

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013797.D
 Acq On : 18 May 2023 13:29
 Operator : KP/MD
 Sample : 02828-02
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: May 19 03:21:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

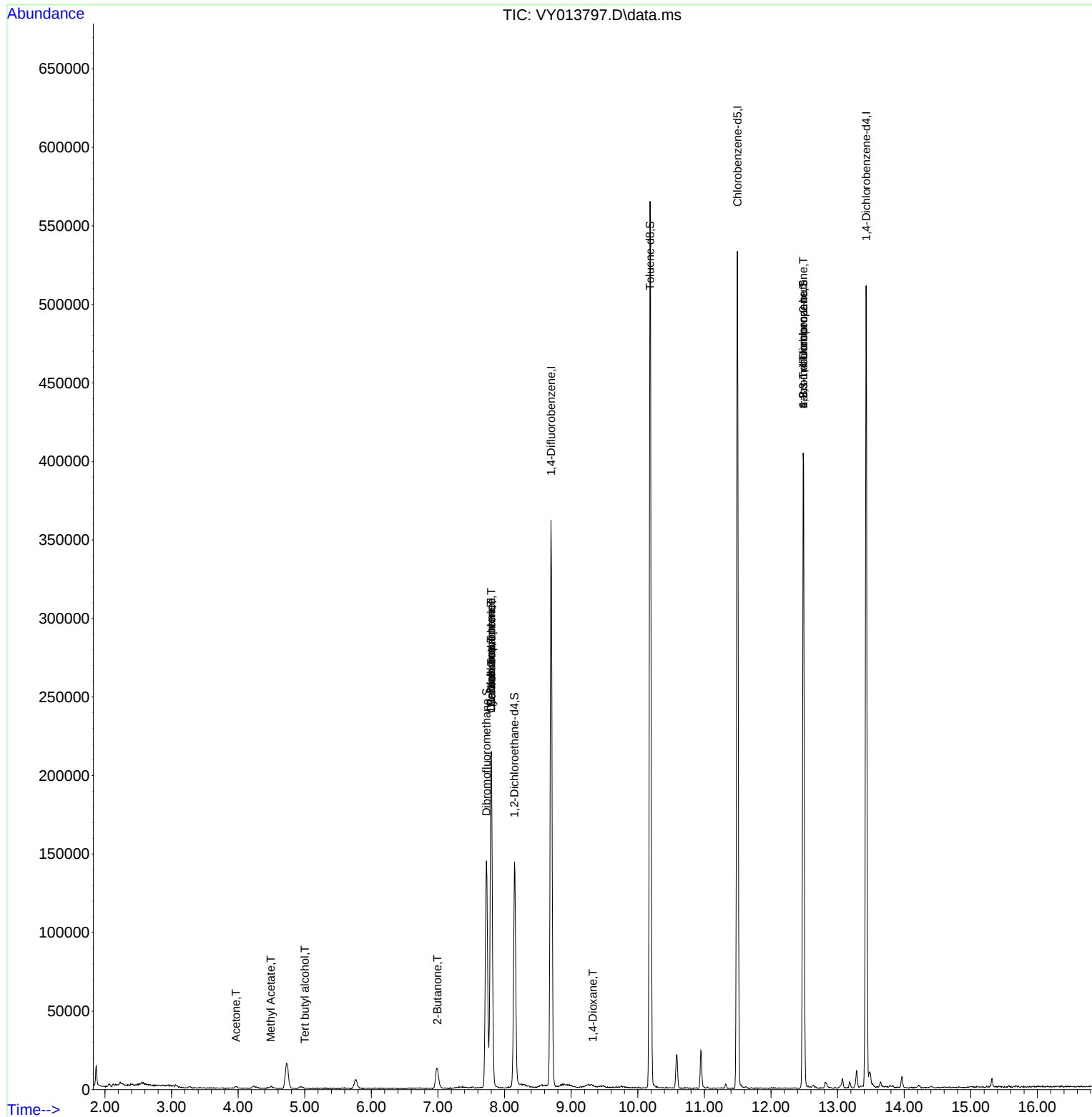
Internal Standards						
1) Pentafluorobenzene	7.801	168	165231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112254	58.483	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.960%			
35) Dibromofluoromethane	7.728	113	101034	54.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.660%			
50) Toluene-d8	10.185	98	358502	50.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.483	95	115513	49.331	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.003	59	271	1.743	ug/l #	73
16) Acetone	3.967	43	1935	3.341	ug/l #	82
18) Methyl Acetate	4.491	43	2748	1.361	ug/l #	87
25) 2-Butanone	6.990	43	823	1.093	ug/l #	89
31) Cyclohexane	7.795	56	3988	1.449	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	13577	5.284	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16540	6.102	ug/l #	15
49) 1,4-Dioxane	9.325	88	18	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	63047	41.784	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63047	93.026	ug/l #	12

