

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078546.D
 Acq On : 17 Jul 2023 16:27
 Operator : JC\MD
 Sample : 03632-07
 Misc : 7.05g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME

Quant Time: Jul 18 04:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	763397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	756711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	390210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277053	48.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	8.177	113	272616	52.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.220%		
50) Toluene-d8	10.571	98	906951	46.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.660%		
62) 4-Bromofluorobenzene	12.859	95	403734	66.954	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	133.900%#		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1741	0.309	ug/l	89
5) Bromomethane	2.936	94	436	Below Cal	#	4
6) Chloroethane	3.130	64	255	Below Cal	#	43
11) Tert butyl alcohol	5.483	59	9941	11.360	ug/l #	72
18) Methyl Acetate	5.047	43	4331	0.579	ug/l #	64
25) 2-Butanone	7.494	43	3081	1.107	ug/l #	37
31) Cyclohexane	8.218	56	53698	7.001	ug/l #	49
36) 1,1-Dichloropropene	8.230	75	36047	4.817	ug/l #	41
38) Carbon Tetrachloride	8.224	117	44734	5.501	ug/l #	16
39) Methylcyclohexane	9.330	83	8615	1.261	ug/l	87
40) Benzene	8.612	78	13528	0.610	ug/l	99
43) Isopropyl Acetate	8.706	43	12508	1.218	ug/l #	49
47) Bromodichloromethane	9.877	83	7559	0.954	ug/l #	26
48) Methyl methacrylate	9.647	41	22507	4.731	ug/l #	25
49) 1,4-Dioxane	9.706	88	74	0.713	ug/l #	30
51) 4-Methyl-2-Pentanone	10.500	43	14348	2.349	ug/l #	78
52) Toluene	10.641	92	17053	1.241	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	21501	3.972	ug/l #	35
56) Ethyl methacrylate	10.929	69	5105	0.675	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.165	63	2829	1.049	ug/l #	42
59) 2-Hexanone	11.176	43	10271	2.366	ug/l #	19
67) Ethyl Benzene	11.971	91	452018	15.810	ug/l	97
68) m/p-Xylenes	12.076	106	334556	31.649	ug/l	97
69) o-Xylene	12.406	106	94442	8.845	ug/l	95
70) Styrene	12.400	104	6288	0.376	ug/l #	1
71) Bromoform	12.853	173	2135	0.484	ug/l #	28
73) Isopropylbenzene	12.700	105	63558	1.733	ug/l	97
74) N-amyl acetate	12.482	43	5007	0.396	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.941	83	1169	Below Cal	#	1
76) 1,2,3-Trichloropropane	13.106	75	6768	0.718	ug/l #	1
77) Bromobenzene	12.988	156	289	Below Cal	#	1
78) n-propylbenzene	13.041	91	363632	9.273	ug/l	100
79) 2-Chlorotoluene	13.100	91	84620	3.295	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.176	105	442784	15.284	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	209782	58.448	ug/l #	15
82) 4-Chlorotoluene	13.176	91	47321	1.975	ug/l #	41

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

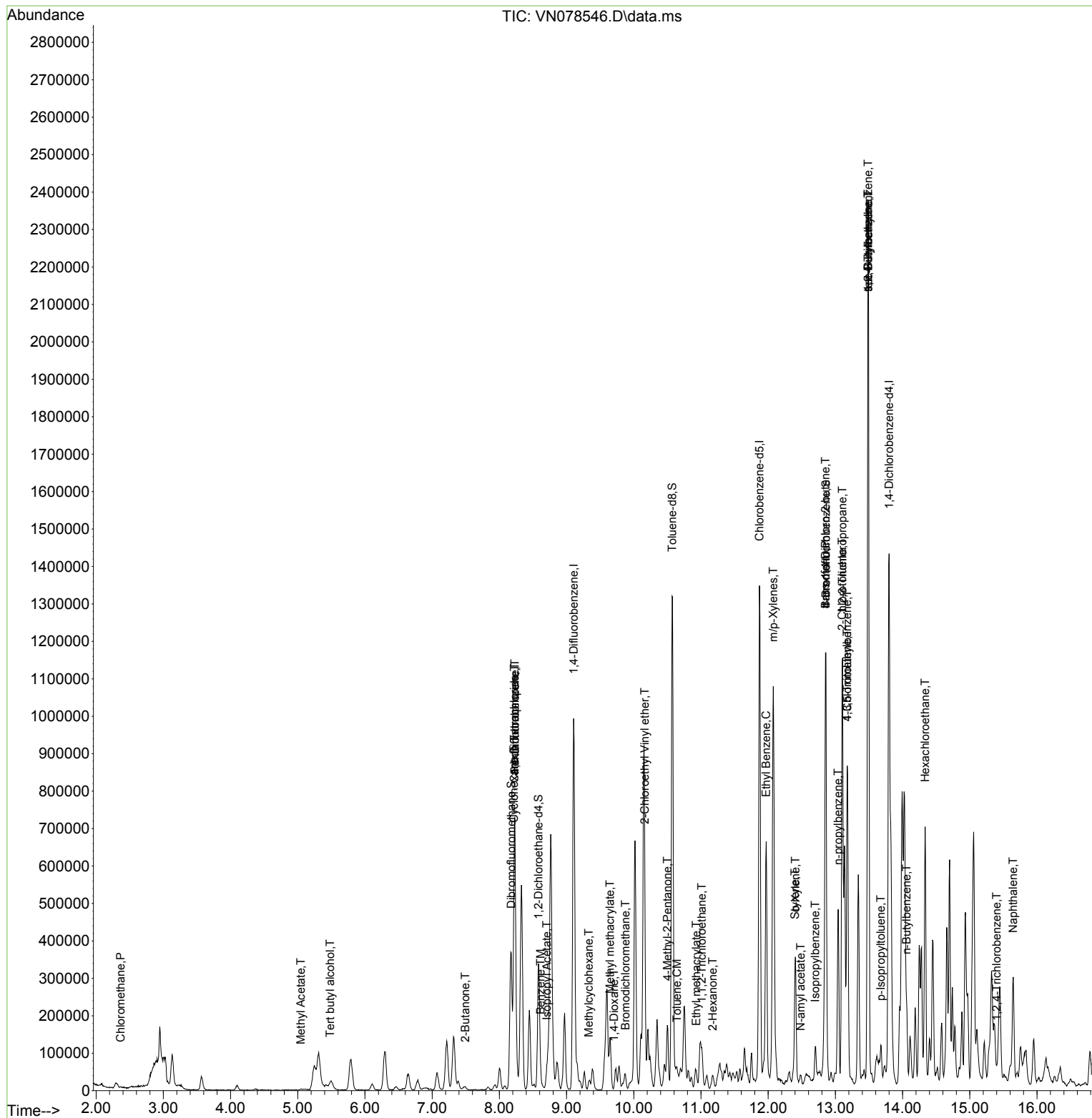
83) tert-Butylbenzene	13.488	119	166238	6.759	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.488	105	1344851	47.792	ug/l	99
85) sec-Butylbenzene	13.488	105	1344851	43.258	ug/l #	57
86) p-Isopropyltoluene	13.676	119	47181	1.890	ug/l	99
89) n-Butylbenzene	14.059	91	101236	5.668	ug/l #	77
90) Hexachloroethane	14.335	117	36245	7.201	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.735	75	645	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.400	180	1148	0.257	ug/l #	75
94) Hexachlorobutadiene	15.500	225	144	Below Cal	#	51
95) Naphthalene	15.647	128	248153	16.236	ug/l	96

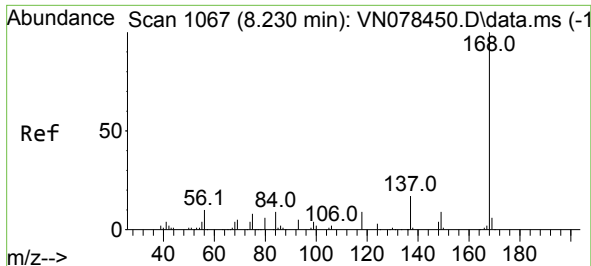
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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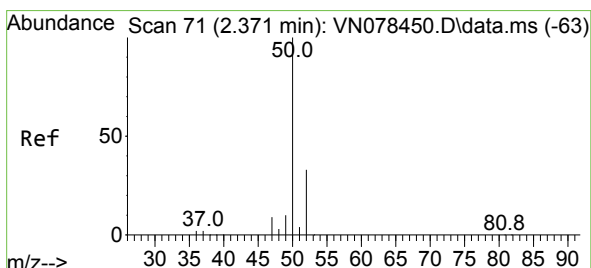
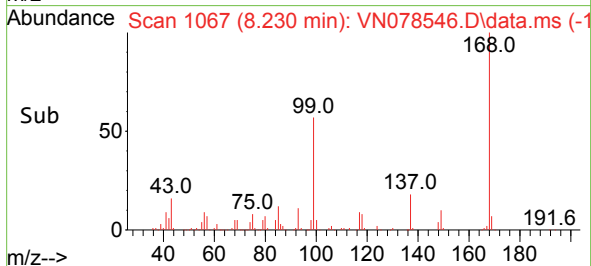
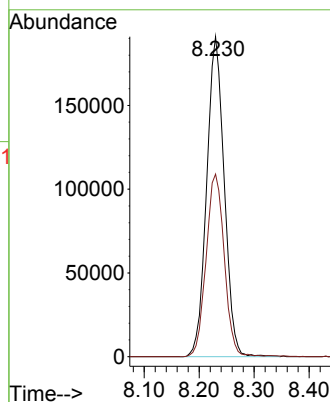
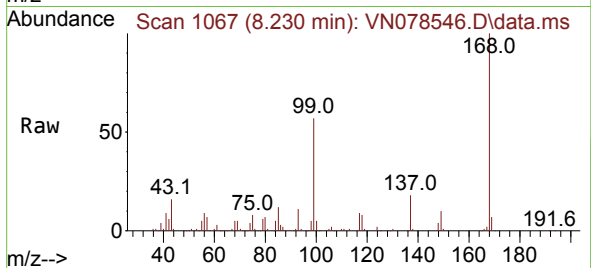




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

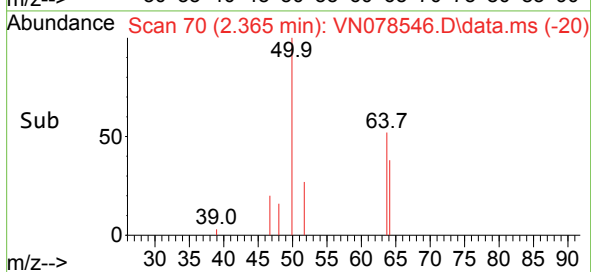
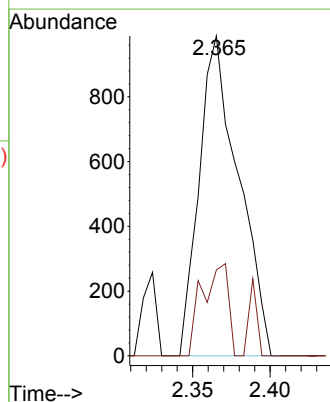
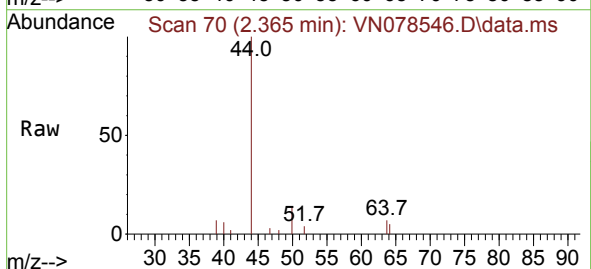
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

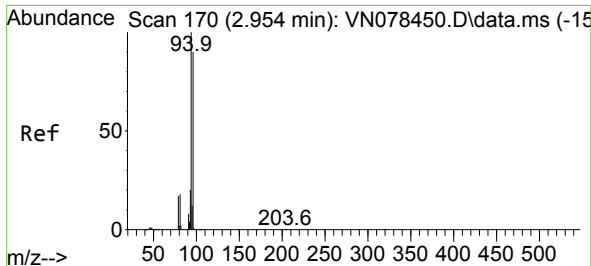
Tgt Ion:168 Resp: 423327
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 50 Resp: 1741
Ion Ratio Lower Upper
50 100
52 26.8 26.5 39.7

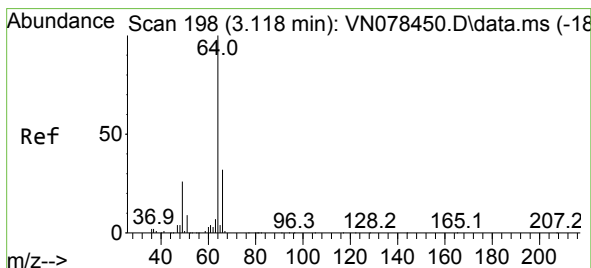
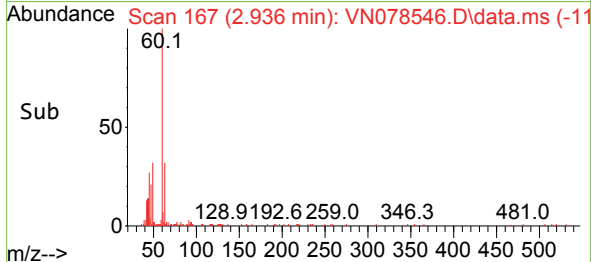
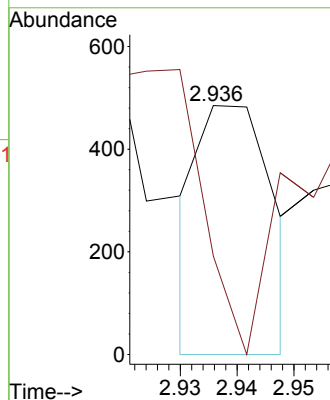
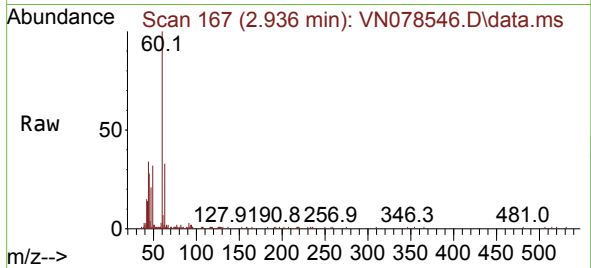




#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

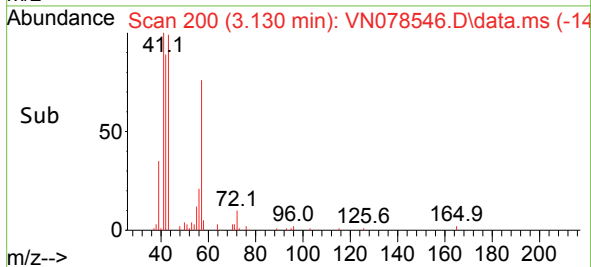
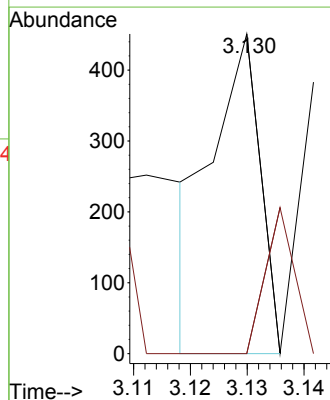
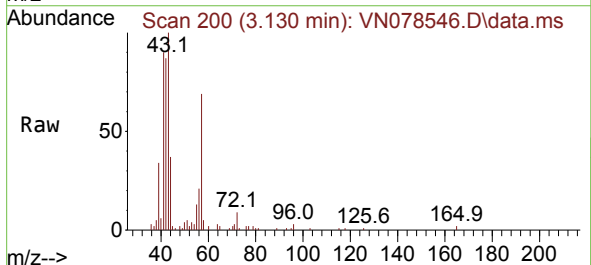
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

