

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081236.D
 Acq On : 28 Feb 2024 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 28 23:22:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	277958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	510280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182959	53.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.400%			
35) Dibromofluoromethane	8.171	113	154291	53.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	10.571	98	505730	49.347	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.853	95	204911	53.211	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	184607	51.356	ug/l	95
3) Chloromethane	2.365	50	182316	46.395	ug/l	92
4) Vinyl Chloride	2.512	62	203486	50.963	ug/l	93
5) Bromomethane	2.948	94	117975	41.600	ug/l	97
6) Chloroethane	3.118	64	141150	54.759	ug/l	96
7) Trichlorofluoromethane	3.495	101	305339	52.345	ug/l	97
8) Diethyl Ether	3.959	74	112405	52.707	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	176022	54.131	ug/l	94
10) Methyl Iodide	4.589	142	170712	47.032	ug/l #	97
11) Tert butyl alcohol	5.512	59	162629	259.559	ug/l	98
12) 1,1-Dichloroethene	4.342	96	160238	50.977	ug/l	89
13) Acrolein	4.183	56	104841	312.192	ug/l	99
14) Allyl chloride	5.024	41	231640	49.666	ug/l #	89
15) Acrylonitrile	5.724	53	481820	294.445	ug/l	98
16) Acetone	4.424	43	347491	259.211	ug/l	97
17) Carbon Disulfide	4.712	76	380826	43.436	ug/l	98
18) Methyl Acetate	5.024	43	218967	66.957	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	589360	54.743	ug/l	98
20) Methylene Chloride	5.277	84	194783	56.282	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	177098	50.498	ug/l	93
22) Diisopropyl ether	6.677	45	592699	56.021	ug/l #	93
23) Vinyl Acetate	6.606	43	2345168	273.205	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	341801	55.873	ug/l	96
25) 2-Butanone	7.489	43	616733	284.768	ug/l	92
26) 2,2-Dichloropropane	7.494	77	276189	48.184	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	217217	53.310	ug/l	87
28) Bromochloromethane	7.818	49	159758	62.993	ug/l #	70
29) Tetrahydrofuran	7.841	42	415393	287.324	ug/l #	87
30) Chloroform	7.971	83	375079	57.675	ug/l	97
31) Cyclohexane	8.259	56	275970	46.912	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	326500	55.126	ug/l	94
36) 1,1-Dichloropropene	8.371	75	260867	52.770	ug/l	97
37) Ethyl Acetate	7.565	43	253681	56.860	ug/l	97
38) Carbon Tetrachloride	8.365	117	273232	54.631	ug/l	94
39) Methylcyclohexane	9.606	83	294113	51.038	ug/l	89
40) Benzene	8.612	78	790703	55.260	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	138330	54.479	ug/l	93
42) 1,2-Dichloroethane	8.677	62	283601	56.810	ug/l	100
43) Isopropyl Acetate	8.694	43	430676	55.195	ug/l #	96
44) Trichloroethene	9.359	130	198110	51.983	ug/l	99
45) 1,2-Dichloropropane	9.624	63	203758	56.927	ug/l	99
46) Dibromomethane	9.712	93	150056	57.539	ug/l	92
47) Bromodichloromethane	9.888	83	291733	59.065	ug/l #	98
48) Methyl methacrylate	9.682	41	200438	55.206	ug/l	88
49) 1,4-Dioxane	9.700	88	87225	1318.218	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1379010	307.224	ug/l	96
52) Toluene	10.635	92	511762	56.495	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	306874	55.910	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	331496	55.900	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	207580	59.580	ug/l	95
56) Ethyl methacrylate	10.877	69	308712	57.977	ug/l	89
57) 1,3-Dichloropropane	11.165	76	355508	59.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	724476	271.168	ug/l #	88
59) 2-Hexanone	11.200	43	1021798	287.136	ug/l	96
60) Dibromochloromethane	11.365	129	210269	56.810	ug/l	98
61) 1,2-Dibromoethane	11.471	107	205401	56.063	ug/l	95
64) Tetrachloroethene	11.106	164	194196	60.127	ug/l	93
65) Chlorobenzene	11.894	112	537041	52.435	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	203506	55.321	ug/l	97
67) Ethyl Benzene	11.965	91	978413	53.386	ug/l	100
68) m/p-Xylenes	12.076	106	748002	106.481	ug/l	96
69) o-Xylene	12.400	106	365632	52.508	ug/l	96
70) Styrene	12.412	104	621164	56.294	ug/l	96
71) Bromoform	12.582	173	137095	58.741	ug/l #	98
73) Isopropylbenzene	12.700	105	965978	49.597	ug/l	98
74) N-amyl acetate	12.494	43	401517	48.778	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	289356	52.835	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	234666m	46.397	ug/l	
77) Bromobenzene	12.982	156	218815	50.387	ug/l	78
78) n-propylbenzene	13.041	91	1162420	51.845	ug/l	96
79) 2-Chlorotoluene	13.129	91	685356	49.835	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	824172	52.191	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	97253	49.493	ug/l #	80
82) 4-Chlorotoluene	13.223	91	678531	50.460	ug/l	94
83) tert-Butylbenzene	13.441	119	708891	51.916	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	835400	53.089	ug/l	97
85) sec-Butylbenzene	13.618	105	1026743	54.089	ug/l	94
86) p-Isopropyltoluene	13.735	119	837145	53.094	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	414103	50.468	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	415378	51.519	ug/l	96
89) n-Butylbenzene	14.059	91	743480	54.125	ug/l	97
90) Hexachloroethane	14.335	117	145164	55.699	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	395164	49.933	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56848	49.926	ug/l	78
93) 1,2,4-Trichlorobenzene	15.400	180	223362	50.590	ug/l	99
94) Hexachlorobutadiene	15.506	225	79549	48.311	ug/l	98
95) Naphthalene	15.647	128	798875	49.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	217598	49.681	ug/l	98

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VSTDCCC050

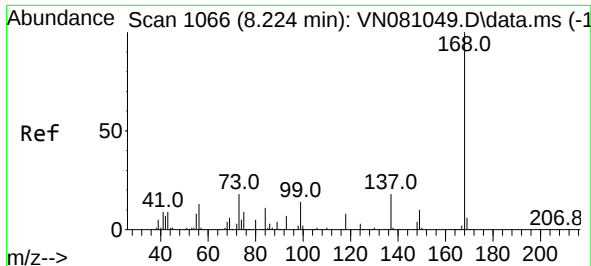
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

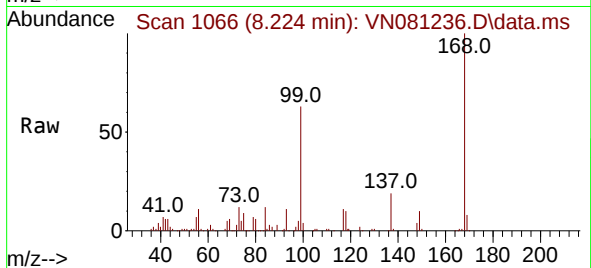
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081236.D
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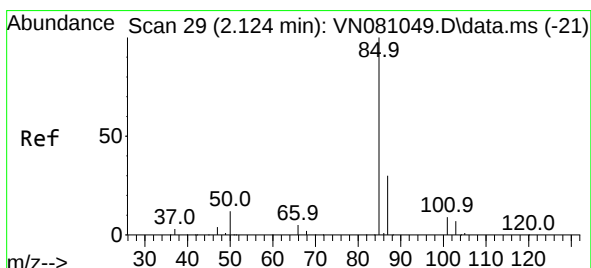
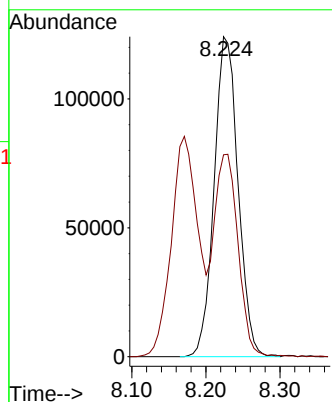
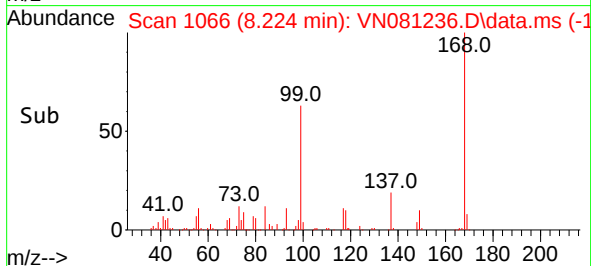
Instrument :
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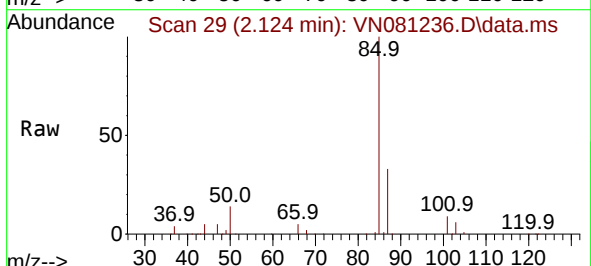
Tgt Ion:168 Resp: 277958
Ion Ratio Lower Upper
168 100
99 62.7 59.9 89.9

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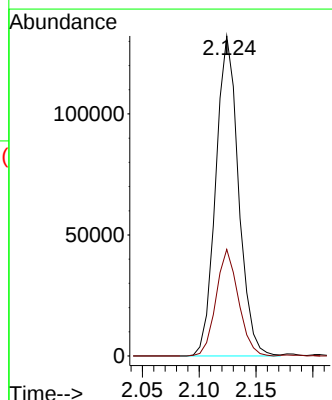
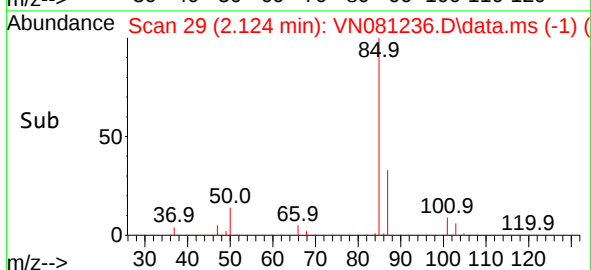
Reviewed By :John Carlone 02/29/2024
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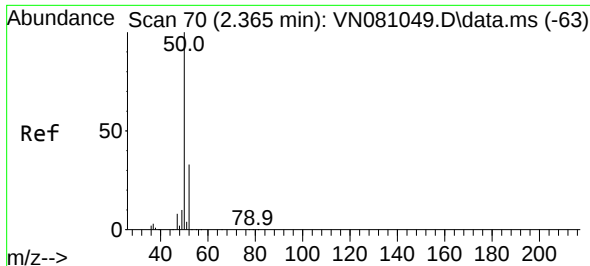


#2
Dichlorodifluoromethane
Concen: 51.356 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



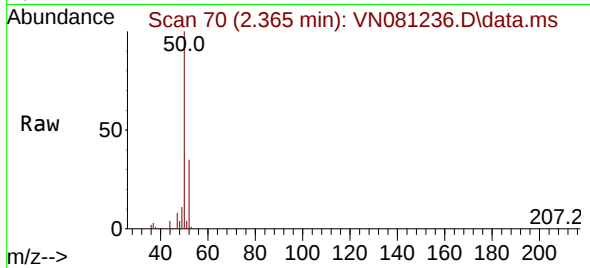
Tgt Ion: 85 Resp: 184607
Ion Ratio Lower Upper
85 100
87 33.3 15.3 45.9





#3
Chloromethane
Concen: 46.395 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

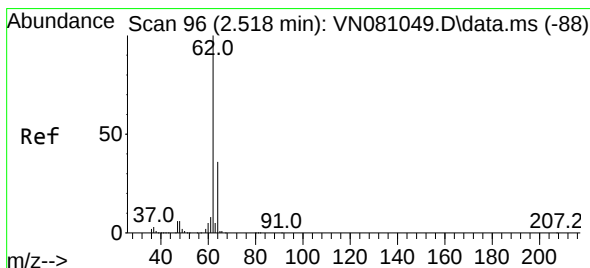
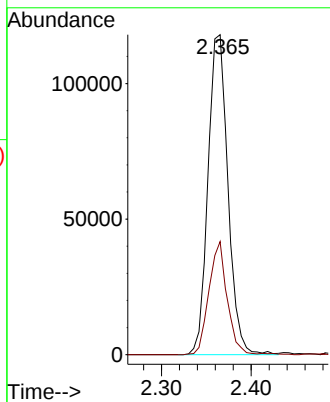
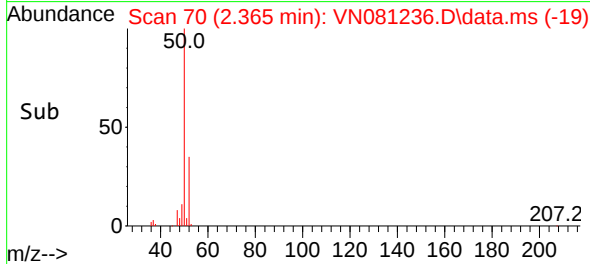
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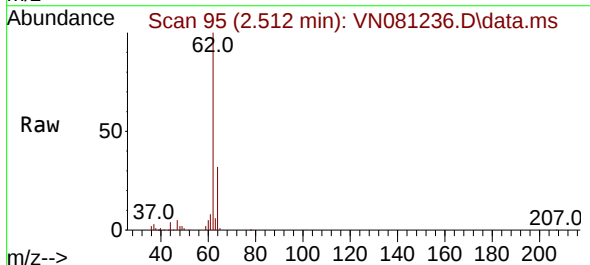
Tgt Ion: 50 Resp: 182310
Ion Ratio Lower Upper
50 100
52 35.3 25.0 37.4

Manual Integrations
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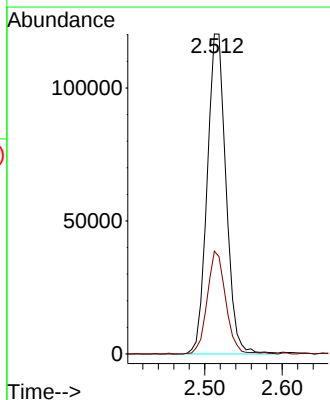
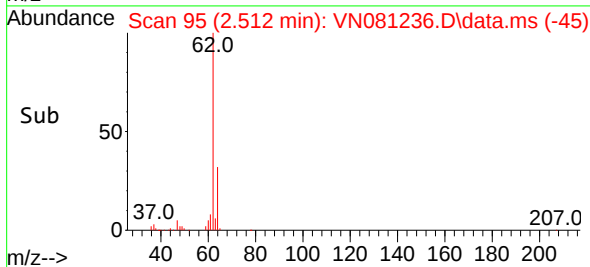
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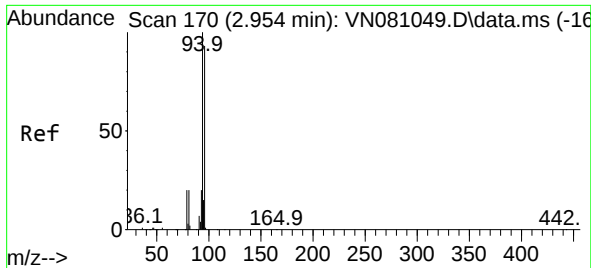


#4
Vinyl Chloride
Concen: 50.963 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion: 62 Resp: 203486
Ion Ratio Lower Upper
62 100
64 32.1 22.7 34.1





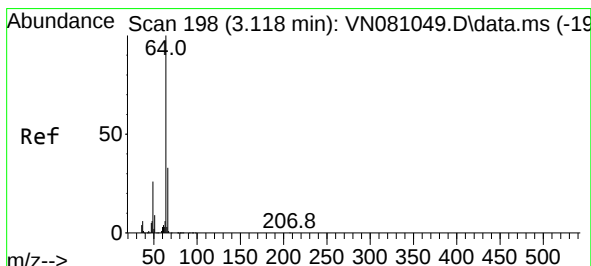
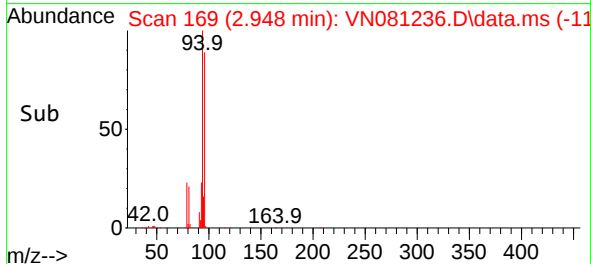
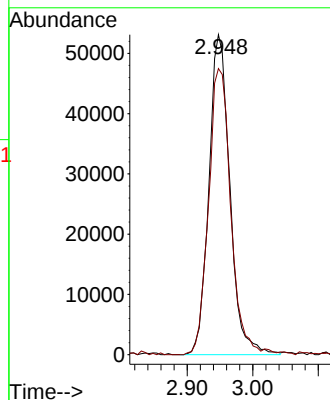
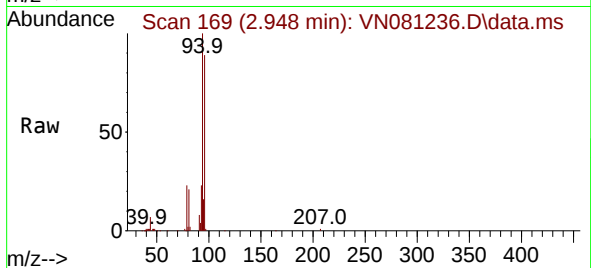
#5
Bromomethane
Concen: 41.600 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
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Tgt Ion: 94 Resp: 11797
Ion Ratio Lower Upper
94 100
96 89.4 69.2 103.8

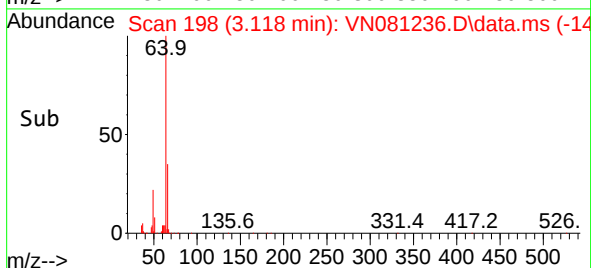
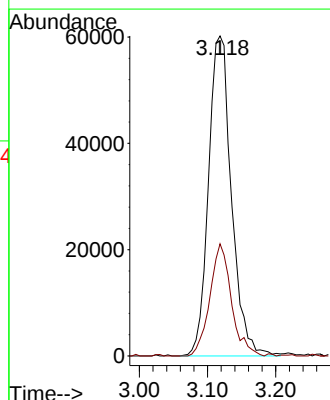
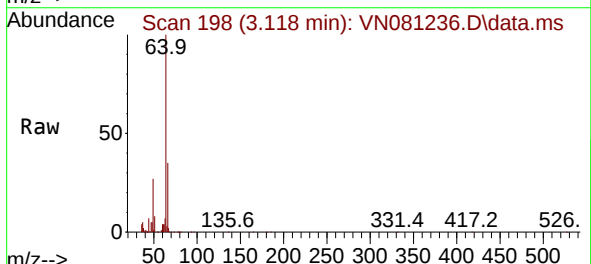
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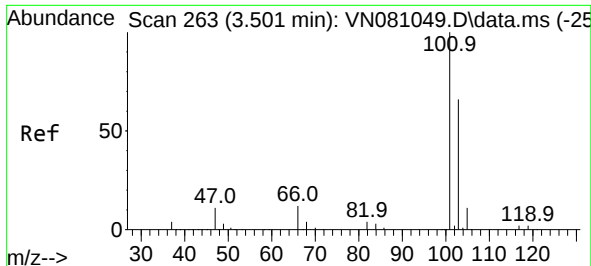
Reviewed By :John Carlone 02/29/2024
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#6
Chloroethane
Concen: 54.759 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081236.D
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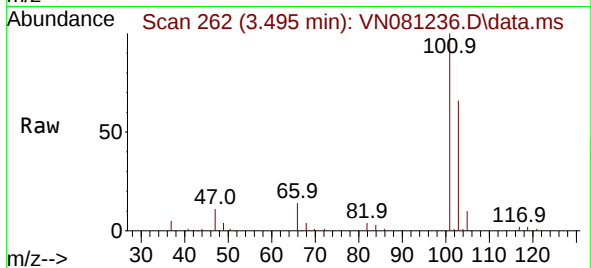
Tgt Ion: 64 Resp: 141150
Ion Ratio Lower Upper
64 100
66 35.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 52.345 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081236.D
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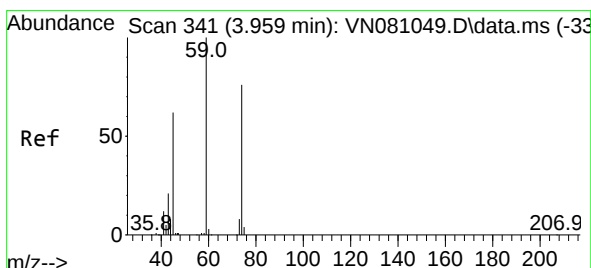
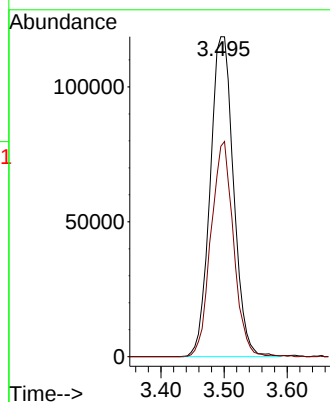
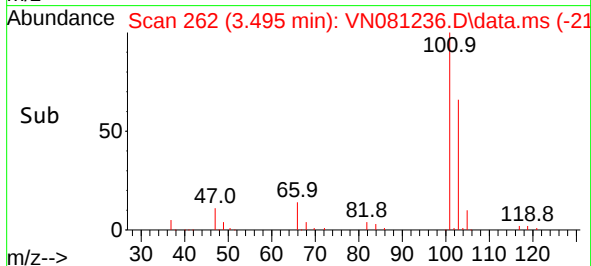
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 305339
Ion Ratio Lower Upper
101 100
103 65.8 54.4 81.6

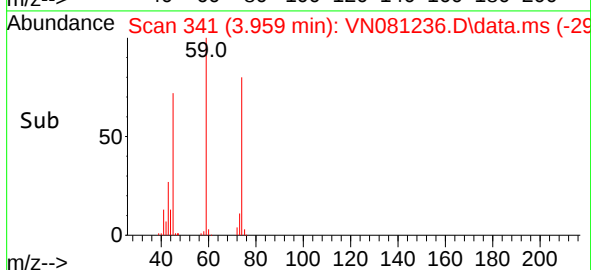
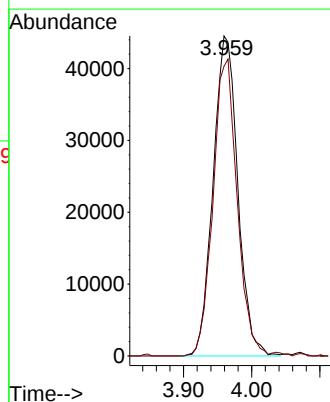
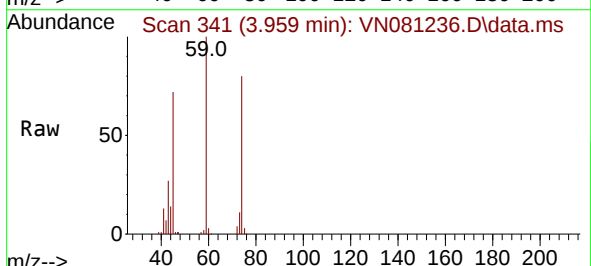
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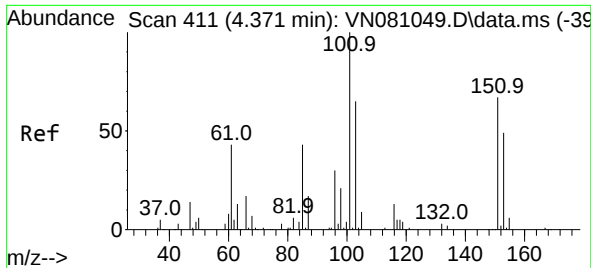
Reviewed By :John Carlone 02/29/2024
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#8
Diethyl Ether
Concen: 52.707 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 112405
Ion Ratio Lower Upper
74 100
45 90.6 53.3 159.9





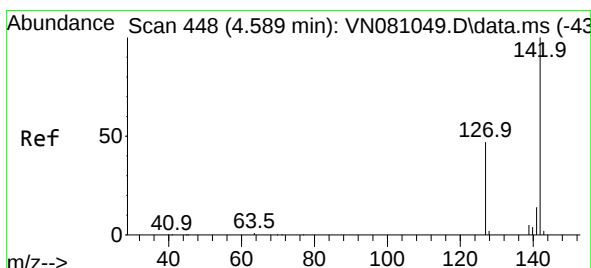
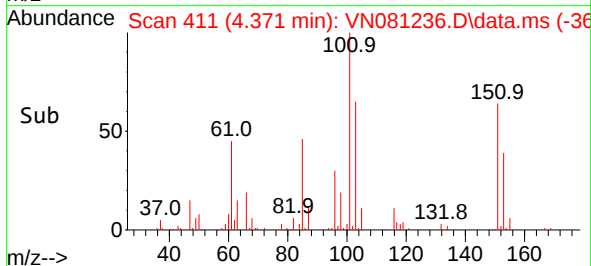
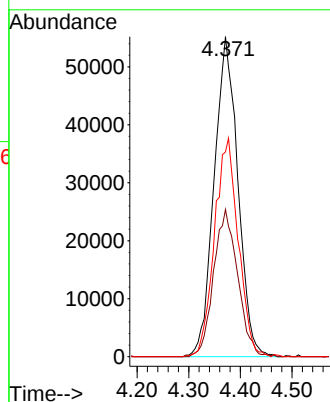
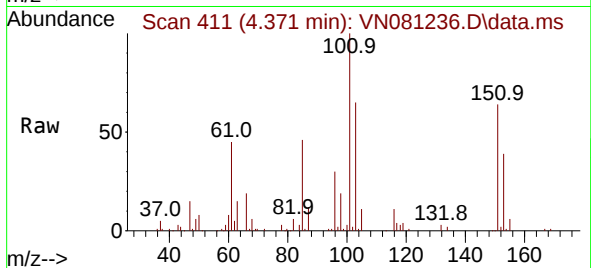
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.131 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17602
Ion Ratio Lower Upper
101 100
85 46.6 38.1 57.1
151 68.2 49.1 73.7