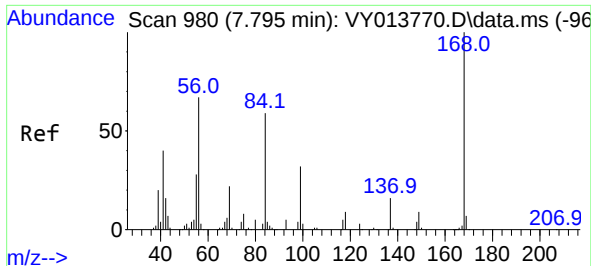
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
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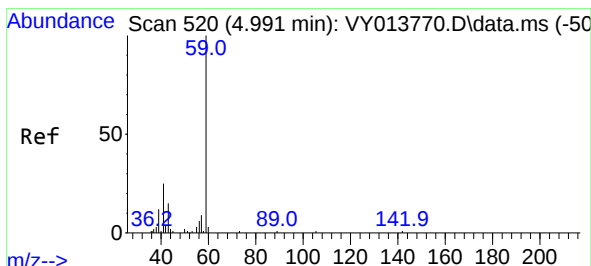
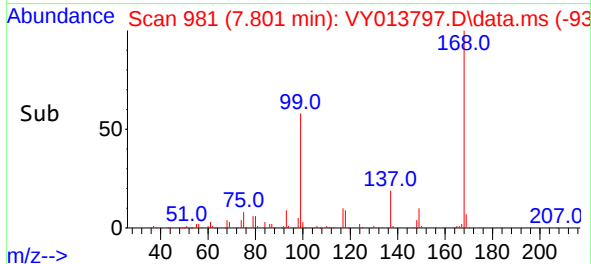
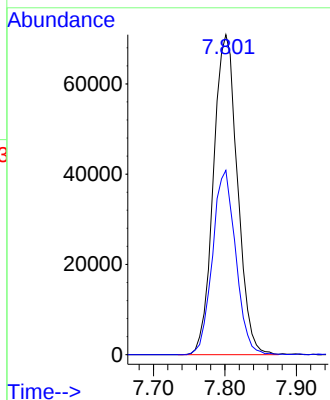
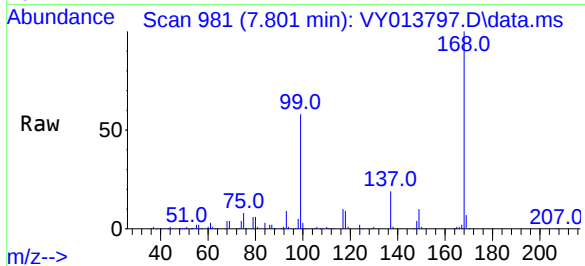




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

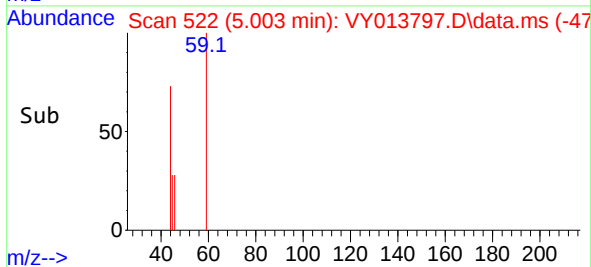
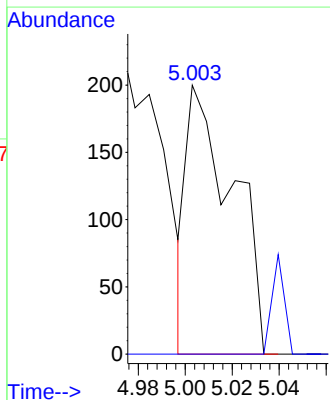
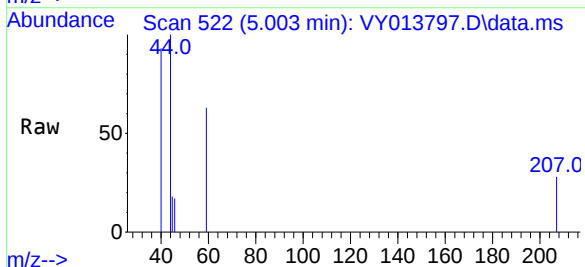
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

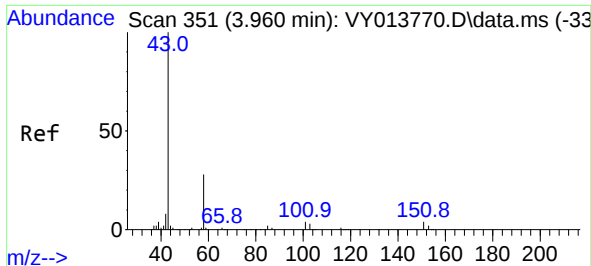
Tgt Ion:168 Resp: 165231
Ion Ratio Lower Upper
168 100
99 57.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 1.743 ug/l
RT: 5.003 min Scan# 522
Delta R.T. 0.012 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

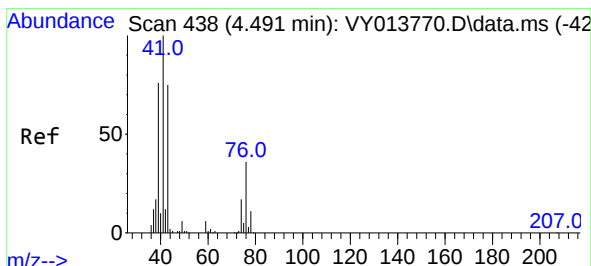
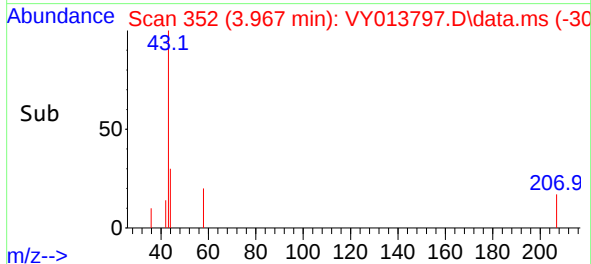
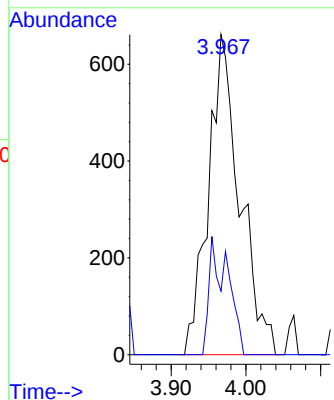
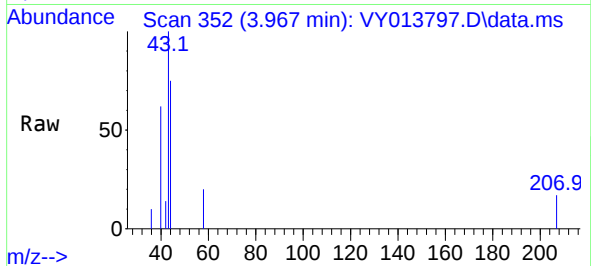




