

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013792.D
 Acq On : 18 May 2023 11:32
 Operator : KP/MD
 Sample : VY0518SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL01

Quant Time: May 19 03:20:23 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)

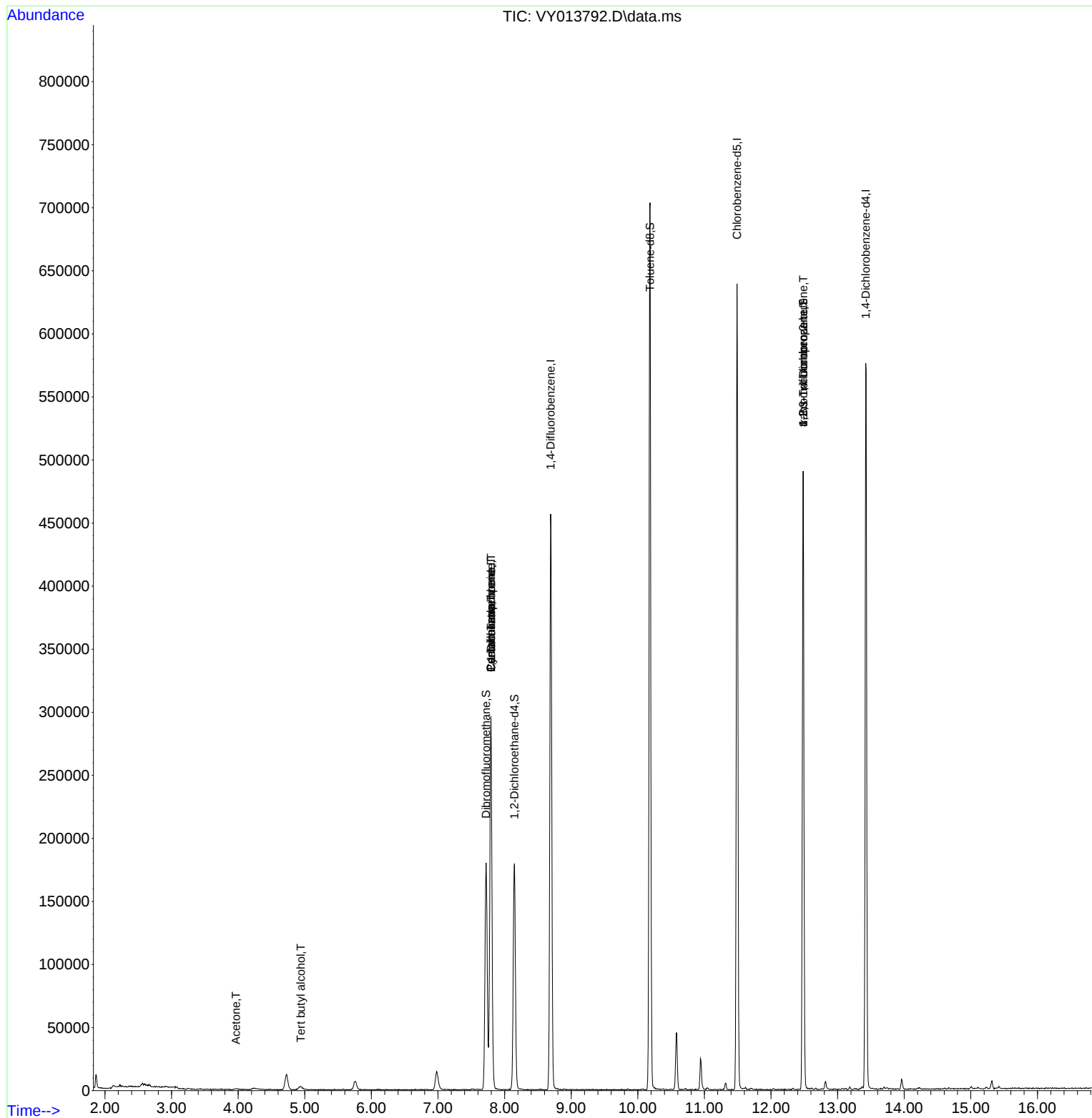
Internal Standards						
1) Pentafluorobenzene	7.795	168	226424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144649	54.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.980%	
35) Dibromofluoromethane	7.722	113	124862	51.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.185	98	452486	49.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	12.483	95	137532	45.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	3063	14.375	ug/l #	73
16) Acetone	3.967	43	988	1.245	ug/l	89
20) Methylene Chloride	4.723	84	8164	Below Cal		88
31) Cyclohexane	7.795	56	5694	1.510	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	18463	5.534	ug/l #	50
38) Carbon Tetrachloride	7.795	117	22030	6.260	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	74505	41.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74505	93.375	ug/l #	12