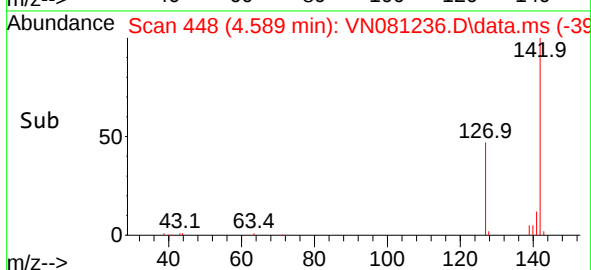
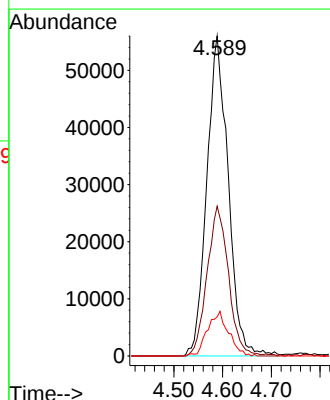
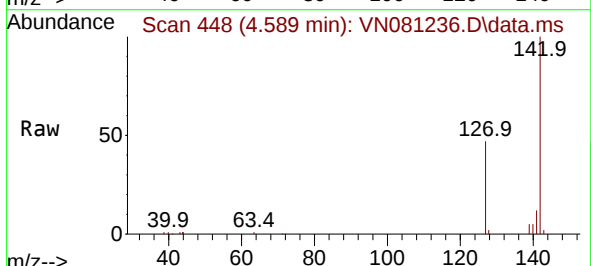
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 47.032 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

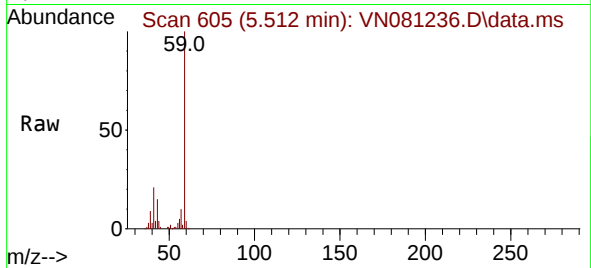
Tgt Ion:142 Resp: 170712
Ion Ratio Lower Upper
142 100
127 46.8 37.0 55.4
141 12.2 12.5 18.7#





#11
Tert butyl alcohol
Concen: 259.559 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

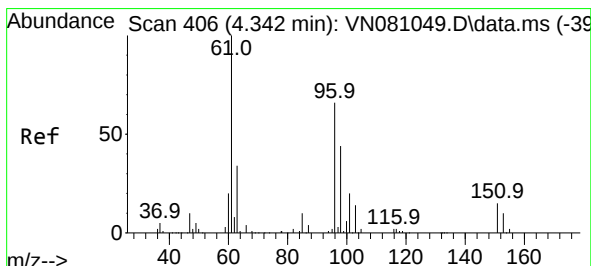
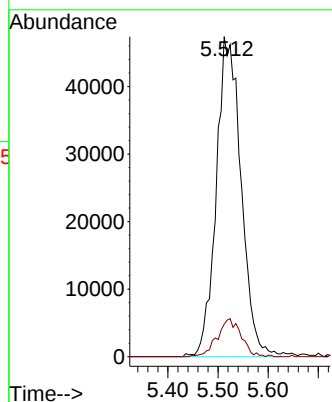
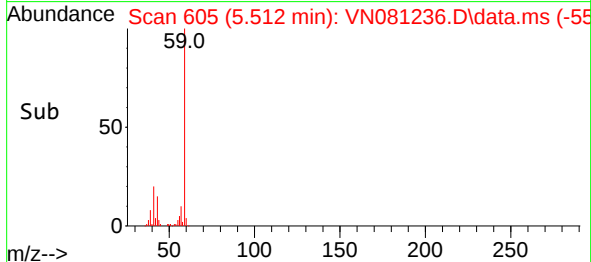
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



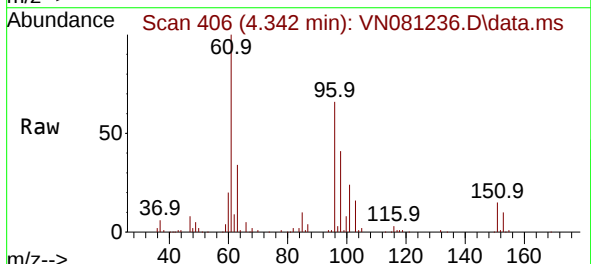
Tgt Ion: 59 Resp: 162629
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

Manual Integrations
APPROVED

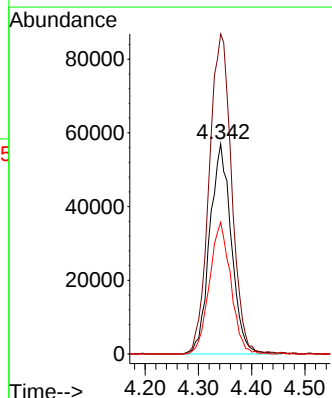
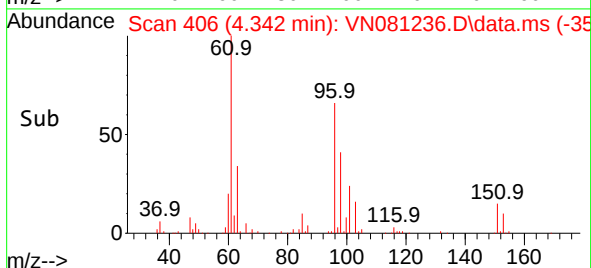
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

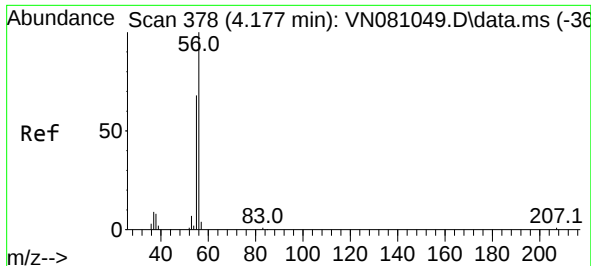


#12
1,1-Dichloroethene
Concen: 50.977 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



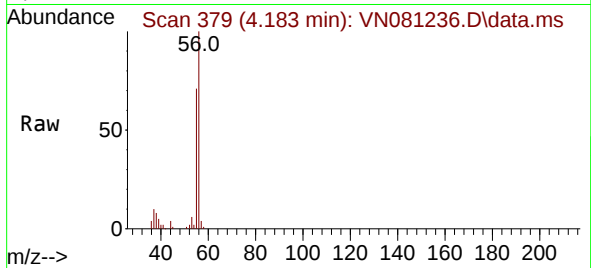
Tgt Ion: 96 Resp: 160238
Ion Ratio Lower Upper
96 100
61 152.3 138.2 207.4
98 62.6 49.2 73.8





#13
Acrolein
Concen: 312.192 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

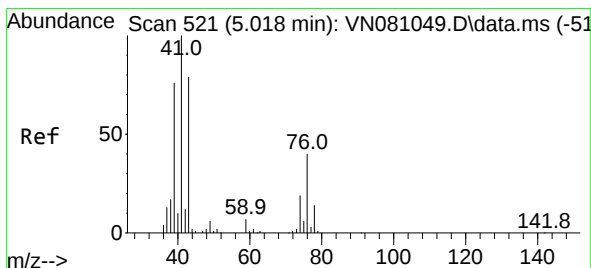
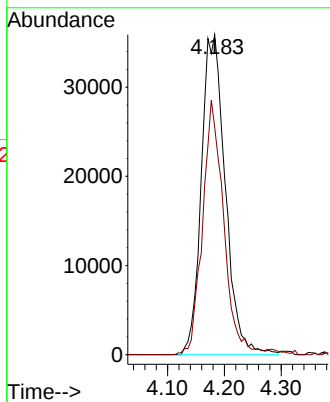
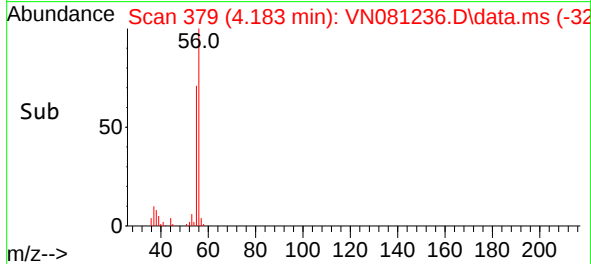
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10484
Ion Ratio Lower Upper
56 100
55 70.0 55.3 82.9

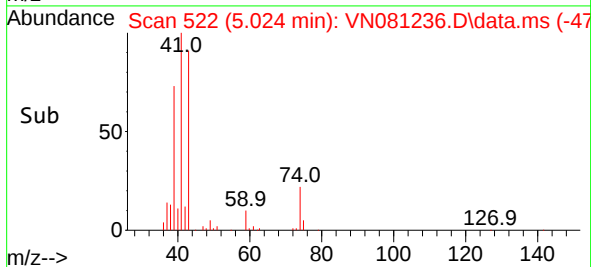
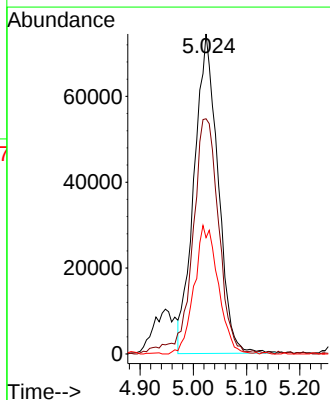
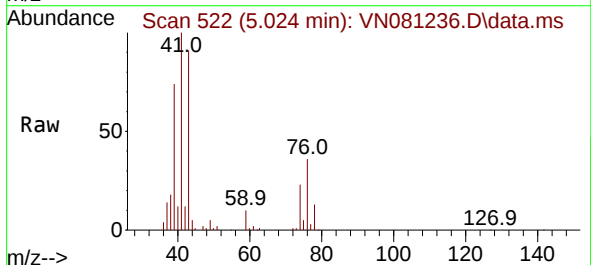
Manual Integrations
APPROVED

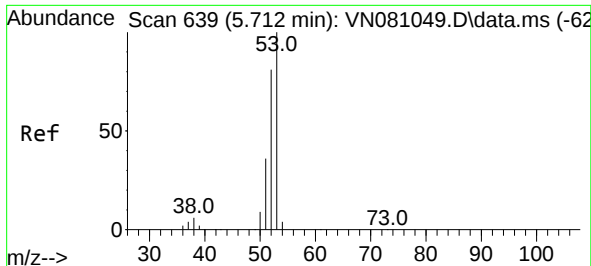
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#14
Allyl chloride
Concen: 49.666 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

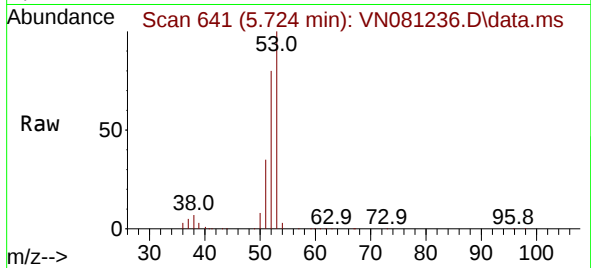
Tgt Ion: 41 Resp: 231640
Ion Ratio Lower Upper
41 100
39 80.6 57.7 86.5
76 40.5 26.8 40.2#





#15
Acrylonitrile
Concen: 294.445 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

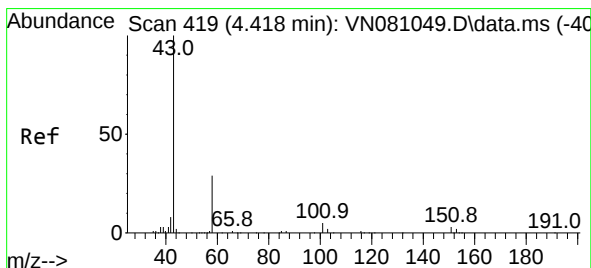
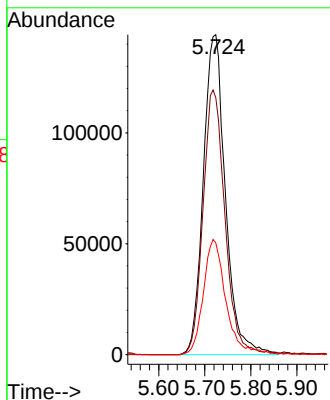
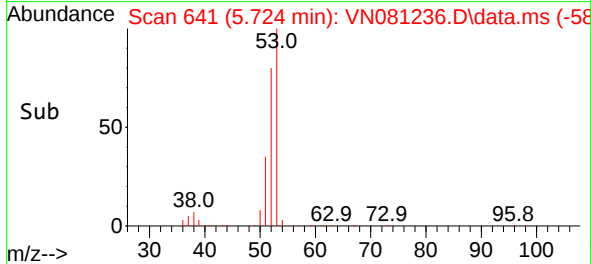
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 481820
Ion Ratio Lower Upper
53 100
52 81.8 64.8 97.2
51 36.7 26.9 40.3

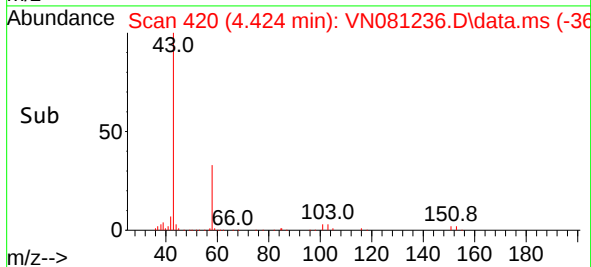
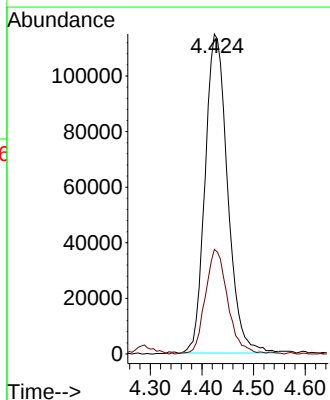
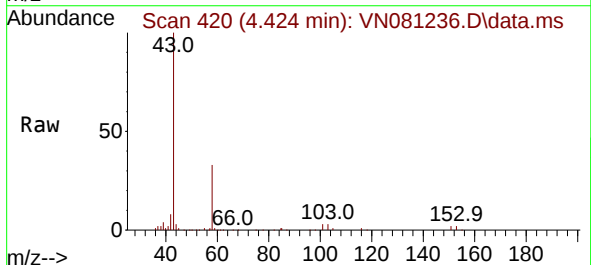
Manual Integrations
APPROVED

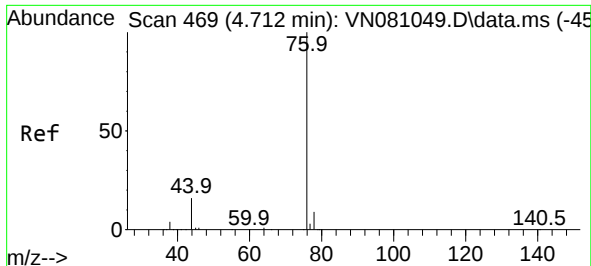
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#16
Acetone
Concen: 259.211 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

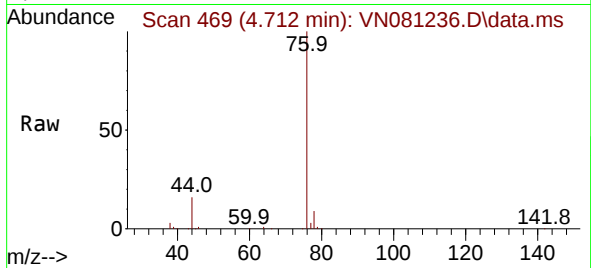
Tgt Ion: 43 Resp: 347491
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2





#17
Carbon Disulfide
Concen: 43.436 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

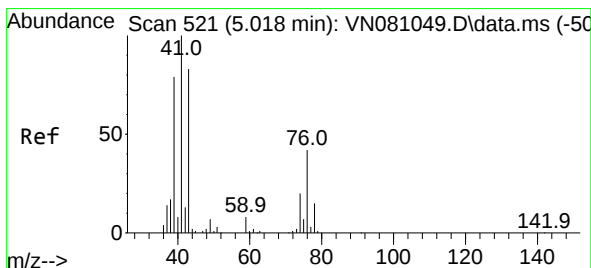
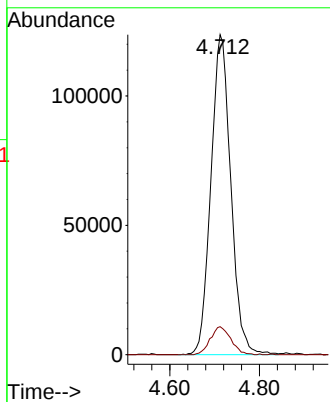
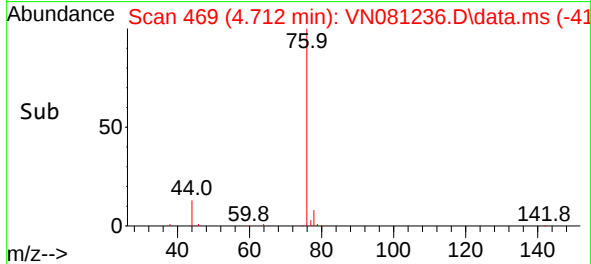
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 380820
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

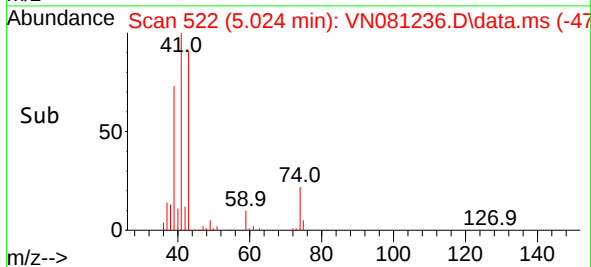
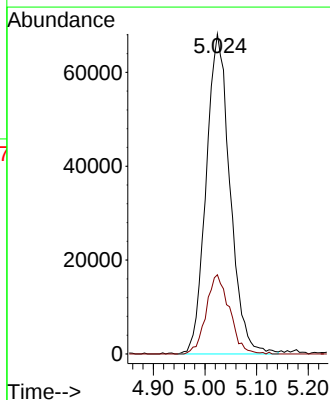
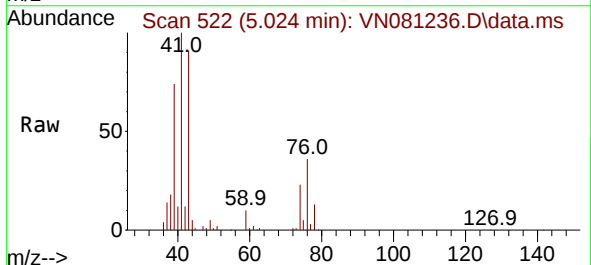
Manual Integrations
APPROVED

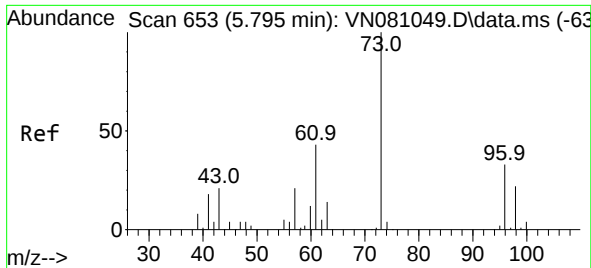
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#18
Methyl Acetate
Concen: 66.957 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion: 43 Resp: 218967
Ion Ratio Lower Upper
43 100
74 24.2 17.3 25.9





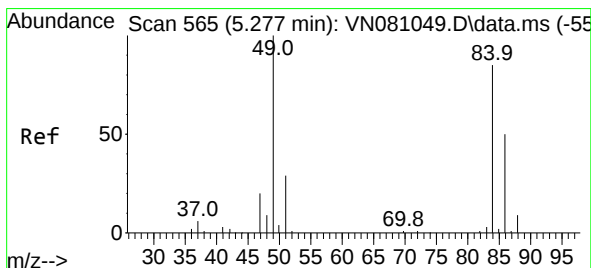
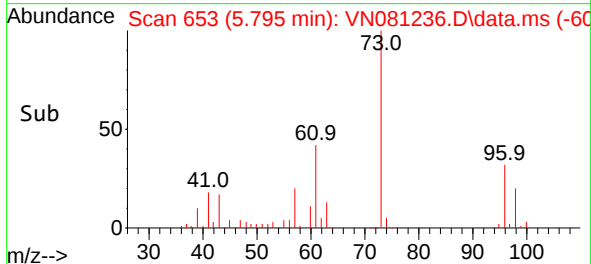
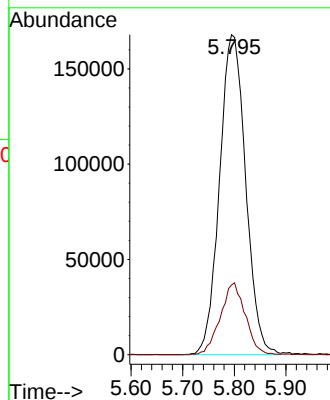
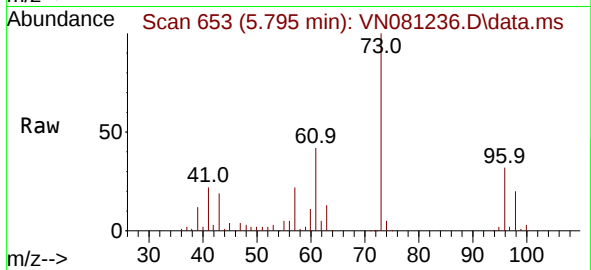
#19
Methyl tert-butyl Ether
Concen: 54.743 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 589360
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4

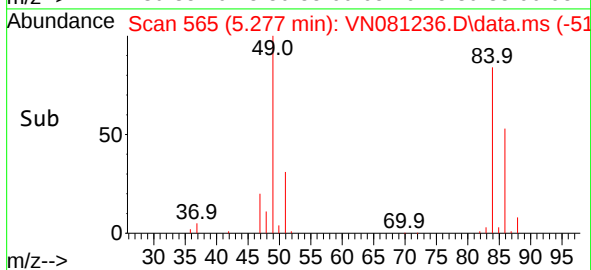
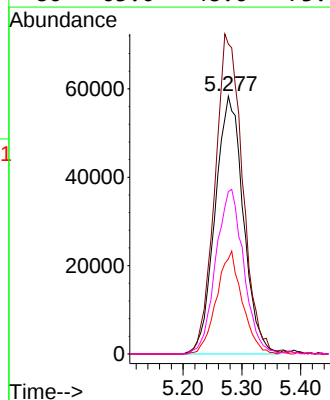
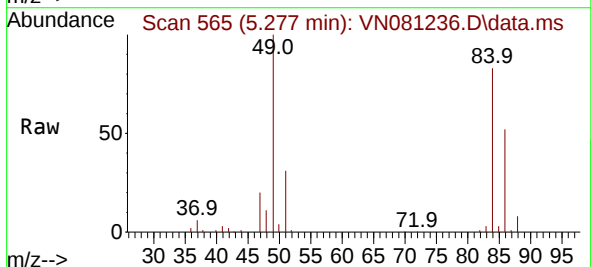
Manual Integrations
APPROVED

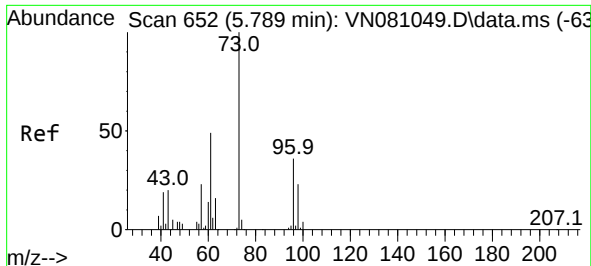
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 56.282 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

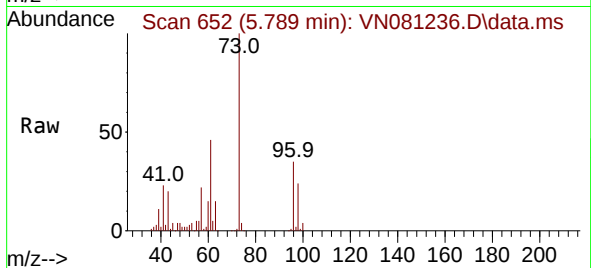
Tgt Ion: 84 Resp: 194783
Ion Ratio Lower Upper
84 100
49 120.2 108.1 162.1
51 36.9 32.9 49.3
86 63.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 50.498 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

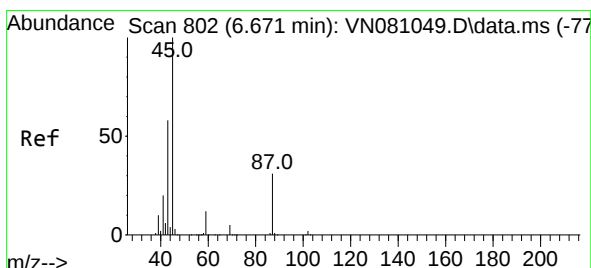
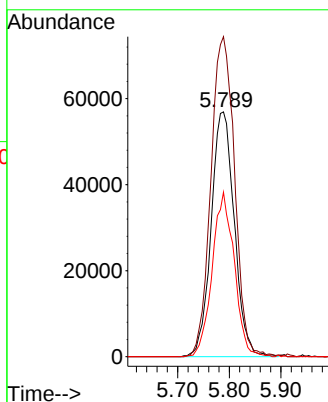
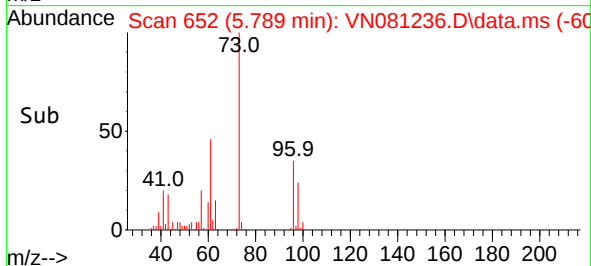
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 177098
Ion Ratio Lower Upper
96 100
61 130.7 112.8 169.2
98 67.2 51.0 76.4

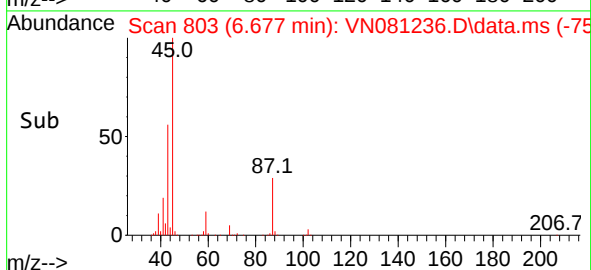
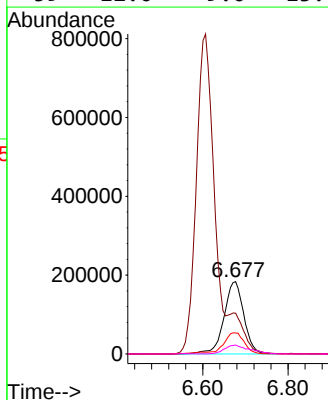
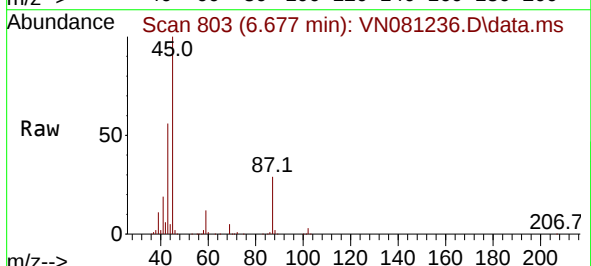
Manual Integrations
APPROVED

