

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014982.D
 Acq On : 08 Aug 2023 14:01
 Operator : SY/MD
 Sample : 03929-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP19

Quant Time: Aug 09 00:59:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	199499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131348	54.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.716	113	114884	50.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.179	98	433945	49.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.477	95	151032	48.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	584	Below Cal	#	63
11) Tert butyl alcohol	4.966	59	1878	3.218	ug/l #	89
13) Acrolein	3.686	56	601	3.027	ug/l #	1
16) Acetone	3.948	43	22667	30.062	ug/l	99
17) Carbon Disulfide	4.180	76	4270	1.225	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	40229	6.743	ug/l #	65
20) Methylene Chloride	4.704	84	18644	Below Cal	#	83
25) 2-Butanone	6.978	43	12085	11.190	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	6109	1.740	ug/l #	54
30) Chloroform	7.508	83	5205	1.381	ug/l #	16
31) Cyclohexane	7.783	56	17648	3.811	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	15680	5.502	ug/l #	50
37) Ethyl Acetate	6.978	43	12085	5.342	ug/l #	58
38) Carbon Tetrachloride	7.789	117	20169	6.295	ug/l #	15
39) Methylcyclohexane	9.179	83	63747	18.809	ug/l	92
40) Benzene	8.155	78	339992	40.515	ug/l	99
43) Isopropyl Acetate	8.264	43	17884	4.255	ug/l #	55
47) Bromodichloromethane	9.484	83	7566	2.287	ug/l #	26
48) Methyl methacrylate	9.313	41	9745	5.285	ug/l #	31
51) 4-Methyl-2-Pentanone	10.112	43	17835	7.530	ug/l #	87
52) Toluene	10.240	92	14544	2.693	ug/l	99
55) 1,1,2-Trichloroethane	10.618	97	45933	21.997	ug/l #	21
56) Ethyl methacrylate	10.514	69	4293	1.436	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.746	63	1696	1.200	ug/l #	48
59) 2-Hexanone	10.801	43	22444	12.828	ug/l #	35
67) Ethyl Benzene	11.593	91	68180	6.042	ug/l	97
68) m/p-Xylenes	11.703	106	27520	6.375	ug/l	96
73) Isopropylbenzene	12.331	105	16459	1.784	ug/l	96
74) N-amyl acetate	12.124	43	12456	3.951	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.562	83	2622	1.163	ug/l #	95
76) 1,2,3-Trichloropropane	12.477	75	80846	49.153	ug/l #	100
78) n-propylbenzene	12.672	91	47495	4.304	ug/l	96
79) 2-Chlorotoluene	12.672	91	47495	7.551	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	9968	1.311	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.477	75	80846	108.285	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.117	105	29691	3.897	ug/l	99

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QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

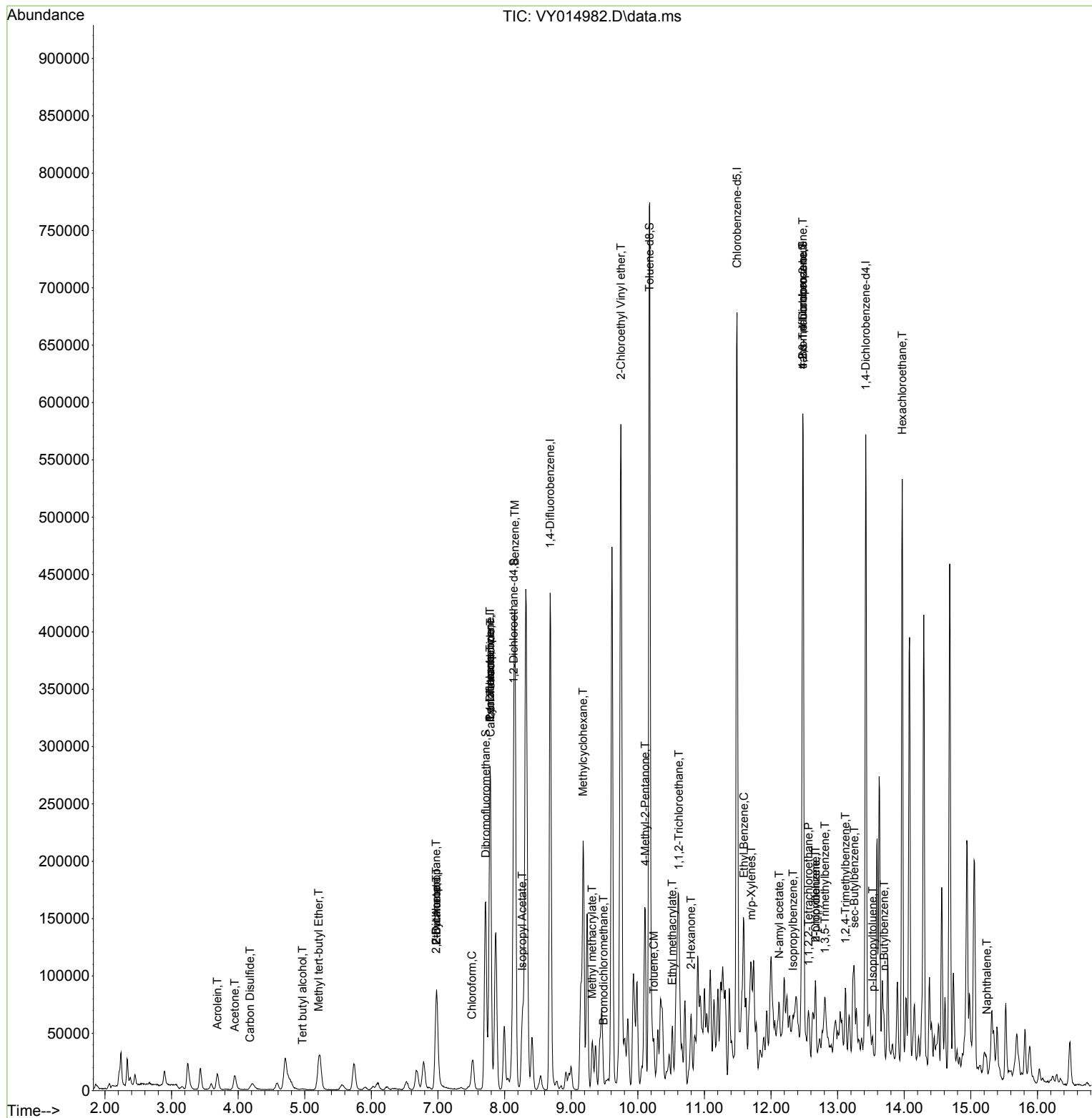
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.251	105	40829	3.999	ug/l #	53
86) p-Isopropyltoluene	13.526	119	10573	1.251	ug/l	92
89) n-Butylbenzene	13.696	91	24664	3.106	ug/l #	76
90) Hexachloroethane	13.971	117	23885	14.554	ug/l #	8
95) Naphthalene	15.239	128	10741	1.764	ug/l #	95

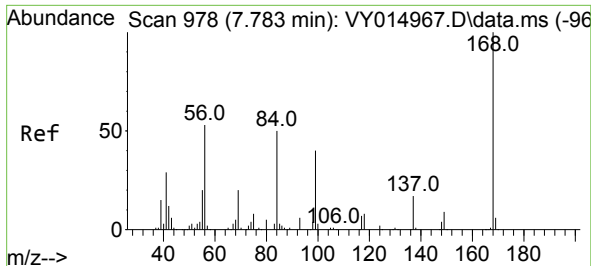
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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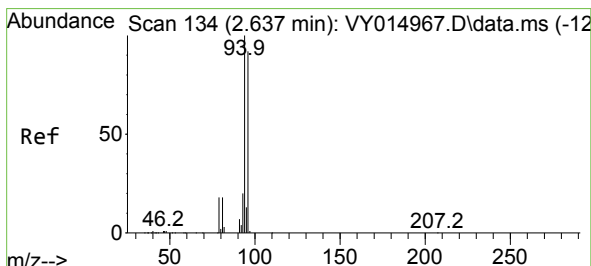
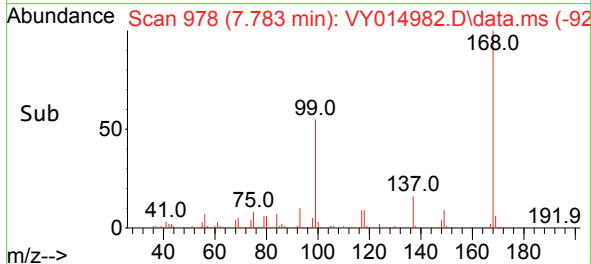
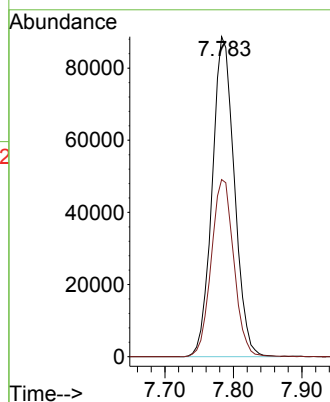
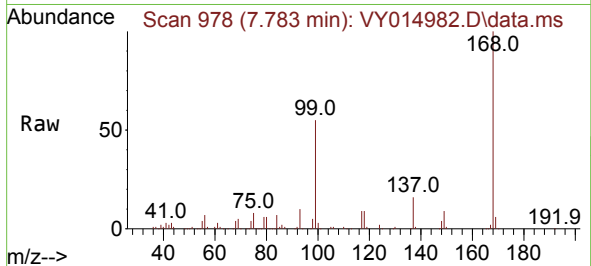




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014982.D
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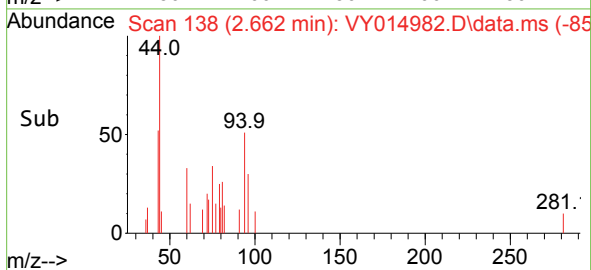
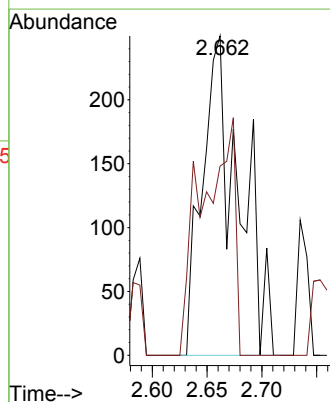
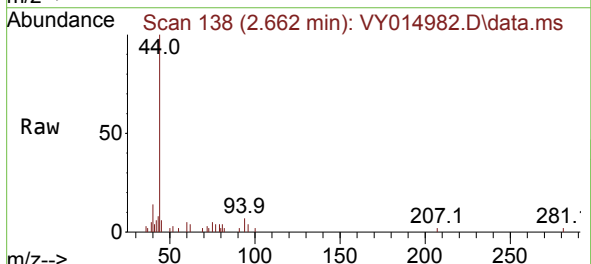
Instrument :
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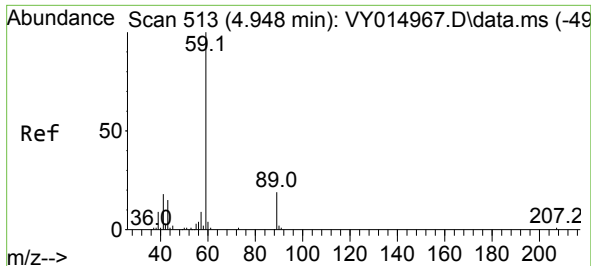
Tgt Ion:168 Resp: 199499
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 59.2 75.8 113.6#

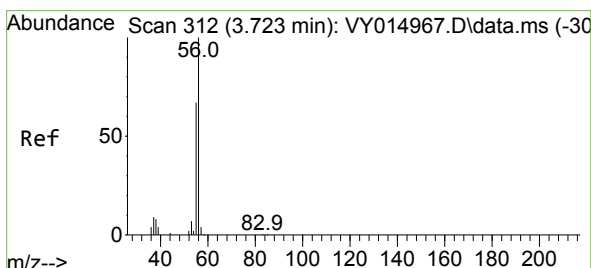
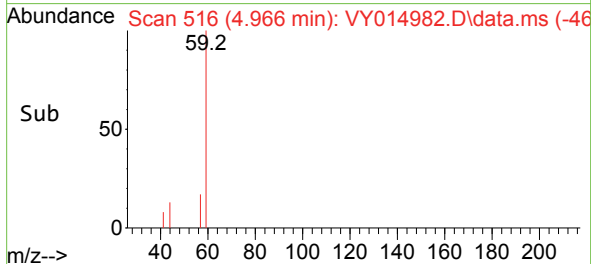
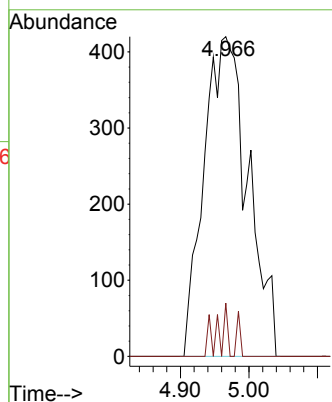
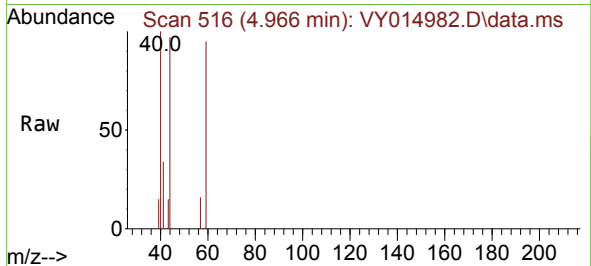




#11
Tert butyl alcohol
Concen: 3.218 ug/l
RT: 4.966 min Scan# 513
Delta R.T. 0.018 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

