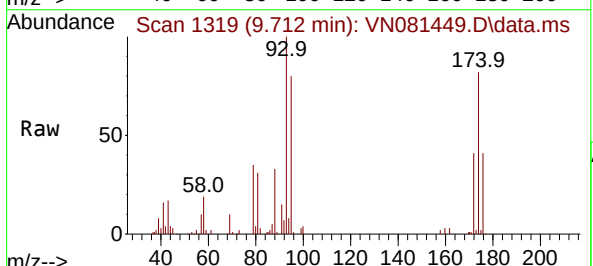
Tgt Ion: 93 Resp: 146954

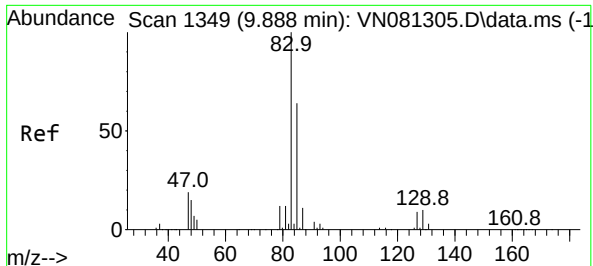
Ion Ratio Lower Upper

93 100

95 80.3 68.1 102.1

174 79.1 57.2 85.8





#47

Bromodichloromethane

Concen: 57.503 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 293240

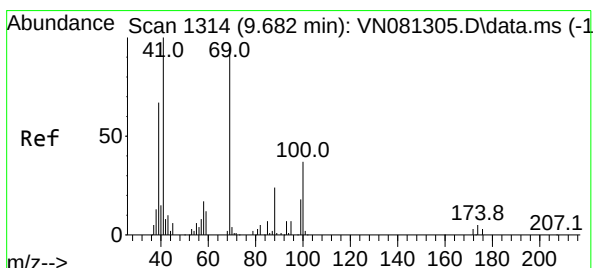
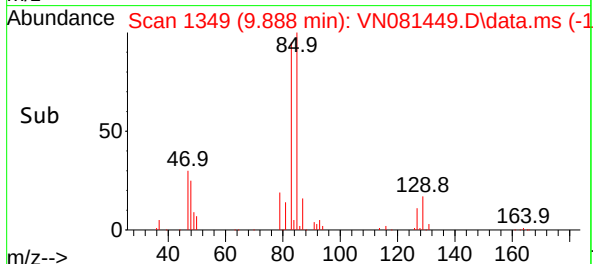
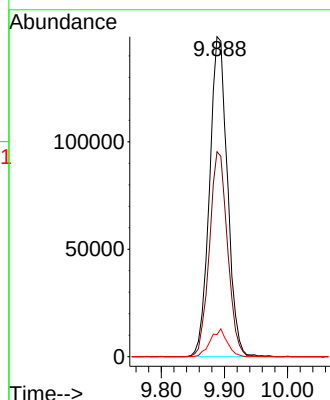
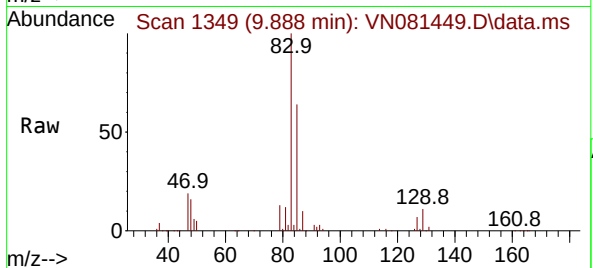
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.3	78.5
127	6.9	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#48

Methyl methacrylate

Concen: 58.254 ug/l

RT: 9.682 min Scan# 1314

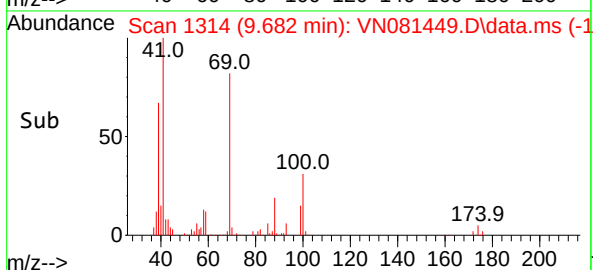
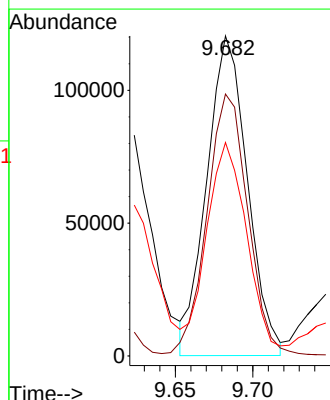
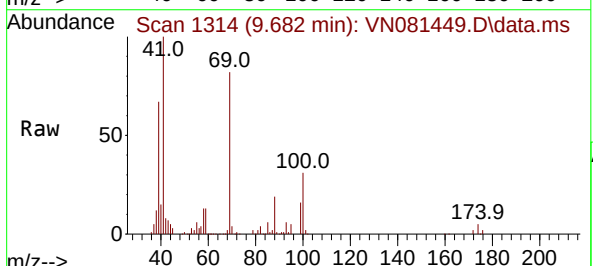
Delta R.T. -0.000 min

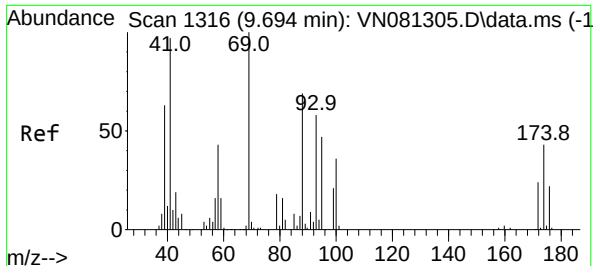
Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Tgt Ion: 41 Resp: 218973

Ion	Ratio	Lower	Upper
41	100		
69	83.3	62.2	93.2
39	66.8	47.6	71.4





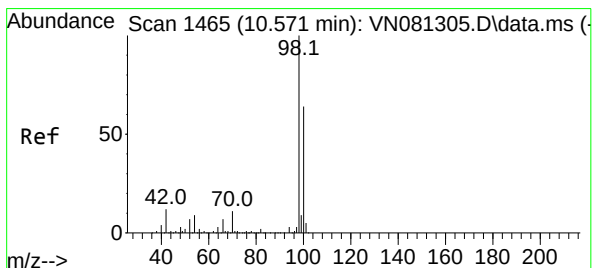
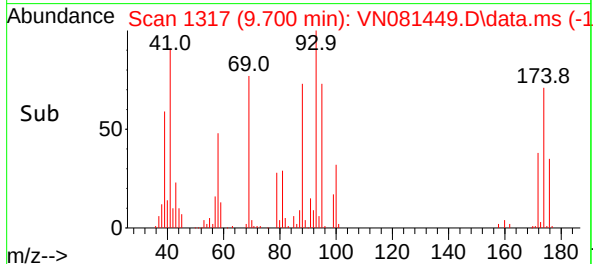
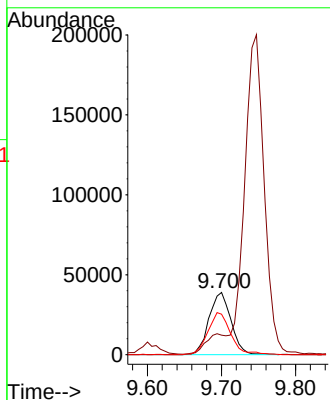
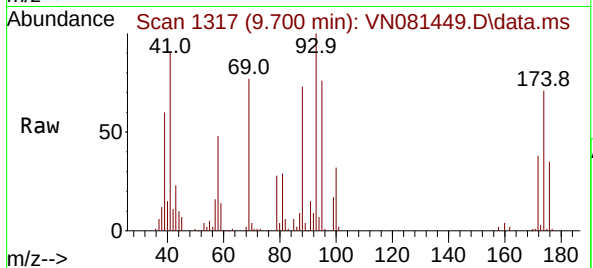
#49
1,4-Dioxane
Concen: 972.725 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 8059
Ion Ratio Lower Upper
88 100
43 30.5 30.1 45.1
58 70.0 63.9 95.9

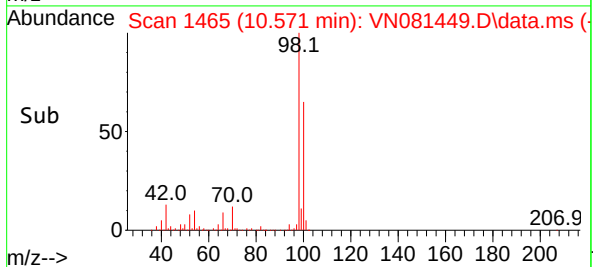
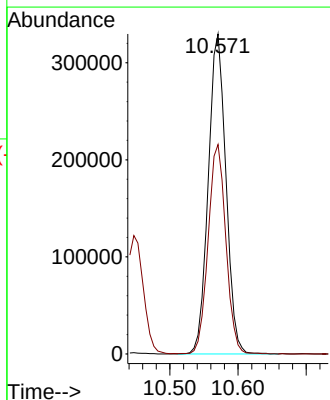
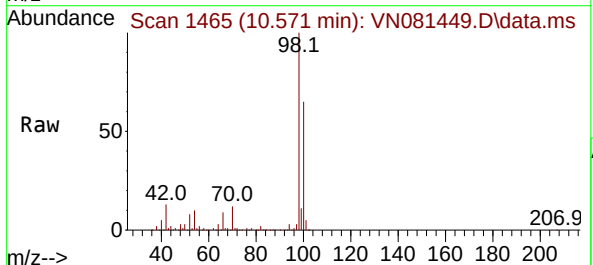
Manual Integrations
APPROVED

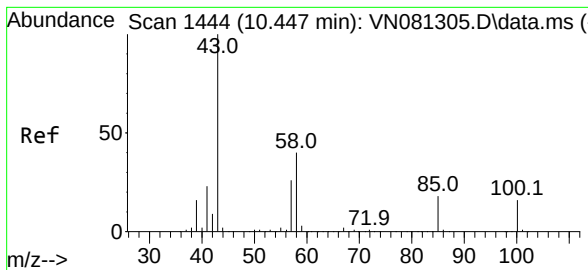
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#50
Toluene-d8
Concen: 51.610 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

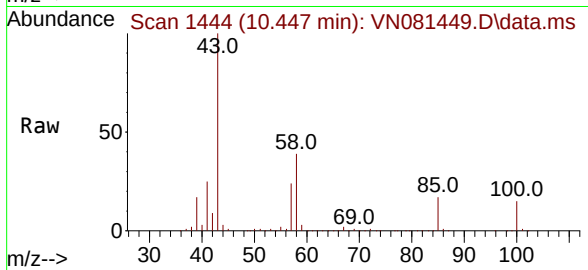
Tgt Ion: 98 Resp: 594378
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 291.691 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

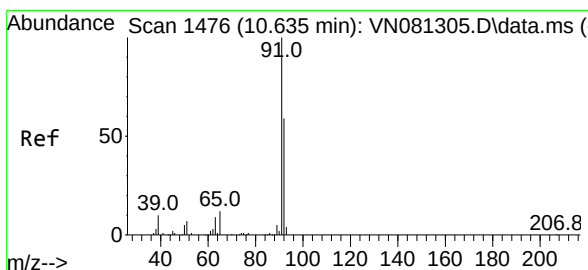
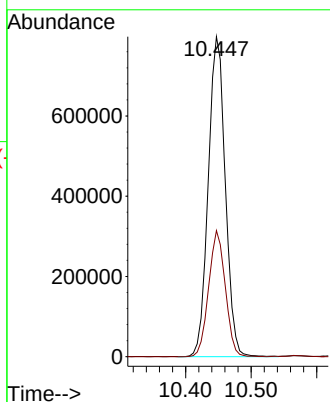
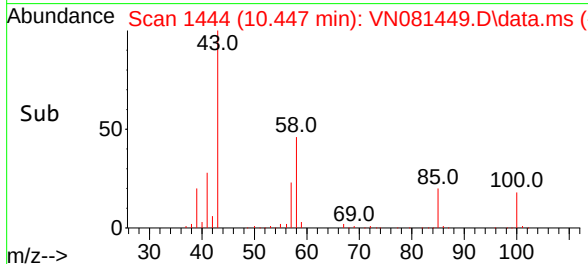
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



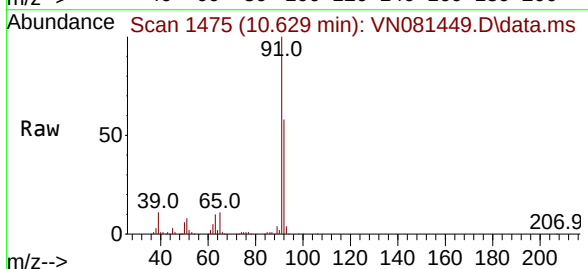
Tgt Ion: 43 Resp: 1440308
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0

Manual Integrations
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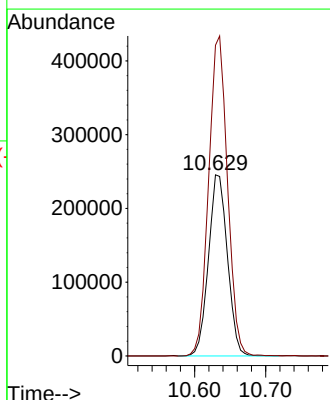
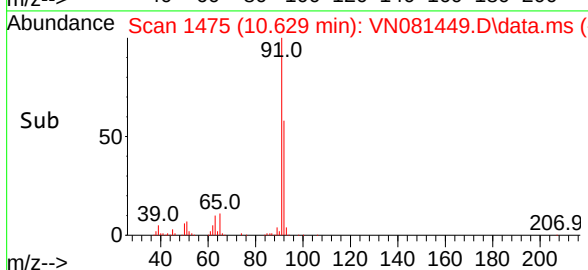
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