#16
Acetone
Concen: 3.341 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

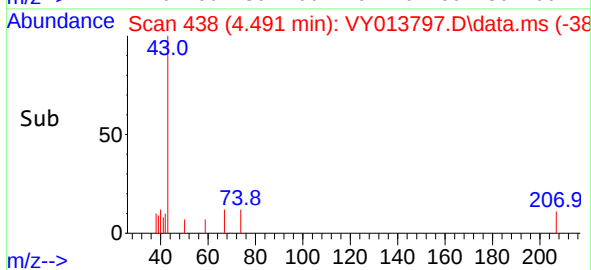
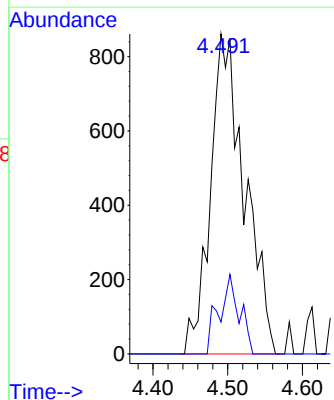
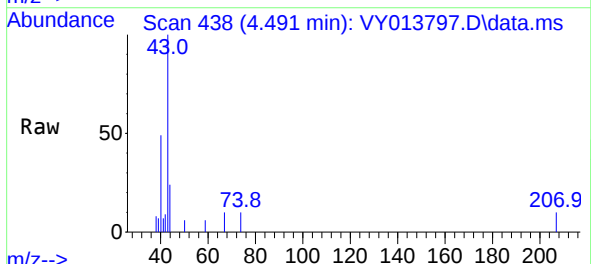
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

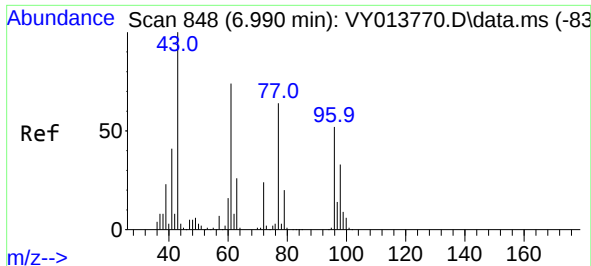
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
58 19.8 23.7 35.5#



#18
Methyl Acetate
Concen: 1.361 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
74 14.8 16.6 25.0#

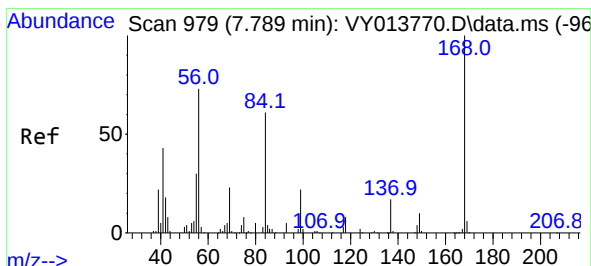
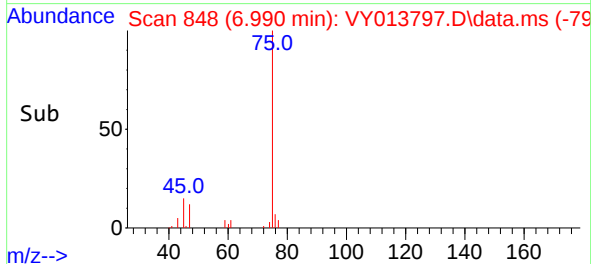
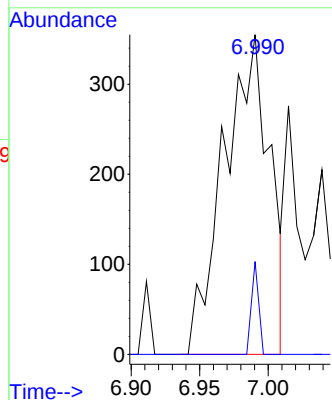
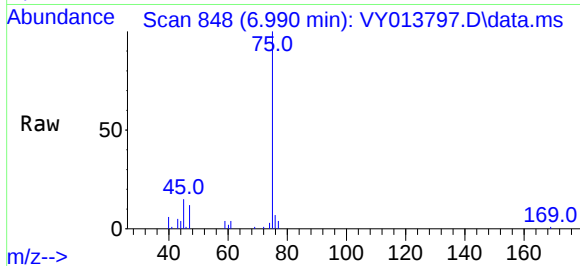




#25
2-Butanone
Concen: 1.093 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

