

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014946.D
 Acq On : 03 Aug 2023 13:59
 Operator : SY/MD
 Sample : VY0803SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBL01

Quant Time: Aug 04 04:31:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

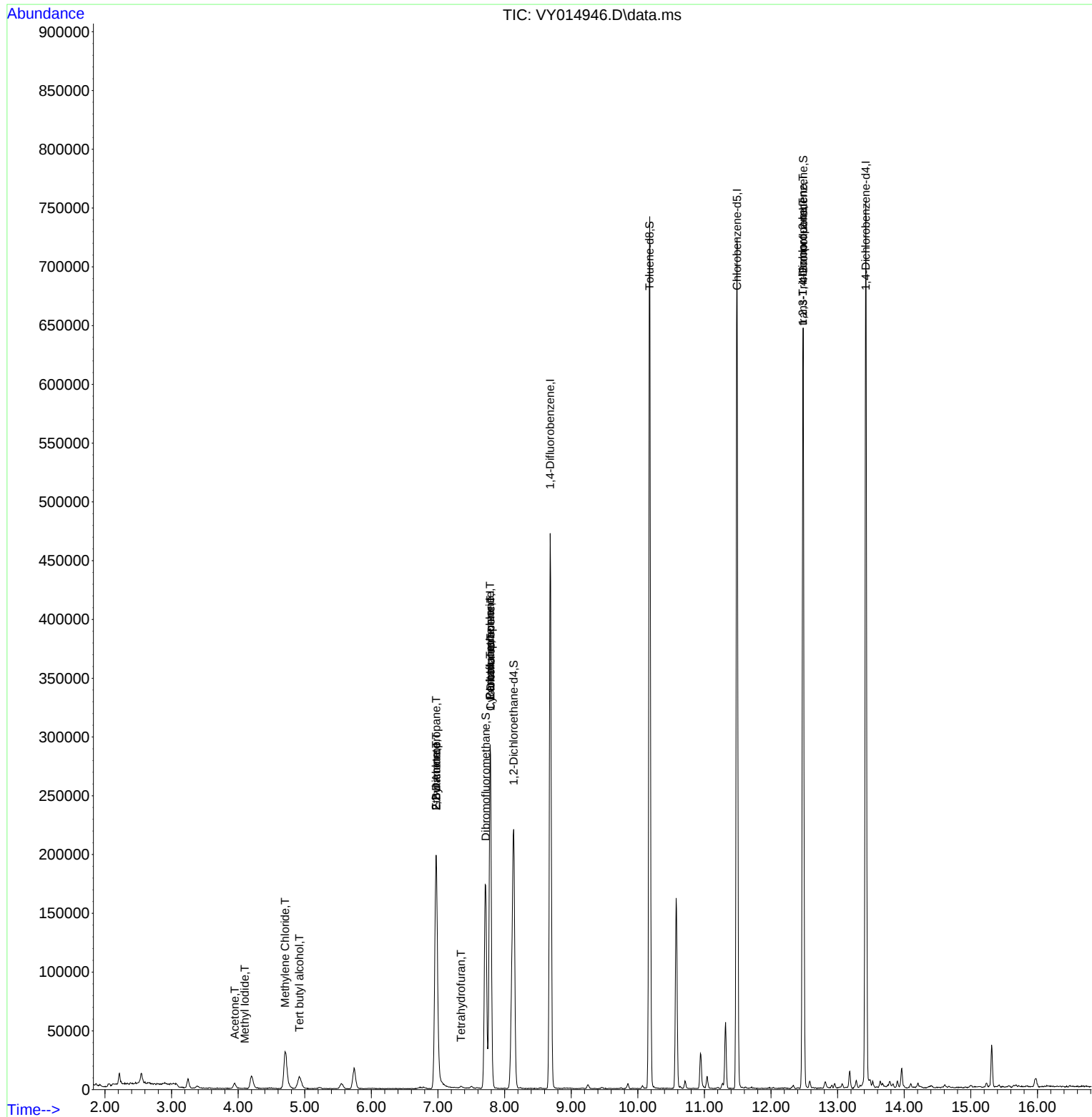
Internal Standards						
1) Pentafluorobenzene	7.783	168	225245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	402800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	386906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145087	56.525	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.060%			
35) Dibromofluoromethane	7.716	113	128255	50.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.040%			
50) Toluene-d8	10.179	98	477633	50.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.483	95	179507	49.522	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.040%			
Target Compounds						Qvalue
10) Methyl Iodide	4.101	142	532	2.571	ug/l #	53
11) Tert butyl alcohol	4.917	59	11450	9.699	ug/l #	91
16) Acetone	3.948	43	7896	9.708	ug/l	97
20) Methylene Chloride	4.704	84	24433	5.487	ug/l	91
25) 2-Butanone	6.972	43	10936	9.190	ug/l #	74
26) 2,2-Dichloropropane	6.972	77	15081	3.454	ug/l #	54
29) Tetrahydrofuran	7.344	42	976	1.332	ug/l	97
31) Cyclohexane	7.789	56	4913	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	18021	4.700	ug/l #	50
37) Ethyl Acetate	6.972	43	10936	4.142	ug/l #	1
38) Carbon Tetrachloride	7.783	117	23083	5.695	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	98183	41.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	98183	79.786	ug/l #	11