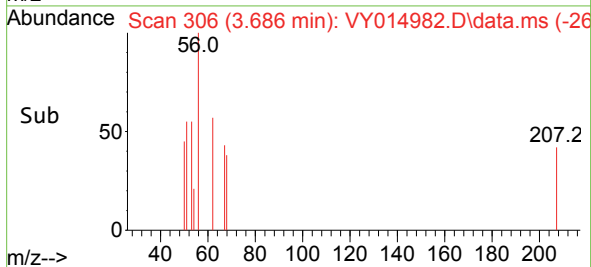
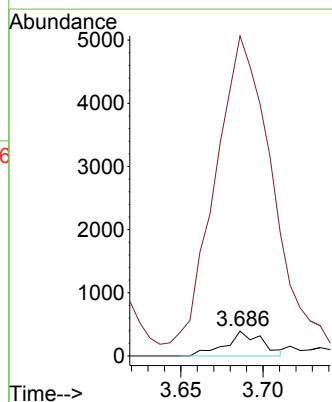
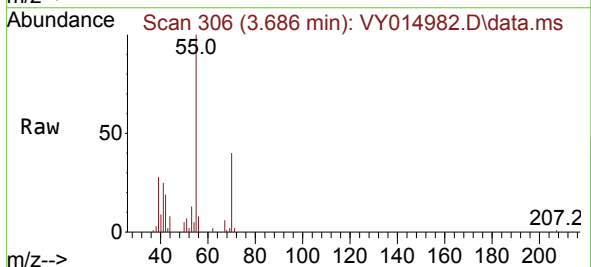
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

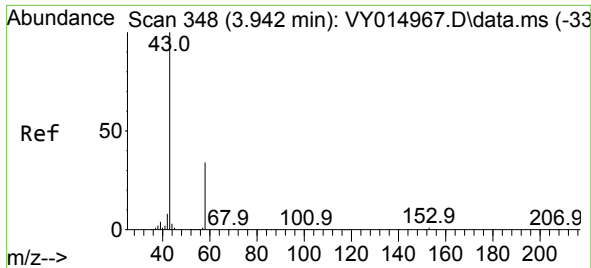
Tgt Ion: 59 Resp: 1878
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#13
Acrolein
Concen: 3.027 ug/l
RT: 3.686 min Scan# 306
Delta R.T. -0.037 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 56 Resp: 601
Ion Ratio Lower Upper
56 100
55 2131.8 57.0 85.4#

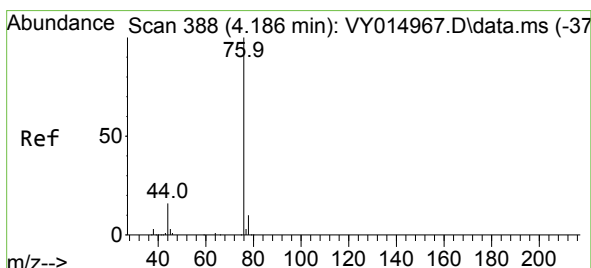
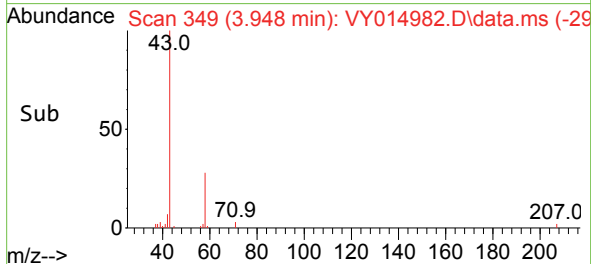
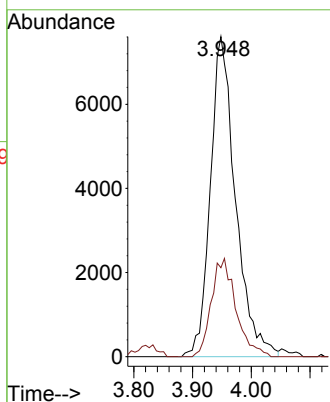
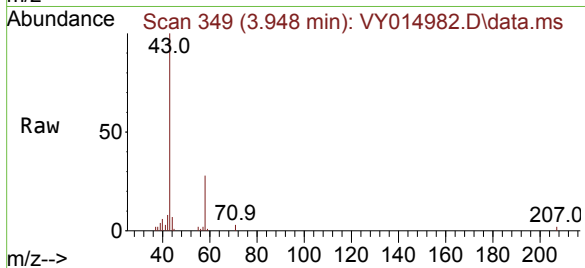




#16
Acetone
Concen: 30.062 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

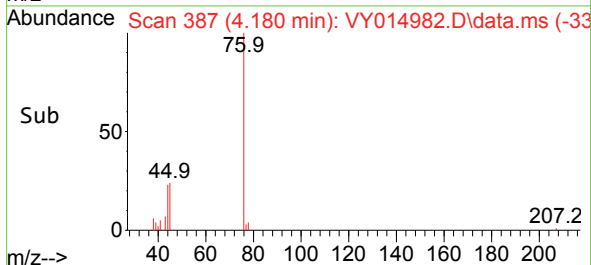
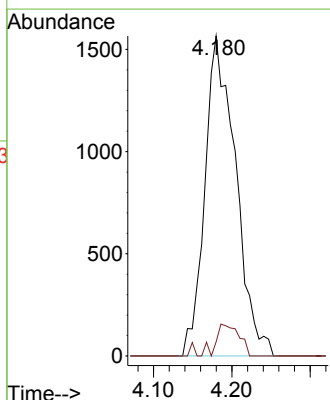
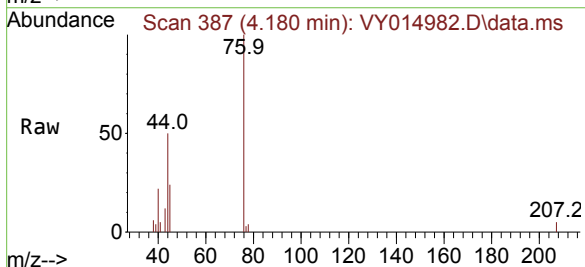
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

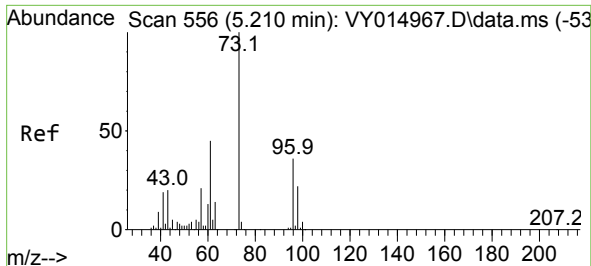
Tgt Ion: 43 Resp: 22667
Ion Ratio Lower Upper
43 100
58 27.8 22.7 34.1



#17
Carbon Disulfide
Concen: 1.225 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 76 Resp: 4270
Ion Ratio Lower Upper
76 100
78 4.4 7.0 10.4#

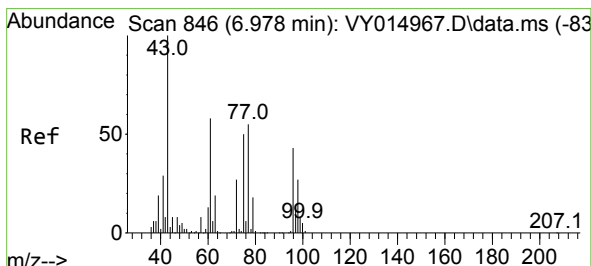
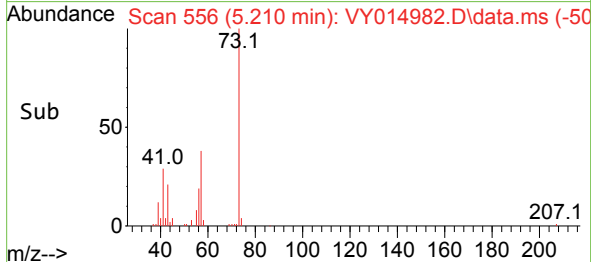
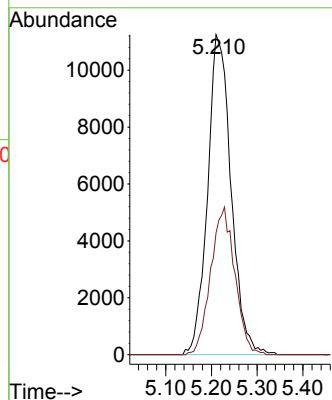
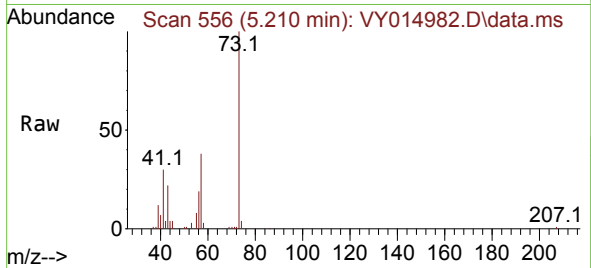




#19
Methyl tert-butyl Ether
Concen: 6.743 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

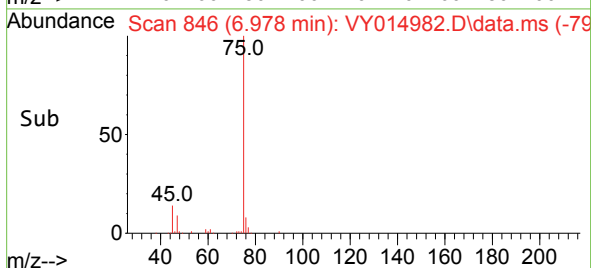
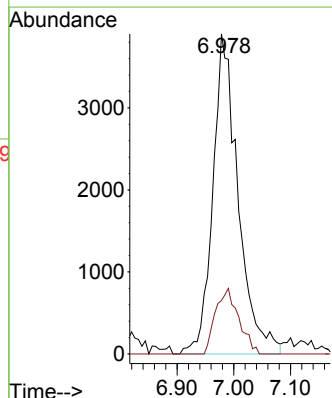
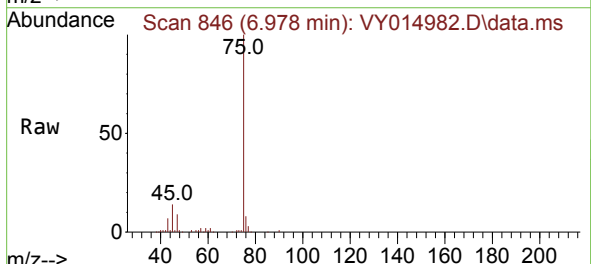
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

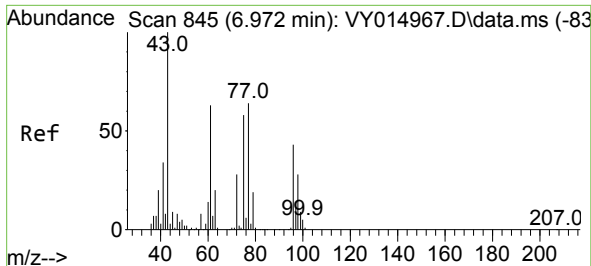
Tgt Ion: 73 Resp: 40229
Ion Ratio Lower Upper
73 100
57 38.1 17.3 25.9#



#25
2-Butanone
Concen: 11.190 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 43 Resp: 12085
Ion Ratio Lower Upper
43 100
72 16.7 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.740 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

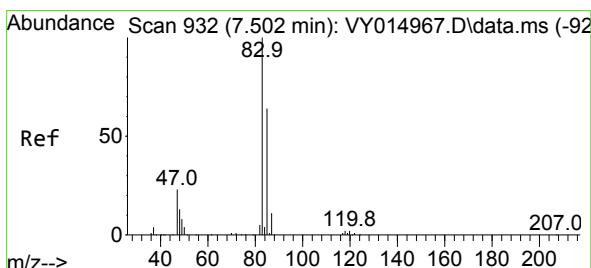
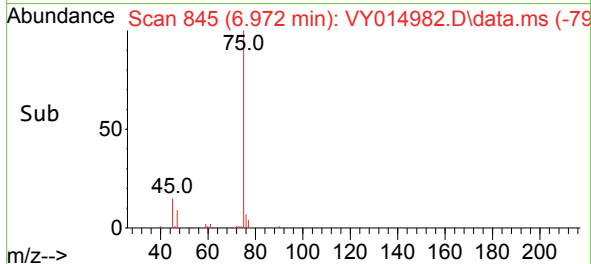
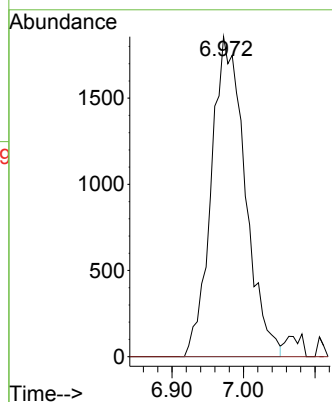
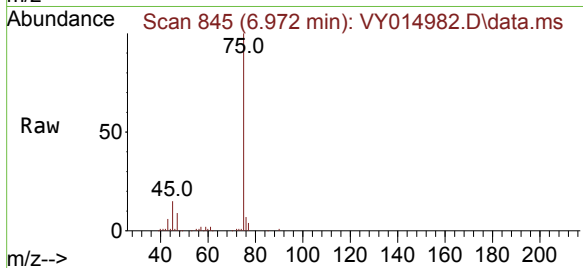
B-PP19