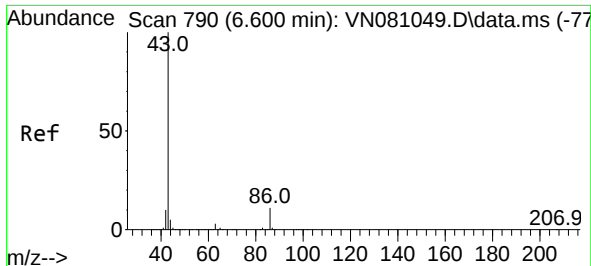
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#22
Diisopropyl ether
Concen: 56.021 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

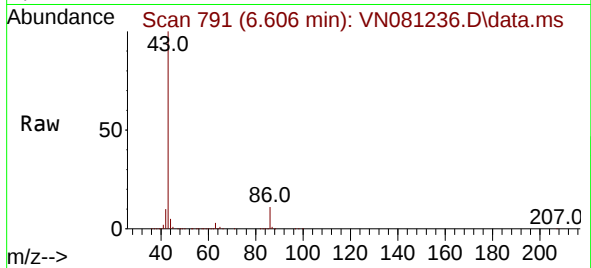
Tgt Ion: 45 Resp: 592699
Ion Ratio Lower Upper
45 100
43 55.7 41.8 62.8
87 29.1 18.1 27.1#
59 12.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 273.205 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

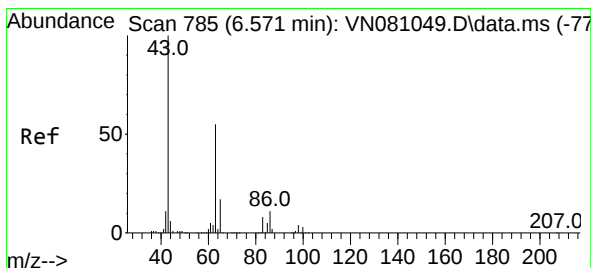
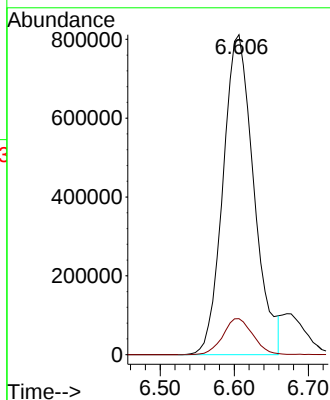
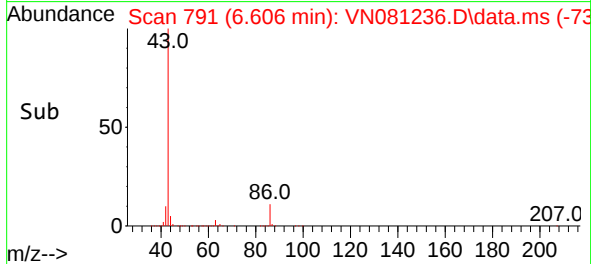
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 234516
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

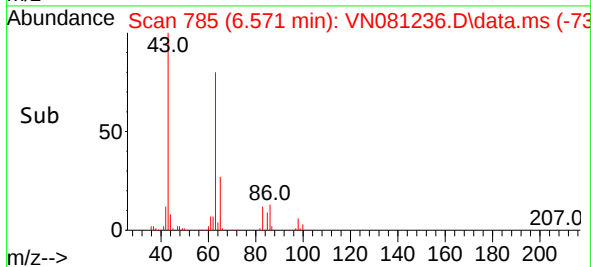
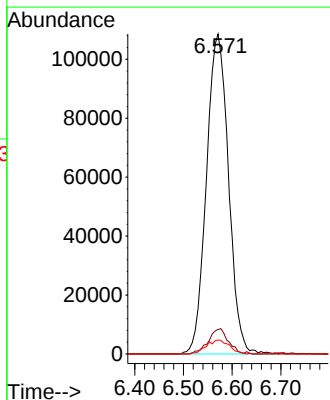
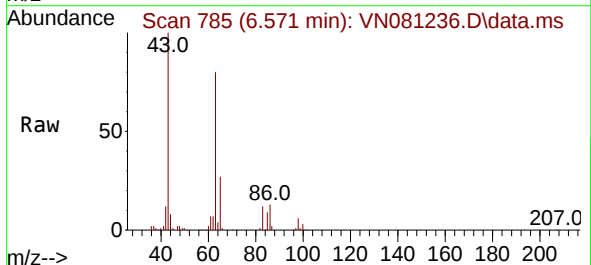
Manual Integrations
 APPROVED

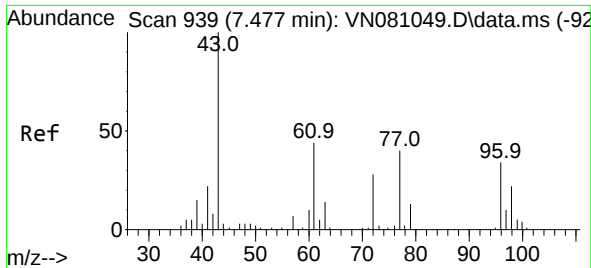
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#24
 1,1-Dichloroethane
 Concen: 55.873 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

Tgt Ion: 63 Resp: 341801
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 4.3 1.9 5.7





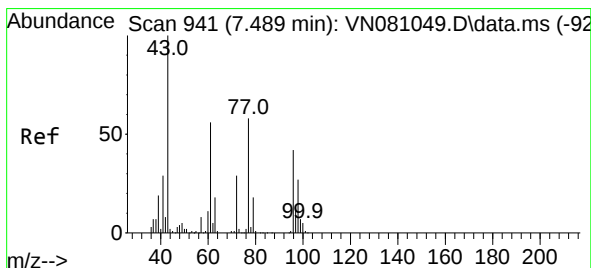
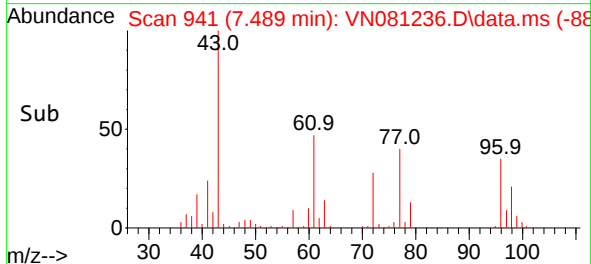
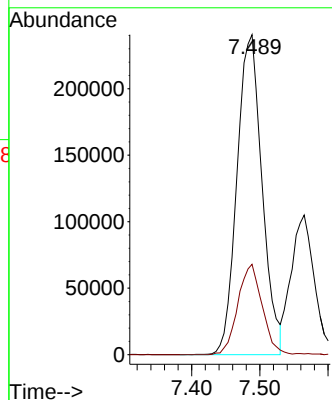
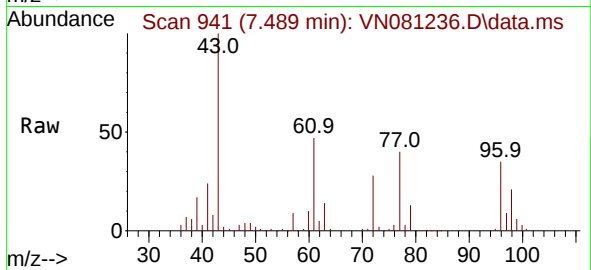
#25
2-Butanone
Concen: 284.768 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 61673
Ion Ratio Lower Upper
43 100
72 28.3 19.5 29.3

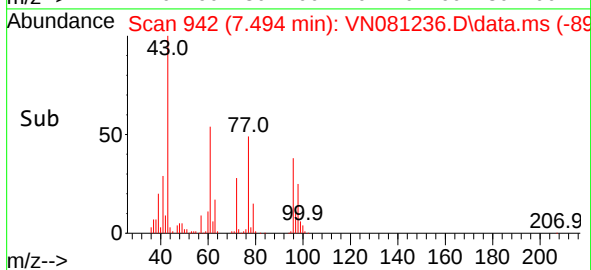
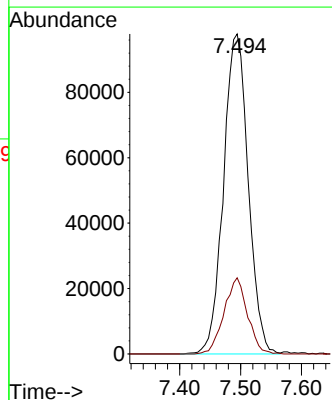
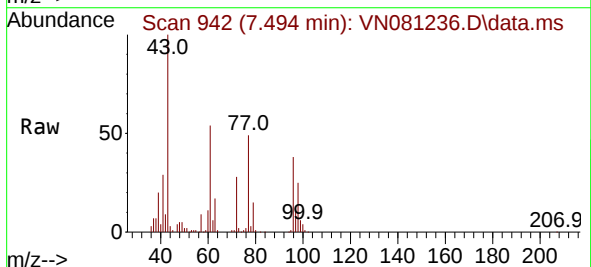
Manual Integrations
APPROVED

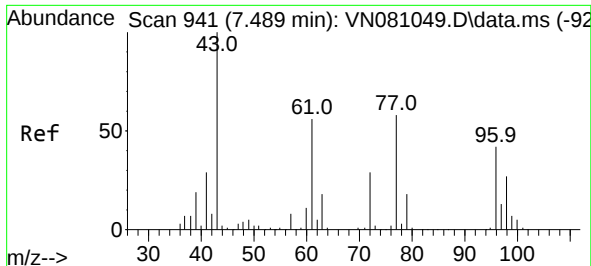
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 48.184 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

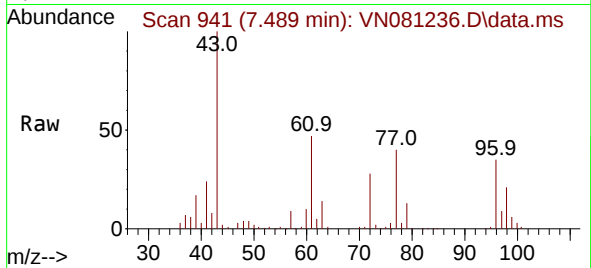
Tgt Ion: 77 Resp: 276189
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 53.310 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

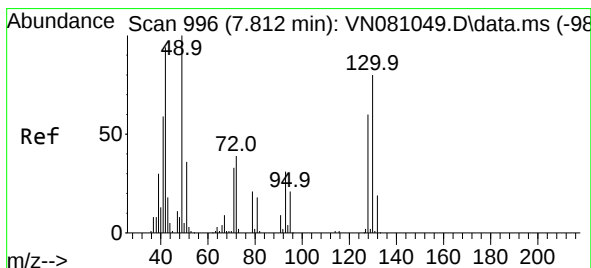
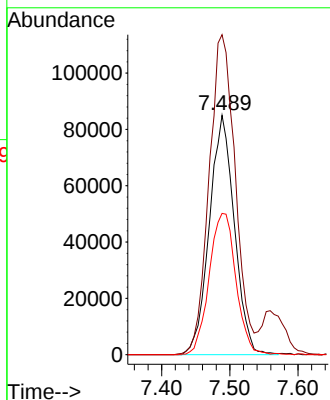
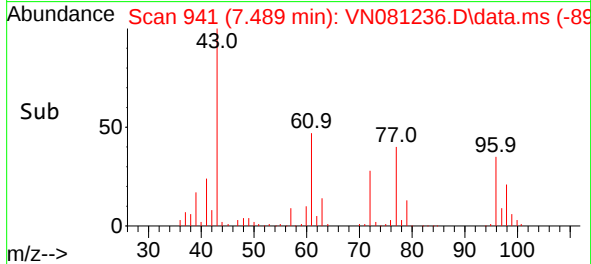
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 21721
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 325.4
 98 63.2 0.0 130.4

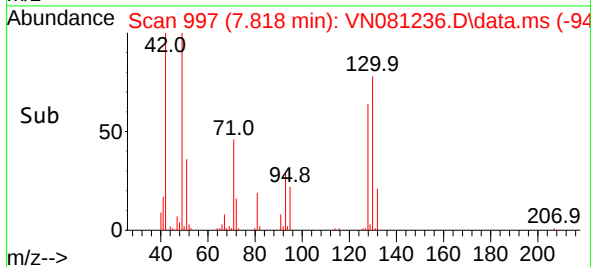
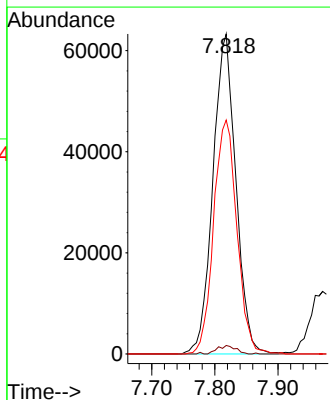
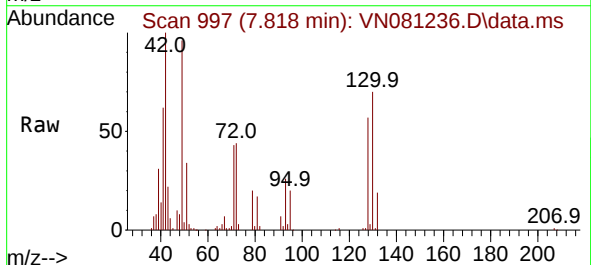
Manual Integrations
 APPROVED

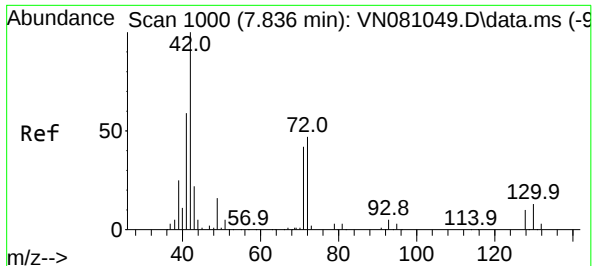
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#28
 Bromochloromethane
 Concen: 62.993 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

Tgt Ion: 49 Resp: 159758
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 74.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 287.324 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 41539

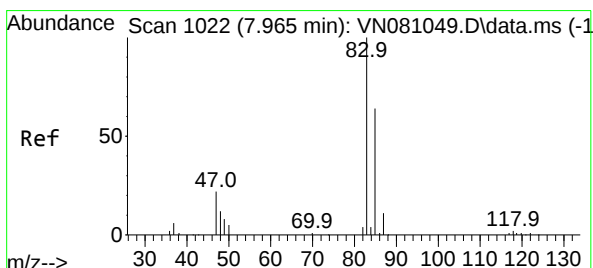
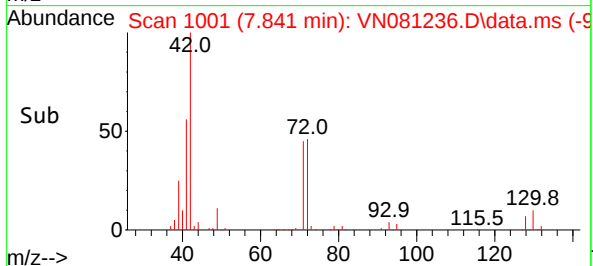
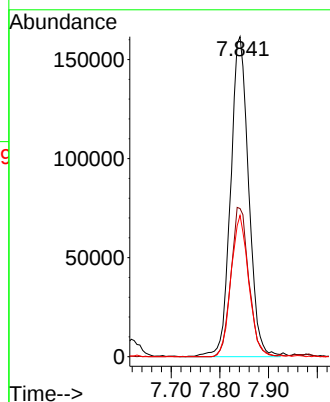
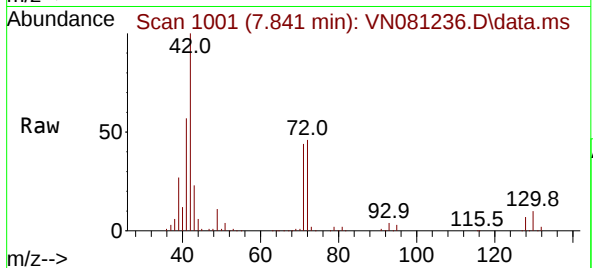
Ion	Ratio	Lower	Upper
42	100		
72	46.1	31.1	46.7
71	43.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 57.675 ug/l

RT: 7.971 min Scan# 1023

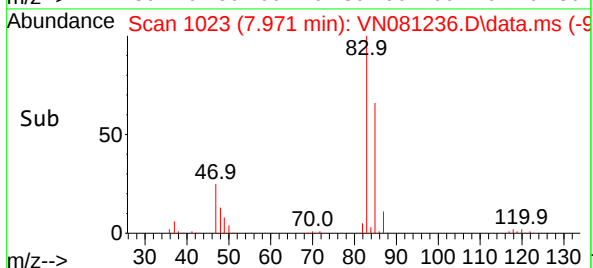
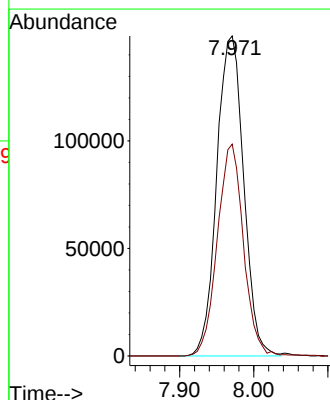
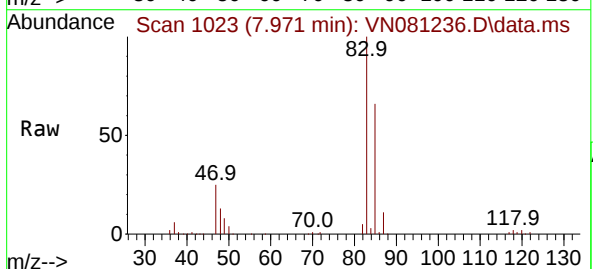
Delta R.T. 0.006 min

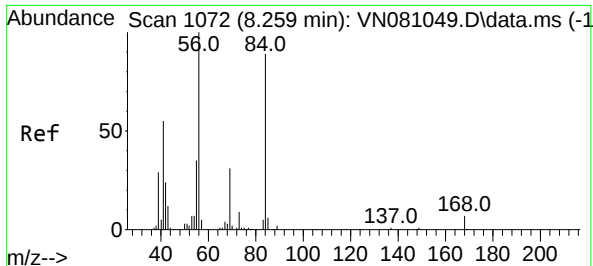
Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Tgt Ion: 83 Resp: 375079

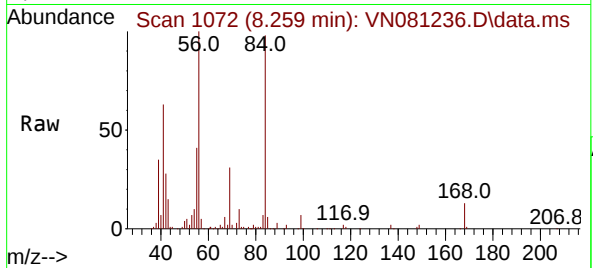
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.0	76.6





#31
Cyclohexane
Concen: 46.912 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

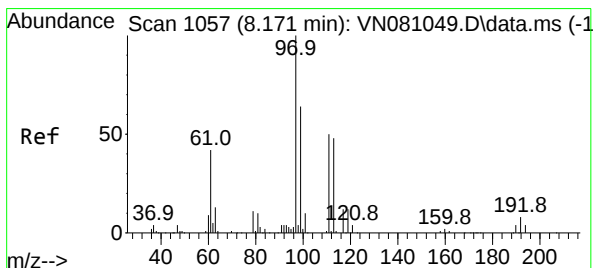
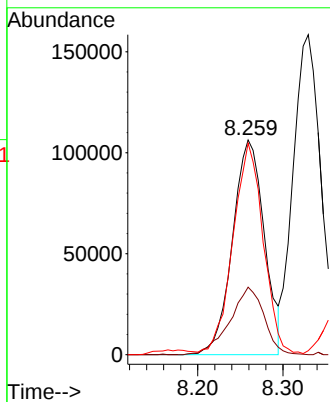
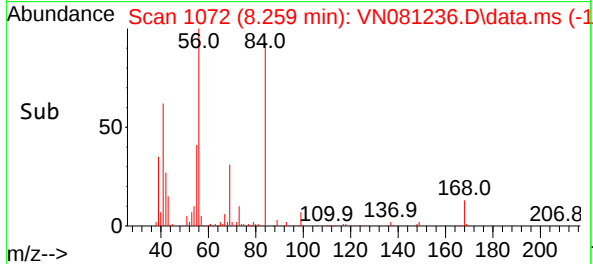
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 275970
Ion Ratio Lower Upper
56 100
69 31.4 20.1 30.1
84 96.3 56.9 85.3

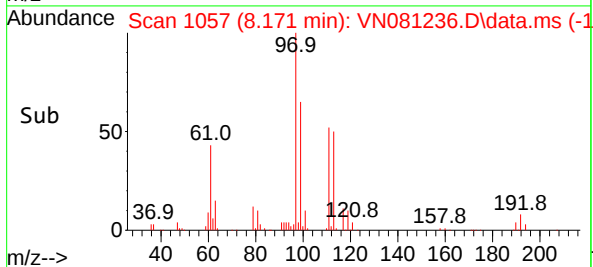
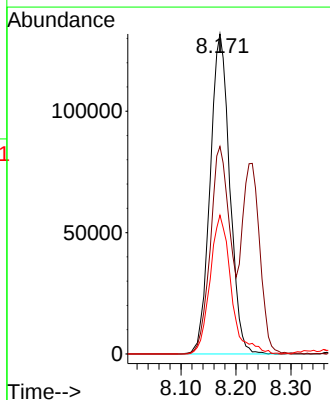
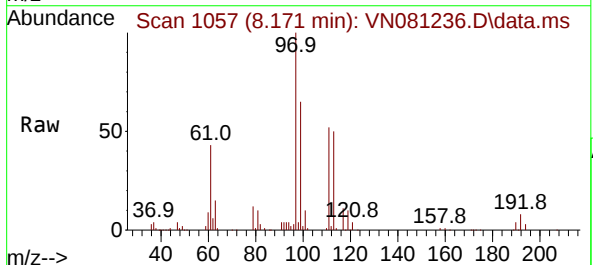
Manual Integrations
APPROVED

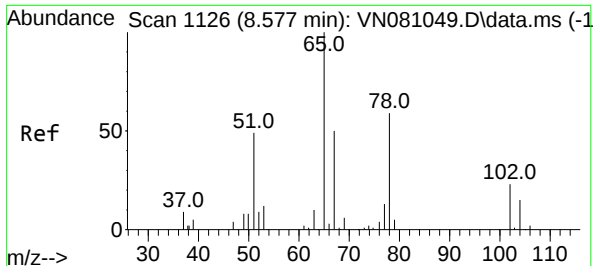
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#32
1,1,1-Trichloroethane
Concen: 55.126 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion: 97 Resp: 326500
Ion Ratio Lower Upper
97 100
99 65.3 53.4 80.0
61 46.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.701 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18295

Ion Ratio Lower Upper

65 100

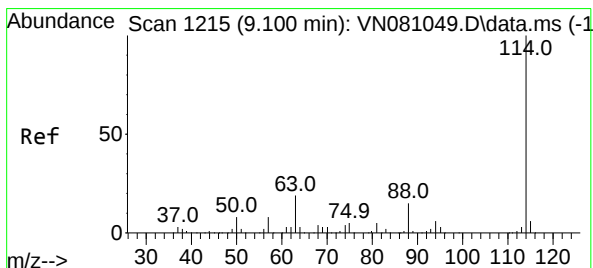
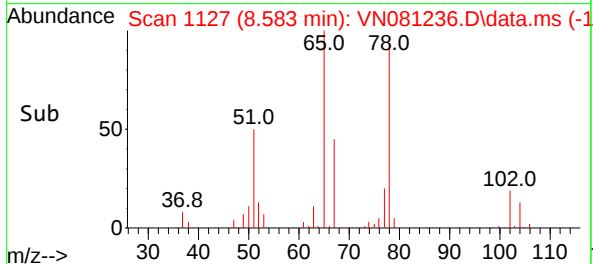
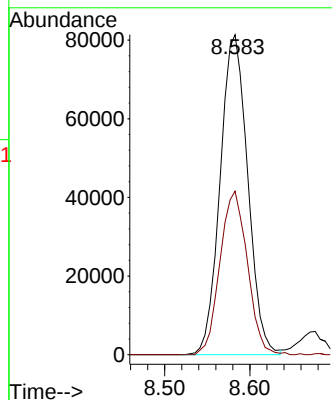
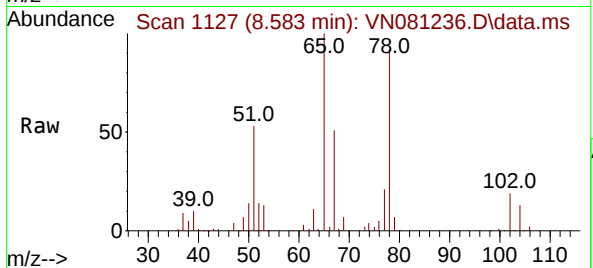
67 50.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

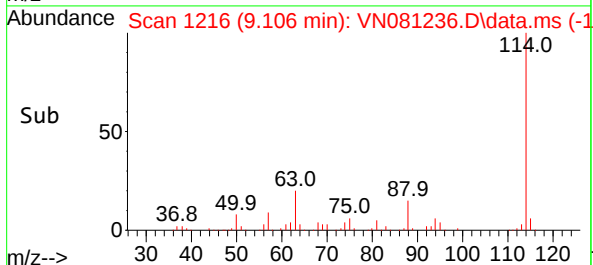
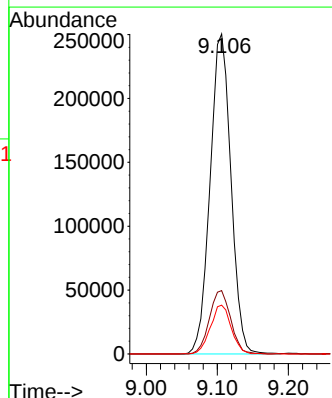
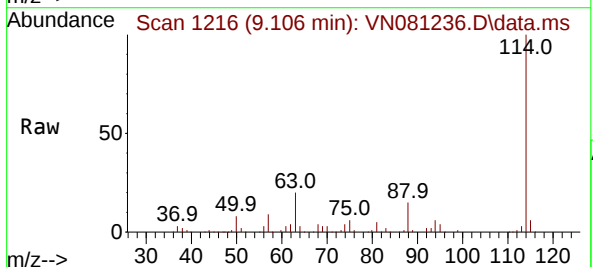
Tgt Ion:114 Resp: 510280

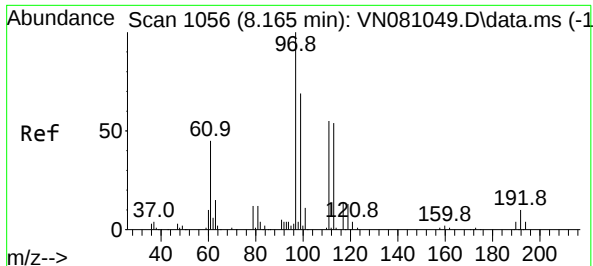
Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.472 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 15429