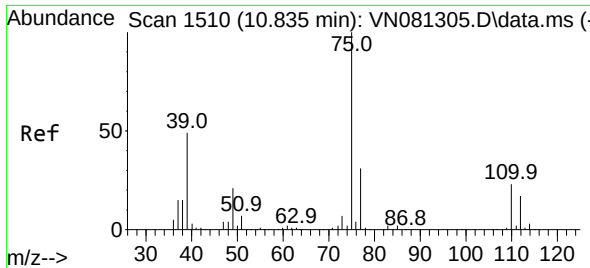


#52
Toluene
Concen: 50.804 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



Tgt Ion: 92 Resp: 455295
Ion Ratio Lower Upper
92 100
91 175.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 55.515 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

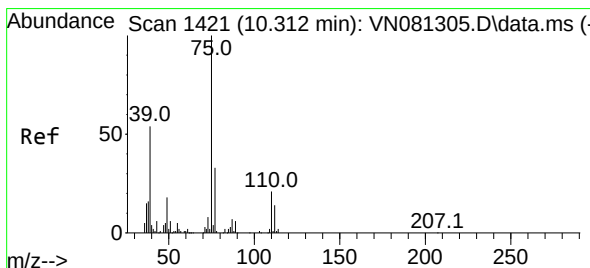
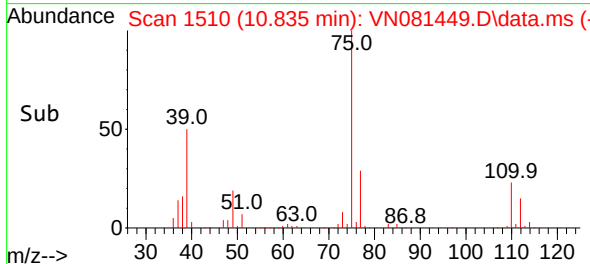
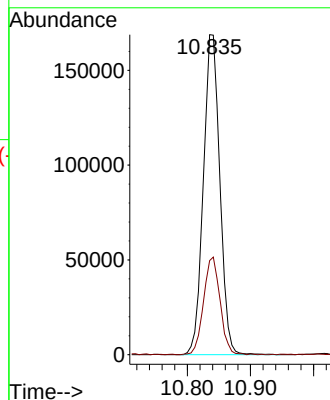
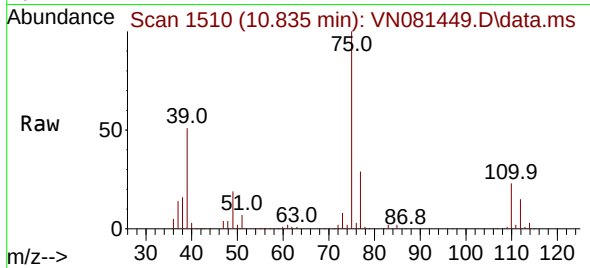
VSTDCCC050EC

Tgt Ion: 75 Resp: 306314
Ion Ratio Lower Upper
75 100
77 29.4 25.5 38.3

Manual Integrations

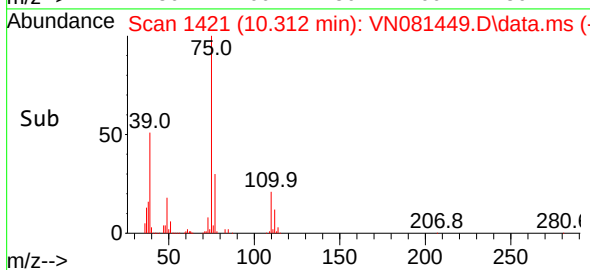
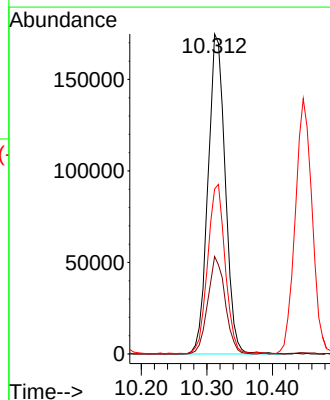
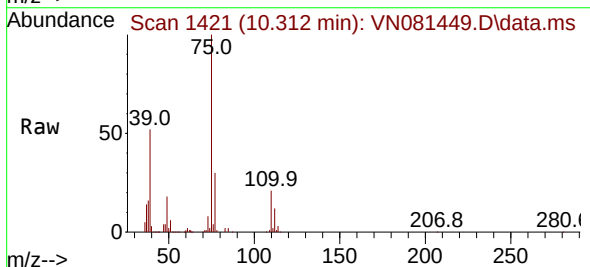
APPROVED

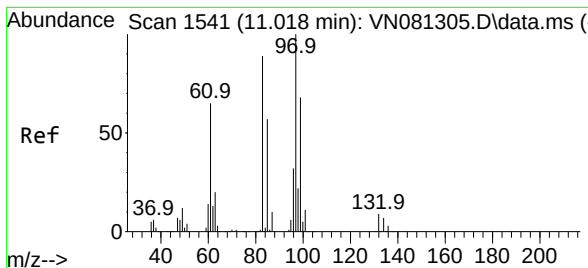
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#54
cis-1,3-Dichloropropene
Concen: 53.752 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

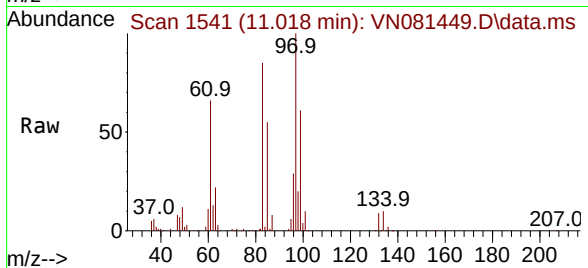
Tgt Ion: 75 Resp: 320176
Ion Ratio Lower Upper
75 100
77 30.4 23.3 34.9
39 51.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 56.046 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

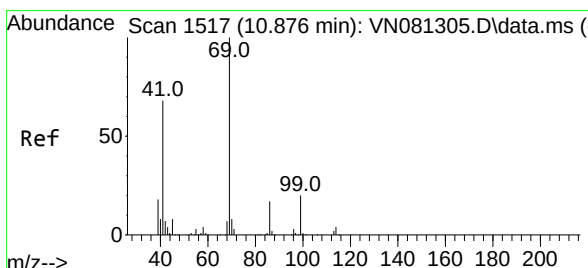
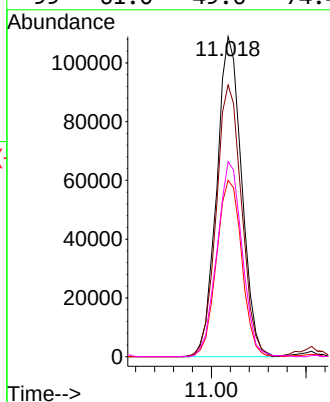
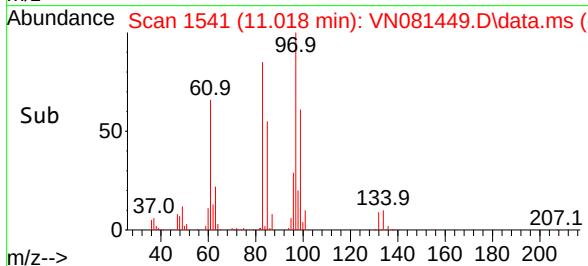
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 19918
Ion Ratio Lower Upper
97 100
83 84.9 72.9 109.3
85 55.1 50.2 75.2
99 61.0 49.6 74.4

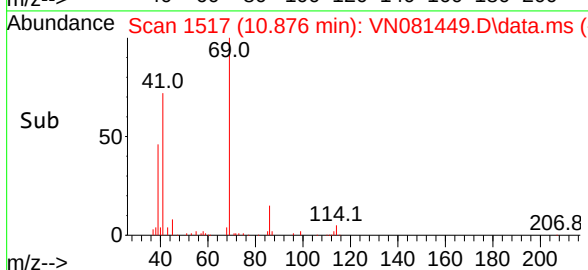
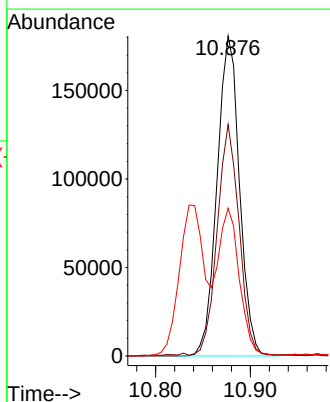
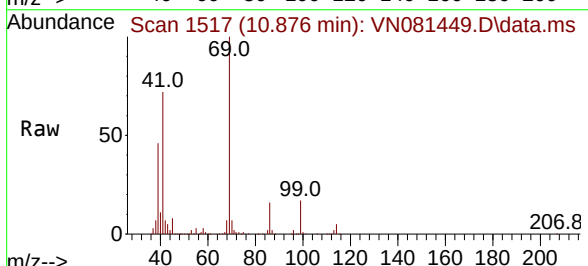
Manual Integrations
APPROVED

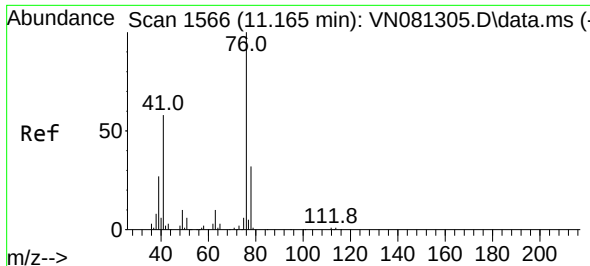
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#56
Ethyl methacrylate
Concen: 58.413 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion: 69 Resp: 298086
Ion Ratio Lower Upper
69 100
41 71.5 61.0 91.6
39 42.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 55.206 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 34241

Ion Ratio Lower Upper

76 100

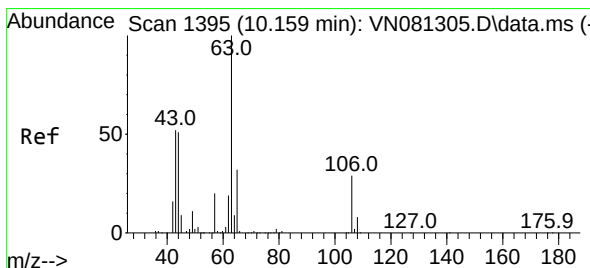
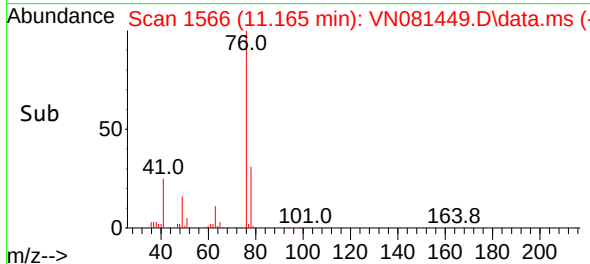
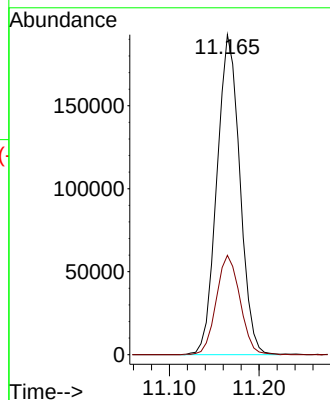
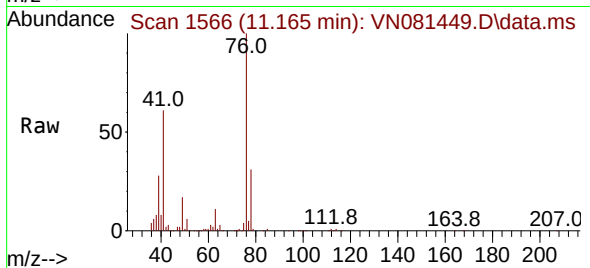
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 295.355 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081449.D

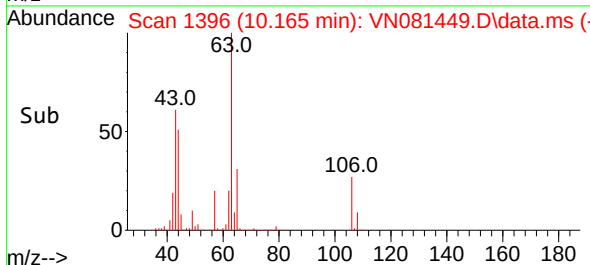
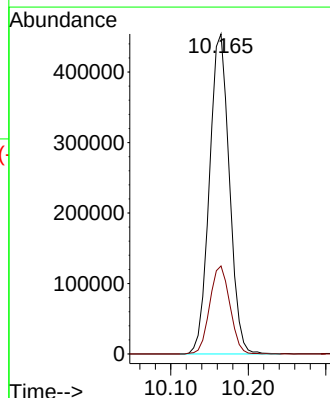
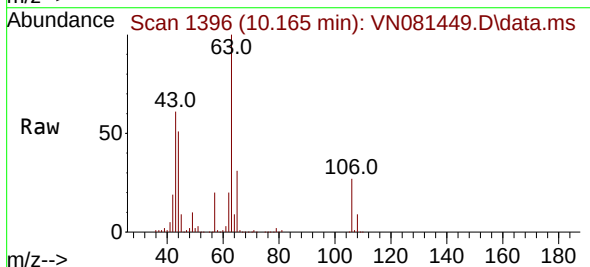
Acq: 16 Mar 2024 00:52