Tgt Ion: 77 Resp: 6109

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#30

Chloroform

Concen: 1.381 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY014982.D

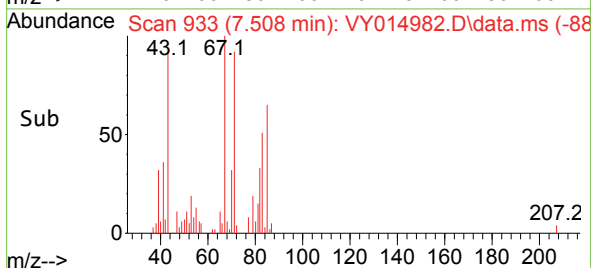
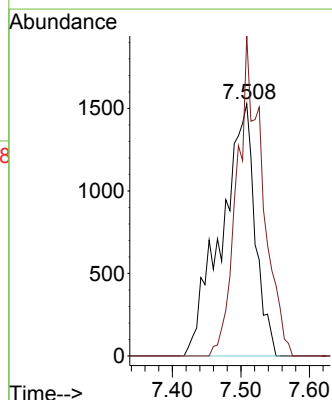
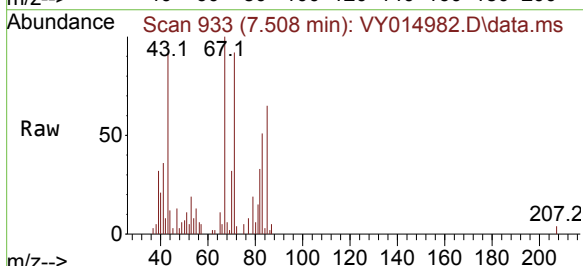
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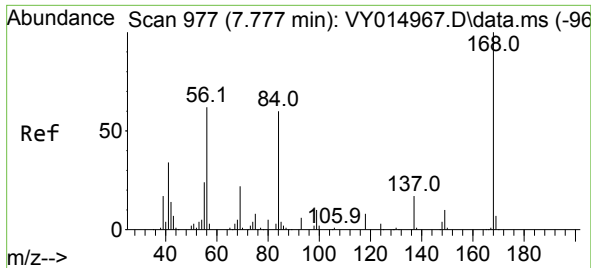
Tgt Ion: 83 Resp: 5205

Ion Ratio Lower Upper

83 100

85 126.9 49.7 74.5#

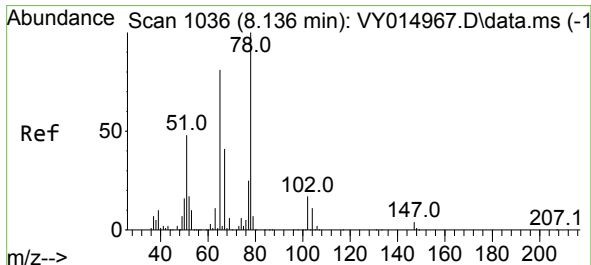
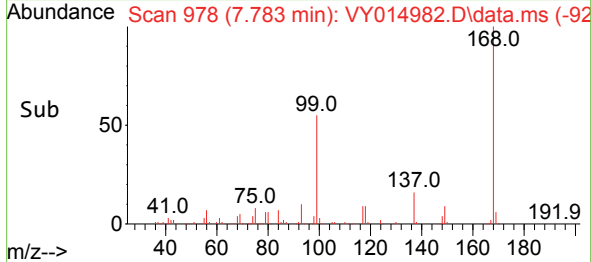
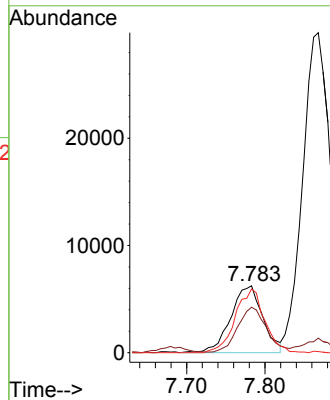
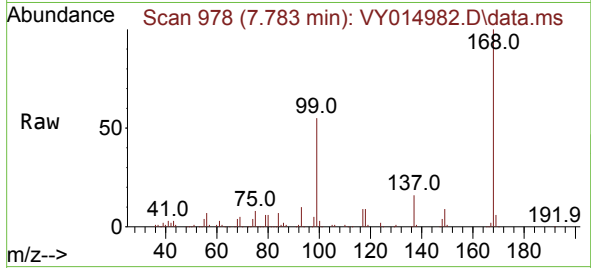




#31
Cyclohexane
Concen: 3.811 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

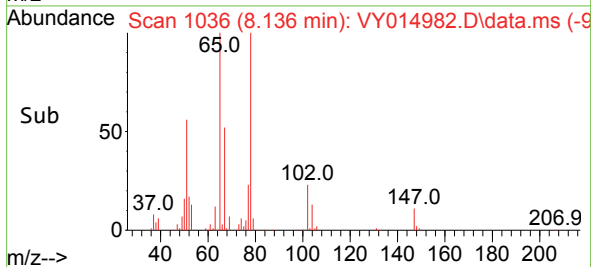
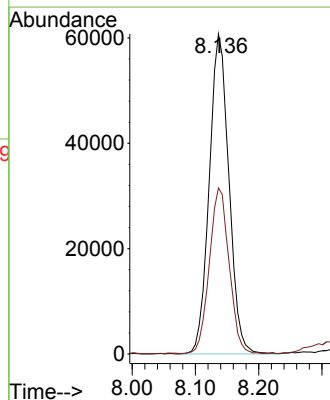
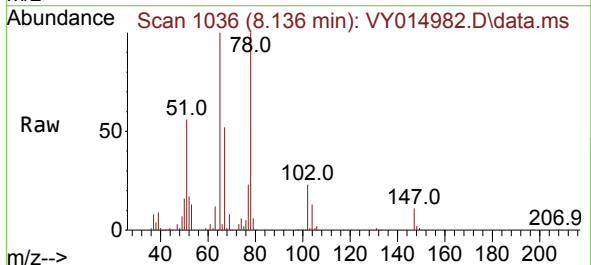
Instrument :
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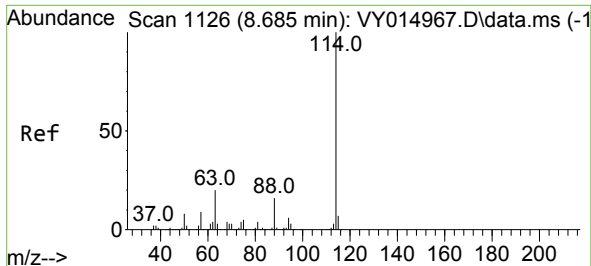
Tgt Ion: 56 Resp: 17648
Ion Ratio Lower Upper
56 100
69 59.8 27.8 41.6#
84 95.2 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 54.321 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 65 Resp: 131348
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

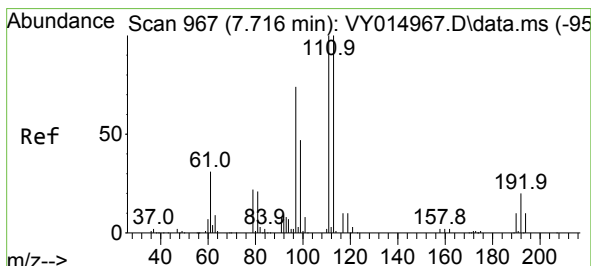
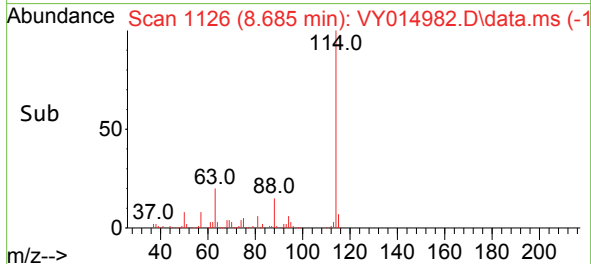
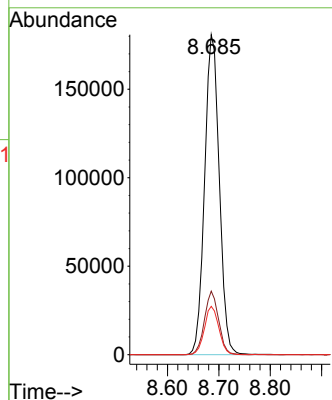
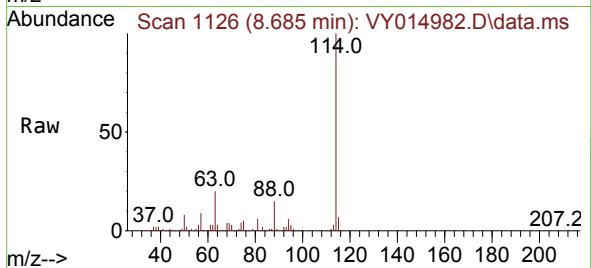




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

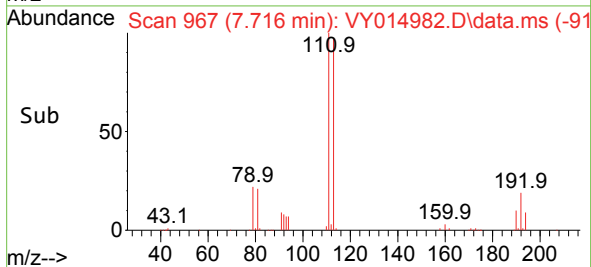
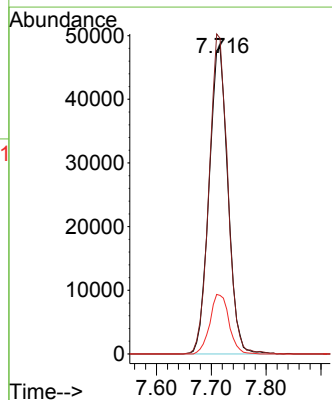
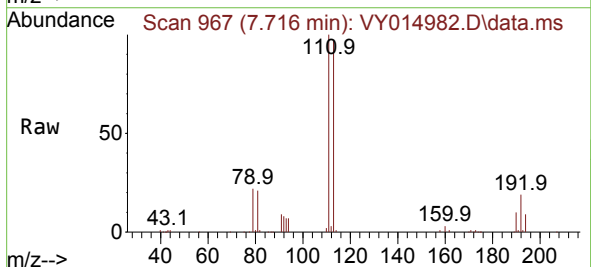
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

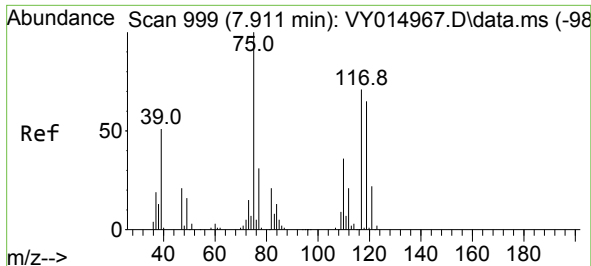
Tgt Ion:114 Resp: 358959
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.048 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion:113 Resp: 114884
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

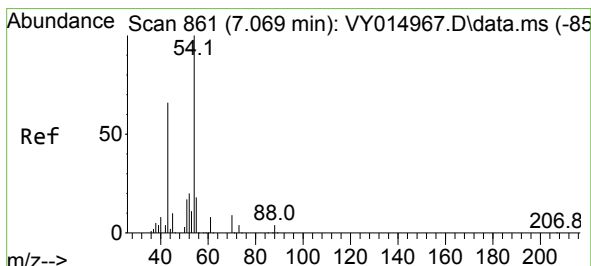
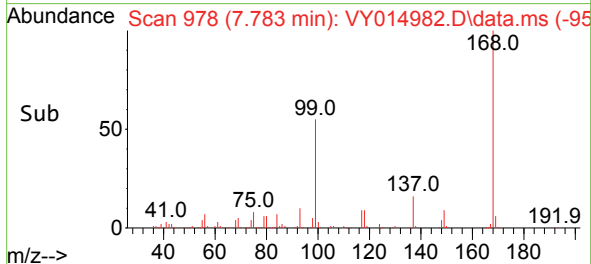
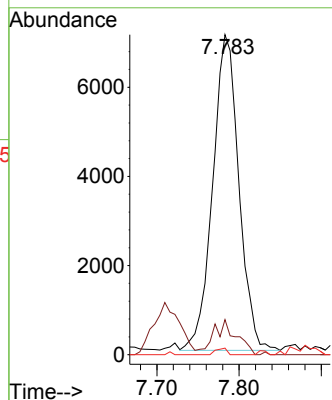
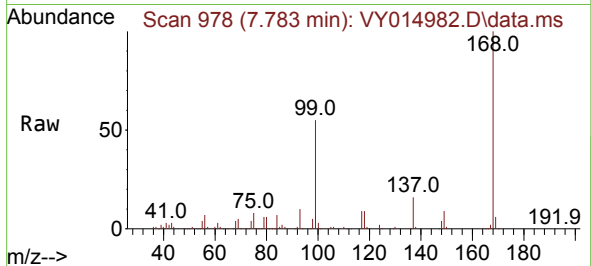




#36
1,1-Dichloropropene
Concen: 5.502 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

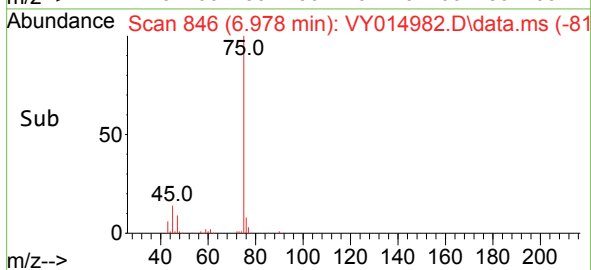
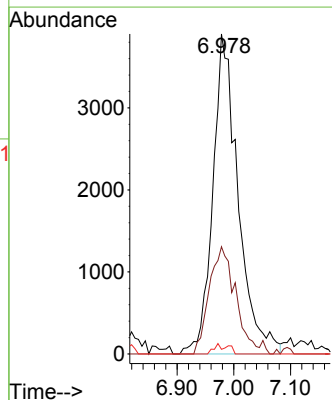
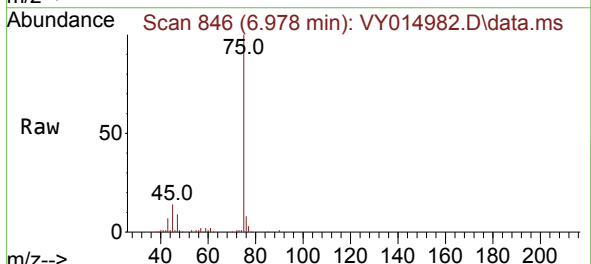
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