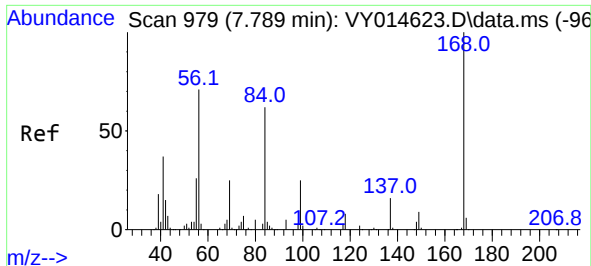
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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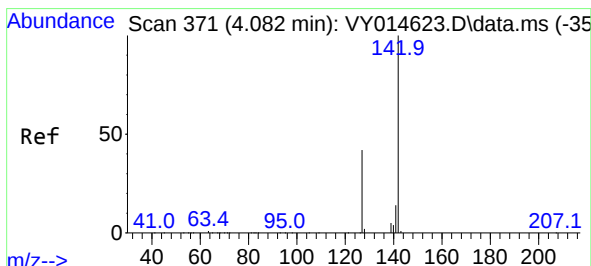
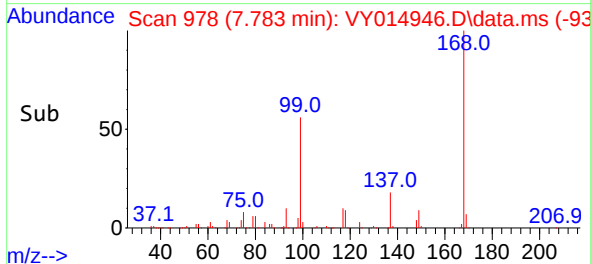
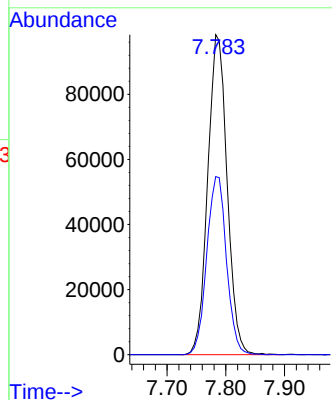
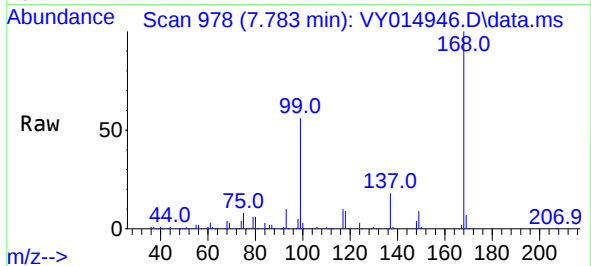




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

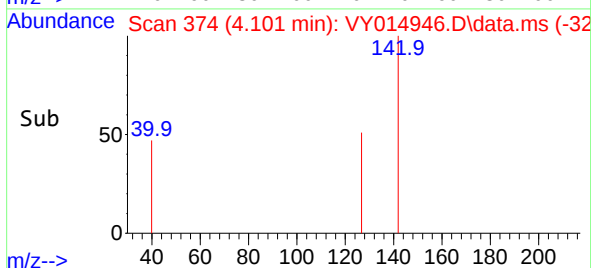
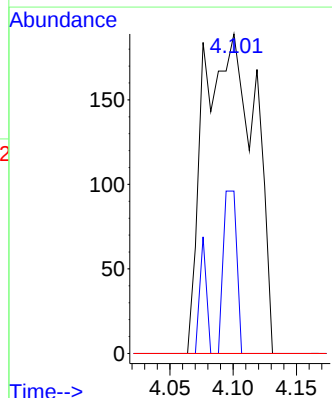
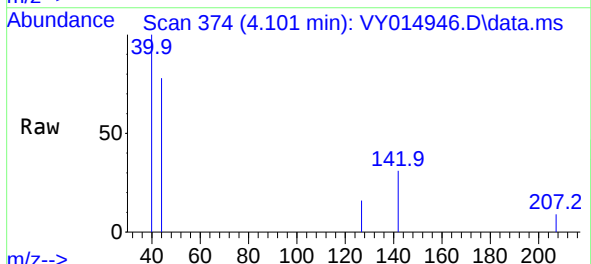
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

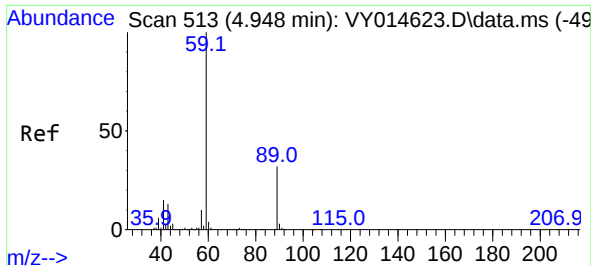
Tgt Ion:168 Resp: 225245
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.571 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion:142 Resp: 532
Ion Ratio Lower Upper
142 100
127 13.2 37.6 56.4#
141 0.0 11.8 17.8#

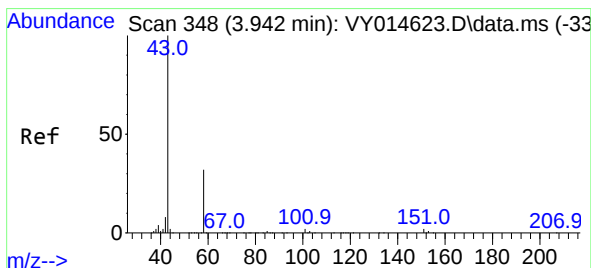
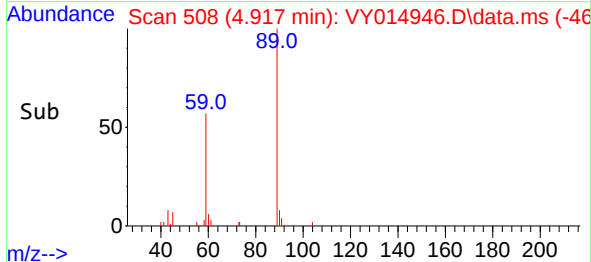
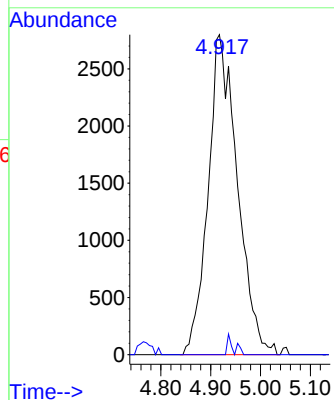
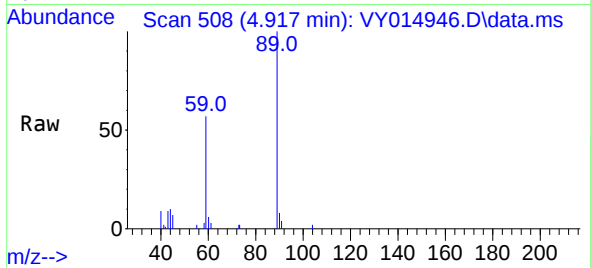




#11
Tert butyl alcohol
Concen: 9.699 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