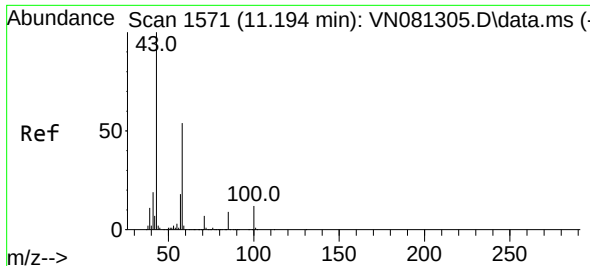
Tgt Ion: 63 Resp: 810756

Ion Ratio Lower Upper

63 100

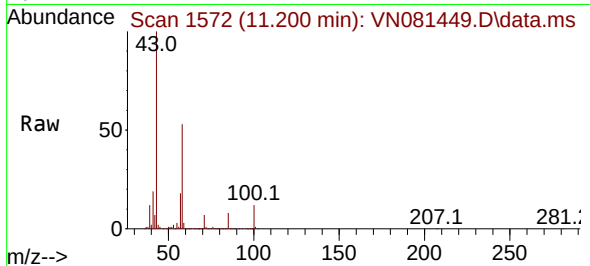
106 27.8 18.6 28.0





#59
2-Hexanone
Concen: 291.140 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

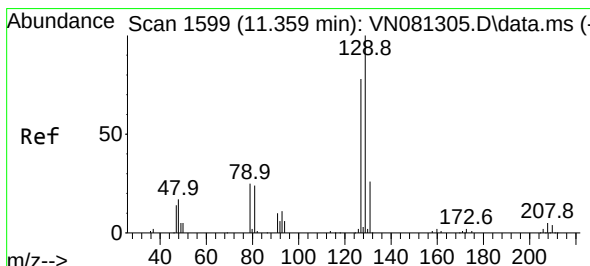
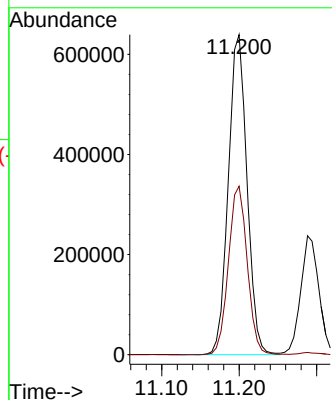
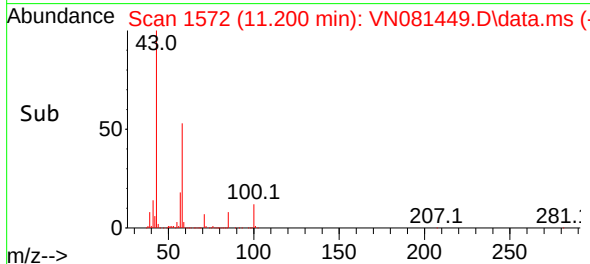
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



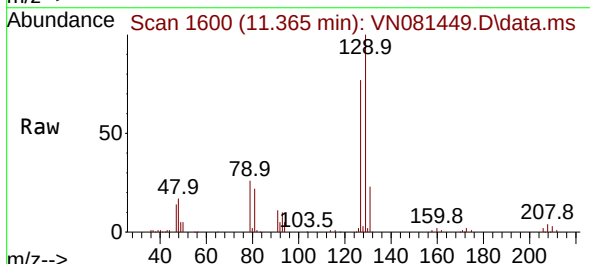
Tgt Ion: 43 Resp: 107472
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8

Manual Integrations
APPROVED

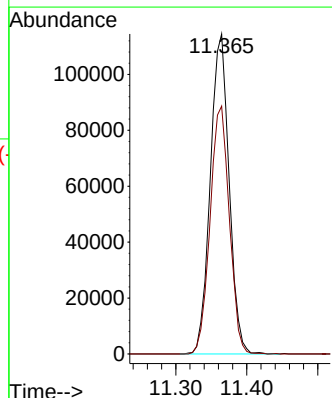
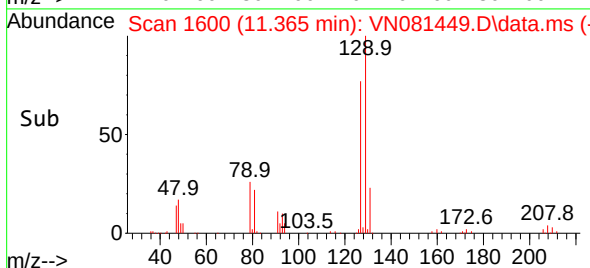
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

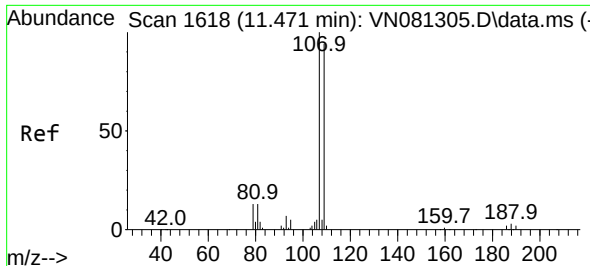


#60
Dibromochloromethane
Concen: 57.344 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



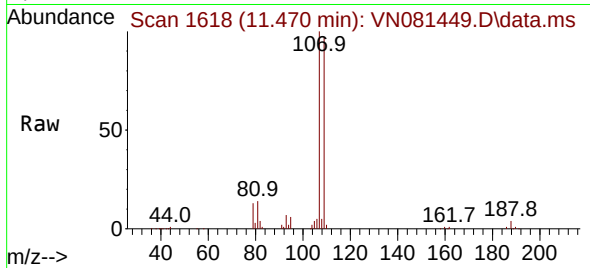
Tgt Ion:129 Resp: 209881
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.399 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

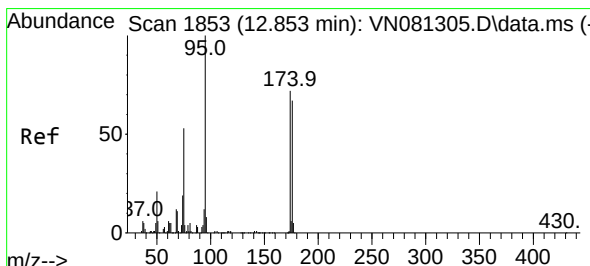
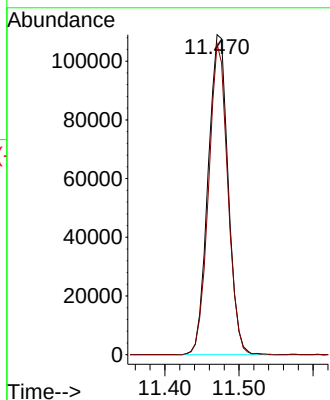
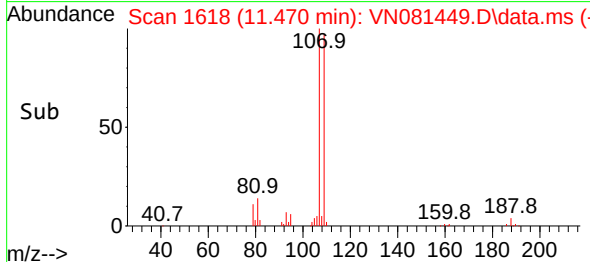
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



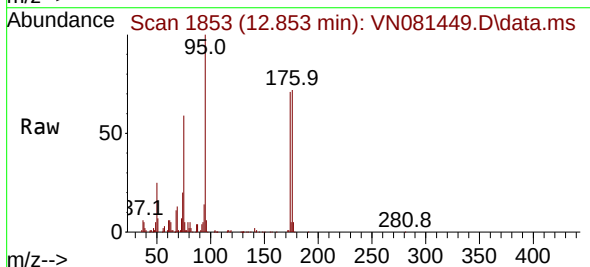
Tgt Ion: 107 Resp: 20428
Ion Ratio Lower Upper
107 100
109 93.4 73.4 110.2

Manual Integrations
APPROVED

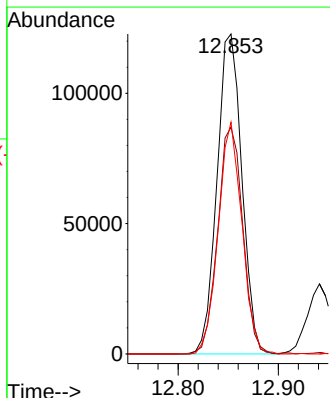
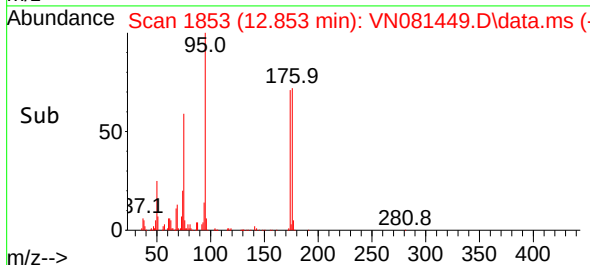
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

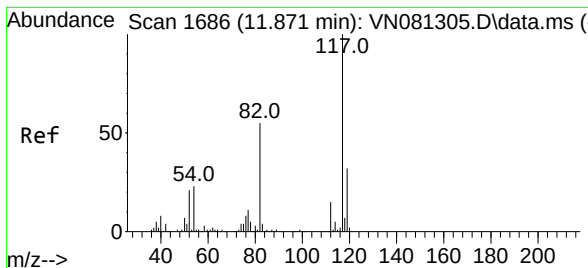


#62
4-Bromofluorobenzene
Concen: 51.924 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



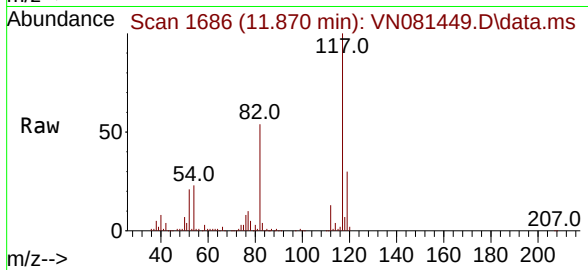
Tgt Ion: 95 Resp: 211353
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 69.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

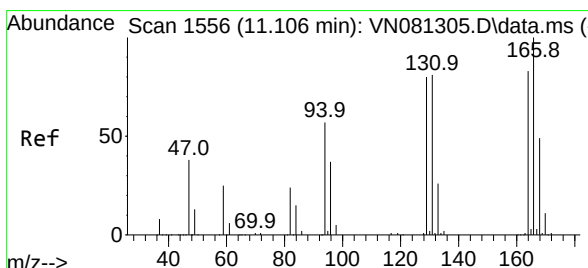
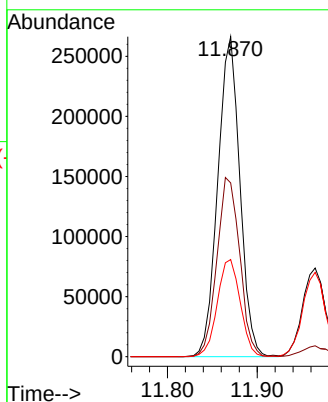
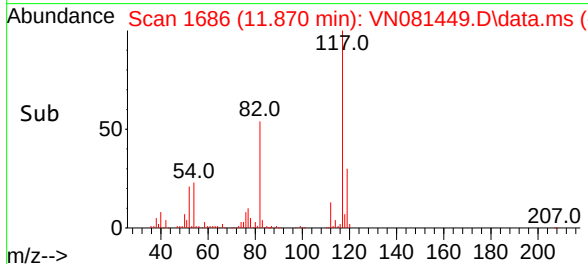
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



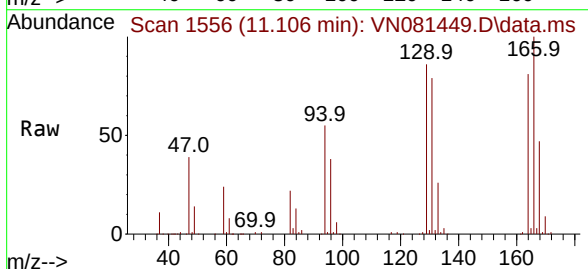
Tgt Ion:117 Resp: 455772
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 30.4 25.3 37.9

Manual Integrations
APPROVED

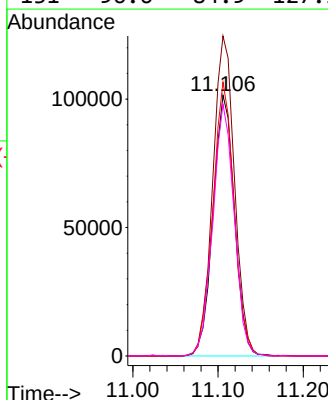
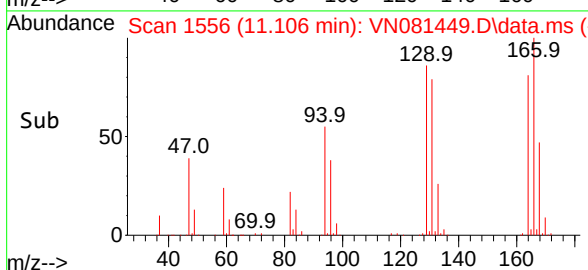
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

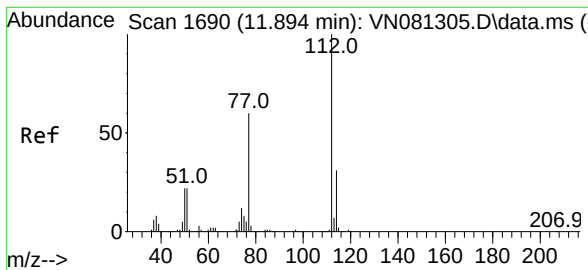


#64
Tetrachloroethene
Concen: 49.925 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



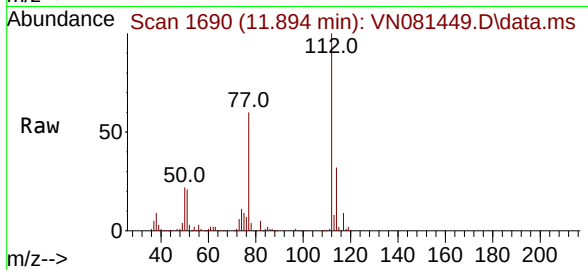
Tgt Ion:164 Resp: 178167
Ion Ratio Lower Upper
164 100
166 122.8 105.8 158.6
129 105.1 89.6 134.4
131 96.6 84.9 127.3