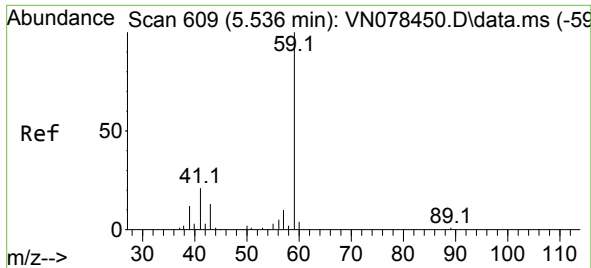
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 64 Resp: 255
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

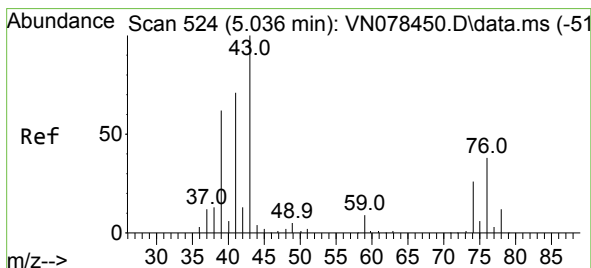
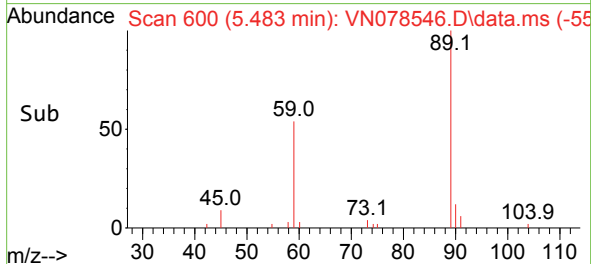
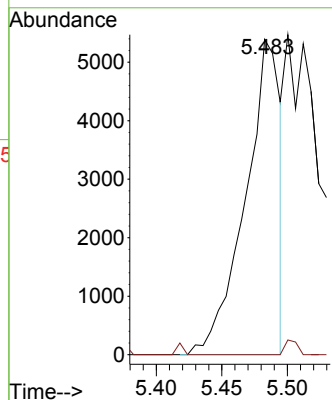
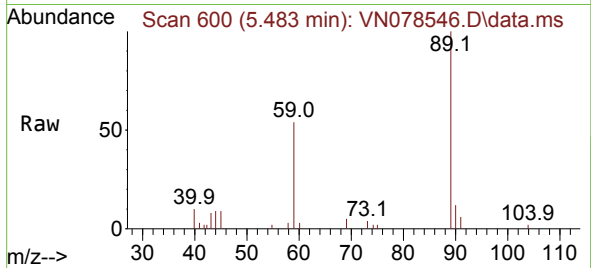




#11
Tert butyl alcohol
Concen: 11.360 ug/l
RT: 5.483 min Scan# 609
Delta R.T. -0.053 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

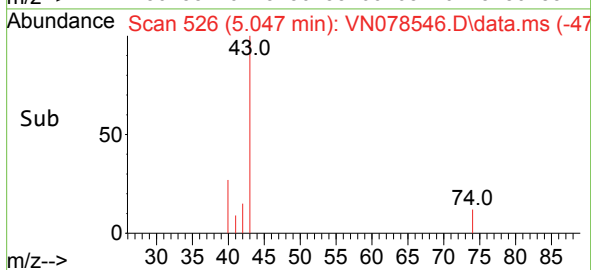
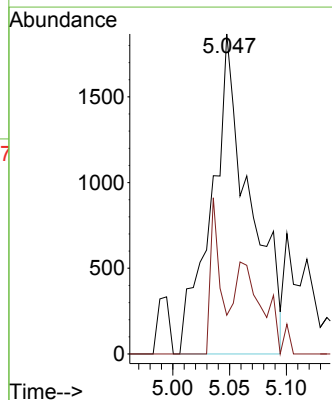
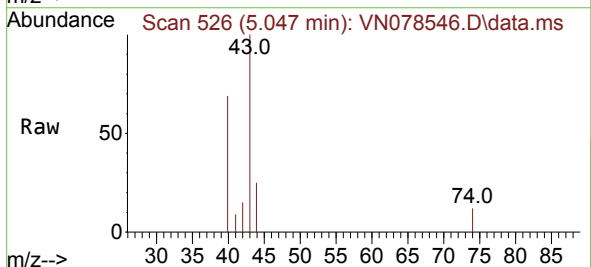
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

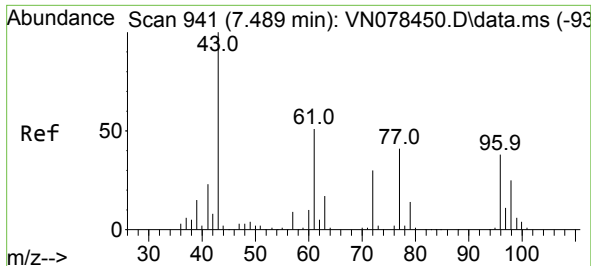
Tgt Ion: 59 Resp: 9941
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#18
Methyl Acetate
Concen: 0.579 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
74 12.4 26.2 39.4#

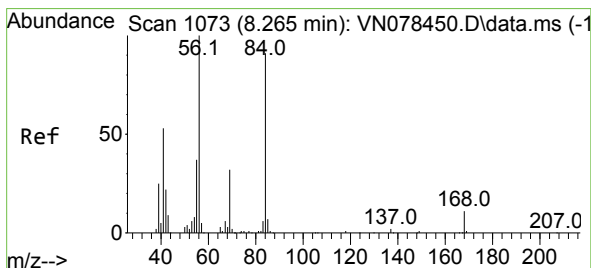
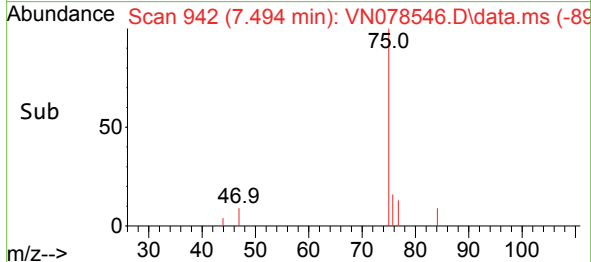
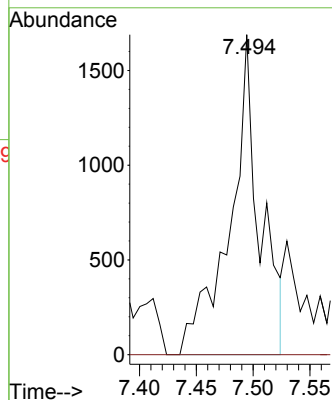
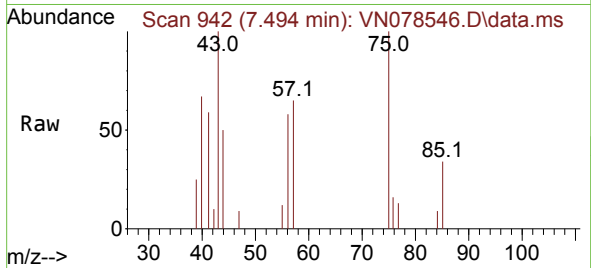




#25
2-Butanone
Concen: 1.107 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

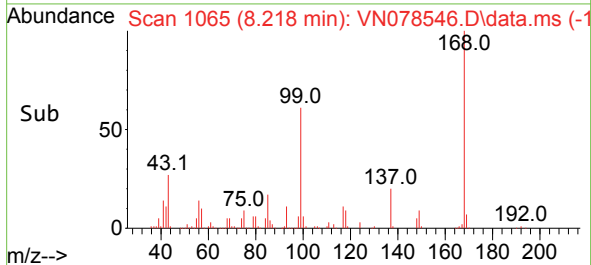
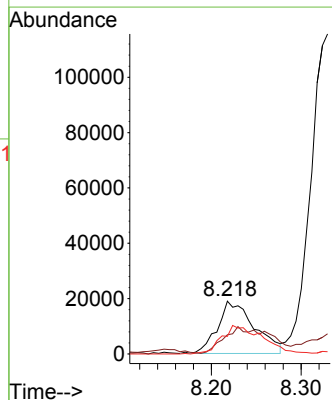
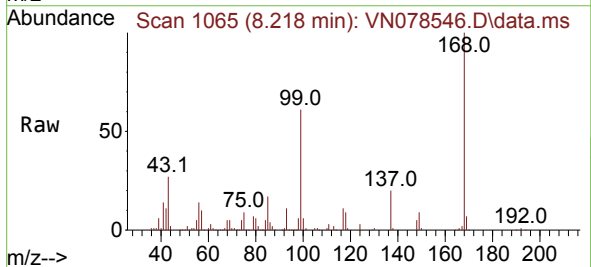
Instrument :
MSVOA_N
ClientSampleId :
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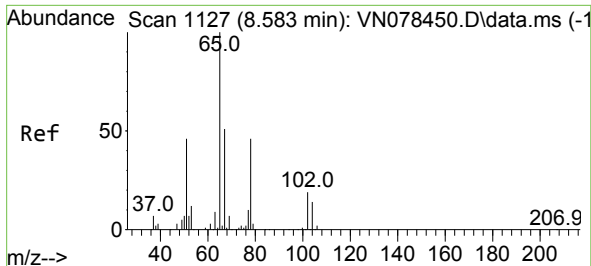
Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 7.001 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 56 Resp: 53698
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 33.6 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.819 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

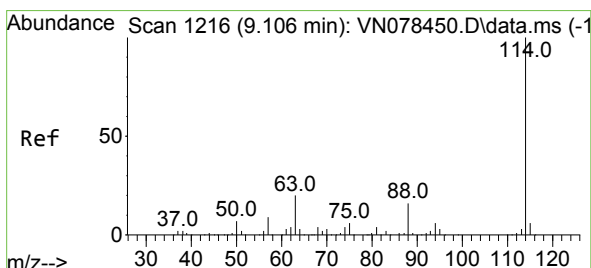
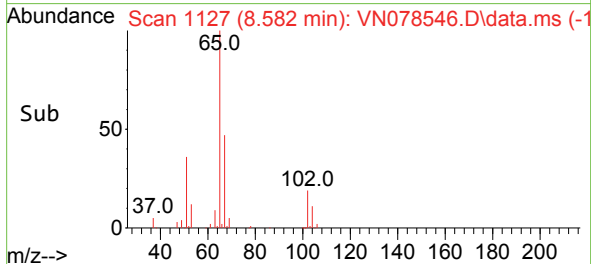
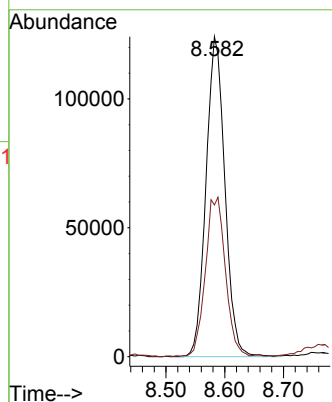
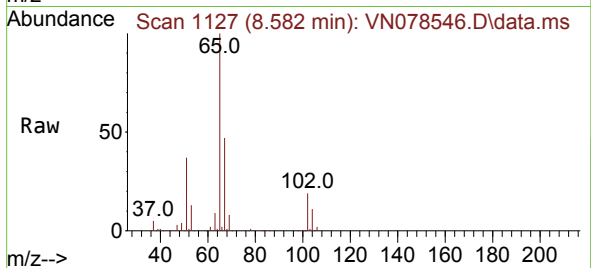
SB-10-(9-11)ME

Tgt Ion: 65 Resp: 277053

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

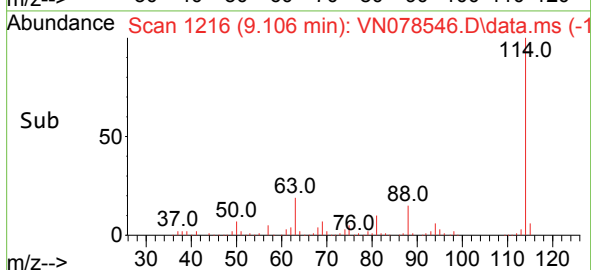
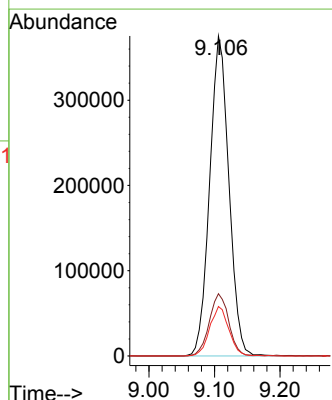
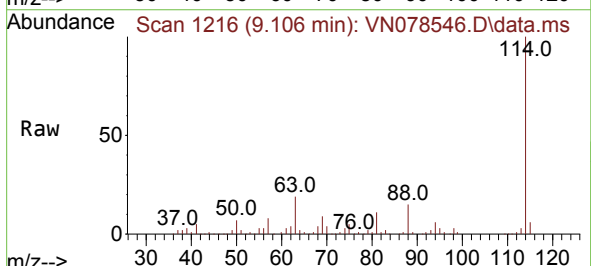
Tgt Ion: 114 Resp: 763397

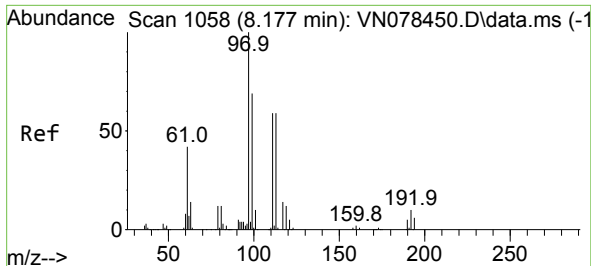
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.5 0.0 30.6

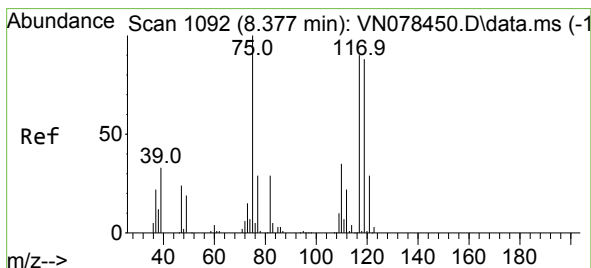
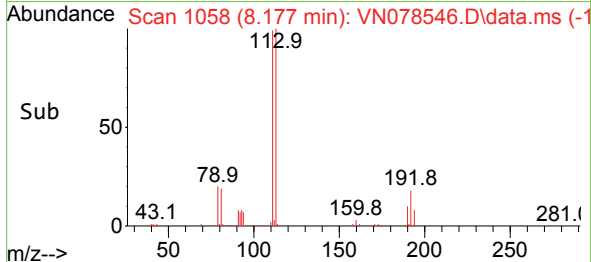
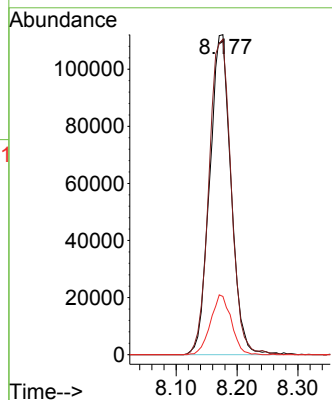
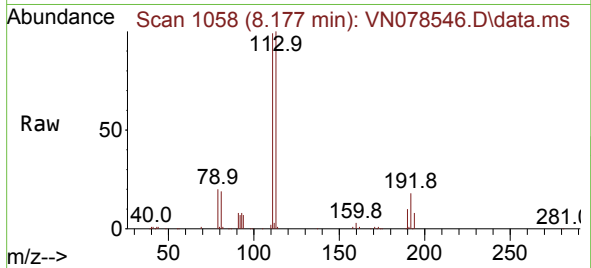