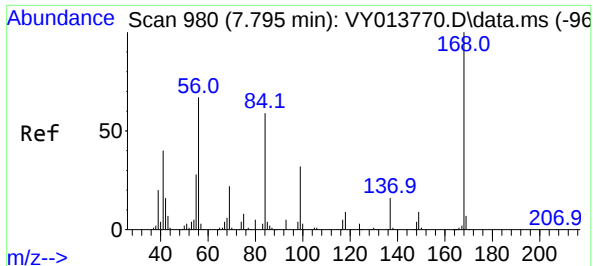
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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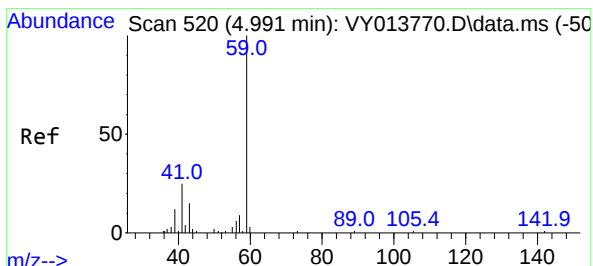
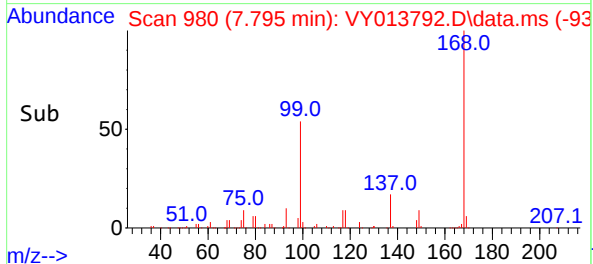
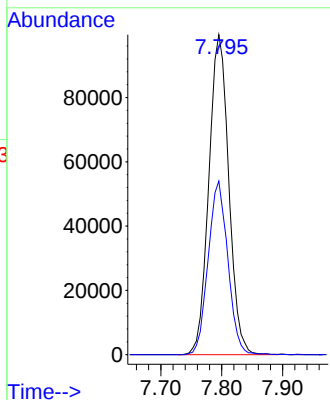
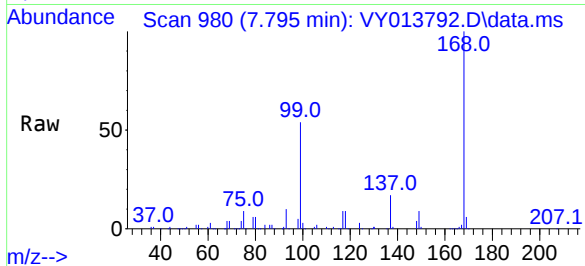




