

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078966.D
 Acq On : 21 Aug 2023 11:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 00:53:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	217598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	359298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	332100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156507	46.222	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.440%
35) Dibromofluoromethane	8.171	113	126880	52.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.920%
50) Toluene-d8	10.571	98	467358	52.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.853	95	160527	54.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	143626	47.570	ug/l	98
3) Chloromethane	2.365	50	155639	36.921	ug/l	99
4) Vinyl Chloride	2.512	62	161758	43.754	ug/l	96
5) Bromomethane	2.942	94	95914	45.188	ug/l	95
6) Chloroethane	3.112	64	102636	39.713	ug/l	98
7) Trichlorofluoromethane	3.495	101	216300	48.036	ug/l	98
8) Diethyl Ether	3.965	74	80062	46.901	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	115586	48.197	ug/l	98
10) Methyl Iodide	4.589	142	145441	54.204	ug/l	94
11) Tert butyl alcohol	5.530	59	112747	198.436	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114119	48.851	ug/l	86
13) Acrolein	4.177	56	78239	257.545	ug/l	97
14) Allyl chloride	5.024	41	203612	43.792	ug/l #	89
15) Acrylonitrile	5.724	53	341824	222.075	ug/l	99
16) Acetone	4.430	43	368717	263.912	ug/l	89
17) Carbon Disulfide	4.712	76	319013	48.785	ug/l	100
18) Methyl Acetate	5.030	43	252799	42.832	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	397739	47.265	ug/l	97
20) Methylene Chloride	5.283	84	132622	44.544	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	129819	49.557	ug/l #	84
22) Diisopropyl ether	6.677	45	467802	47.560	ug/l #	87
23) Vinyl Acetate	6.606	43	1519882	234.678	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	252203	46.935	ug/l	97
25) 2-Butanone	7.489	43	522398	233.218	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	212831	49.001	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	149336	46.902	ug/l	85
28) Bromochloromethane	7.824	49	133030	46.670	ug/l #	76
29) Tetrahydrofuran	7.841	42	327755	221.065	ug/l #	71
30) Chloroform	7.971	83	256759	47.829	ug/l	91
31) Cyclohexane	8.259	56	194315	45.794	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	217565	47.530	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	194500	53.460	ug/l	94
37) Ethyl Acetate	7.565	43	201403	49.477	ug/l #	89
38) Carbon Tetrachloride	8.365	117	193028	52.951	ug/l	98
39) Methylcyclohexane	9.606	83	160676	48.020	ug/l #	86
40) Benzene	8.606	78	551676	51.301	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	117151	52.842	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	204021	50.782	ug/l	97
43) Isopropyl Acetate	8.694	43	354160	49.224	ug/l #	86
44) Trichloroethene	9.353	130	133584	52.280	ug/l	95
45) 1,2-Dichloropropane	9.630	63	144848	50.591	ug/l	97
46) Dibromomethane	9.718	93	99494	50.664	ug/l	95
47) Bromodichloromethane	9.894	83	200882	51.803	ug/l	98
48) Methyl methacrylate	9.688	41	165193	50.668	ug/l #	76
49) 1,4-Dioxane	9.700	88	52016	936.669	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1038297	243.317	ug/l #	85
52) Toluene	10.635	92	343132	51.971	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	221704	53.313	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	232589	51.354	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	135503	51.186	ug/l	98
56) Ethyl methacrylate	10.882	69	212066	51.677	ug/l #	71
57) 1,3-Dichloropropane	11.171	76	241937	51.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	450489	228.690	ug/l	90
59) 2-Hexanone	11.200	43	770441	249.271	ug/l	83
60) Dibromochloromethane	11.365	129	147962	53.113	ug/l	99
61) 1,2-Dibromoethane	11.477	107	136182	50.621	ug/l	99
64) Tetrachloroethene	11.106	164	107337	51.538	ug/l	94
65) Chlorobenzene	11.894	112	363922	51.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	140218	52.486	ug/l	97
67) Ethyl Benzene	11.971	91	636013	49.474	ug/l	98
68) m/p-Xylenes	12.077	106	483997	100.698	ug/l	94
69) o-Xylene	12.400	106	241172	51.581	ug/l	96
70) Styrene	12.418	104	398872	51.162	ug/l	97
71) Bromoform	12.582	173	105854	54.501	ug/l #	97
73) Isopropylbenzene	12.700	105	582309	48.449	ug/l	99
74) N-amyl acetate	12.500	43	287724	47.427	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	202219	46.597	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	255369	73.527	ug/l	67
77) Bromobenzene	12.988	156	149028	51.585	ug/l	99
78) n-propylbenzene	13.041	91	672678	48.265	ug/l	100
79) 2-Chlorotoluene	13.129	91	416469	48.172	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	466885	49.019	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	68762	50.576	ug/l #	85
82) 4-Chlorotoluene	13.224	91	419391	49.577	ug/l	100
83) tert-Butylbenzene	13.441	119	374251	46.766	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	467801	49.602	ug/l	99
85) sec-Butylbenzene	13.618	105	509845	46.294	ug/l	99
86) p-Isopropyltoluene	13.735	119	429289	48.788	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	251167	50.524	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	246160	49.472	ug/l	98
89) n-Butylbenzene	14.059	91	347251	47.955	ug/l	100
90) Hexachloroethane	14.335	117	81929	46.450	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	247529	50.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36352	50.716	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	93888	53.572	ug/l	97
94) Hexachlorobutadiene	15.506	225	46868	51.717	ug/l	97
95) Naphthalene	15.641	128	294905	44.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	95147	49.569	ug/l	94

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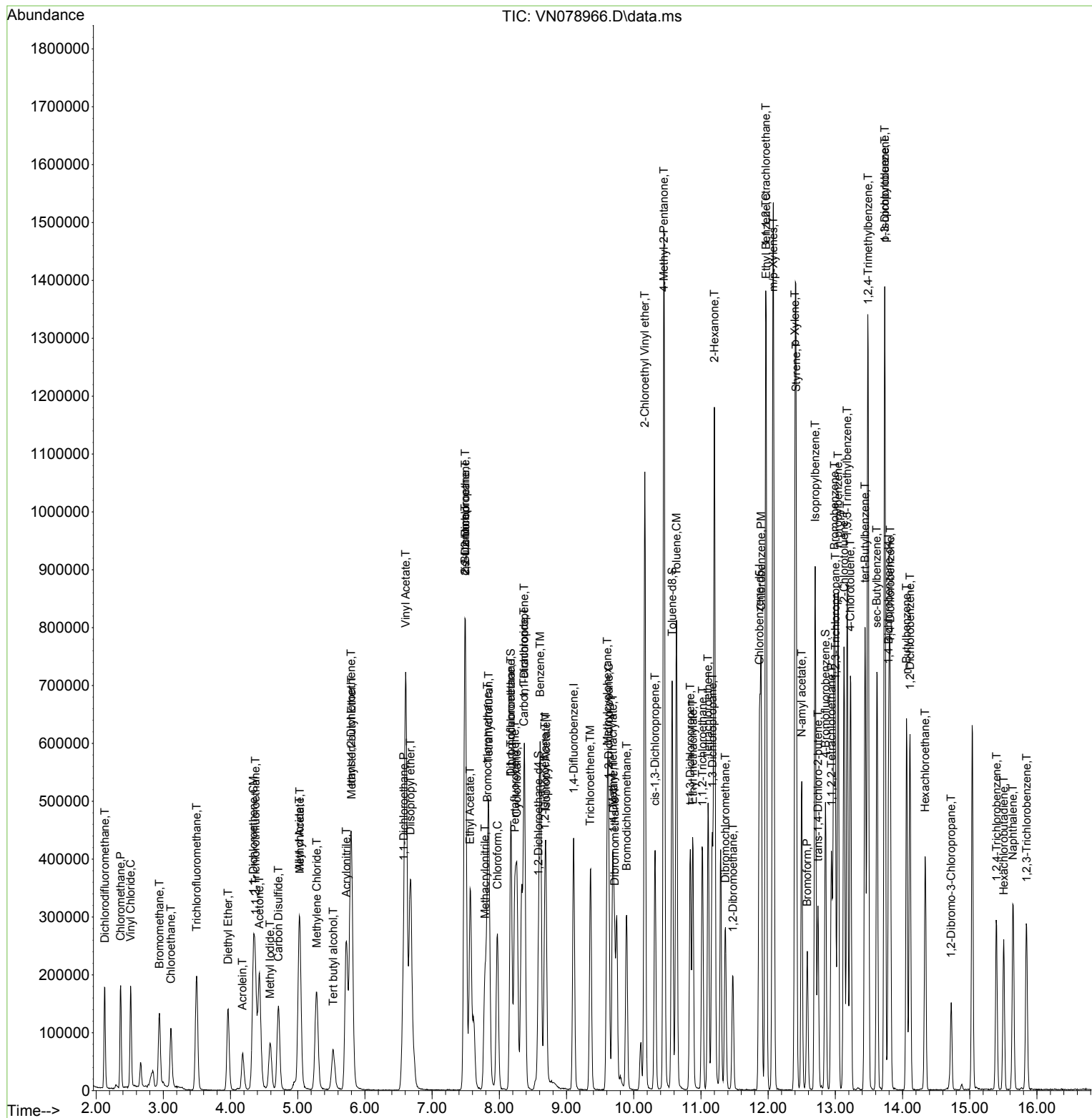
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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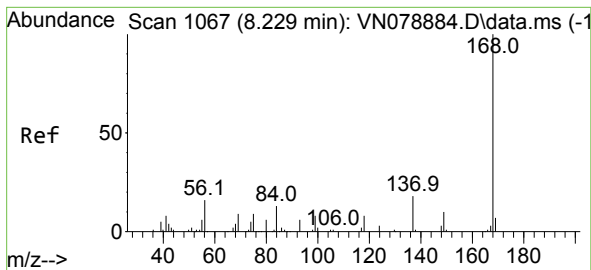
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

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MSVOA_N

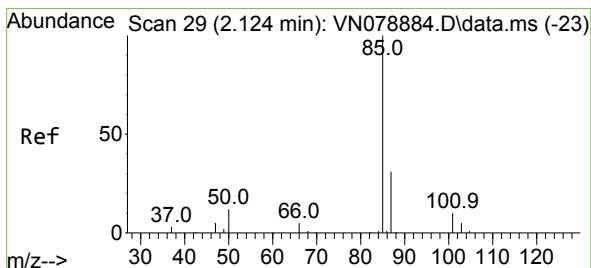
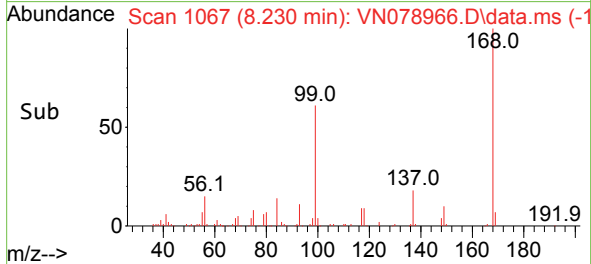
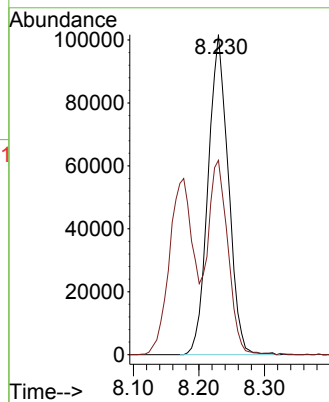
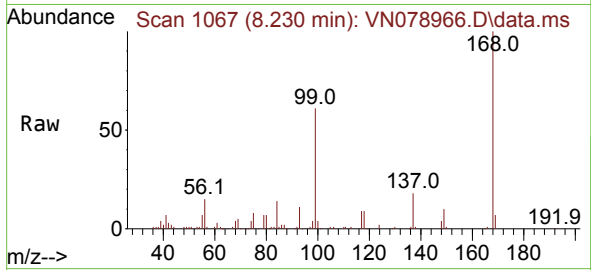
ClientSampleId :

Tgt Ion:168 Resp: 217598

Ion Ratio Lower Upper

168 100

99 60.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 47.570 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN078966.D

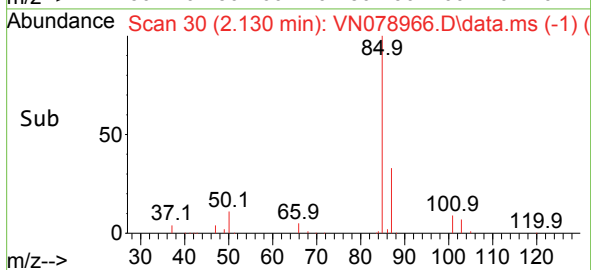
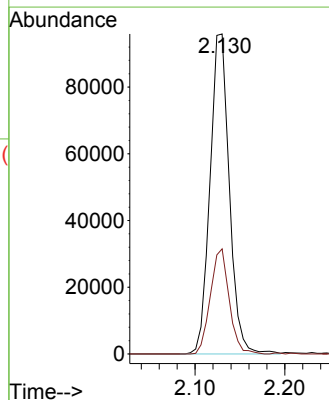
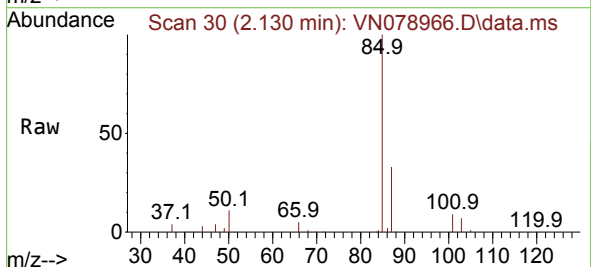
Acq: 21 Aug 2023 11:16

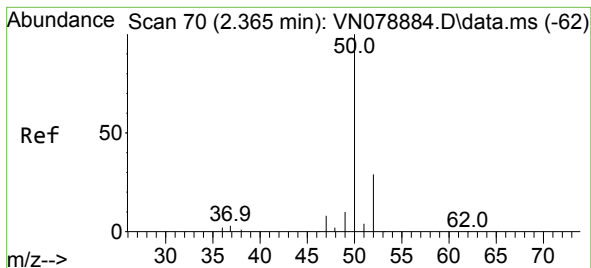
Tgt Ion: 85 Resp: 143626

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4





#3

Chloromethane

Concen: 36.921 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

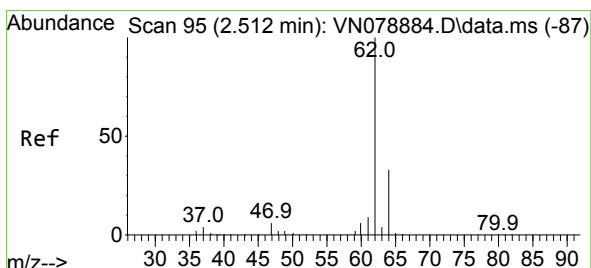
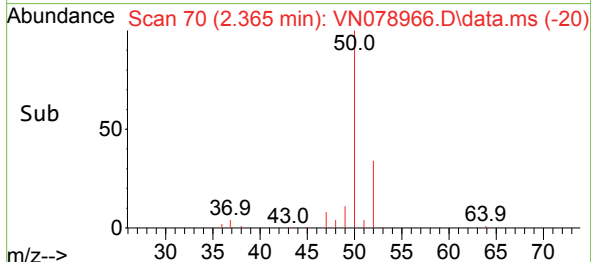
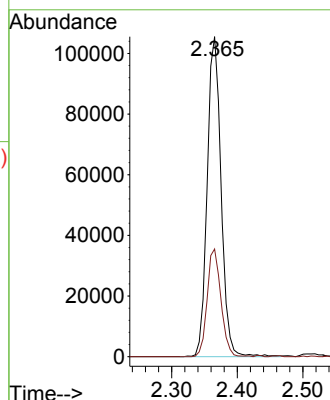
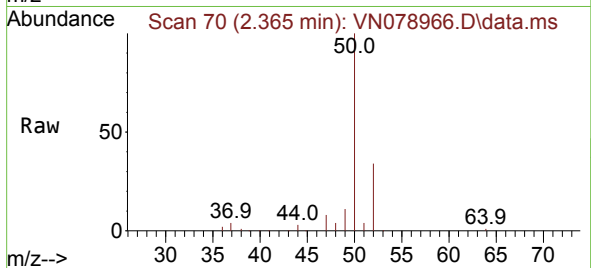
ClientSampleId :

Tgt Ion: 50 Resp: 155639

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



#4

Vinyl Chloride

Concen: 43.754 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078966.D

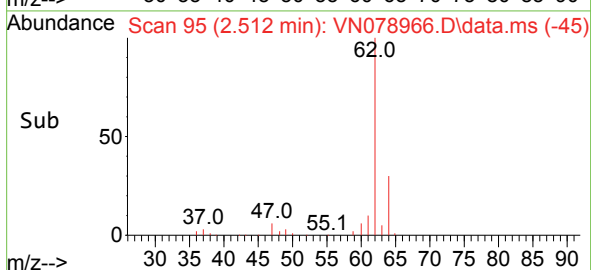
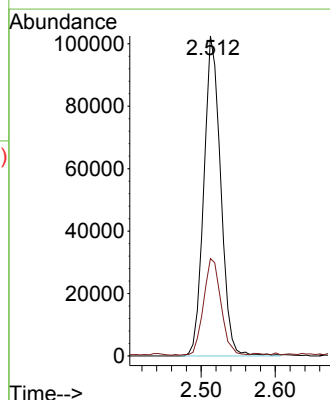
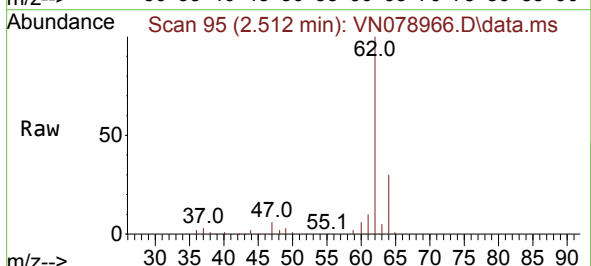
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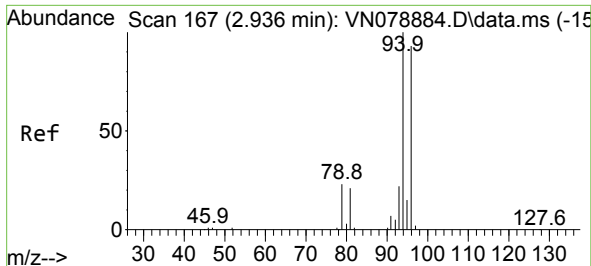
Tgt Ion: 62 Resp: 161758

Ion Ratio Lower Upper

62 100

64 30.2 26.2 39.2

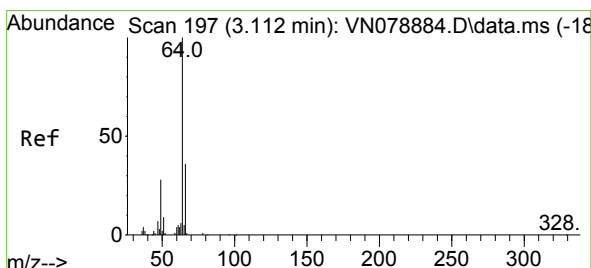
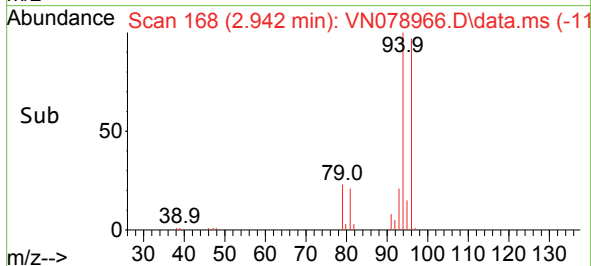
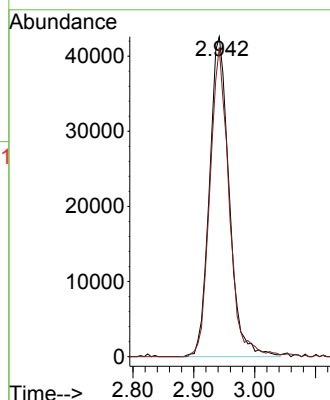
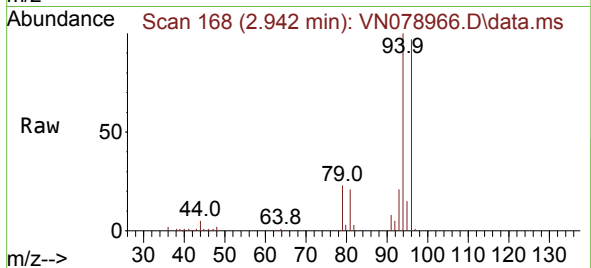




#5
Bromomethane
Concen: 45.188 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
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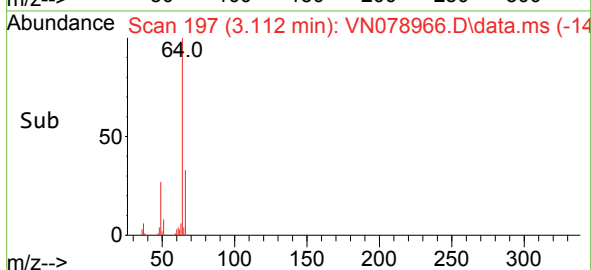
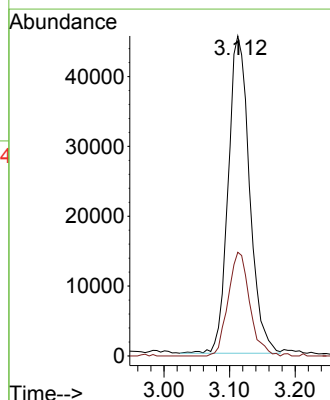
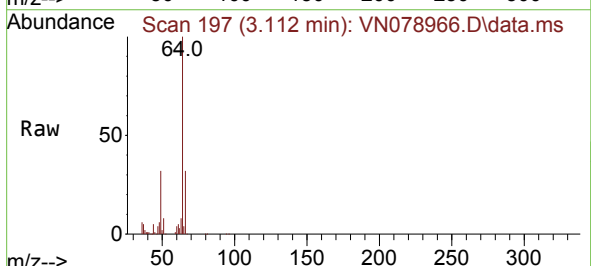
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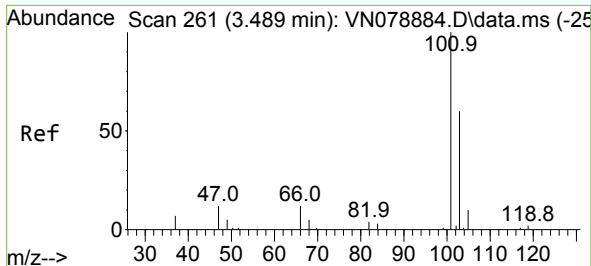
Tgt Ion: 94 Resp: 95914
Ion Ratio Lower Upper
94 100
96 96.6 73.1 109.7



#6
Chloroethane
Concen: 39.713 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078966.D
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Tgt Ion: 64 Resp: 102636
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2

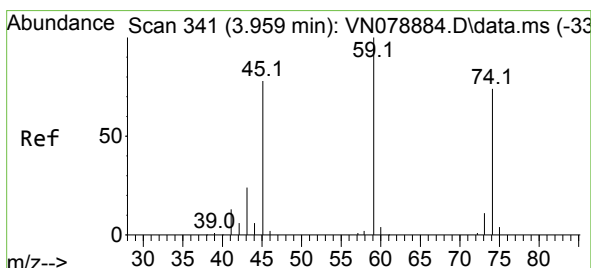
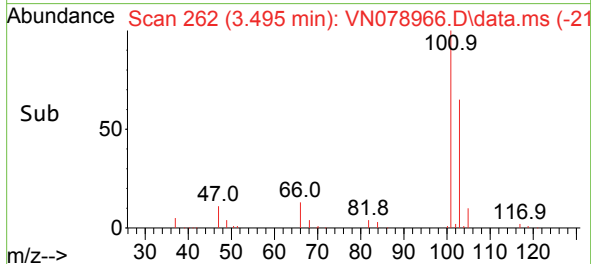
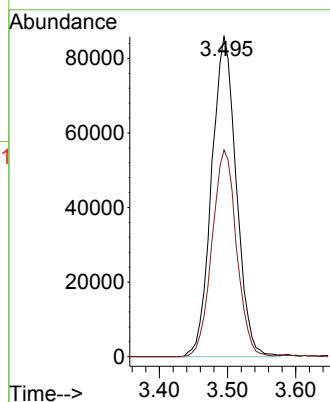
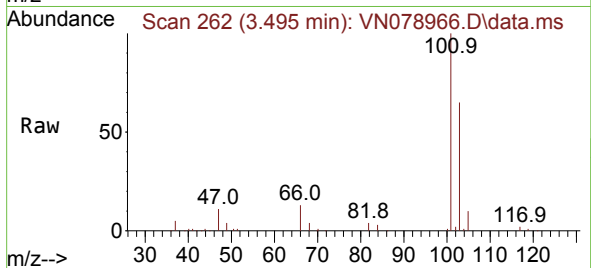




#7
Trichlorofluoromethane
Concen: 48.036 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078966.D
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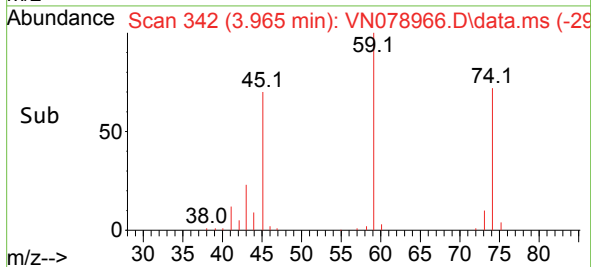
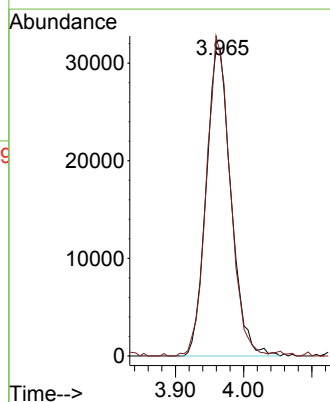
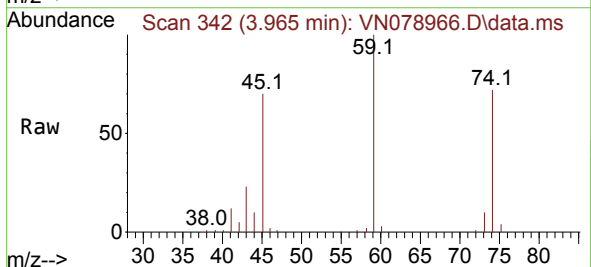
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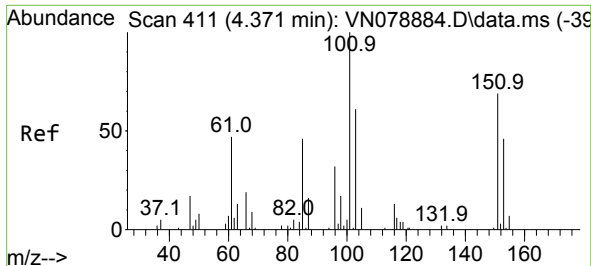
Tgt Ion:101 Resp: 216300
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1



#8
Diethyl Ether
Concen: 46.901 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078966.D
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Tgt Ion: 74 Resp: 80062
Ion Ratio Lower Upper
74 100
45 99.2 34.4 103.3