#35
Dibromofluoromethane
Concen: 52.606 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

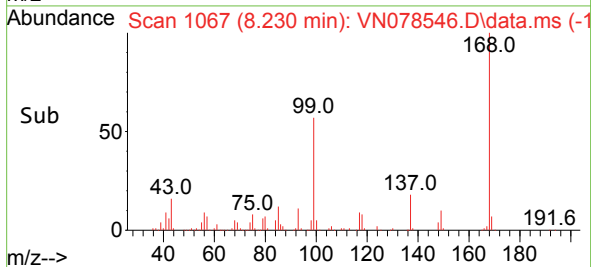
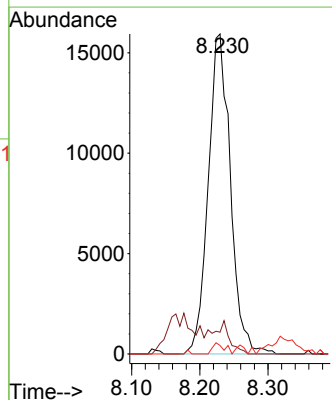
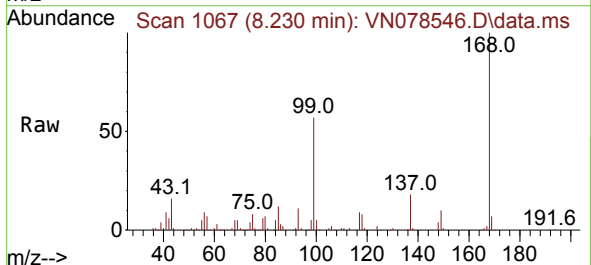
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SB-10-(9-11)ME

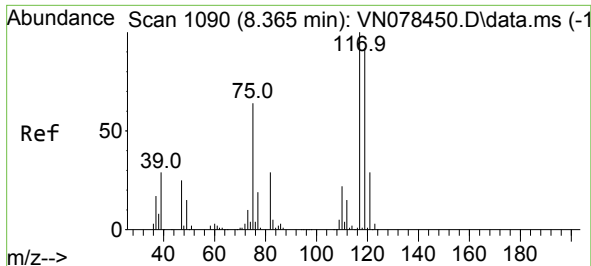
Tgt Ion:113 Resp: 272616
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 75 Resp: 36047
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.3#
77 1.9 25.0 37.4#

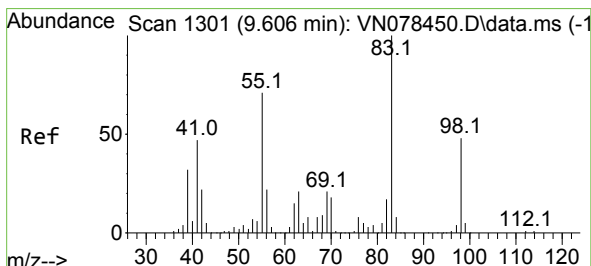
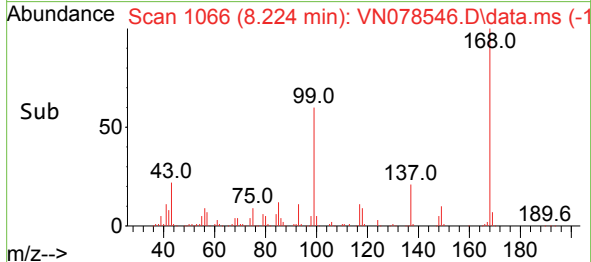
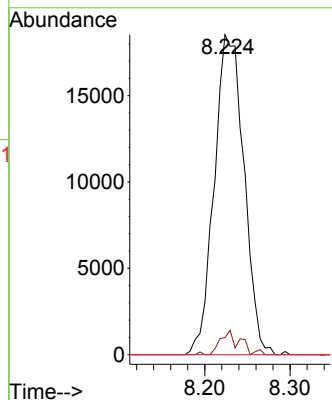
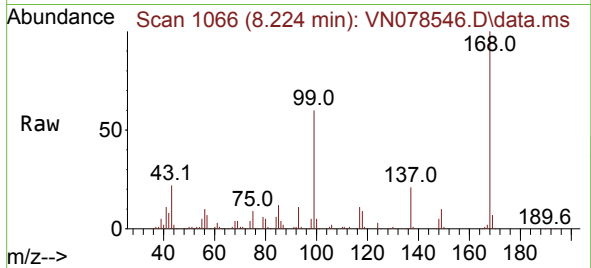




#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 8.224 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

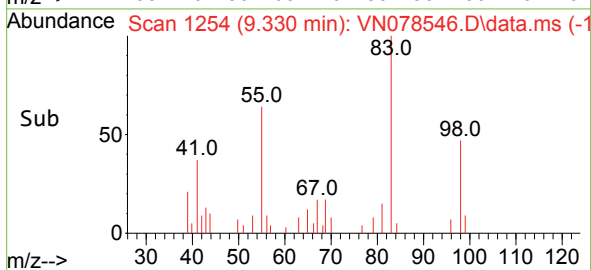
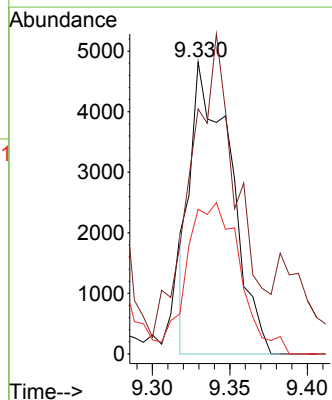
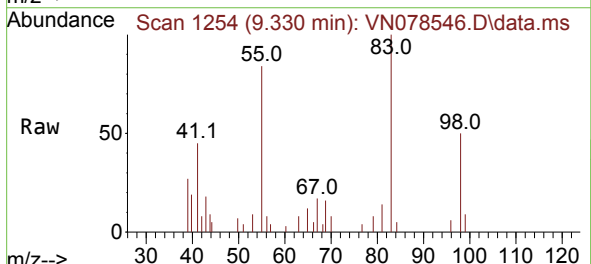
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

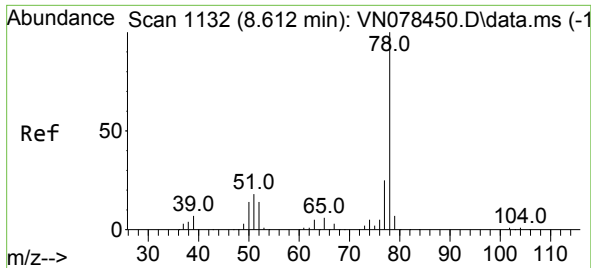
Tgt Ion:117 Resp: 44734
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 1.261 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.276 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 83 Resp: 8615
Ion Ratio Lower Upper
83 100
55 49.4 49.1 73.7
98 43.6 40.6 61.0

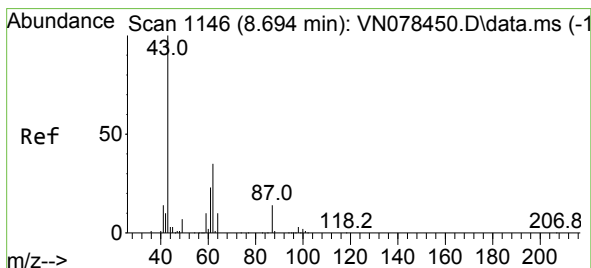
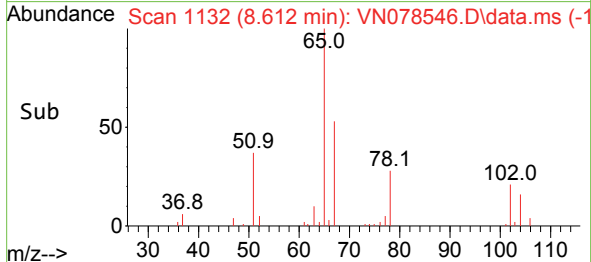
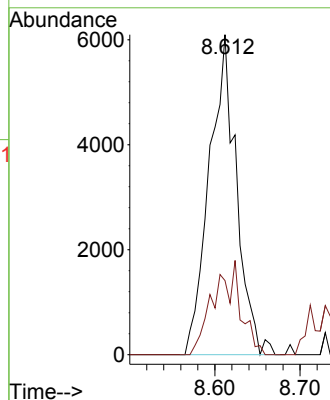
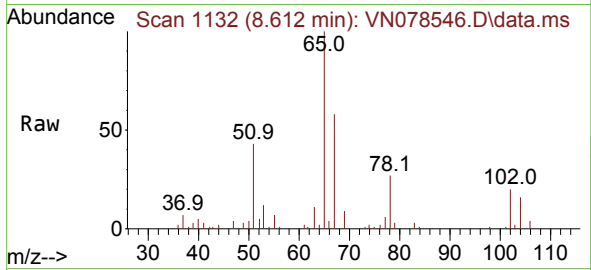




#40
Benzene
Concen: 0.610 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

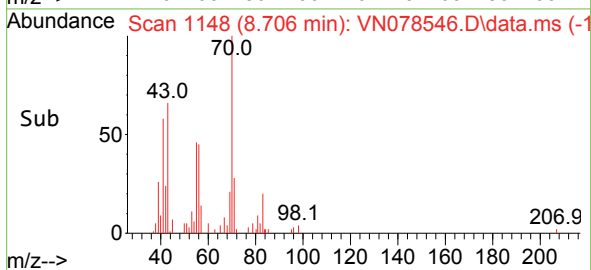
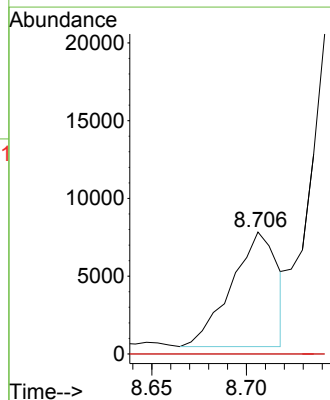
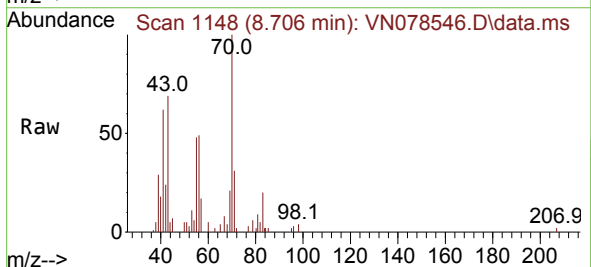
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

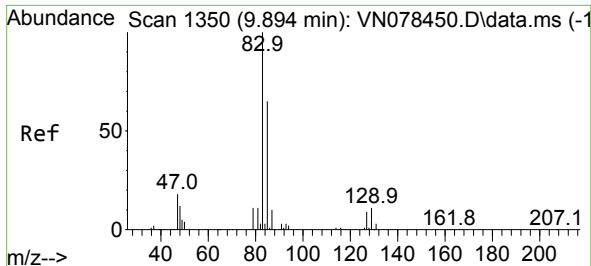
Tgt Ion: 78 Resp: 13528
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#43
Isopropyl Acetate
Concen: 1.218 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 43 Resp: 12508
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

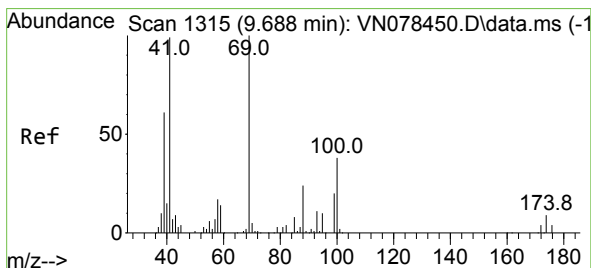
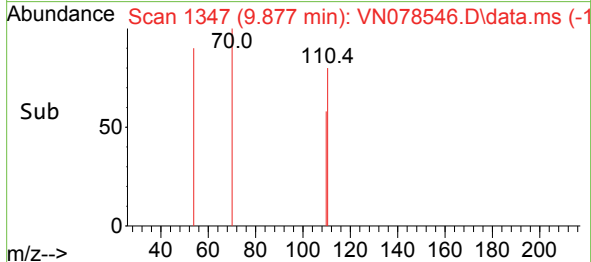
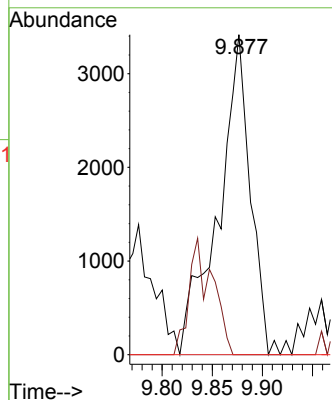
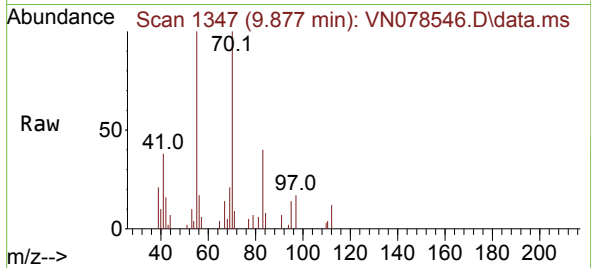




#47
Bromodichloromethane
Concen: 0.954 ug/l
RT: 9.877 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

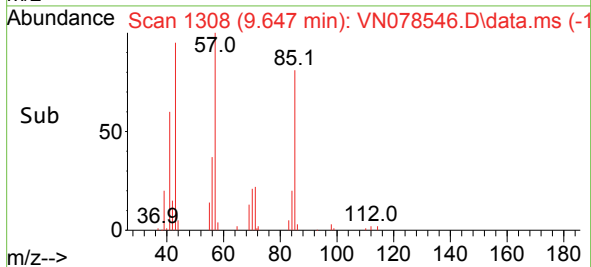
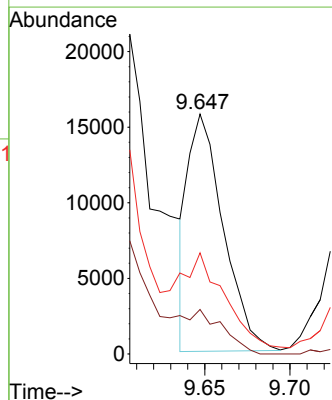
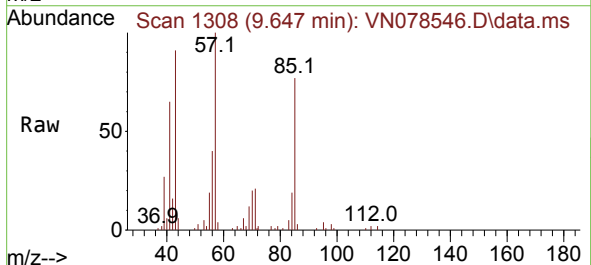
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

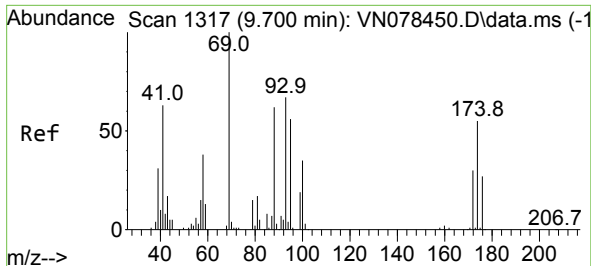
Tgt Ion: 83 Resp: 7559
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 4.731 ug/l
RT: 9.647 min Scan# 1308
Delta R.T. -0.041 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 41 Resp: 22507
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 48.9 54.6 81.8#