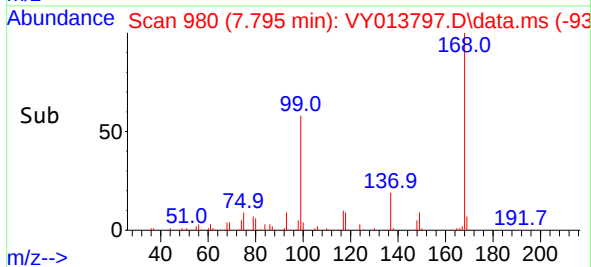
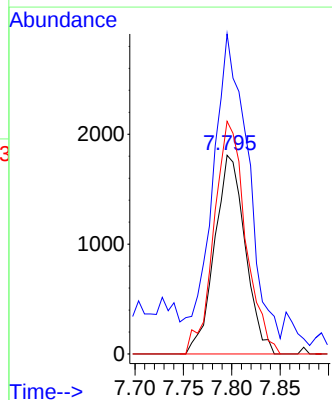
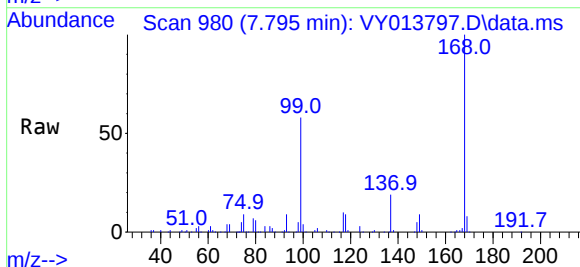
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

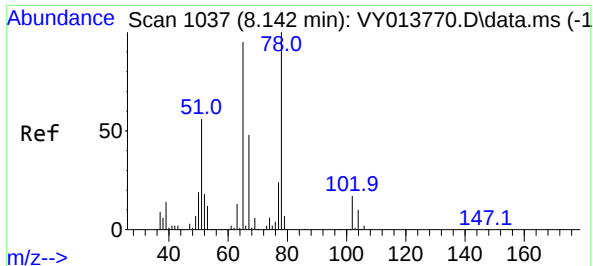
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
72 29.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion: 56 Resp: 3988
Ion Ratio Lower Upper
56 100
69 153.2 25.8 38.6#
84 117.1 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: 58.483 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013797.D

Acq: 18 May 2023 13:29

Instrument :

MSVOA_Y

ClientSampleId :

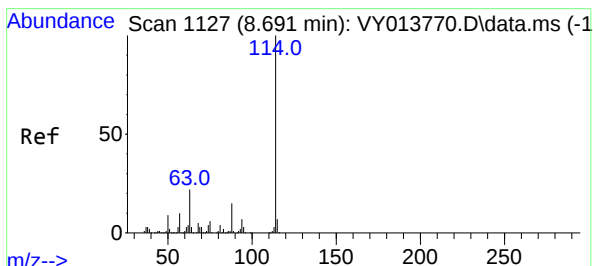
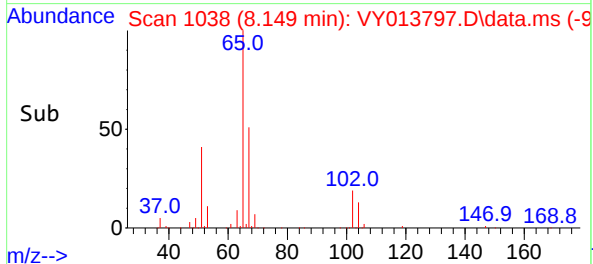
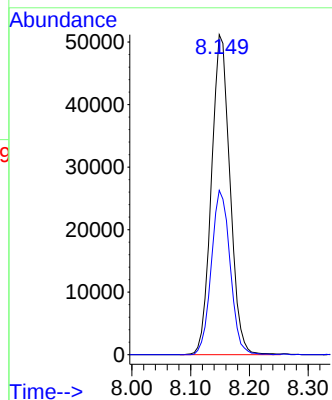
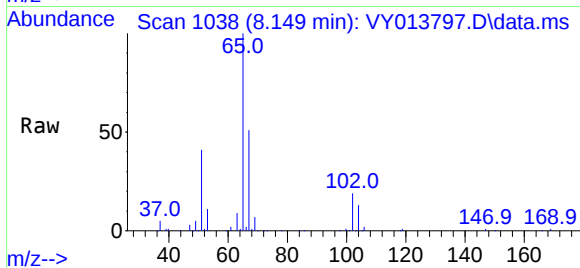
SB-2

Tgt Ion: 65 Resp: 112254

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013797.D

Acq: 18 May 2023 13:29

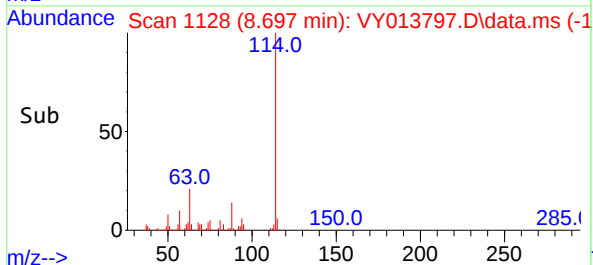
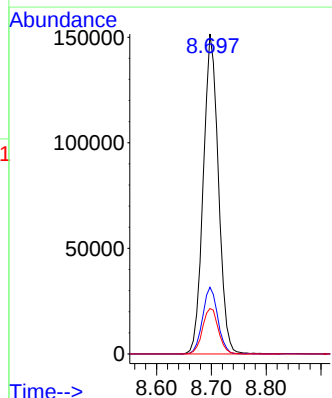
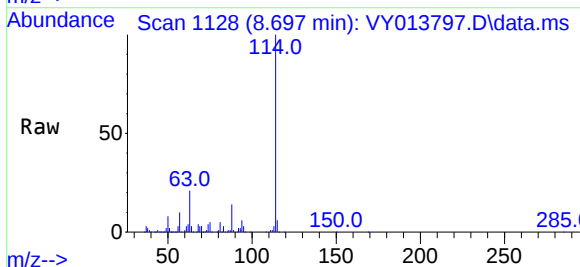
Tgt Ion: 114 Resp: 289978