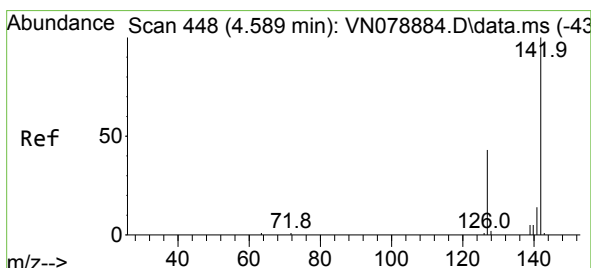
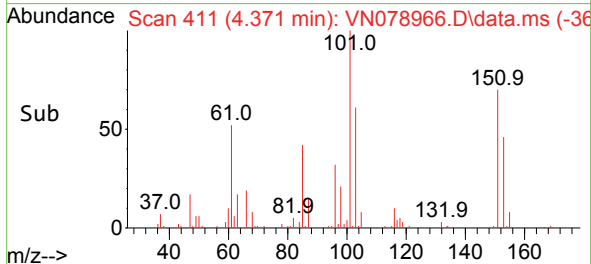
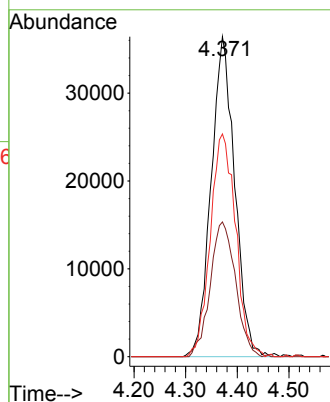
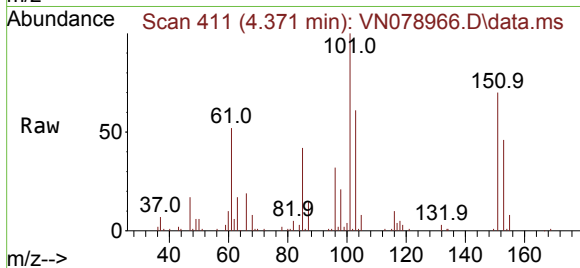




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.197 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

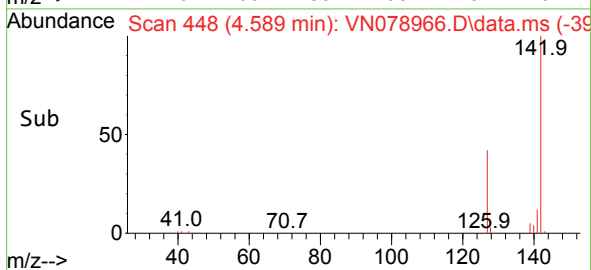
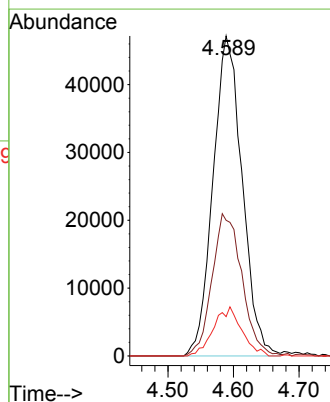
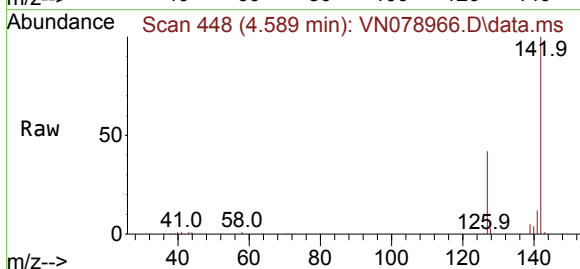
Instrument :
MSVOA_N
ClientSampleId :

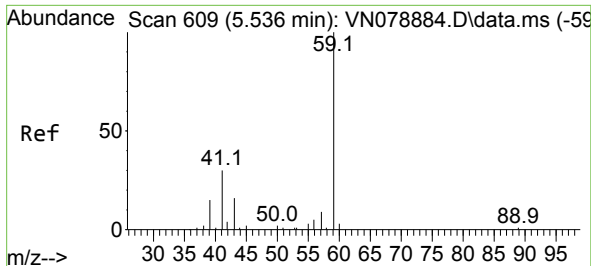
Tgt Ion:101 Resp: 115586
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 54.204 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

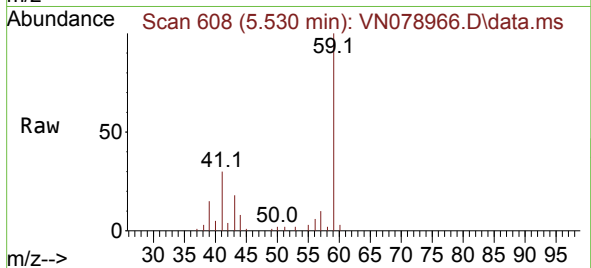
Tgt Ion:142 Resp: 145441
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 12.3 11.4 17.0



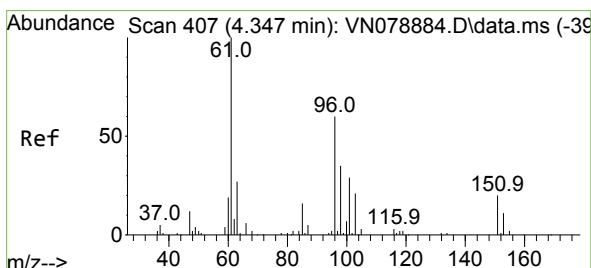
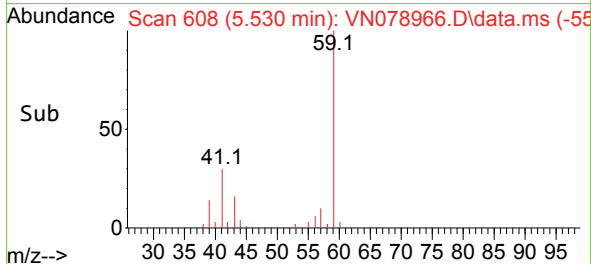
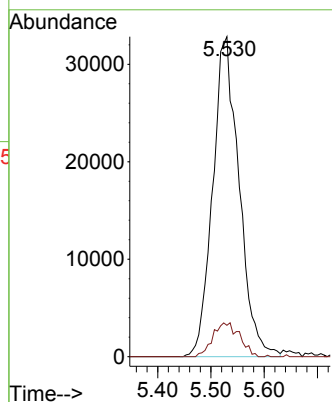


#11
Tert butyl alcohol
Concen: 198.436 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :

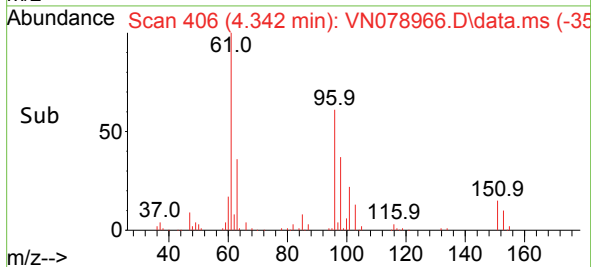
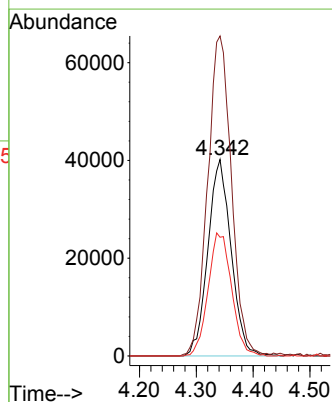
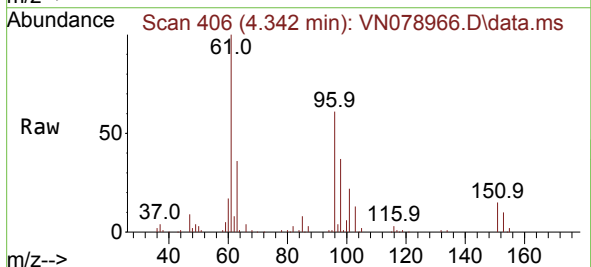


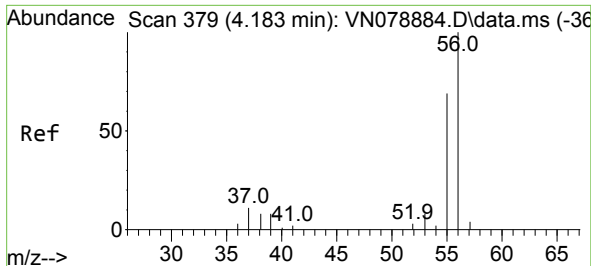
Tgt Ion: 59 Resp: 112747
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.851 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 96 Resp: 114119
Ion Ratio Lower Upper
96 100
61 162.9 112.7 169.1
98 60.4 51.2 76.8





#13

Acrolein

Concen: 257.545 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.018 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

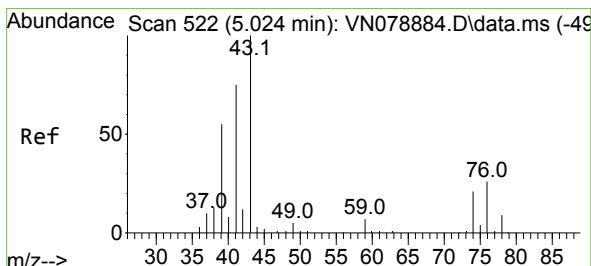
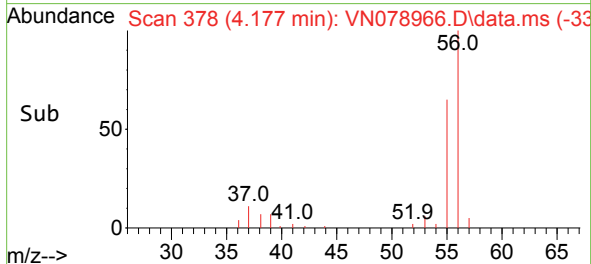
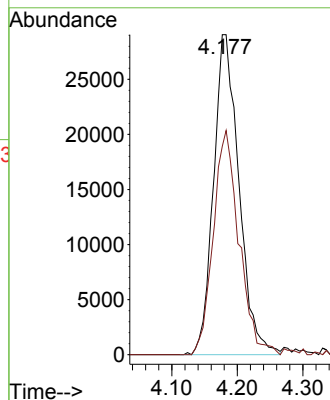
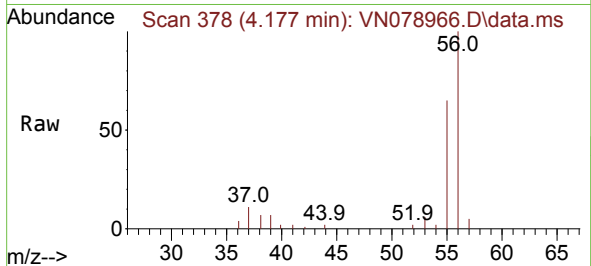
ClientSampleId :

Tgt Ion: 56 Resp: 78239

Ion Ratio Lower Upper

56 100

55 70.8 54.5 81.7



#14

Allyl chloride

Concen: 43.792 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

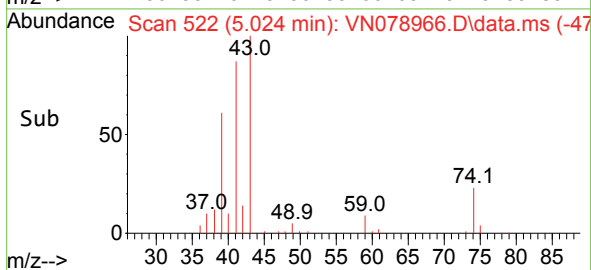
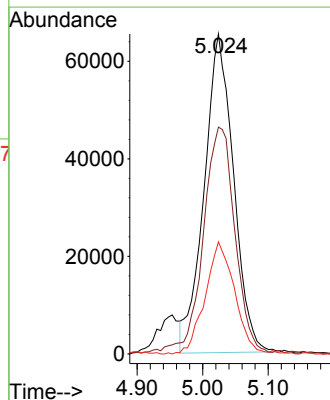
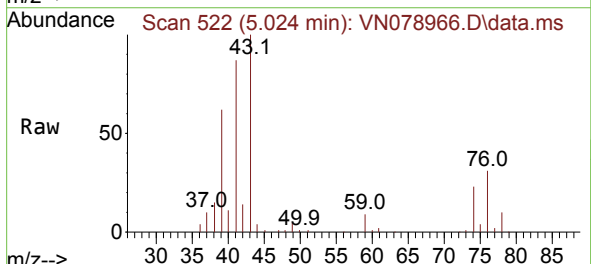
Tgt Ion: 41 Resp: 203612

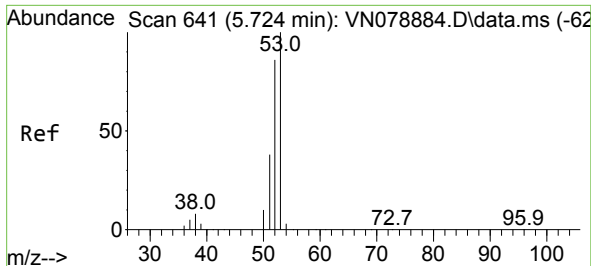
Ion Ratio Lower Upper

41 100

39 77.6 58.8 88.2

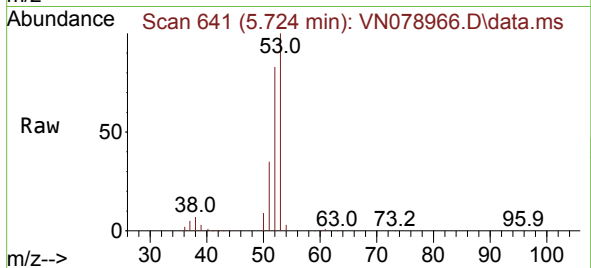
76 35.2 39.1 58.7#



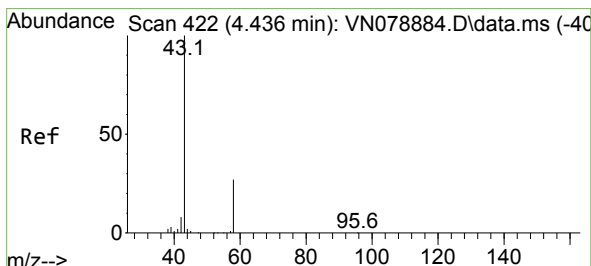
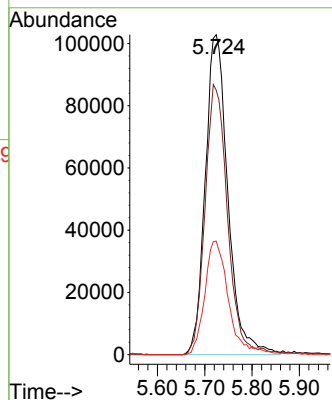
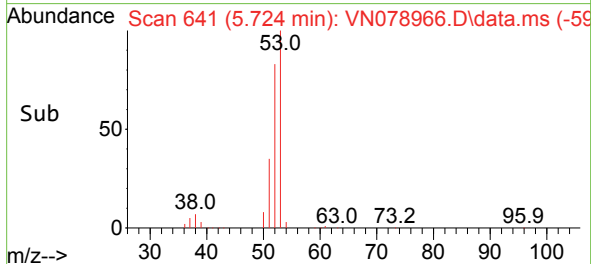


#15
Acrylonitrile
Concen: 222.075 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :

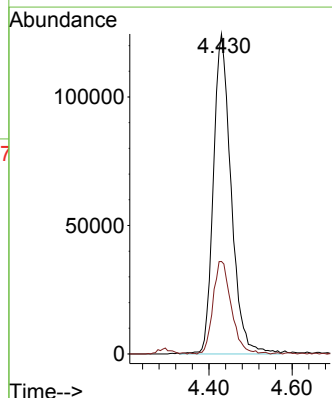
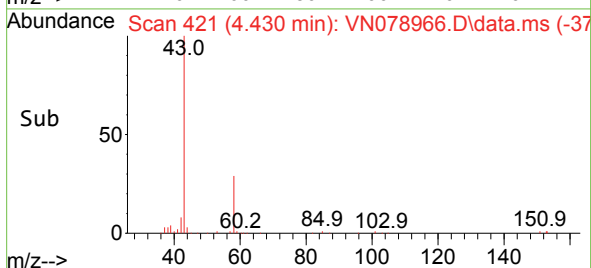
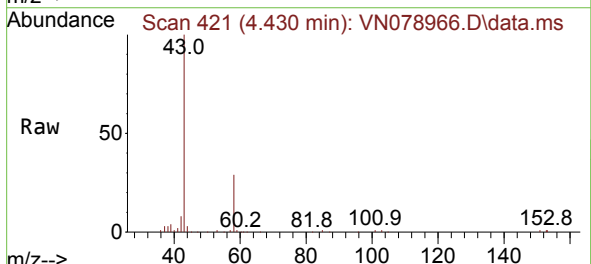


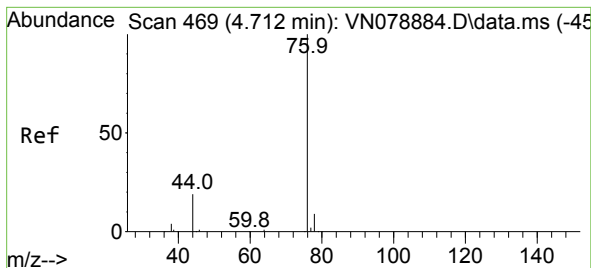
Tgt Ion: 53 Resp: 341824
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.3 28.9 43.3



#16
Acetone
Concen: 263.912 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 43 Resp: 368717
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0





#17

Carbon Disulfide

Concen: 48.785 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

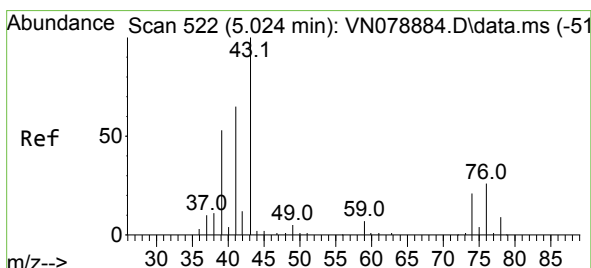
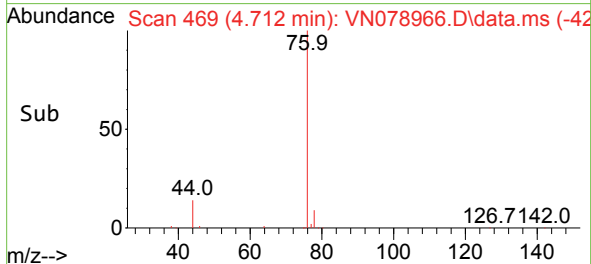
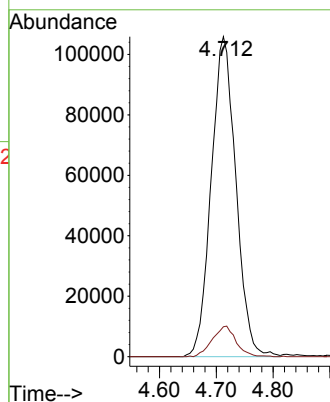
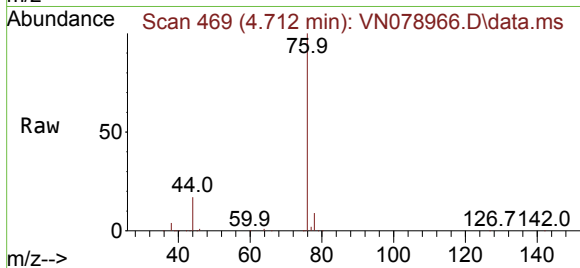
ClientSampleId :

Tgt Ion: 76 Resp: 319013

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 42.832 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.012 min

Lab File: VN078966.D

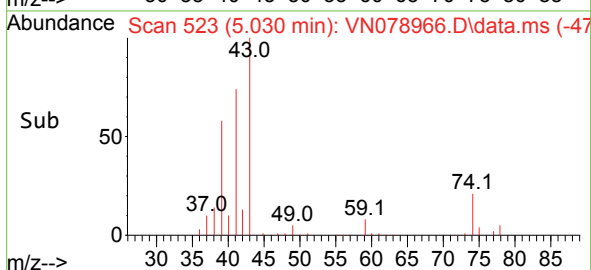
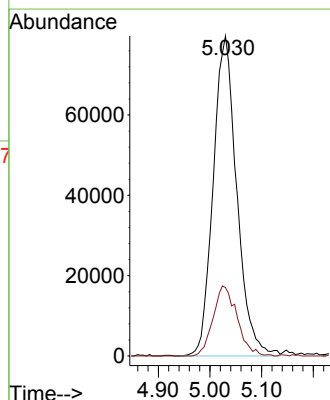
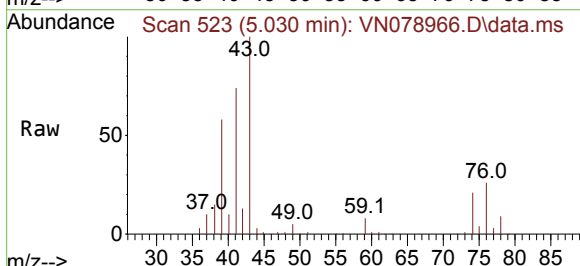
Acq: 21 Aug 2023 11:16

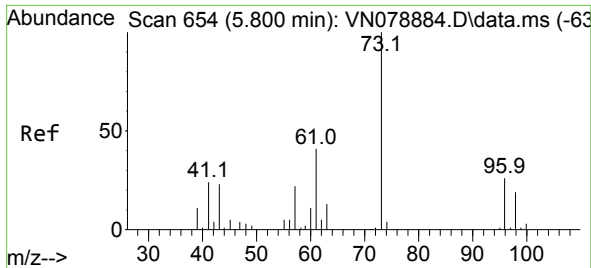
Tgt Ion: 43 Resp: 252799

Ion Ratio Lower Upper

43 100

74 22.3 26.2 39.4#

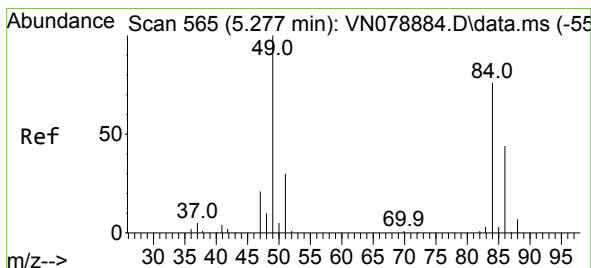
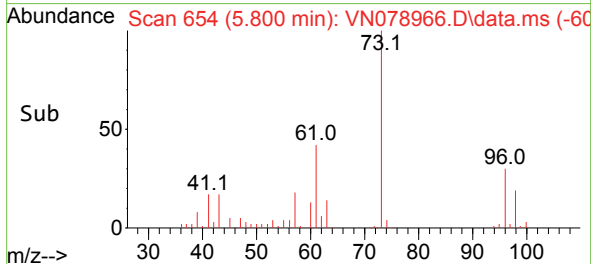
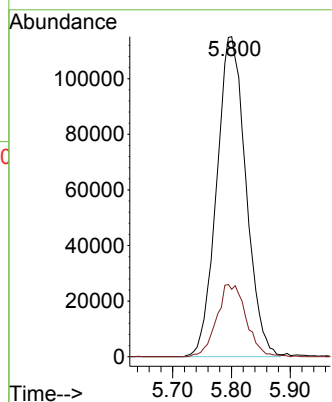
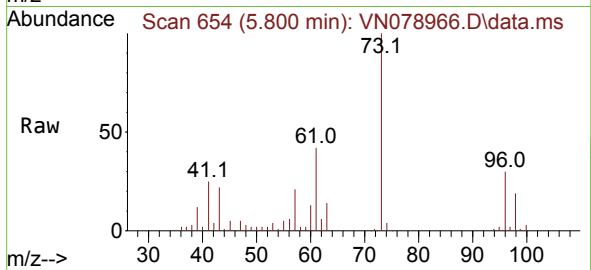




#19
Methyl tert-butyl Ether
Concen: 47.265 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

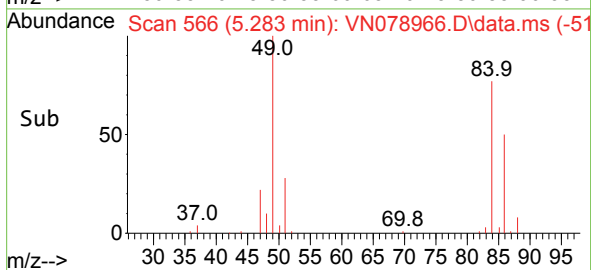
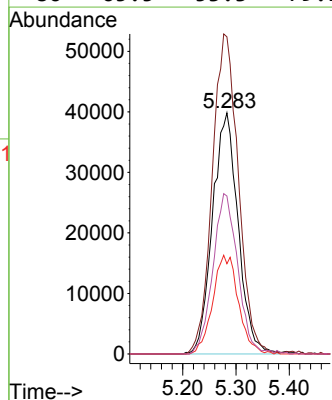
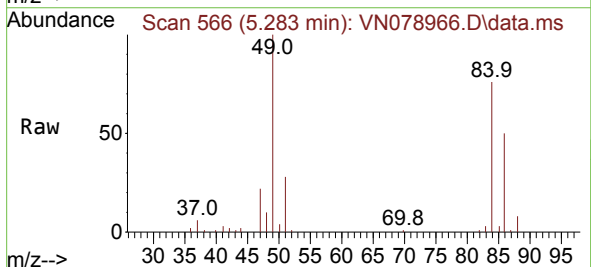
Instrument :
MSVOA_N
ClientSampleId :

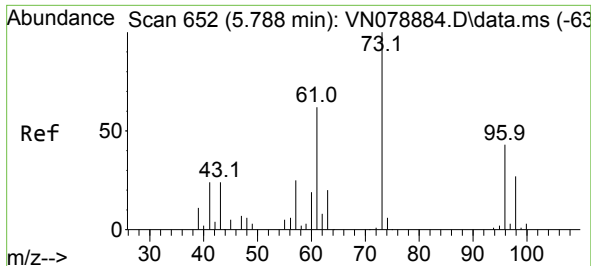
Tgt Ion: 73 Resp: 397739
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 44.544 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

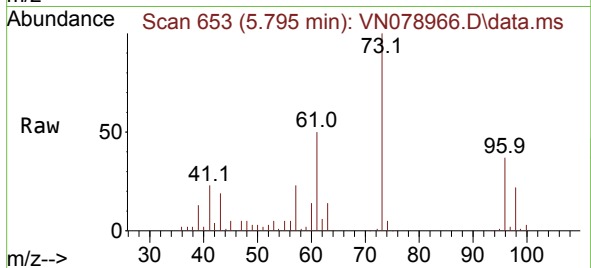
Tgt Ion: 84 Resp: 132622
Ion Ratio Lower Upper
84 100
49 131.5 79.7 119.5#
51 37.4 25.2 37.8
86 65.5 53.3 79.9