#49

1,4-Dioxane

Concen: 0.713 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078546.D

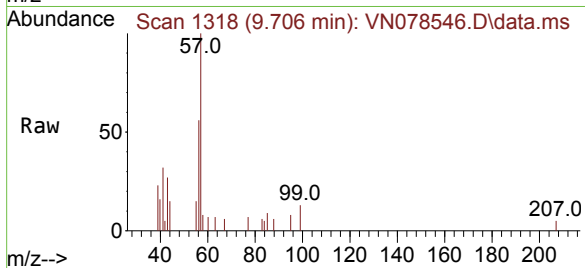
Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)ME



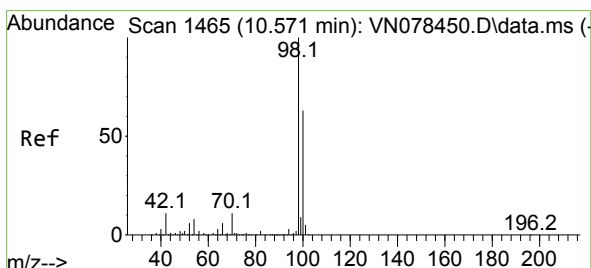
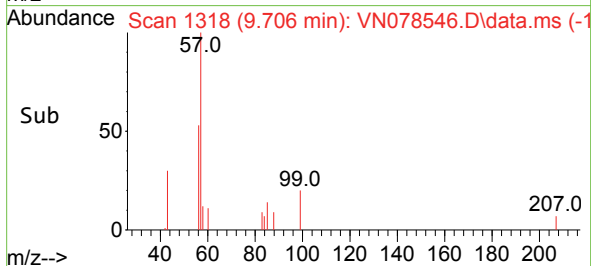
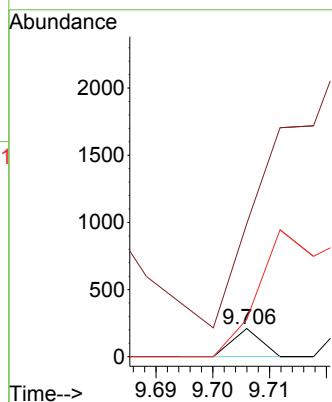
Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 46.328 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078546.D

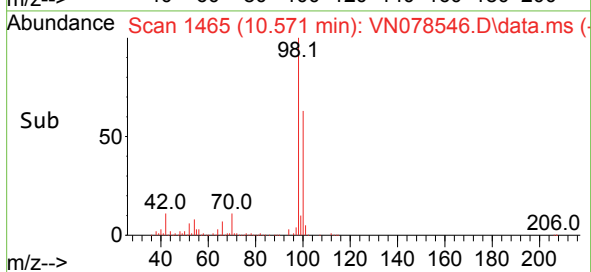
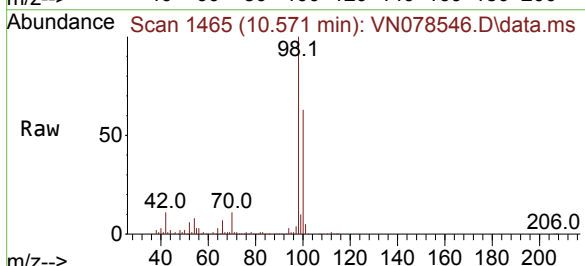
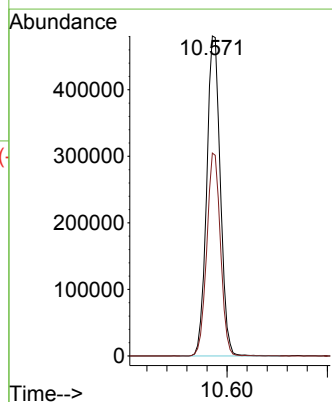
Acq: 17 Jul 2023 16:27

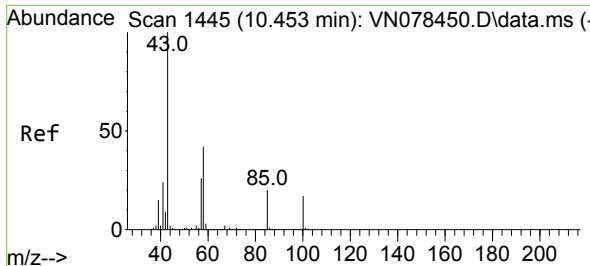
Tgt Ion: 98 Resp: 906951

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

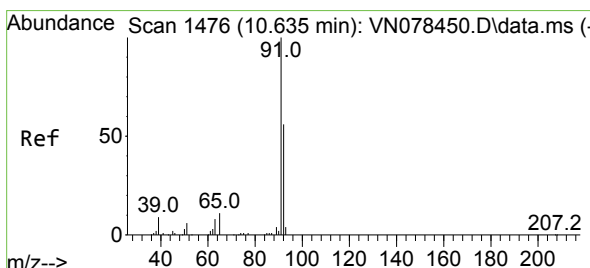
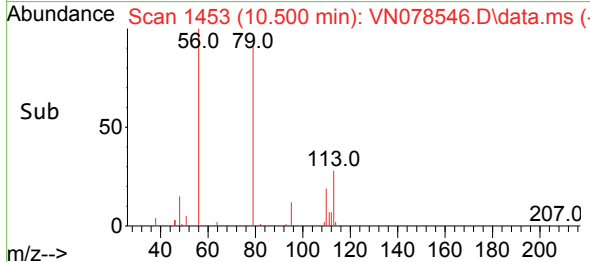
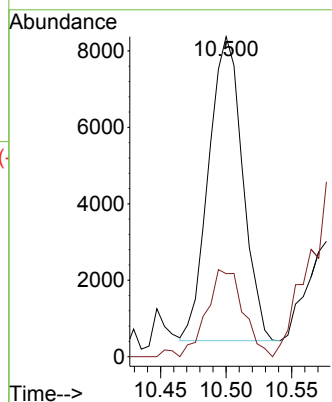
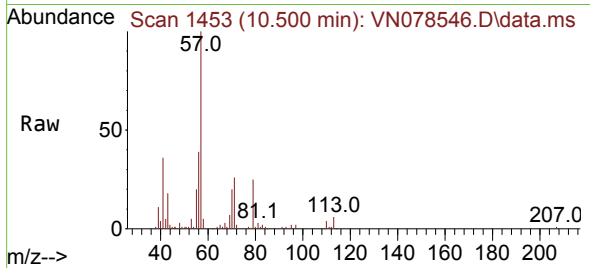




#51
4-Methyl-2-Pentanone
Concen: 2.349 ug/l
RT: 10.500 min Scan# 1445
Delta R.T. 0.047 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

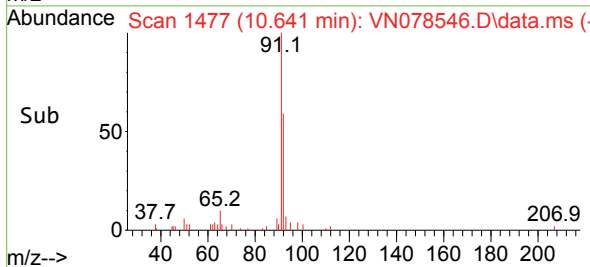
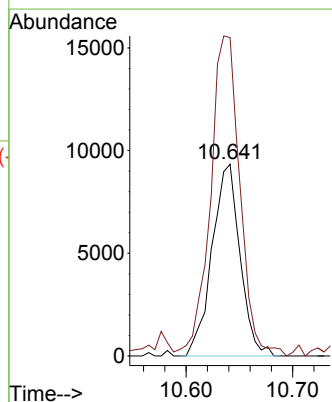
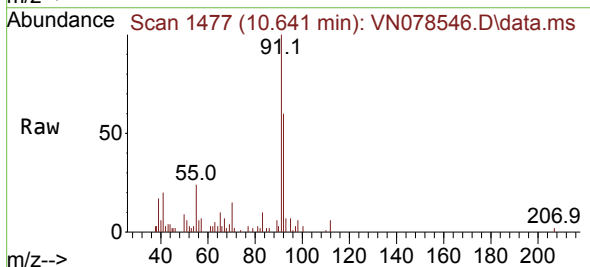
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

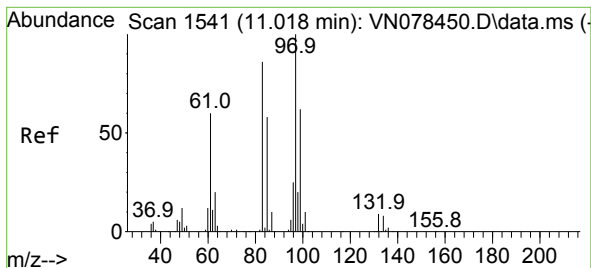
Tgt Ion: 43 Resp: 14348
Ion Ratio Lower Upper
43 100
58 31.4 36.6 54.8#



#52
Toluene
Concen: 1.241 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 92 Resp: 17053
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0





#55

1,1,2-Trichloroethane

Concen: 3.972 ug/l

RT: 11.012 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)ME

Tgt Ion: 97 Resp: 21501

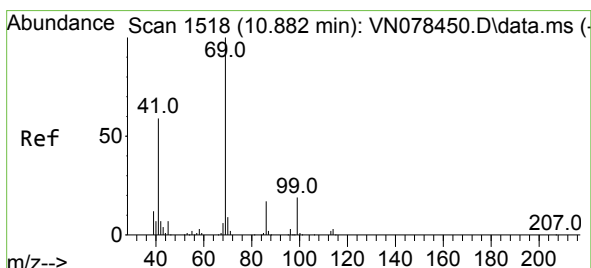
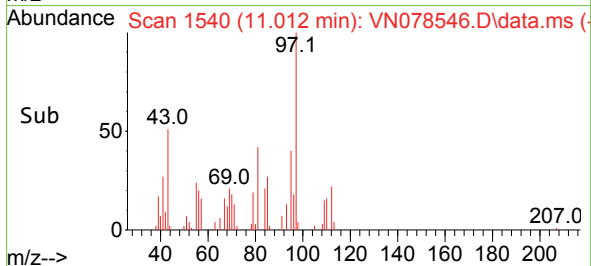
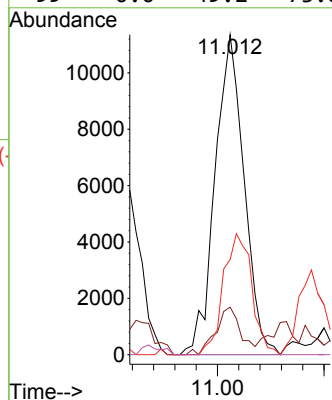
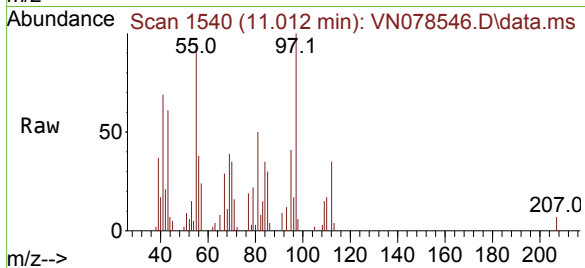
Ion Ratio Lower Upper

97 100

83 14.9 65.1 97.7#

85 29.7 43.4 65.2#

99 0.0 49.2 73.8#



#56

Ethyl methacrylate

Concen: 0.675 ug/l

RT: 10.929 min Scan# 1526

Delta R.T. 0.047 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

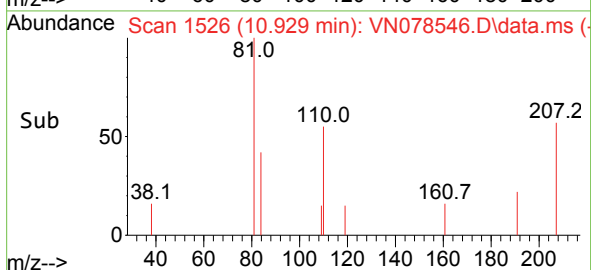
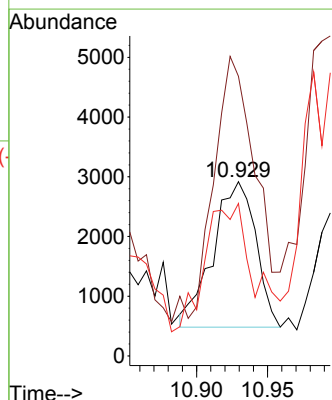
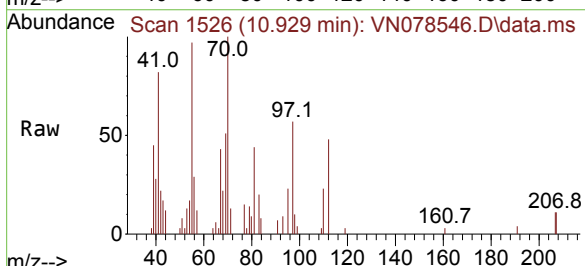
Tgt Ion: 69 Resp: 5105

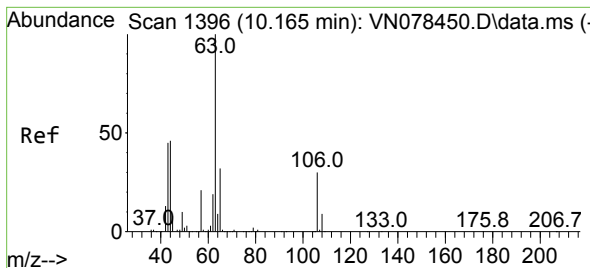
Ion Ratio Lower Upper

69 100

41 181.9 39.6 59.4#

39 99.4 28.6 43.0#

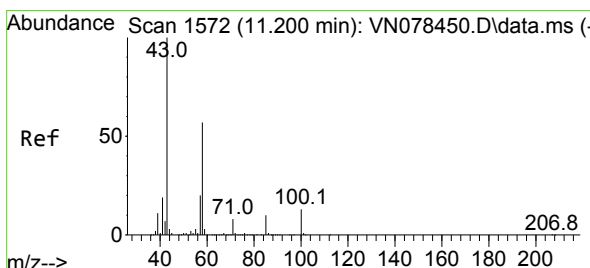
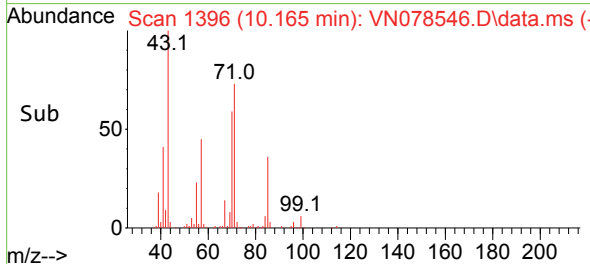
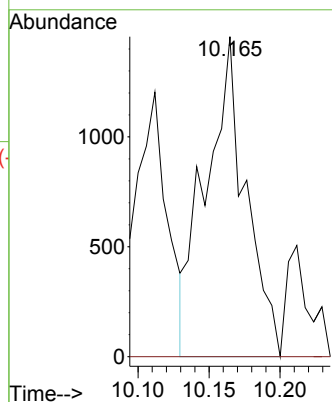
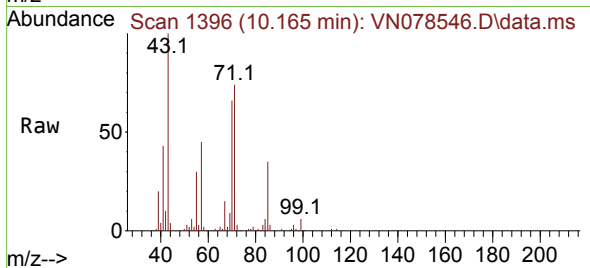