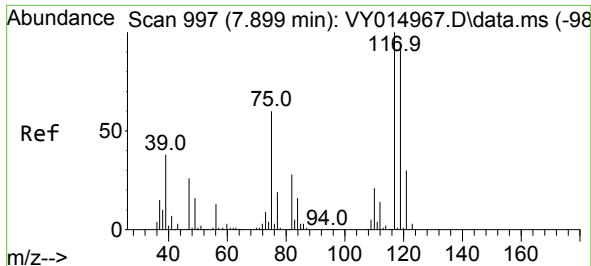
Tgt Ion: 75 Resp: 15680
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.342 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

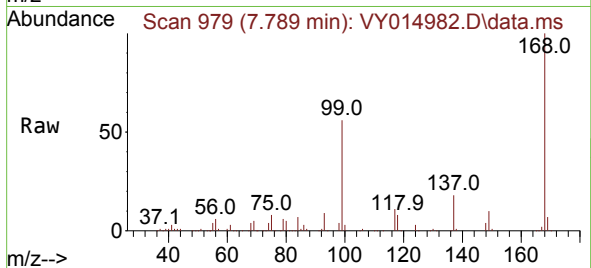
Tgt Ion: 43 Resp: 12085
Ion Ratio Lower Upper
43 100
61 34.9 10.1 15.1#
70 0.9 7.1 10.7#



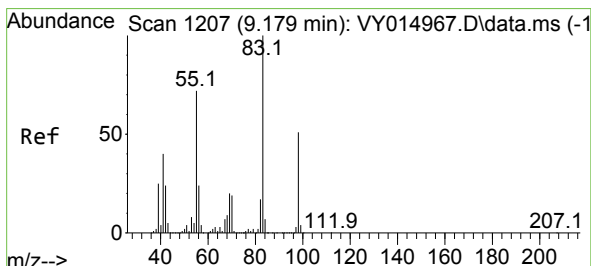
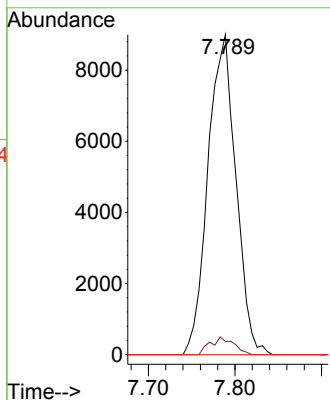
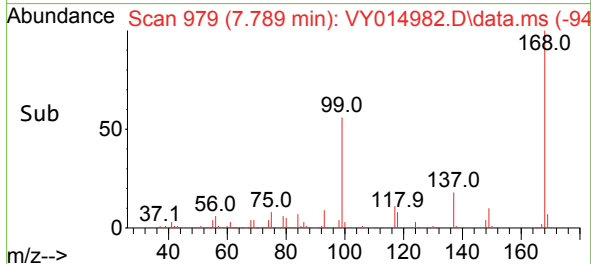


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

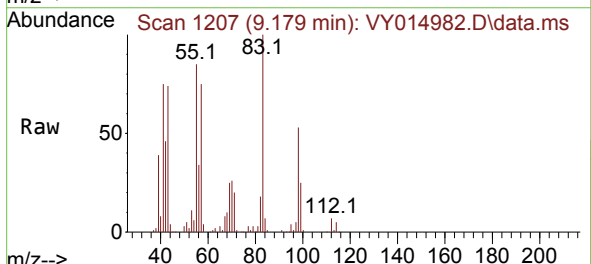
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19



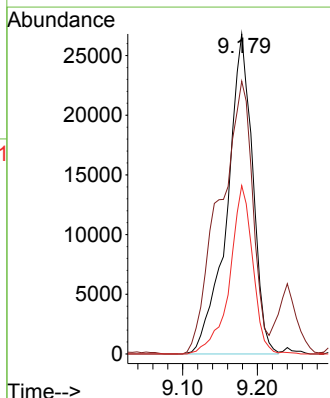
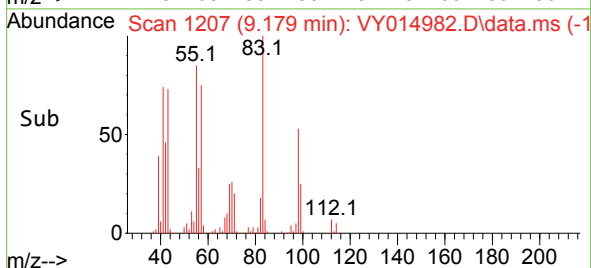
Tgt Ion:117 Resp: 20169
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

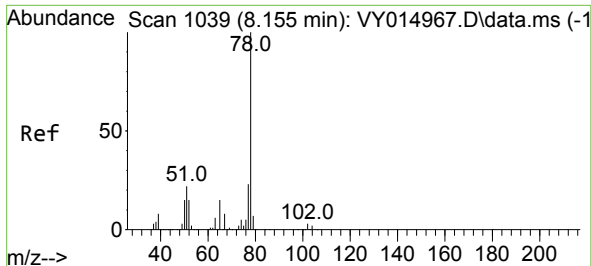


#39
Methylcyclohexane
Concen: 18.809 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01



Tgt Ion: 83 Resp: 63747
Ion Ratio Lower Upper
83 100
55 85.2 63.0 94.4
98 52.6 37.4 56.2

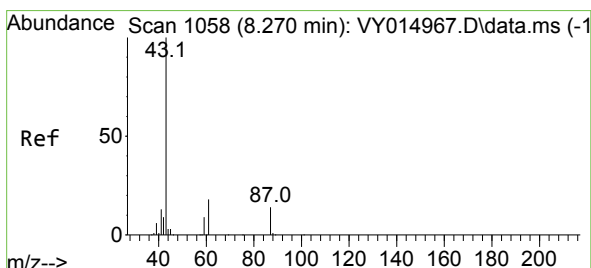
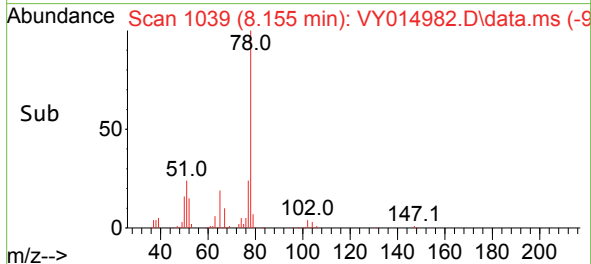
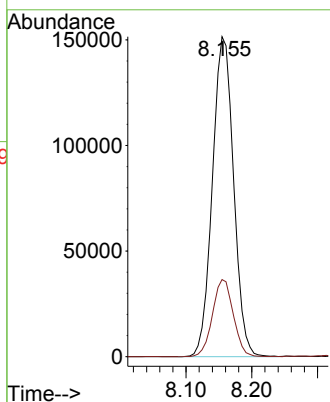
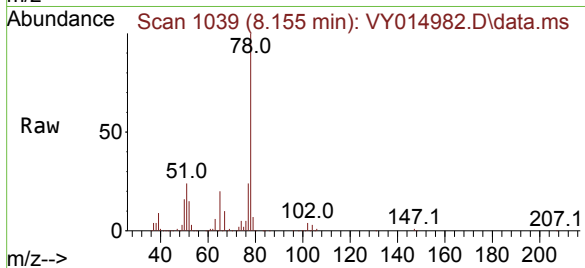




#40
Benzene
Concen: 40.515 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

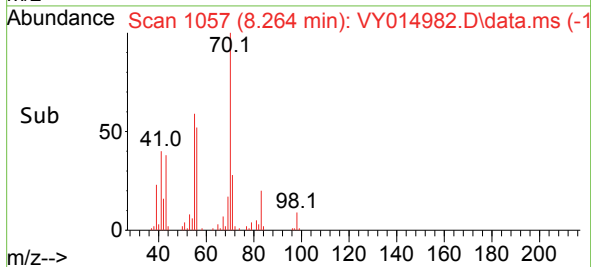
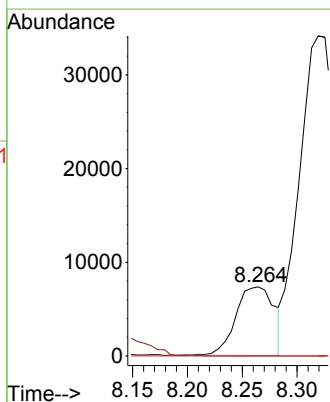
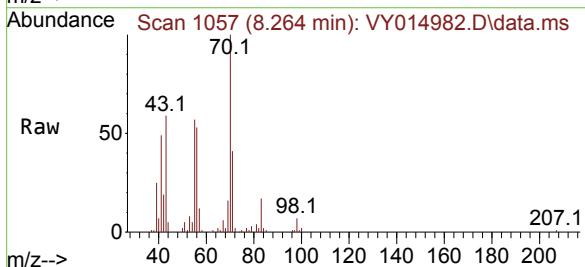
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

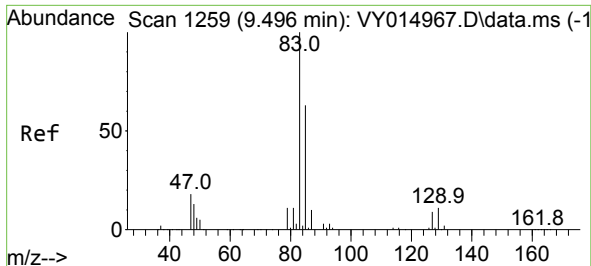
Tgt Ion: 78 Resp: 339992
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#43
Isopropyl Acetate
Concen: 4.255 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 43 Resp: 17884
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#

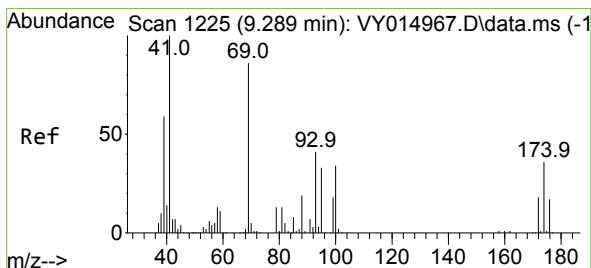
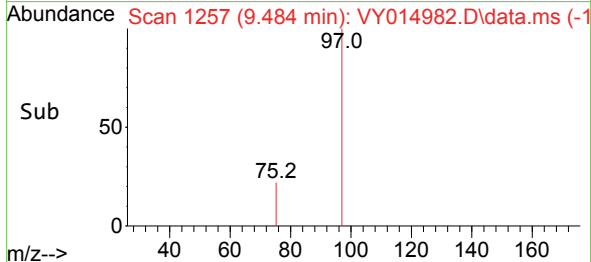
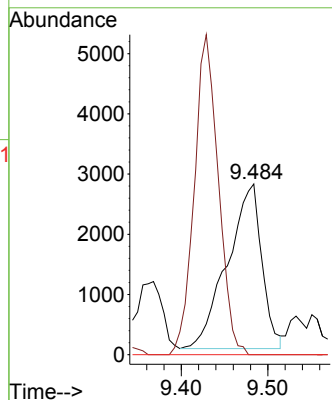
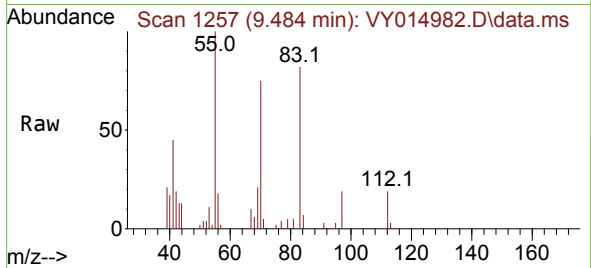




#47
Bromodichloromethane
Concen: 2.287 ug/l
RT: 9.484 min Scan# 1257
Delta R.T. -0.012 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

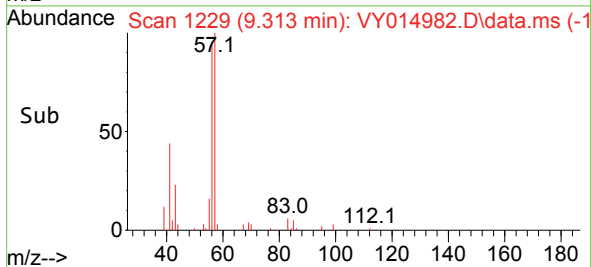
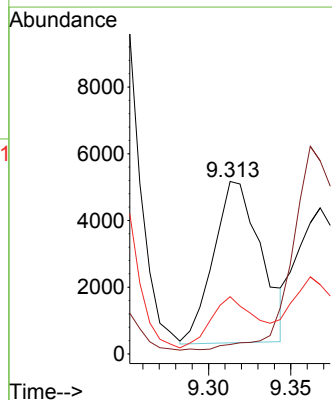
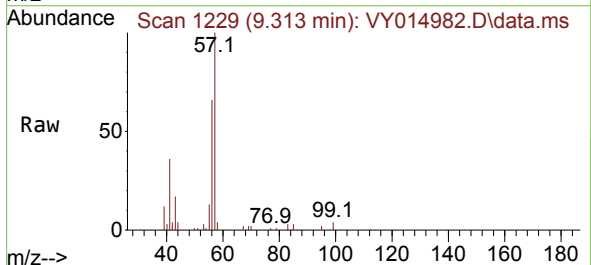
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

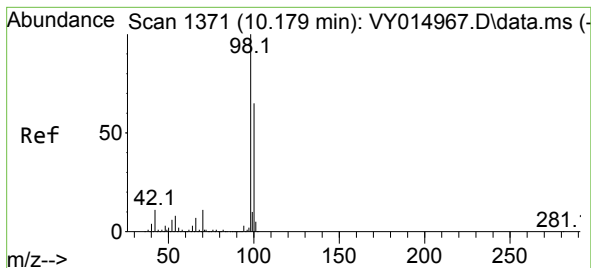
Tgt Ion: 83 Resp: 7566
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 5.285 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.024 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 41 Resp: 9745
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 31.5 50.8 76.2#