#65
Chlorobenzene
Concen: 50.527 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

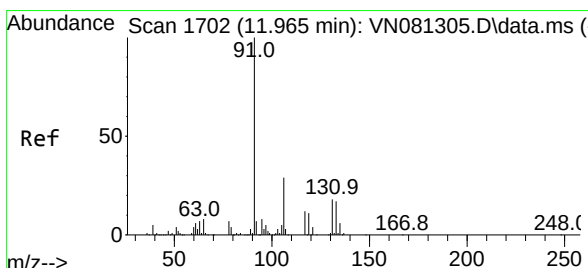
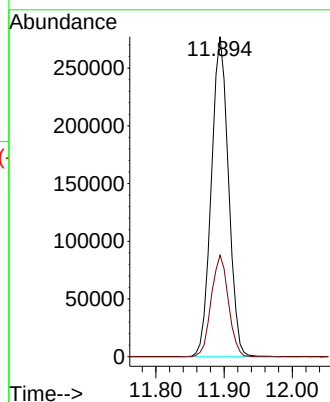
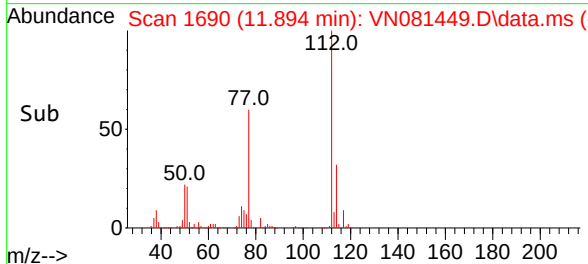
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



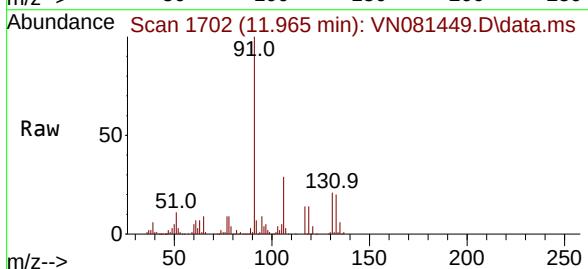
Tgt Ion:112 Resp: 485278
Ion Ratio Lower Upper
112 100
114 31.7 23.7 35.5

Manual Integrations
APPROVED

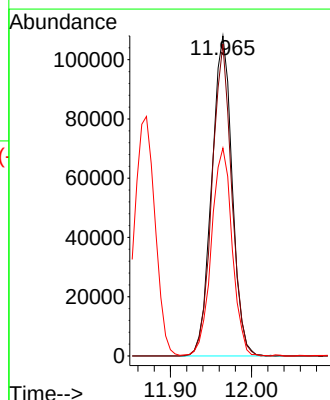
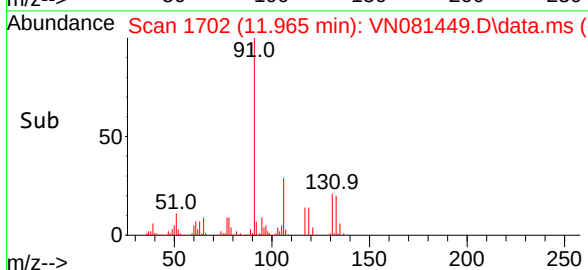
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

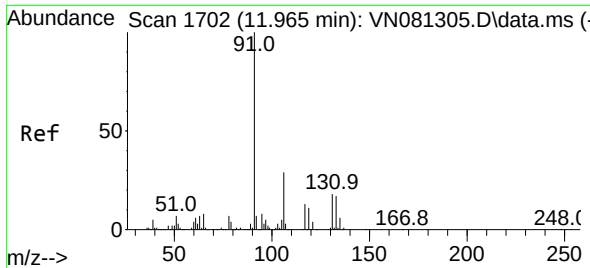


#66
1,1,1,2-Tetrachloroethane
Concen: 53.670 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



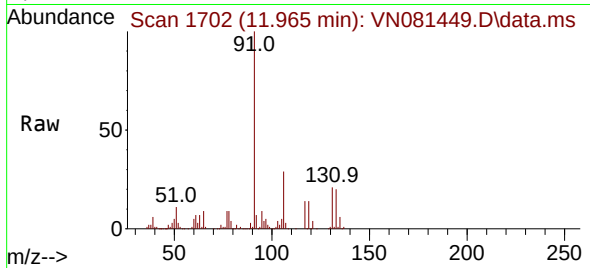
Tgt Ion:131 Resp: 188620
Ion Ratio Lower Upper
131 100
133 94.0 46.8 140.3
119 66.0 34.6 103.9





#67
Ethyl Benzene
Concen: 50.005 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

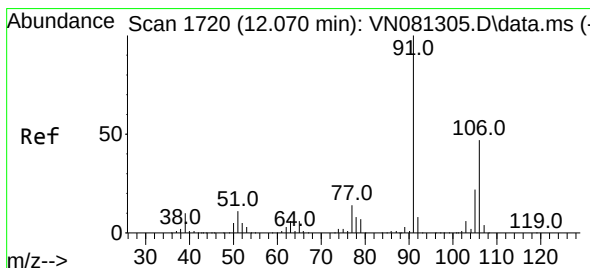
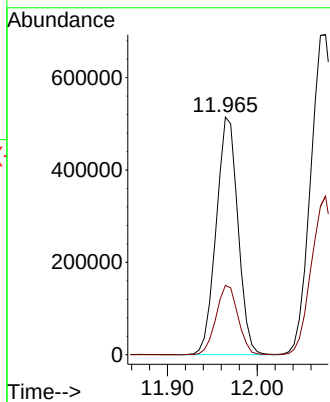
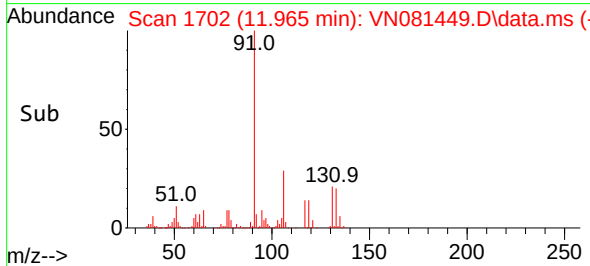
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



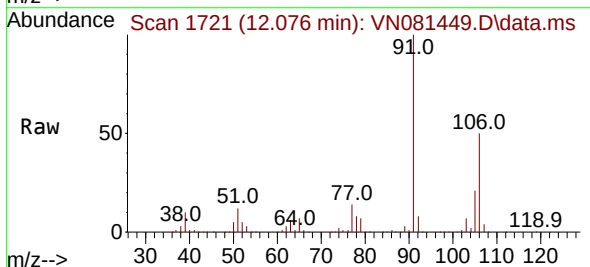
Tgt Ion: 91 Resp: 865119
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.6

Manual Integrations
APPROVED

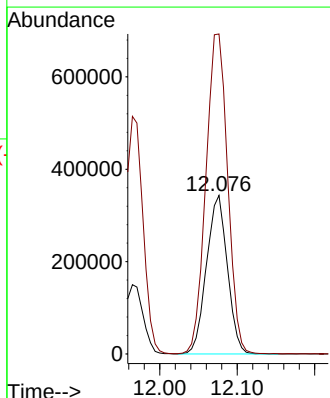
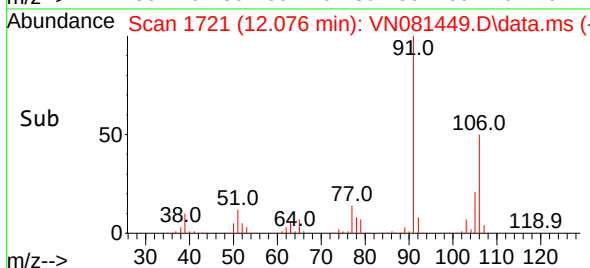
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

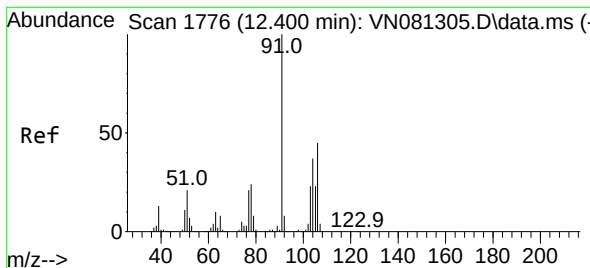


#68
m/p-Xylenes
Concen: 98.780 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



Tgt Ion:106 Resp: 643153
Ion Ratio Lower Upper
106 100
91 210.3 169.0 253.6





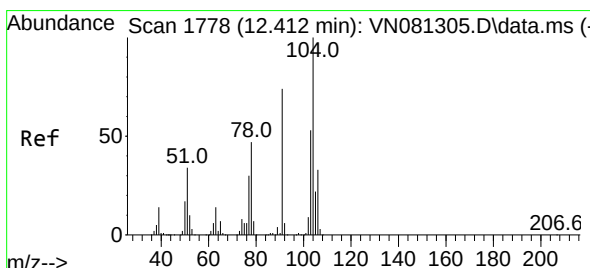
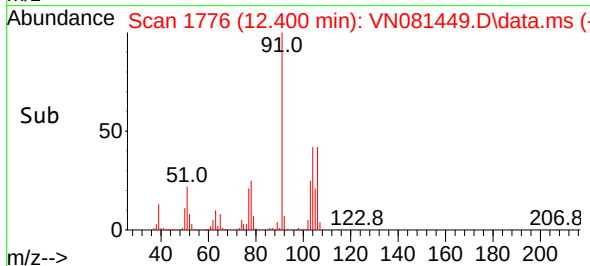
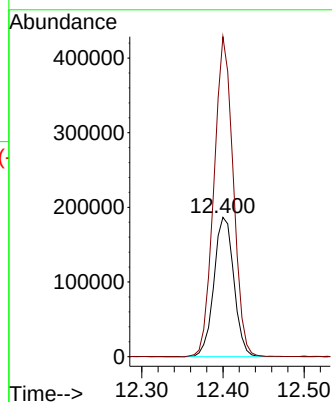
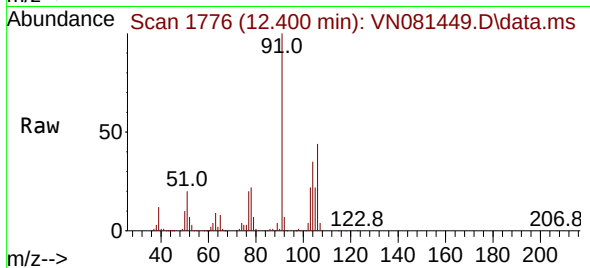
#69
o-Xylene
Concen: 50.563 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 319059
Ion Ratio Lower Upper
106 100
91 222.2 112.1 336.3

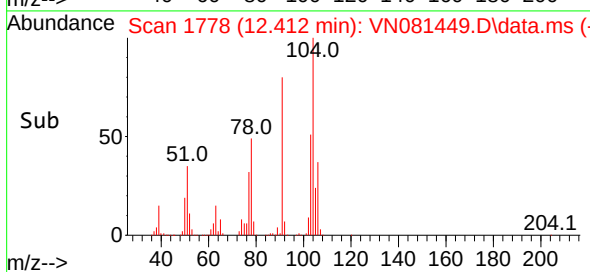
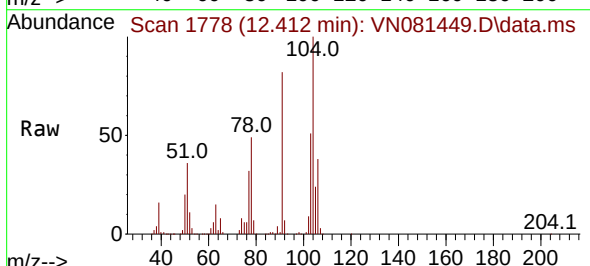
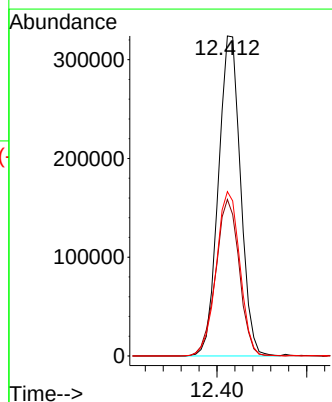
Manual Integrations
APPROVED

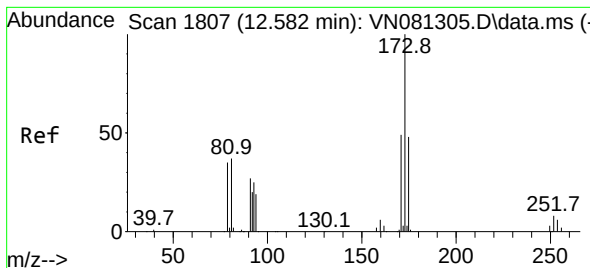
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#70
Styrene
Concen: 55.564 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion:104 Resp: 555627
Ion Ratio Lower Upper
104 100
78 52.0 43.8 65.8
103 54.8 44.2 66.2