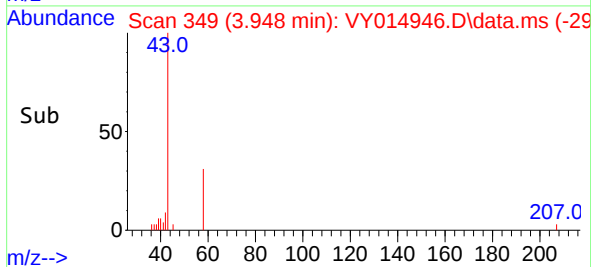
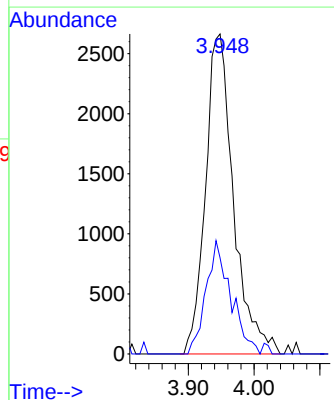
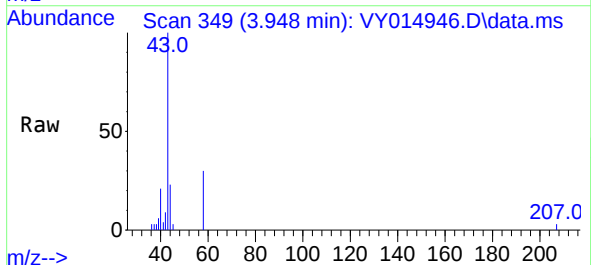
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

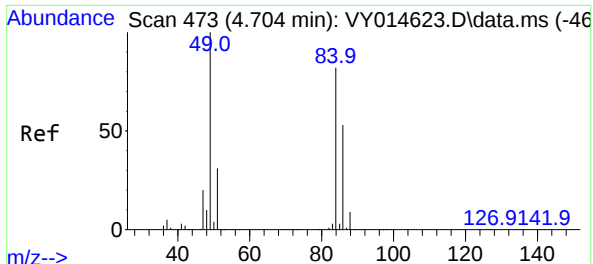
Tgt Ion: 59 Resp: 11450
Ion Ratio Lower Upper
59 100
57 0.8 3.0 4.4#



#16
Acetone
Concen: 9.708 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 43 Resp: 7896
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1



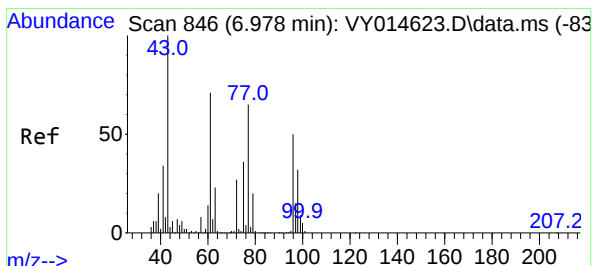
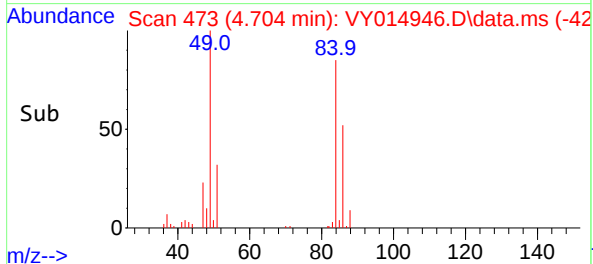
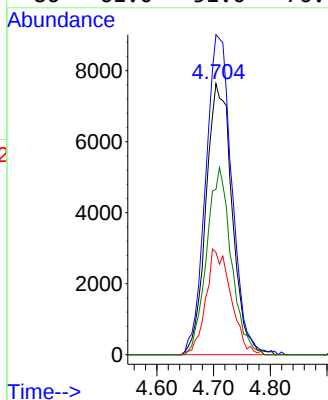
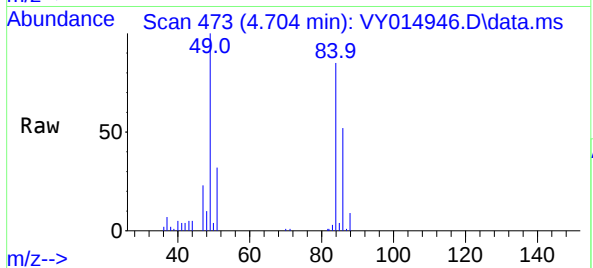


#20
Methylene Chloride
Concen: 5.487 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

Tgt Ion: 84 Resp: 24433

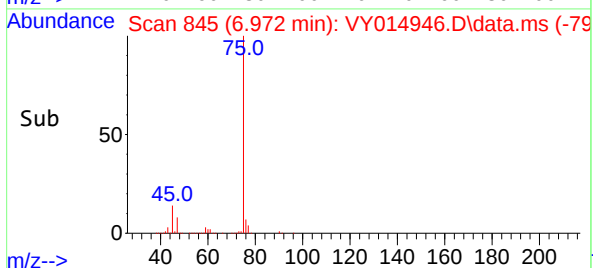
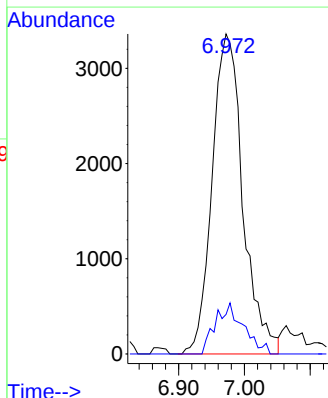
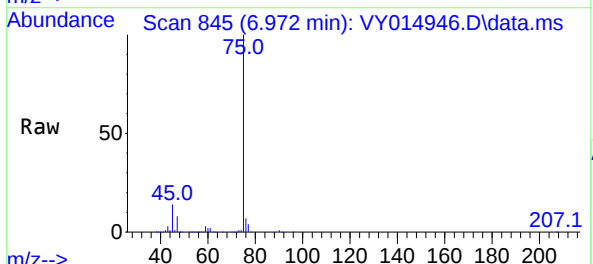
Ion	Ratio	Lower	Upper
84	100		
49	118.1	106.9	160.3
51	37.8	33.2	49.8
86	61.0	51.0	76.6

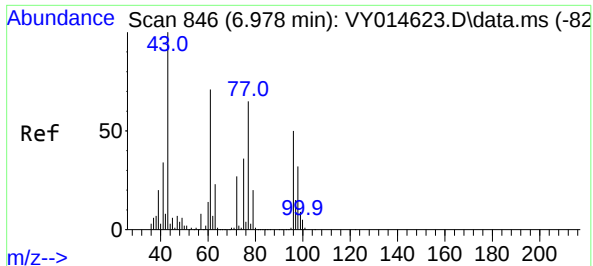


#25
2-Butanone
Concen: 9.190 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 43 Resp: 10936