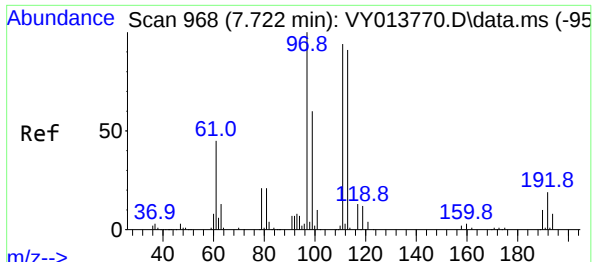
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 14.2 0.0 30.8

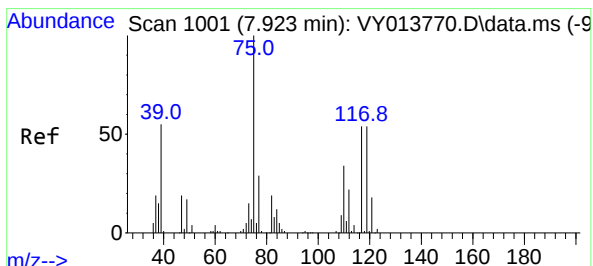
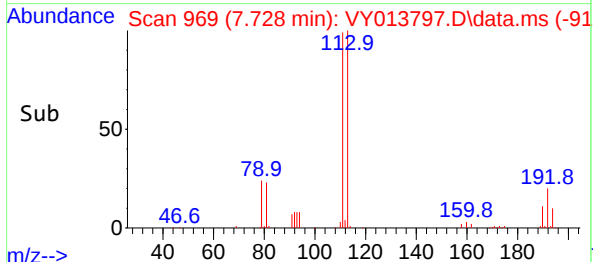
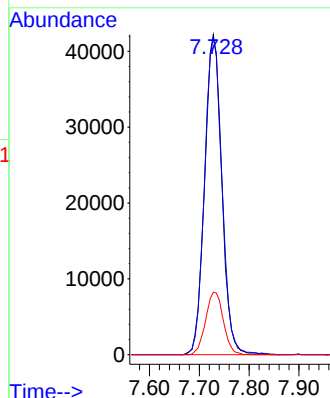
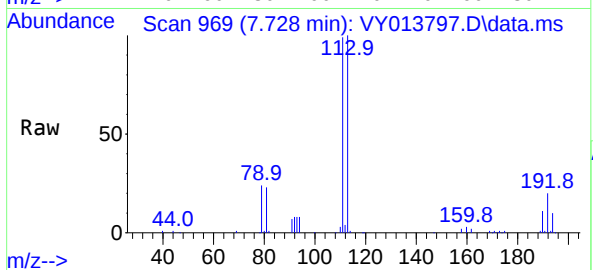




#35
Dibromofluoromethane
Concen: 54.334 ug/l
RT: 7.728 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

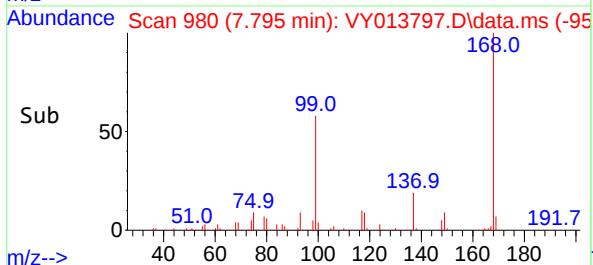
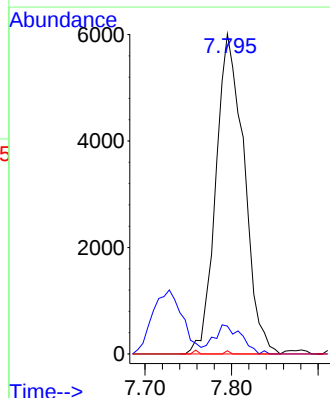
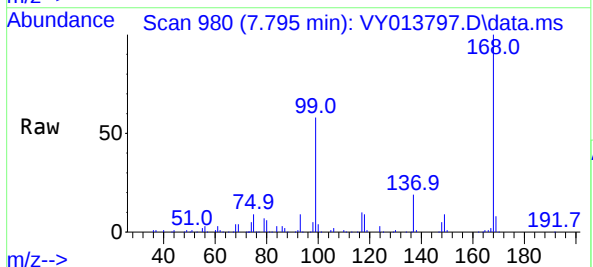
Instrument :
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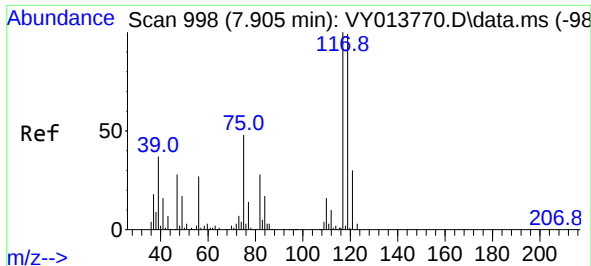
Tgt Ion:113 Resp: 101034
Ion Ratio Lower Upper
113 100
111 100.4 82.3 123.5
192 20.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.284 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