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

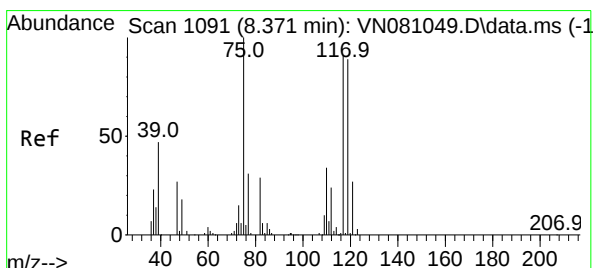
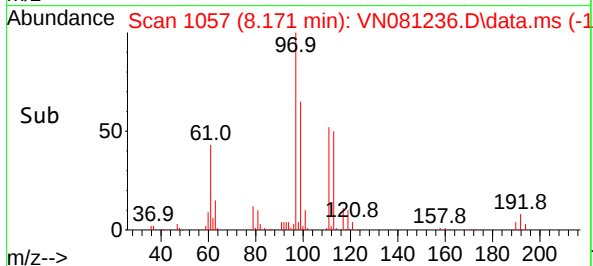
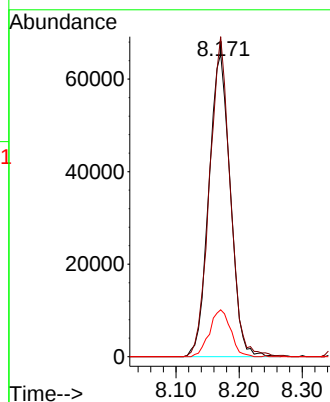
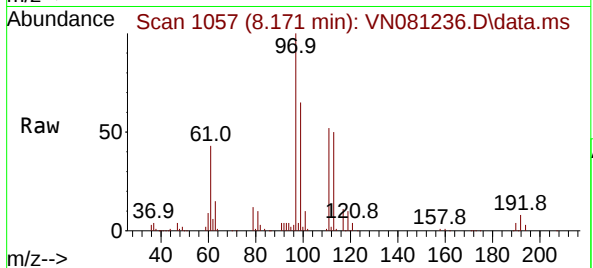
192 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#36

1,1-Dichloropropene

Concen: 52.770 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

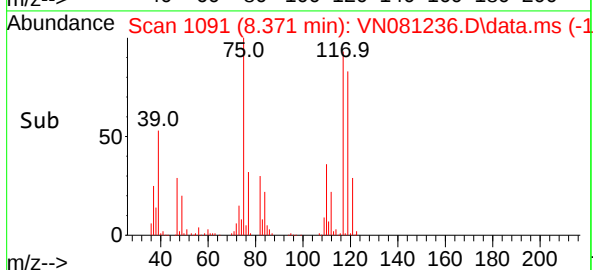
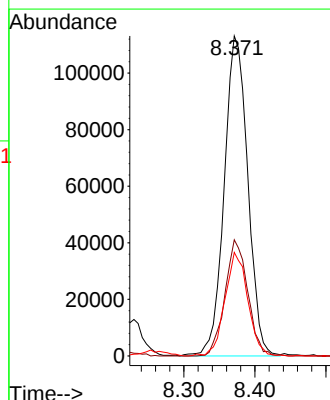
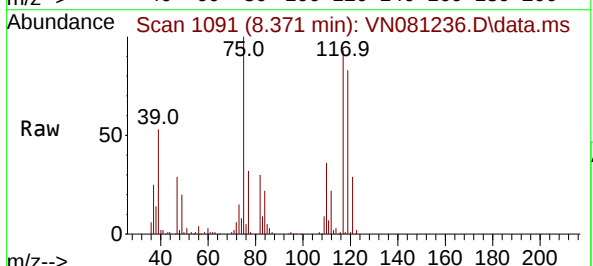
Tgt Ion: 75 Resp: 260867

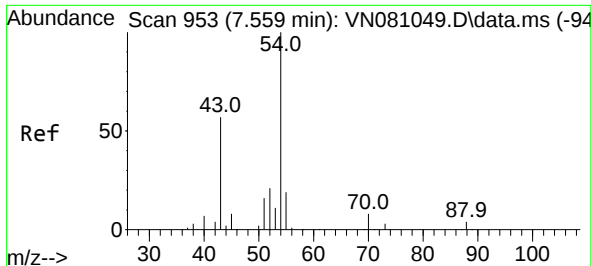
Ion Ratio Lower Upper

75 100

110 35.0 16.0 48.0

77 31.4 25.8 38.6





#37

Ethyl Acetate

Concen: 56.860 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25368

Ion Ratio Lower Upper

43 100

61 15.0 10.6 15.8

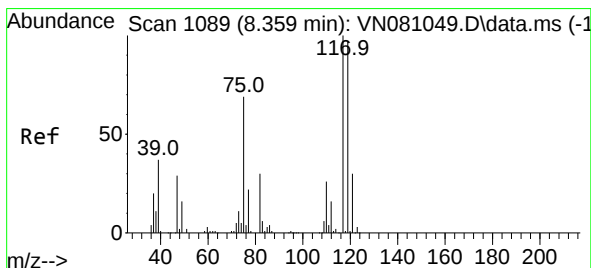
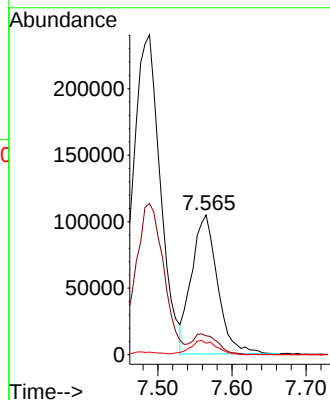
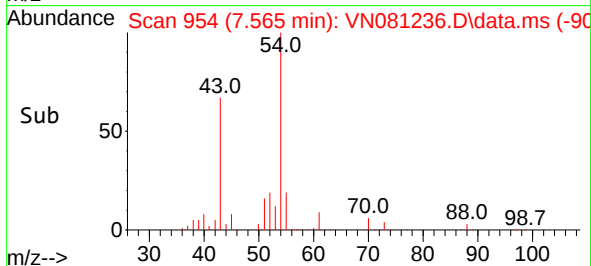
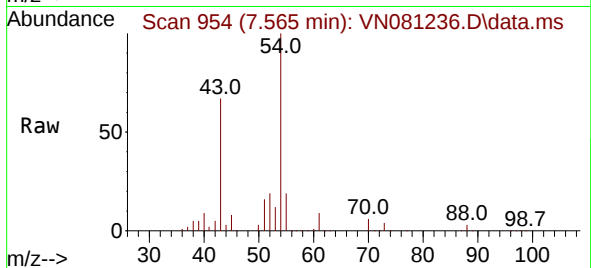
70 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#38

Carbon Tetrachloride

Concen: 54.631 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

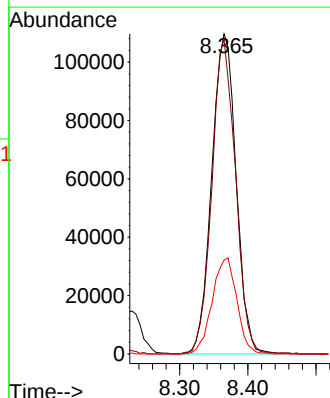
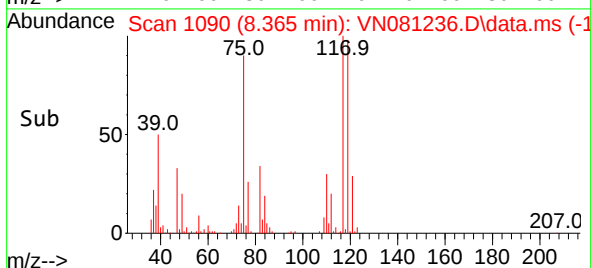
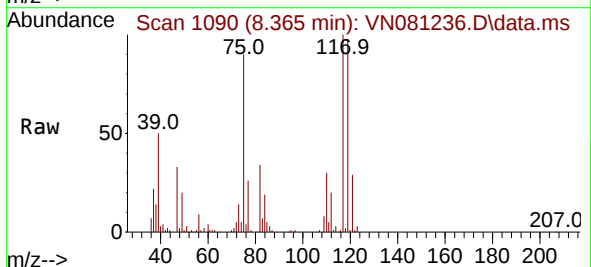
Tgt Ion:117 Resp: 273232

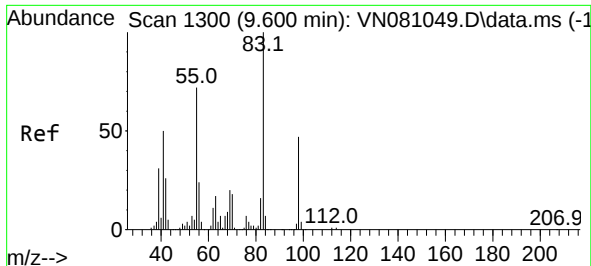
Ion Ratio Lower Upper

117 100

119 98.4 73.4 110.2

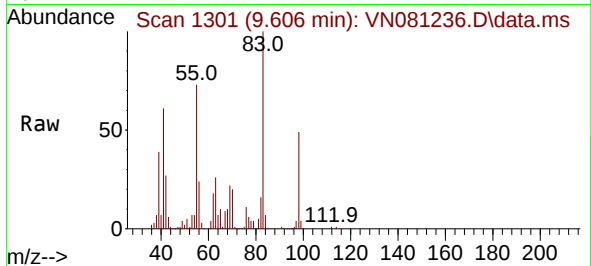
121 29.3 24.4 36.6





#39
Methylcyclohexane
Concen: 51.038 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

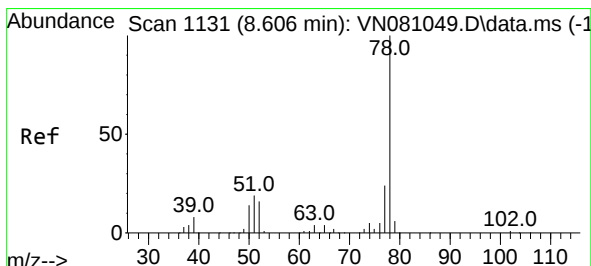
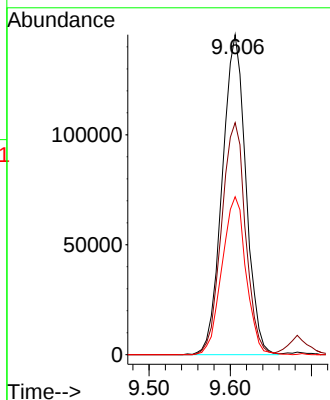
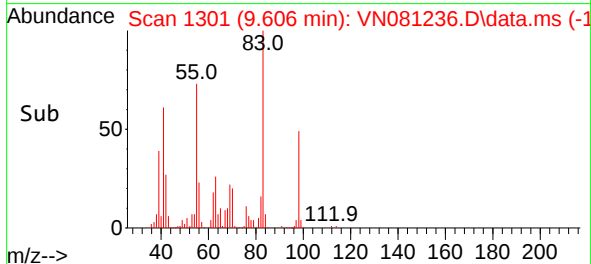
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 29411
Ion Ratio Lower Upper
83 100
55 72.5 65.7 98.5
98 49.4 33.8 50.6

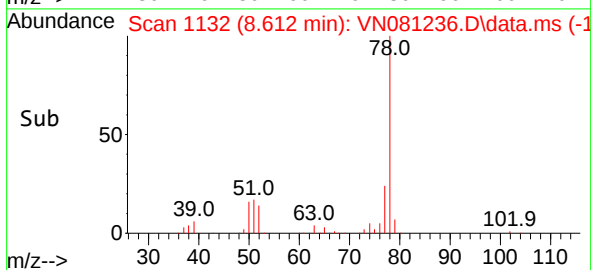
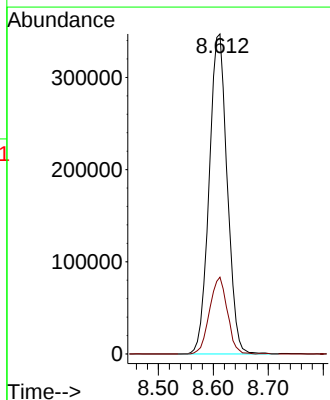
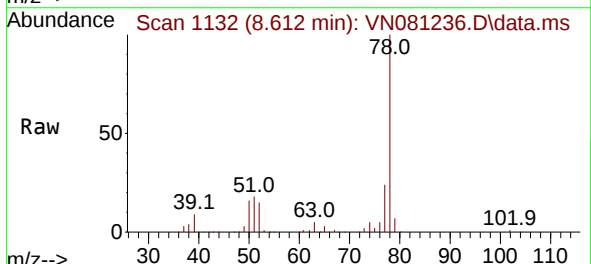
Manual Integrations
APPROVED

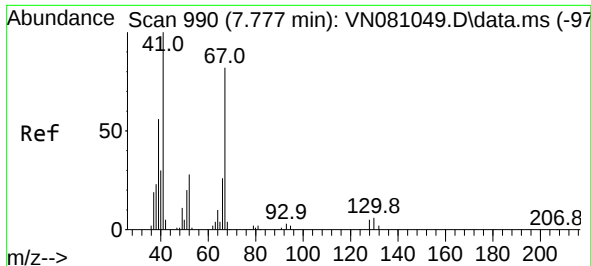
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#40
Benzene
Concen: 55.260 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

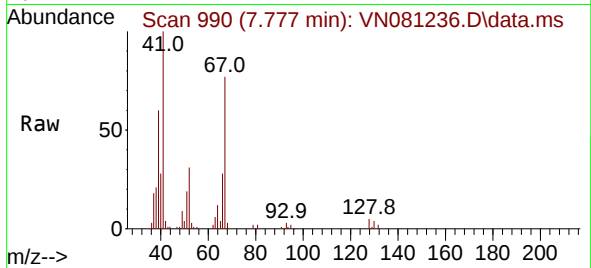
Tgt Ion: 78 Resp: 790703
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6





#41
Methacrylonitrile
Concen: 54.479 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

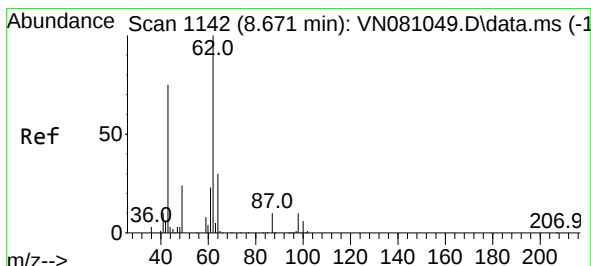
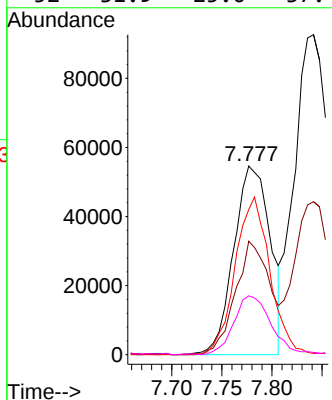
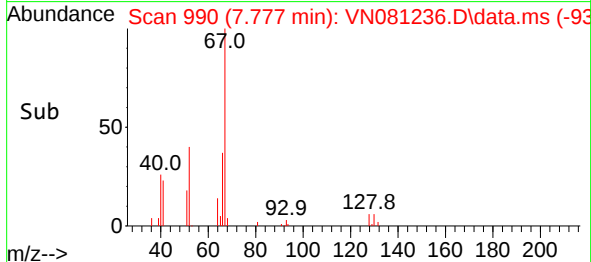
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



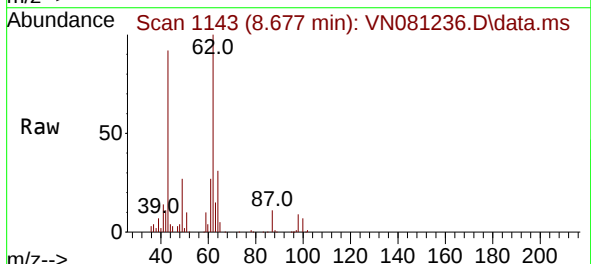
Tgt Ion: 41 Resp: 138330
Ion Ratio Lower Upper
41 100
39 56.6 48.4 72.6
67 79.6 56.8 85.2
52 31.9 25.0 37.4

Manual Integrations
APPROVED

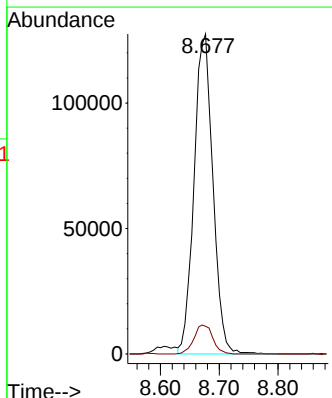
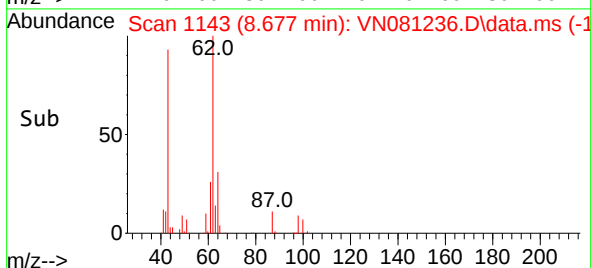
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

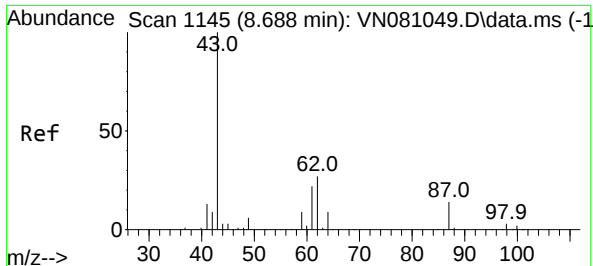


#42
1,2-Dichloroethane
Concen: 56.810 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion: 62 Resp: 283601
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 55.195 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

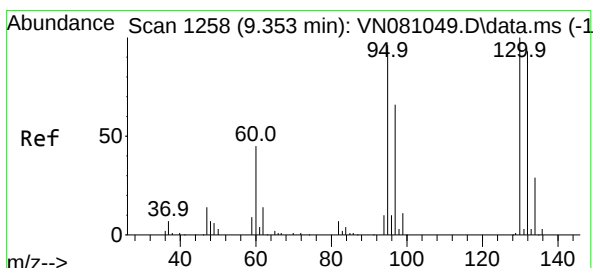
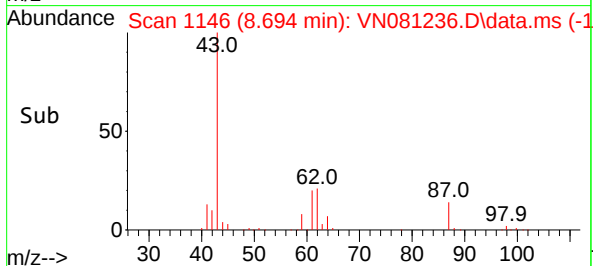
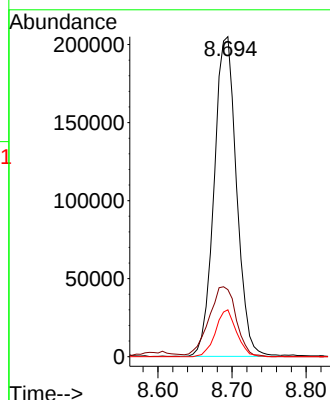
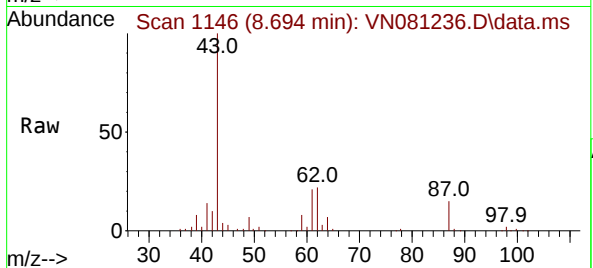
Tgt Ion: 43	Resp: 430670
Ion Ratio	Lower Upper
43 100	
61 26.6	19.9 29.9
87 13.8	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 51.983 ug/l

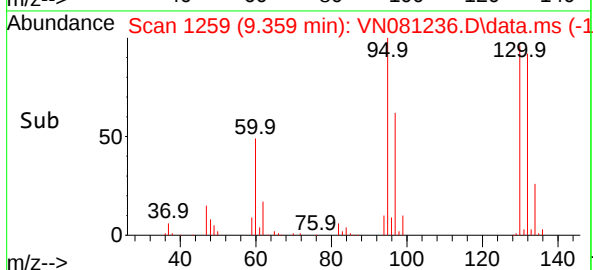
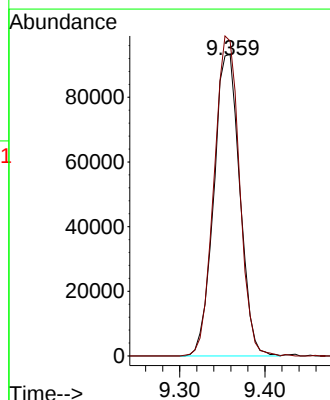
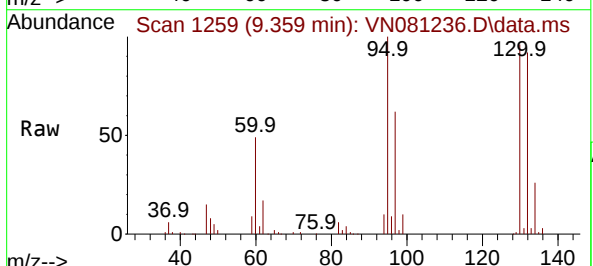
RT: 9.359 min Scan# 1259

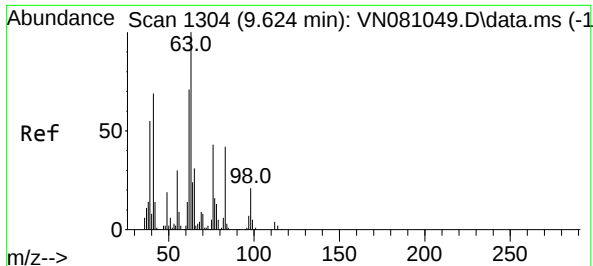
Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Tgt Ion:130	Resp: 198110
Ion Ratio	Lower Upper
130 100	
95 104.3	0.0 210.4





#45

1,2-Dichloropropane

Concen: 56.927 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 203758

Ion Ratio Lower Upper

63 100

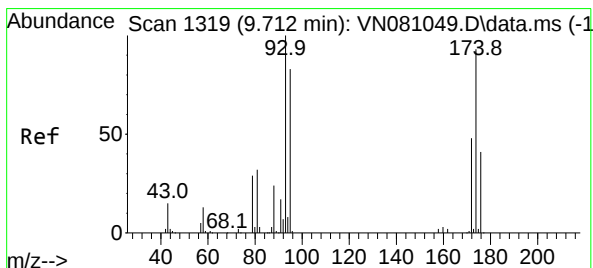
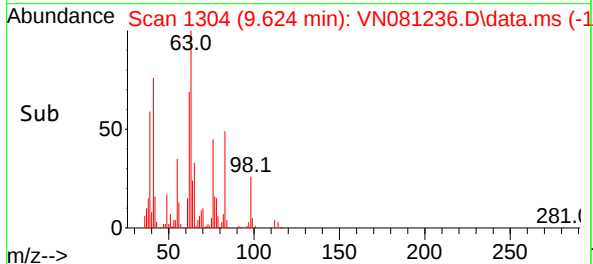
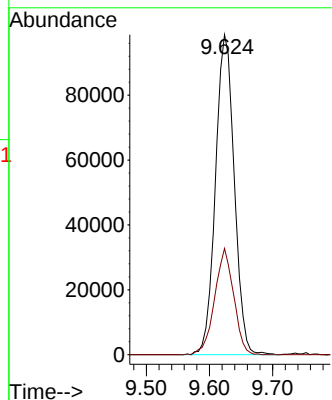
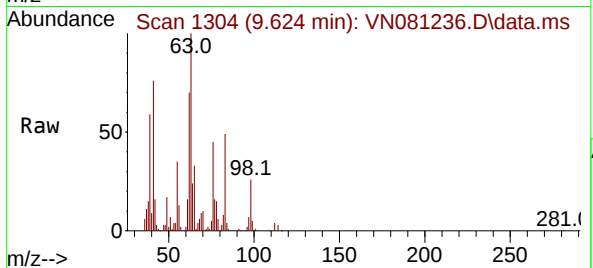
65 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#46

Dibromomethane

Concen: 57.539 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

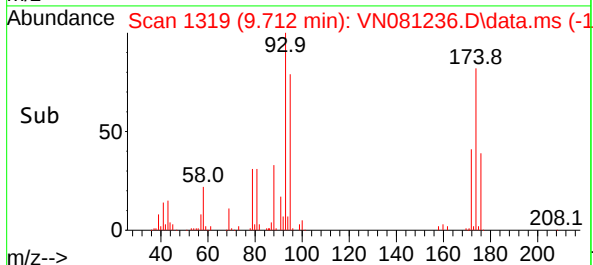
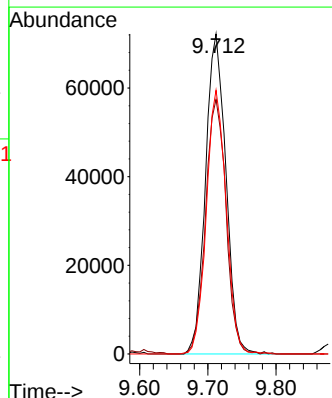
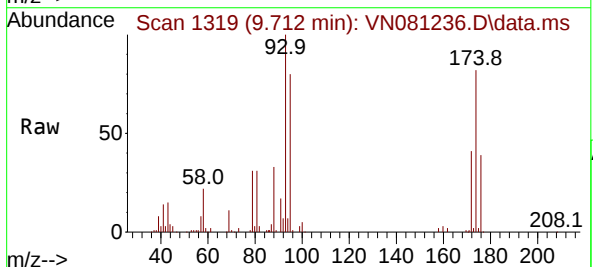
Tgt Ion: 93 Resp: 150056

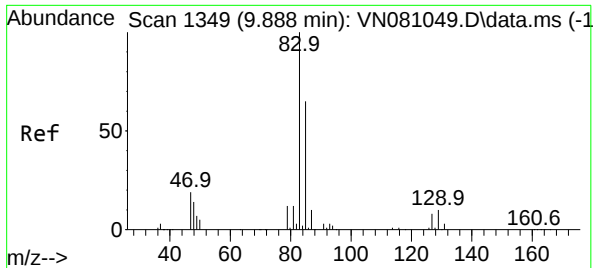
Ion Ratio Lower Upper

93 100

95 79.9 68.1 102.1

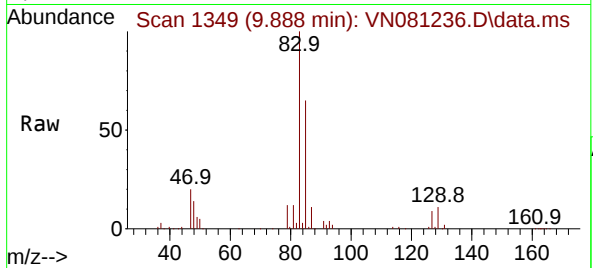
174 80.4 57.2 85.8





#47
Bromodichloromethane
Concen: 59.065 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