Ion	Ratio	Lower	Upper
43	100		
72	12.3	20.5	30.7#

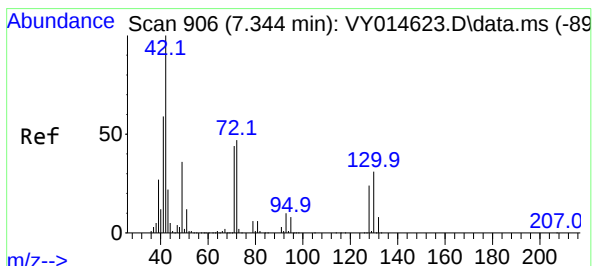
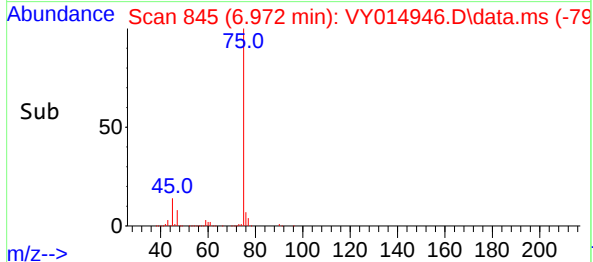
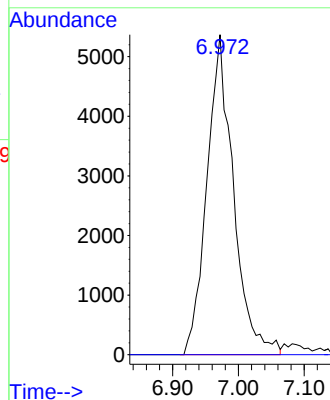
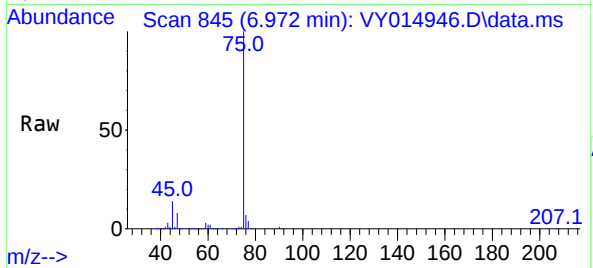




#26
2,2-Dichloropropane
Concen: 3.454 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

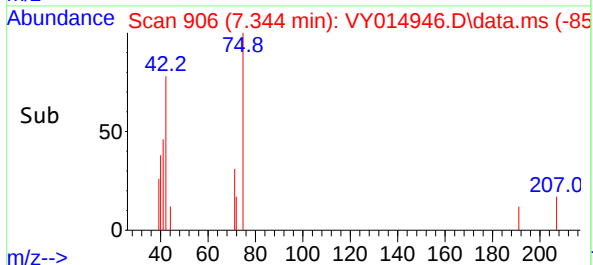
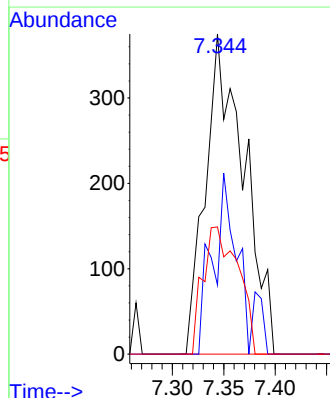
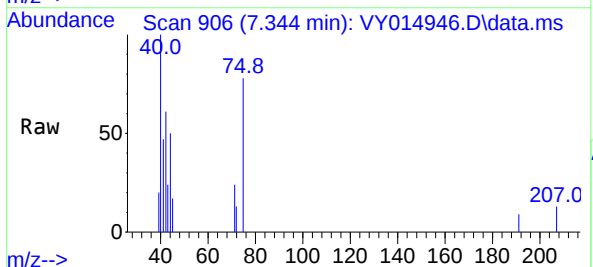
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

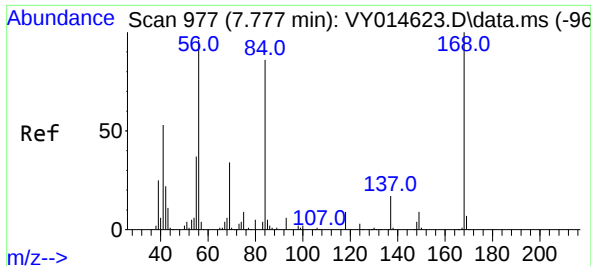
Tgt Ion: 77 Resp: 15081
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#29
Tetrahydrofuran
Concen: 1.332 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 42 Resp: 976
Ion Ratio Lower Upper
42 100
72 39.3 32.8 49.2
71 36.4 31.0 46.4

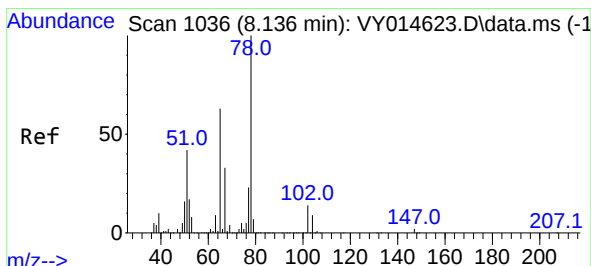
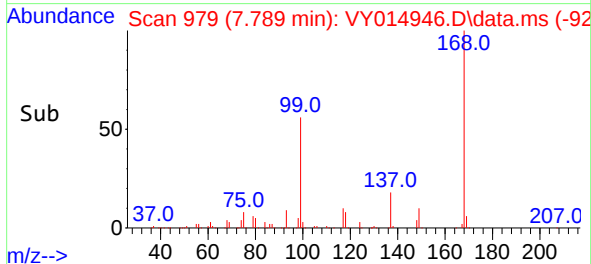
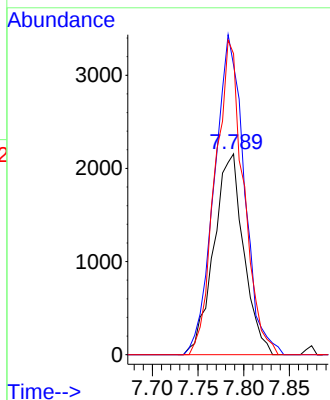
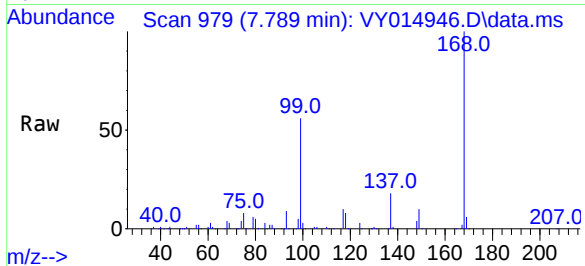