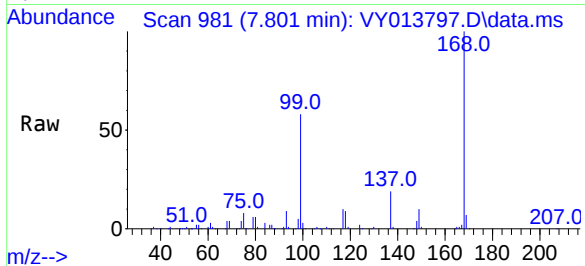
Tgt Ion: 75 Resp: 13577
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.7#
77 0.2 24.6 36.8#



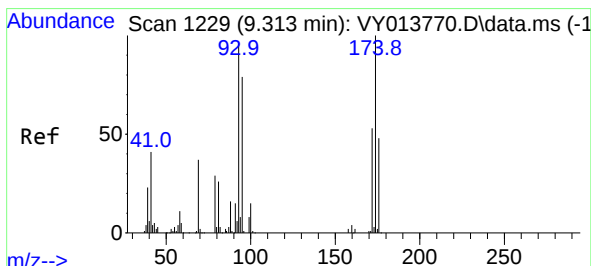
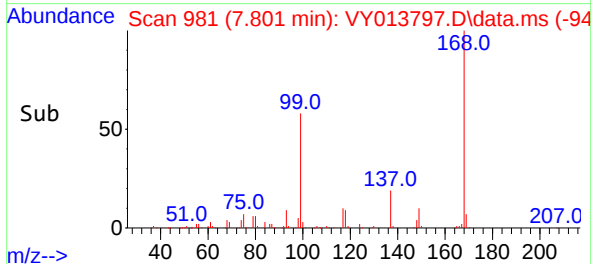
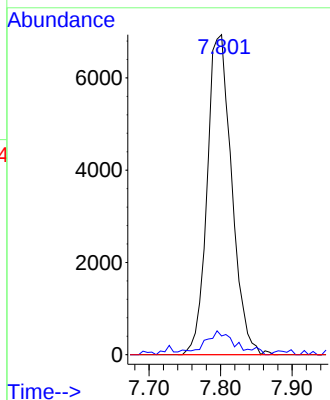


#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :
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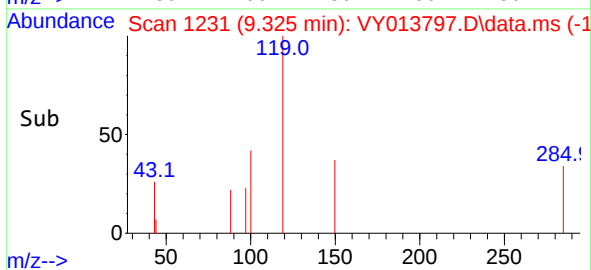
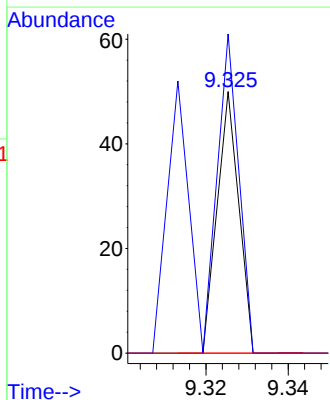
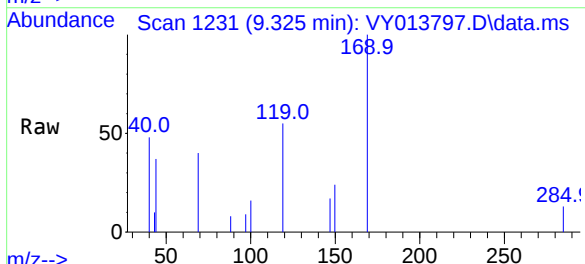


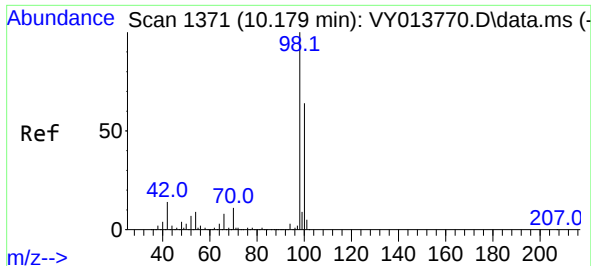
Tgt Ion:117 Resp: 16540
Ion Ratio Lower Upper
117 100
119 5.0 79.0 118.6#
121 0.0 24.1 36.1#



#49
1,4-Dioxane
Concen: 1.276 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 105.6 26.1 39.1#
58 0.0 62.2 93.2#