#71

Bromoform

Concen: 55.959 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 13653

Ion Ratio Lower Upper

173 100

175 48.1 23.1 69.2

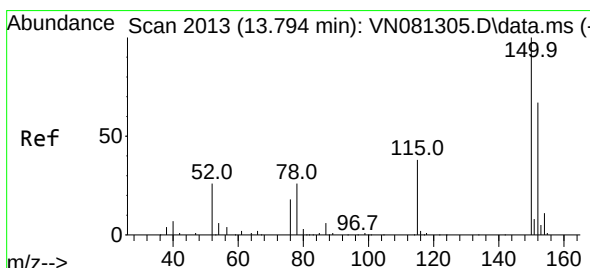
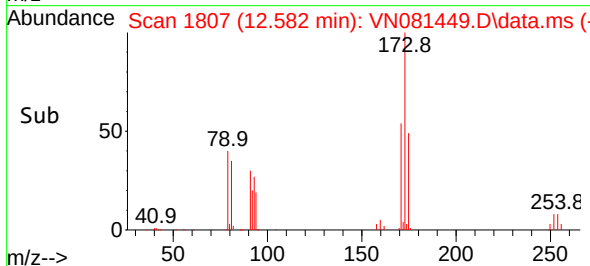
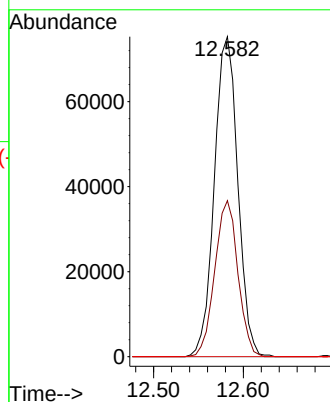
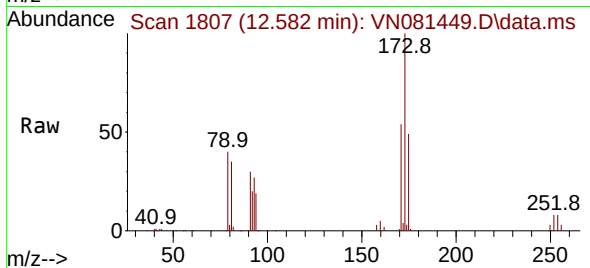
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

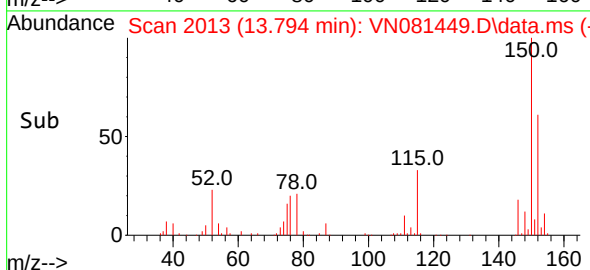
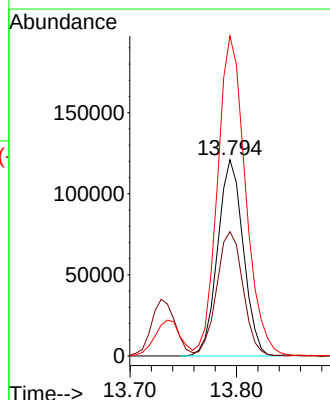
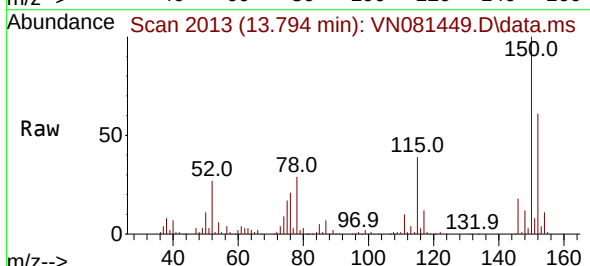
Tgt Ion:152 Resp: 201944

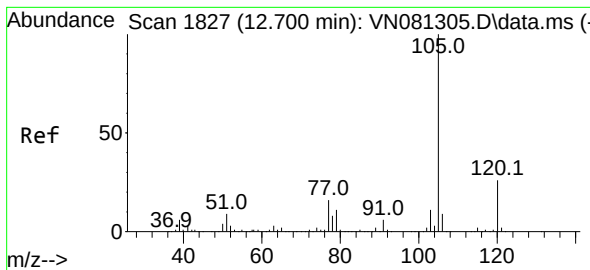
Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

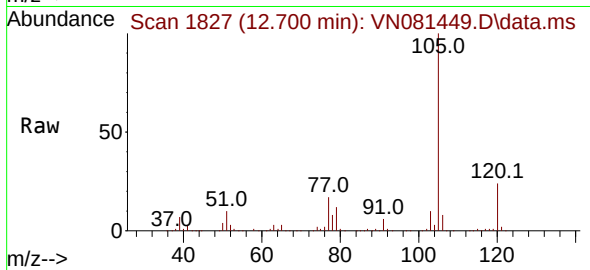
150 177.8 0.0 339.8





#73
Isopropylbenzene
Concen: 50.104 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

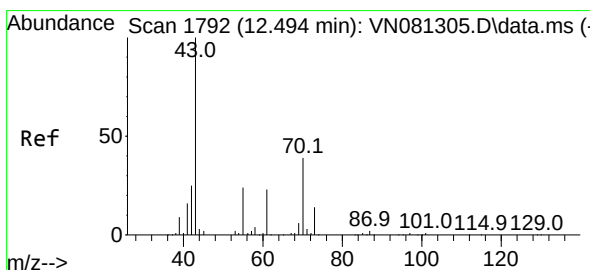
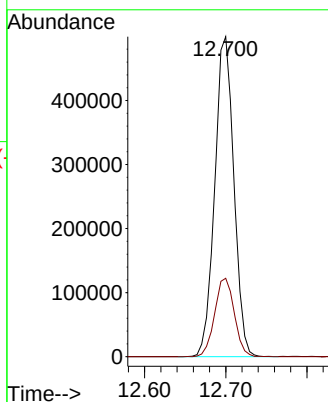
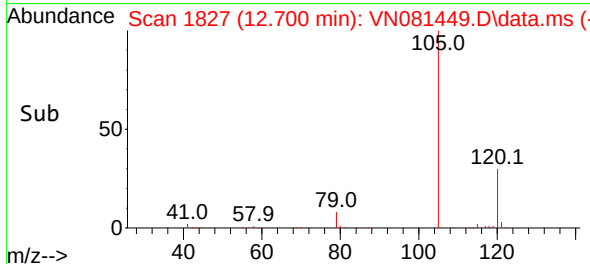
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



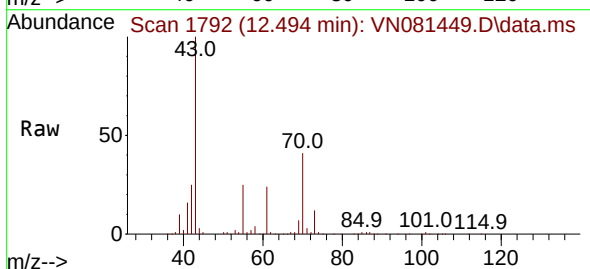
Tgt Ion:105 Resp: 81704
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.6

Manual Integrations
APPROVED

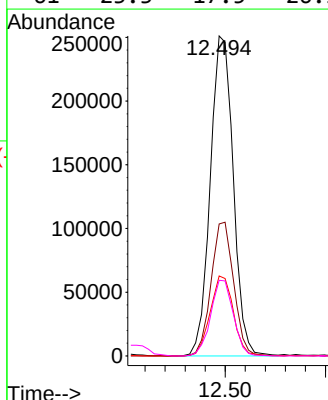
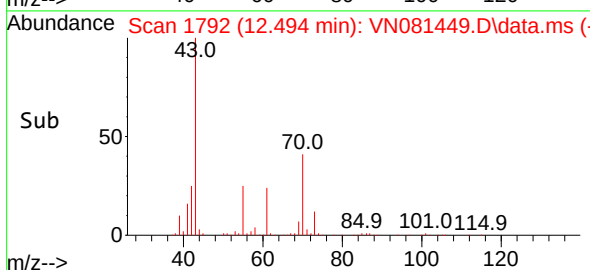
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

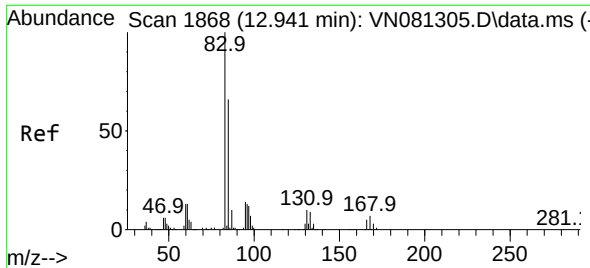


#74
N-ethyl acetate
Concen: 58.484 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



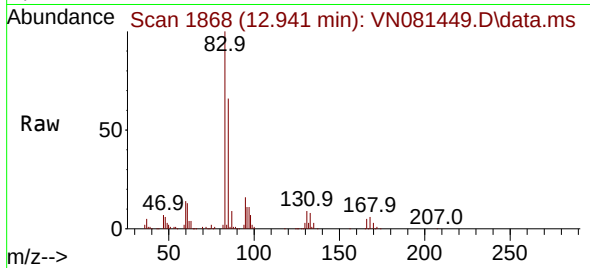
Tgt Ion: 43 Resp: 400162
Ion Ratio Lower Upper
43 100
70 41.1 30.1 45.1
55 25.2 17.0 25.4
61 23.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 53.931 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

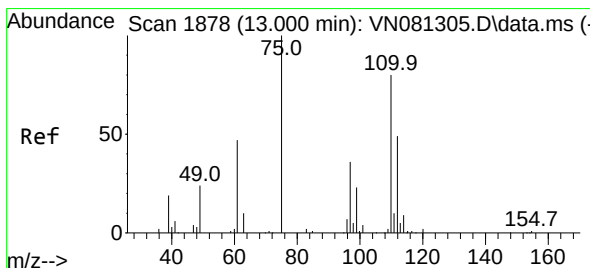
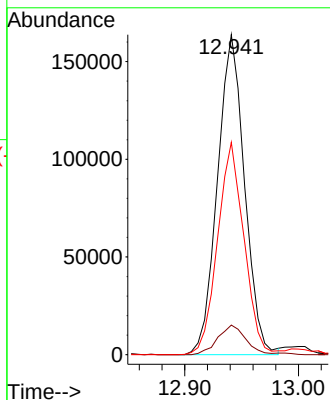
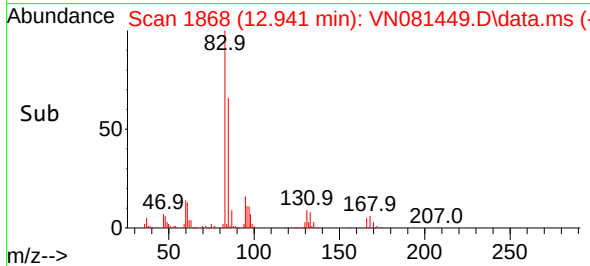
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 271409
Ion Ratio Lower Upper
83 100
131 9.8 4.1 12.3
85 65.0 32.1 96.3

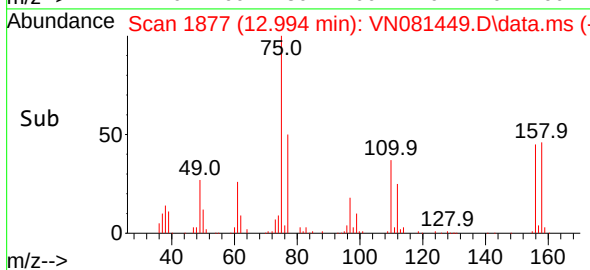
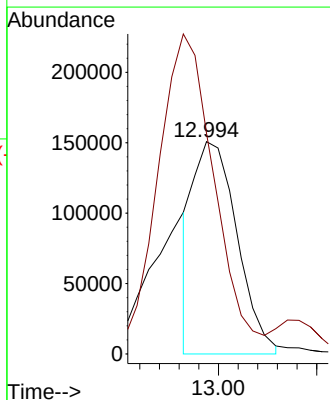
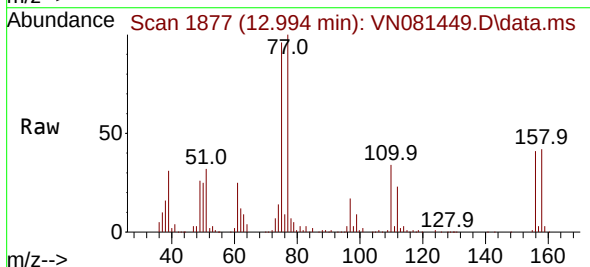
Manual Integrations
APPROVED

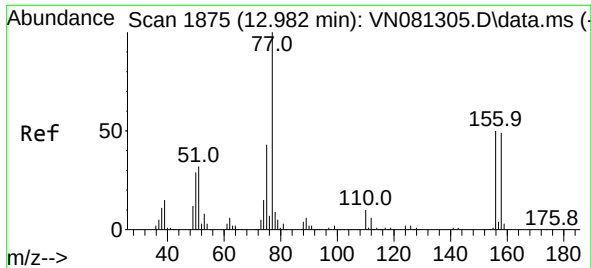
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#76
1,2,3-Trichloropropane
Concen: 48.844 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

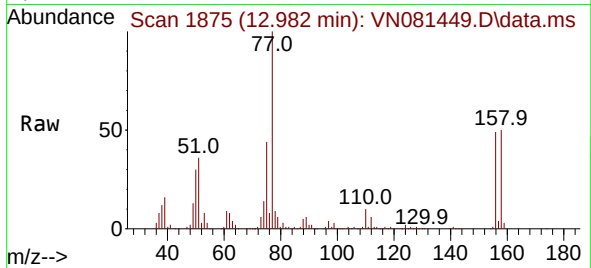
Tgt Ion: 75 Resp: 232981
Ion Ratio Lower Upper
75 100
77 195.5 91.0 272.8





#77
Bromobenzene
Concen: 48.103 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