#58
2-Chloroethyl Vinyl ether
Concen: 1.049 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

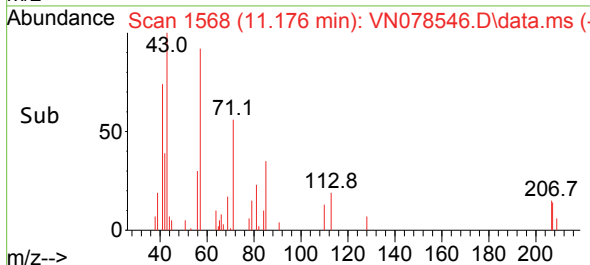
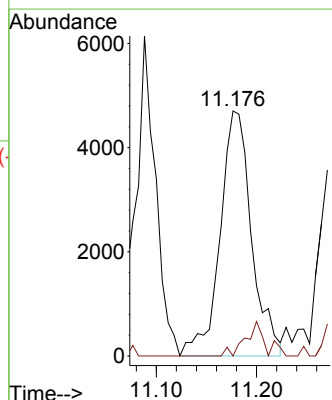
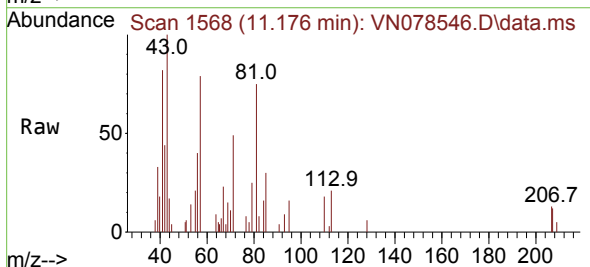
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

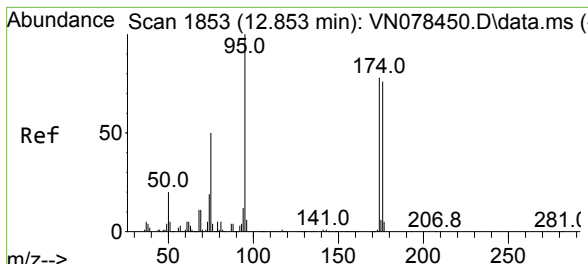
Tgt Ion: 63 Resp: 2829
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 2.366 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 43 Resp: 10271
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

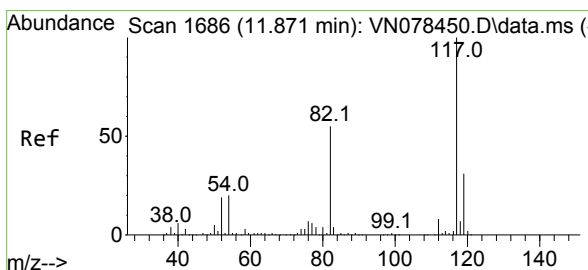
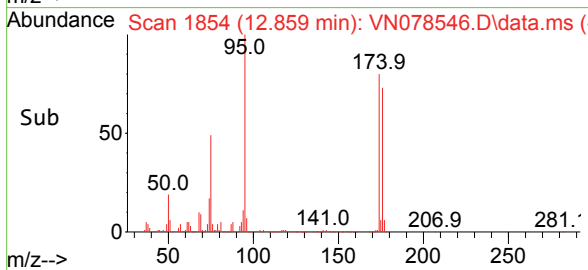
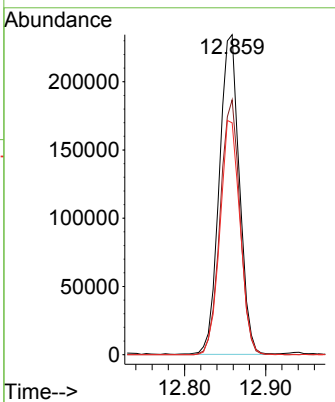
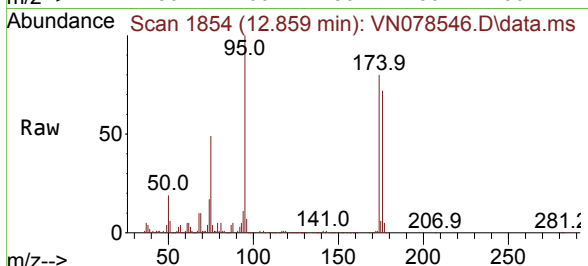




#62
 4-Bromofluorobenzene
 Concen: 66.954 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

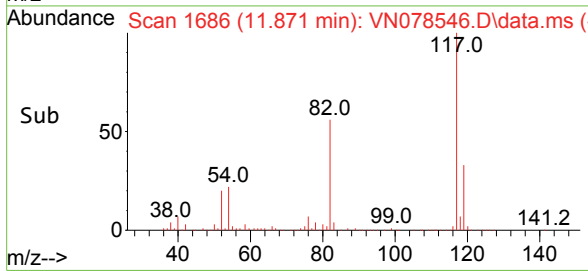
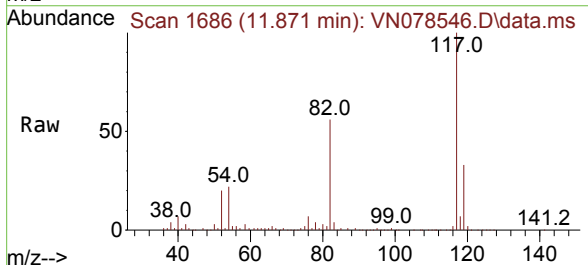
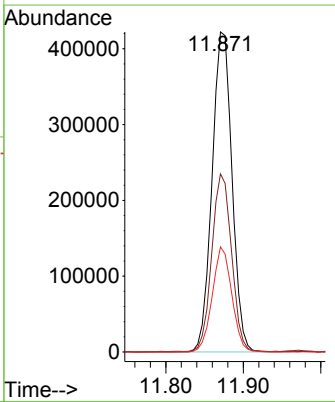
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME

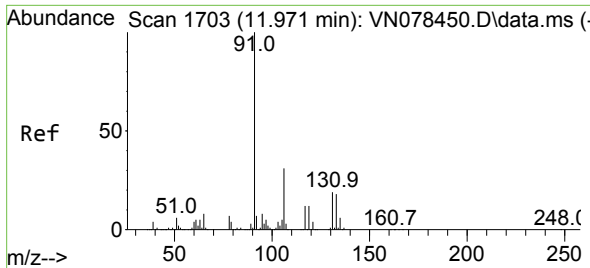
Tgt Ion:	95	Resp:	403734
Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	143.8
176	73.2	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

Tgt Ion:	117	Resp:	756711
Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.0	66.0
119	32.9	25.6	38.4

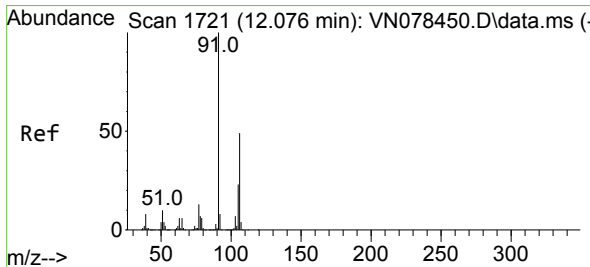
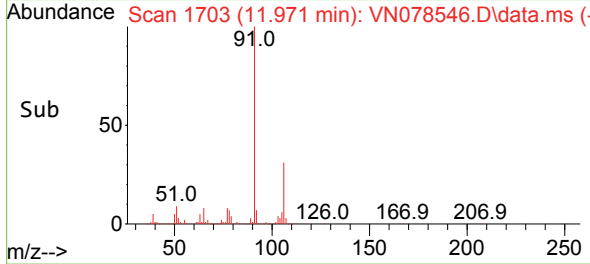
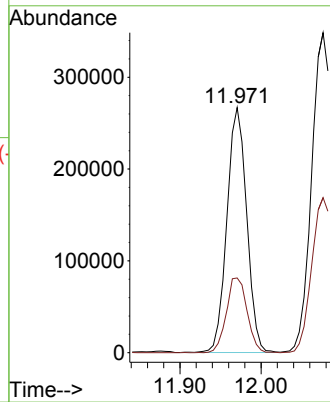
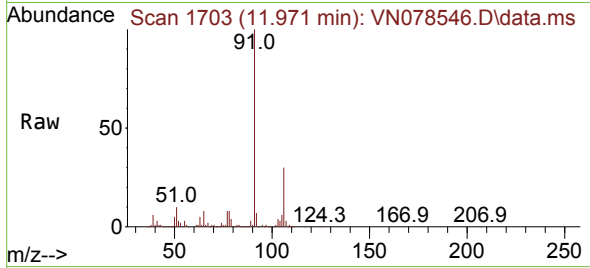




#67
Ethyl Benzene
Concen: 15.810 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

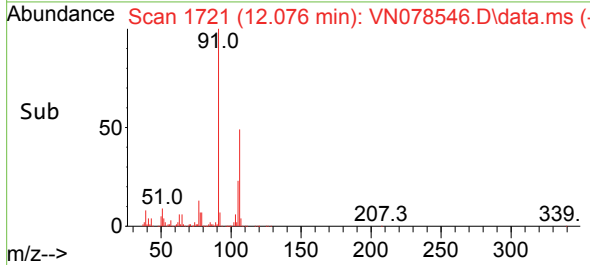
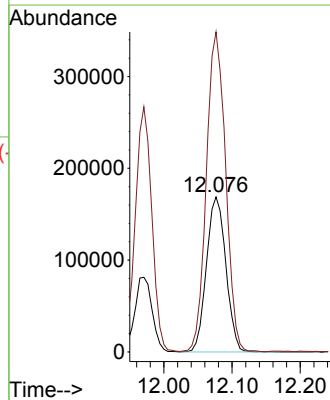
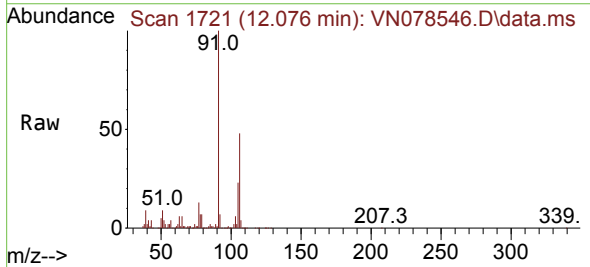
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

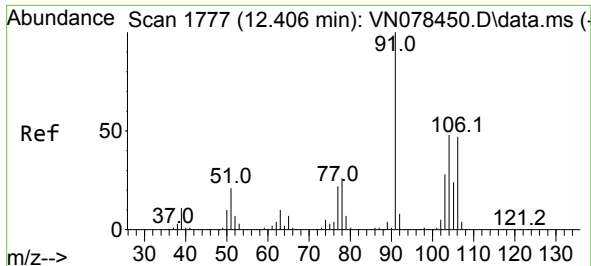
Tgt Ion: 91 Resp: 452018
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 31.649 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 106 Resp: 334556
Ion Ratio Lower Upper
106 100
91 204.4 159.6 239.4

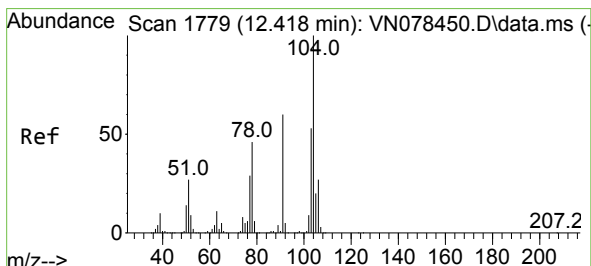
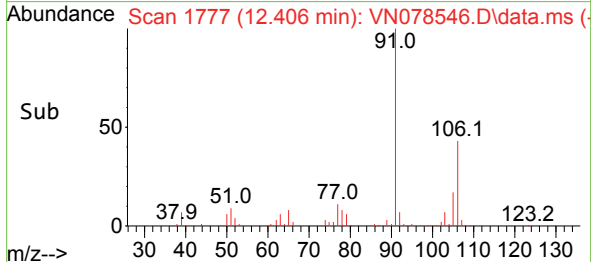
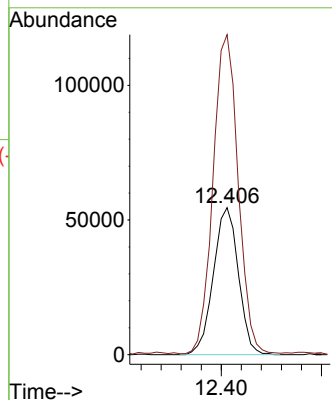
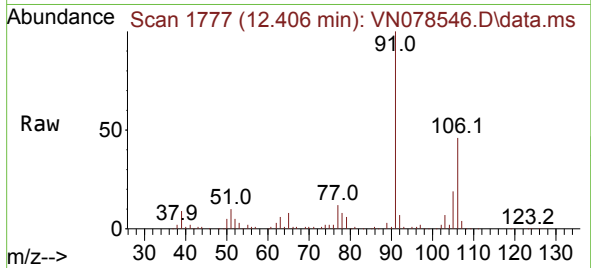




#69
o-Xylene
Concen: 8.845 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

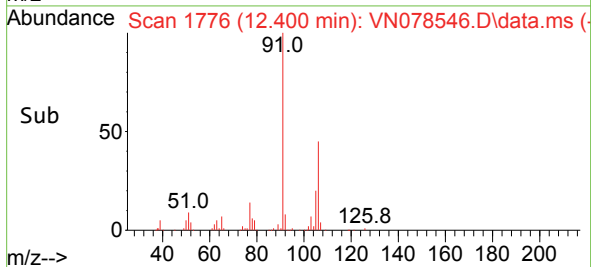
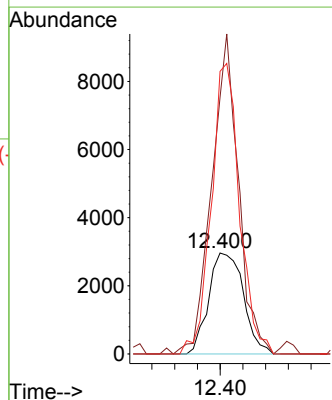
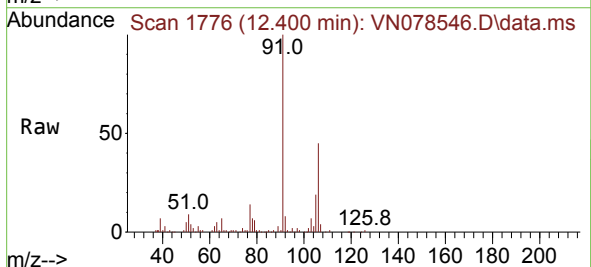
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

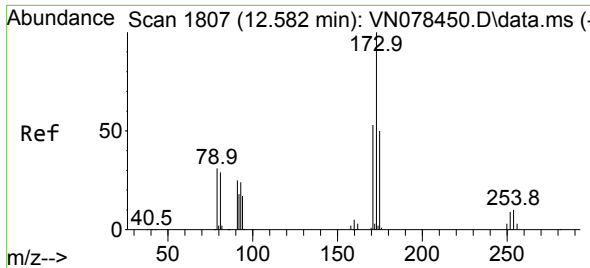
Tgt Ion:106 Resp: 94442
Ion Ratio Lower Upper
106 100
91 217.5 105.2 315.5



#70
Styrene
Concen: 0.376 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.018 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion:104 Resp: 6288
Ion Ratio Lower Upper
104 100
78 245.0 39.5 59.3#
103 234.6 43.2 64.8#