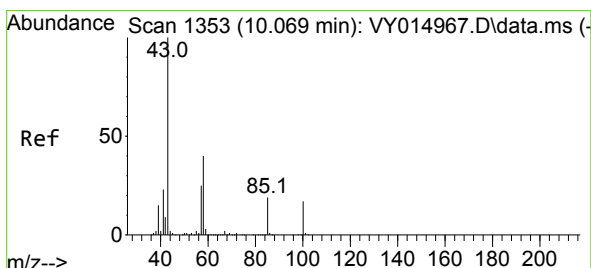
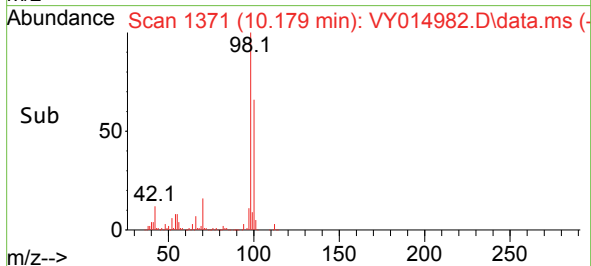
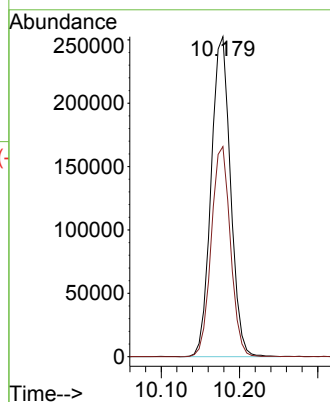
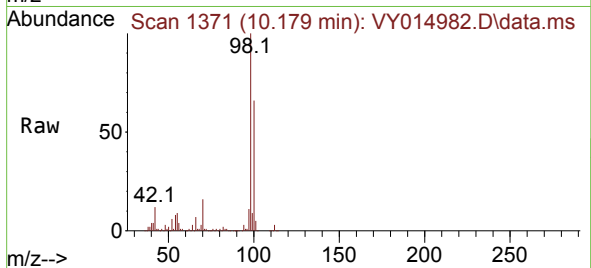




#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

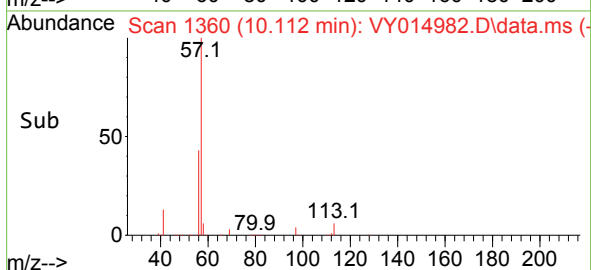
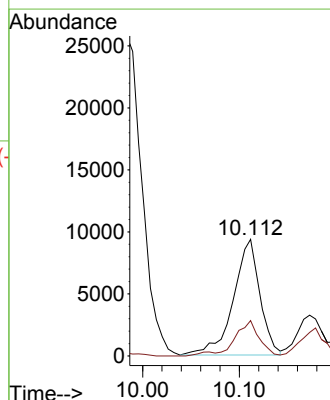
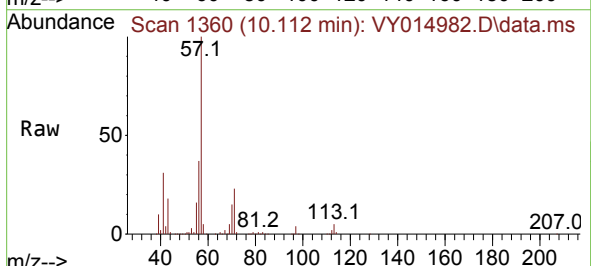
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

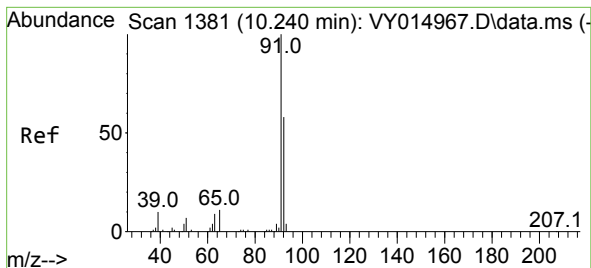
Tgt Ion: 98 Resp: 433945
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 7.530 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 43 Resp: 17835
Ion Ratio Lower Upper
43 100
58 28.6 29.0 43.6#





#52

Toluene

Concen: 2.693 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

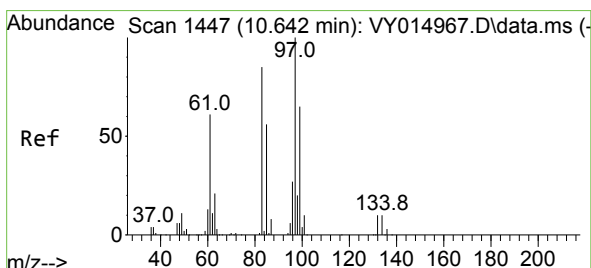
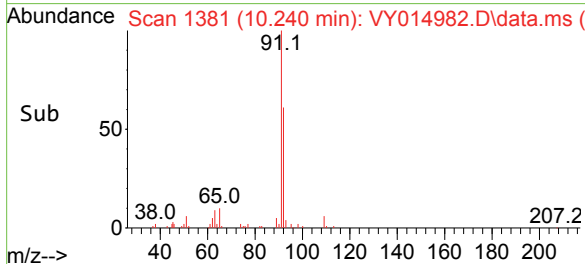
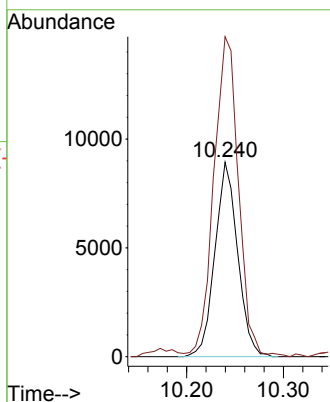
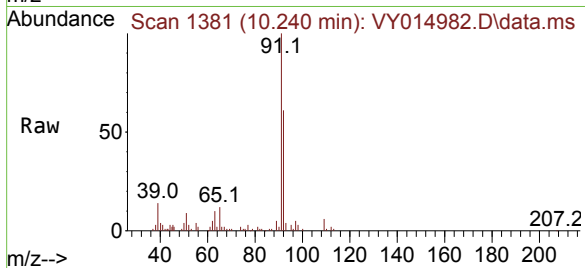
B-PP19

Tgt Ion: 92 Resp: 14544

Ion Ratio Lower Upper

92 100

91 178.7 143.8 215.6



#55

1,1,2-Trichloroethane

Concen: 21.997 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Tgt Ion: 97 Resp: 45933

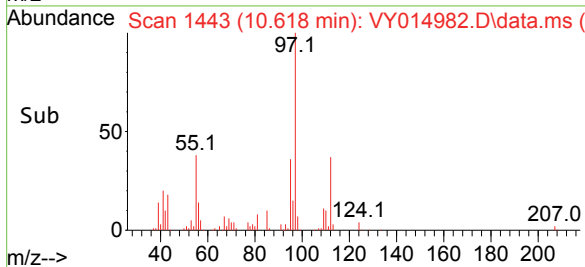
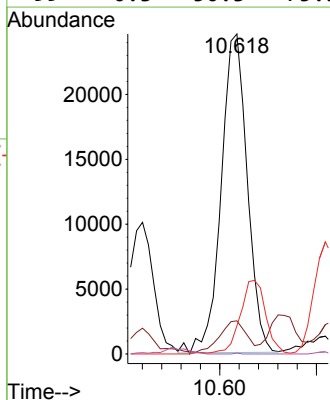
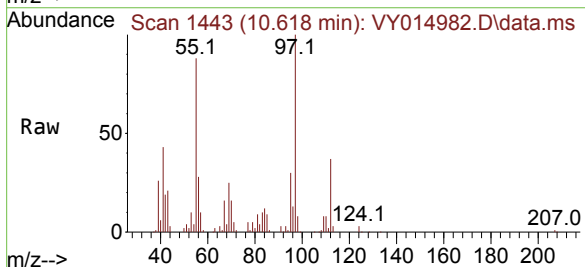
Ion Ratio Lower Upper

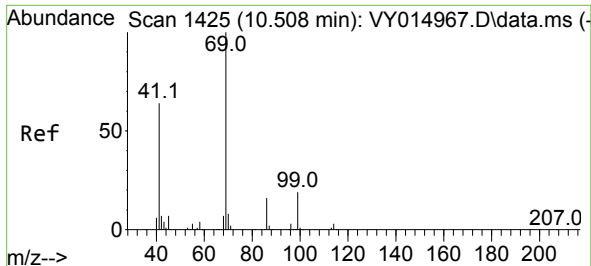
97 100

83 9.0 72.0 108.0#

85 8.9 45.4 68.0#

99 0.3 50.3 75.5#

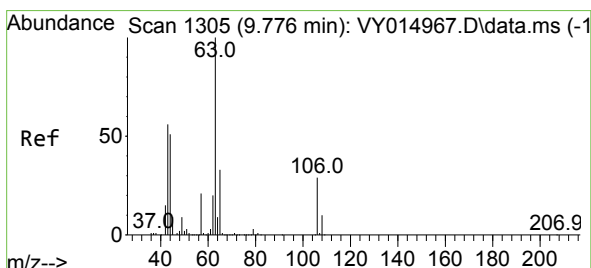
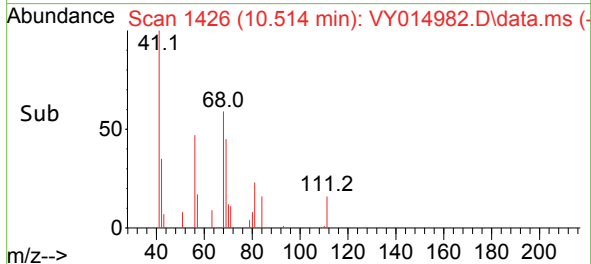
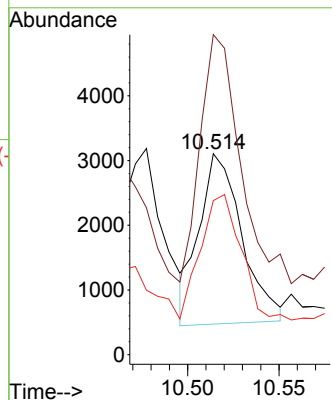
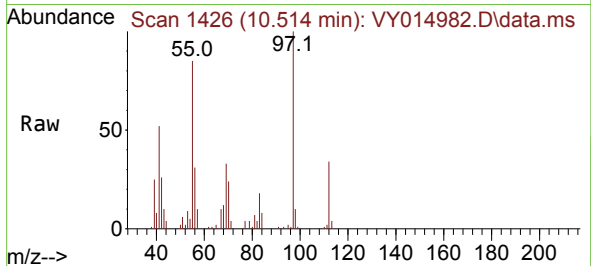




#56
Ethyl methacrylate
Concen: 1.436 ug/l
RT: 10.514 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

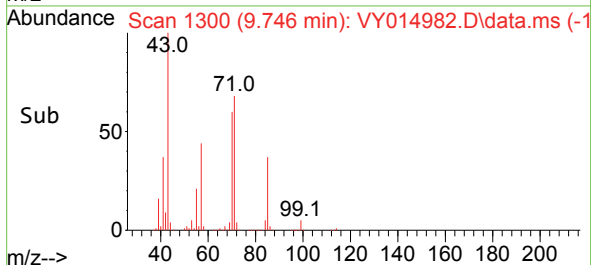
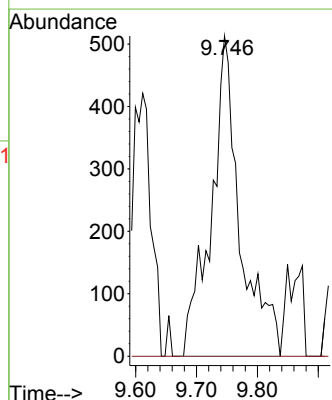
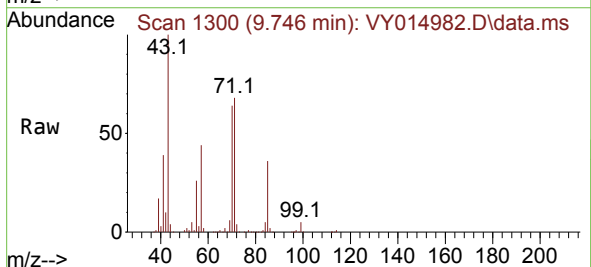
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

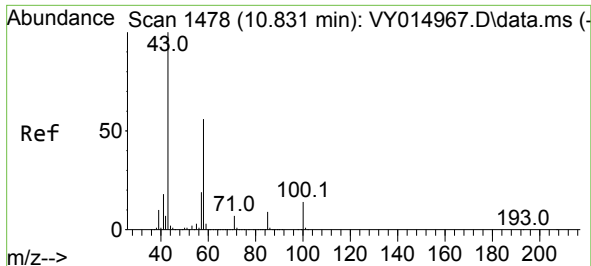
Tgt Ion: 69 Resp: 4293
Ion Ratio Lower Upper
69 100
41 203.1 57.6 86.4#
39 85.4 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 1.200 ug/l
RT: 9.746 min Scan# 1300
Delta R.T. -0.030 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 63 Resp: 1696
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