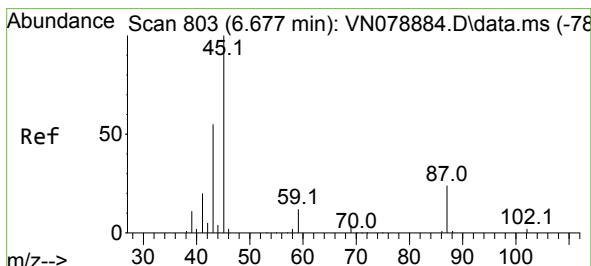
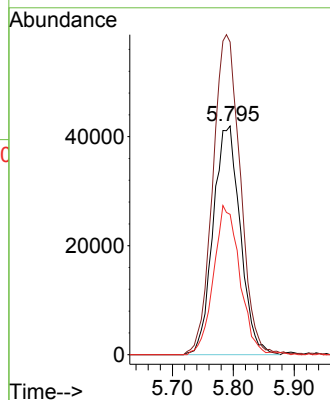
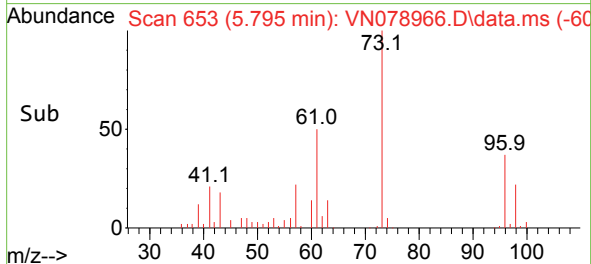


#21
trans-1,2-Dichloroethene
Concen: 49.557 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

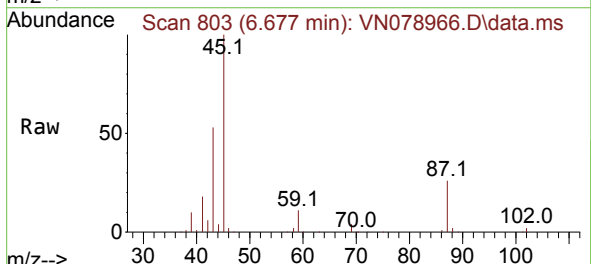
Instrument :
MSVOA_N
ClientSampleId :



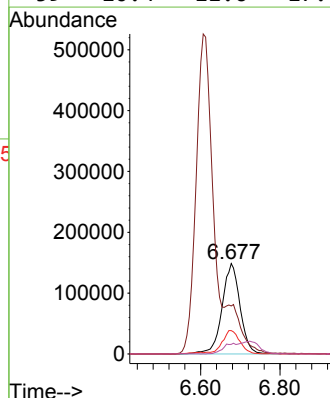
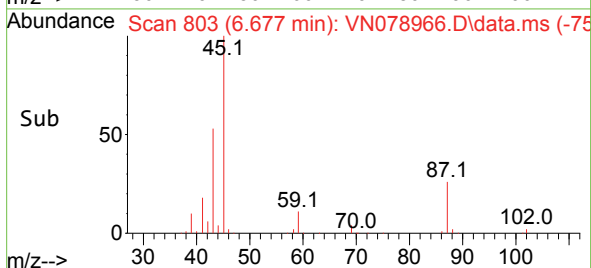
Tgt Ion: 96 Resp: 129819
Ion Ratio Lower Upper
96 100
61 136.7 90.1 135.1#
98 61.4 46.4 69.6

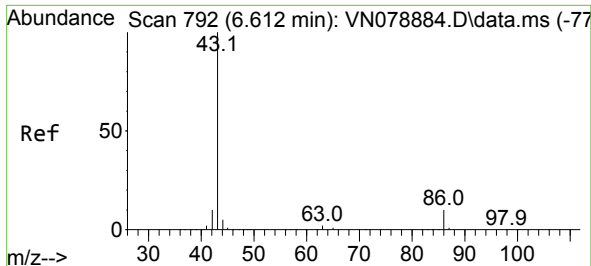


#22
Diisopropyl ether
Concen: 47.560 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16



Tgt Ion: 45 Resp: 467802
Ion Ratio Lower Upper
45 100
43 52.1 45.5 68.3
87 25.8 31.8 47.8#
59 10.4 11.6 17.4#

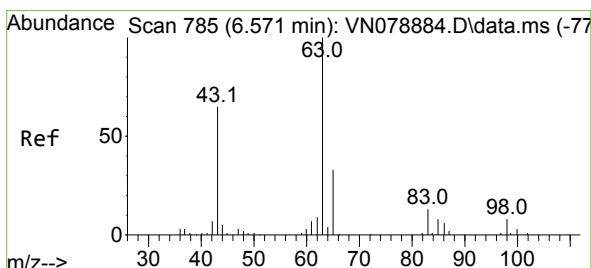
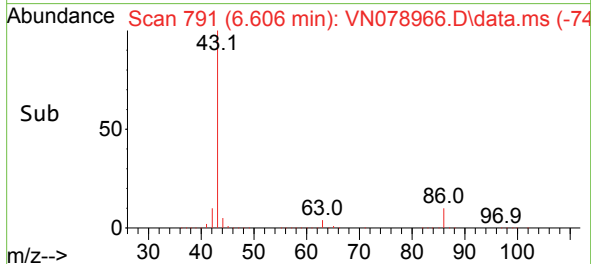
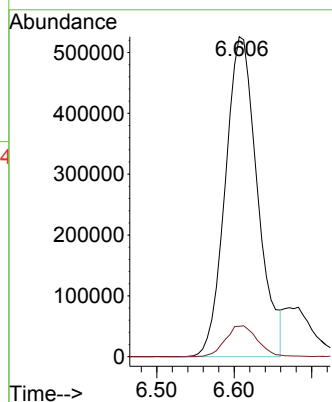
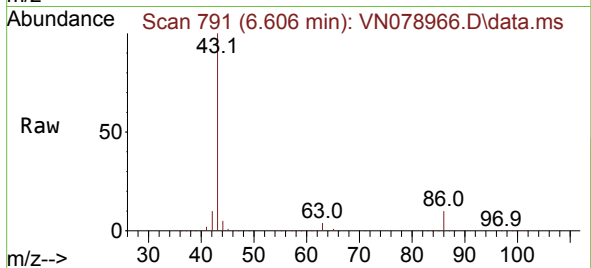




#23
 Vinyl Acetate
 Concen: 234.678 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

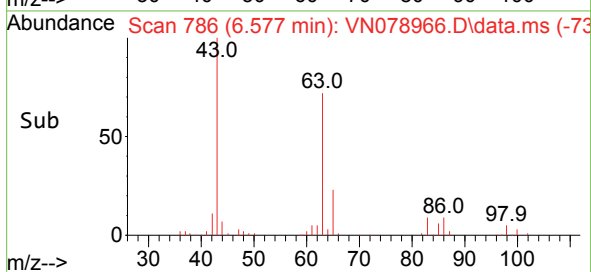
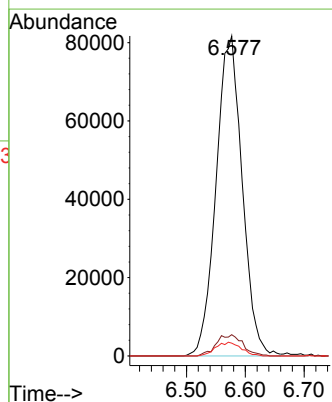
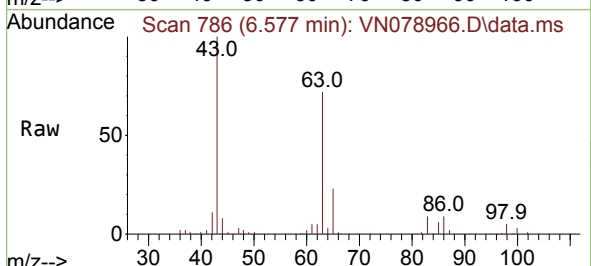
Instrument :
 MSVOA_N
 ClientSampleId :

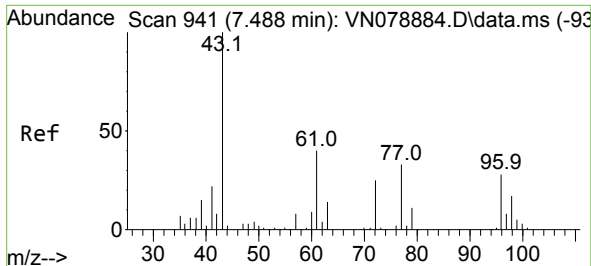
Tgt Ion: 43 Resp: 1519882
 Ion Ratio Lower Upper
 43 100
 86 9.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.935 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

Tgt Ion: 63 Resp: 252203
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.0 2.5 7.4

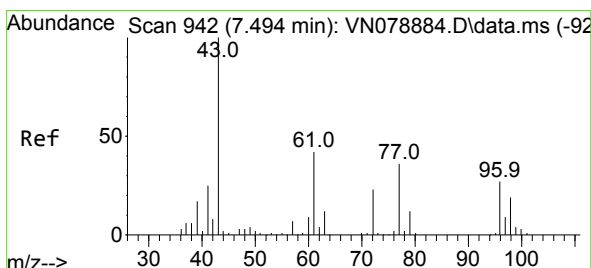
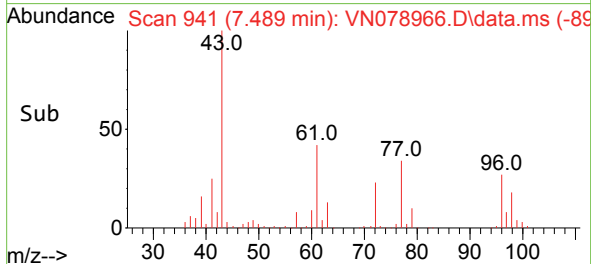
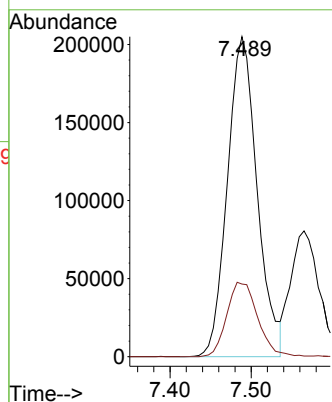
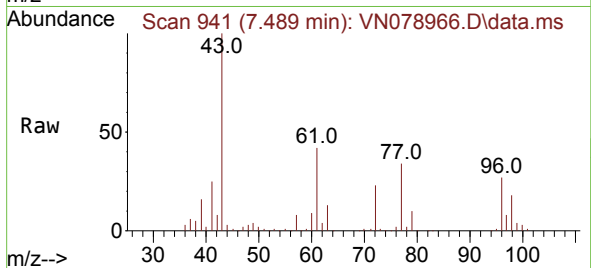




#25
2-Butanone
Concen: 233.218 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

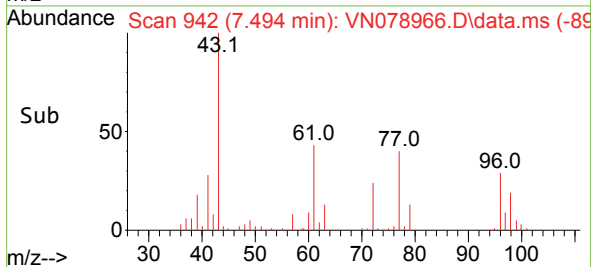
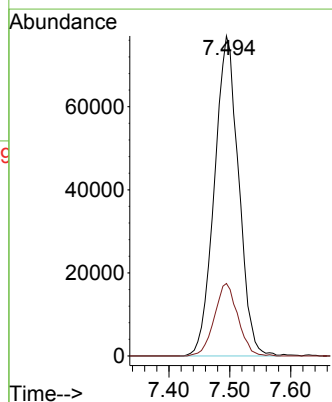
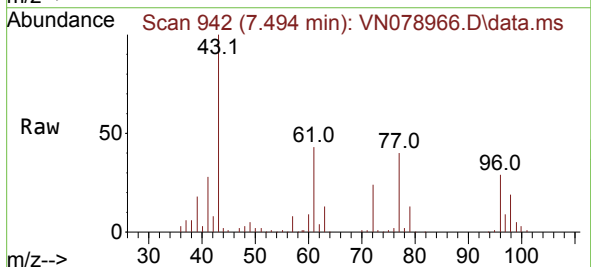
Instrument :
MSVOA_N
ClientSampleId :

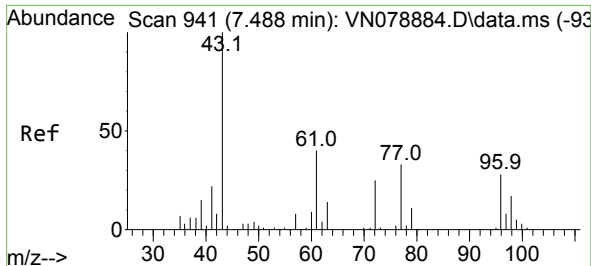
Tgt Ion: 43 Resp: 522398
Ion Ratio Lower Upper
43 100
72 22.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.001 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 77 Resp: 212831
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.902 ug/l

RT: 7.494 min Scan# 941

Delta R.T. -0.006 min

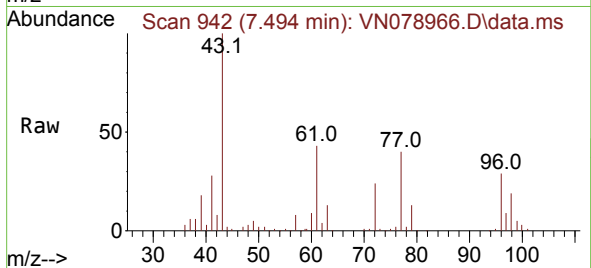
Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :



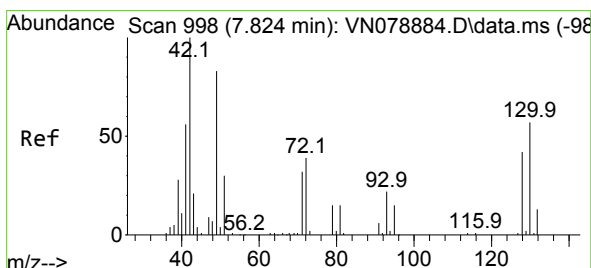
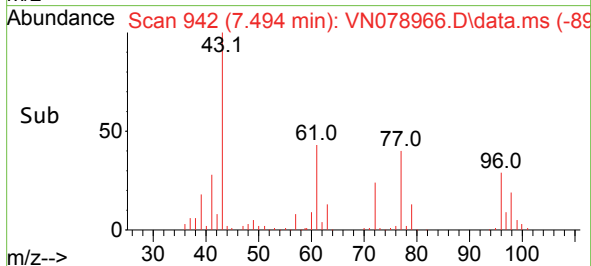
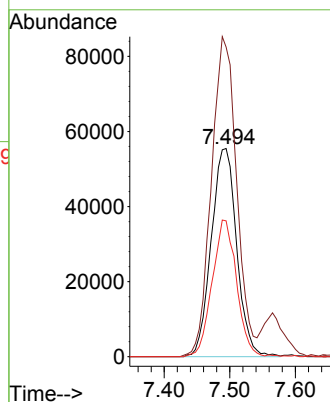
Tgt Ion: 96 Resp: 149336

Ion Ratio Lower Upper

96 100

61 152.7 0.0 255.2

98 62.8 0.0 128.8



#28

Bromochloromethane

Concen: 46.670 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

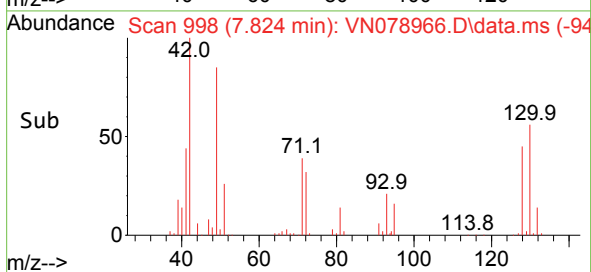
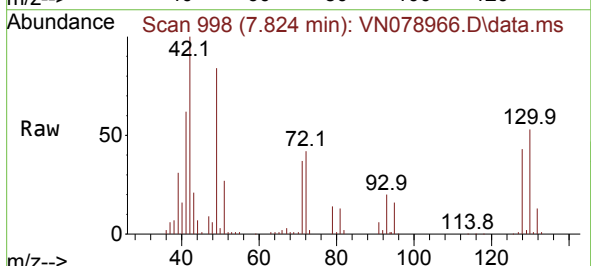
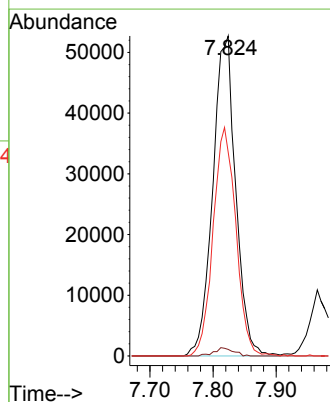
Tgt Ion: 49 Resp: 133030

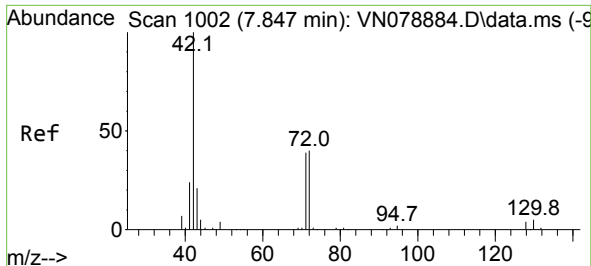
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

130 70.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 221.065 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

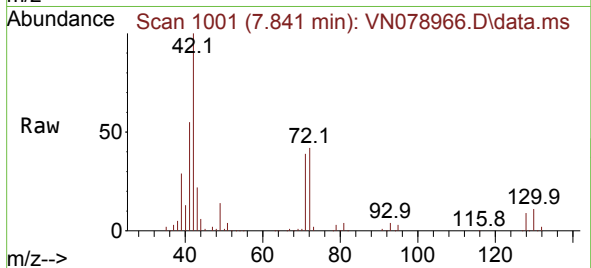
Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :



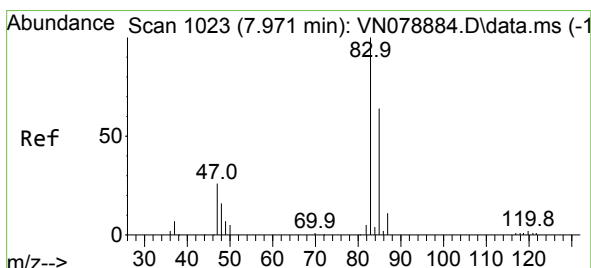
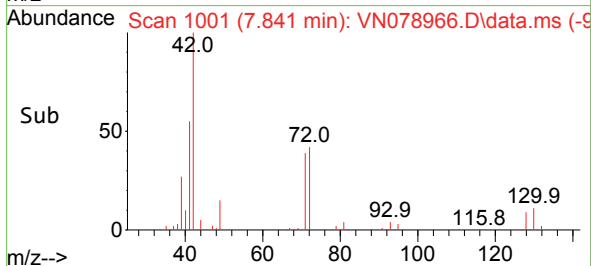
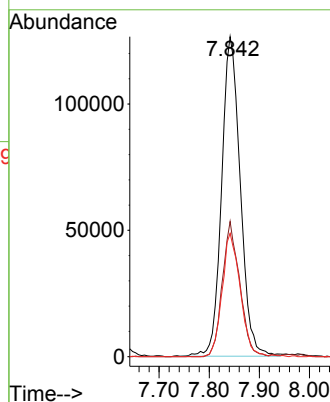
Tgt Ion: 42 Resp: 327755

Ion Ratio Lower Upper

42 100

72 39.3 49.8 74.6#

71 37.3 47.4 71.2#



#30

Chloroform

Concen: 47.829 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078966.D

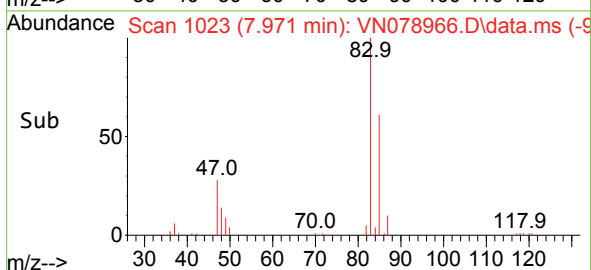
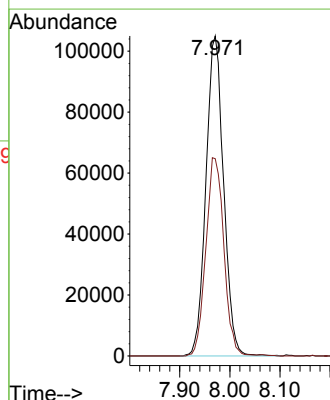
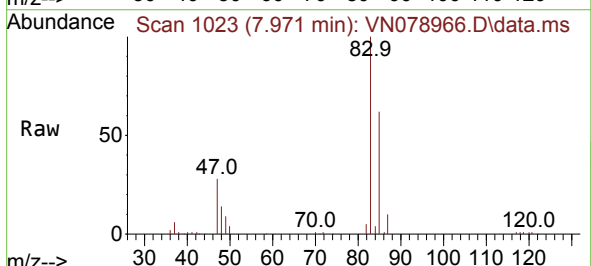
Acq: 21 Aug 2023 11:16

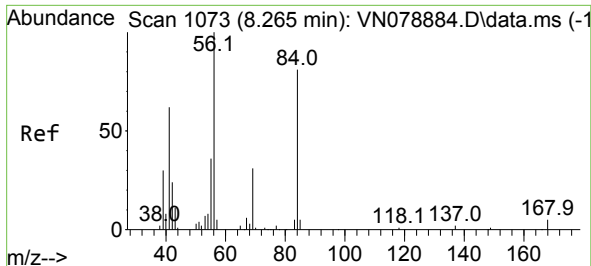
Tgt Ion: 83 Resp: 256759

Ion Ratio Lower Upper

83 100

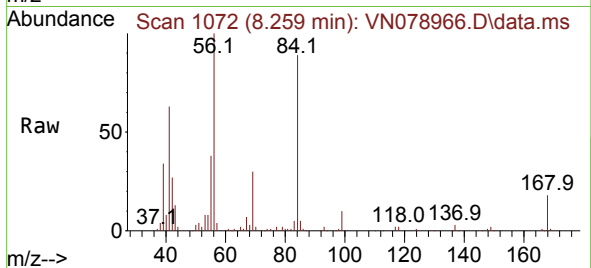
85 61.7 55.4 83.0



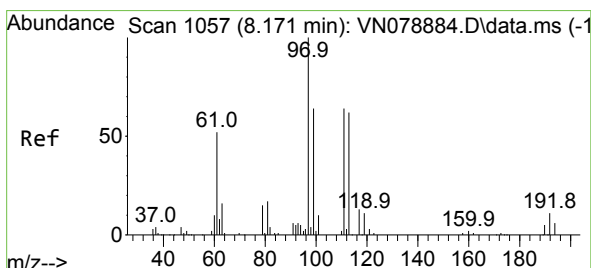
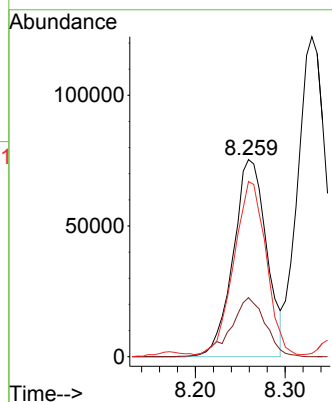
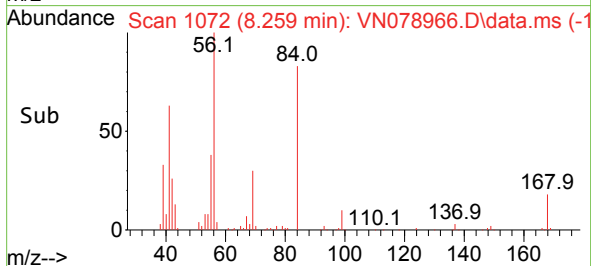


#31
Cyclohexane
Concen: 45.794 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :

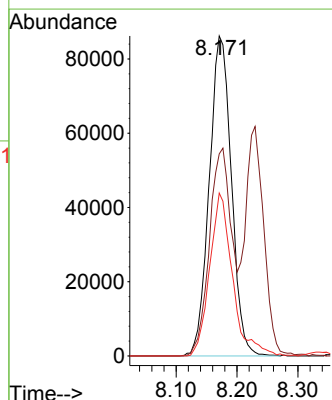
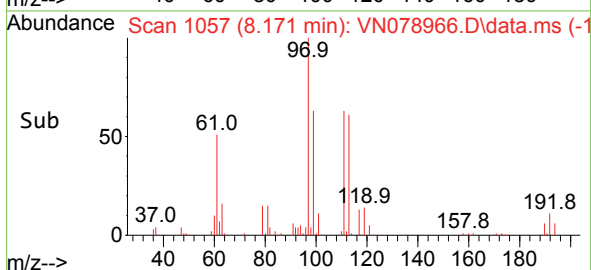
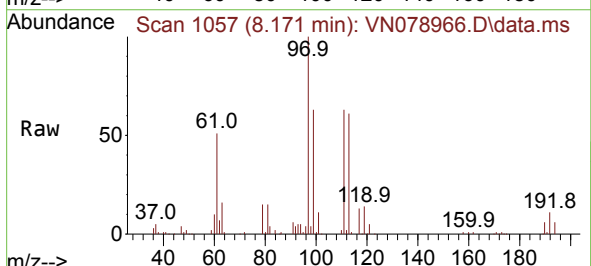


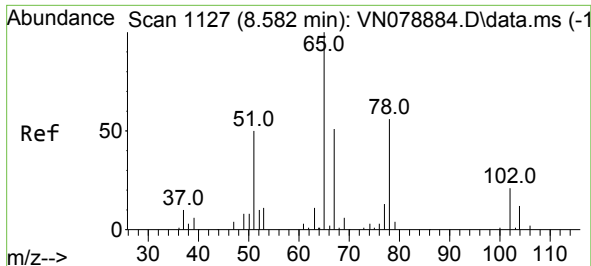
Tgt Ion: 56 Resp: 194315
Ion Ratio Lower Upper
56 100
69 29.4 26.8 40.2
84 87.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 47.530 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 97 Resp: 217565
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 52.8 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 46.222 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

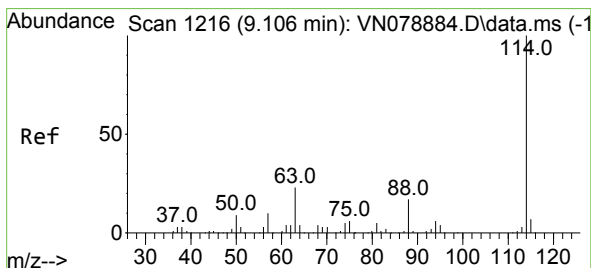
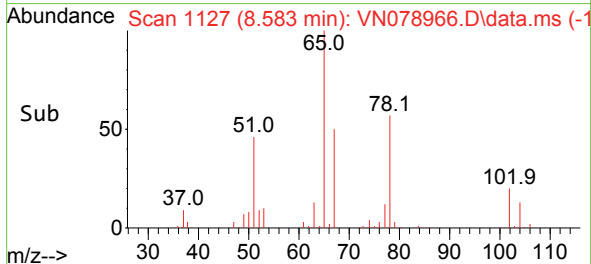
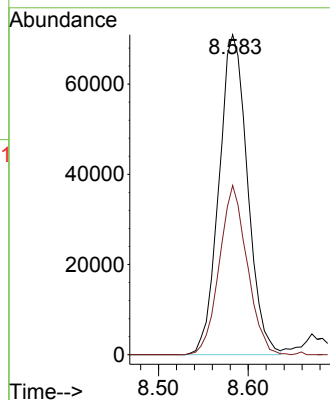
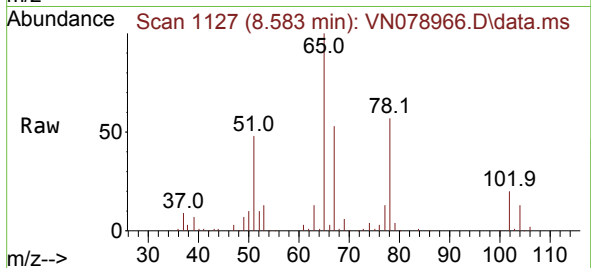
ClientSampleId :