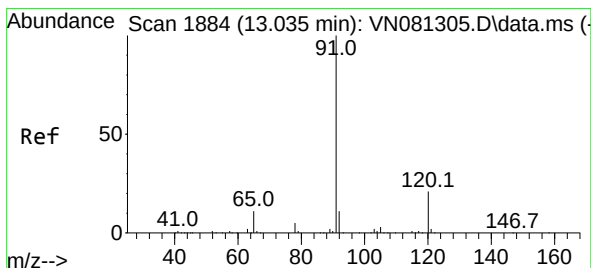
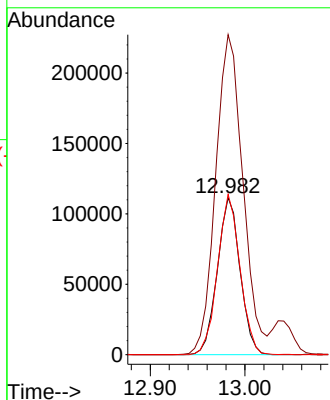
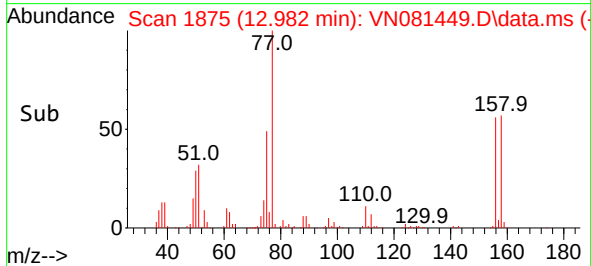
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



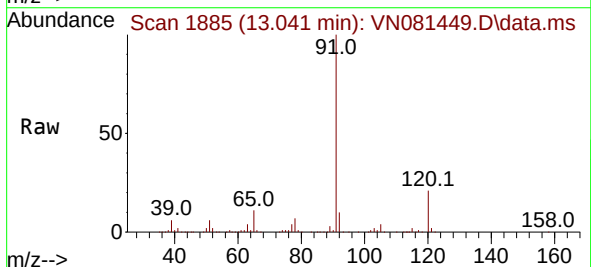
Tgt Ion:156 Resp: 185983
Ion Ratio Lower Upper
156 100
77 244.9 138.1 414.3
158 100.7 46.5 139.5

Manual Integrations
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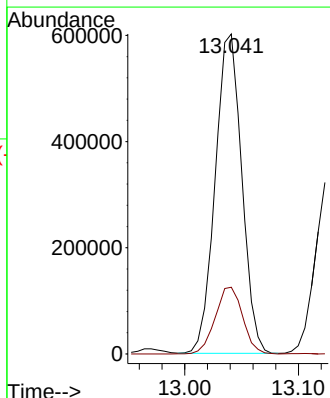
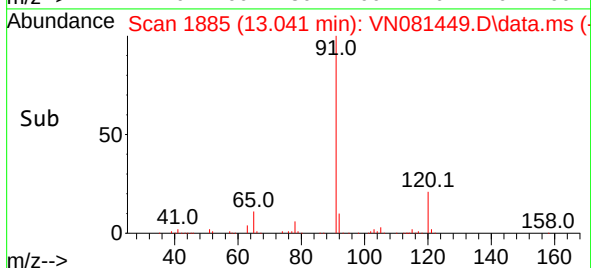
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

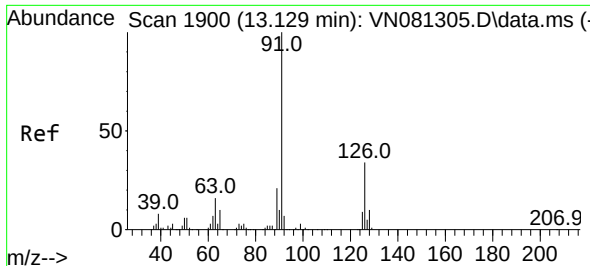


#78
n-propylbenzene
Concen: 50.741 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



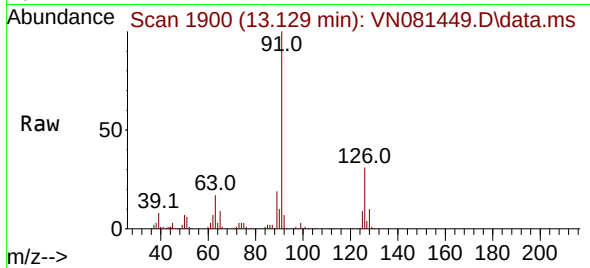
Tgt Ion: 91 Resp: 978672
Ion Ratio Lower Upper
91 100
120 21.5 10.3 30.9





#79
2-Chlorotoluene
Concen: 50.731 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

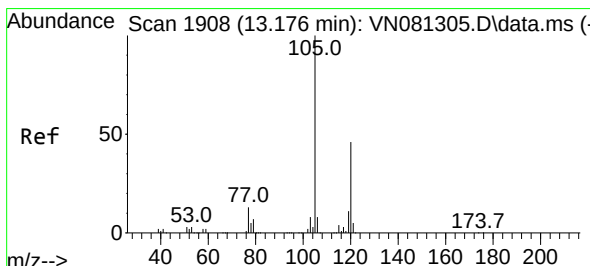
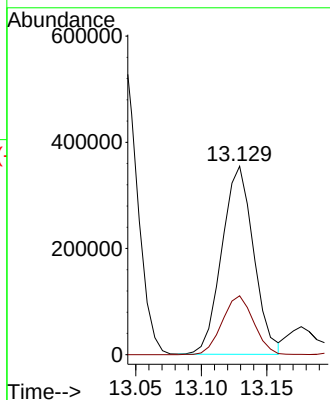
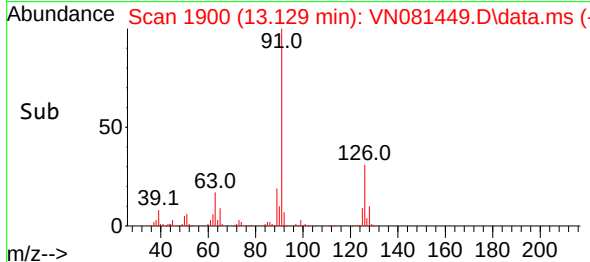
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 598090
Ion Ratio Lower Upper
91 100
126 31.0 14.8 44.4

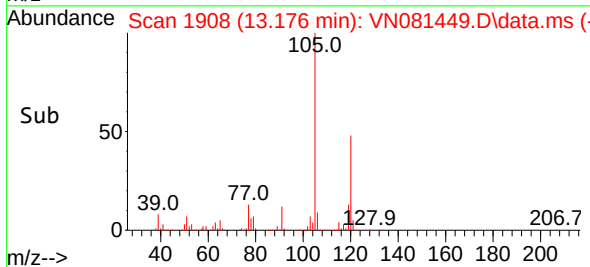
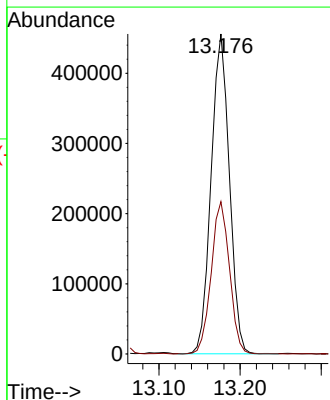
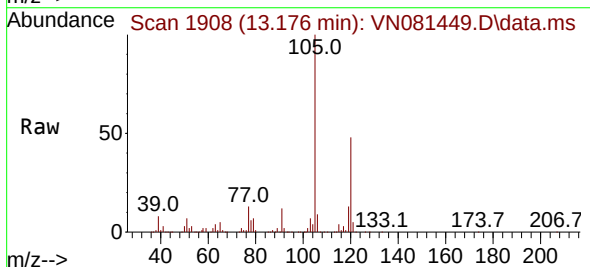
Manual Integrations
APPROVED

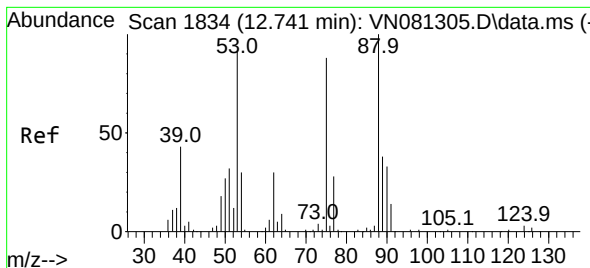
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.831 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion:105 Resp: 712147
Ion Ratio Lower Upper
105 100
120 47.8 23.0 69.0





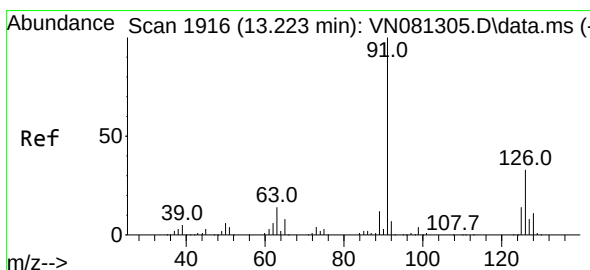
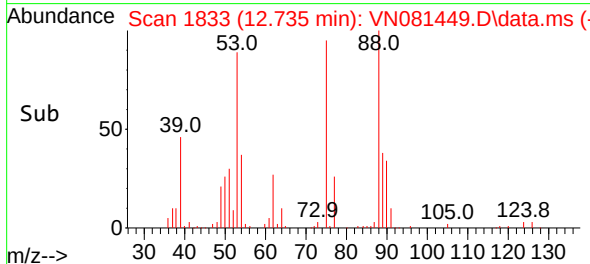
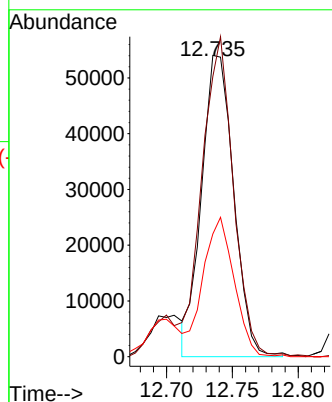
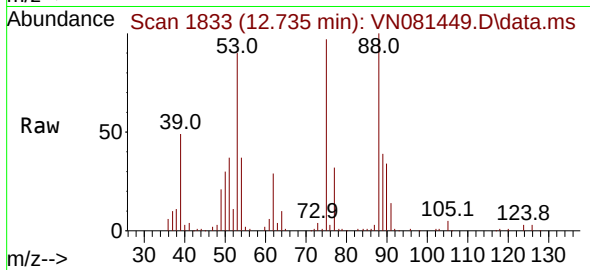
#81
trans-1,4-Dichloro-2-butene
Concen: 53.788 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 9193
Ion Ratio Lower Upper
75 100
53 105.0 71.4 107.2
89 45.1 33.4 50.0

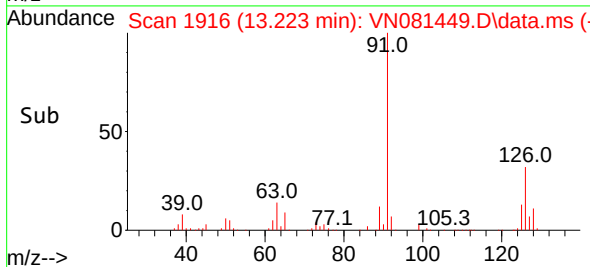
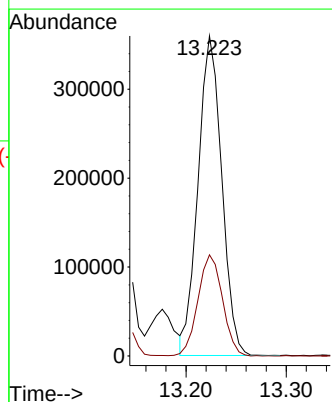
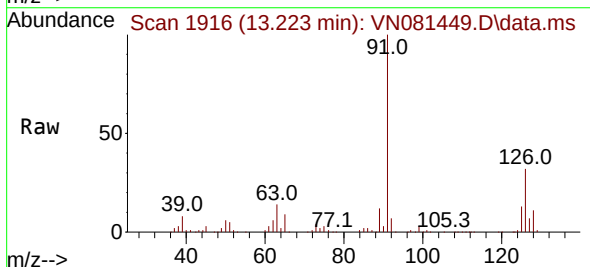
Manual Integrations
APPROVED

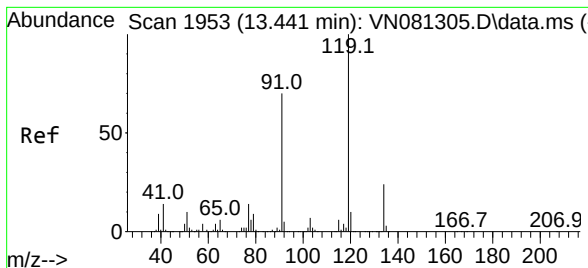
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#82
4-Chlorotoluene
Concen: 50.725 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

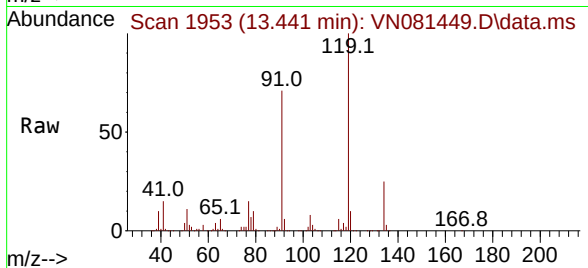
Tgt Ion: 91 Resp: 590684
Ion Ratio Lower Upper
91 100
126 32.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 48.592 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

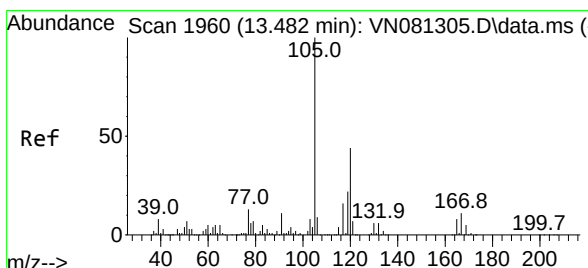
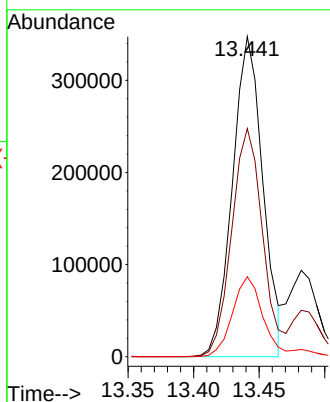
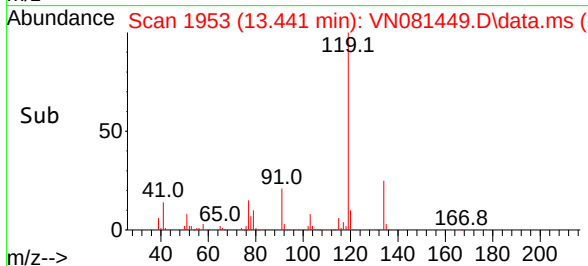
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