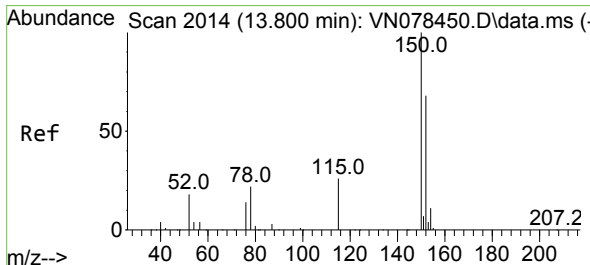
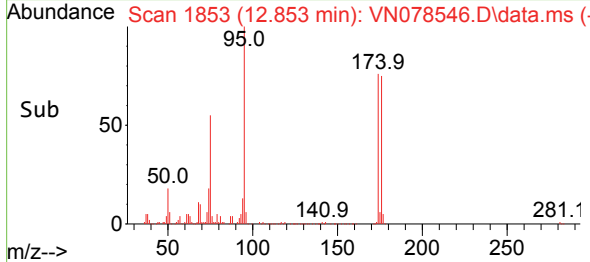
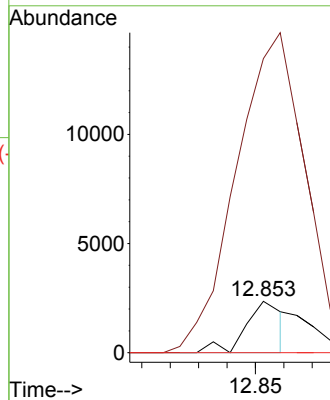
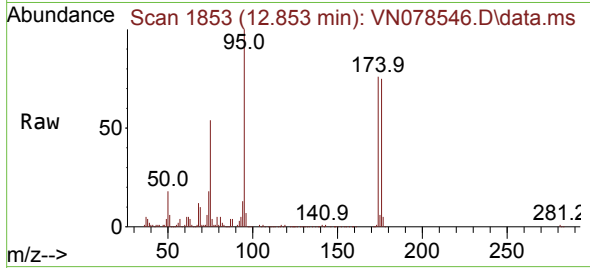




#71
Bromoform
Concen: 0.484 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

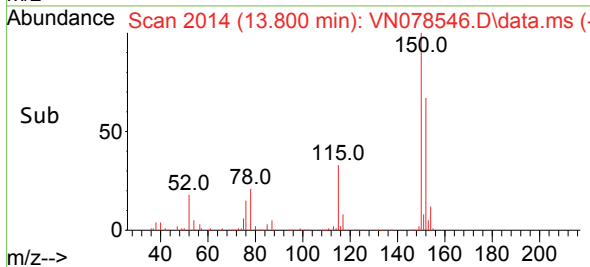
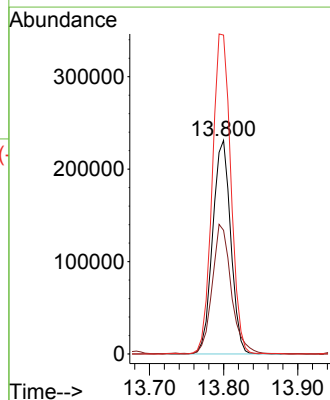
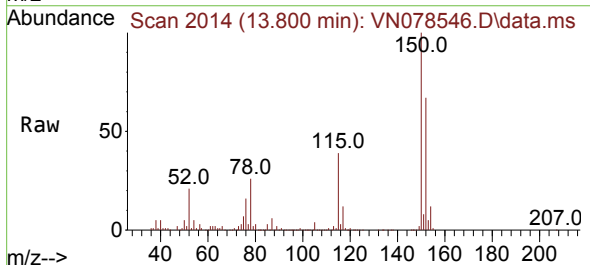
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

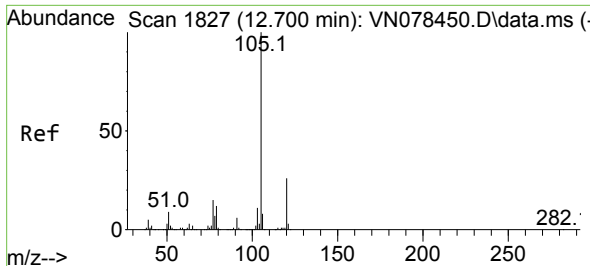
Tgt Ion:173 Resp: 2135
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion:152 Resp: 390210
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 154.3 0.0 355.8

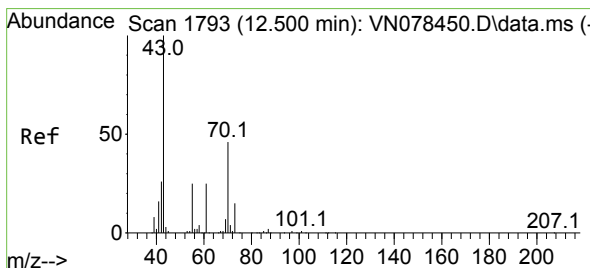
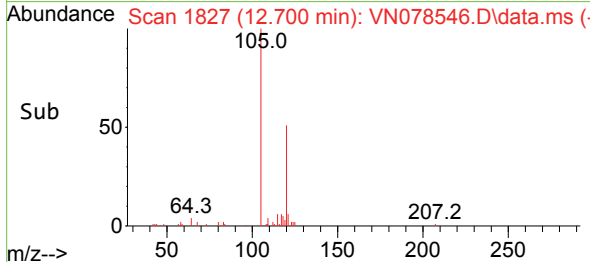
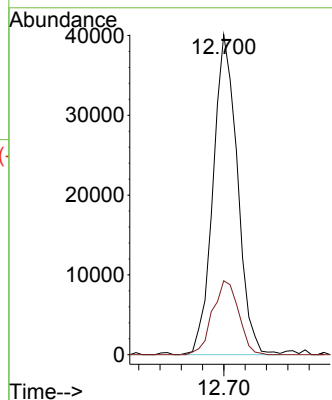
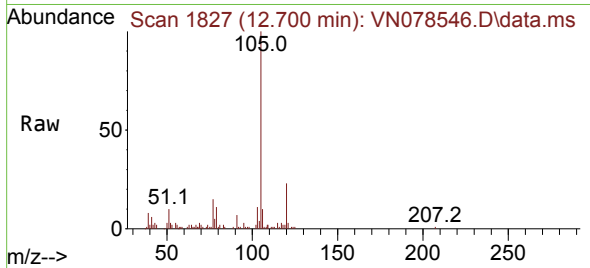




#73
Isopropylbenzene
Concen: 1.733 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

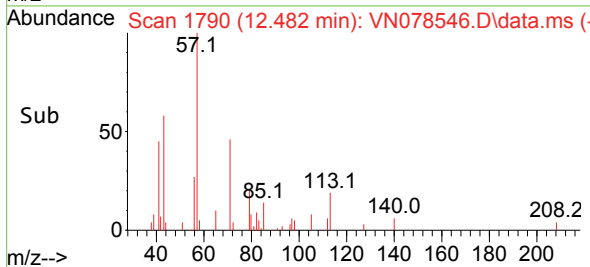
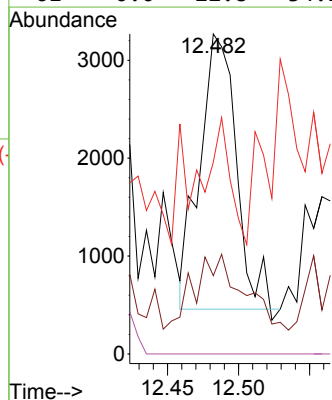
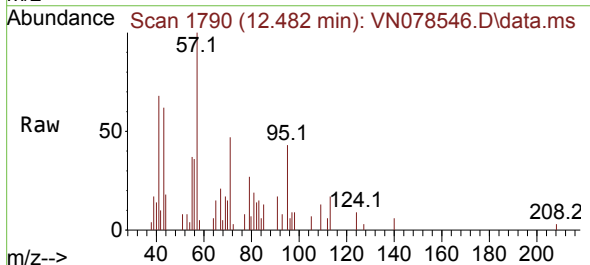
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

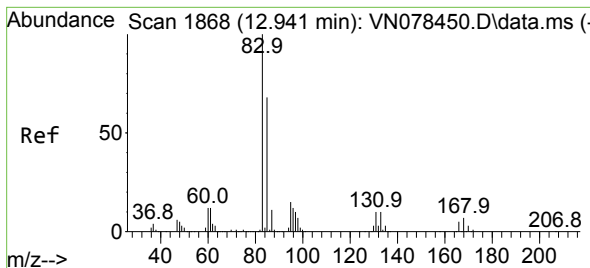
Tgt Ion:105 Resp: 63558
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1



#74
N-ethyl acetate
Concen: 0.396 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 43 Resp: 5007
Ion Ratio Lower Upper
43 100
70 35.9 43.4 65.2#
55 21.7 21.4 32.0
61 0.0 22.8 34.2#

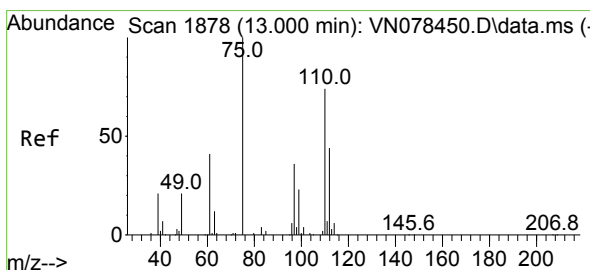
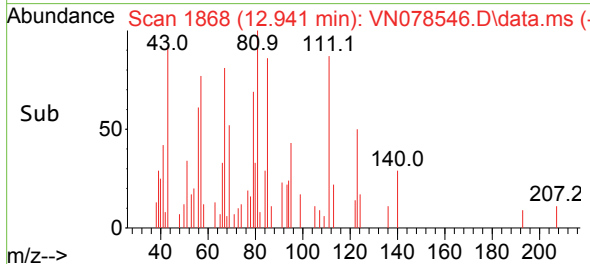
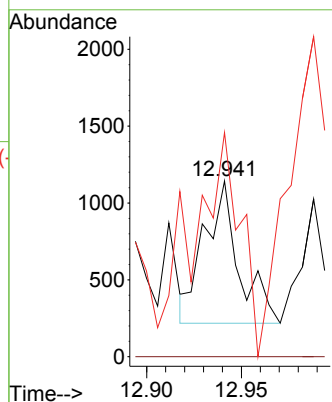
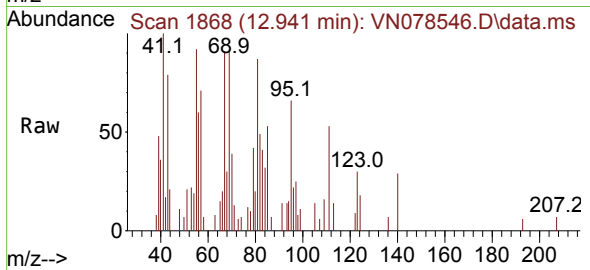




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

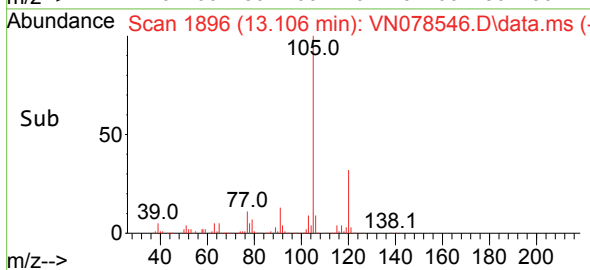
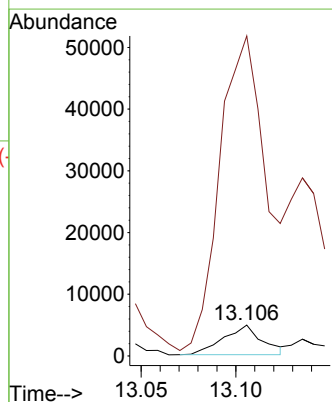
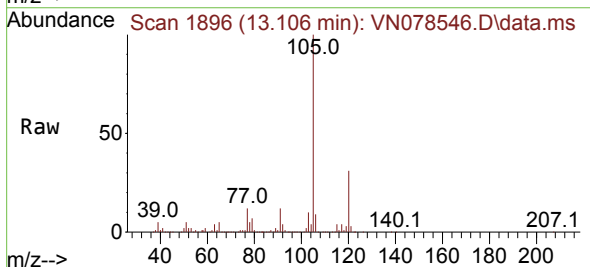
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

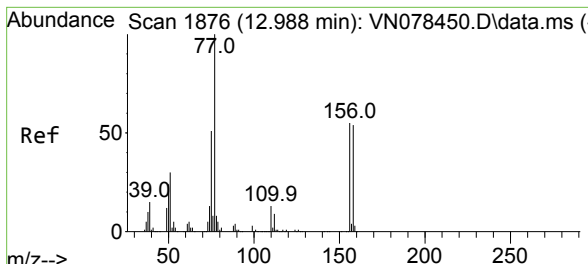
Tgt Ion: 83 Resp: 1169
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 215.0 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 0.718 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.106 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 75 Resp: 6768
Ion Ratio Lower Upper
75 100
77 1294.0 84.5 253.5#

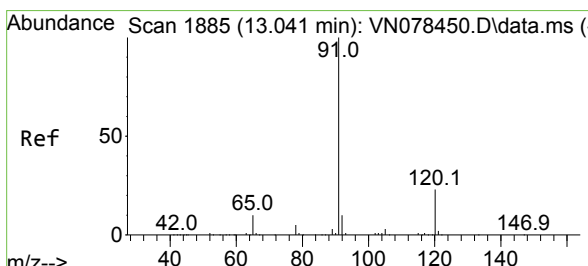
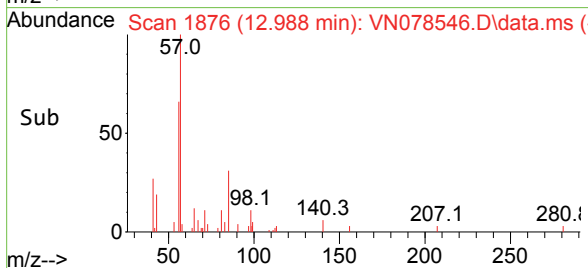
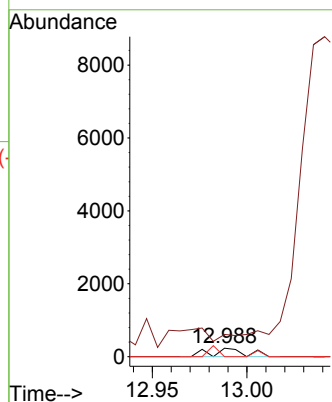
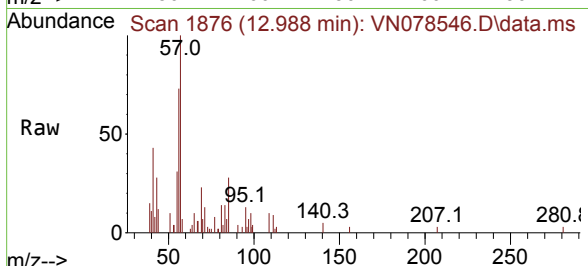