Tgt Ion: 65 Resp: 156507

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

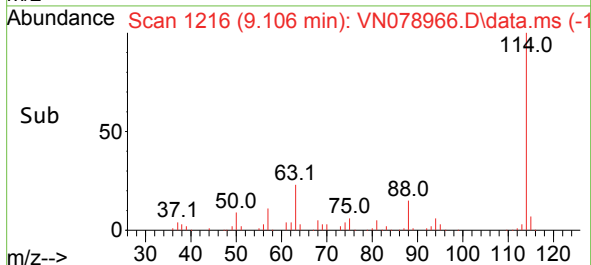
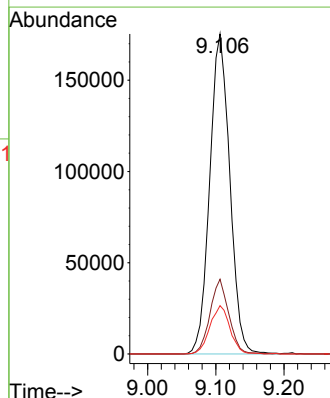
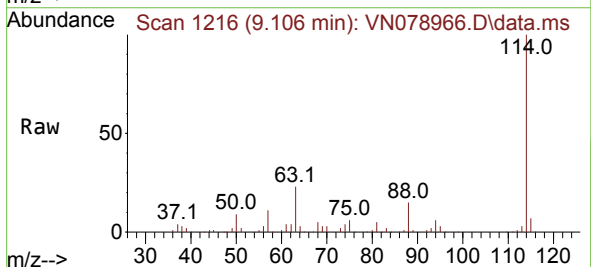
Tgt Ion: 114 Resp: 359298

Ion Ratio Lower Upper

114 100

63 23.4 0.0 36.4

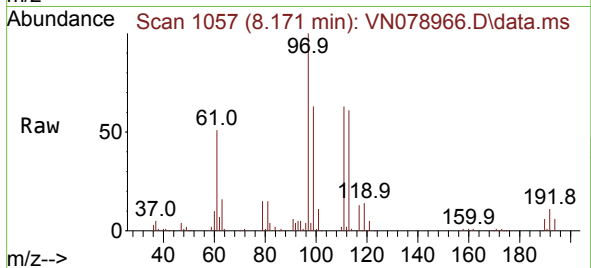
88 15.1 0.0 30.6



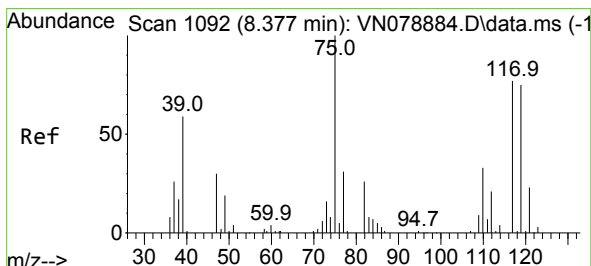
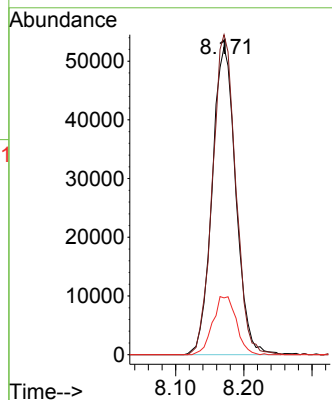
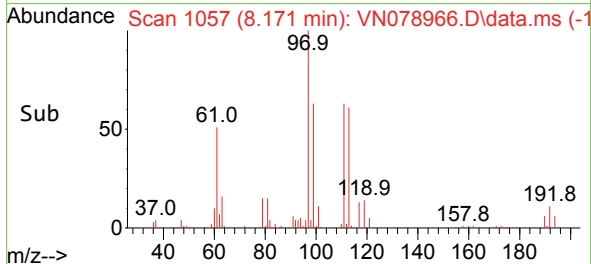


#35
Dibromofluoromethane
Concen: 52.460 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

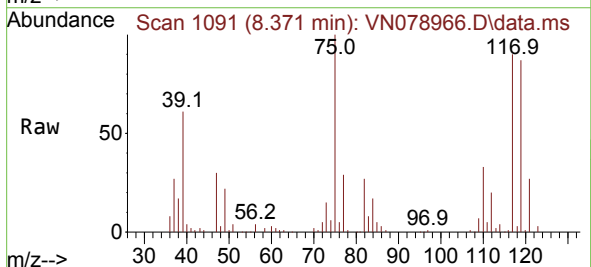
Instrument :
MSVOA_N
ClientSampleId :



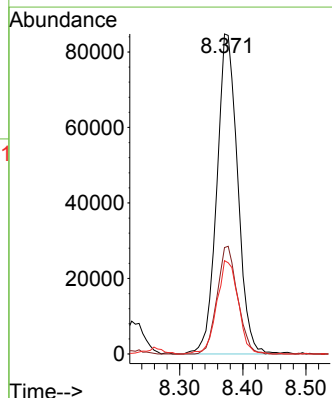
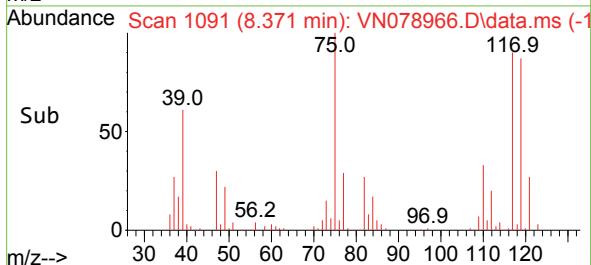
Tgt Ion:113 Resp: 126880
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.8 12.7 19.1

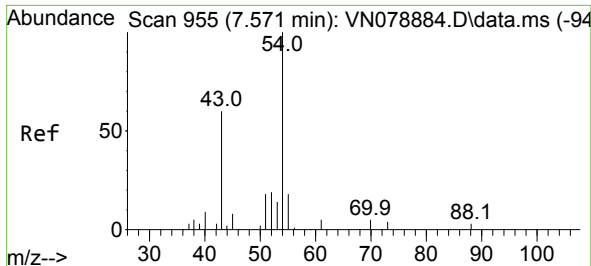


#36
1,1-Dichloropropene
Concen: 53.460 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16



Tgt Ion: 75 Resp: 194500
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 29.8 25.0 37.4

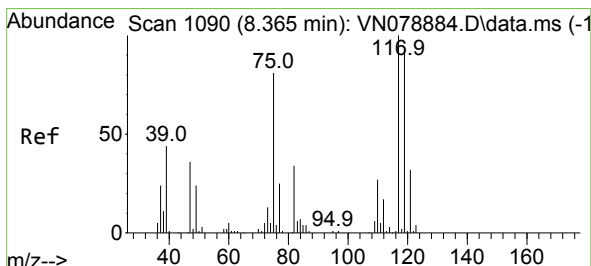
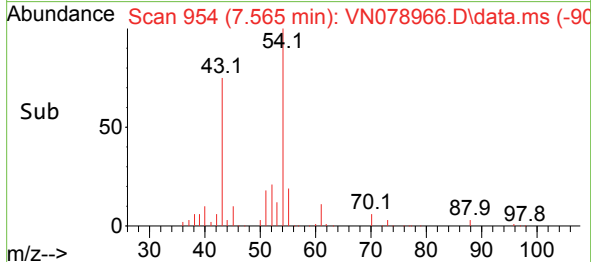
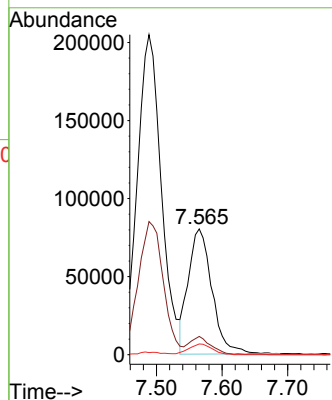
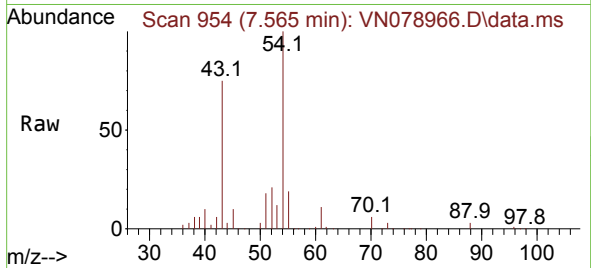




#37
Ethyl Acetate
Concen: 49.477 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

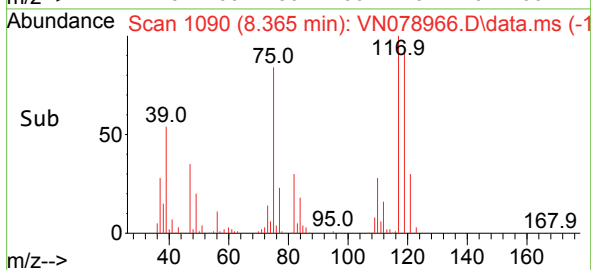
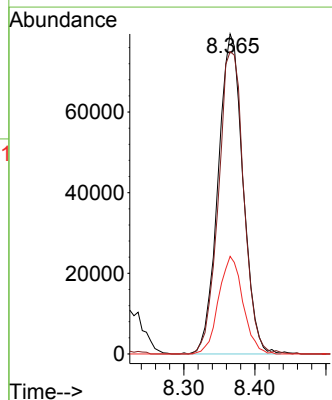
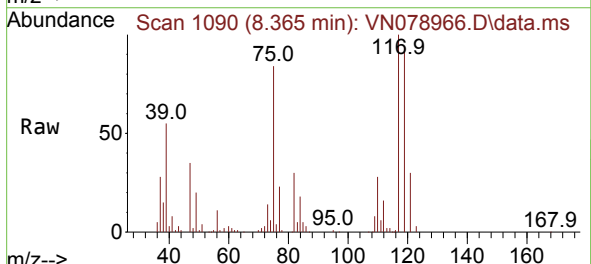
Instrument :
MSVOA_N
ClientSampleId :

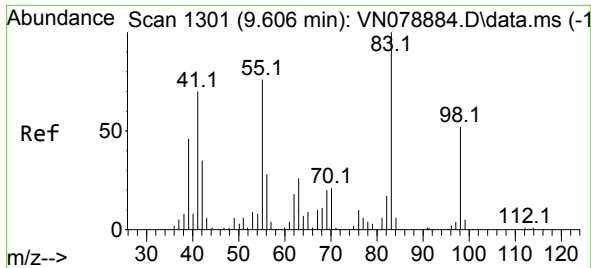
Tgt Ion: 43 Resp: 201403
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8#
70 8.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 52.951 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 117 Resp: 193028
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 30.5 23.3 34.9

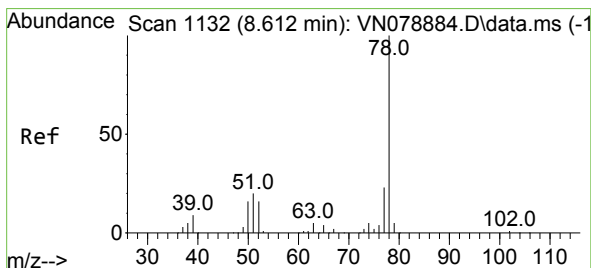
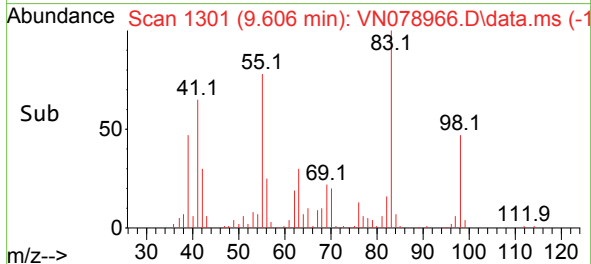
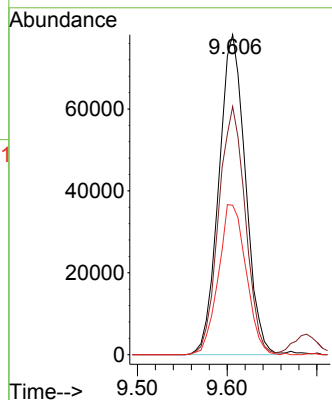
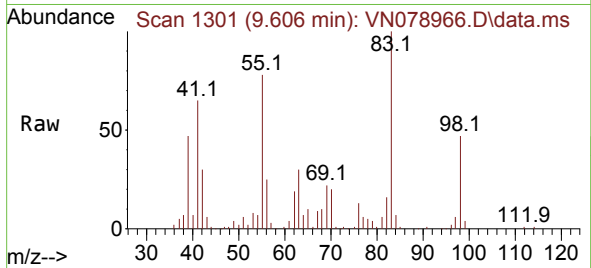




#39
Methylcyclohexane
Concen: 48.020 ug/l
RT: 9.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

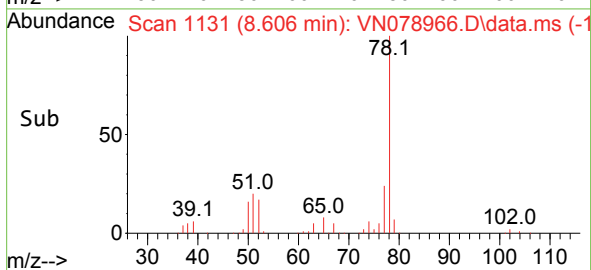
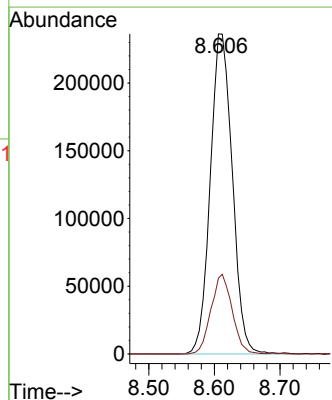
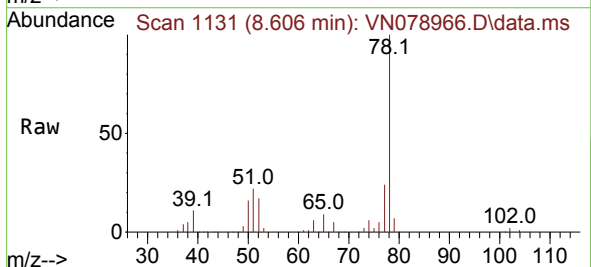
Instrument :
MSVOA_N
ClientSampleId :

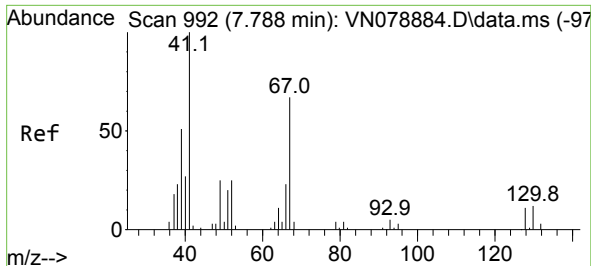
Tgt Ion: 83 Resp: 160676
Ion Ratio Lower Upper
83 100
55 77.6 49.1 73.7#
98 46.7 40.6 61.0



#40
Benzene
Concen: 51.301 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 78 Resp: 551676
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

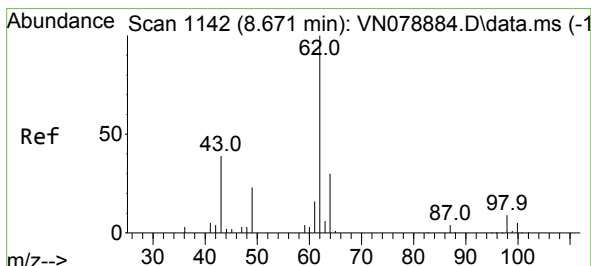
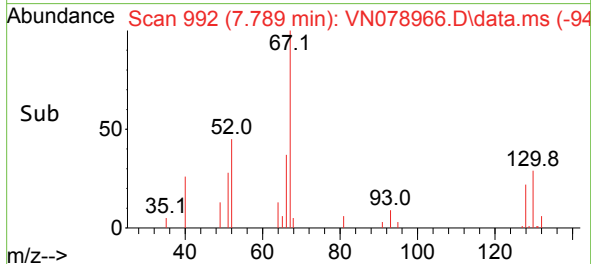
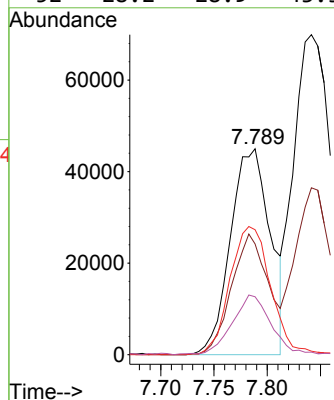
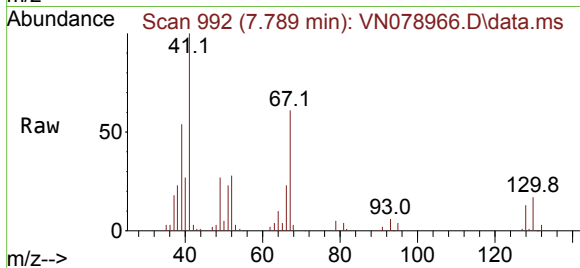




#41
Methacrylonitrile
Concen: 52.842 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

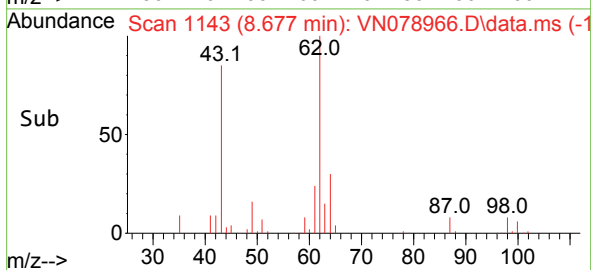
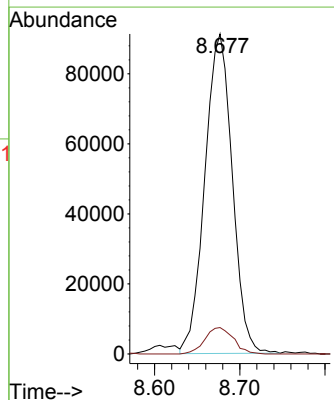
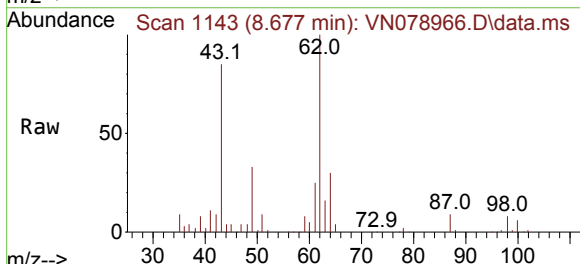
Instrument :
MSVOA_N
ClientSampleId :

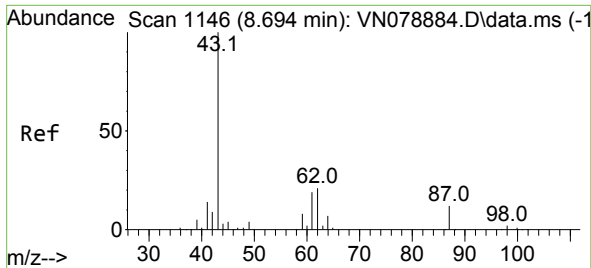
Tgt Ion:	41	Resp:	117151
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.6	64.0
67	63.5	77.5	116.3#
52	28.2	28.9	43.3#



#42
1,2-Dichloroethane
Concen: 50.782 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:	62	Resp:	204021
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

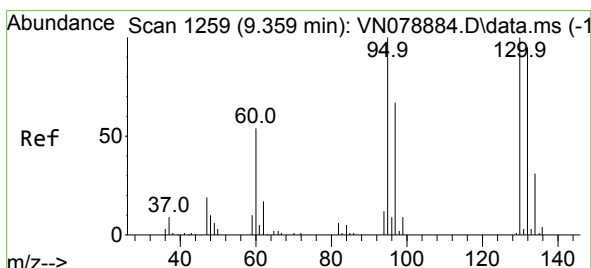
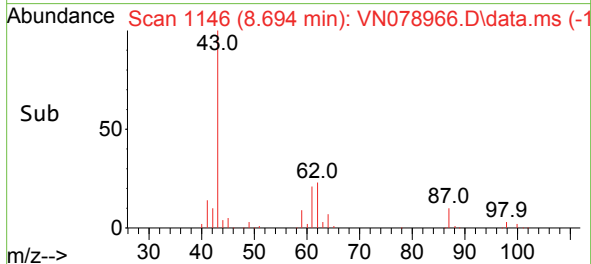
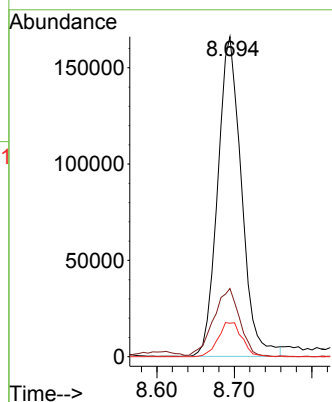
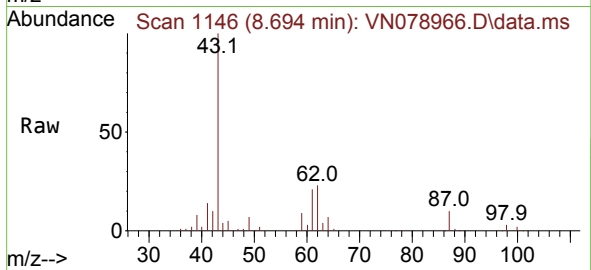




#43
Isopropyl Acetate
Concen: 49.224 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

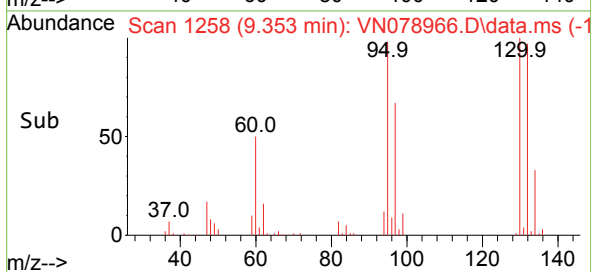
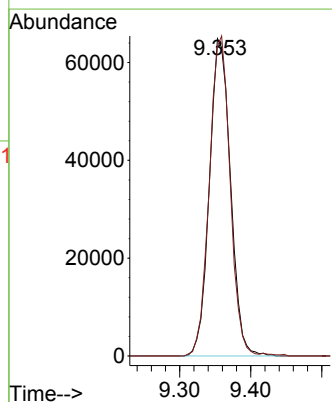
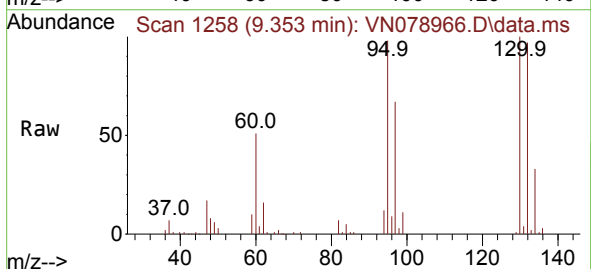
Instrument :
MSVOA_N
ClientSampleId :

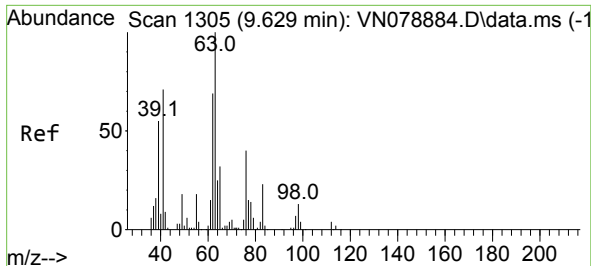
Tgt Ion: 43 Resp: 354160
Ion Ratio Lower Upper
43 100
61 23.6 24.7 37.1#
87 10.9 14.6 21.8#



#44
Trichloroethene
Concen: 52.280 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:130 Resp: 133584
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.591 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

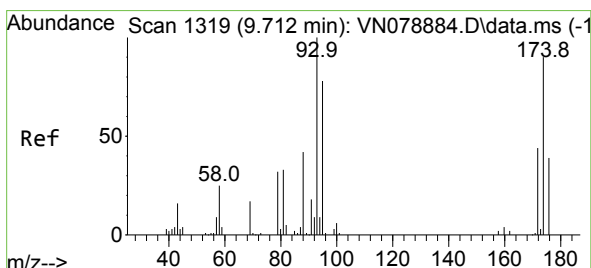
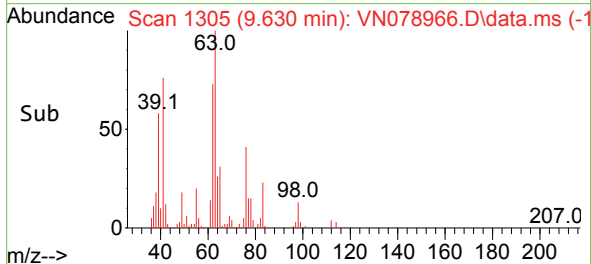
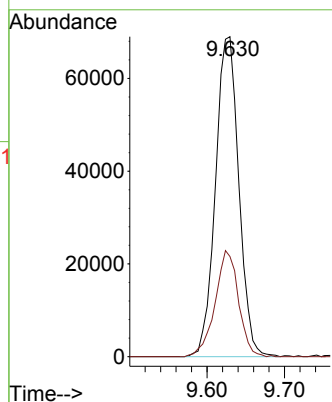
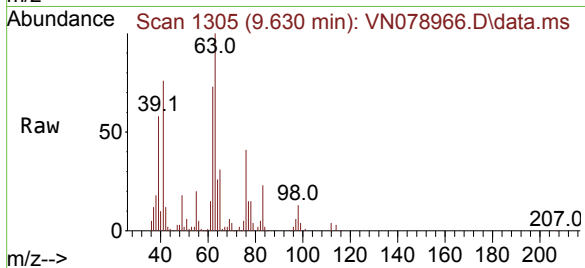
ClientSampleId :

Tgt Ion: 63 Resp: 144848

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 50.664 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