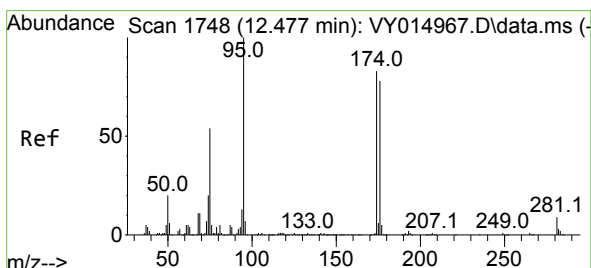
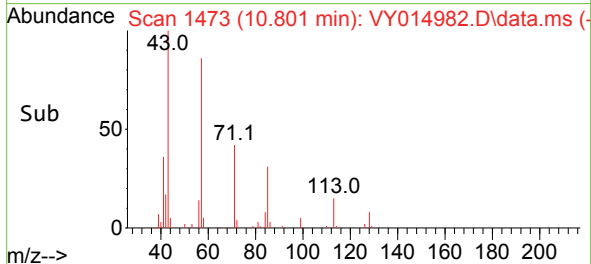
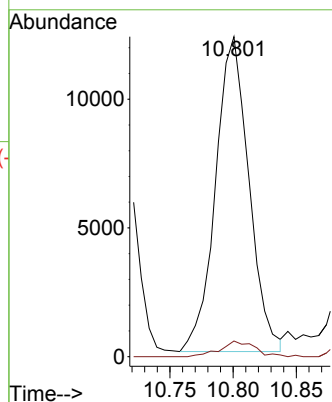
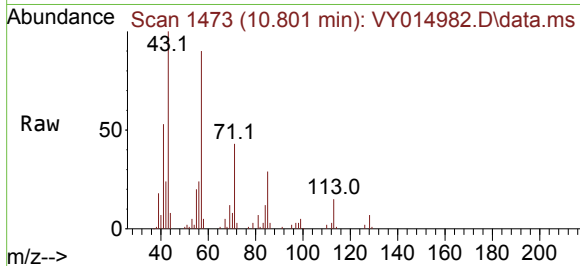




#59
2-Hexanone
Concen: 12.828 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

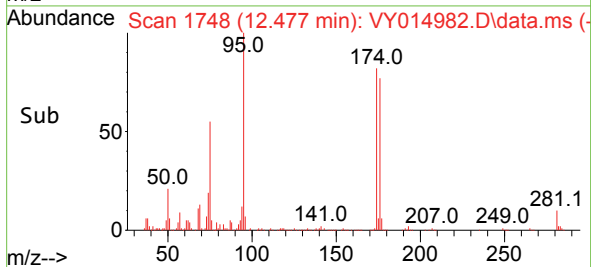
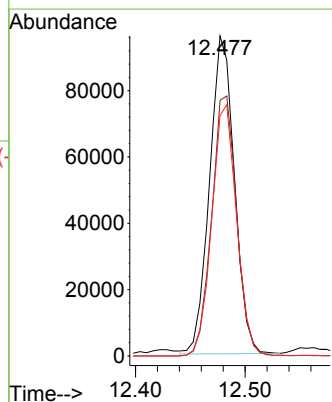
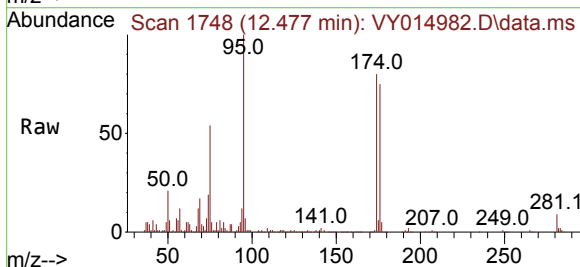
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

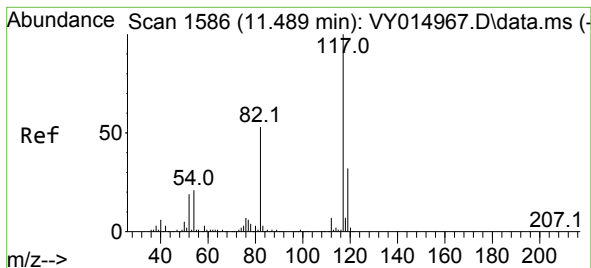
Tgt Ion: 43 Resp: 22444
Ion Ratio Lower Upper
43 100
58 5.2 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 48.774 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 95 Resp: 151032
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.2
176 79.0 0.0 173.8

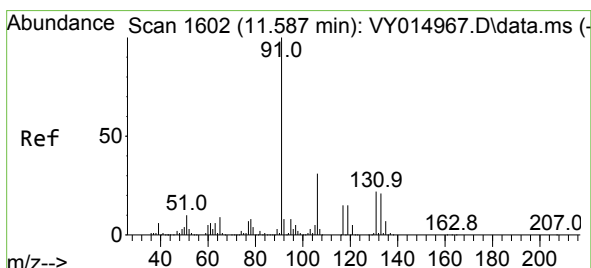
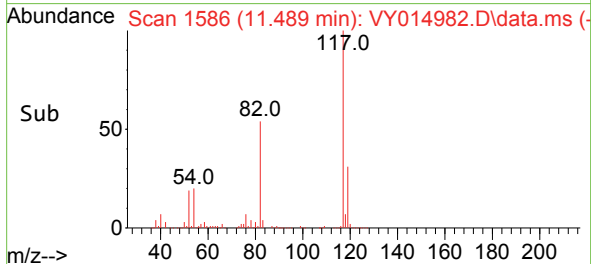
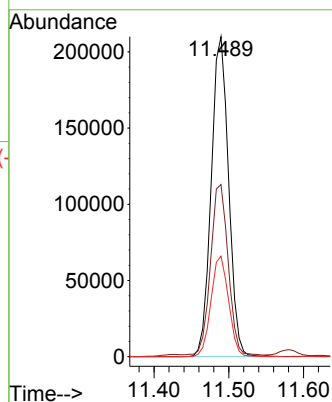
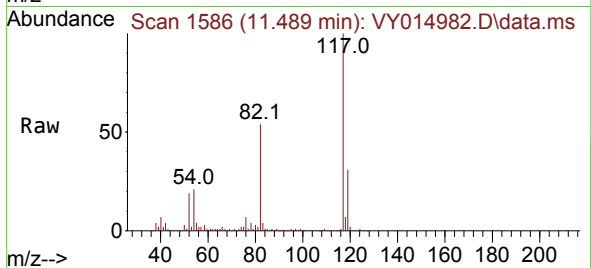




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

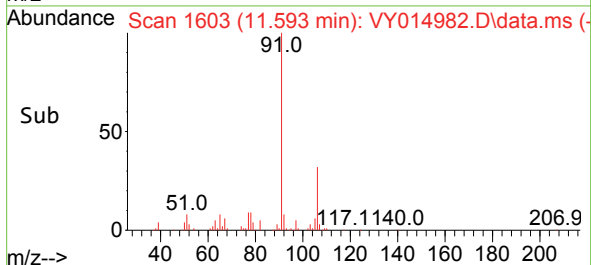
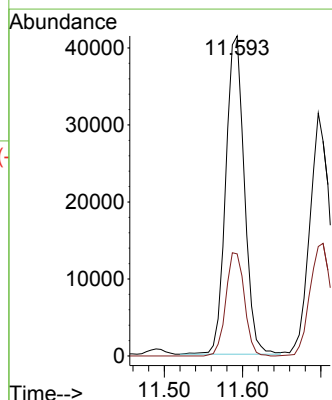
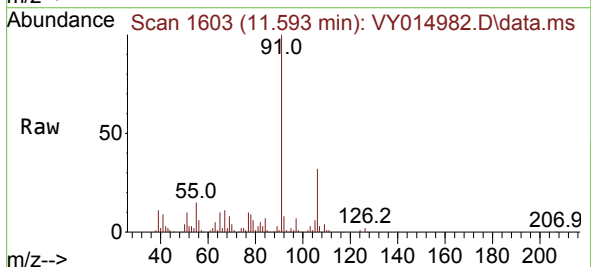
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

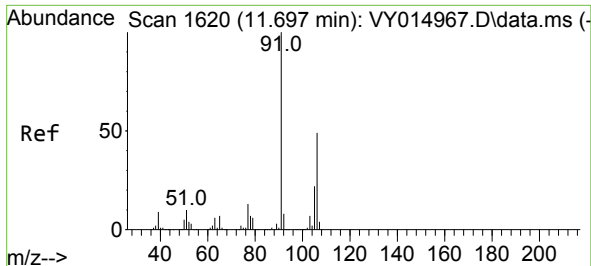
Tgt Ion:117 Resp: 338864
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.4 26.3 39.5



#67
Ethyl Benzene
Concen: 6.042 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 91 Resp: 68180
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

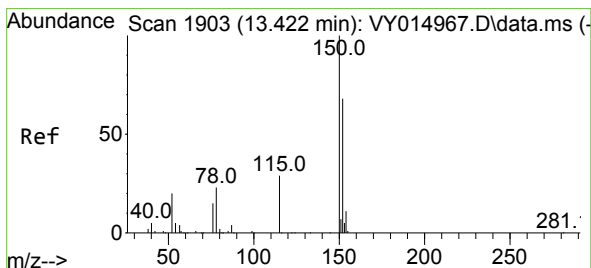
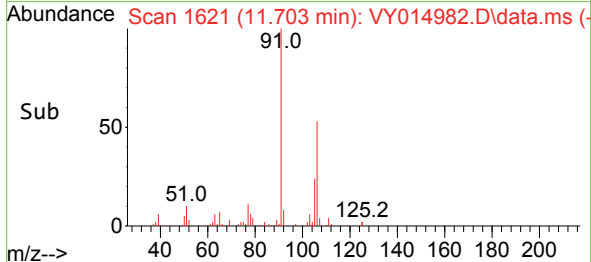
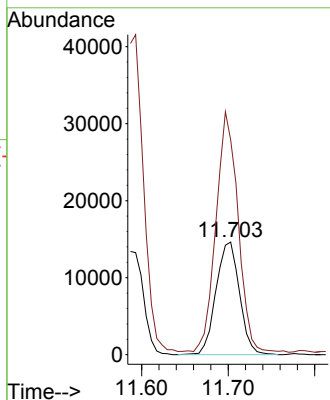
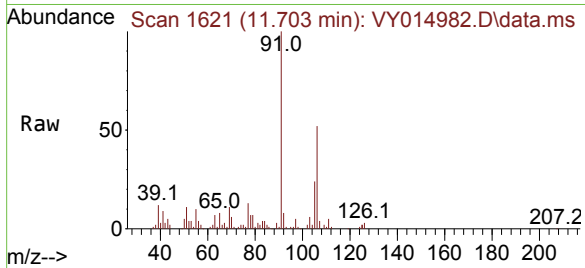




#68
m/p-Xylenes
Concen: 6.375 ug/l
RT: 11.703 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

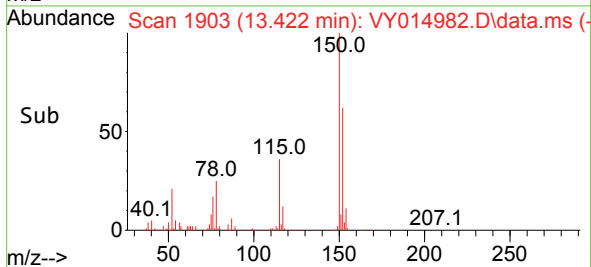
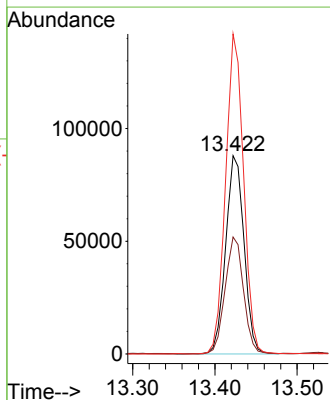
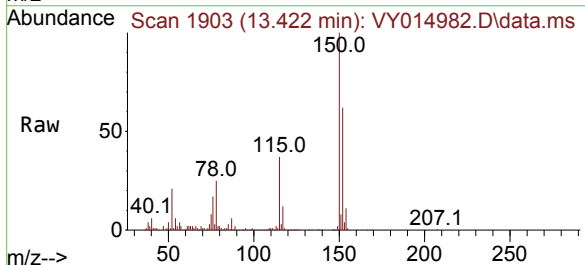
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

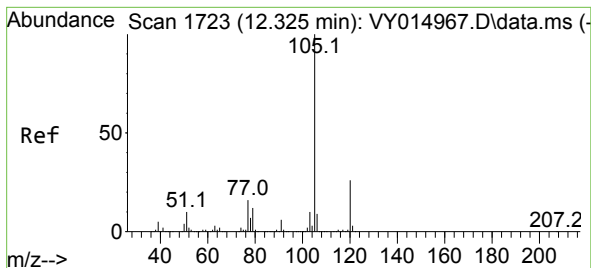
Tgt Ion:106 Resp: 27520
Ion Ratio Lower Upper
106 100
91 201.8 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion:152 Resp: 137267
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 157.3 0.0 348.8





#73

Isopropylbenzene

Concen: 1.784 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

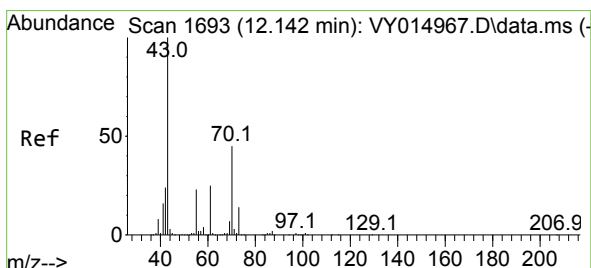
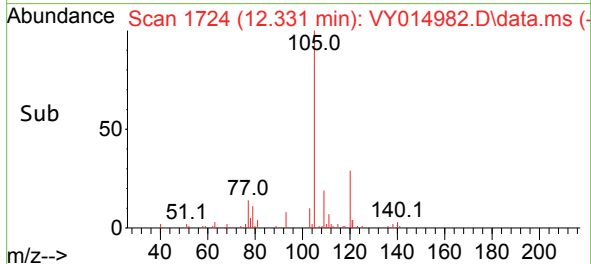
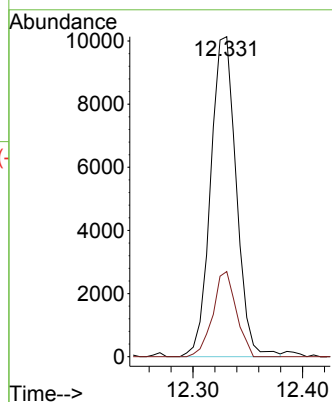
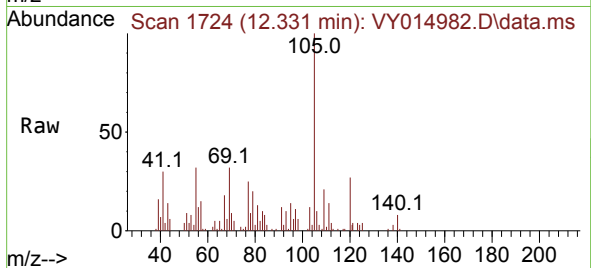
B-PP19