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

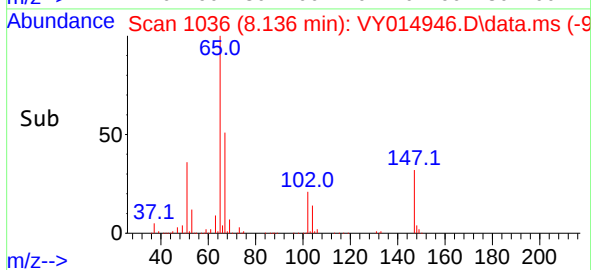
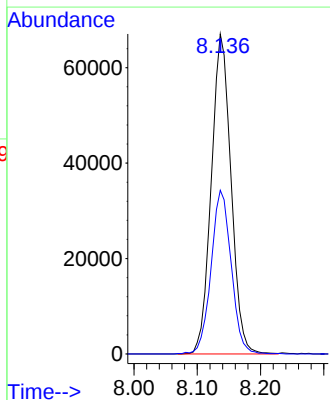
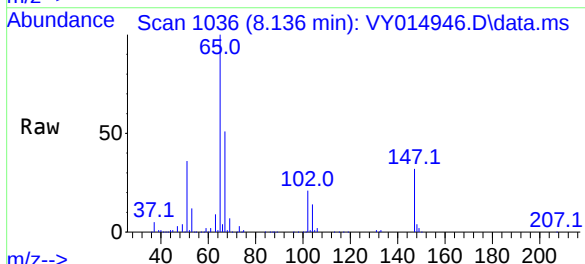
Instrument :
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ClientSampleId :
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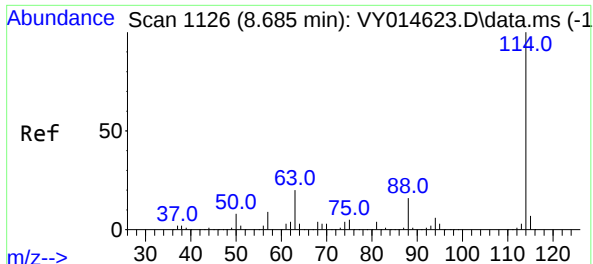
Tgt Ion: 56 Resp: 4913
Ion Ratio Lower Upper
56 100
69 144.2 27.8 41.6#
84 155.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.525 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 65 Resp: 145087
Ion Ratio Lower Upper
65 100
67 52.2 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: VY014946.D

Acq: 03 Aug 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBL01

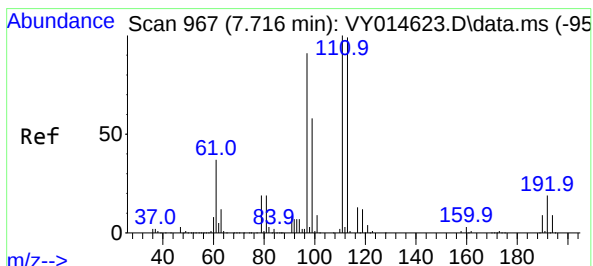
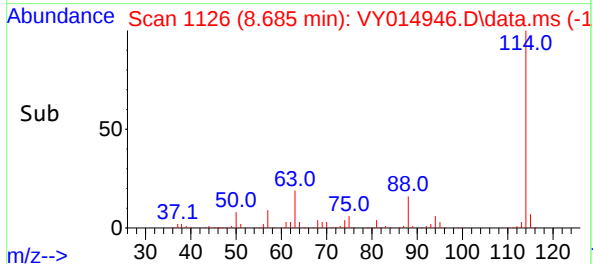
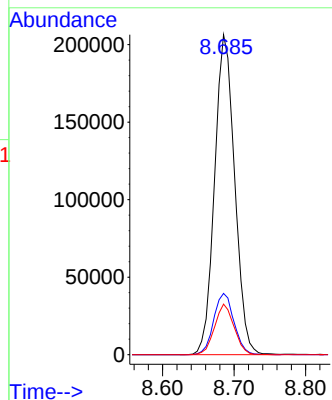
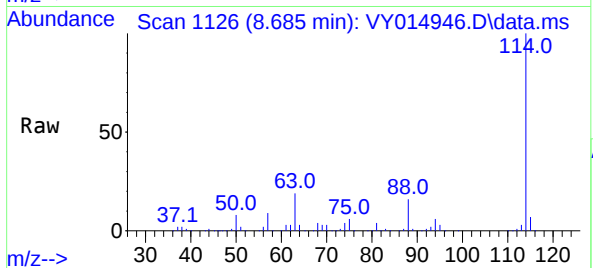
Tgt Ion:114 Resp: 402800

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.019 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014946.D

Acq: 03 Aug 2023 13:59

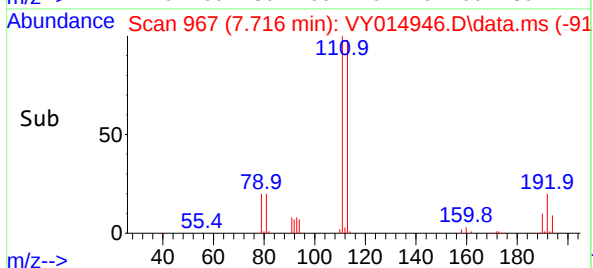
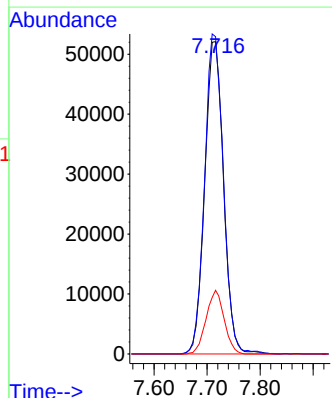
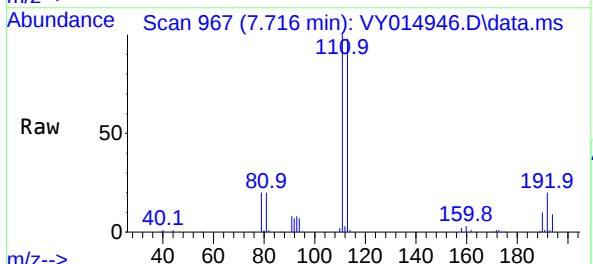
Tgt Ion:113 Resp: 128255