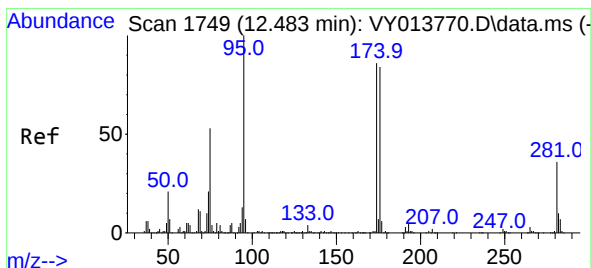
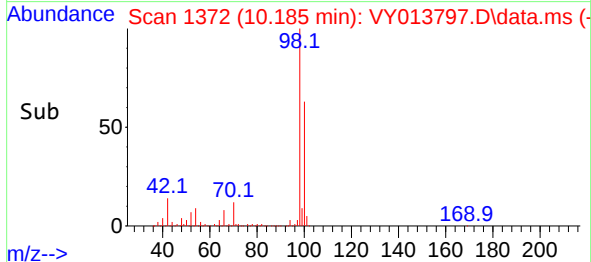
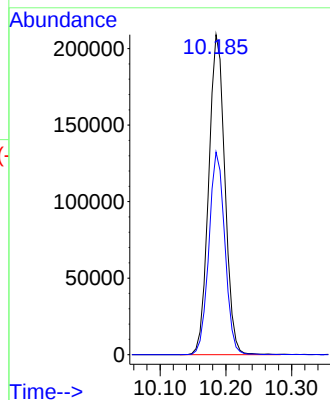
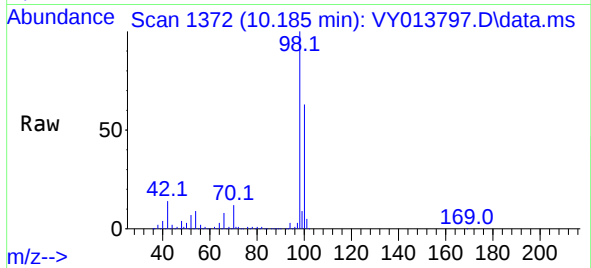




#50
Toluene-d8
Concen: 50.854 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

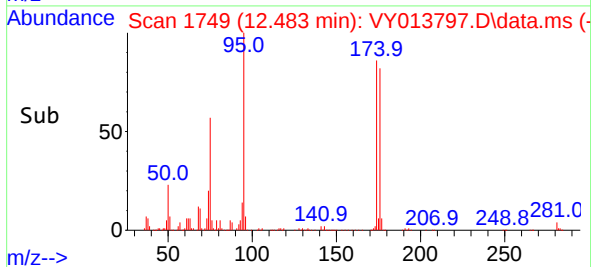
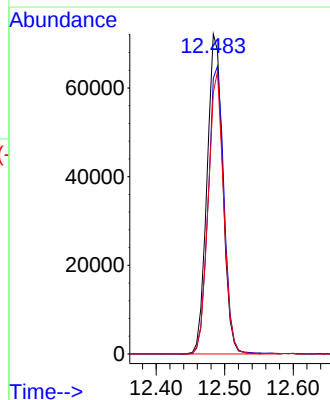
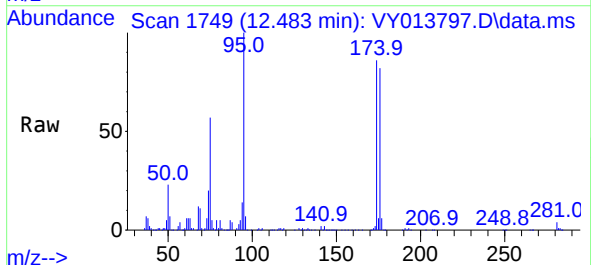
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

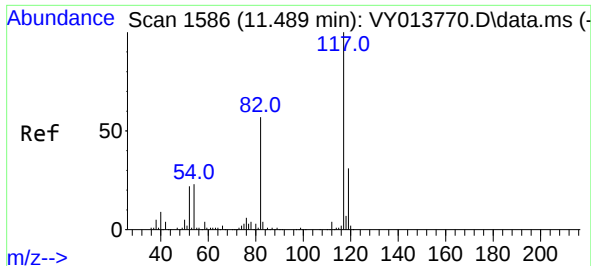
Tgt Ion: 98 Resp: 358502
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 49.331 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion: 95 Resp: 115513
Ion Ratio Lower Upper
95 100
174 90.2 0.0 168.8
176 86.0 0.0 165.2

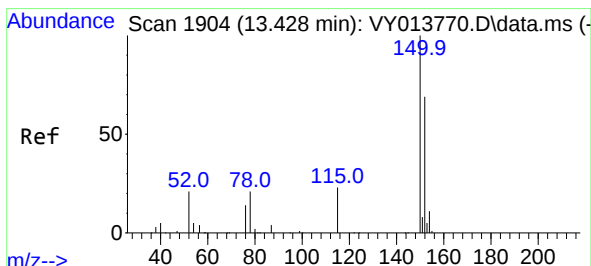
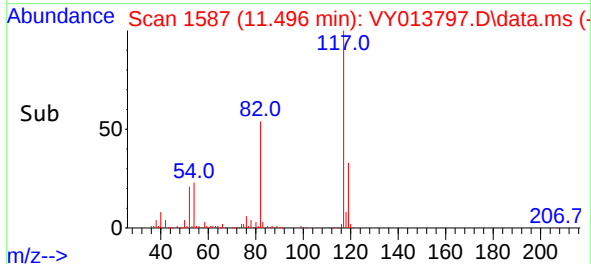
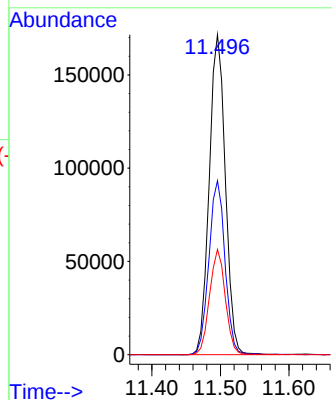
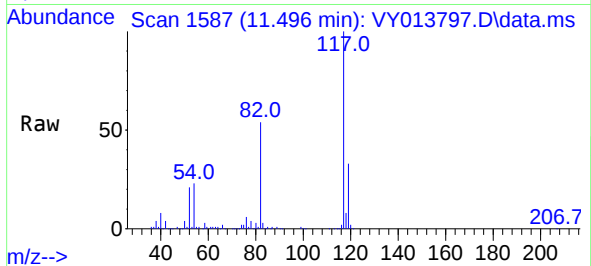