Tgt Ion:105 Resp: 16459

Ion Ratio Lower Upper

105 100

120 24.3 13.3 39.9



#74

N-ethyl acetate

Concen: 3.951 ug/l

RT: 12.124 min Scan# 1690

Delta R.T. -0.018 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Tgt Ion: 43 Resp: 12456

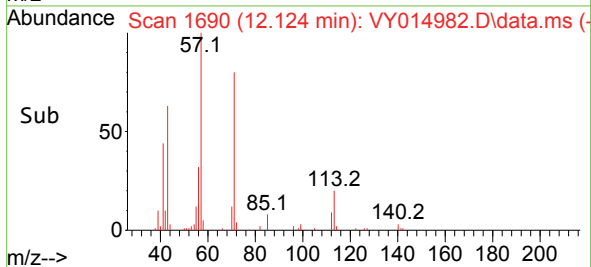
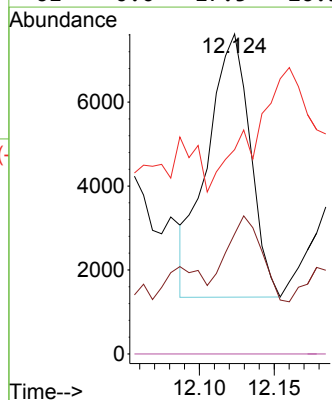
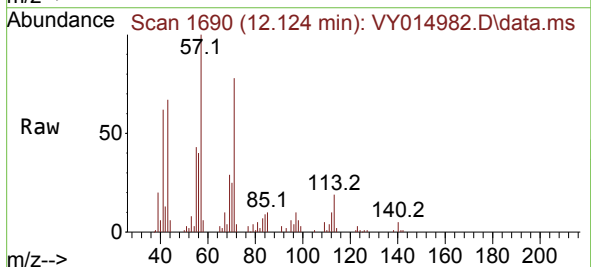
Ion Ratio Lower Upper

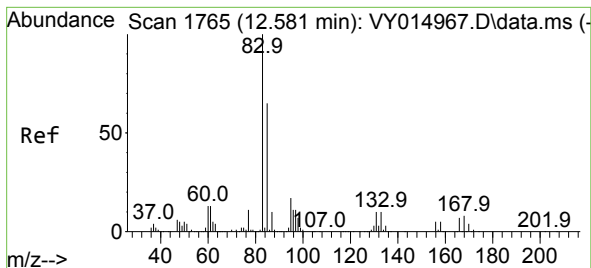
43 100

70 26.8 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.163 ug/l

RT: 12.562 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

B-PP19

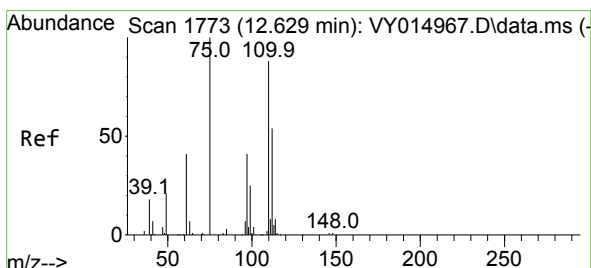
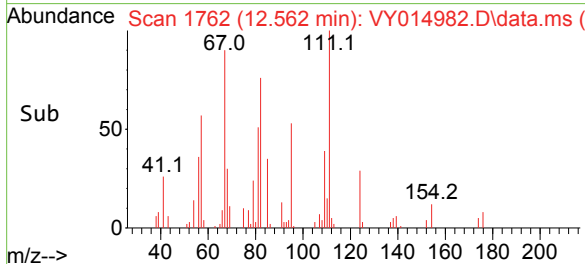
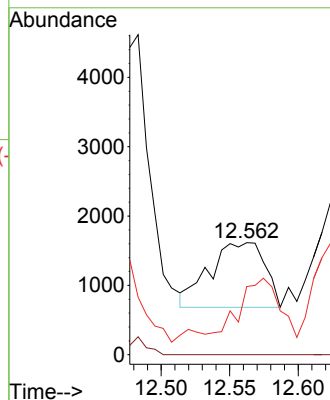
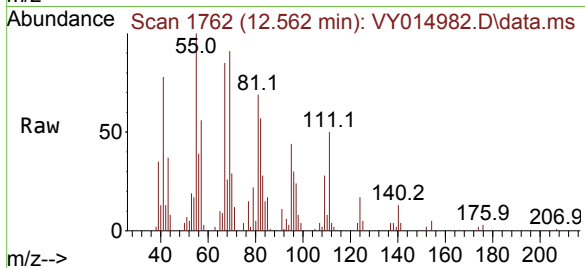
Tgt Ion: 83 Resp: 2622

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 62.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 49.153 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY014982.D

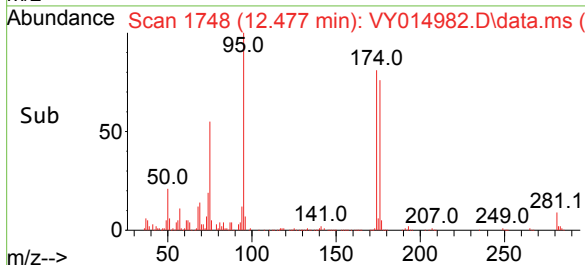
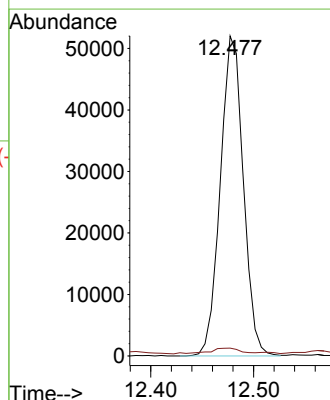
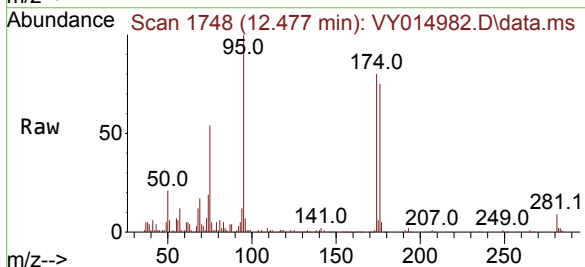
Acq: 08 Aug 2023 14:01

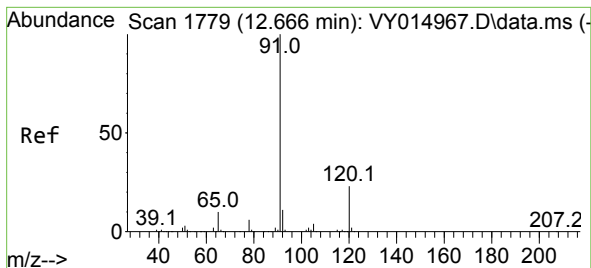
Tgt Ion: 75 Resp: 80846

Ion Ratio Lower Upper

75 100

77 2.4 0.0 0.0#





#78

n-propylbenzene

Concen: 4.304 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

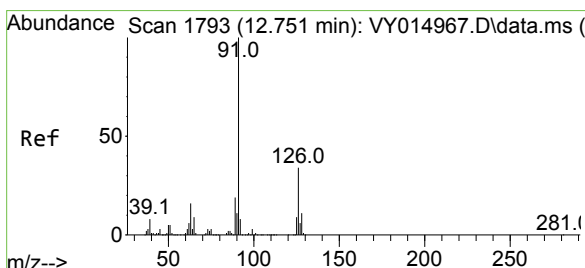
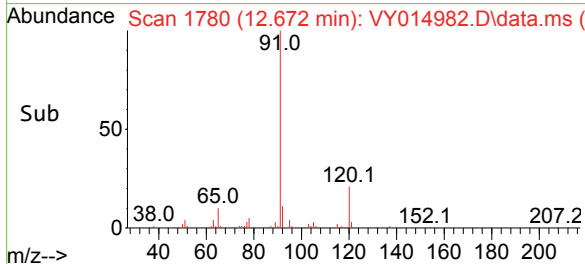
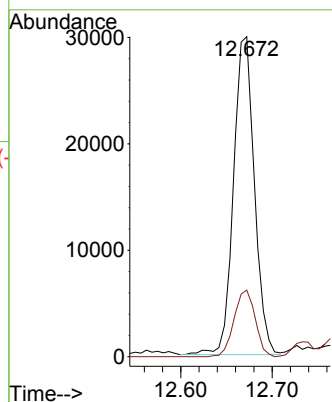
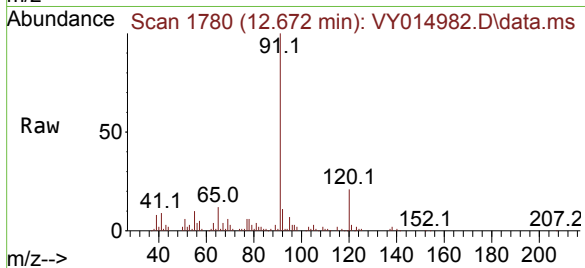
B-PP19

Tgt Ion: 91 Resp: 47495

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 7.551 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.079 min

Lab File: VY014982.D

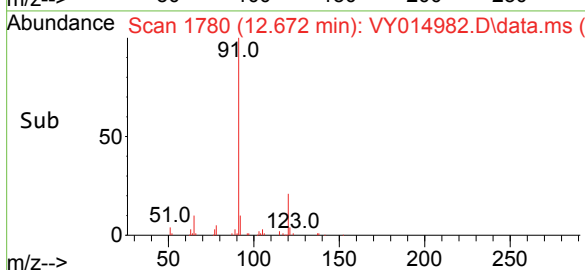
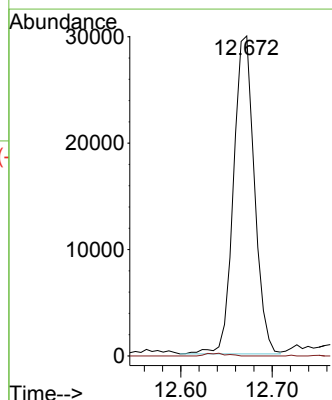
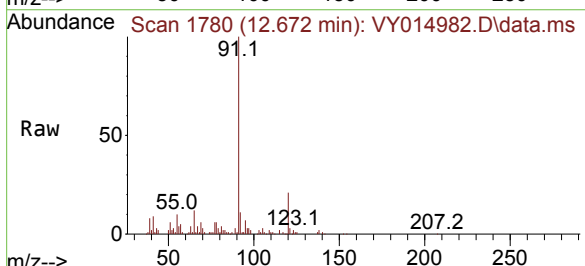
Acq: 08 Aug 2023 14:01

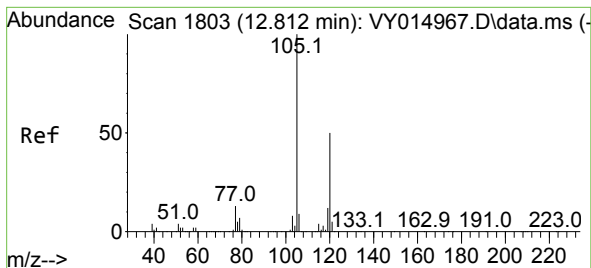
Tgt Ion: 91 Resp: 47495

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 1.311 ug/l

RT: 12.812 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

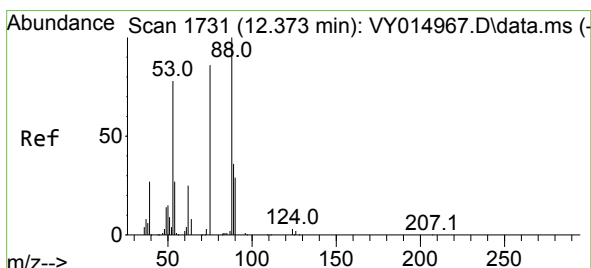
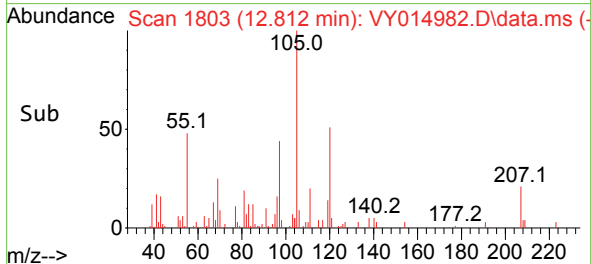
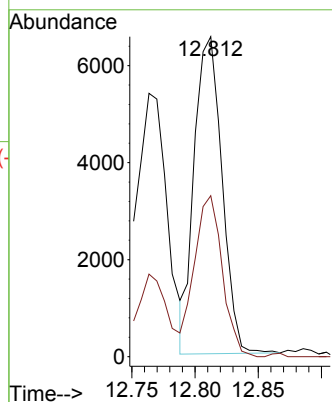
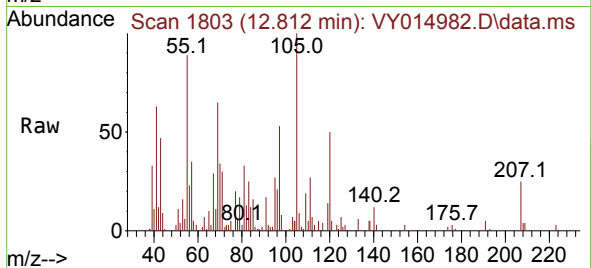
B-PP19