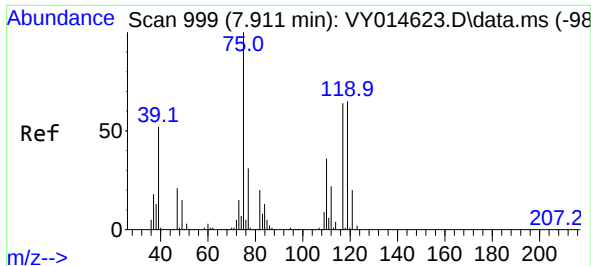
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

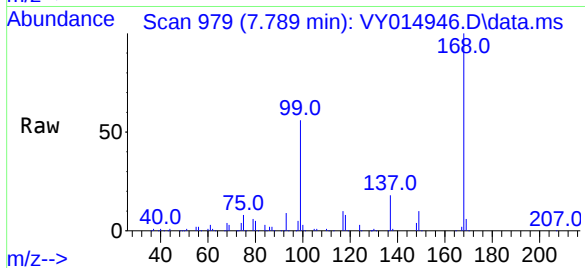
192 19.5 16.9 25.3



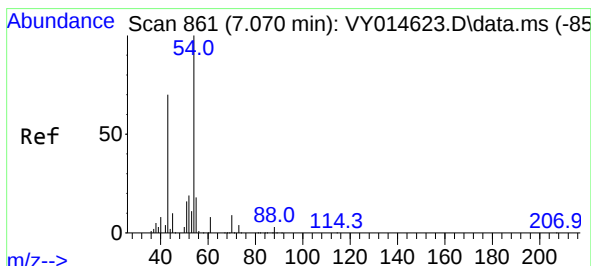
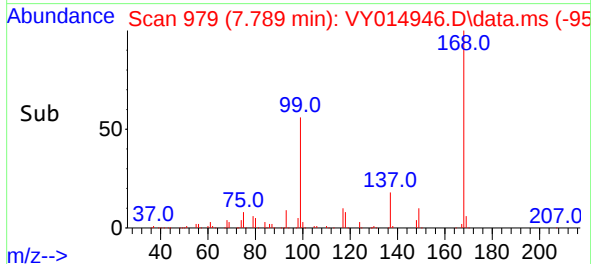
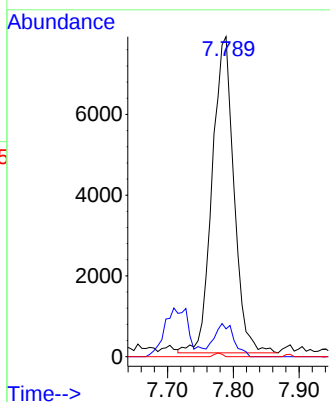


#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Instrument :
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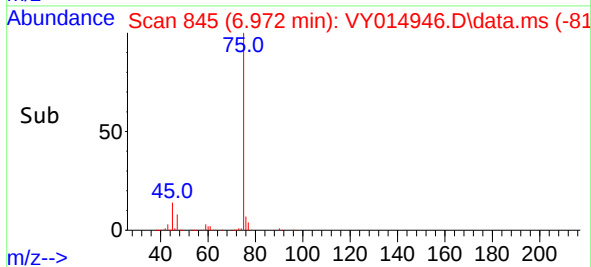
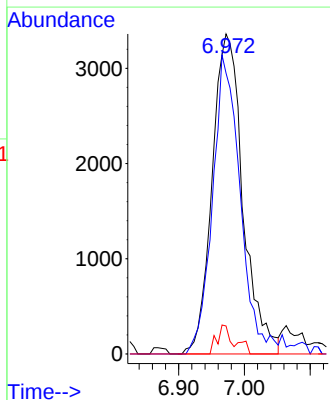
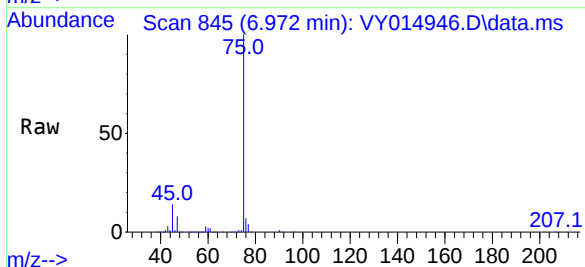


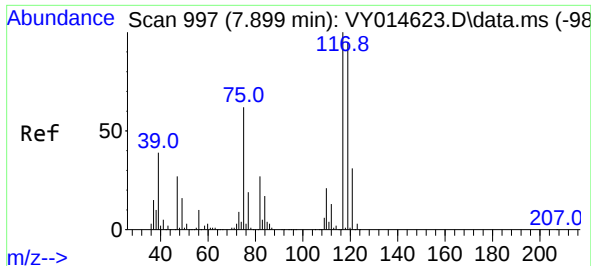
Tgt Ion: 75 Resp: 18021
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.4 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.142 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

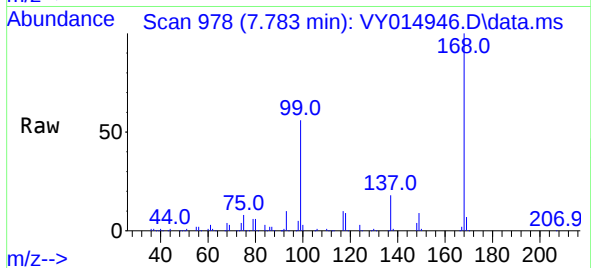
Tgt Ion: 43 Resp: 10936
Ion Ratio Lower Upper
43 100
61 84.0 10.1 15.1#
70 3.7 7.1 10.7#