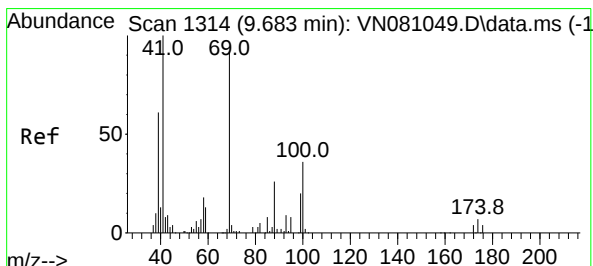
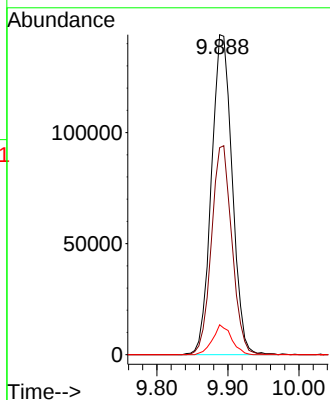
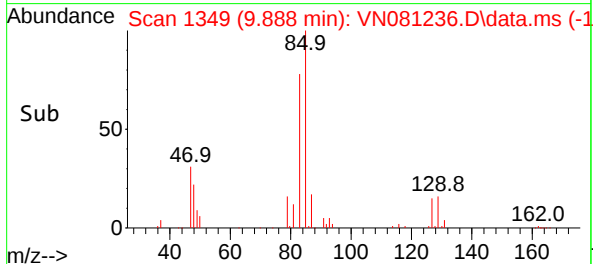
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



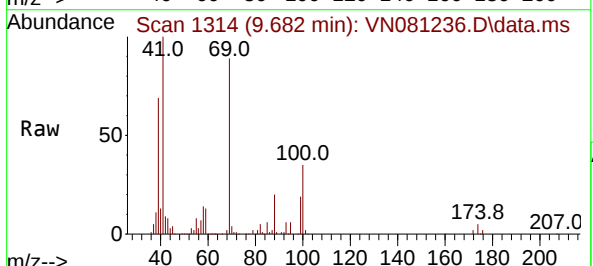
Tgt Ion: 83 Resp: 291733
Ion Ratio Lower Upper
83 100
85 64.7 52.3 78.5
127 9.4 4.6 7.0

Manual Integrations
APPROVED

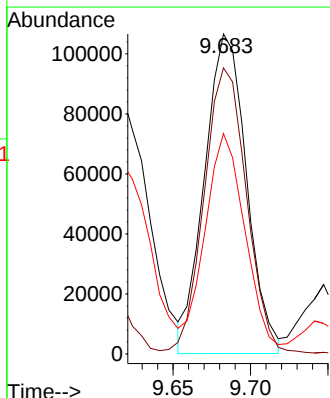
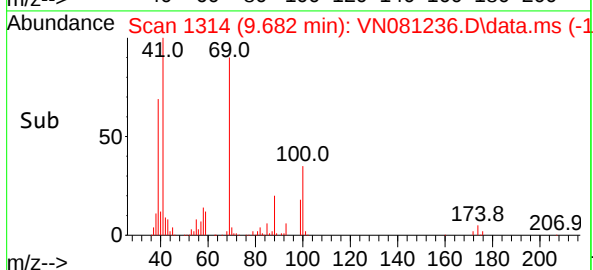
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

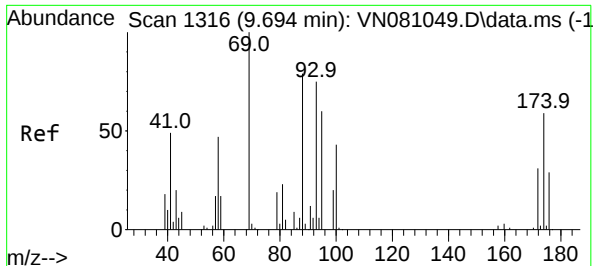


#48
Methyl methacrylate
Concen: 55.206 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion: 41 Resp: 200438
Ion Ratio Lower Upper
41 100
69 90.6 62.2 93.2
39 66.3 47.6 71.4





#49

1,4-Dioxane

Concen: 1318.218 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 87225

Ion Ratio Lower Upper

88 100

43 25.0 30.1 45.1

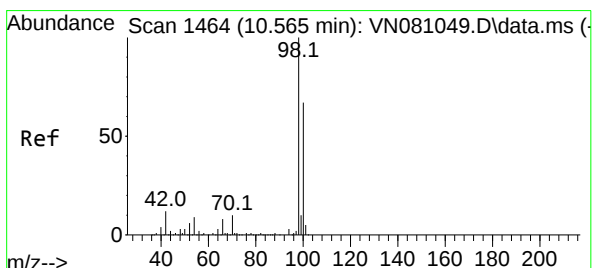
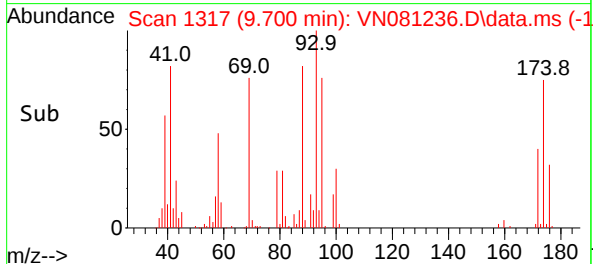
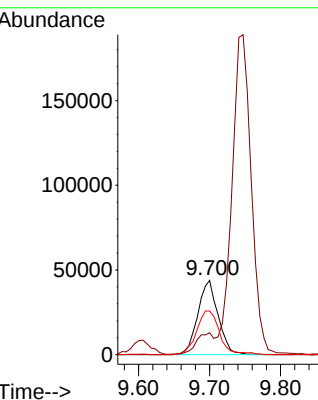
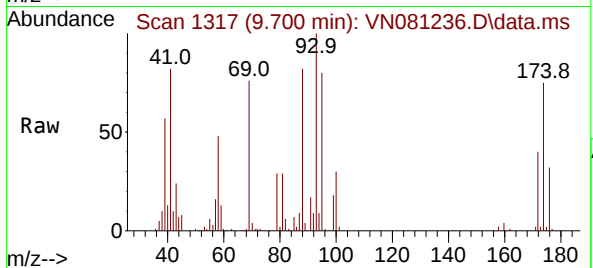
58 66.5 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 49.347 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081236.D

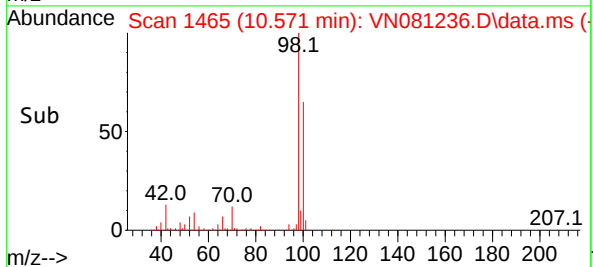
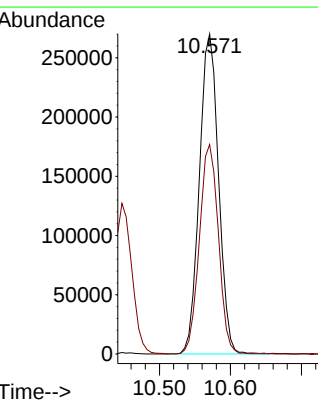
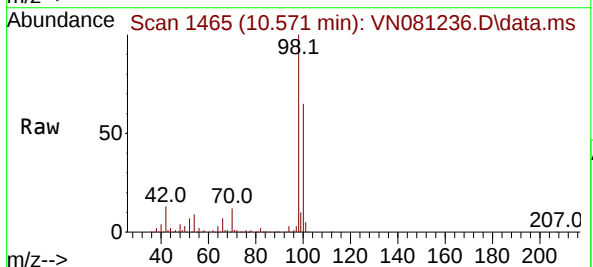
Acq: 28 Feb 2024 11:33

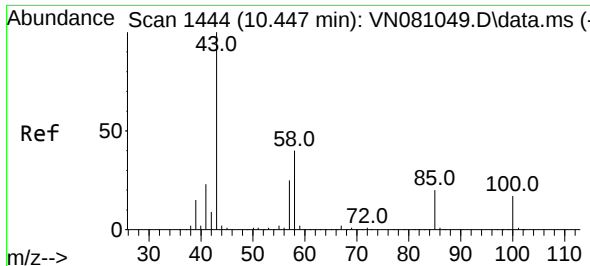
Tgt Ion: 98 Resp: 505730

Ion Ratio Lower Upper

98 100

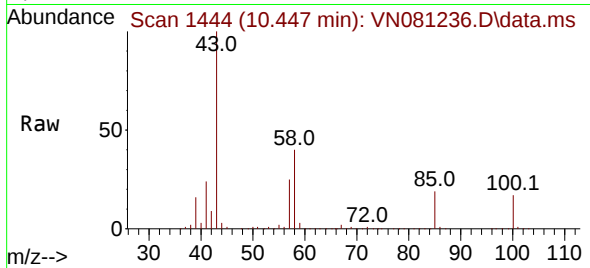
100 64.9 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 307.224 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

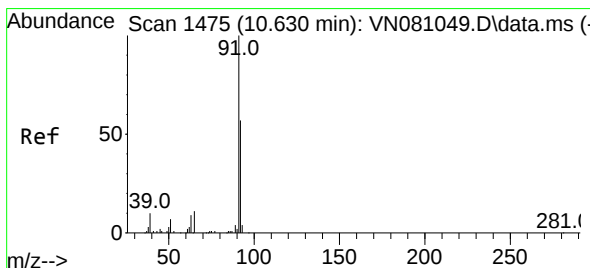
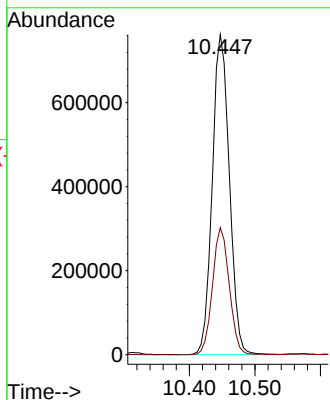
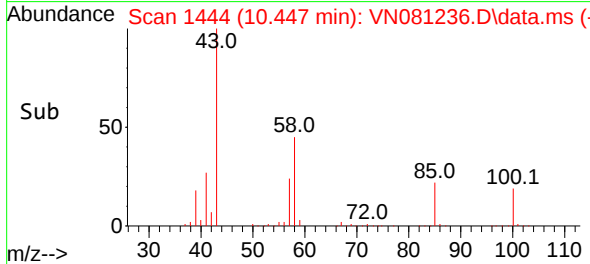
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



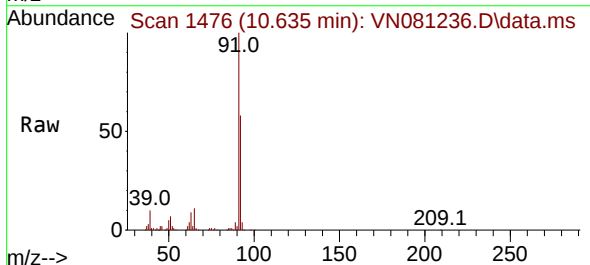
Tgt Ion: 43 Resp: 1379010
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.0

Manual Integrations
APPROVED

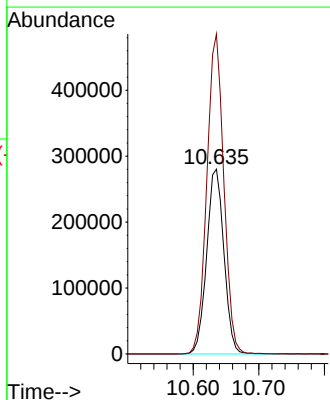
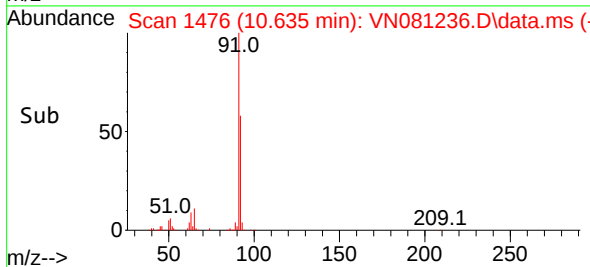
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

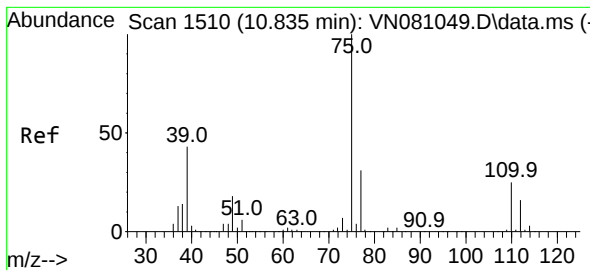


#52
Toluene
Concen: 56.495 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion: 92 Resp: 511762
Ion Ratio Lower Upper
92 100
91 169.9 139.4 209.0





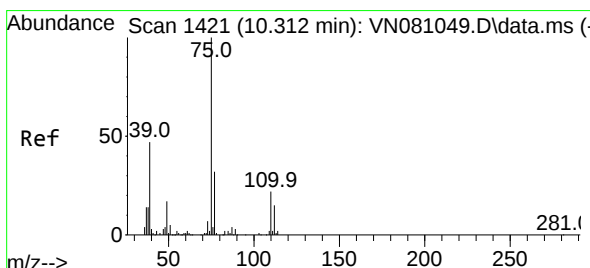
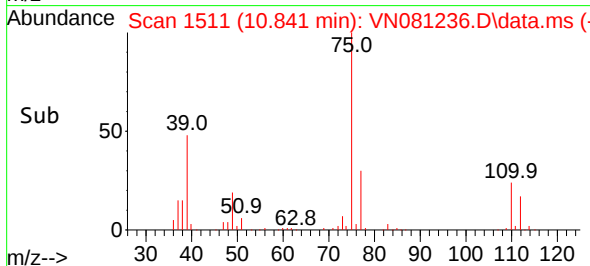
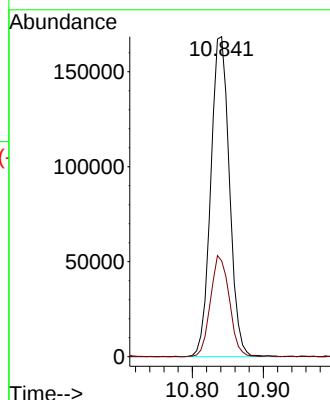
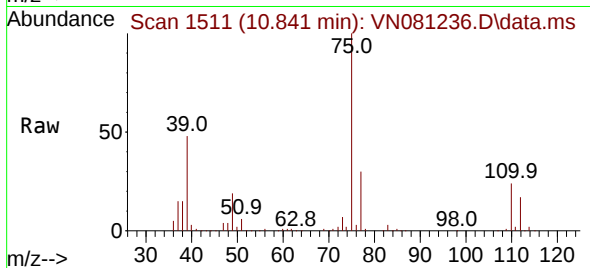
#53
t-1,3-Dichloropropene
Concen: 55.910 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 306874
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3

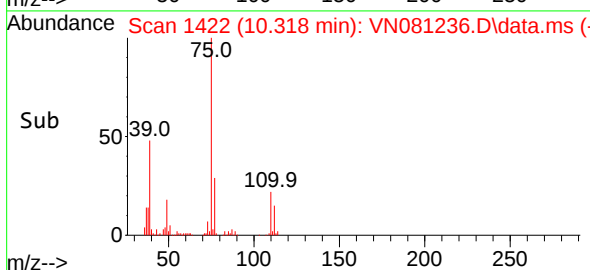
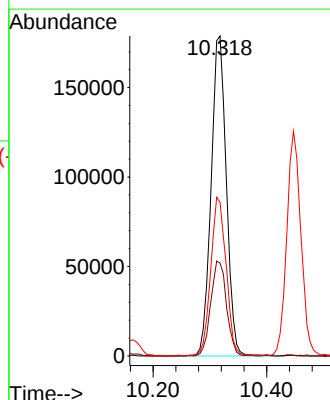
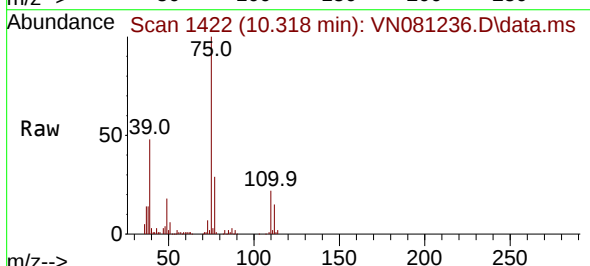
Manual Integrations
APPROVED

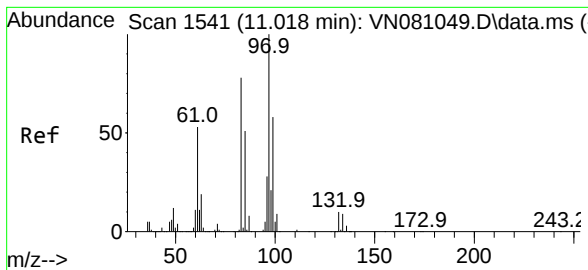
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#54
cis-1,3-Dichloropropene
Concen: 55.900 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

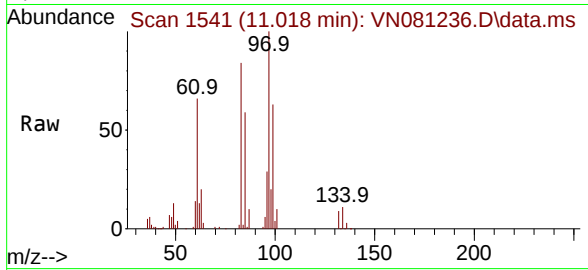
Tgt Ion: 75 Resp: 331496
Ion Ratio Lower Upper
75 100
77 29.1 23.3 34.9
39 47.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 59.580 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

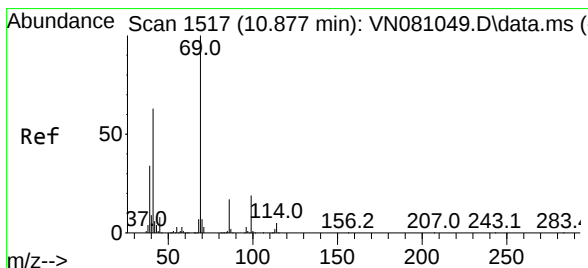
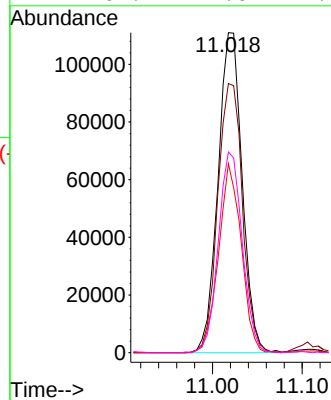
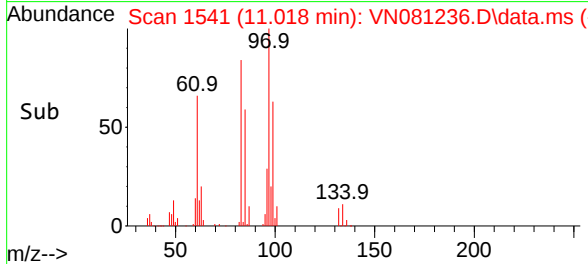
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 207580
Ion Ratio Lower Upper
97 100
83 84.1 72.9 109.3
85 59.1 50.2 75.2
99 62.7 49.6 74.4

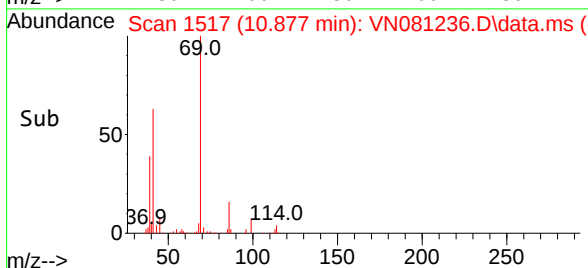
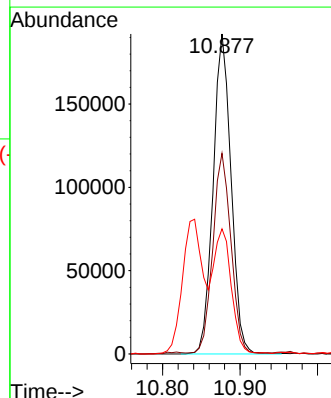
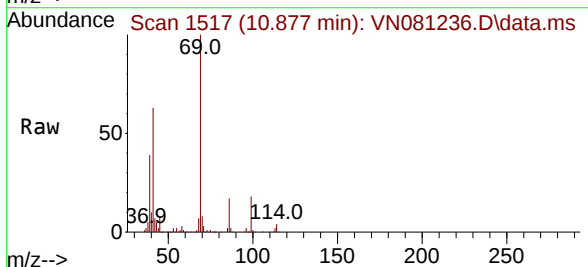
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#56
Ethyl methacrylate
Concen: 57.977 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion: 69 Resp: 308712
Ion Ratio Lower Upper
69 100
41 62.9 61.0 91.6
39 38.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 59.013 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 355508

Ion Ratio Lower Upper

76 100

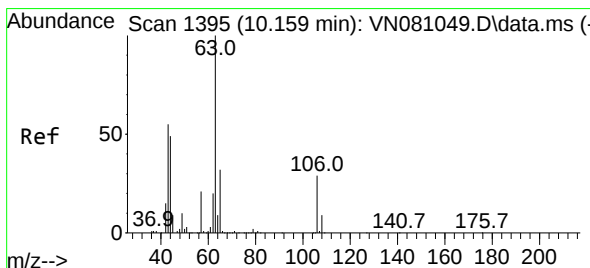
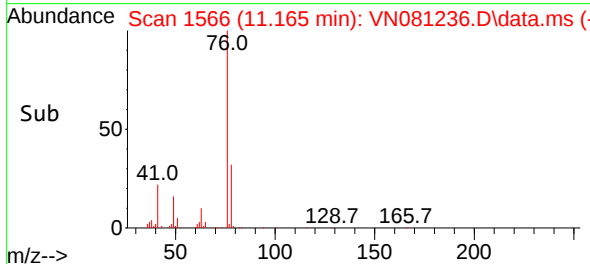
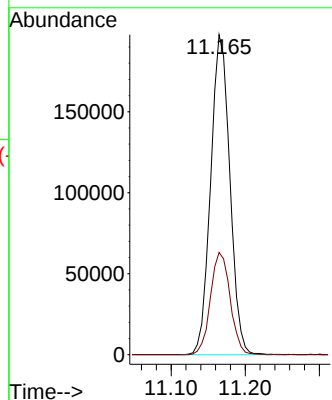
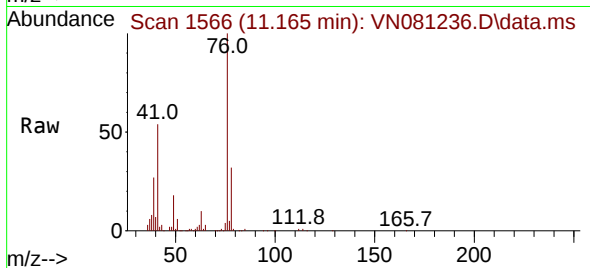
78 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 271.168 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081236.D

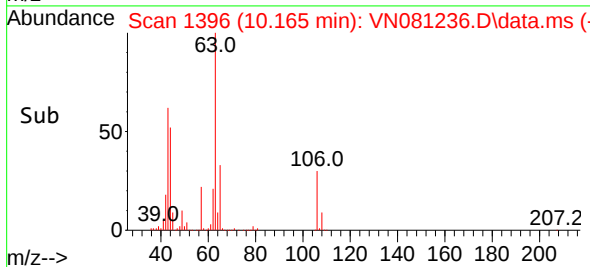
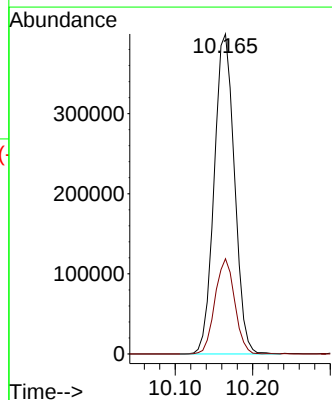
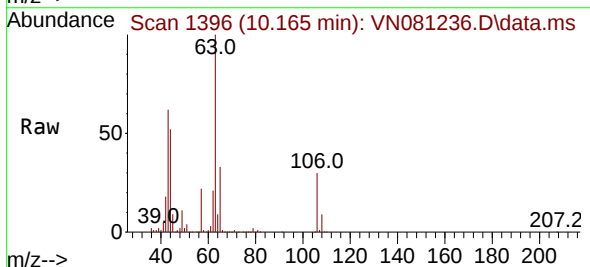
Acq: 28 Feb 2024 11:33

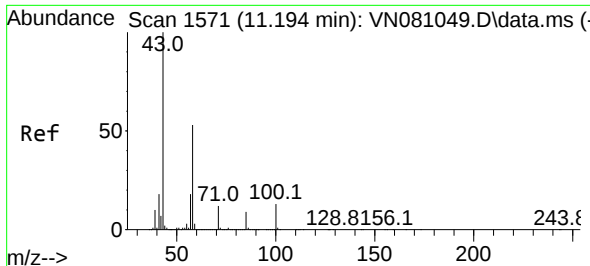
Tgt Ion: 63 Resp: 724476

Ion Ratio Lower Upper

63 100

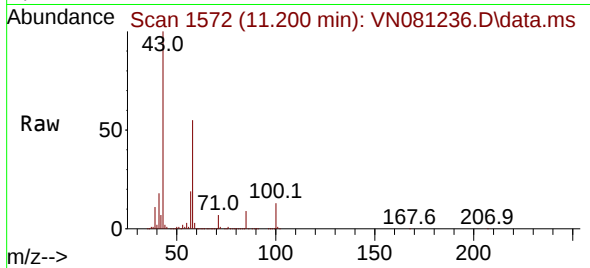
106 29.0 18.6 28.0#





#59
2-Hexanone
Concen: 287.136 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

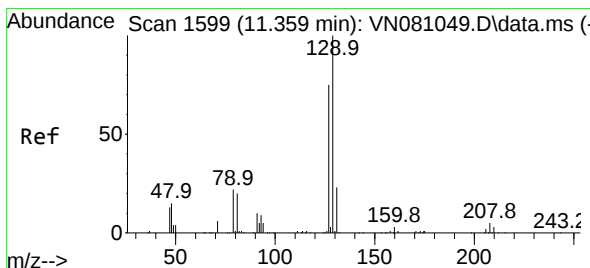
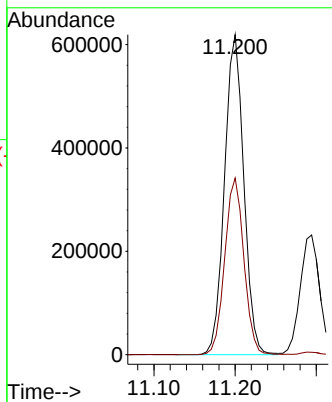
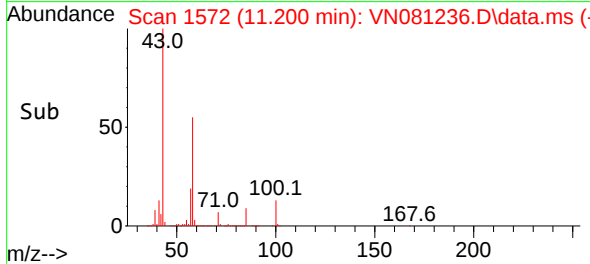
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1021798
Ion Ratio Lower Upper
43 100
58 54.8 25.9 77.8