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

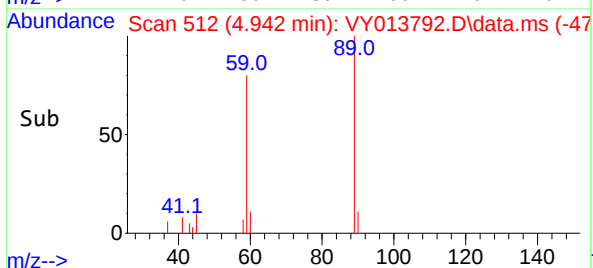
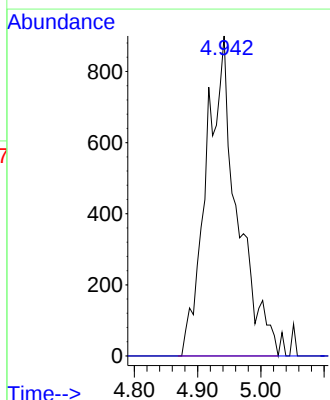
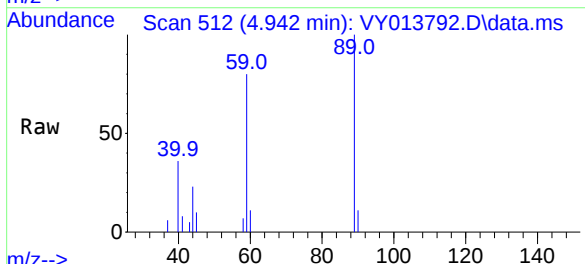
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

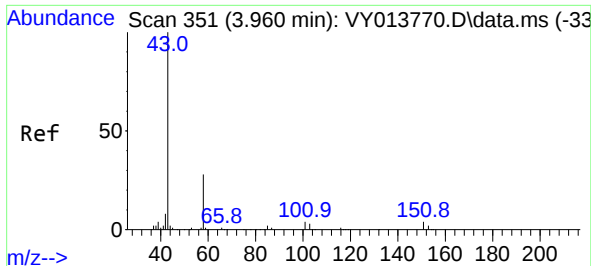
Tgt Ion:168 Resp: 226424
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#11
Tert butyl alcohol
Concen: 14.375 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.049 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion: 59 Resp: 3063
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

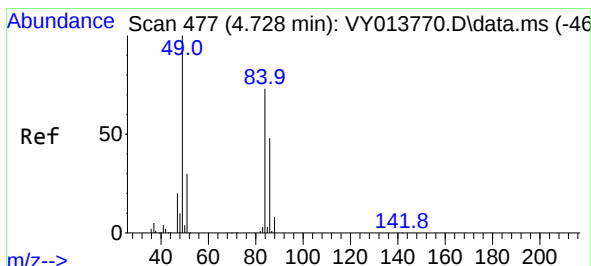
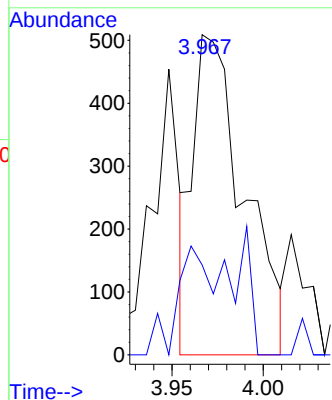
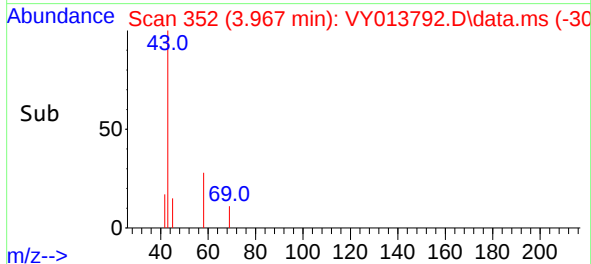
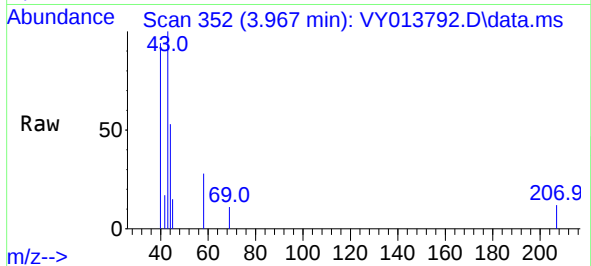