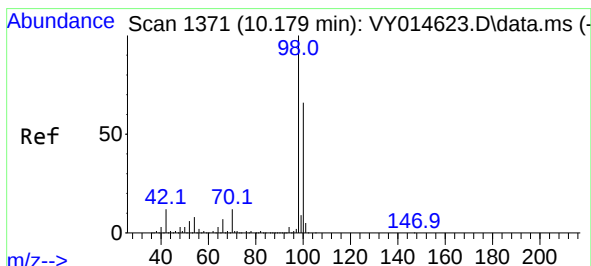
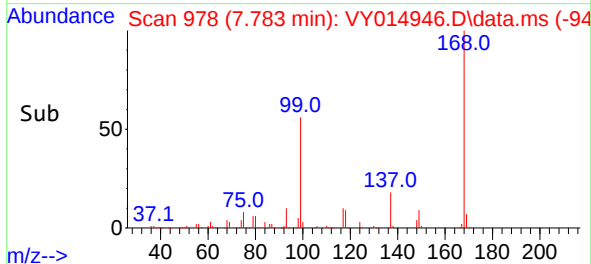
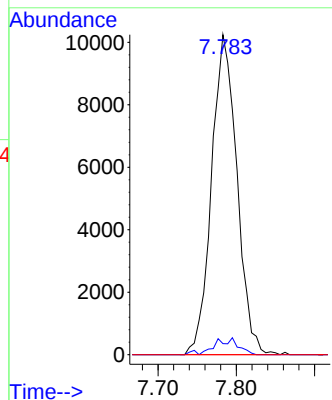


#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

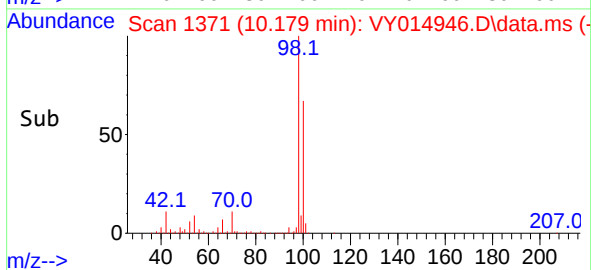
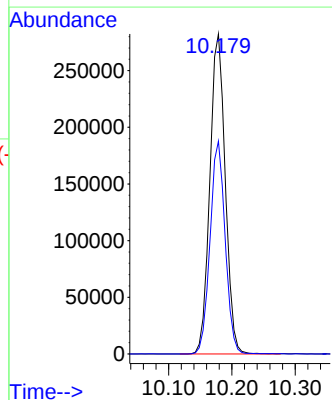
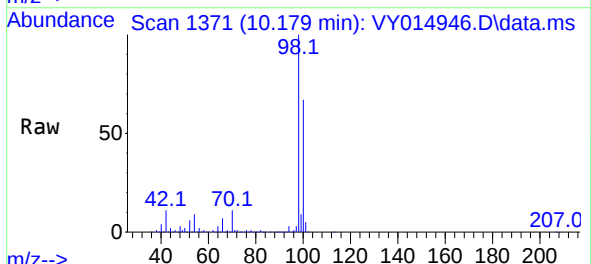


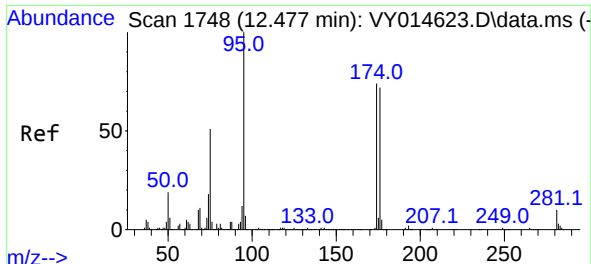
Tgt Ion:117 Resp: 23083
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.525 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 98 Resp: 477633
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

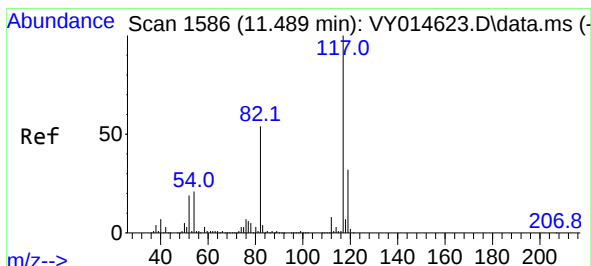
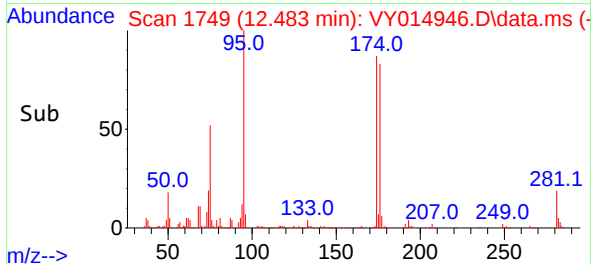
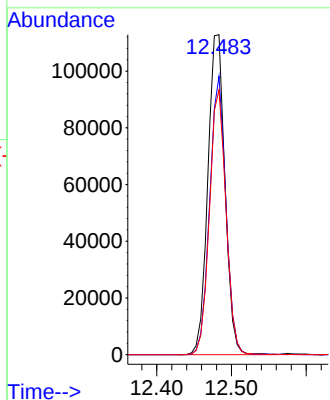
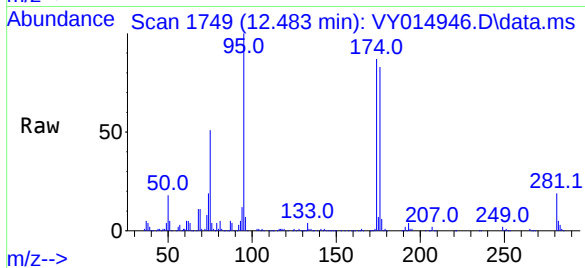




#62
4-Bromofluorobenzene
Concen: 49.522 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

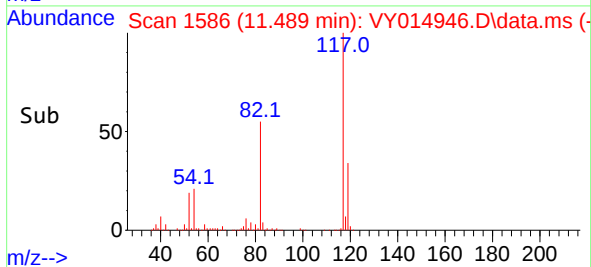
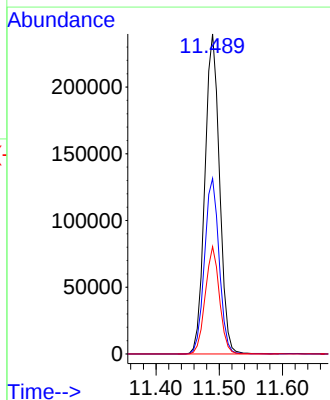
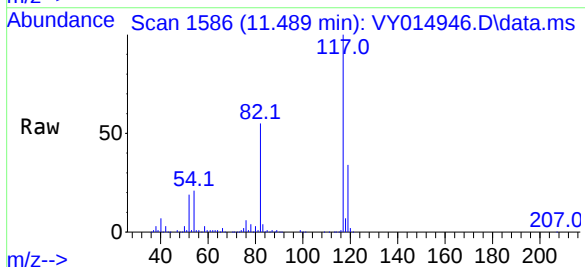
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