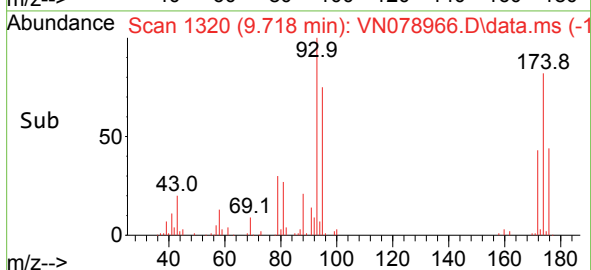
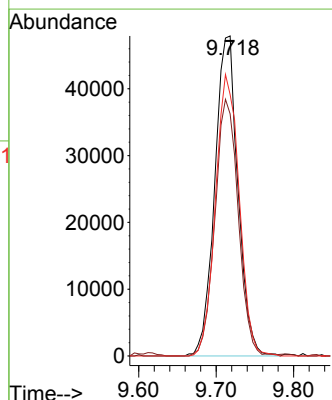
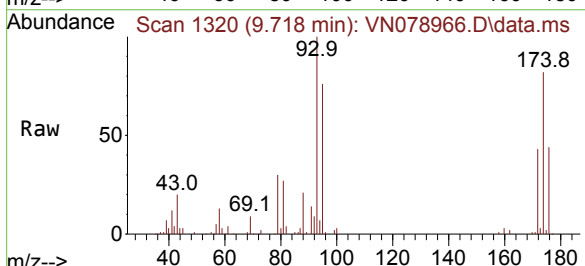
Tgt Ion: 93 Resp: 99494

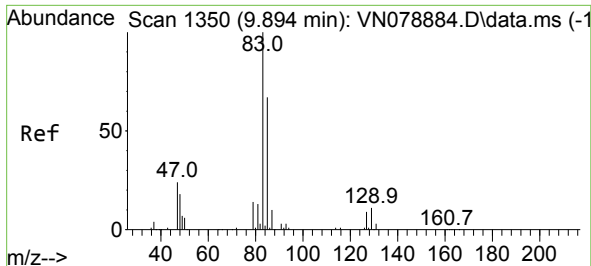
Ion Ratio Lower Upper

93 100

95 80.6 63.8 95.8

174 90.2 65.6 98.4

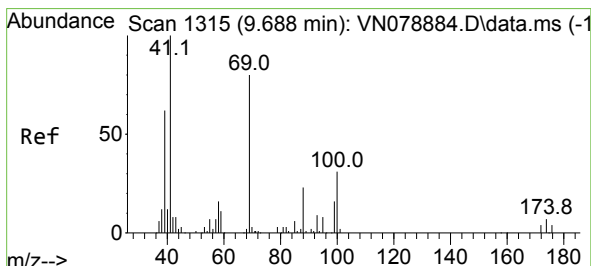
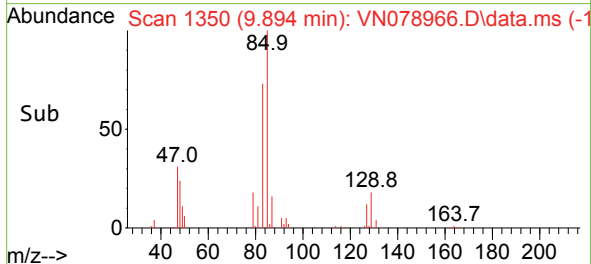
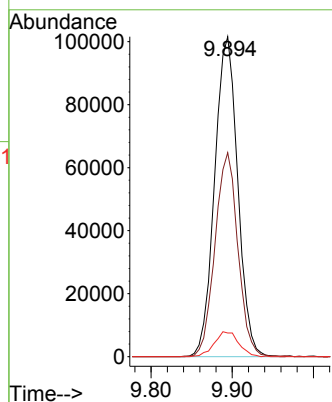
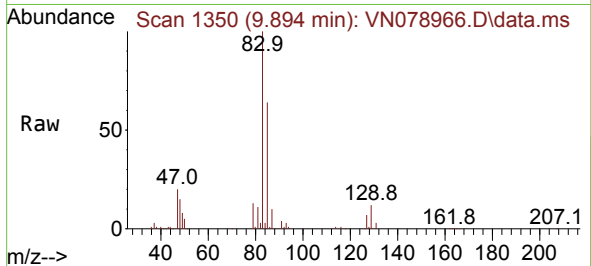




#47
Bromodichloromethane
Concen: 51.803 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

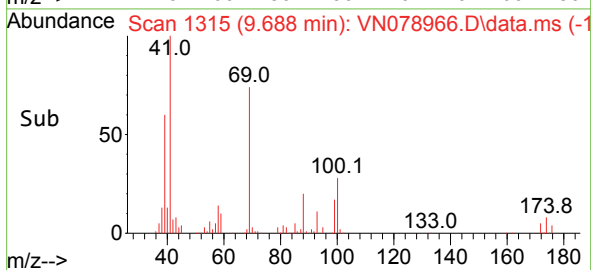
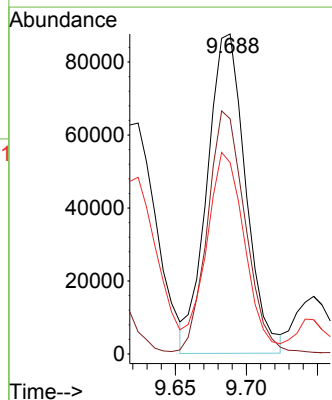
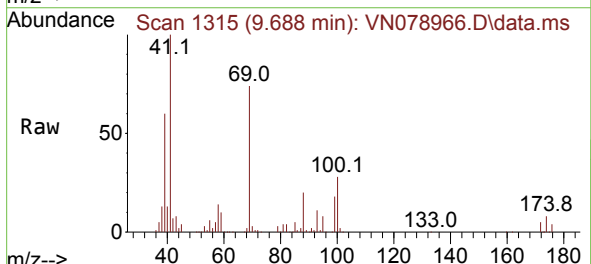
Instrument :
MSVOA_N
ClientSampleId :

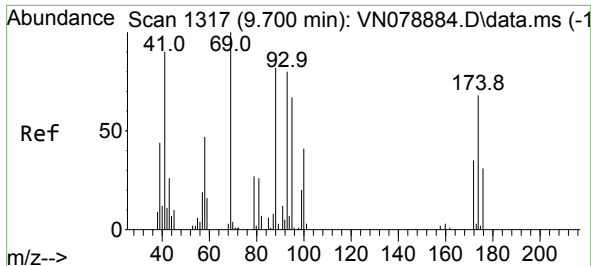
Tgt Ion: 83 Resp: 200882
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4
127 7.4 7.0 10.6



#48
Methyl methacrylate
Concen: 50.668 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 41 Resp: 165193
Ion Ratio Lower Upper
41 100
69 75.5 90.4 135.6#
39 63.3 54.6 81.8





#49

1,4-Dioxane

Concen: 936.669 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

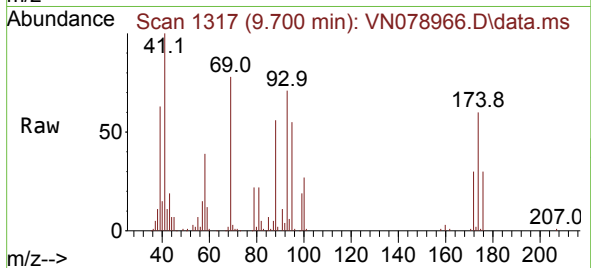
Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :



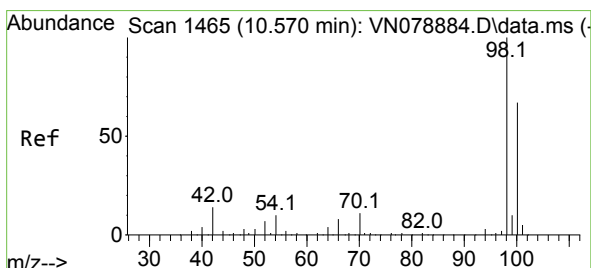
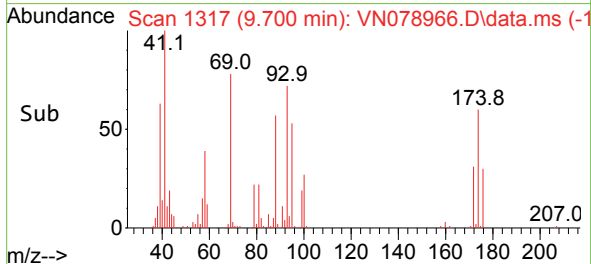
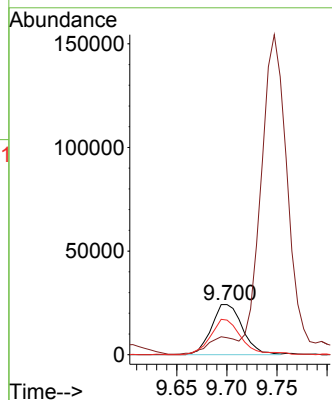
Tgt Ion: 88 Resp: 52016

Ion Ratio Lower Upper

88 100

43 33.0 17.0 25.6#

58 70.6 47.0 70.4#



#50

Toluene-d8

Concen: 52.041 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078966.D

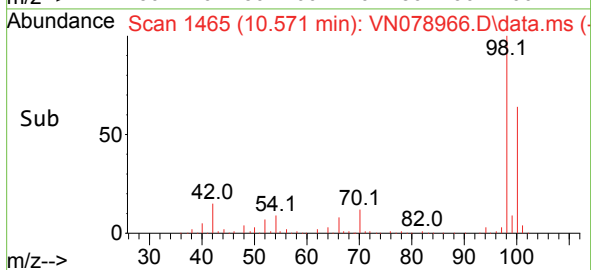
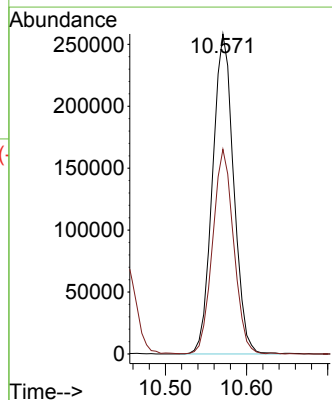
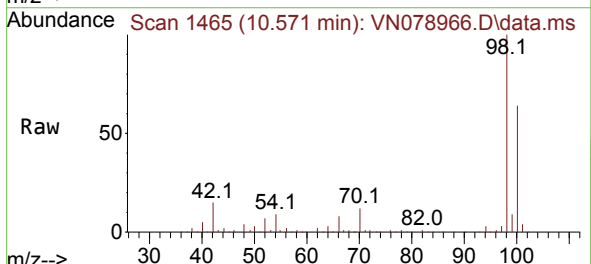
Acq: 21 Aug 2023 11:16

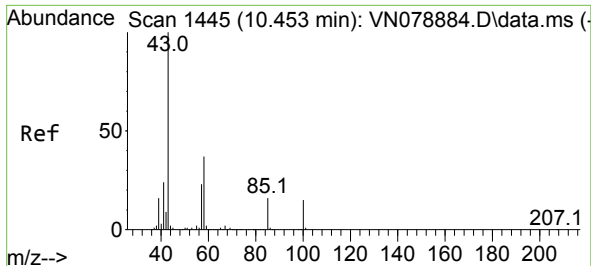
Tgt Ion: 98 Resp: 467358

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

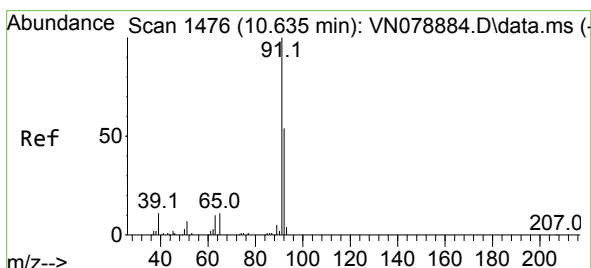
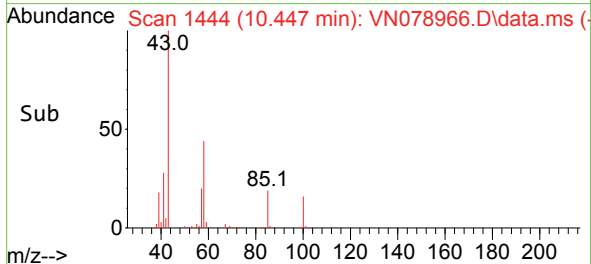
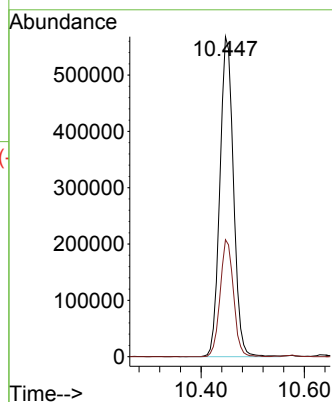
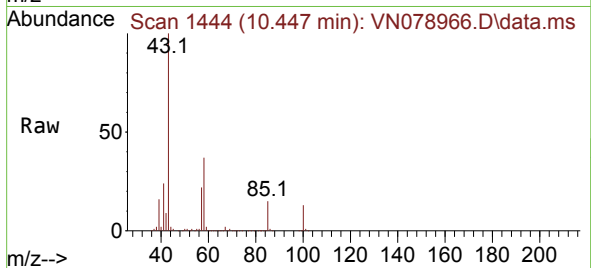




#51
4-Methyl-2-Pentanone
Concen: 243.317 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

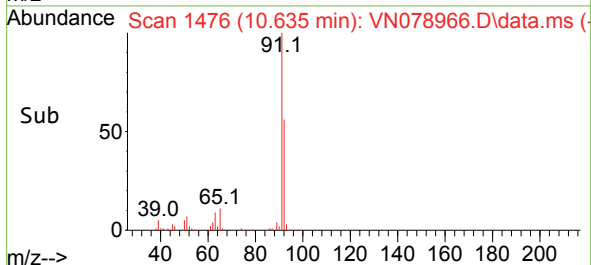
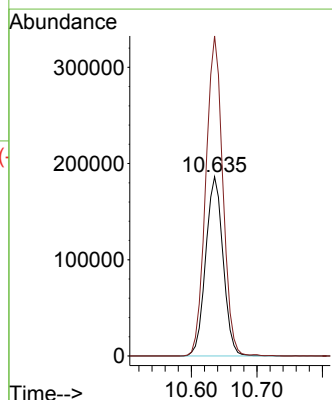
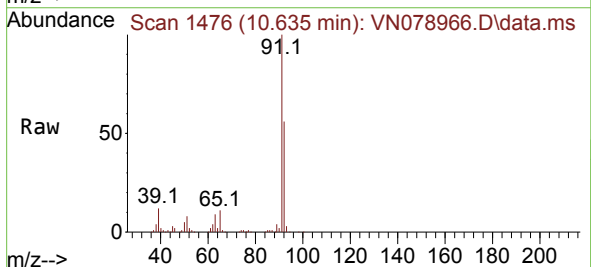
Instrument :
MSVOA_N
ClientSampleId :

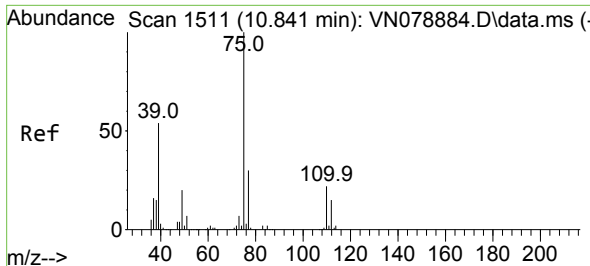
Tgt Ion: 43 Resp: 1038297
Ion Ratio Lower Upper
43 100
58 35.9 36.6 54.8#



#52
Toluene
Concen: 51.971 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 92 Resp: 343132
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0

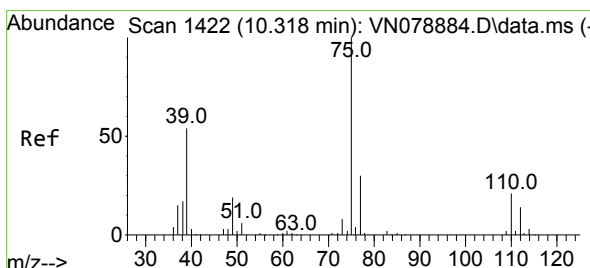
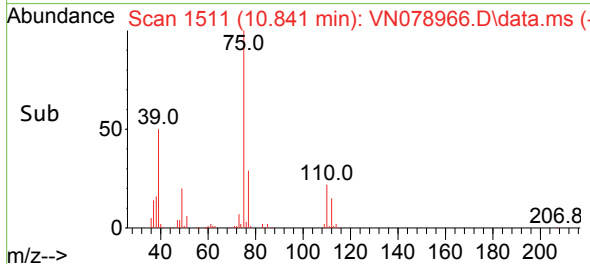
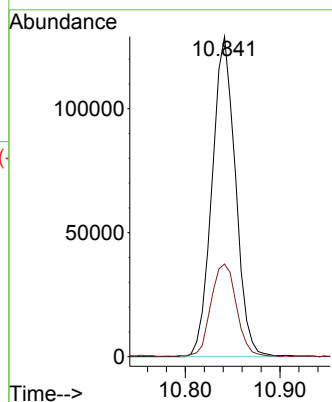
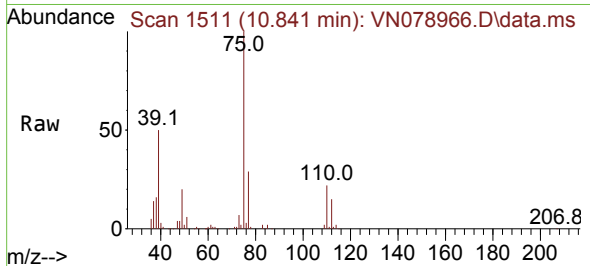




#53
 t-1,3-Dichloropropene
 Concen: 53.313 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

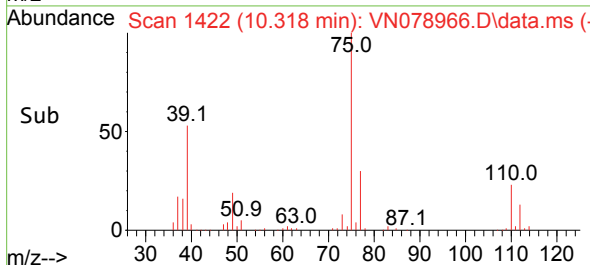
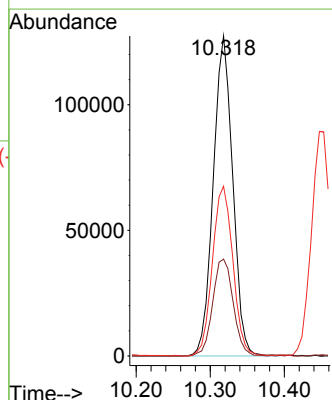
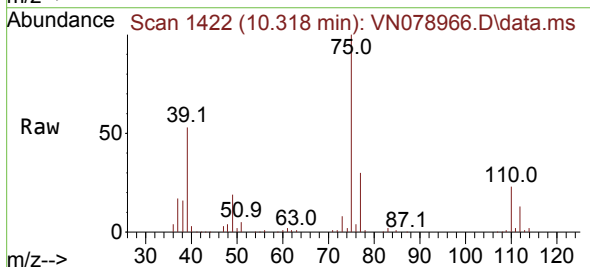
Instrument :
 MSVOA_N
 ClientSampleId :

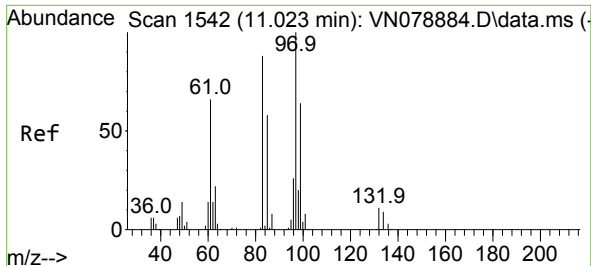
Tgt Ion: 75 Resp: 221704
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.354 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

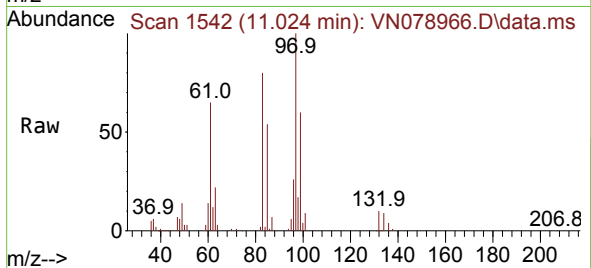
Tgt Ion: 75 Resp: 232589
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.1 39.1
 39 53.1 31.6 47.4#



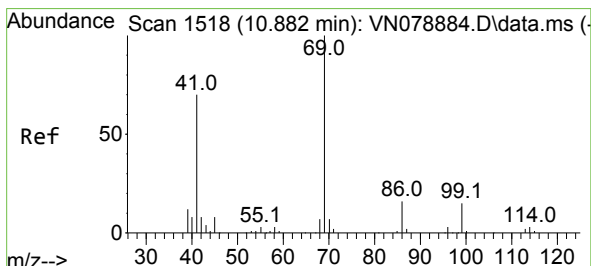
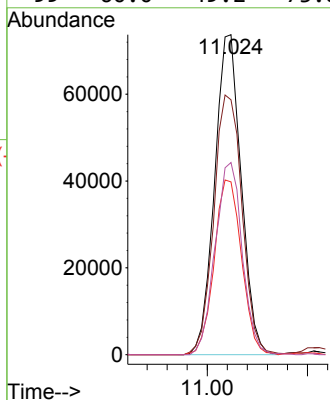
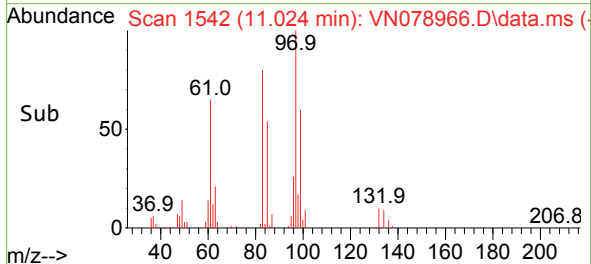


#55
1,1,2-Trichloroethane
Concen: 51.186 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :

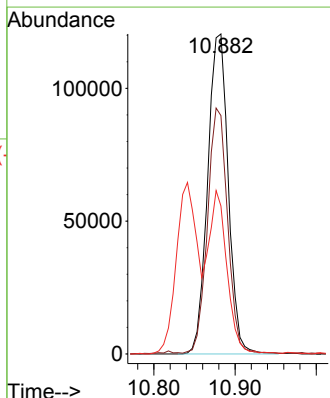
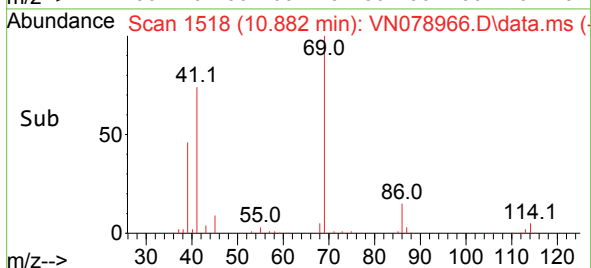
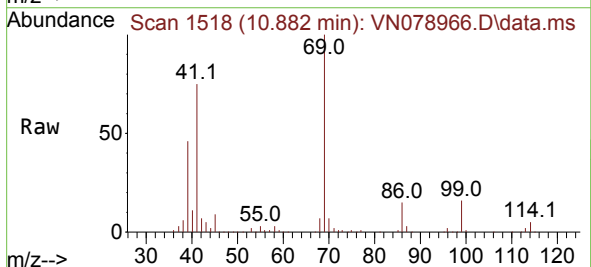


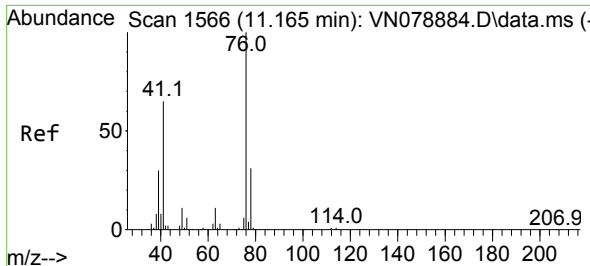
Tgt Ion: 97 Resp: 135503
Ion Ratio Lower Upper
97 100
83 79.7 65.1 97.7
85 54.0 43.4 65.2
99 60.0 49.2 73.8



#56
Ethyl methacrylate
Concen: 51.677 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 69 Resp: 212066
Ion Ratio Lower Upper
69 100
41 74.9 39.6 59.4#
39 46.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 51.095 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

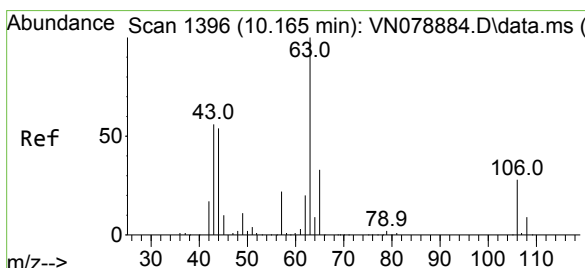
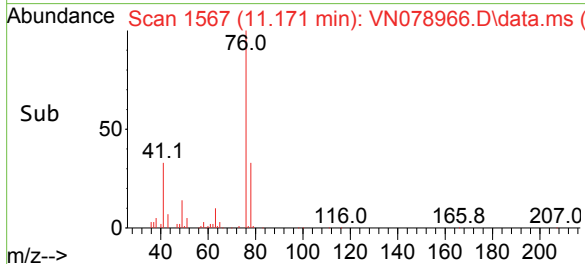
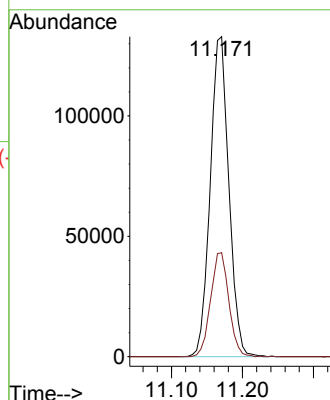
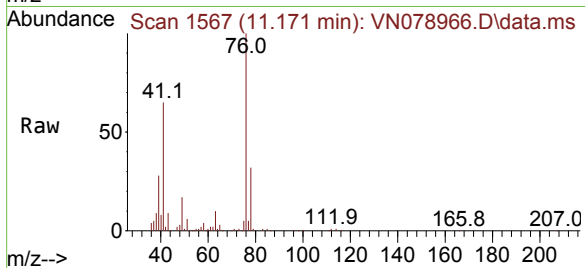
ClientSampleId :

Tgt Ion: 76 Resp: 241937

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 228.690 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078966.D

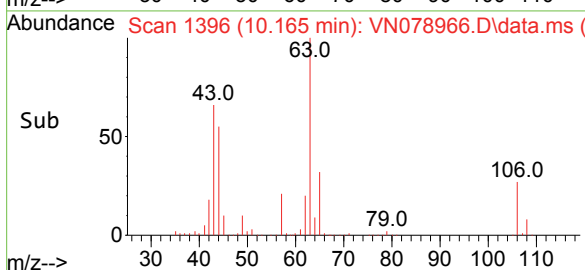
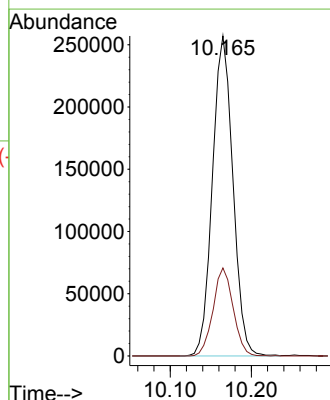
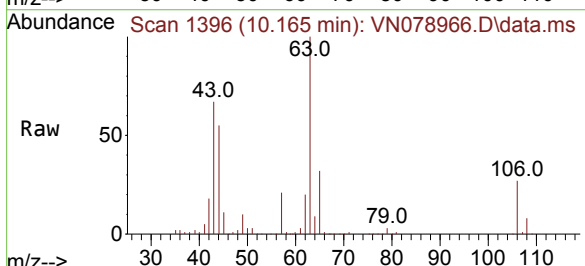
Acq: 21 Aug 2023 11:16