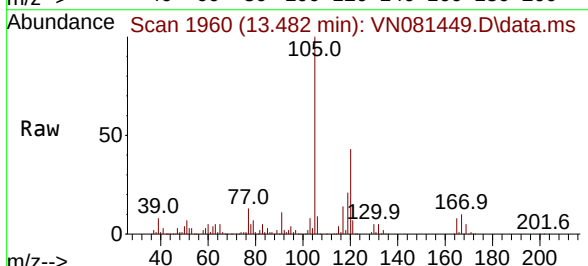
Tgt Ion:119 Resp: 561560
Ion Ratio Lower Upper
119 100
91 72.9 36.8 110.4
134 26.3 12.4 37.4

Manual Integrations
APPROVED

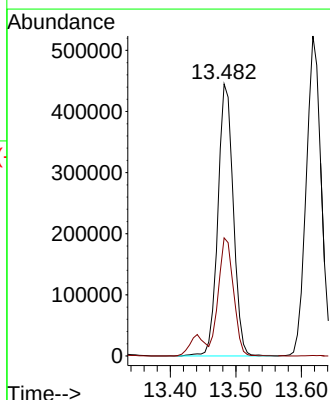
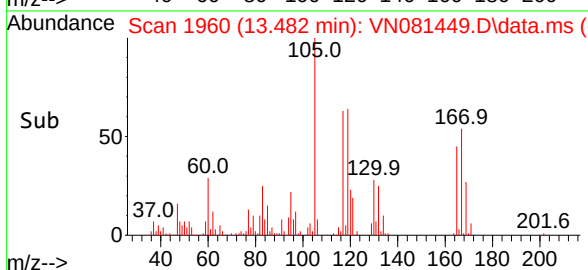
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

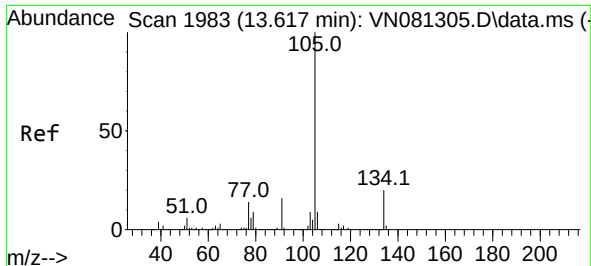


#84
1,2,4-Trimethylbenzene
Concen: 52.821 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52



Tgt Ion:105 Resp: 721397
Ion Ratio Lower Upper
105 100
120 42.6 20.9 62.7





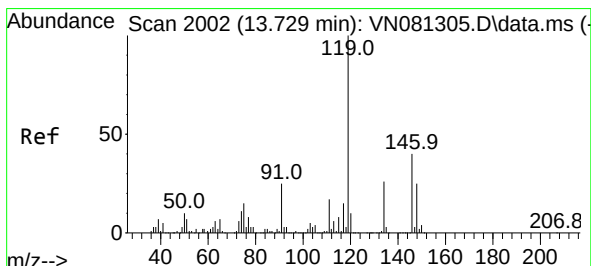
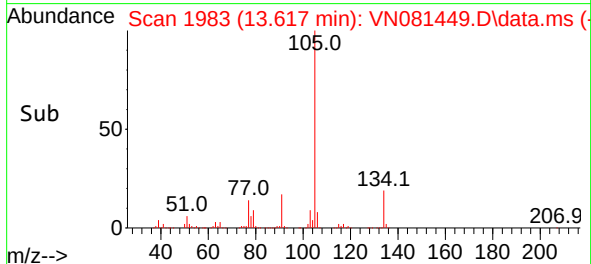
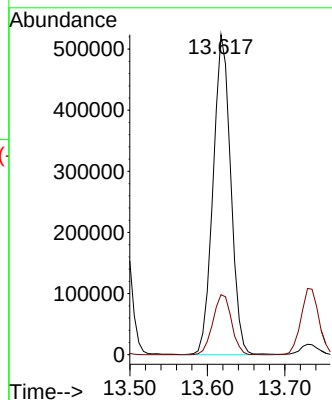
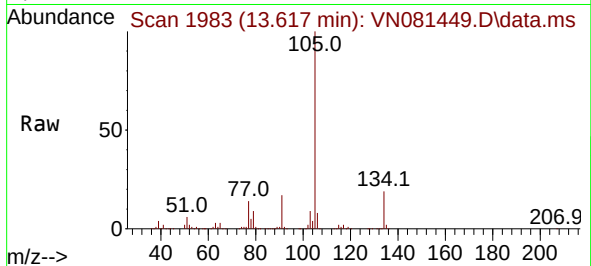
#85
 sec-Butylbenzene
 Concen: 49.445 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081449.D
 Acq: 16 Mar 2024 00:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 826650
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

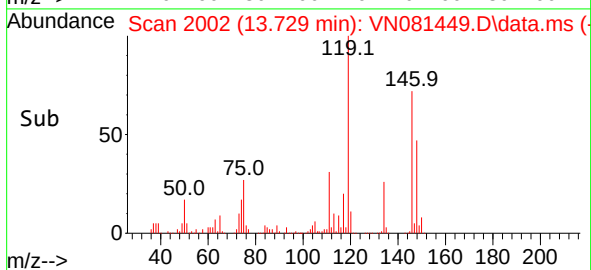
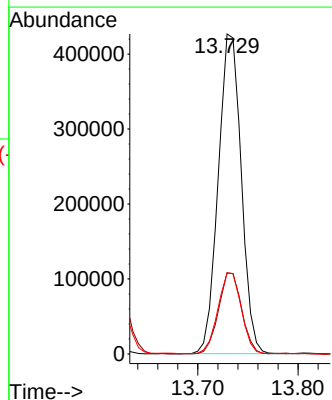
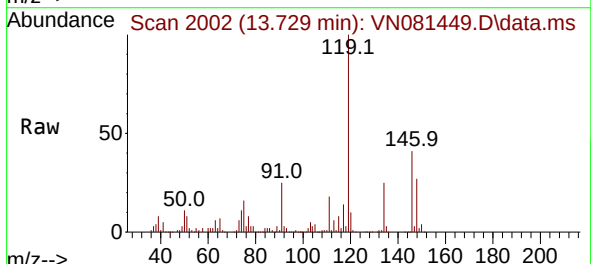
Manual Integrations
 APPROVED

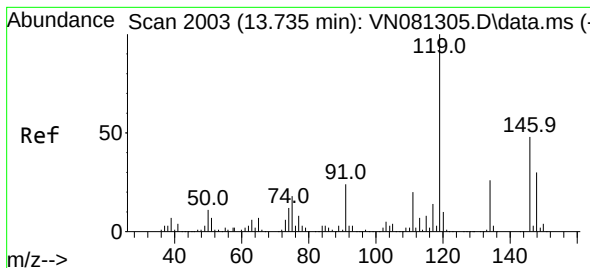
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#86
 p-Isopropyltoluene
 Concen: 50.696 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081449.D
 Acq: 16 Mar 2024 00:52

Tgt Ion:119 Resp: 679708
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 25.6 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 48.434 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 353590

Ion Ratio Lower Upper

146 100

111 43.6 23.9 71.7

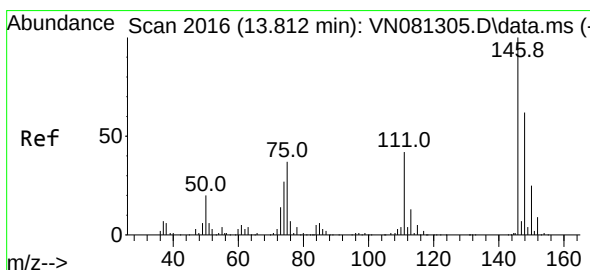
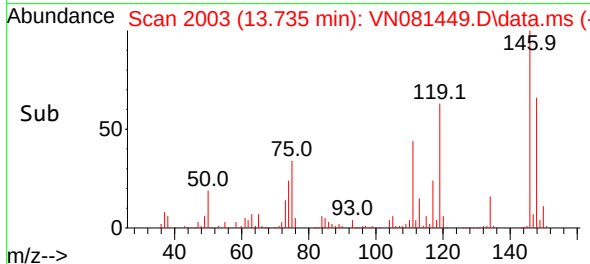
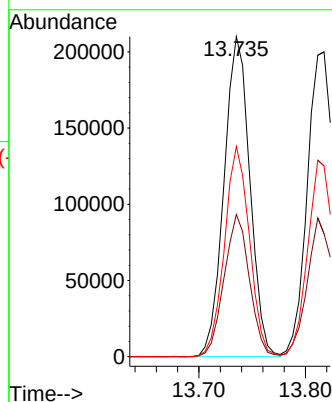
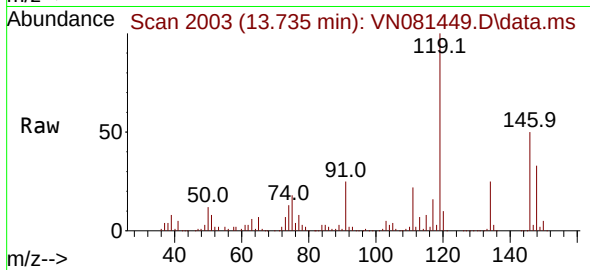
148 63.5 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#88

1,4-Dichlorobenzene

Concen: 48.476 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

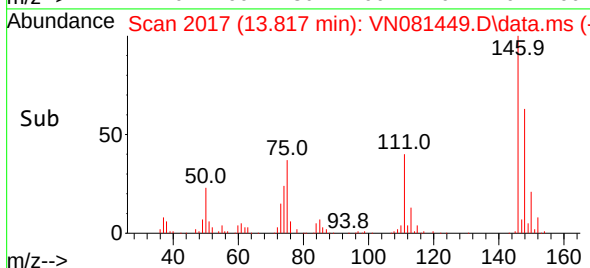
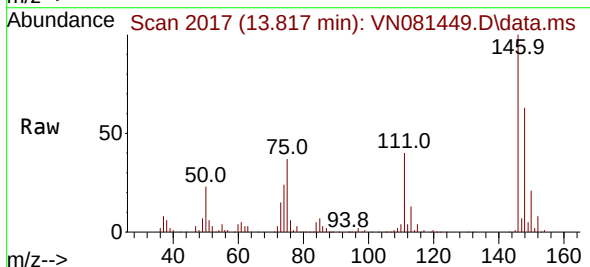
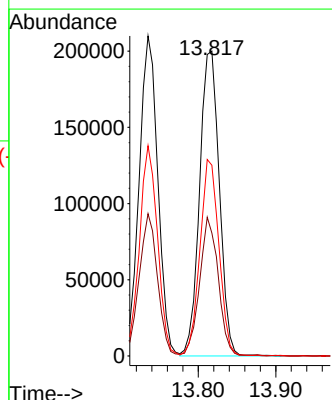
Tgt Ion:146 Resp: 353732

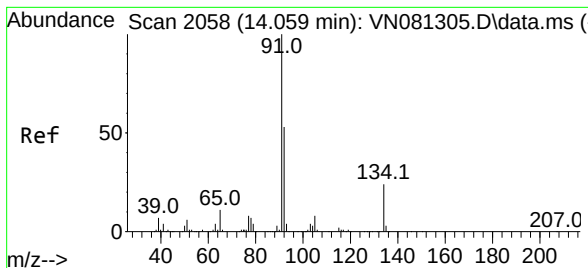
Ion Ratio Lower Upper

146 100

111 42.5 22.6 67.7

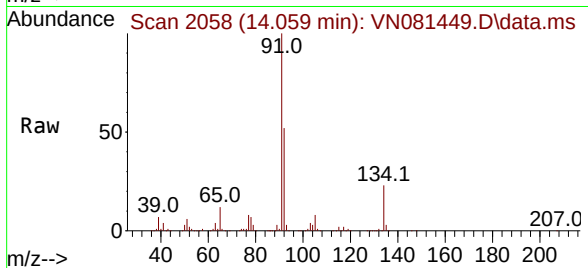
148 62.1 31.9 95.5





#89
n-Butylbenzene
Concen: 48.750 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

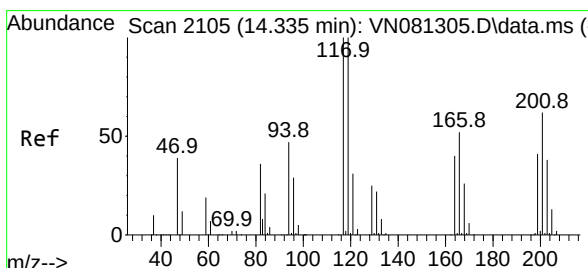
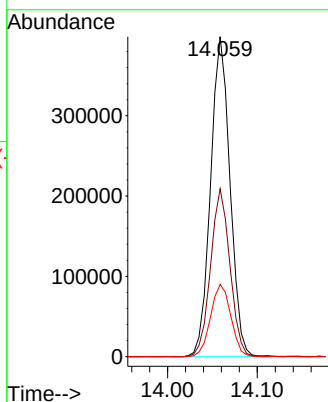
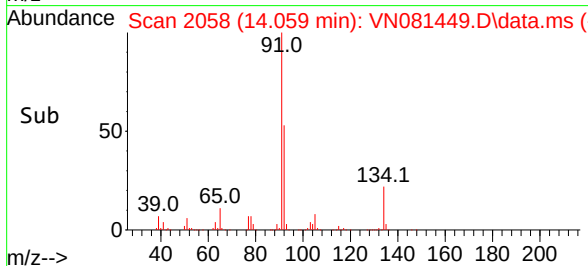
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 599400
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 23.6 10.8 32.4