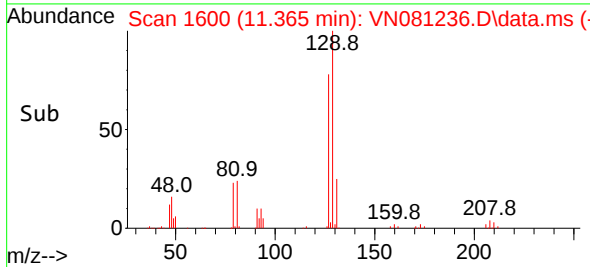
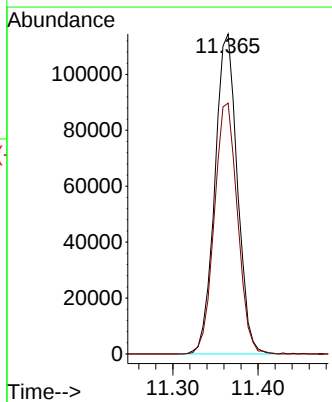
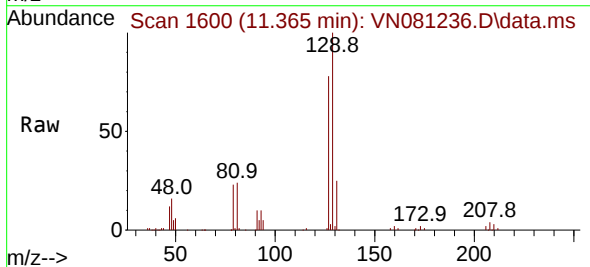
Manual Integrations
APPROVED

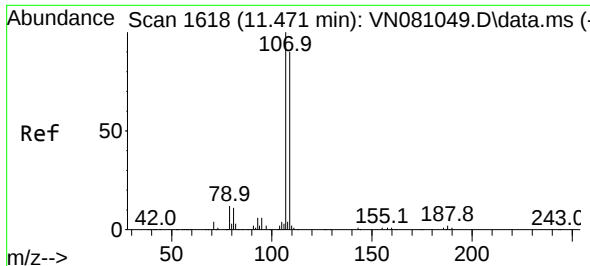
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 56.810 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

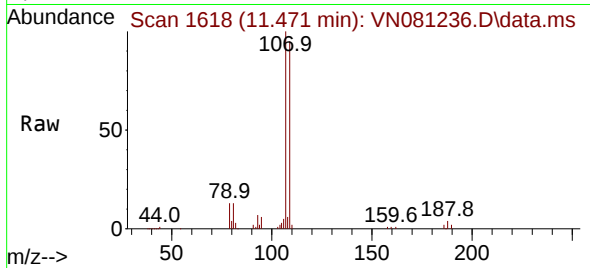
Tgt Ion:129 Resp: 210269
Ion Ratio Lower Upper
129 100
127 80.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 56.063 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

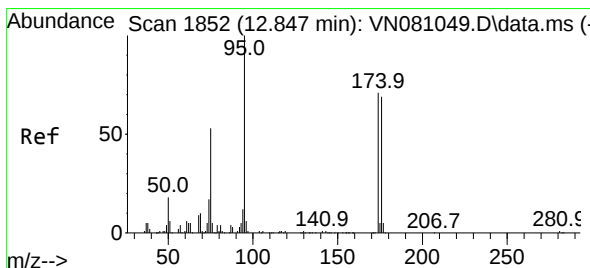
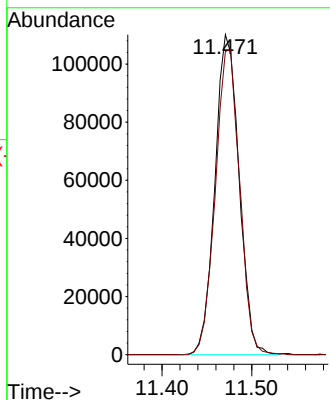
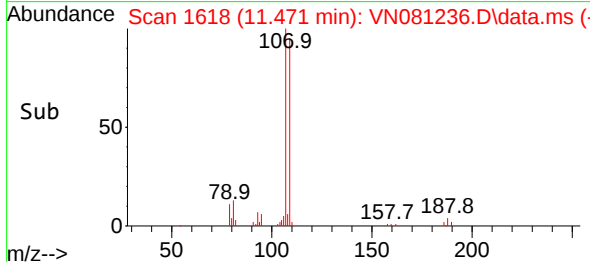
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



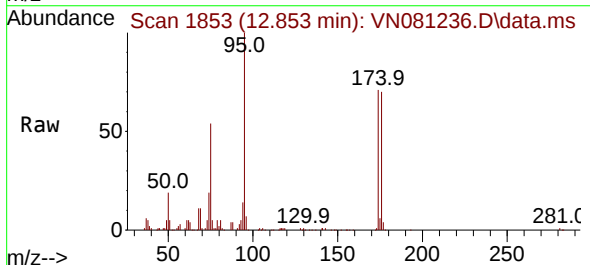
Tgt Ion:107 Resp: 20540
Ion Ratio Lower Upper
107 100
109 96.1 73.4 110.2

Manual Integrations
APPROVED

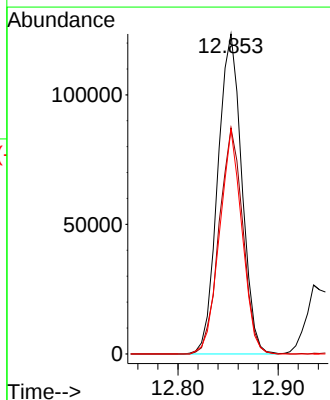
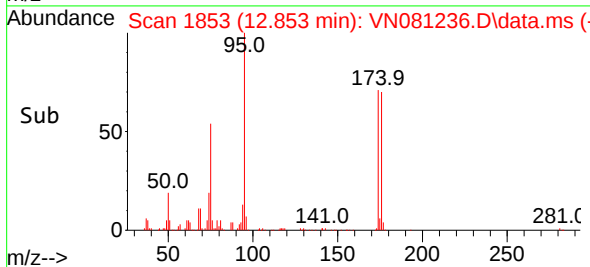
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

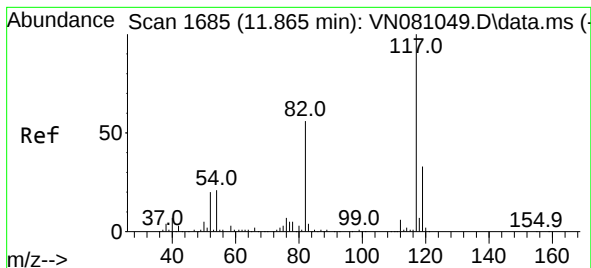


#62
4-Bromofluorobenzene
Concen: 53.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion: 95 Resp: 204911
Ion Ratio Lower Upper
95 100
174 69.6 0.0 120.4
176 65.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 47322

Ion Ratio Lower Upper

117 100

82 54.0 52.7 79.1

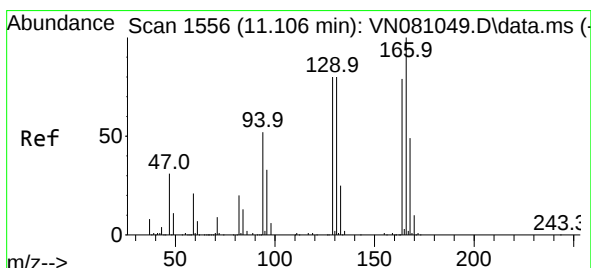
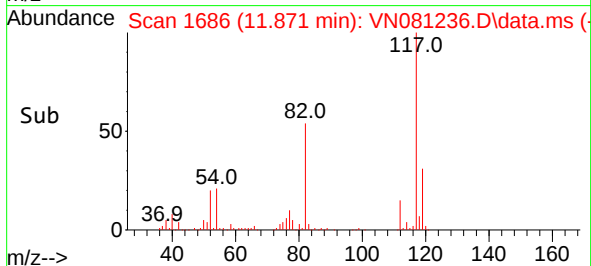
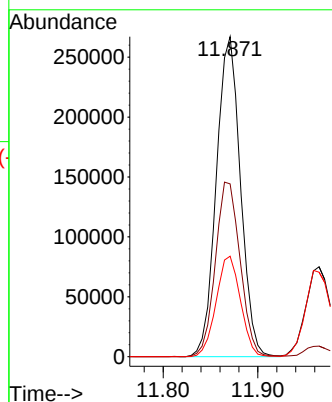
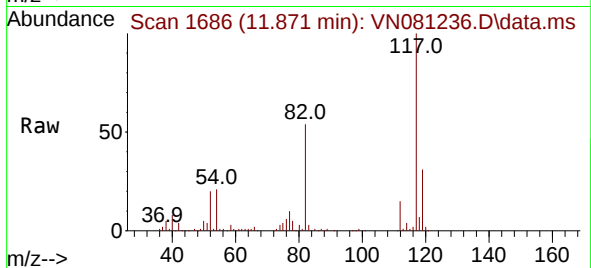
119 31.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#64

Tetrachloroethene

Concen: 60.127 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Tgt Ion:164 Resp: 194196

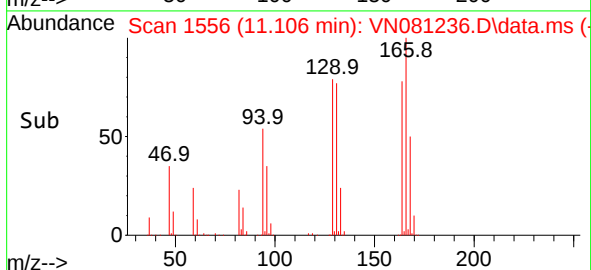
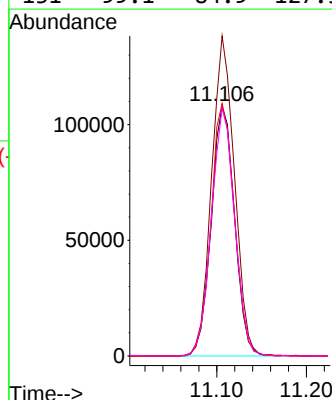
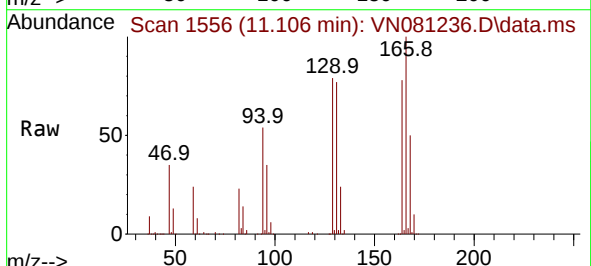
Ion Ratio Lower Upper

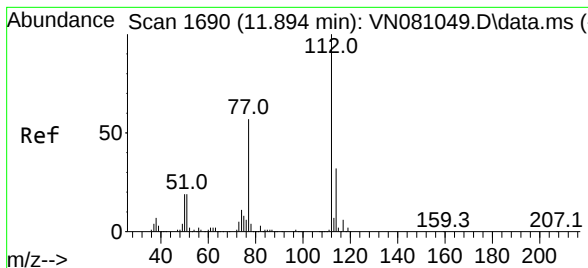
164 100

166 128.0 105.8 158.6

129 101.0 89.6 134.4

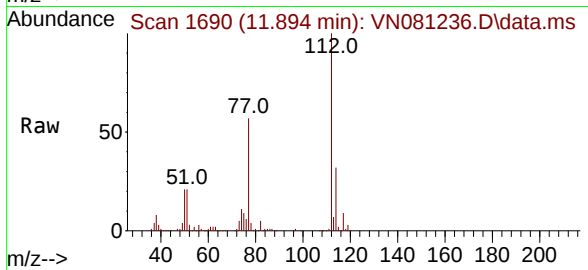
131 99.1 84.9 127.3





#65
Chlorobenzene
Concen: 52.435 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

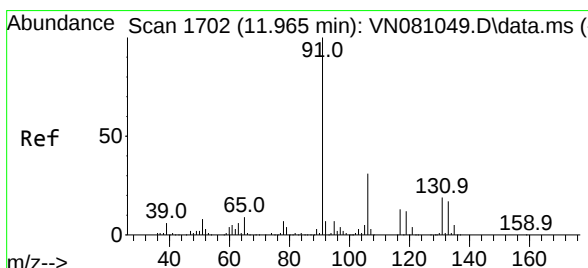
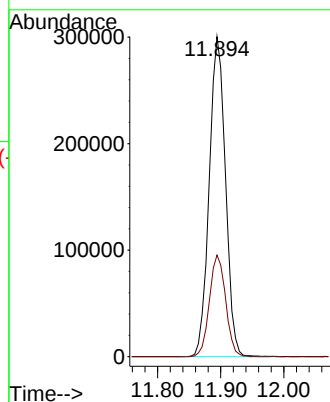
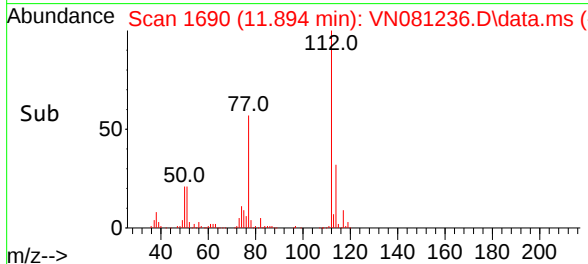
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



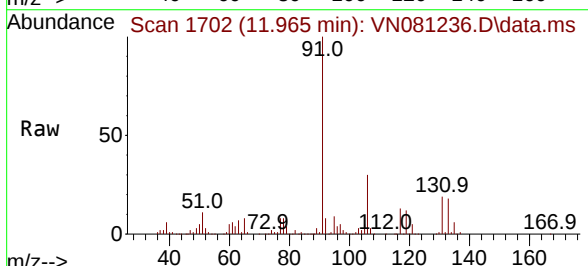
Tgt Ion:112 Resp: 53704
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5

Manual Integrations
APPROVED

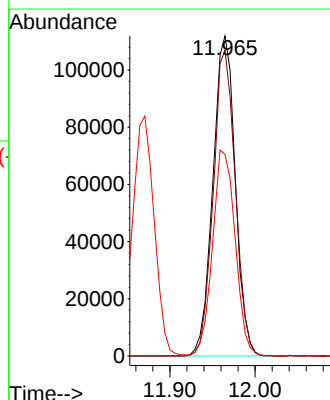
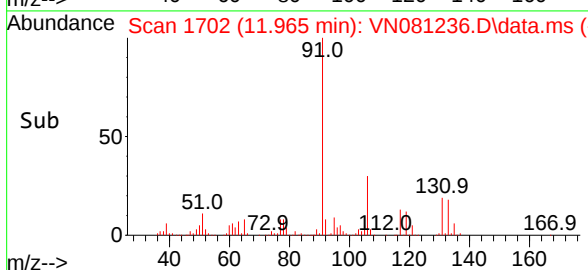
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

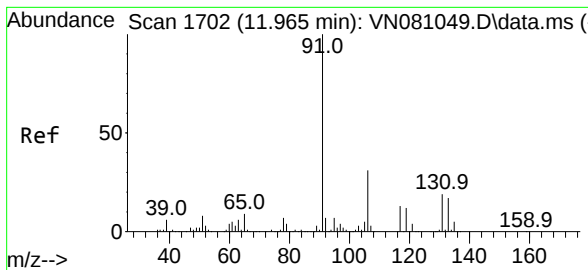


#66
1,1,1,2-Tetrachloroethane
Concen: 55.321 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion:131 Resp: 203506
Ion Ratio Lower Upper
131 100
133 94.4 46.8 140.3
119 65.2 34.6 103.9





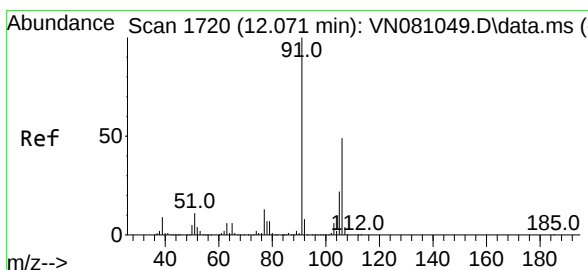
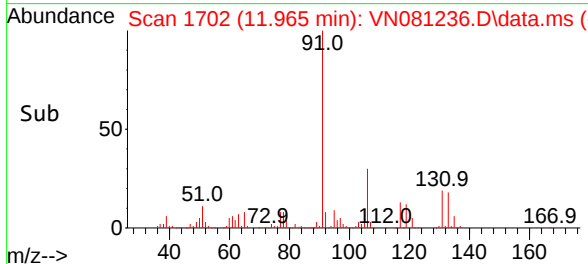
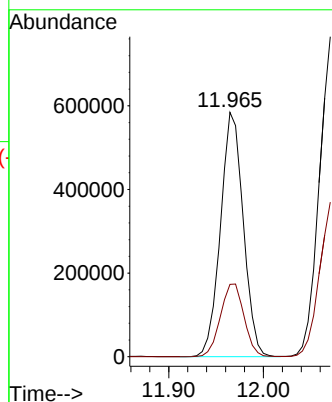
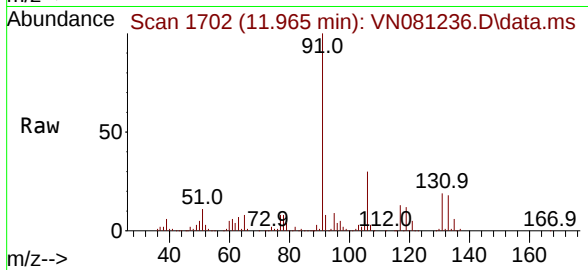
#67
Ethyl Benzene
Concen: 53.386 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 97841
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6

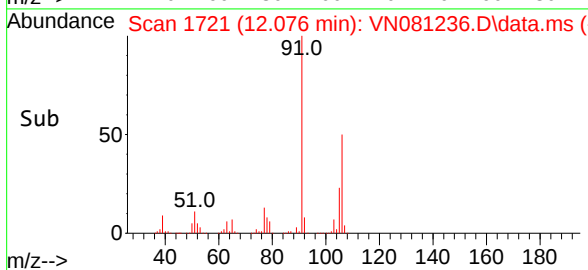
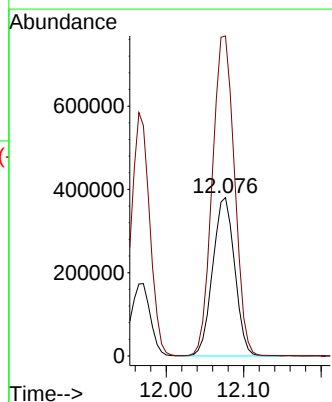
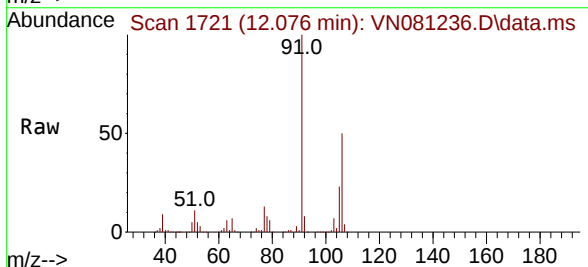
Manual Integrations
APPROVED

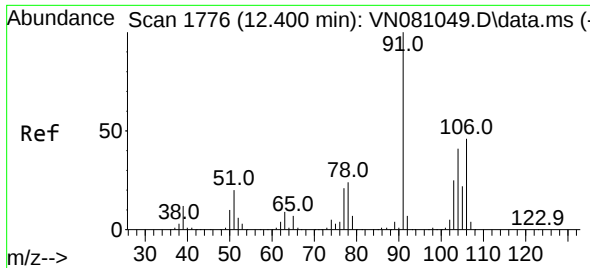
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#68
m/p-Xylenes
Concen: 106.481 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion:106 Resp: 748002
Ion Ratio Lower Upper
106 100
91 204.9 169.0 253.6





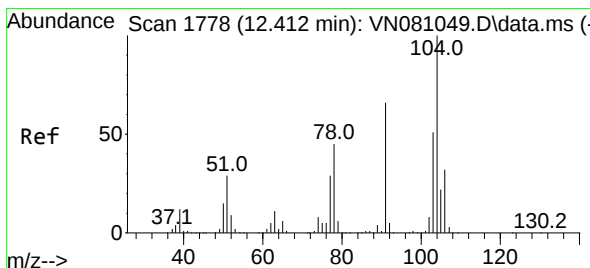
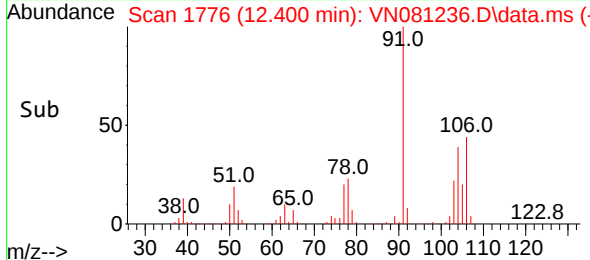
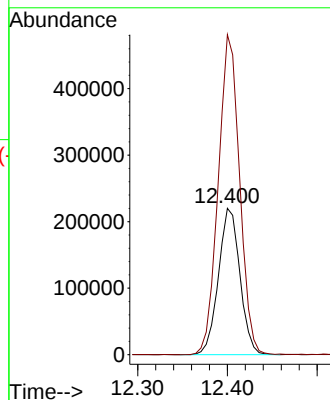
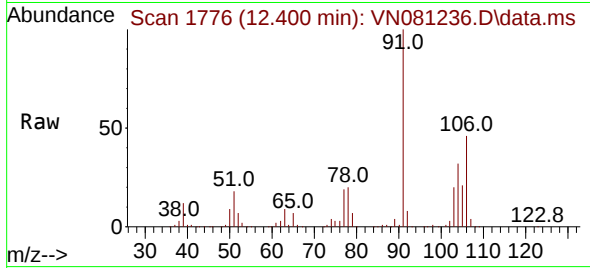
#69
o-Xylene
Concen: 52.508 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 365632
Ion Ratio Lower Upper
106 100
91 217.7 112.1 336.3

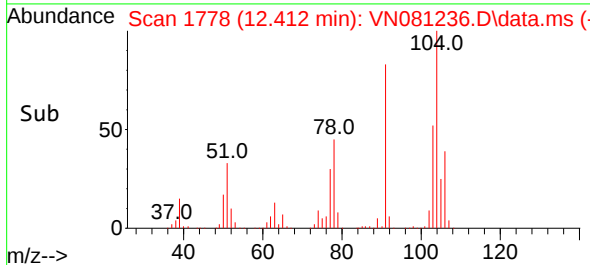
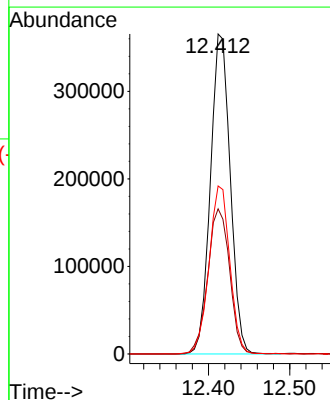
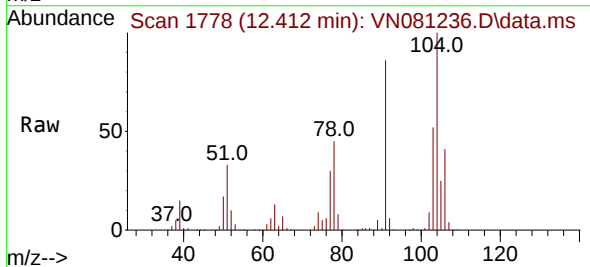
Manual Integrations
APPROVED

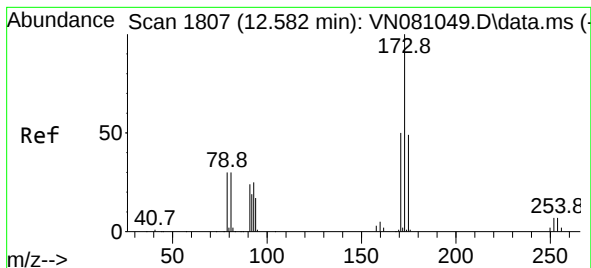
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 56.294 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion:104 Resp: 621164
Ion Ratio Lower Upper
104 100
78 50.0 43.8 65.8
103 54.9 44.2 66.2





#71

Bromoform

Concen: 58.741 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

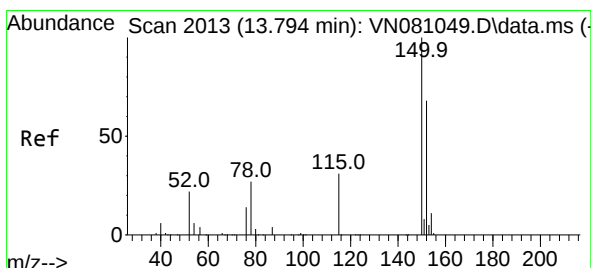
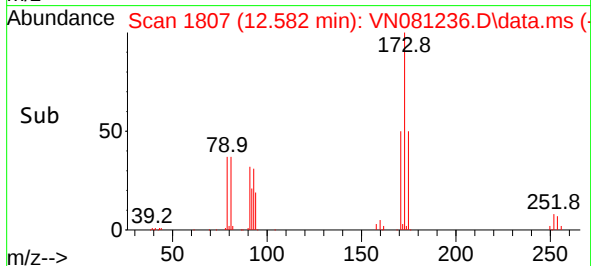
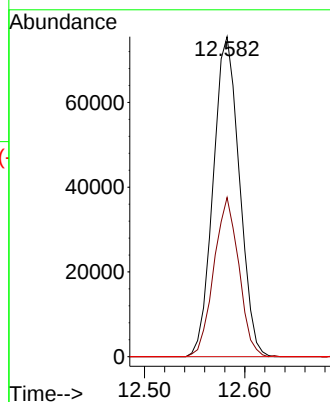
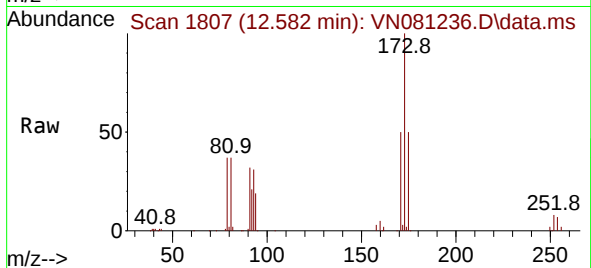
Tgt Ion:	173	Resp:	137095
Ion Ratio	Lower	Upper	
173	100		
175	47.4	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