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

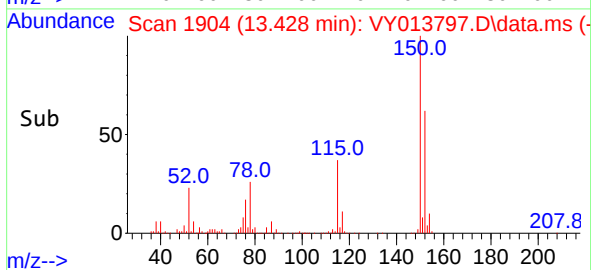
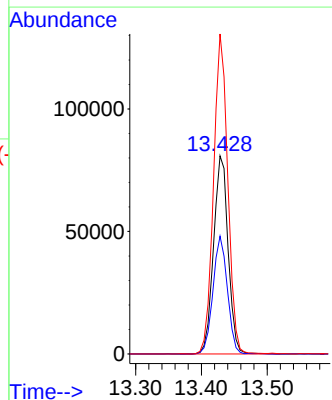
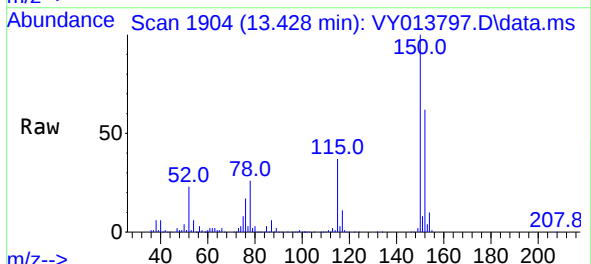
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

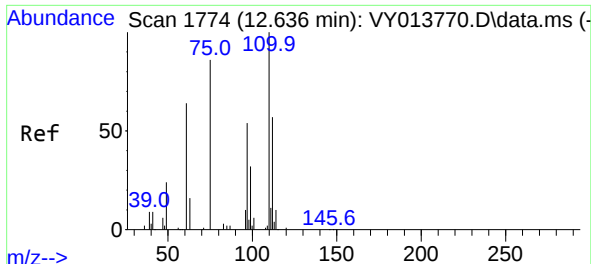
Tgt Ion:117 Resp: 280885
Ion Ratio Lower Upper
117 100
82 54.3 45.5 68.3
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion:152 Resp: 124674
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 157.6 0.0 347.0

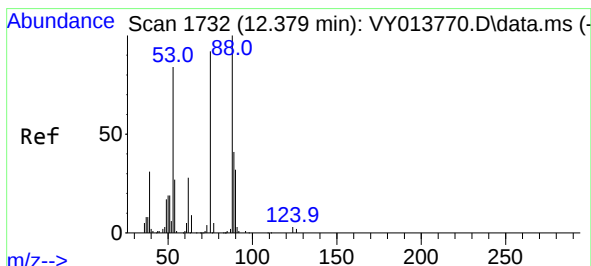
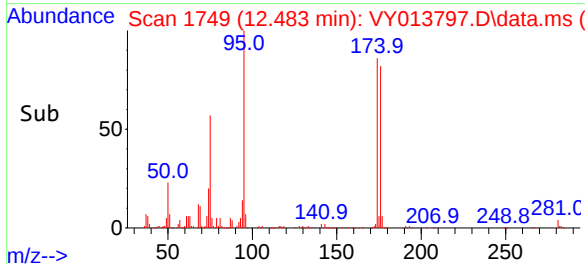
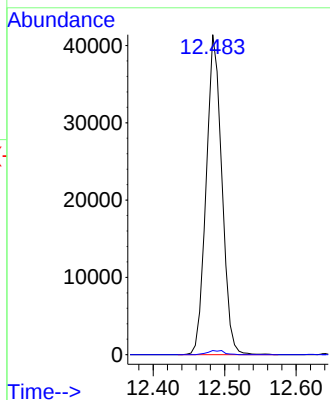
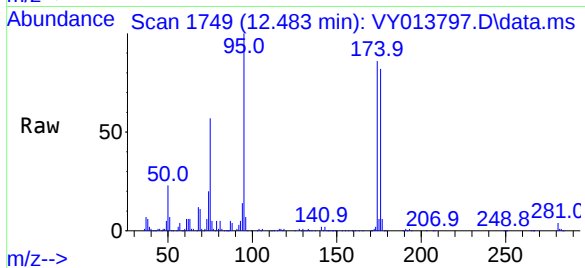




#76
1,2,3-Trichloropropane
Concen: 41.784 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion: 75 Resp: 63047
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013797.D
Acq: 18 May 2023 13:29

Tgt Ion: 75 Resp: 63047
Ion Ratio Lower Upper
75 100
53 0.3 75.3 112.9#
89 0.0 35.4 53.2#