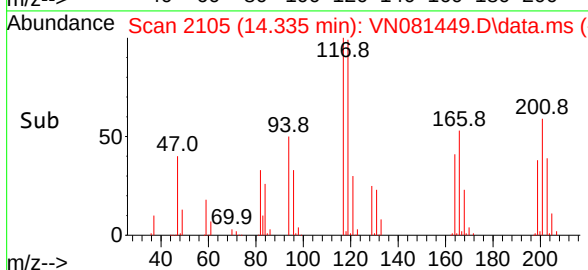
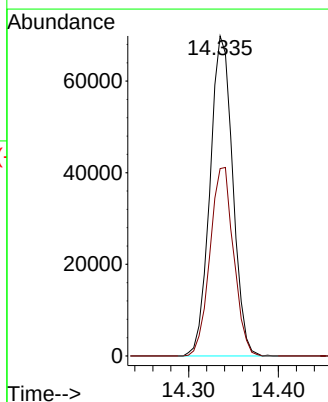
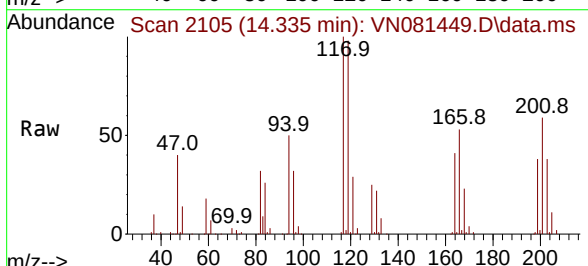
Manual Integrations
APPROVED

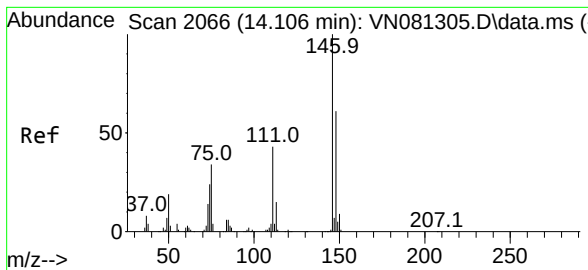
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#90
Hexachloroethane
Concen: 52.385 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

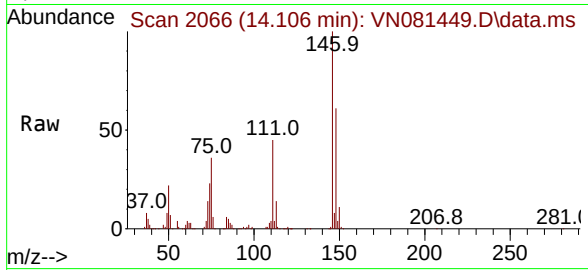
Tgt Ion:117 Resp: 122967
Ion Ratio Lower Upper
117 100
201 61.1 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 51.093 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

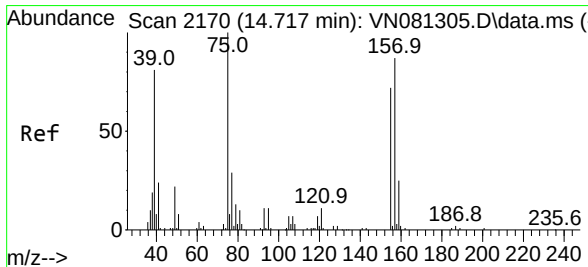
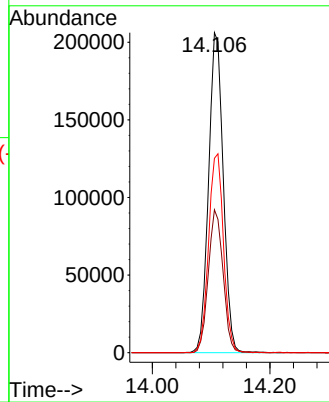
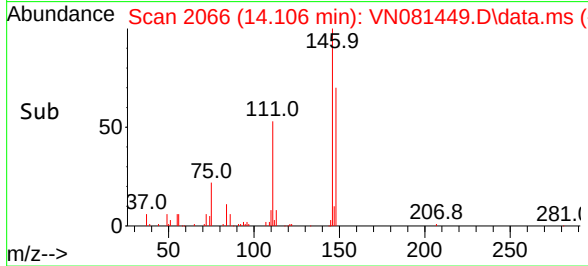
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 35788
Ion Ratio Lower Upper
146 100
111 44.9 23.9 71.8
148 63.0 31.4 94.0

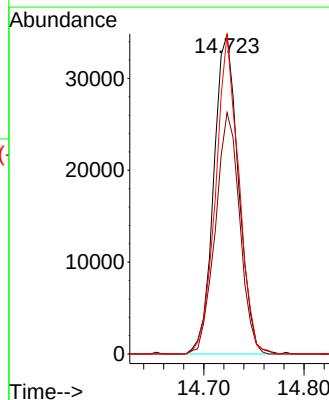
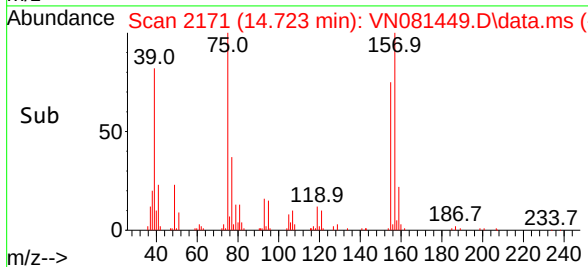
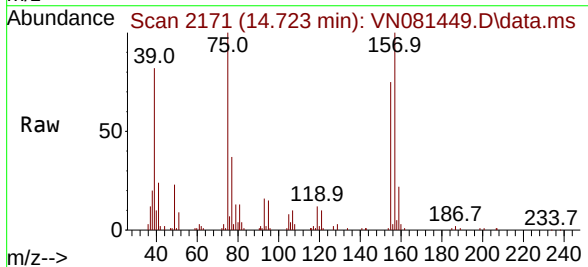
Manual Integrations
APPROVED

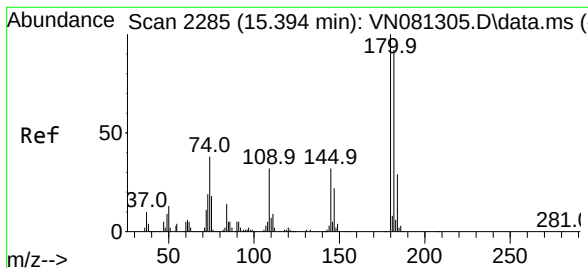
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.230 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion: 75 Resp: 59478
Ion Ratio Lower Upper
75 100
155 74.2 31.8 95.4
157 93.3 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 49.453 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081449.D

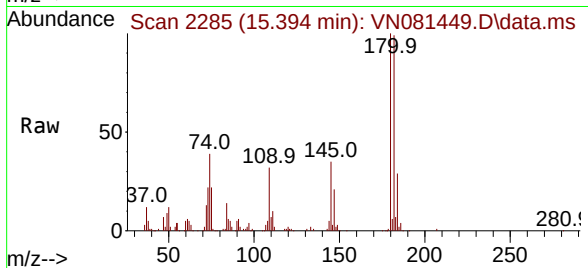
Acq: 16 Mar 2024 00:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



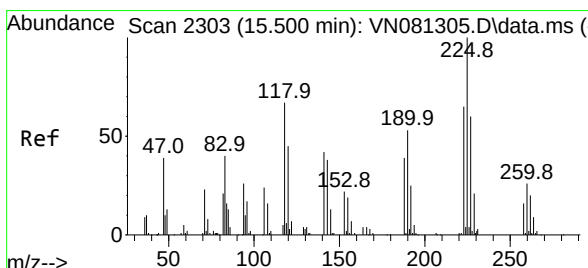
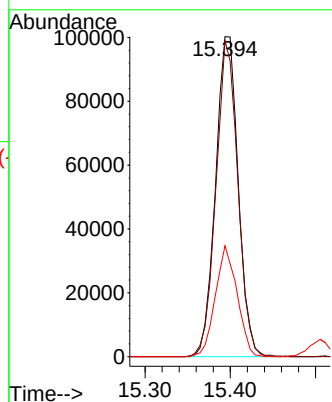
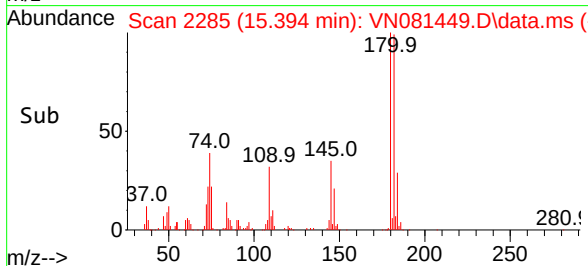
Tgt Ion:180	Resp:	185150
Ion Ratio	Lower	Upper
180	100	
182	95.1	46.6 139.7
145	33.2	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#94

Hexachlorobutadiene

Concen: 44.691 ug/l

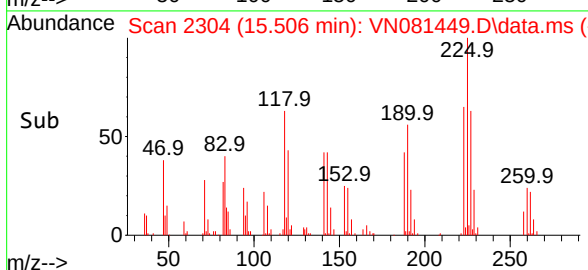
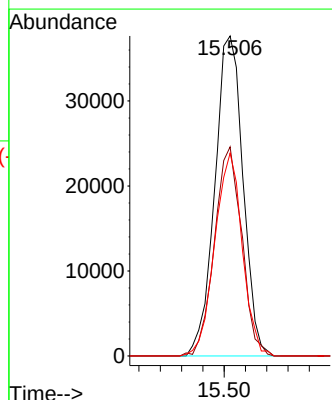
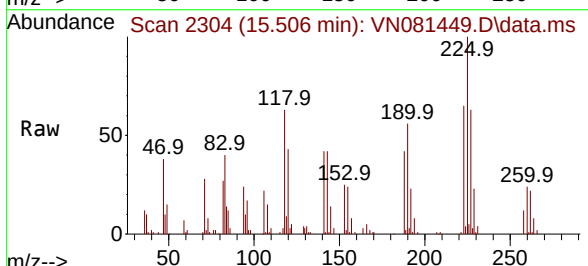
RT: 15.506 min Scan# 2304

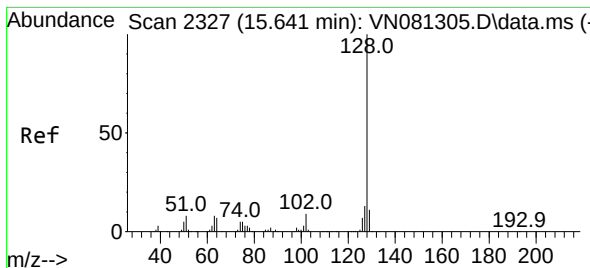
Delta R.T. 0.006 min

Lab File: VN081449.D

Acq: 16 Mar 2024 00:52

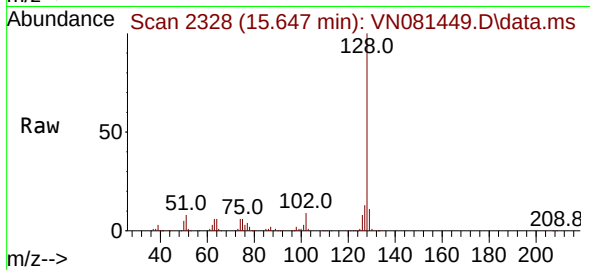
Tgt Ion:225	Resp:	69141
Ion Ratio	Lower	Upper
225	100	
223	63.2	33.3 99.8
227	61.8	33.1 99.2





#95
Naphthalene
Concen: 54.706 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

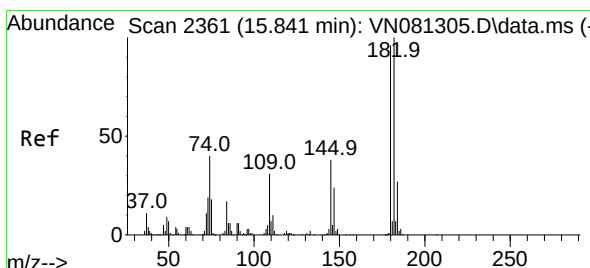
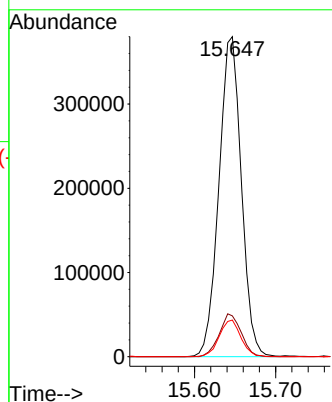
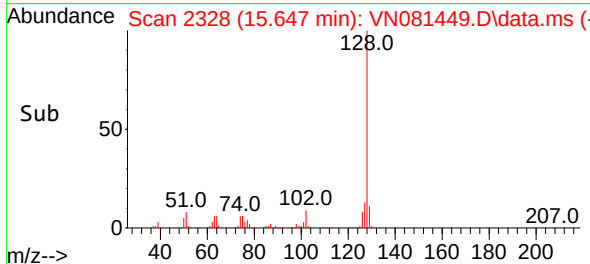
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 728827
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.284 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081449.D
Acq: 16 Mar 2024 00:52

Tgt Ion:180 Resp: 194719
Ion Ratio Lower Upper
180 100
182 93.3 46.5 139.3
145 35.3 17.8 53.4