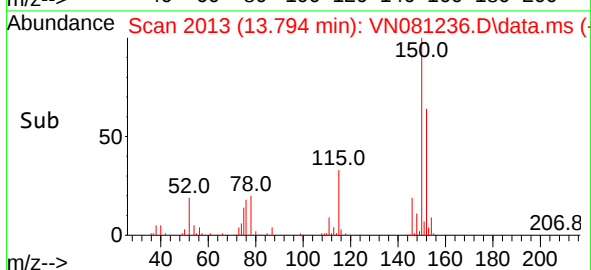
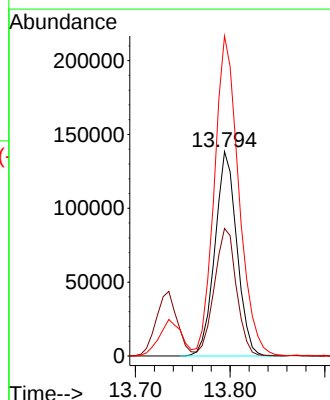
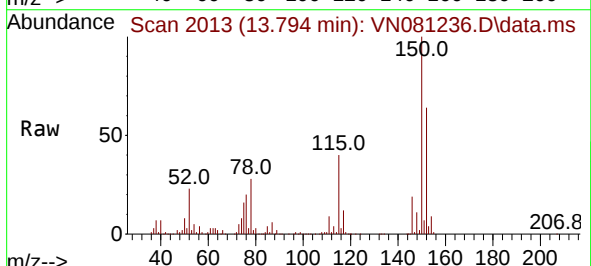
RT: 13.794 min Scan# 2013

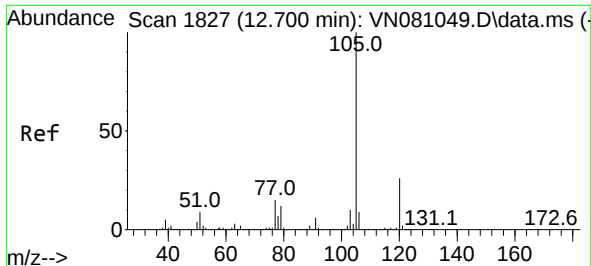
Delta R.T. -0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

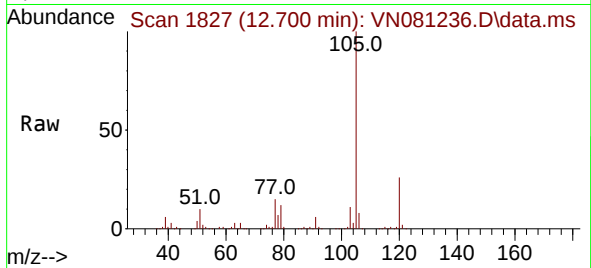
Tgt Ion:	152	Resp:	222605
Ion Ratio	Lower	Upper	
152	100		
115	62.8	32.3	96.8
150	174.1	0.0	339.8





#73
Isopropylbenzene
Concen: 49.597 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

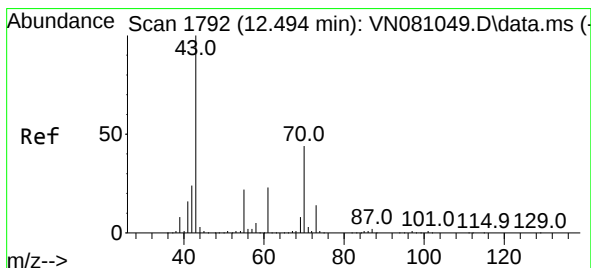
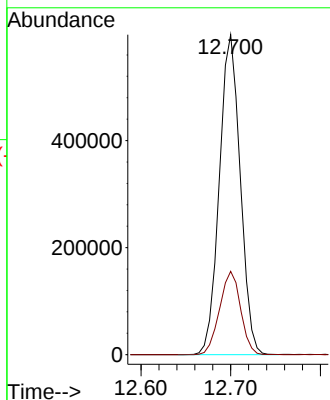
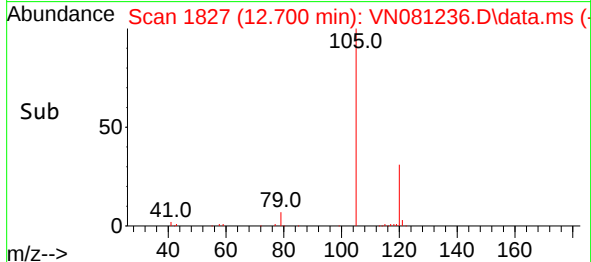
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



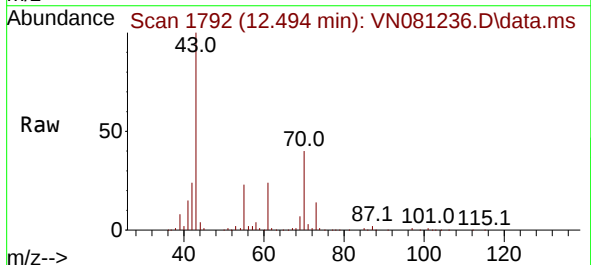
Tgt Ion:105 Resp: 965978
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6

Manual Integrations
APPROVED

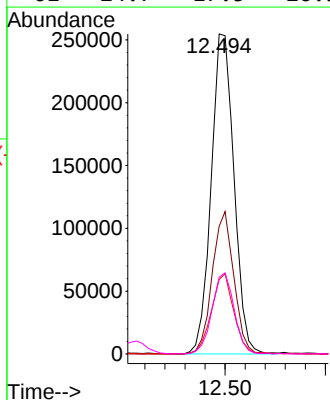
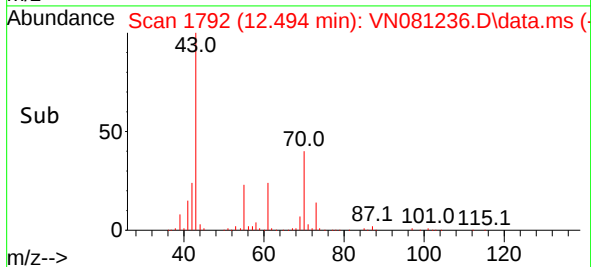
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

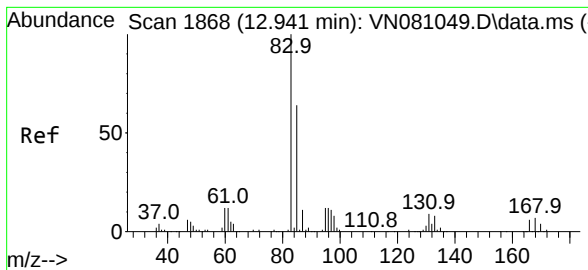


#74
N-ethyl acetate
Concen: 48.778 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



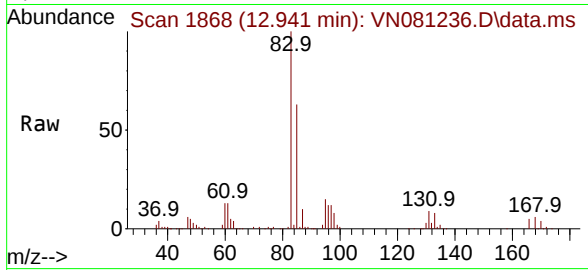
Tgt Ion: 43 Resp: 401517
Ion Ratio Lower Upper
43 100
70 42.2 30.1 45.1
55 24.7 17.0 25.4
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

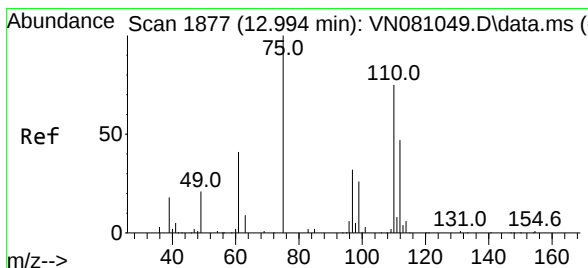
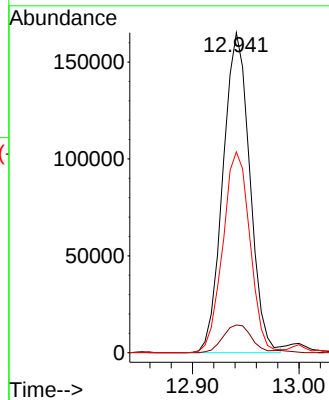
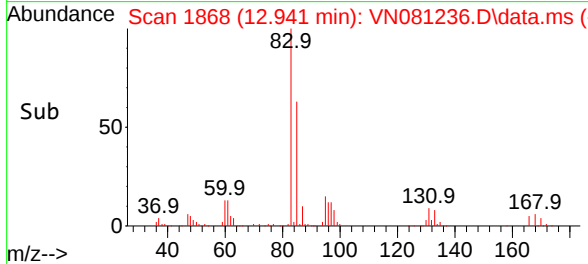
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 289350
Ion Ratio Lower Upper
83 100
131 9.6 4.1 12.3
85 63.4 32.1 96.3

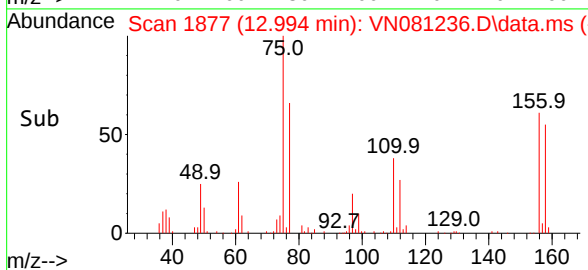
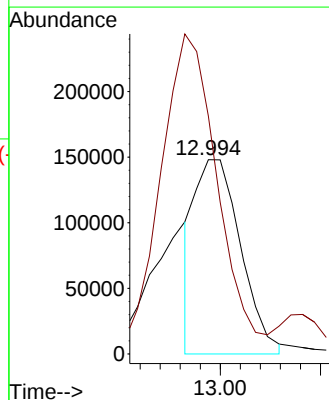
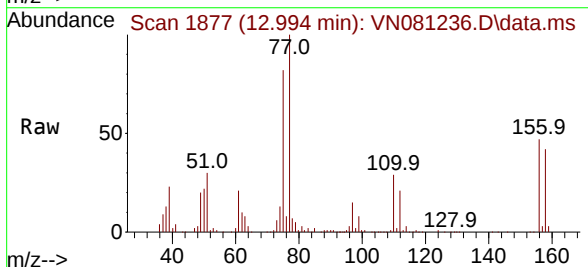
Manual Integrations
APPROVED

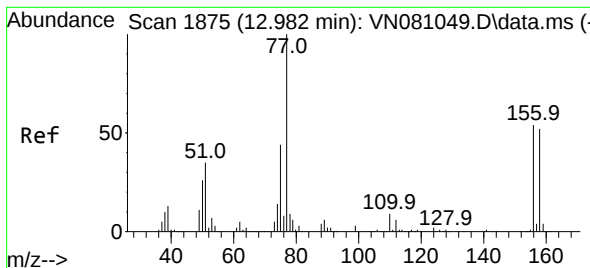
Reviewed By :John Carbone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#76
1,2,3-Trichloropropane
Concen: 46.397 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

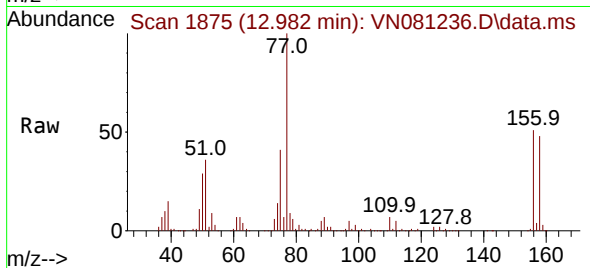
Tgt Ion: 75 Resp: 234666
Ion Ratio Lower Upper
75 100
77 206.0 91.0 272.8





#77
Bromobenzene
Concen: 50.387 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

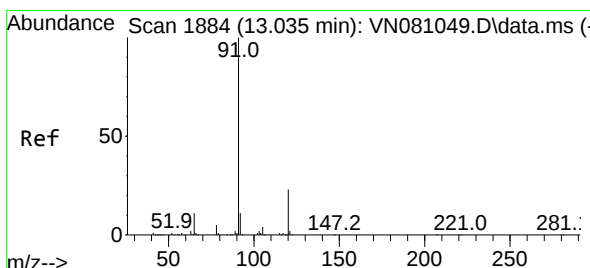
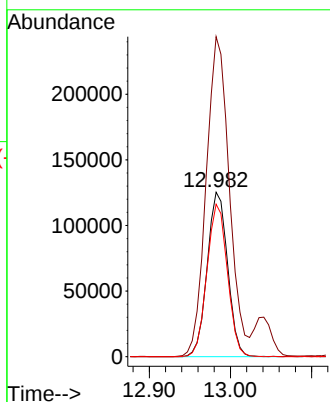
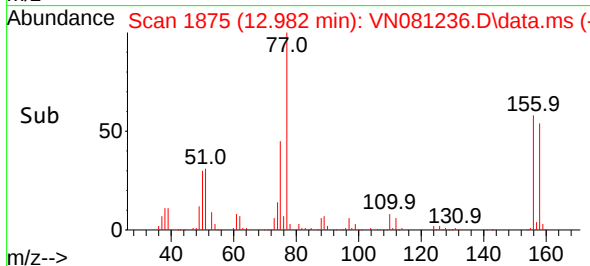
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



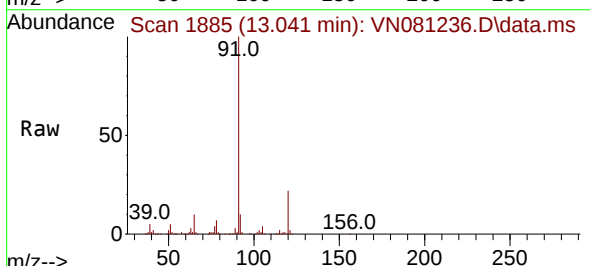
Tgt Ion:156 Resp: 218815
Ion Ratio Lower Upper
156 100
77 220.9 138.1 414.3
158 93.0 46.5 139.5

Manual Integrations
APPROVED

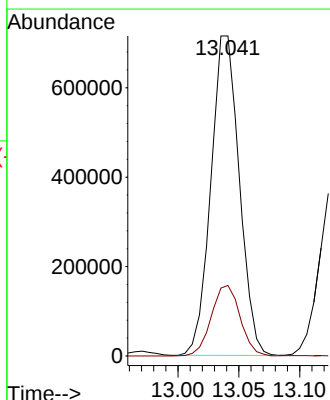
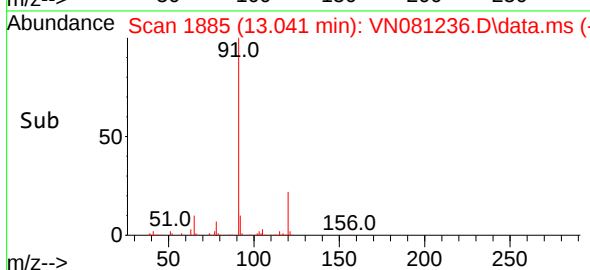
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

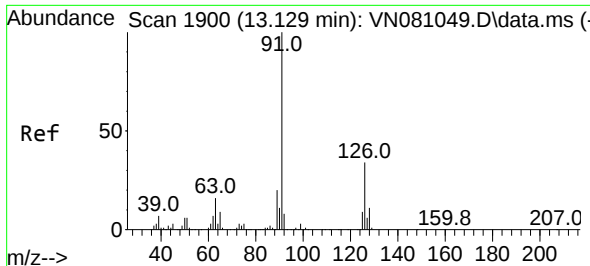


#78
n-propylbenzene
Concen: 51.845 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



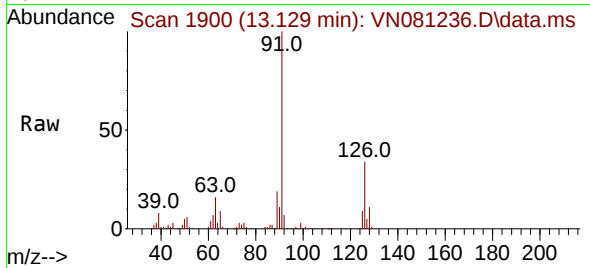
Tgt Ion: 91 Resp: 1162420
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





#79
2-Chlorotoluene
Concen: 49.835 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

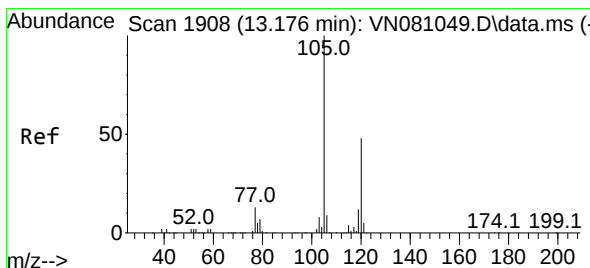
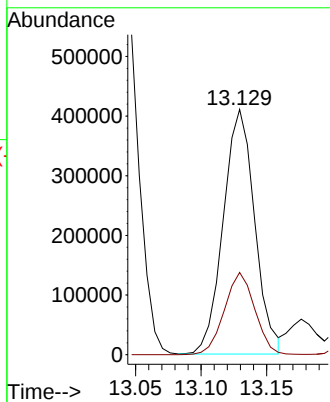
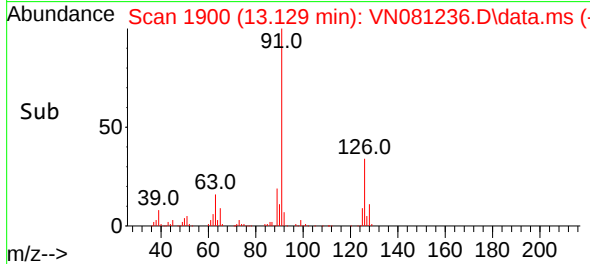
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



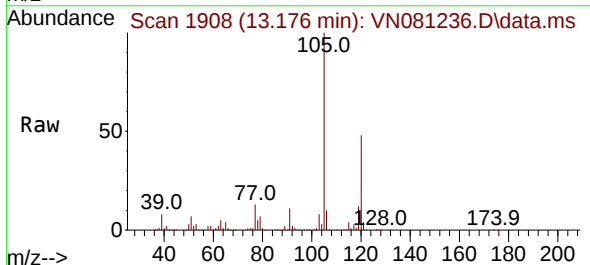
Tgt Ion: 91 Resp: 685350
Ion Ratio Lower Upper
91 100
126 32.5 14.8 44.4

Manual Integrations
APPROVED

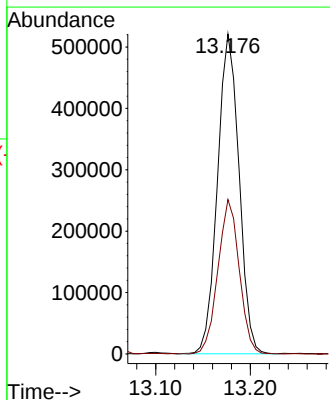
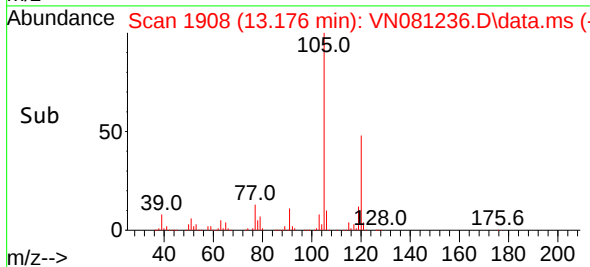
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

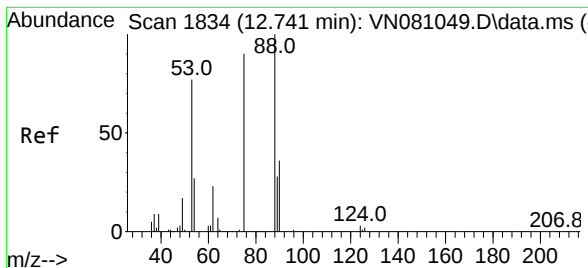


#80
1,3,5-Trimethylbenzene
Concen: 52.191 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



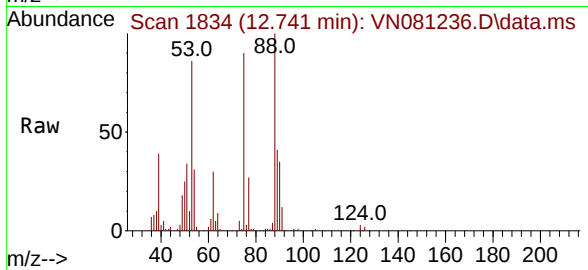
Tgt Ion:105 Resp: 824172
Ion Ratio Lower Upper
105 100
120 47.7 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.493 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

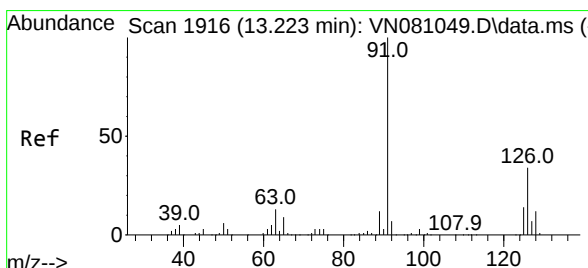
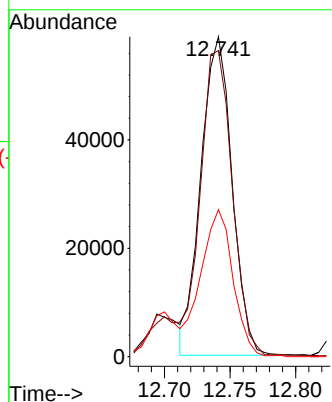
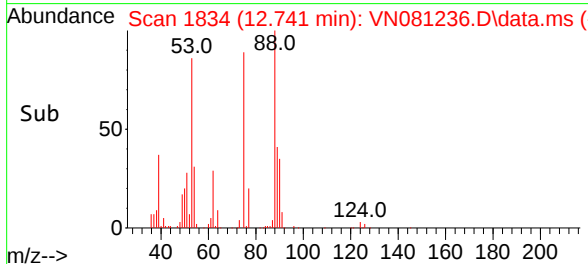
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 9725
Ion Ratio Lower Upper
75 100
53 111.8 71.4 107.2
89 48.2 33.4 50.0

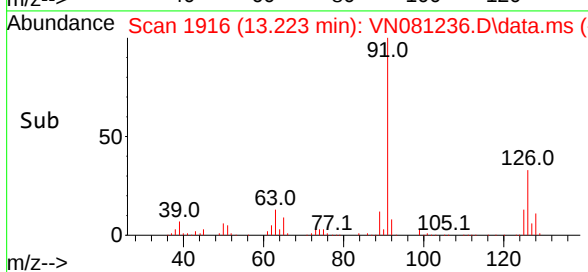
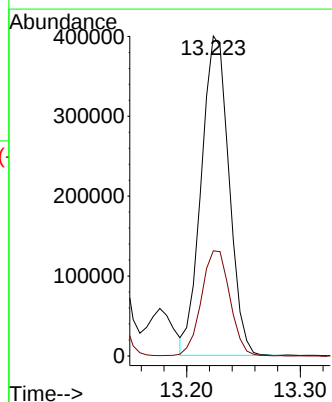
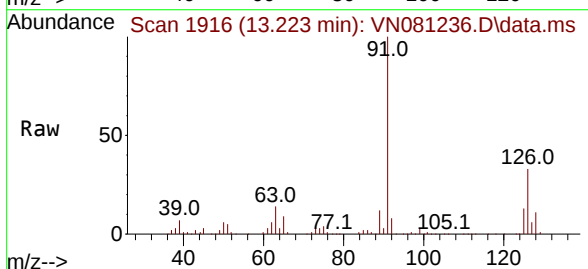
Manual Integrations
APPROVED

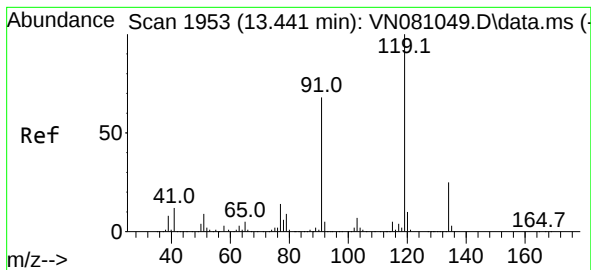
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 50.460 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion: 91 Resp: 678531
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9





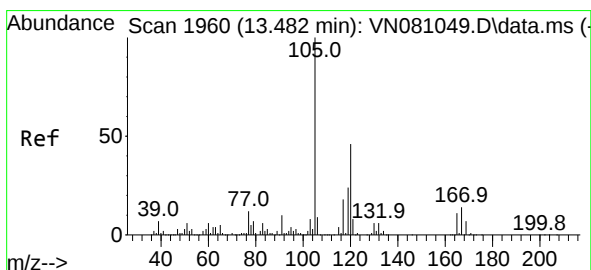
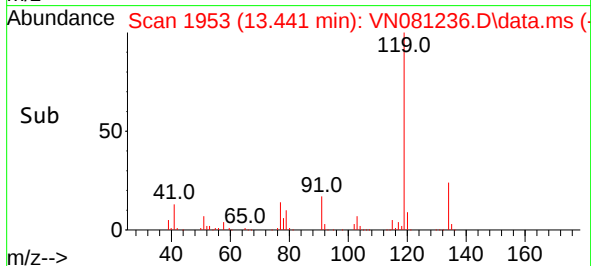
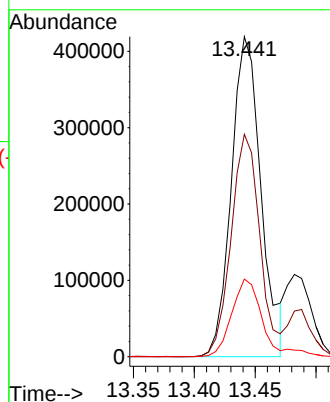
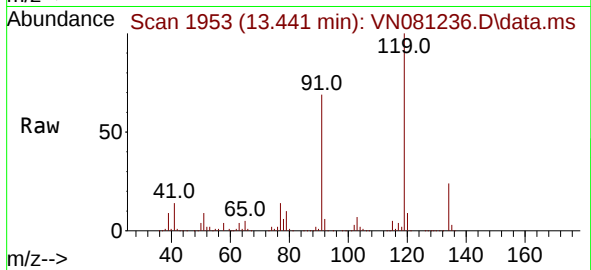
#83
tert-Butylbenzene
Concen: 51.916 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 70889
Ion Ratio Lower Upper
119 100
91 67.6 36.8 110.4
134 25.4 12.4 37.4