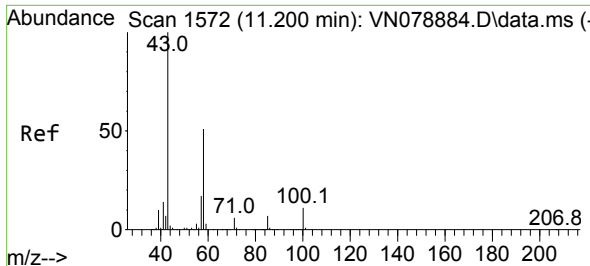
Tgt Ion: 63 Resp: 450489

Ion Ratio Lower Upper

63 100

106 26.9 26.2 39.4

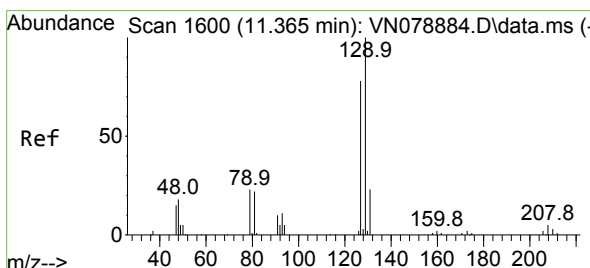
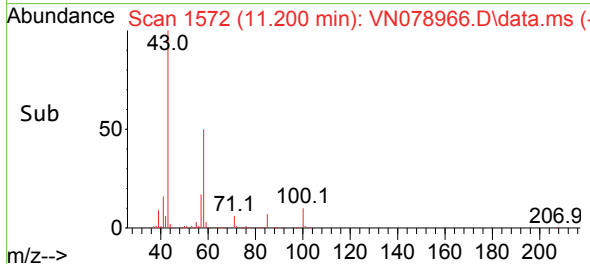
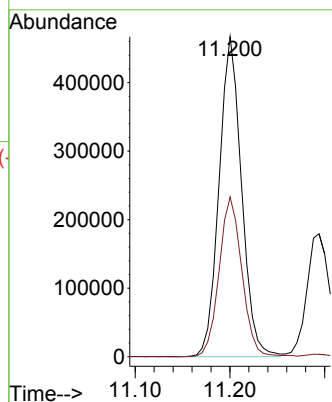
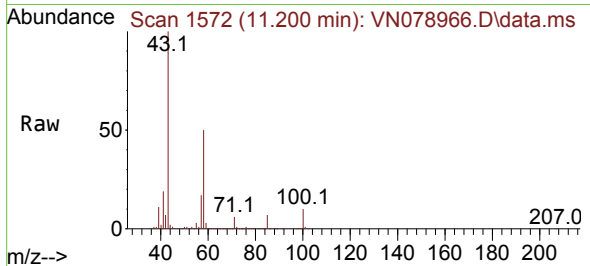




#59
2-Hexanone
Concen: 249.271 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

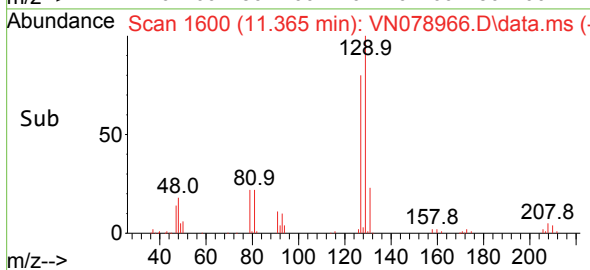
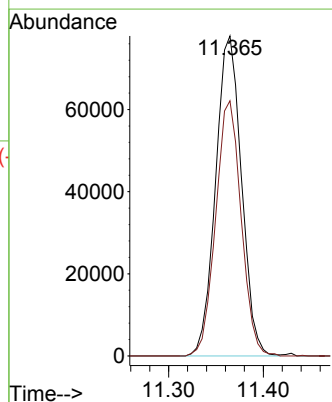
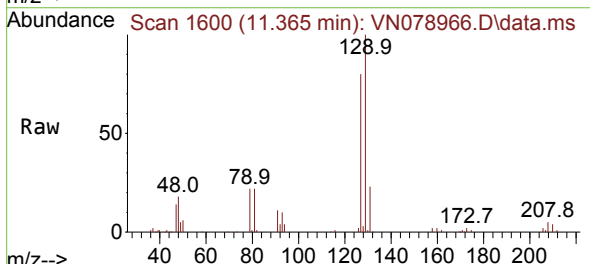
Instrument :
MSVOA_N
ClientSampleId :

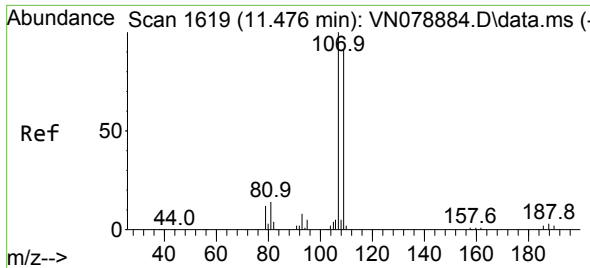
Tgt Ion: 43 Resp: 770441
Ion Ratio Lower Upper
43 100
58 50.5 31.7 95.1



#60
Dibromochloromethane
Concen: 53.113 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:129 Resp: 147962
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0

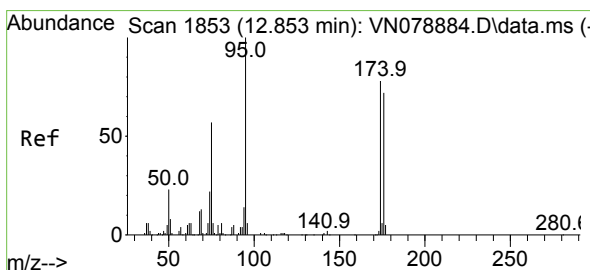
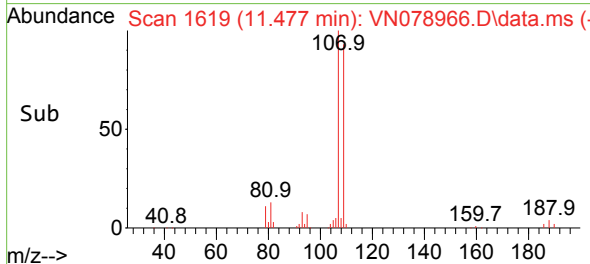
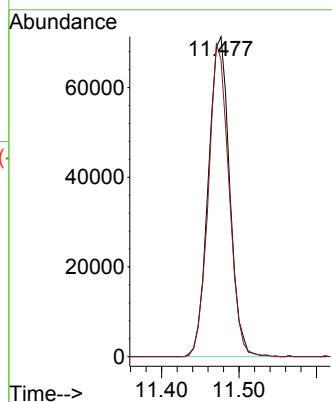
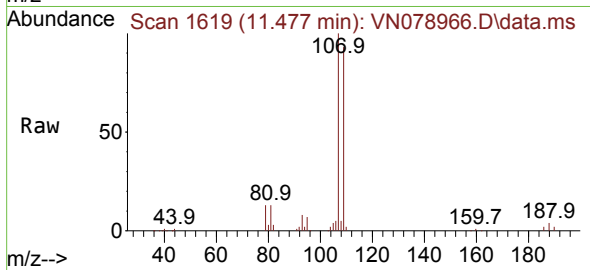




#61
1,2-Dibromoethane
Concen: 50.621 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

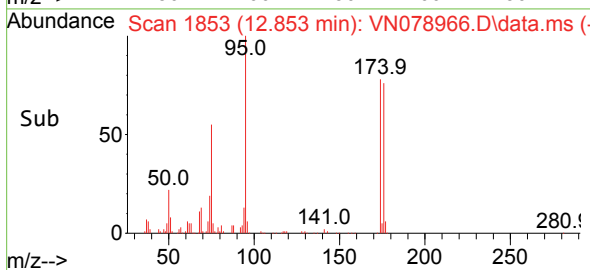
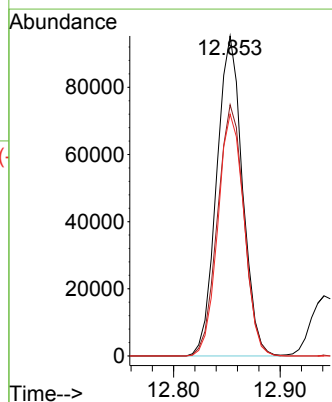
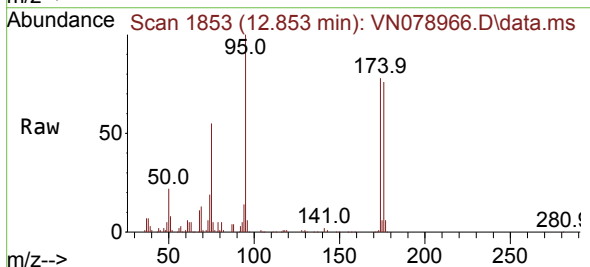
Instrument :
MSVOA_N
ClientSampleId :

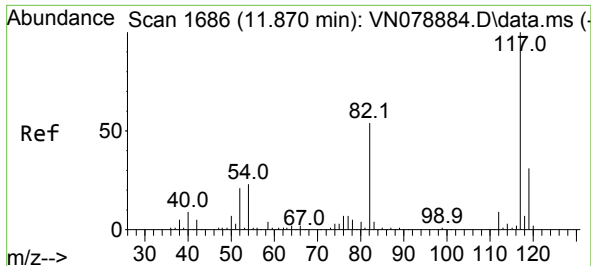
Tgt Ion:107 Resp: 136182
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.687 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 95 Resp: 160527
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.8
176 76.4 0.0 135.8

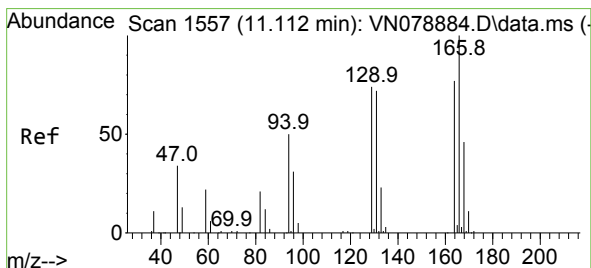
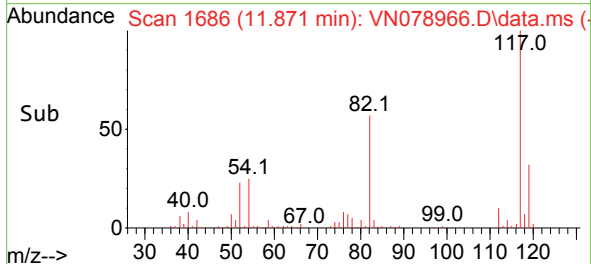
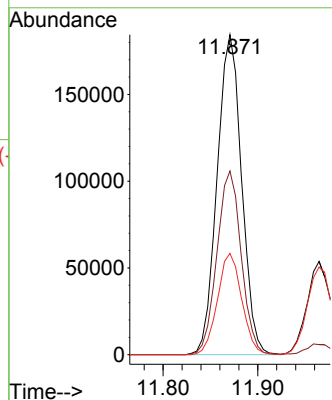
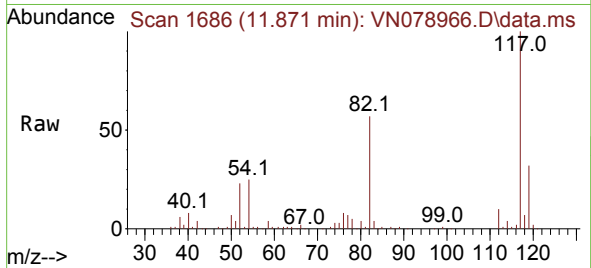




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

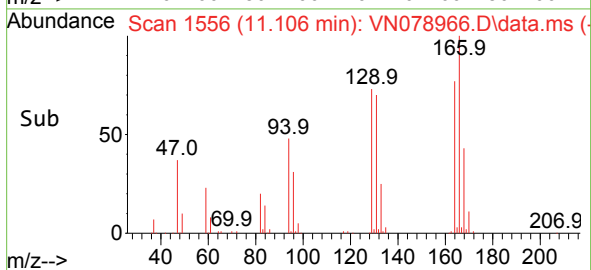
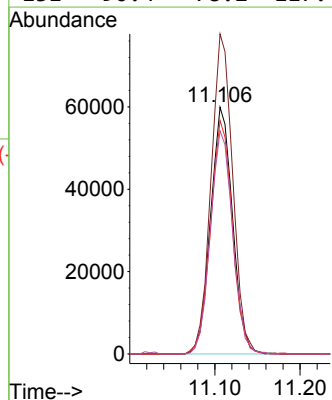
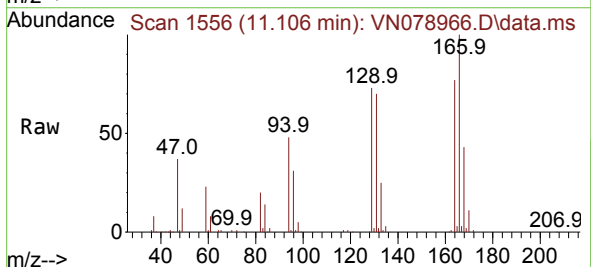
Instrument :
MSVOA_N
ClientSampleId :

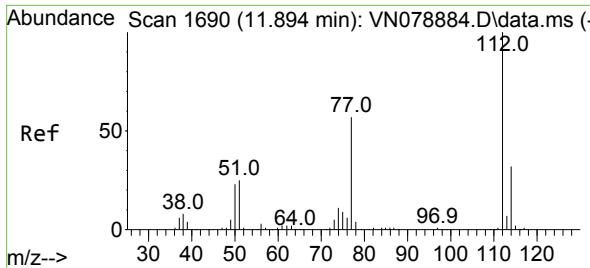
Tgt Ion:117 Resp: 332100
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 51.538 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:164 Resp: 107337
Ion Ratio Lower Upper
164 100
166 129.7 101.4 152.0
129 94.6 82.4 123.6
131 90.4 78.2 117.4

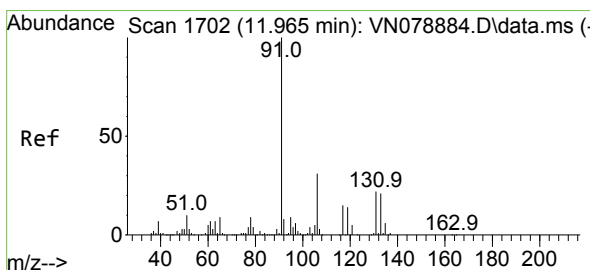
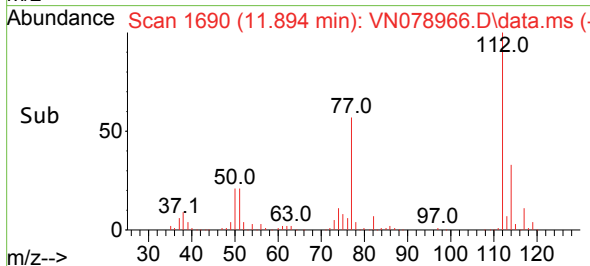
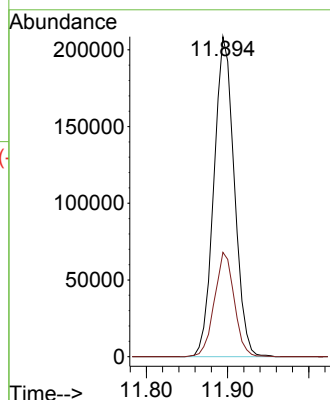
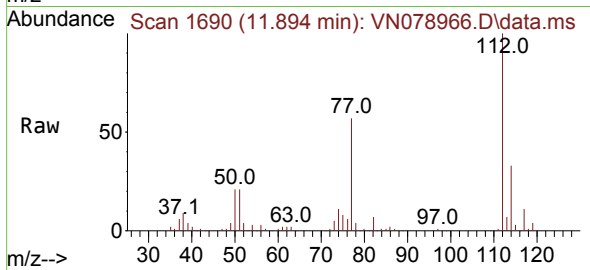




#65
Chlorobenzene
Concen: 51.480 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

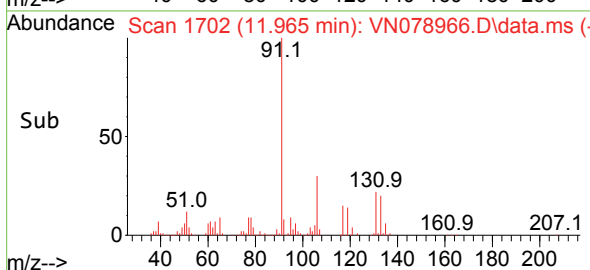
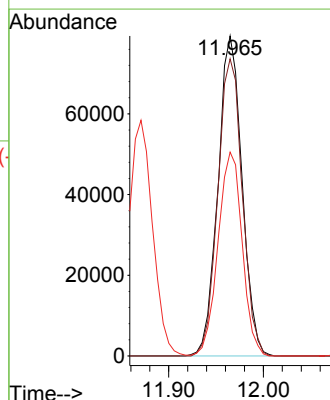
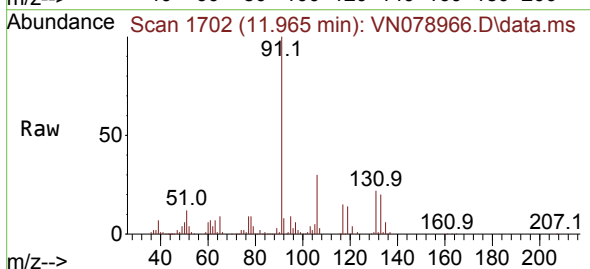
Instrument :
MSVOA_N
ClientSampleId :

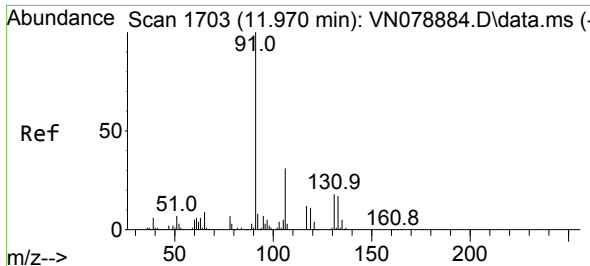
Tgt Ion:112 Resp: 363922
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.486 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

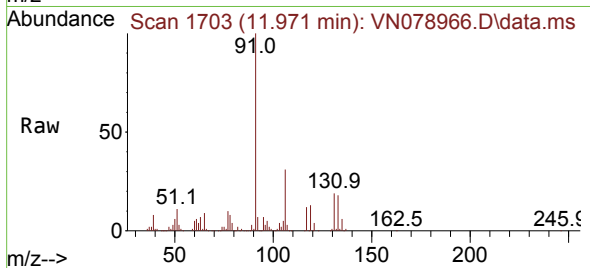
Tgt Ion:131 Resp: 140218
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 63.8 34.1 102.2



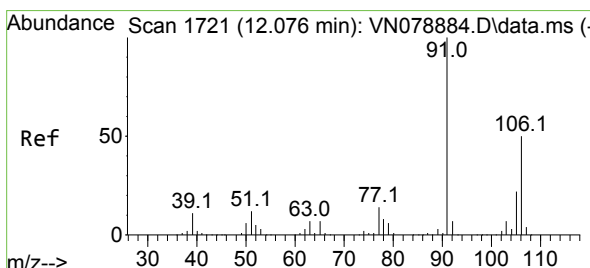
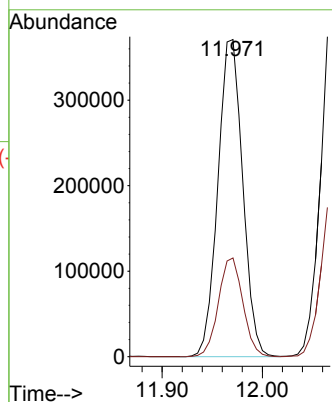
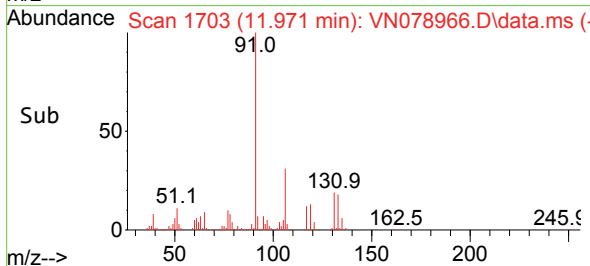


#67
Ethyl Benzene
Concen: 49.474 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :

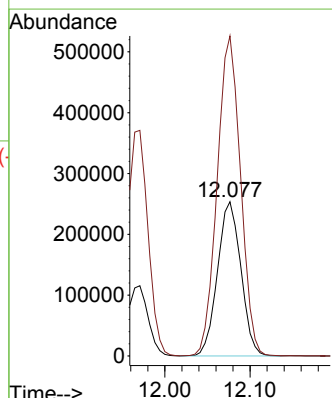
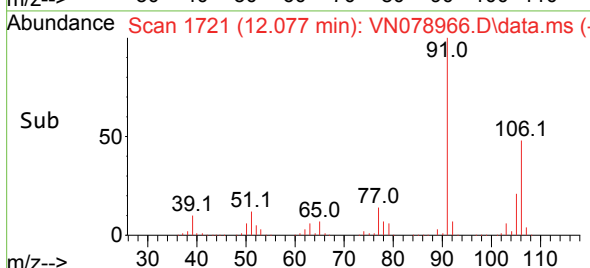
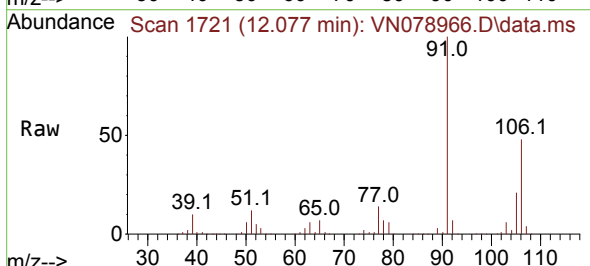


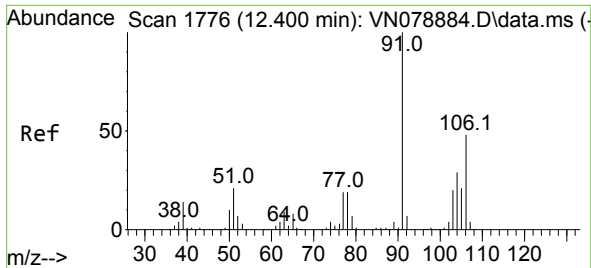
Tgt Ion: 91 Resp: 636013
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 100.698 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:106 Resp: 483997
Ion Ratio Lower Upper
106 100
91 207.8 159.6 239.4

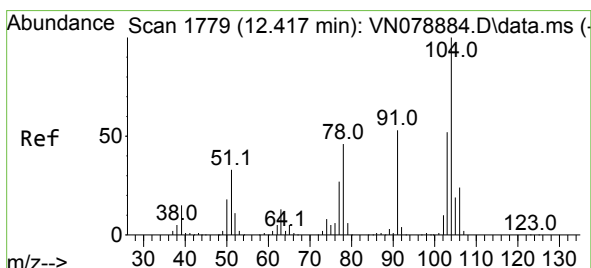
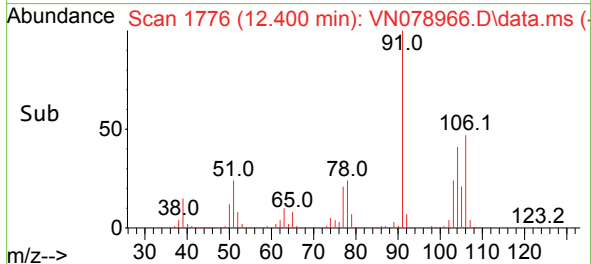
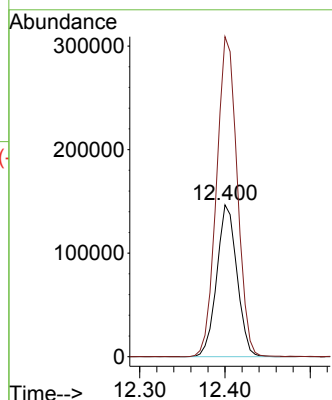
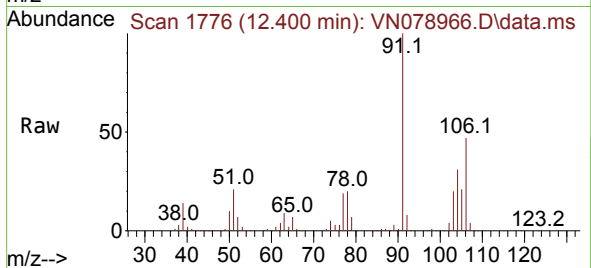




#69
o-Xylene
Concen: 51.581 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

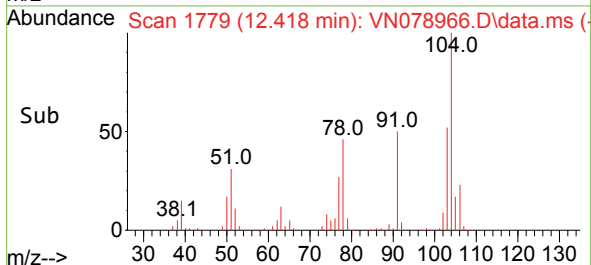
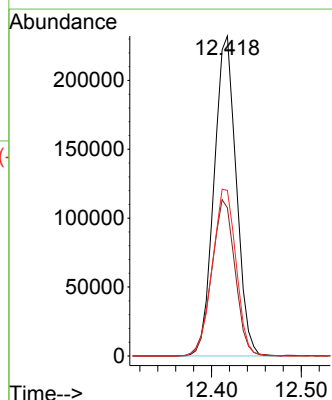
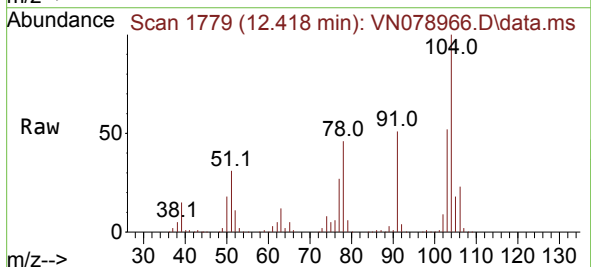
Instrument :
MSVOA_N
ClientSampleId :

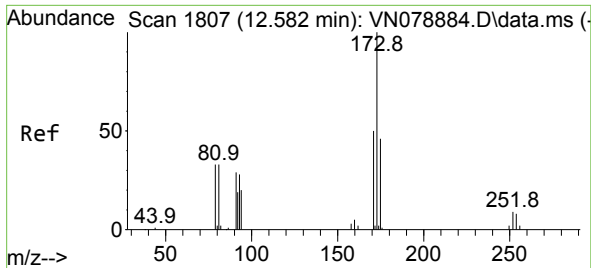
Tgt Ion:106 Resp: 241172
Ion Ratio Lower Upper
106 100
91 216.1 105.2 315.5



#70
Styrene
Concen: 51.162 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:104 Resp: 398872
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.7 43.2 64.8