Tgt Ion:105 Resp: 9968

Ion Ratio Lower Upper

105 100

120 51.0 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 108.285 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY014982.D

Acq: 08 Aug 2023 14:01

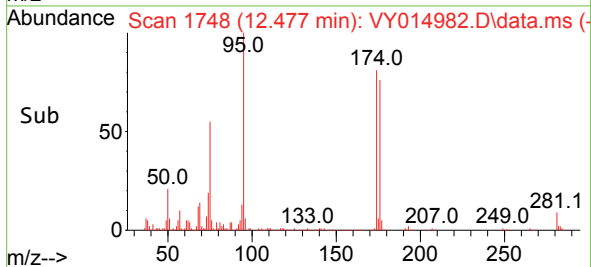
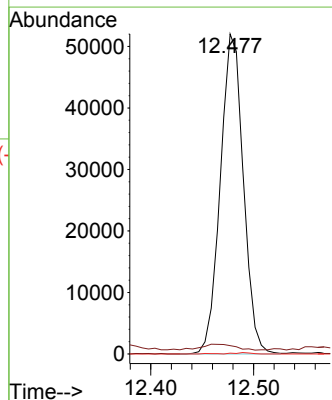
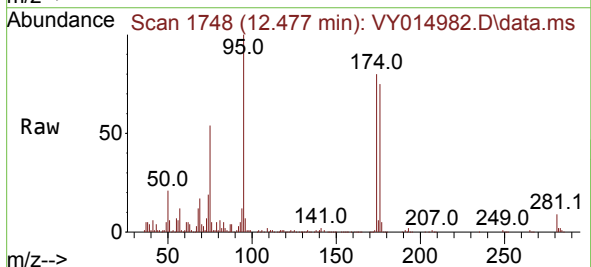
Tgt Ion: 75 Resp: 80846

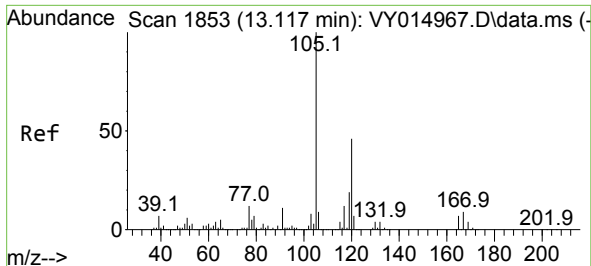
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.3 37.4 56.0#

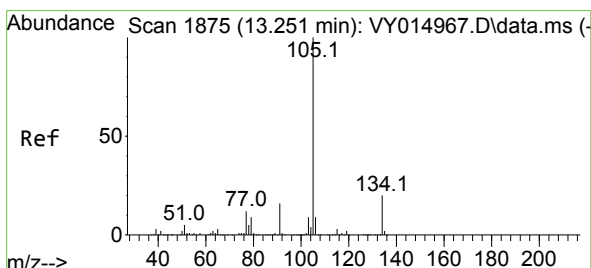
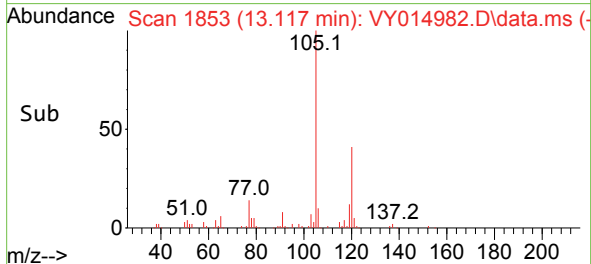
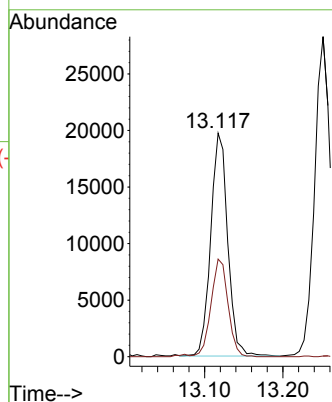
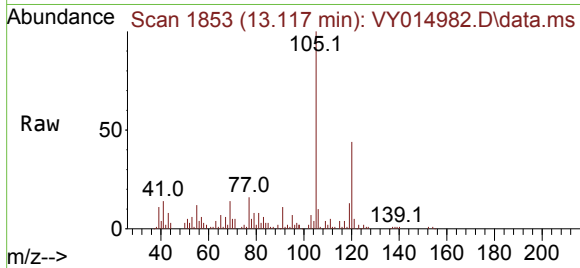




#84
1,2,4-Trimethylbenzene
Concen: 3.897 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

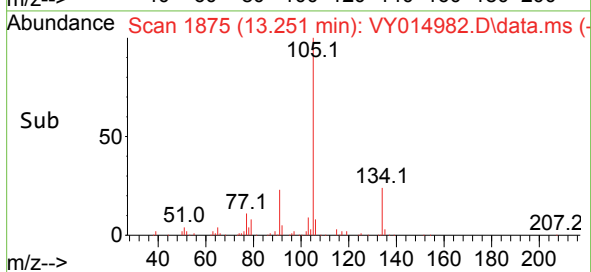
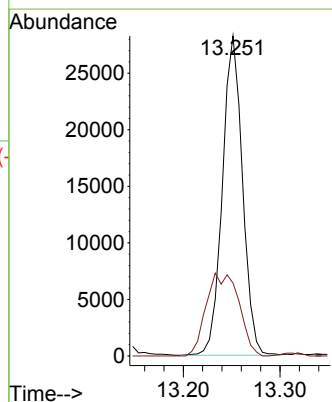
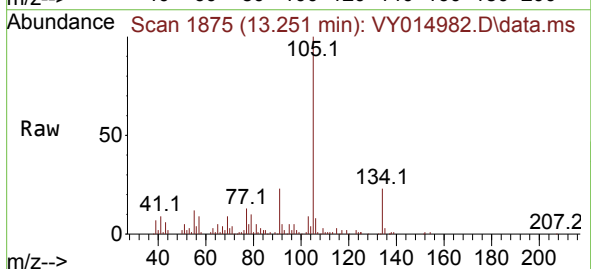
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

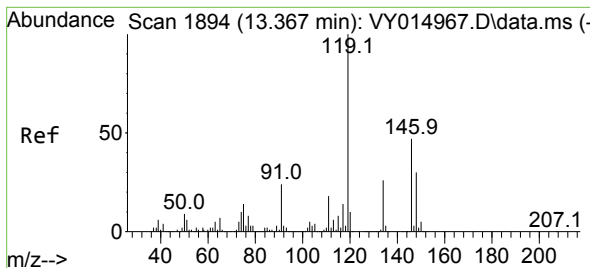
Tgt Ion:105 Resp: 29691
Ion Ratio Lower Upper
105 100
120 43.6 22.2 66.6



#85
sec-Butylbenzene
Concen: 3.999 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion:105 Resp: 40829
Ion Ratio Lower Upper
105 100
134 42.2 10.2 30.6#

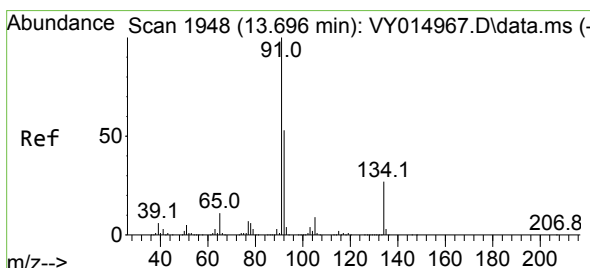
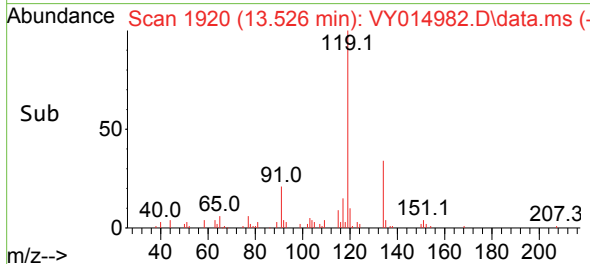
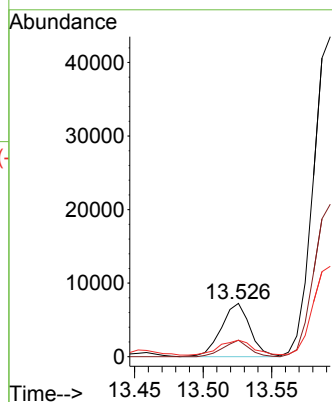
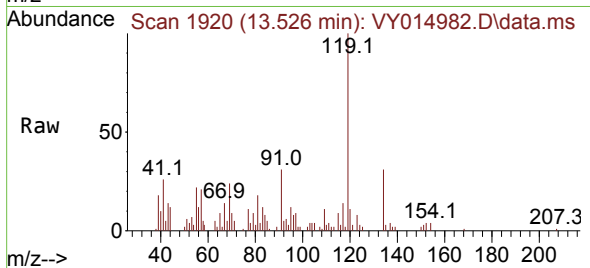




#86
p-Isopropyltoluene
Concen: 1.251 ug/l
RT: 13.526 min Scan# 119
Delta R.T. 0.159 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

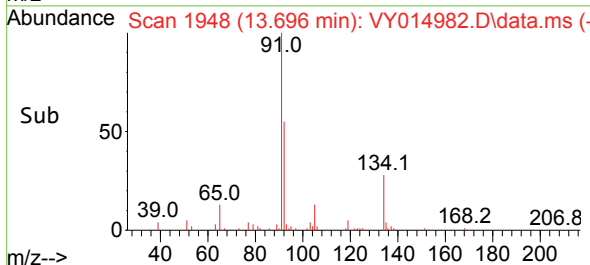
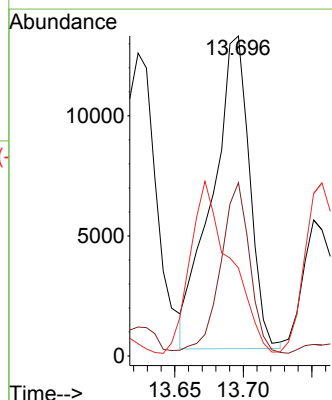
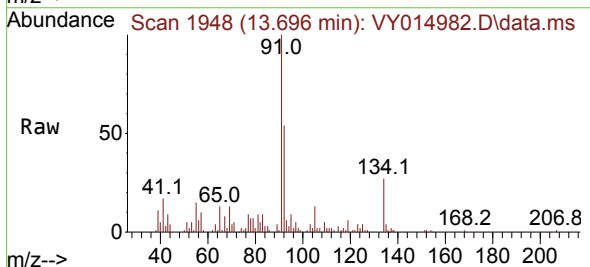
Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

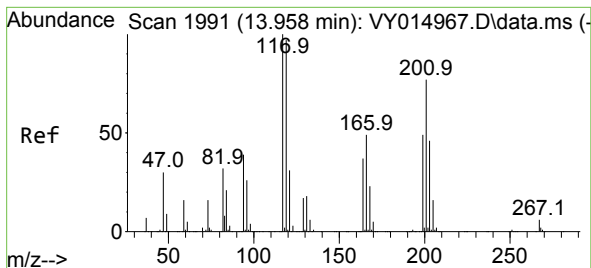
Tgt Ion:119 Resp: 10573
Ion Ratio Lower Upper
119 100
134 27.8 13.3 39.8
91 31.7 12.4 37.4



#89
n-Butylbenzene
Concen: 3.106 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion: 91 Resp: 24664
Ion Ratio Lower Upper
91 100
92 43.0 25.4 76.0
134 0.0 12.6 37.6#

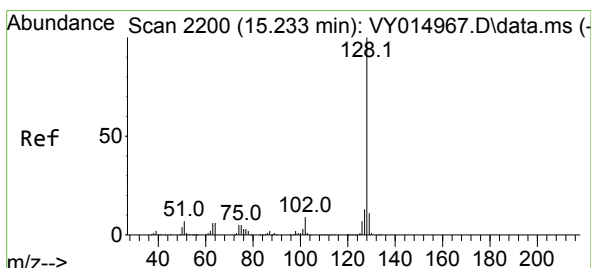
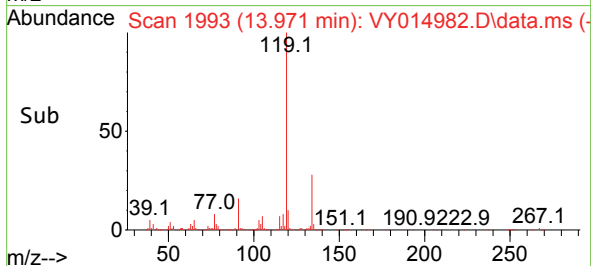
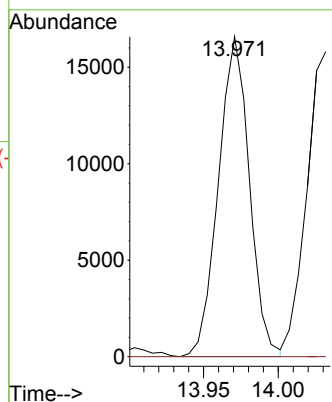
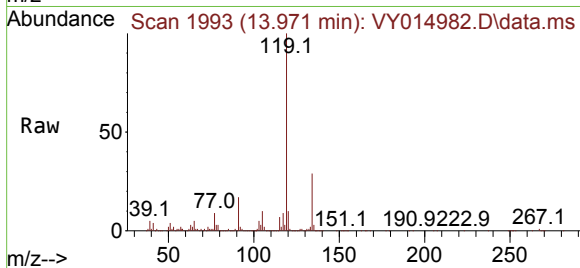




#90
Hexachloroethane
Concen: 14.554 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-PP19

Tgt Ion:117 Resp: 23885
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#95
Naphthalene
Concen: 1.764 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY014982.D
Acq: 08 Aug 2023 14:01

Tgt Ion:128 Resp: 10741
Ion Ratio Lower Upper
128 100
127 14.9 10.8 16.2
129 8.6 8.6 13.0#