#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

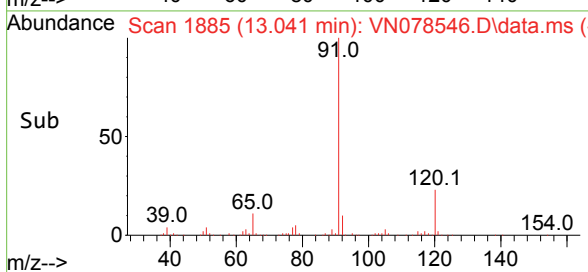
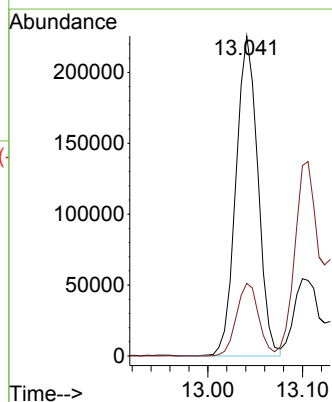
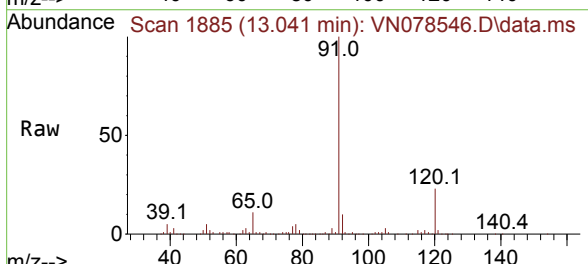
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME

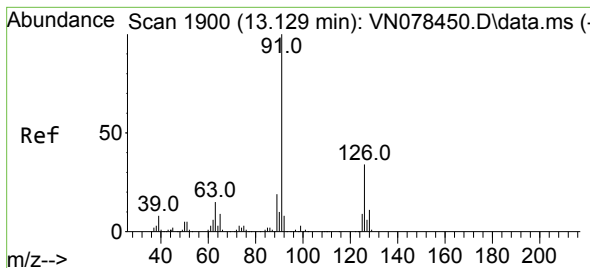
Tgt Ion:156 Resp: 289
 Ion Ratio Lower Upper
 156 100
 77 0.0 107.7 323.3#
 158 37.0 48.4 145.3#



#78
 n-propylbenzene
 Concen: 9.273 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

Tgt Ion: 91 Resp: 363632
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.295 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

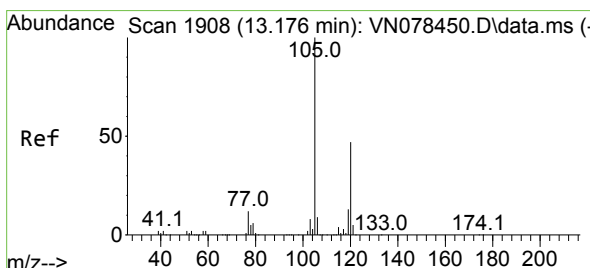
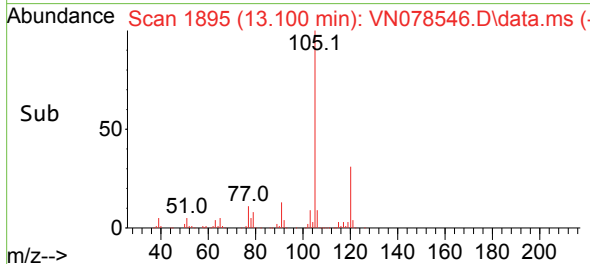
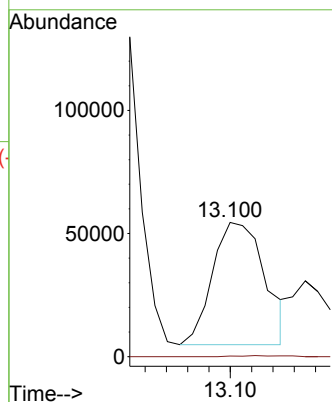
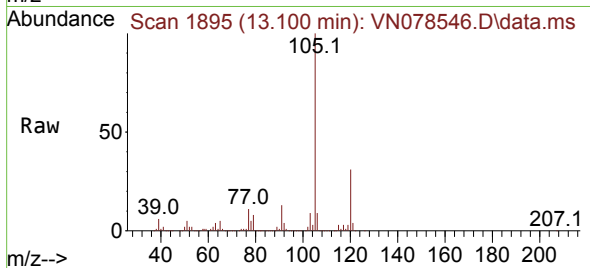
SB-10-(9-11)ME

Tgt Ion: 91 Resp: 84620

Ion Ratio Lower Upper

91 100

126 0.8 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 15.284 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078546.D

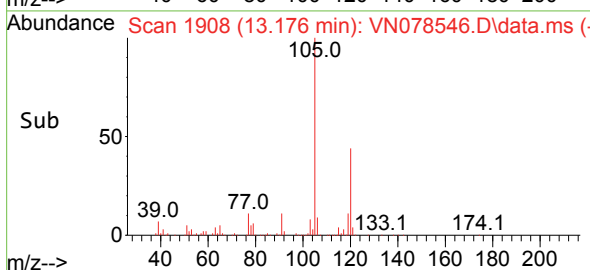
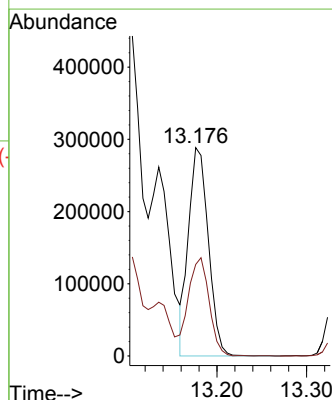
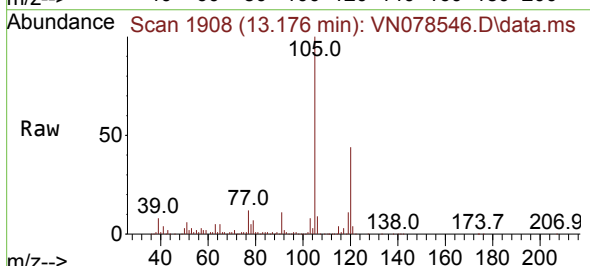
Acq: 17 Jul 2023 16:27

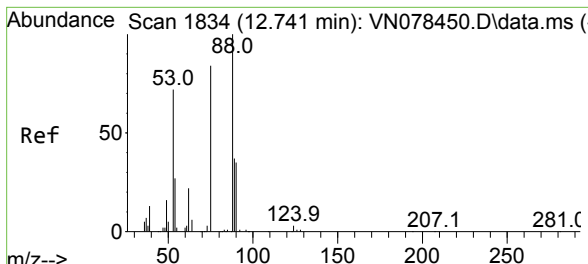
Tgt Ion:105 Resp: 442784

Ion Ratio Lower Upper

105 100

120 50.8 24.1 72.3

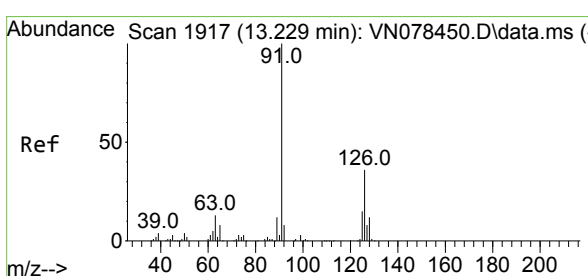
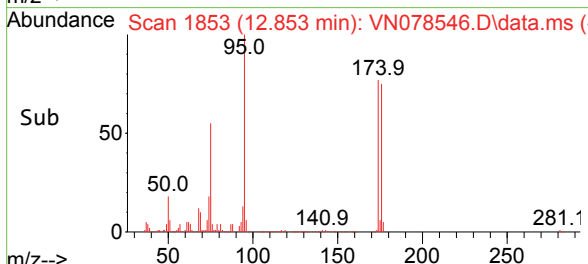
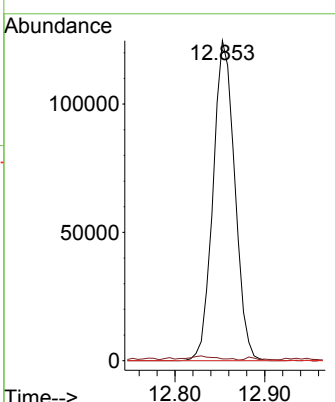
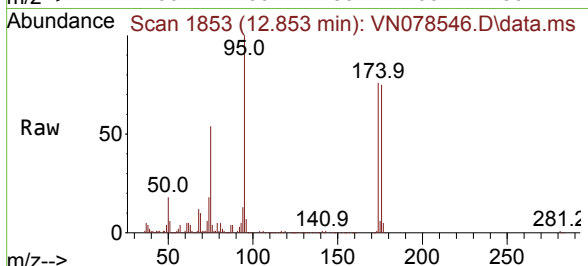




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.448 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

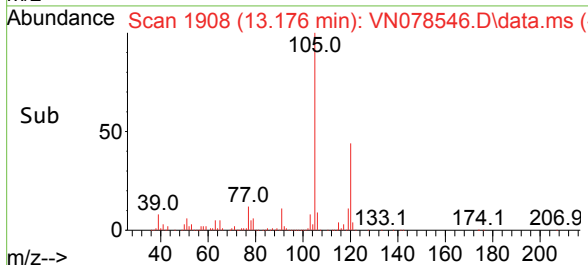
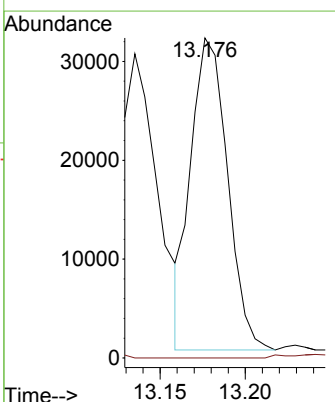
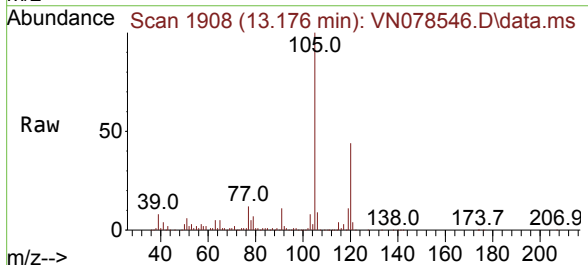
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME

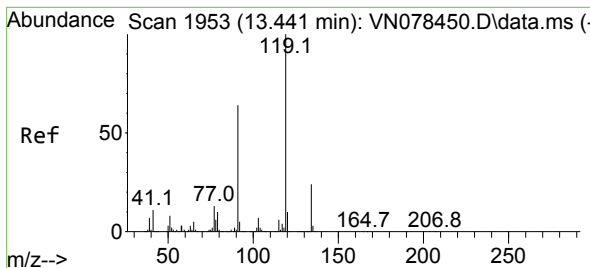
Tgt Ion:	75	Resp:	209782
Ion Ratio	Lower	Upper	
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#



#82
 4-Chlorotoluene
 Concen: 1.975 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.053 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

Tgt Ion:	91	Resp:	47321
Ion Ratio	Lower	Upper	
91	100		
126	0.0	16.7	50.0#





#83

tert-Butylbenzene

Concen: 6.759 ug/l

RT: 13.488 min Scan# 1953

Delta R.T. 0.047 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)ME

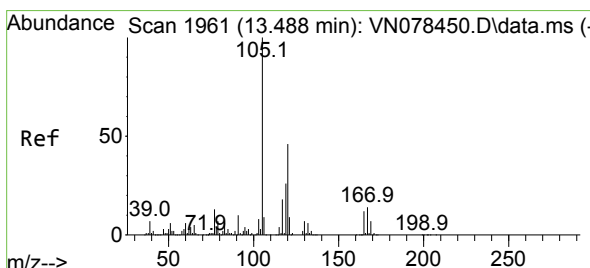
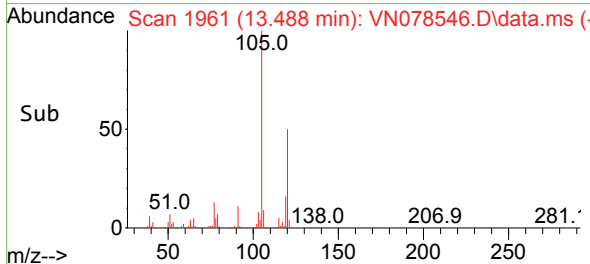
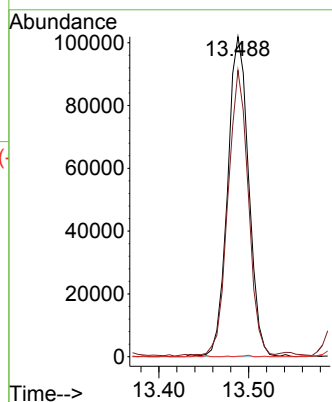
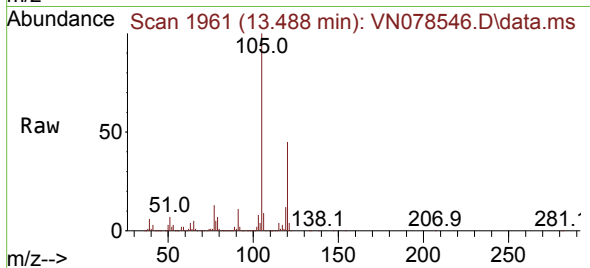
Tgt Ion:119 Resp: 166238

Ion Ratio Lower Upper

119 100

91 86.7 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 47.792 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078546.D

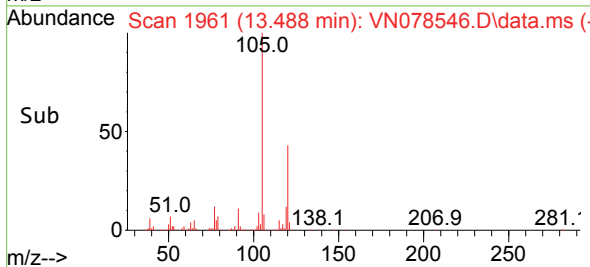
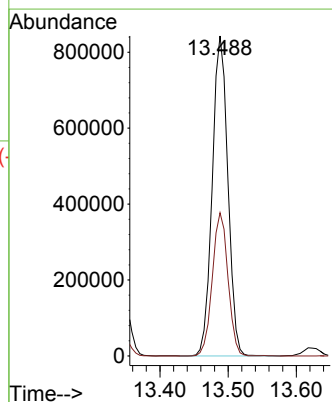
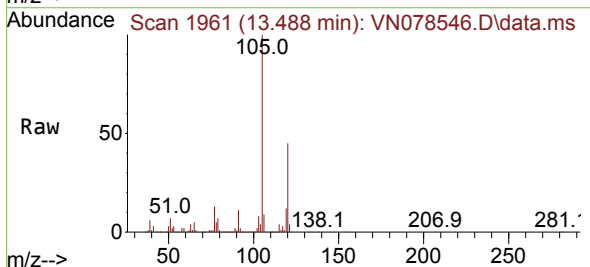
Acq: 17 Jul 2023 16:27

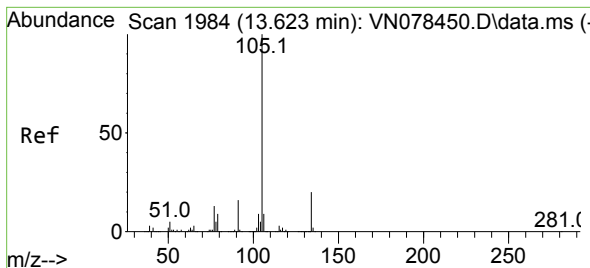
Tgt Ion:105 Resp: 1344851

Ion Ratio Lower Upper

105 100

120 44.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 43.258 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