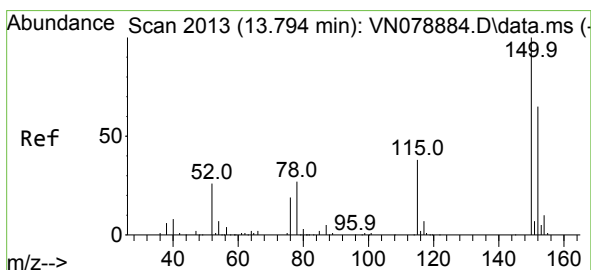
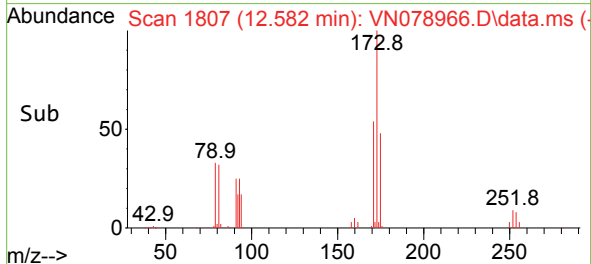
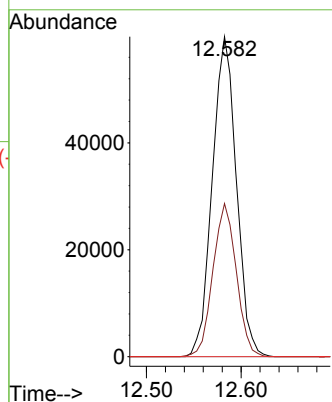
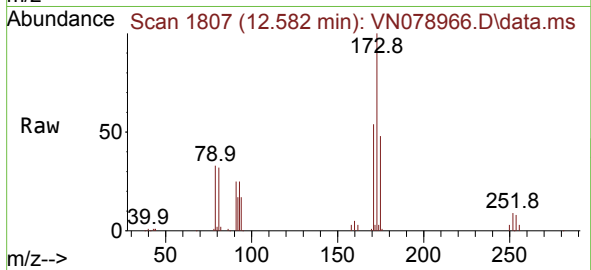




#71
Bromoform
Concen: 54.501 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

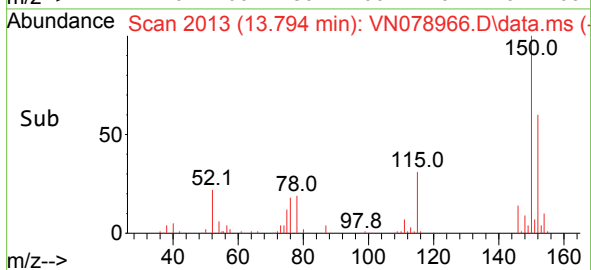
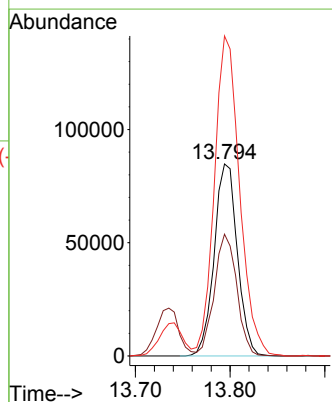
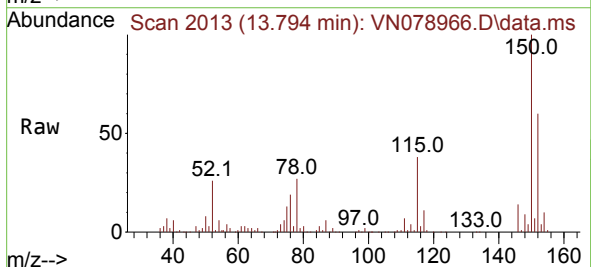
Instrument :
MSVOA_N
ClientSampleId :

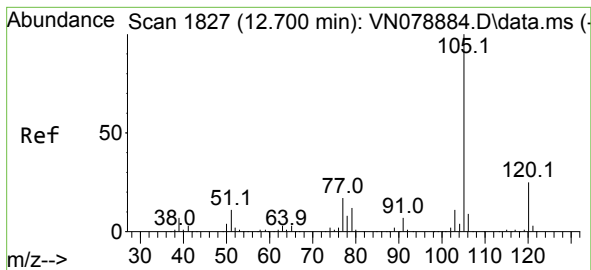
Tgt Ion:173 Resp: 105854
Ion Ratio Lower Upper
173 100
175 46.5 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:152 Resp: 144143
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 181.6 0.0 355.8





#73

Isopropylbenzene

Concen: 48.449 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

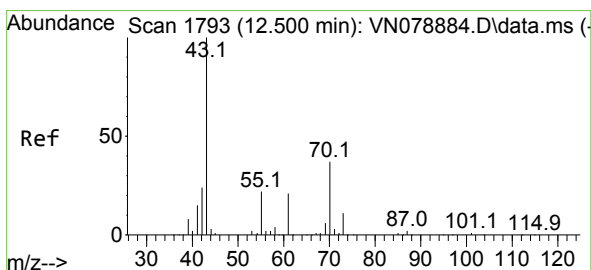
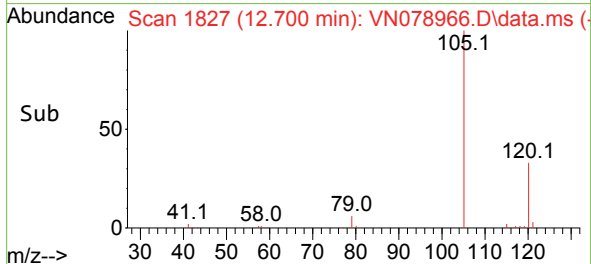
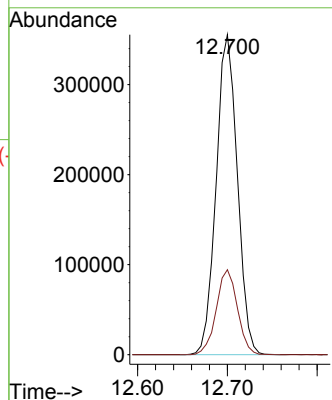
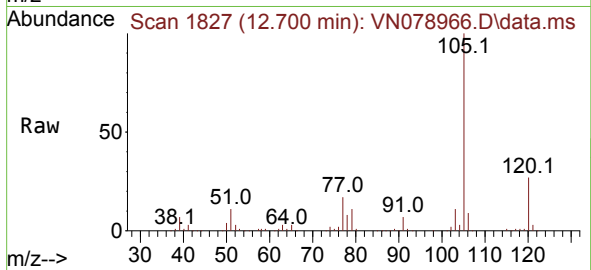
ClientSampleId :

Tgt Ion:105 Resp: 582309

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



#74

N-ethyl acetate

Concen: 47.427 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Tgt Ion: 43 Resp: 287724

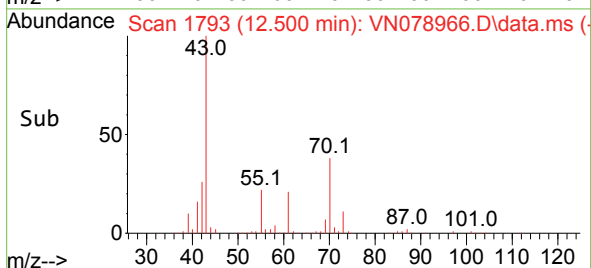
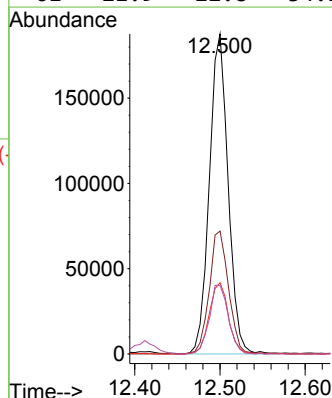
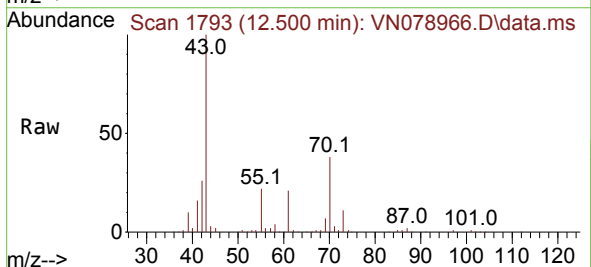
Ion Ratio Lower Upper

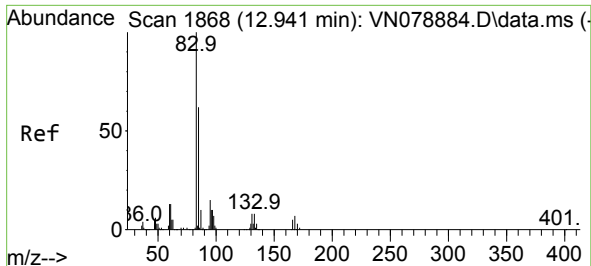
43 100

70 39.7 43.4 65.2#

55 22.8 21.4 32.0

61 21.9 22.8 34.2#

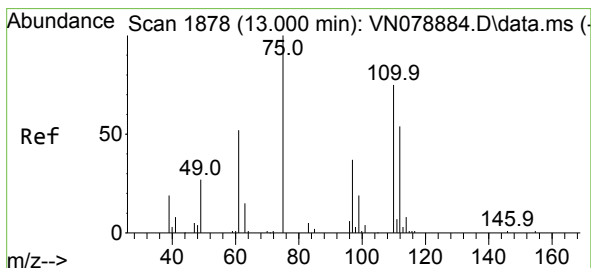
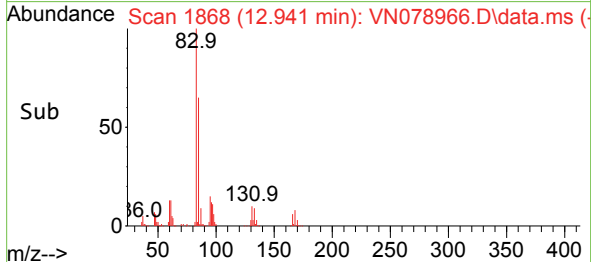
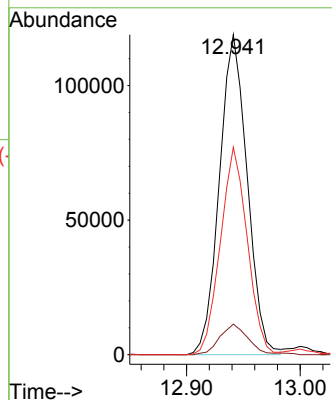
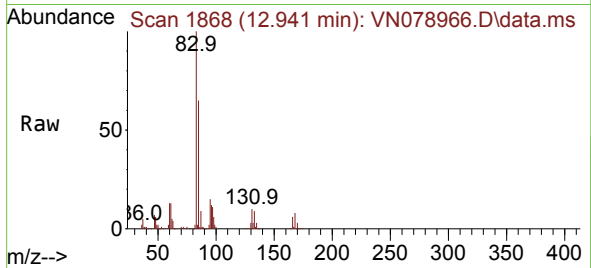




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.597 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

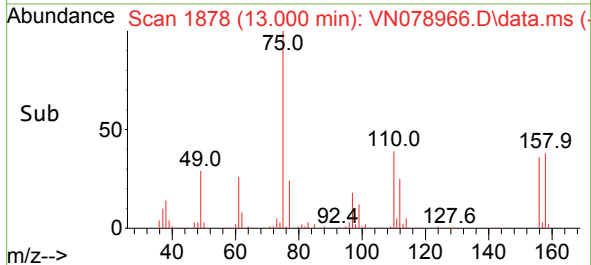
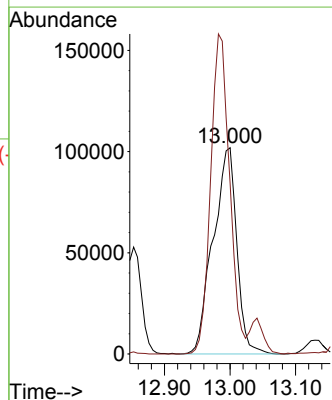
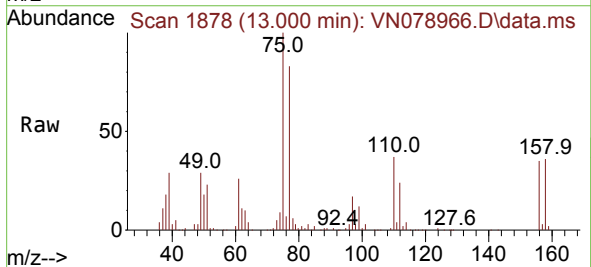
Instrument :
 MSVOA_N
 ClientSampleId :

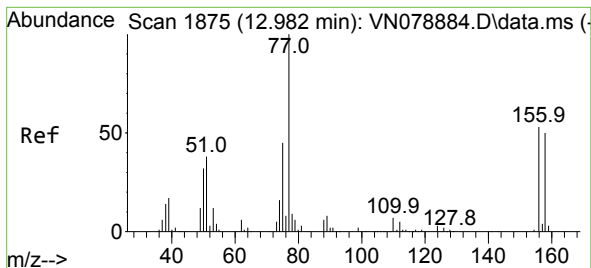
Tgt Ion: 83 Resp: 202219
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 62.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 73.527 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

Tgt Ion: 75 Resp: 255369
 Ion Ratio Lower Upper
 75 100
 77 124.5 84.5 253.5





#77

Bromobenzene

Concen: 51.585 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

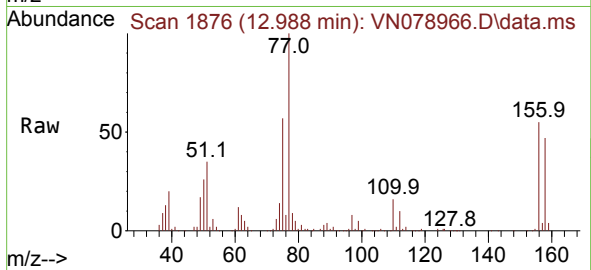
Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :



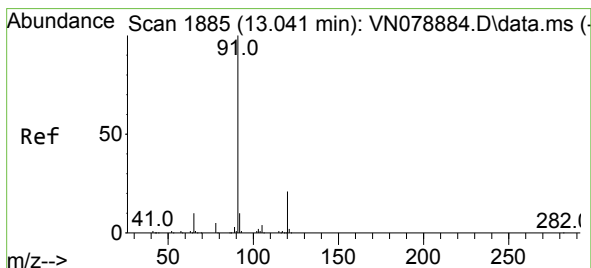
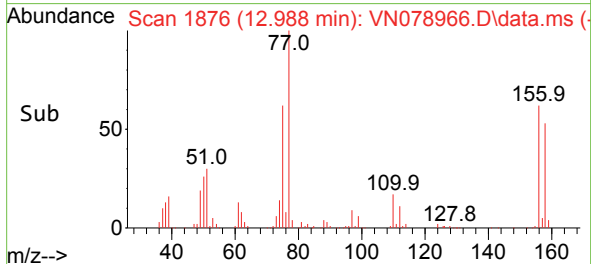
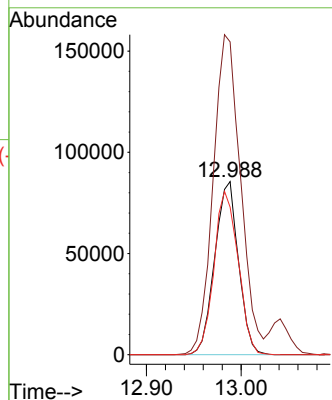
Tgt Ion:156 Resp: 149028

Ion Ratio Lower Upper

156 100

77 213.3 107.7 323.3

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 48.265 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078966.D

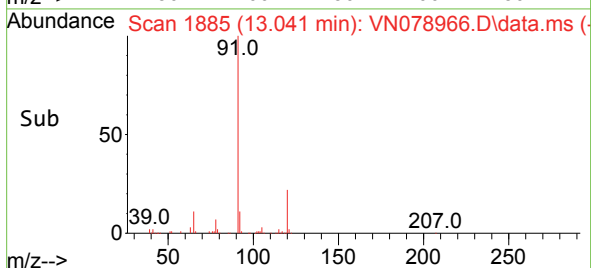
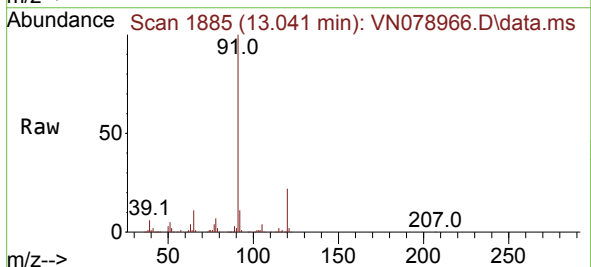
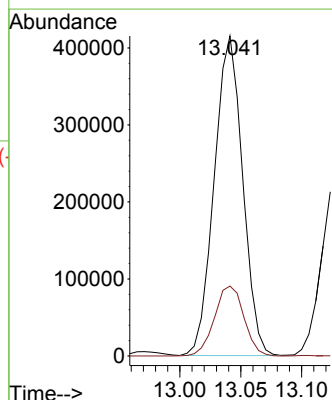
Acq: 21 Aug 2023 11:16

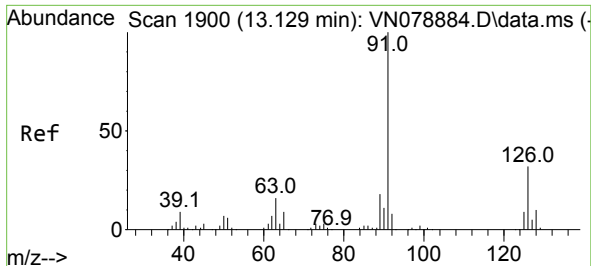
Tgt Ion: 91 Resp: 672678

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

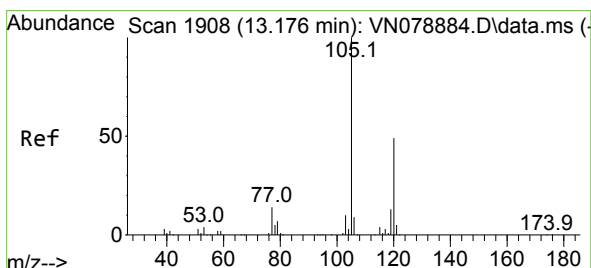
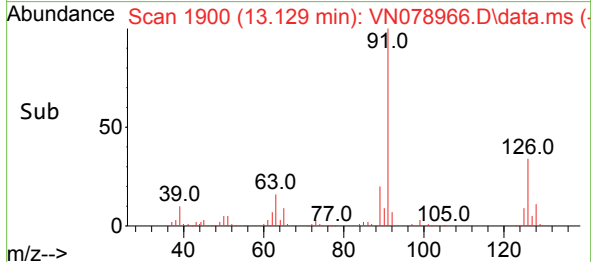
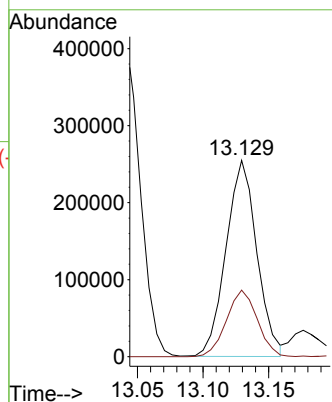
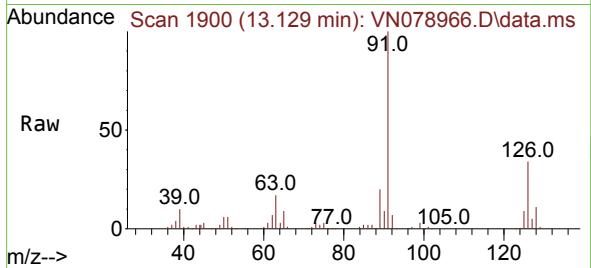




#79
2-Chlorotoluene
Concen: 48.172 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

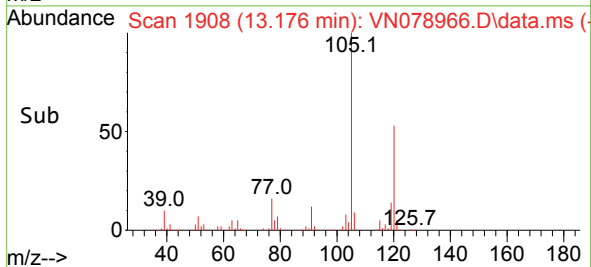
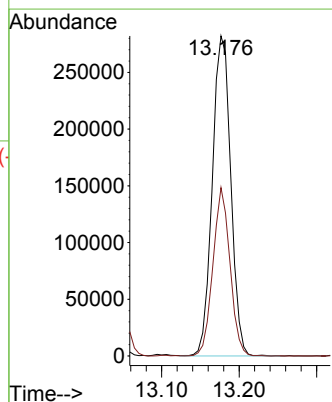
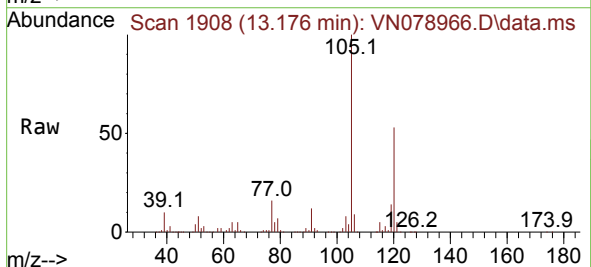
Instrument :
MSVOA_N
ClientSampleId :

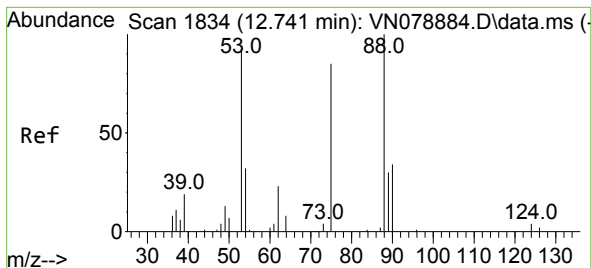
Tgt Ion: 91 Resp: 416469
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.019 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 105 Resp: 466885
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

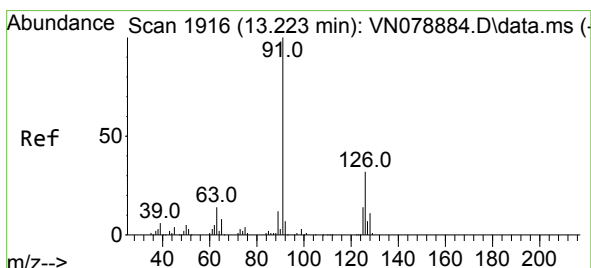
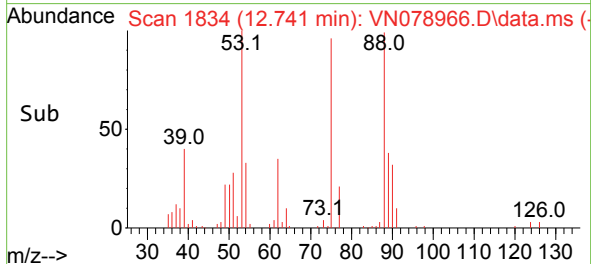
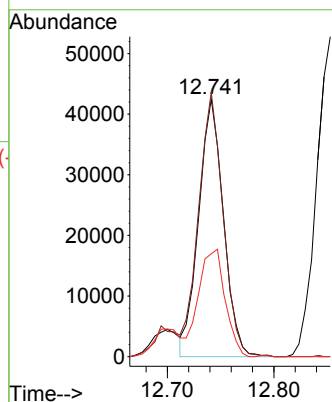
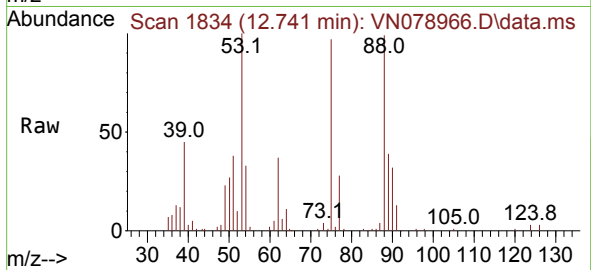




#81
trans-1,4-Dichloro-2-butene
Concen: 50.576 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

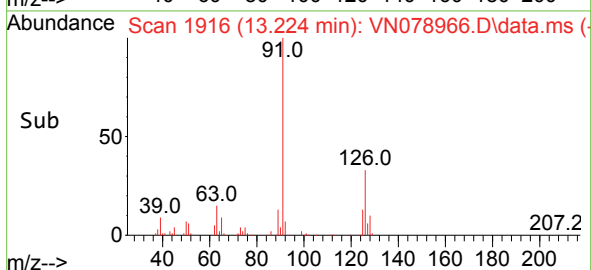
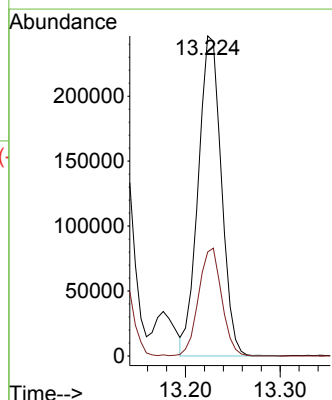
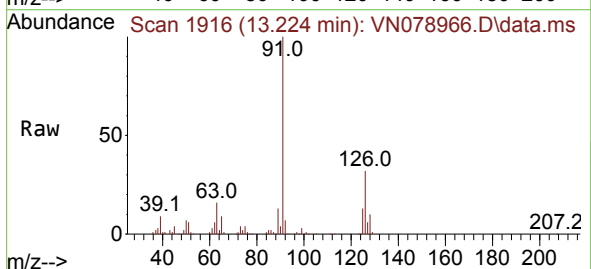
Instrument :
MSVOA_N
ClientSampleId :

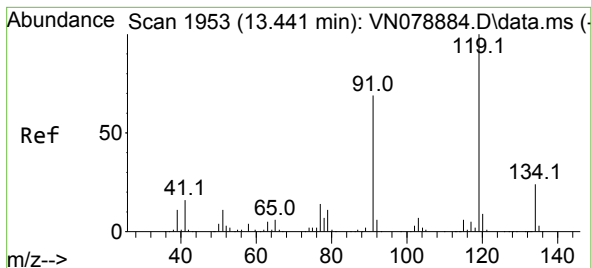
Tgt Ion: 75 Resp: 68762
Ion Ratio Lower Upper
75 100
53 101.7 67.4 101.2#
89 44.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.577 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion: 91 Resp: 419391
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0

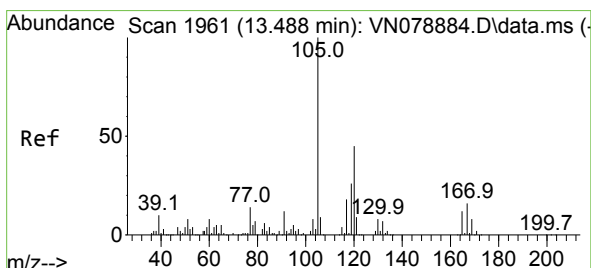
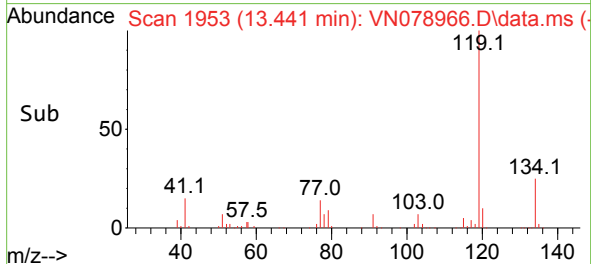
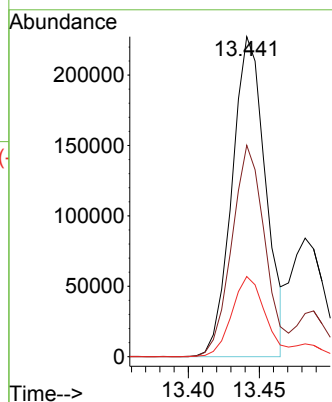
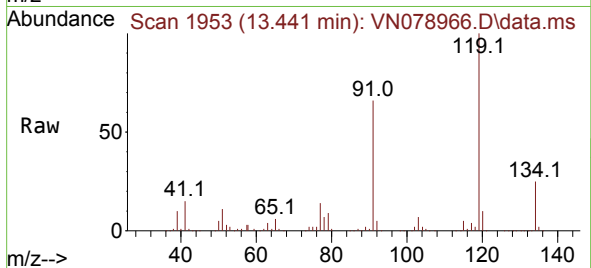