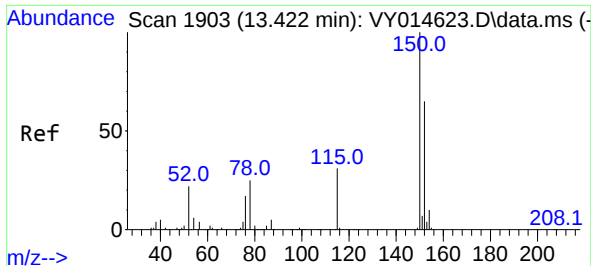
Tgt Ion: 95 Resp: 179507
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.2
176 79.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

Tgt Ion: 117 Resp: 386906
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 33.5 26.3 39.5

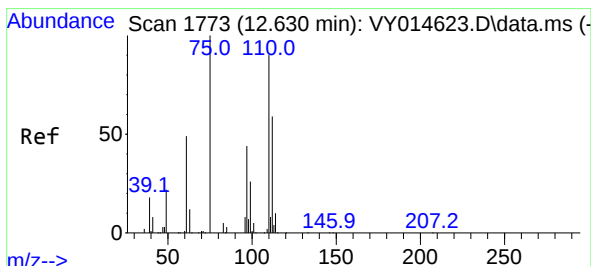
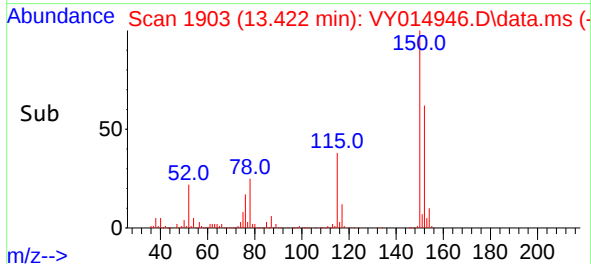
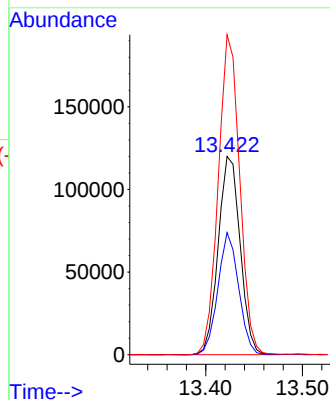
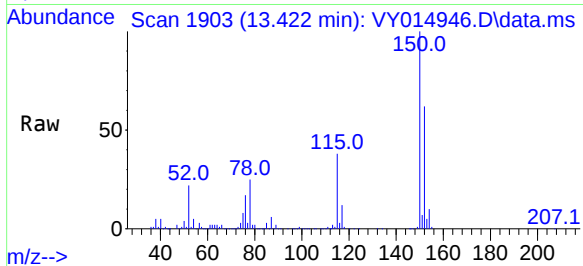




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

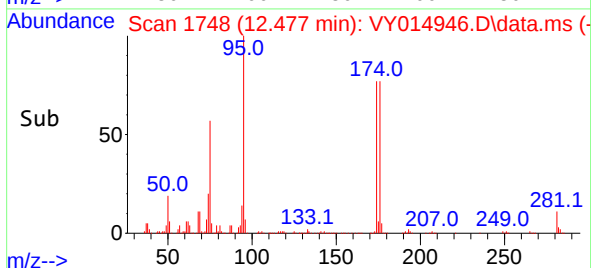
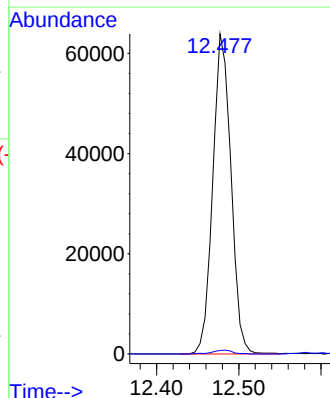
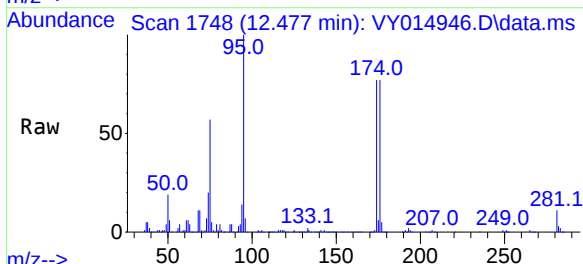
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

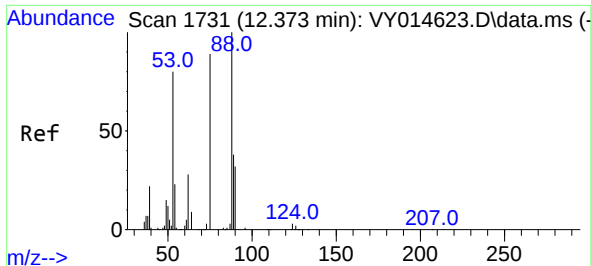
Tgt Ion:152 Resp: 188651
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 157.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.208 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014946.D
Acq: 03 Aug 2023 13:59

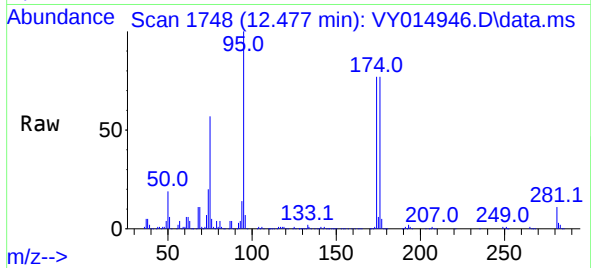
Tgt Ion: 75 Resp: 98183
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.786 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014946.D
 Acq: 03 Aug 2023 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBL01



Tgt Ion: 75 Resp: 98183
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