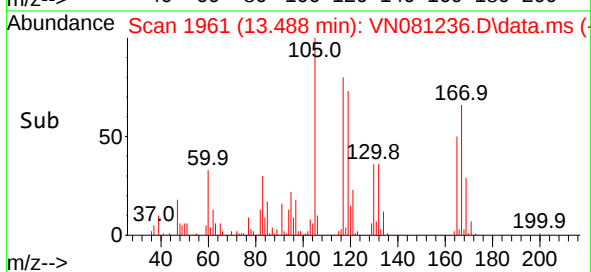
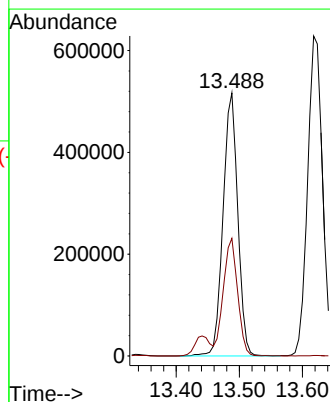
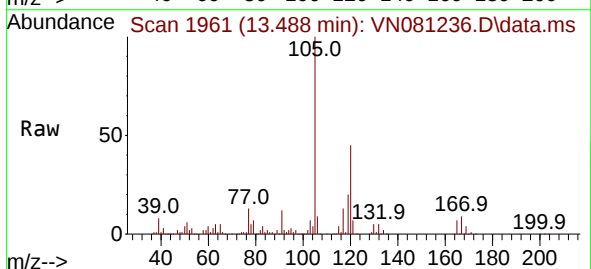
Manual Integrations
APPROVED

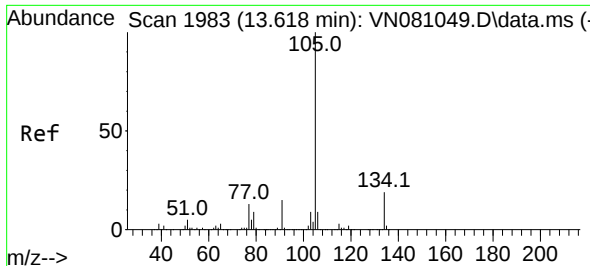
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.089 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Tgt Ion:105 Resp: 835400
Ion Ratio Lower Upper
105 100
120 43.5 20.9 62.7





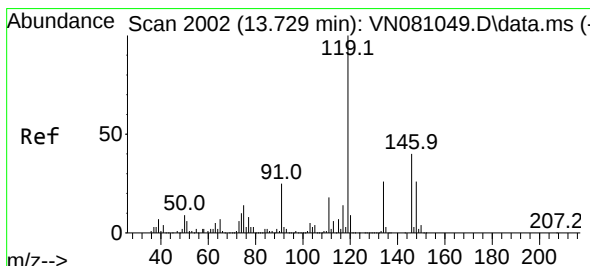
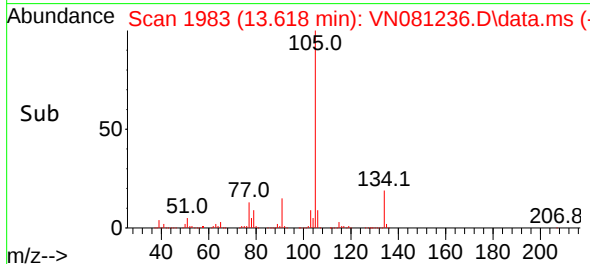
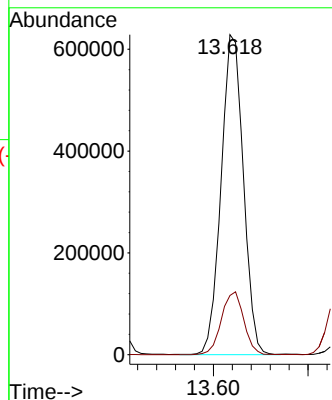
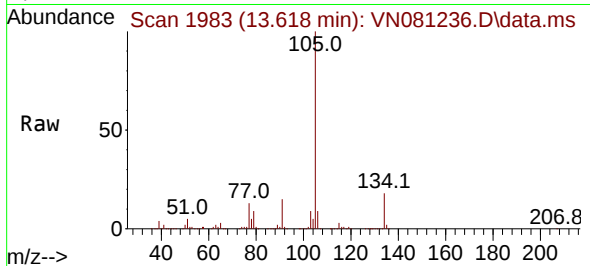
#85
 sec-Butylbenzene
 Concen: 54.089 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 102674
 Ion Ratio Lower Upper
 105 100
 134 19.7 8.6 25.8

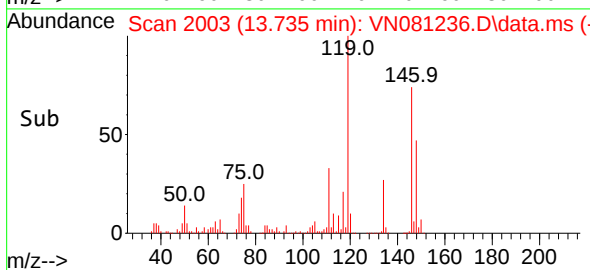
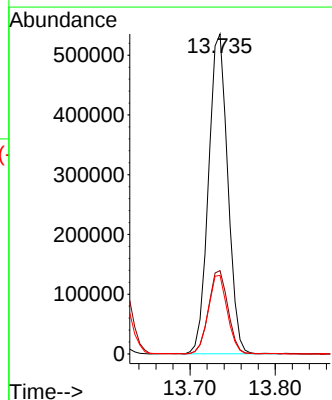
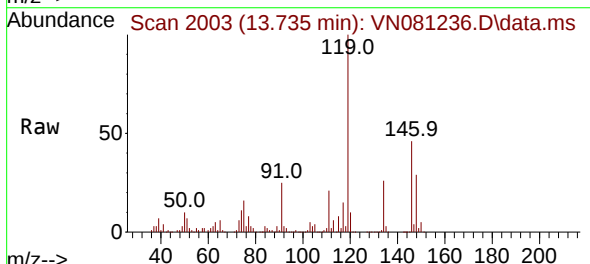
Manual Integrations
 APPROVED

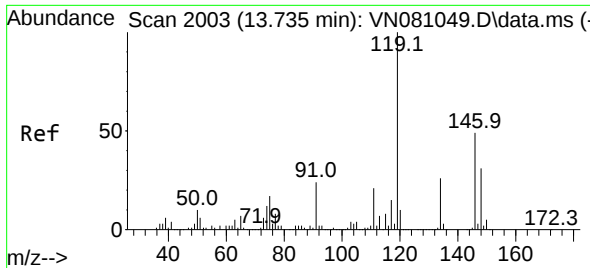
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#86
 p-Isopropyltoluene
 Concen: 53.094 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

Tgt Ion:119 Resp: 837145
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 24.3 13.5 40.4





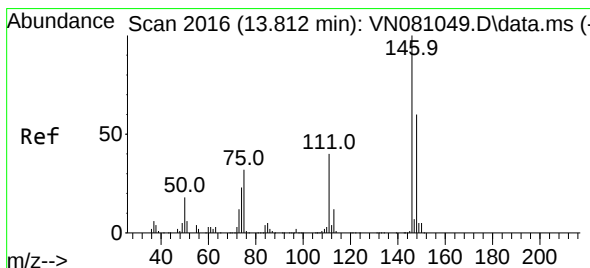
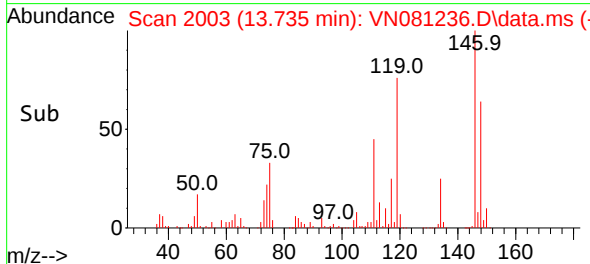
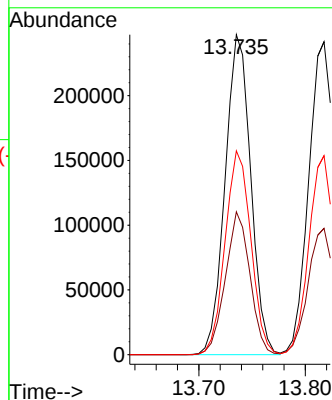
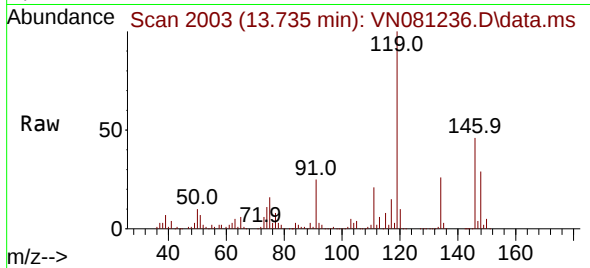
#87
 1,3-Dichlorobenzene
 Concen: 50.468 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 41410
 Ion Ratio Lower Upper
 146 100
 111 42.9 23.9 71.7
 148 64.0 32.6 97.7

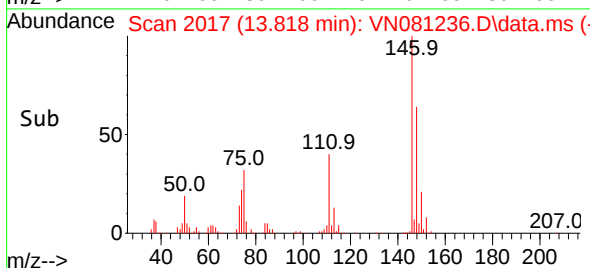
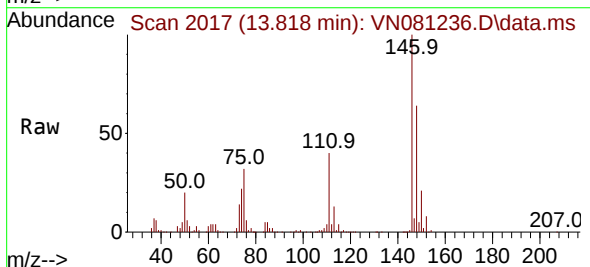
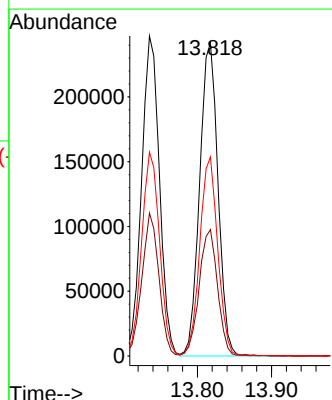
Manual Integrations
 APPROVED

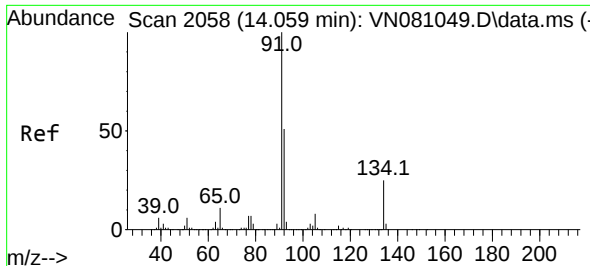
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#88
 1,4-Dichlorobenzene
 Concen: 51.519 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081236.D
 Acq: 28 Feb 2024 11:33

Tgt Ion:146 Resp: 415378
 Ion Ratio Lower Upper
 146 100
 111 40.4 22.6 67.7
 148 62.1 31.9 95.5





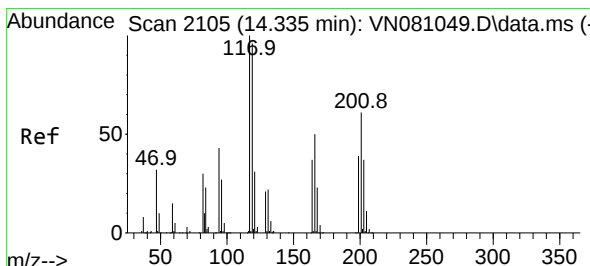
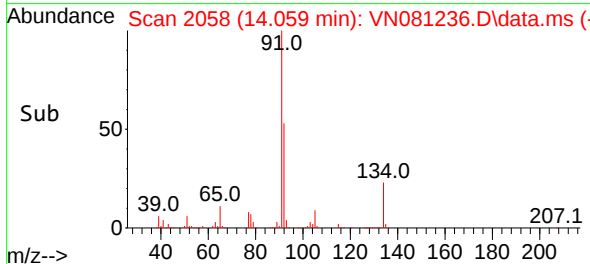
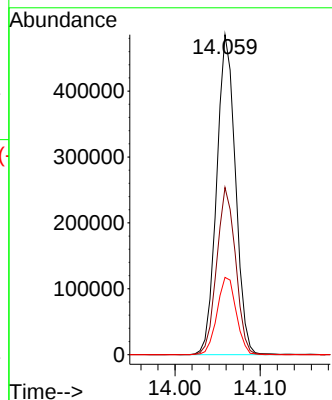
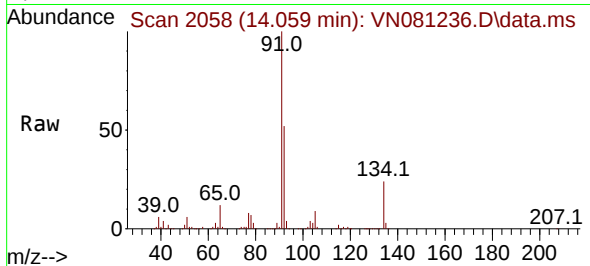
#89
n-Butylbenzene
Concen: 54.125 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 743480
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 24.7 10.8 32.4

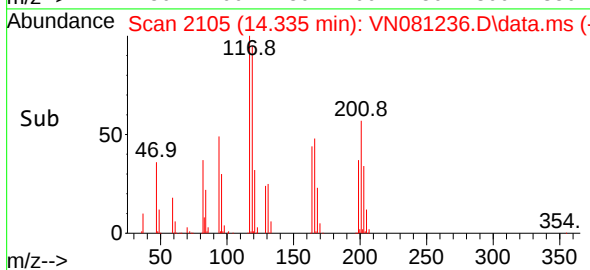
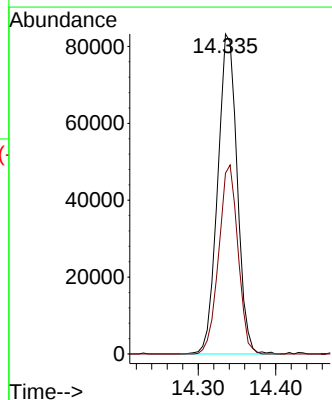
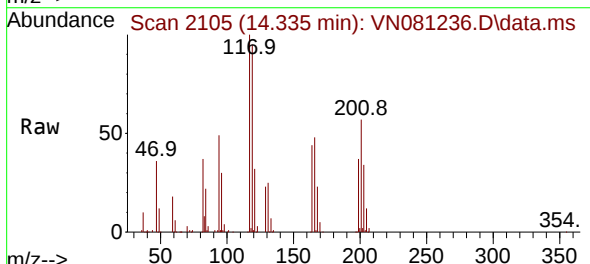
Manual Integrations
APPROVED

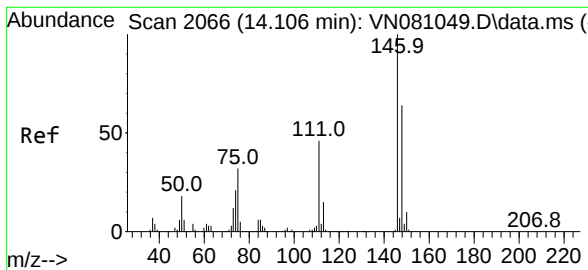
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#90
Hexachloroethane
Concen: 55.699 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

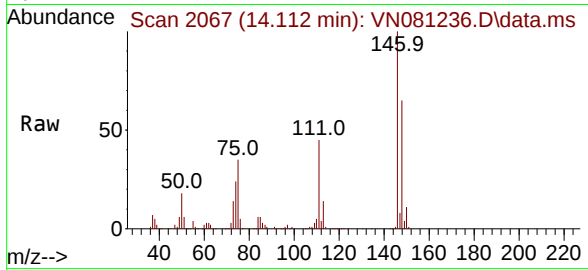
Tgt Ion:117 Resp: 145164
Ion Ratio Lower Upper
117 100
201 58.4 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 49.933 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

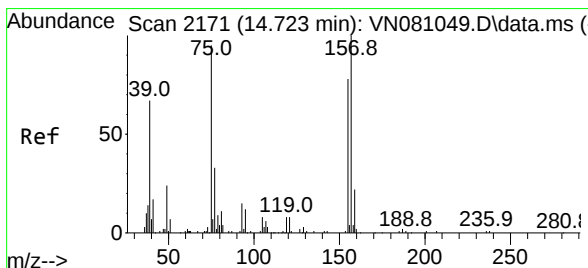
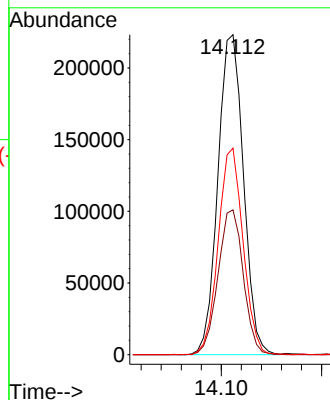
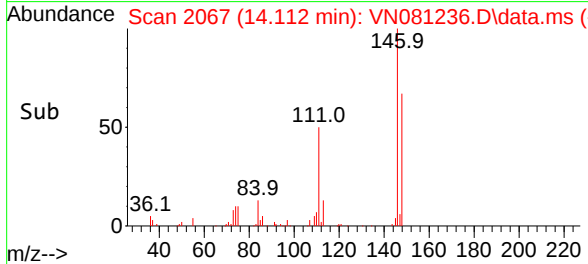
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



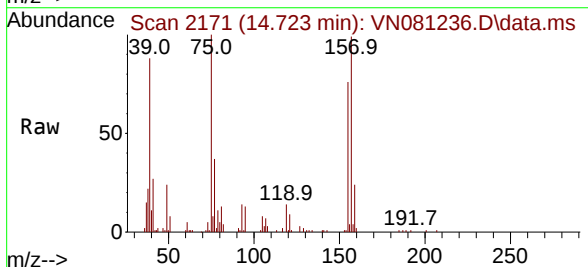
Tgt Ion:146 Resp: 395164
Ion Ratio Lower Upper
146 100
111 44.8 23.9 71.8
148 62.6 31.4 94.0

Manual Integrations
APPROVED

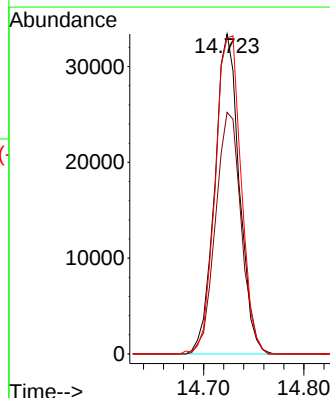
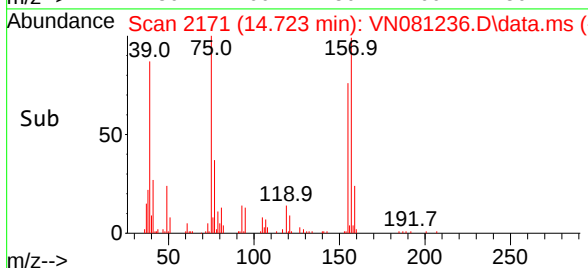
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

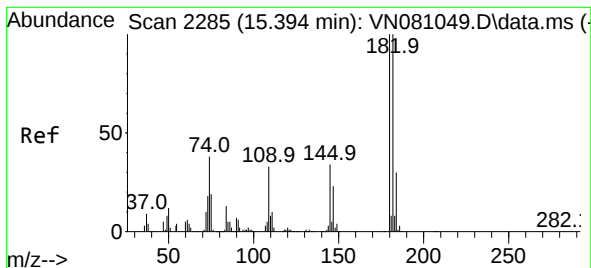


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.926 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion: 75 Resp: 56848
Ion Ratio Lower Upper
75 100
155 79.2 31.8 95.4
157 104.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 50.590 ug/l

RT: 15.400 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 22336

Ion Ratio Lower Upper

180 100

182 94.1 46.6 139.7

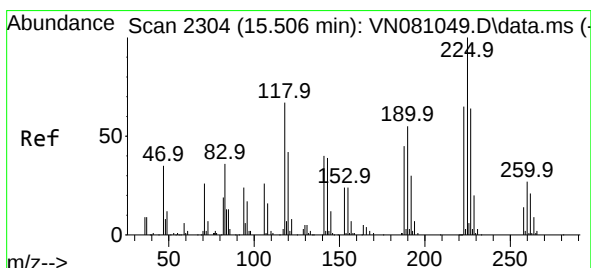
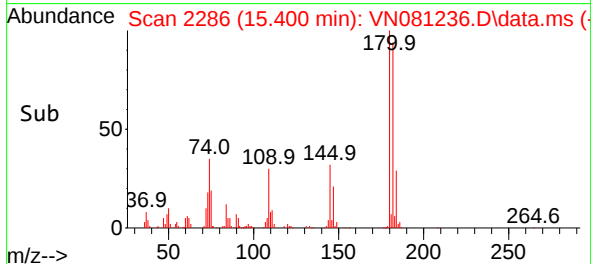
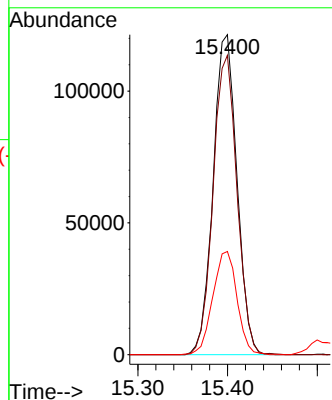
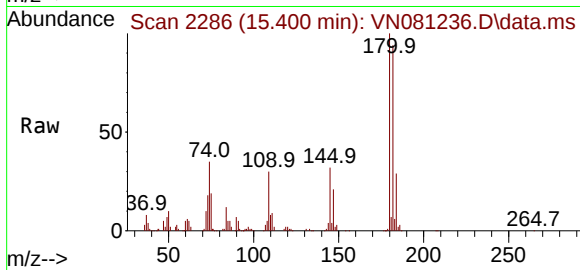
145 32.8 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#94

Hexachlorobutadiene

Concen: 48.311 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081236.D

Acq: 28 Feb 2024 11:33

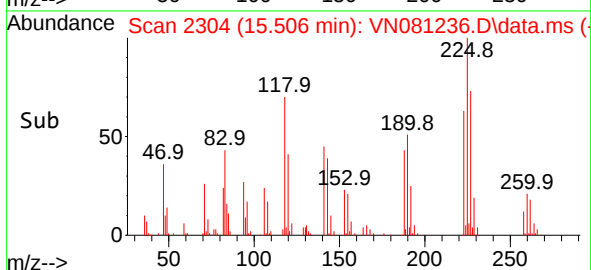
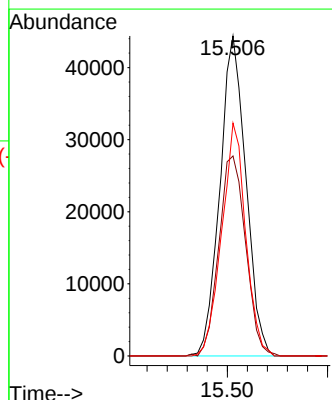
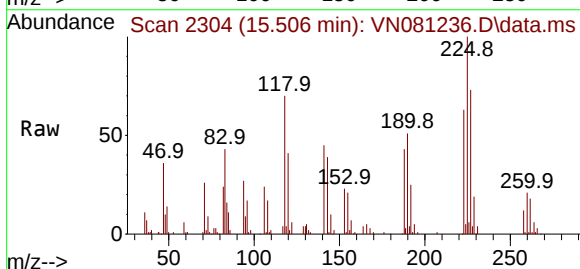
Tgt Ion:225 Resp: 79549

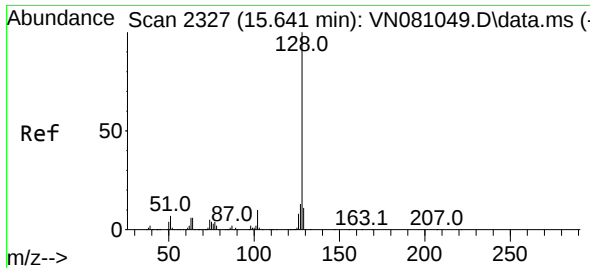
Ion Ratio Lower Upper

225 100

223 64.6 33.3 99.8

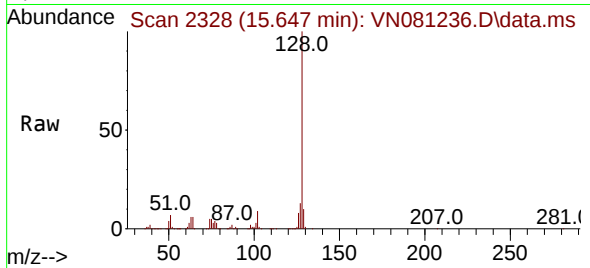
227 67.2 33.1 99.2





#95
Naphthalene
Concen: 49.377 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33

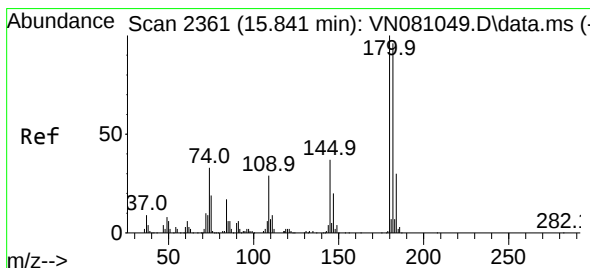
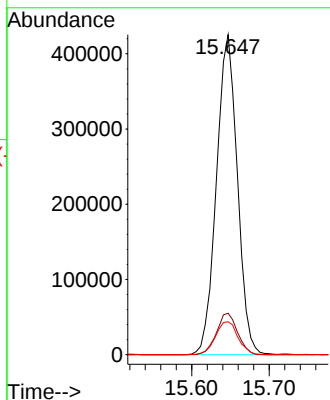
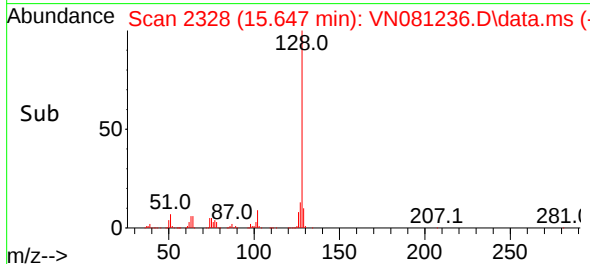
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



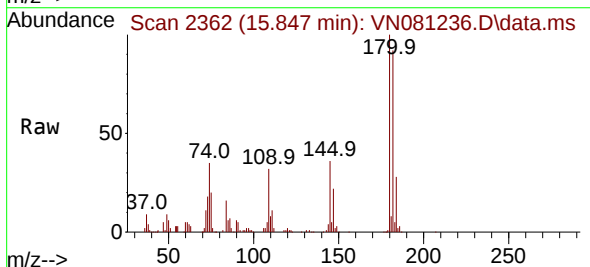
Tgt Ion:128 Resp: 798879
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.681 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081236.D
Acq: 28 Feb 2024 11:33



Tgt Ion:180 Resp: 217598
Ion Ratio Lower Upper
180 100
182 95.0 46.5 139.3
145 36.2 17.8 53.4