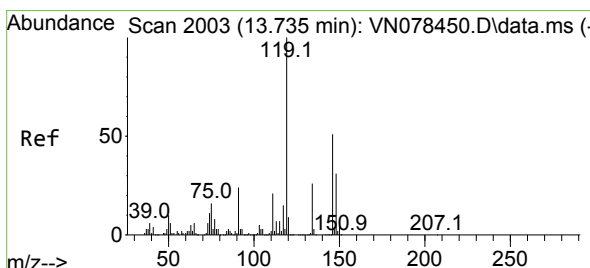
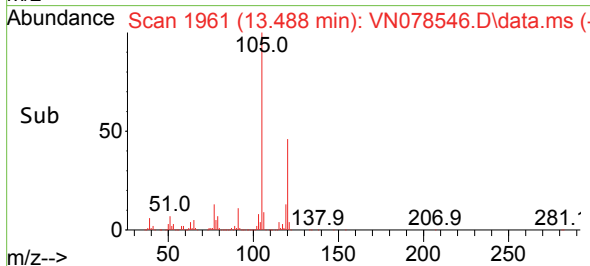
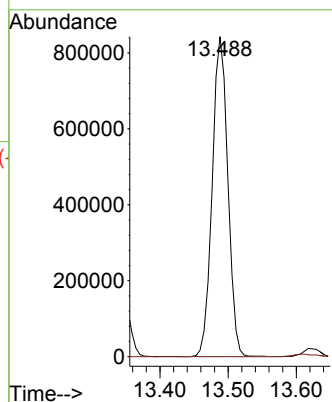
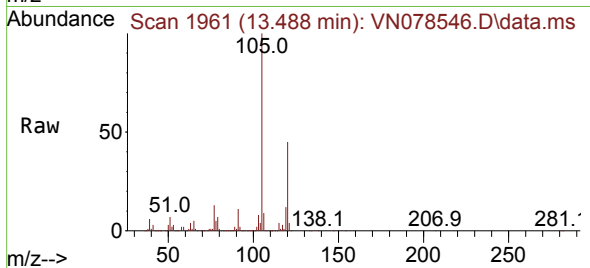
SB-10-(9-11)ME

Tgt Ion:105 Resp: 1344851

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 1.890 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.059 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

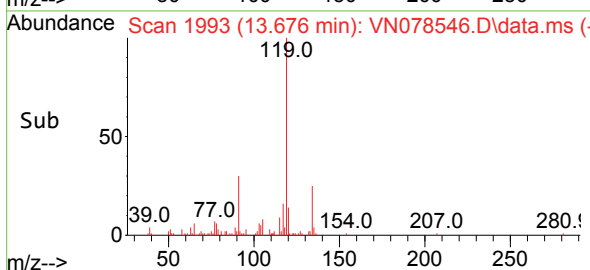
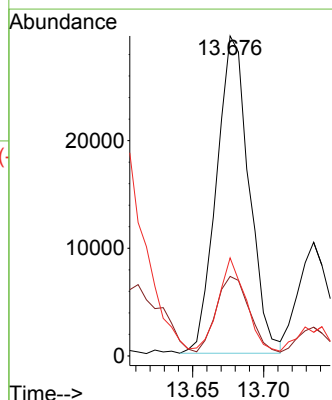
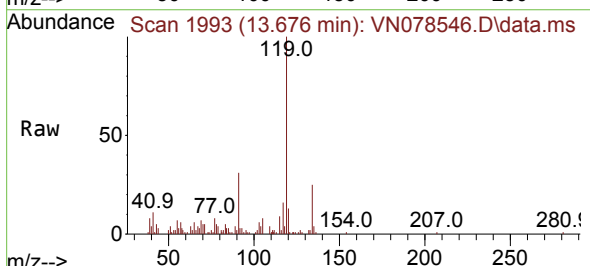
Tgt Ion:119 Resp: 47181

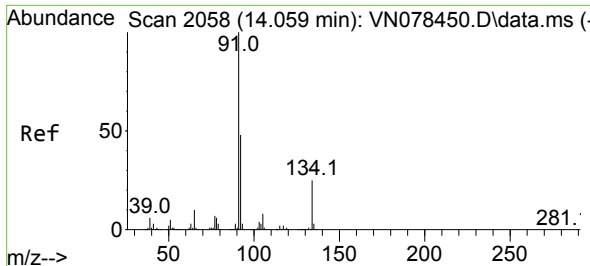
Ion Ratio Lower Upper

119 100

134 26.5 12.6 37.8

91 24.7 12.4 37.2

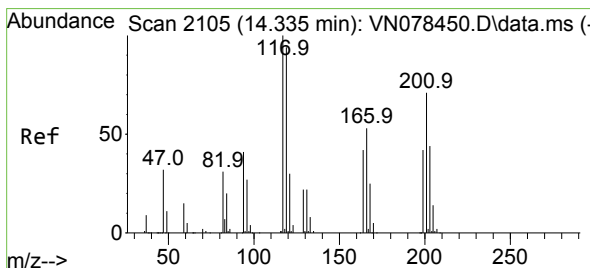
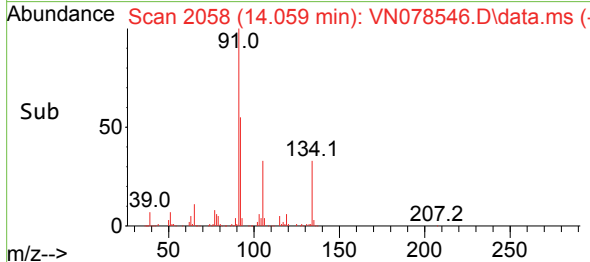
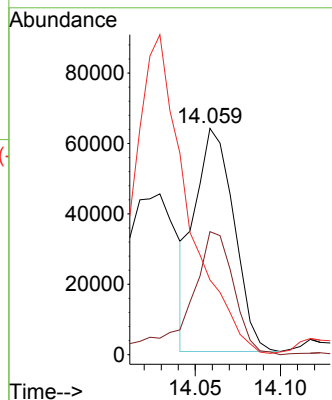
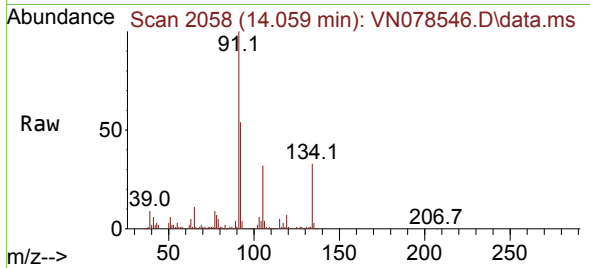




#89
n-Butylbenzene
Concen: 5.668 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

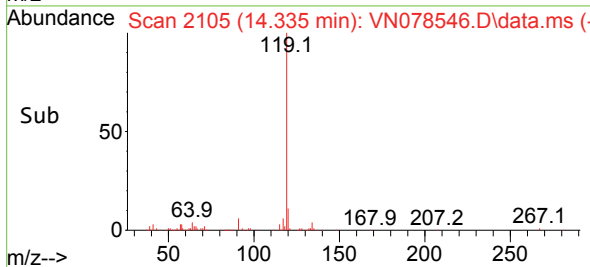
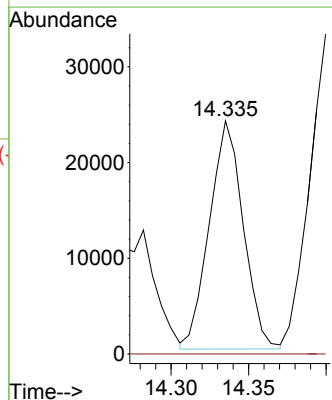
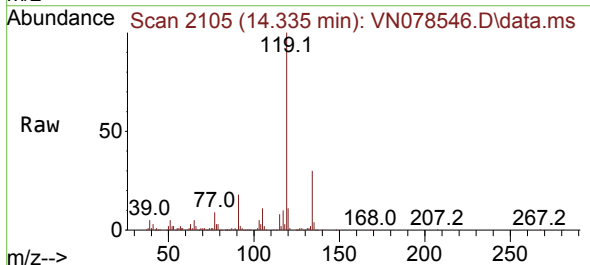
Instrument :
MSVOA_N
ClientSampleId :
SB-10-(9-11)ME

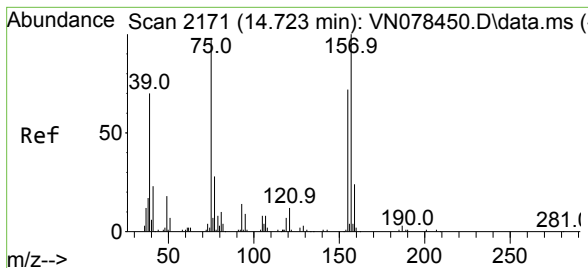
Tgt Ion: 91 Resp: 101236
Ion Ratio Lower Upper
91 100
92 59.8 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 7.201 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078546.D
Acq: 17 Jul 2023 16:27

Tgt Ion: 117 Resp: 36245
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

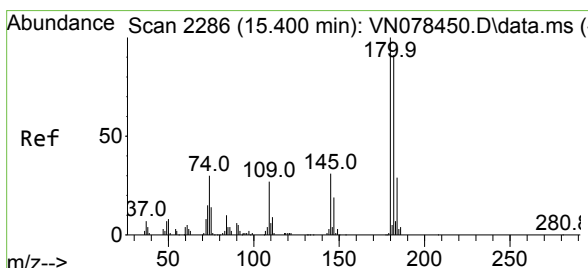
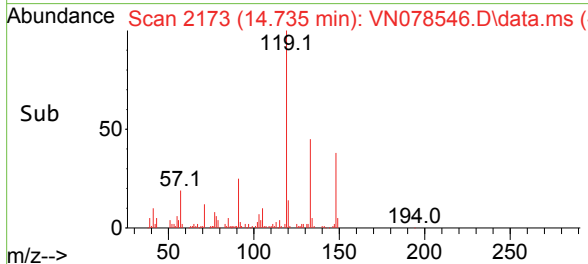
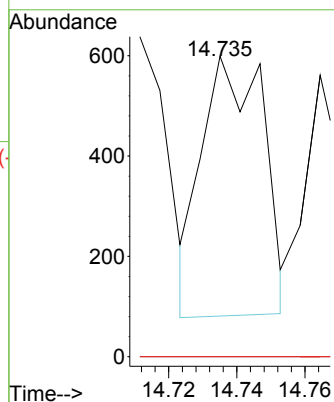
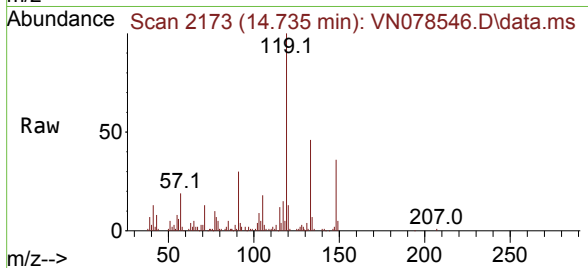




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.735 min Scan# 2173
 Delta R.T. 0.012 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

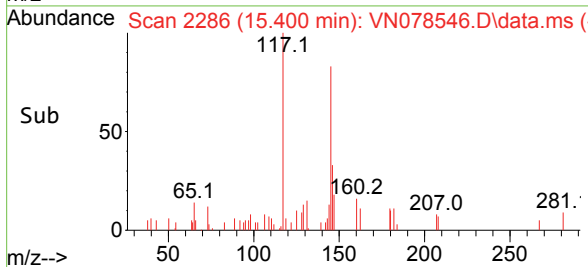
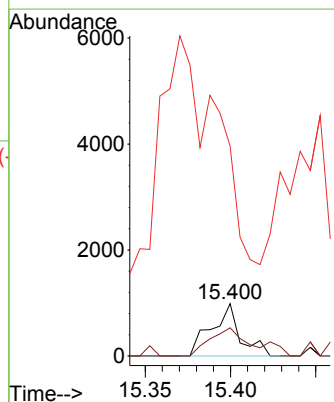
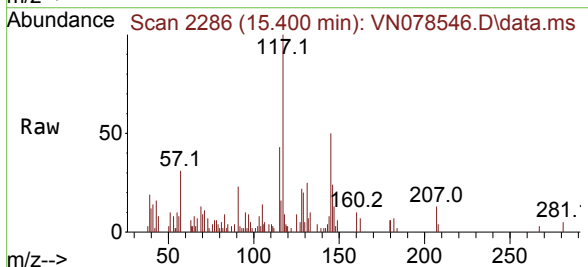
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10-(9-11)ME

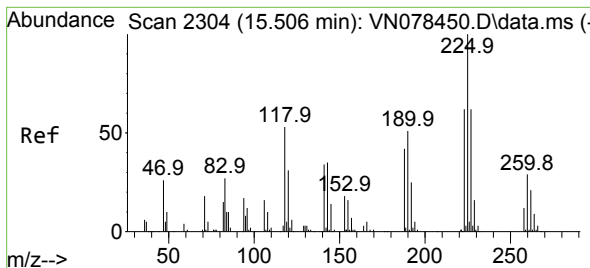
Tgt Ion: 75 Resp: 645
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.257 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078546.D
 Acq: 17 Jul 2023 16:27

Tgt Ion: 180 Resp: 1148
 Ion Ratio Lower Upper
 180 100
 182 80.0 46.1 138.2
 145 0.0 16.6 49.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

SB-10-(9-11)ME

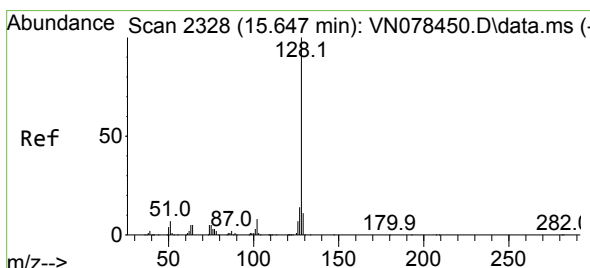
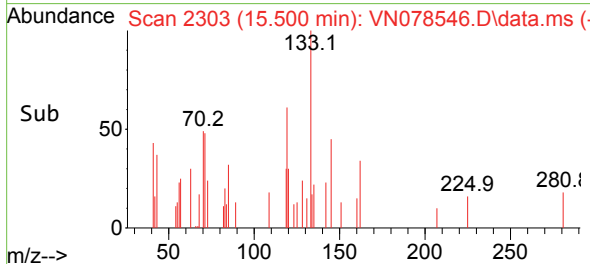
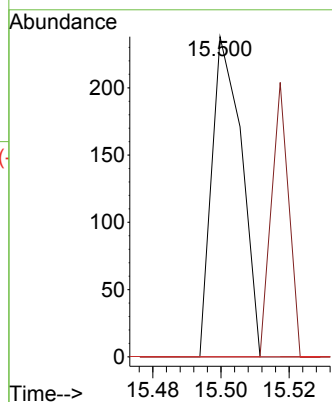
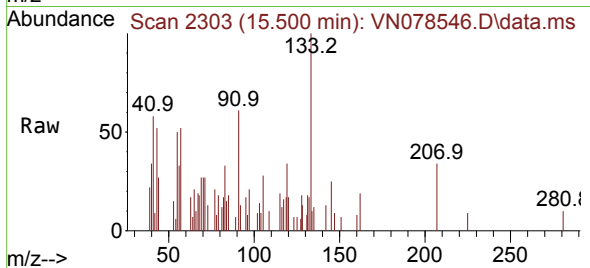
Tgt Ion:225 Resp: 144

Ion Ratio Lower Upper

225 100

223 50.0 31.3 93.8

227 0.0 31.9 95.9#



#95

Naphthalene

Concen: 16.236 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078546.D

Acq: 17 Jul 2023 16:27

Tgt Ion:128 Resp: 248153

Ion Ratio Lower Upper

128 100

127 14.5 10.0 15.0

129 11.9 8.7 13.1