#83
tert-Butylbenzene
Concen: 46.766 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

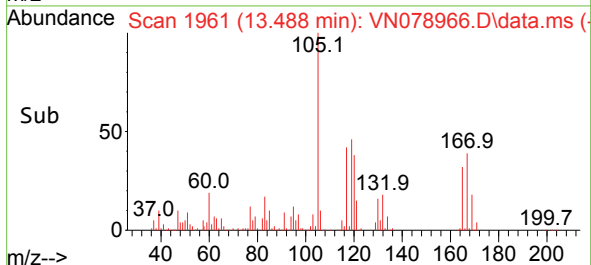
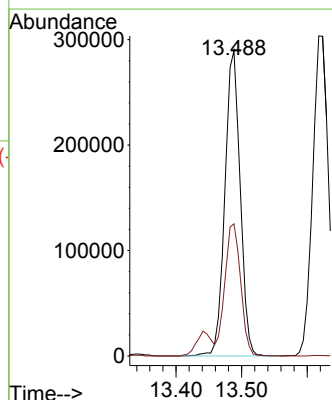
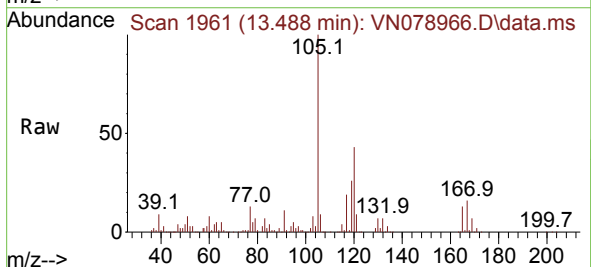
Instrument :
MSVOA_N
ClientSampleId :

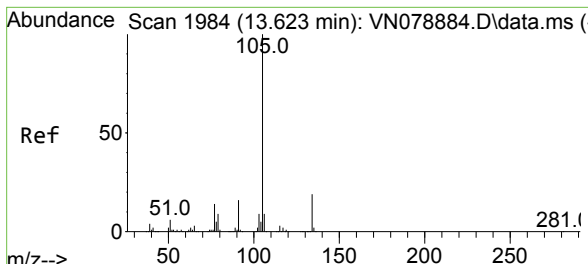
Tgt Ion:119 Resp: 374251
Ion Ratio Lower Upper
119 100
91 65.9 33.9 101.7
134 25.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.602 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:105 Resp: 467801
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0

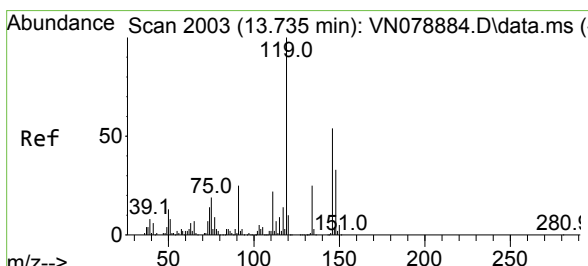
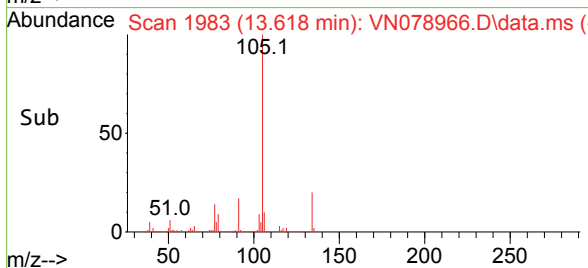
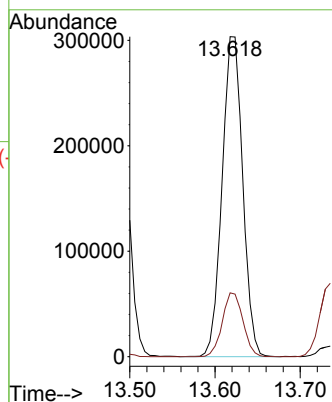
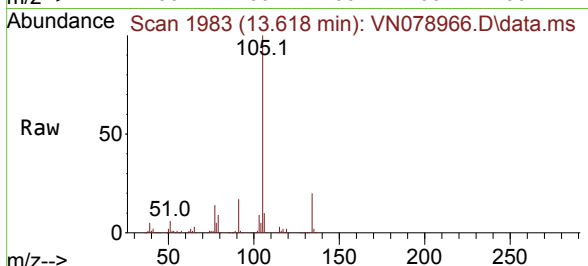




#85
 sec-Butylbenzene
 Concen: 46.294 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

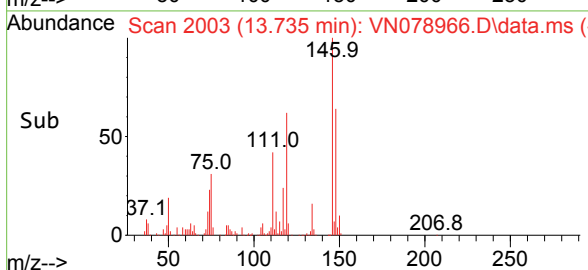
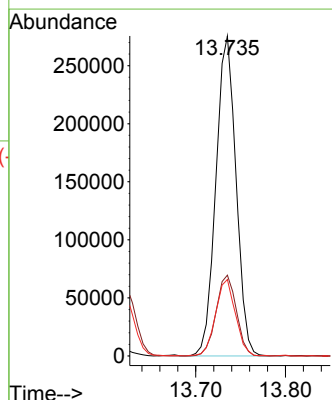
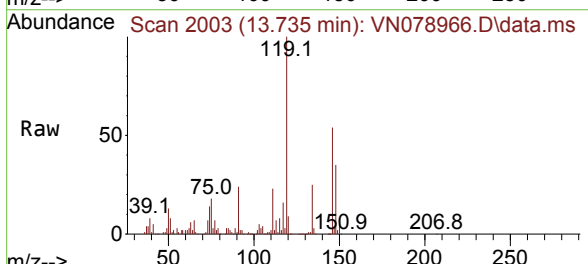
Instrument :
 MSVOA_N
 ClientSampleId :

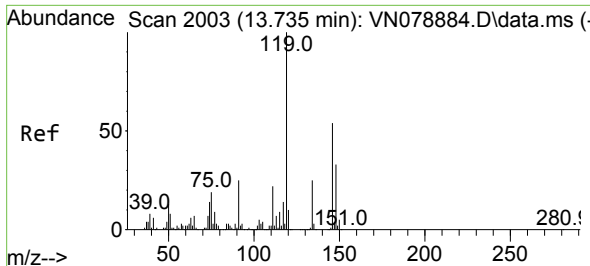
Tgt Ion:105 Resp: 509845
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.788 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

Tgt Ion:119 Resp: 429289
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 23.7 12.4 37.2

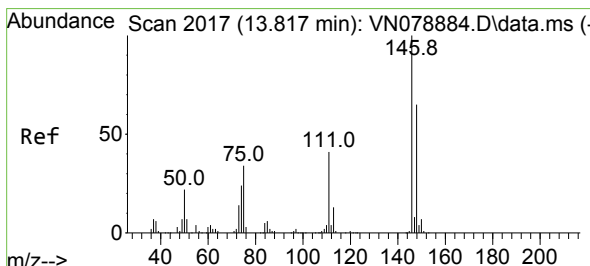
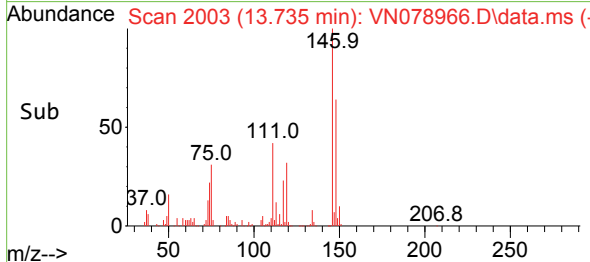
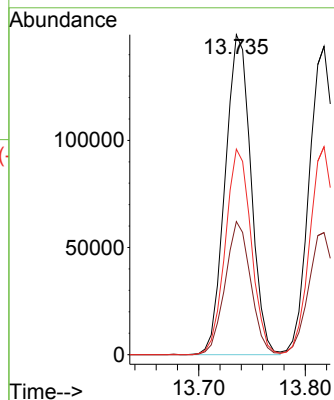
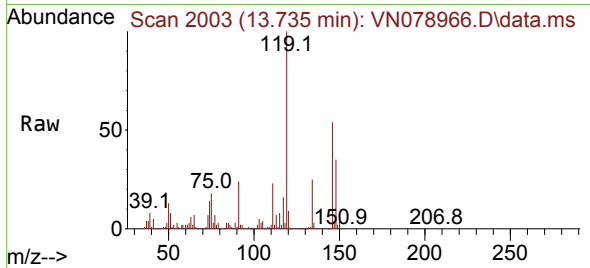




#87
 1,3-Dichlorobenzene
 Concen: 50.524 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

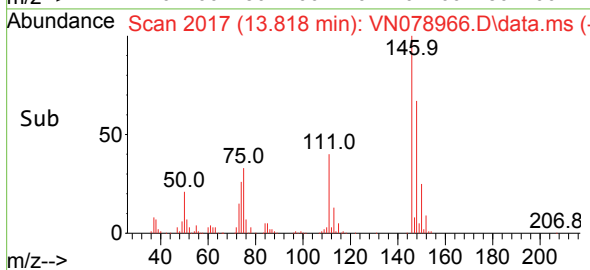
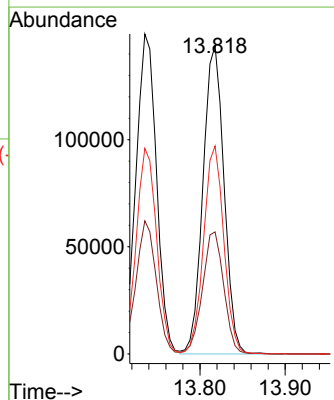
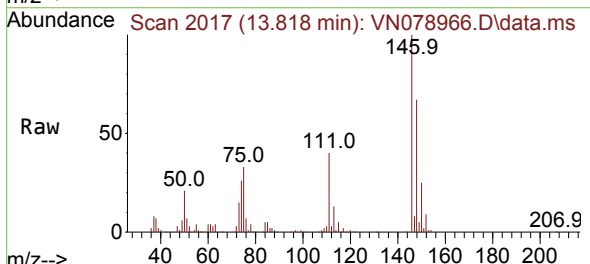
Instrument :
 MSVOA_N
 ClientSampleId :

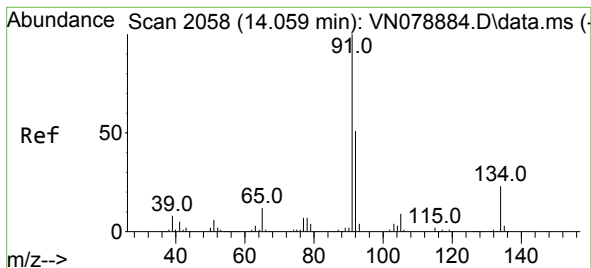
Tgt Ion:146 Resp: 251167
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.1 66.3
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.472 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078966.D
 Acq: 21 Aug 2023 11:16

Tgt Ion:146 Resp: 246160
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 65.4 31.6 94.8





#89

n-Butylbenzene

Concen: 47.955 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

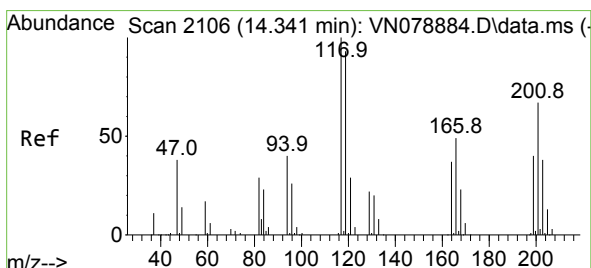
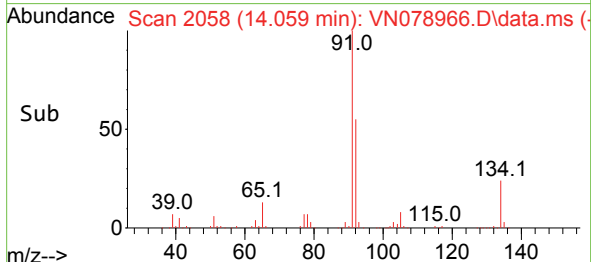
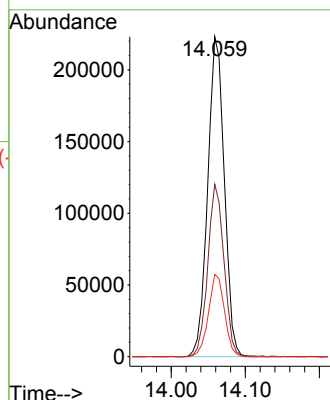
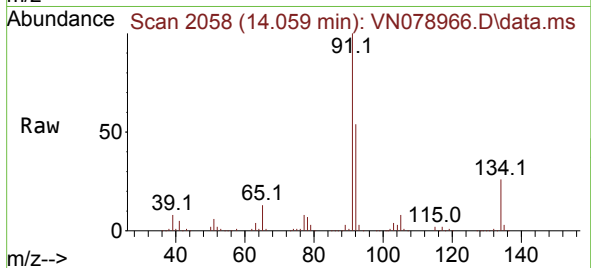
Tgt Ion: 91 Resp: 347251

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 46.450 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078966.D

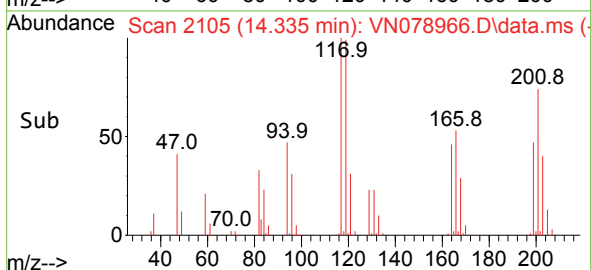
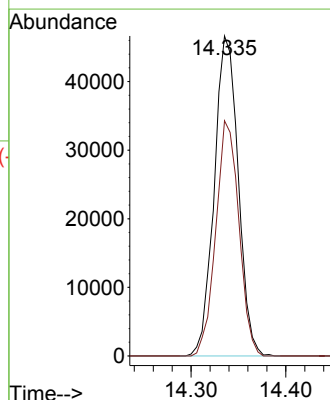
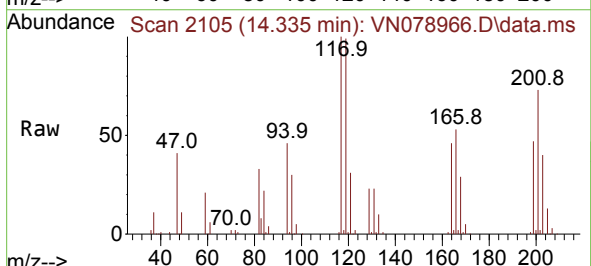
Acq: 21 Aug 2023 11:16

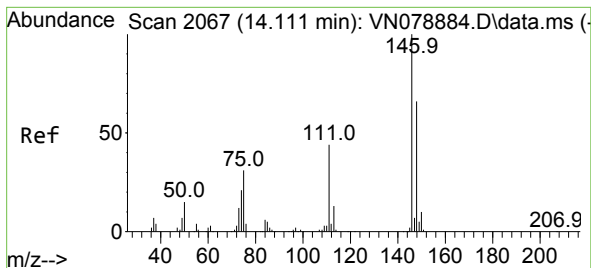
Tgt Ion: 117 Resp: 81929

Ion Ratio Lower Upper

117 100

201 70.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 50.070 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

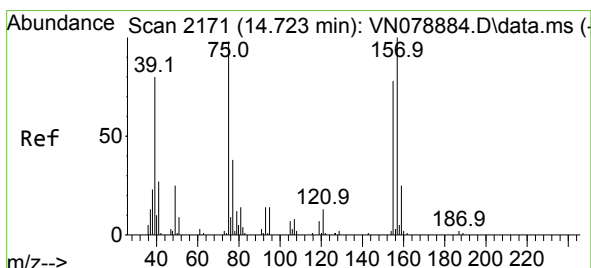
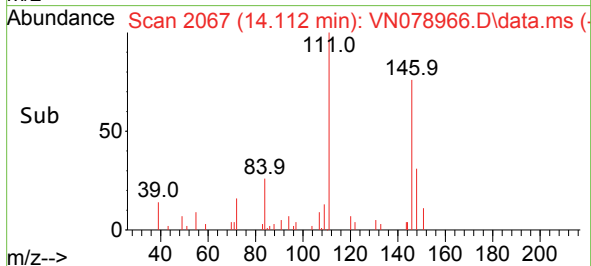
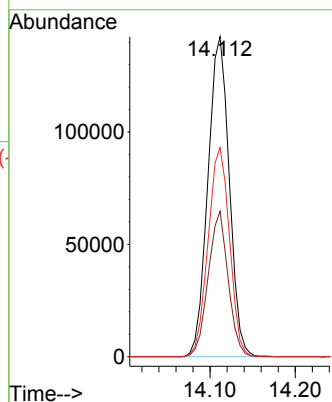
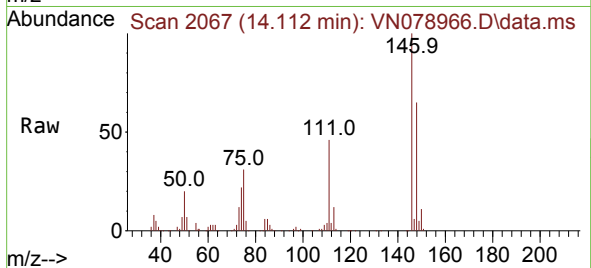
Tgt Ion:146 Resp: 247529

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

148 65.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.716 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

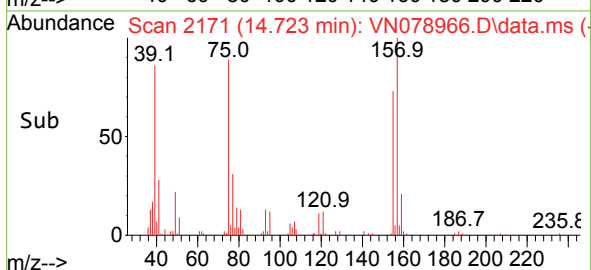
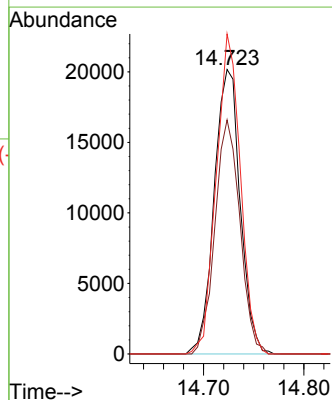
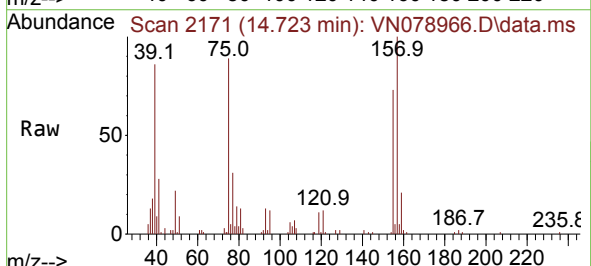
Tgt Ion: 75 Resp: 36352

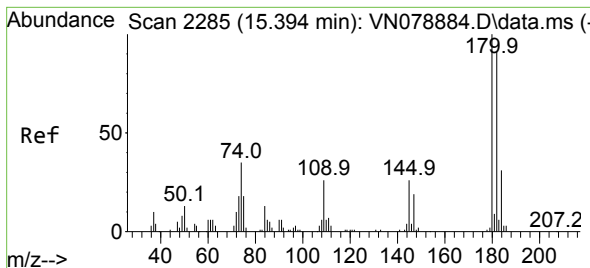
Ion Ratio Lower Upper

75 100

155 79.1 39.1 117.2

157 104.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 53.572 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min MSVOA_N

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

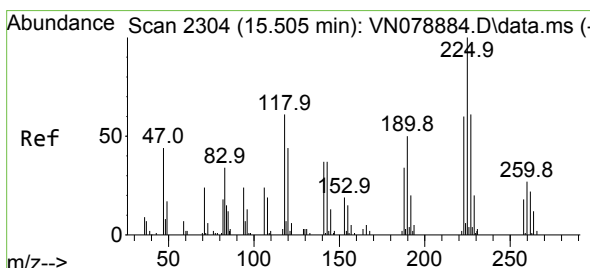
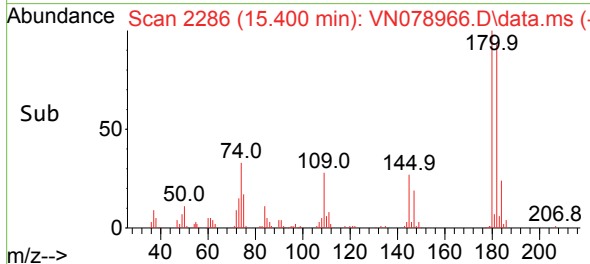
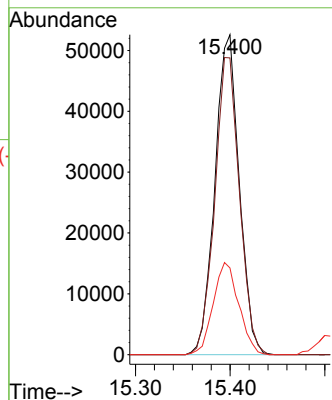
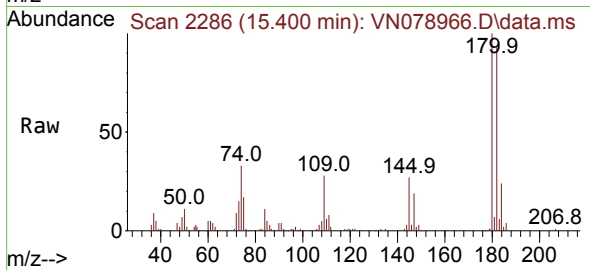
Tgt Ion:180 Resp: 93888

Ion Ratio Lower Upper

180 100

182 94.4 46.1 138.2

145 30.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 51.717 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078966.D

Acq: 21 Aug 2023 11:16

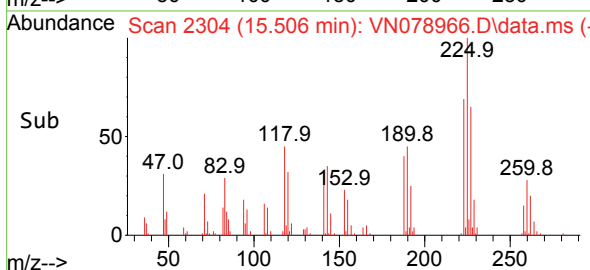
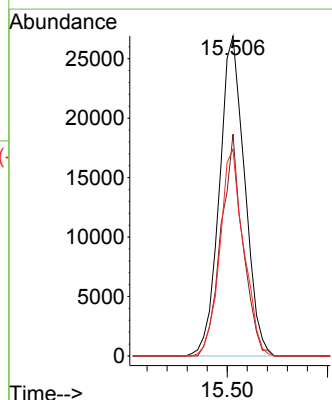
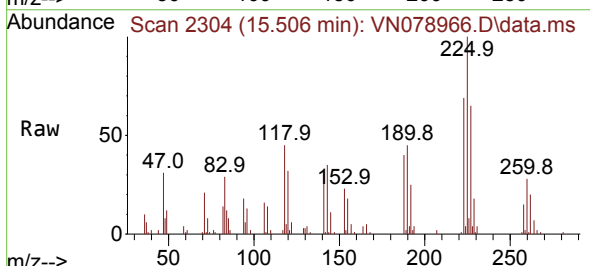
Tgt Ion:225 Resp: 46868

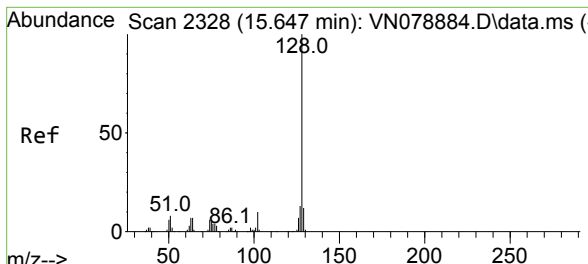
Ion Ratio Lower Upper

225 100

223 60.3 31.3 93.8

227 61.3 31.9 95.9

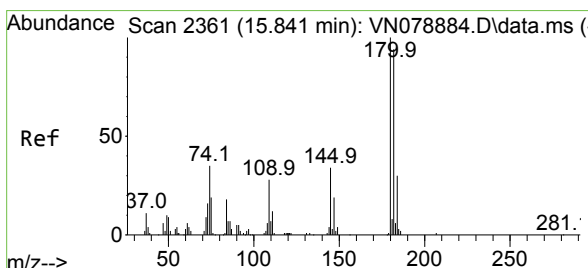
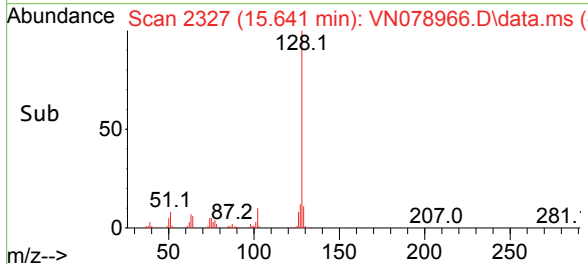
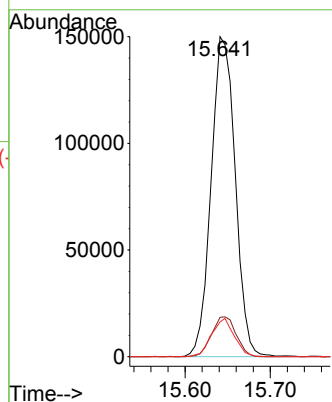
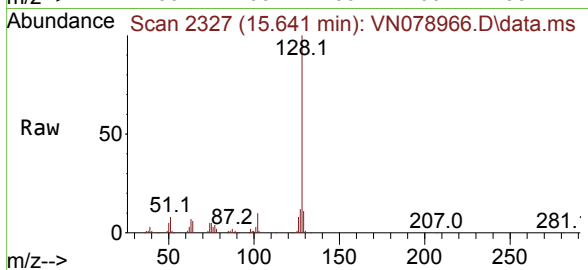




#95
Naphthalene
Concen: 44.685 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 294905
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.569 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078966.D
Acq: 21 Aug 2023 11:16

Tgt Ion:180 Resp: 95147
Ion Ratio Lower Upper
180 100
182 98.5 46.2 138.6
145 32.5 17.5 52.6