#16
Acetone
Concen: 1.245 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

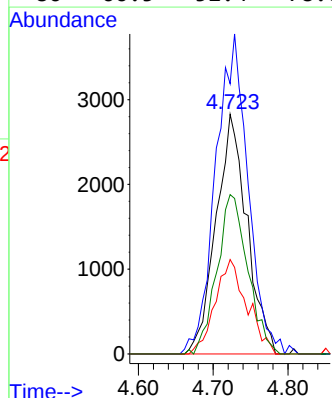
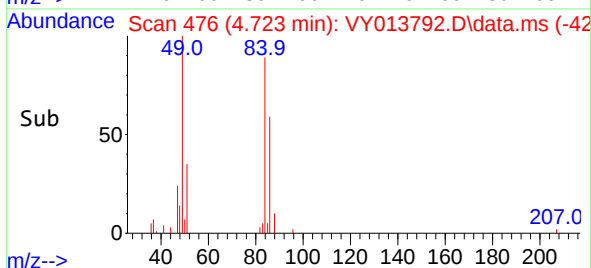
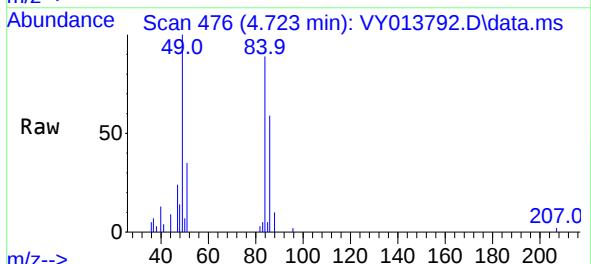
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

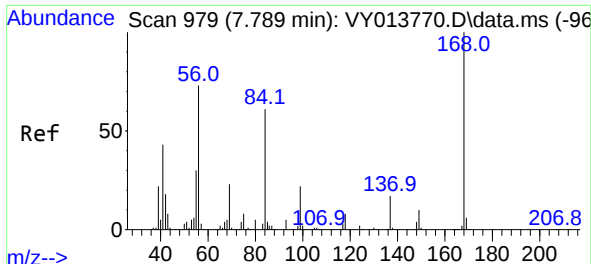
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 35.4 23.7 35.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion: 84 Resp: 8164
Ion Ratio Lower Upper
84 100
49 112.8 109.4 164.0
51 39.4 32.8 49.2
86 66.5 52.4 78.6

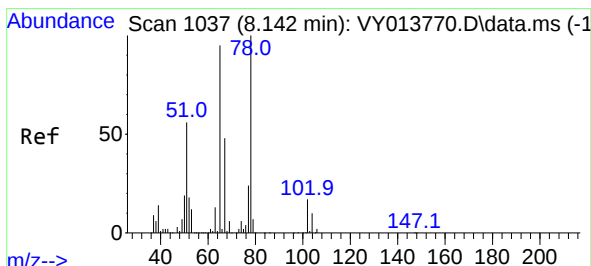
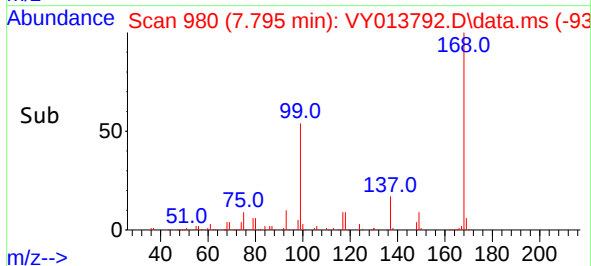
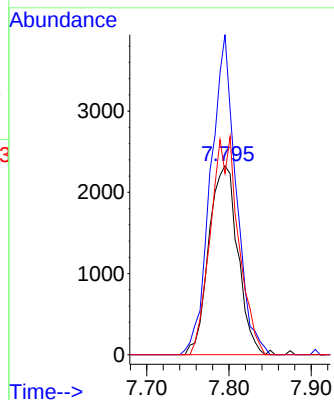
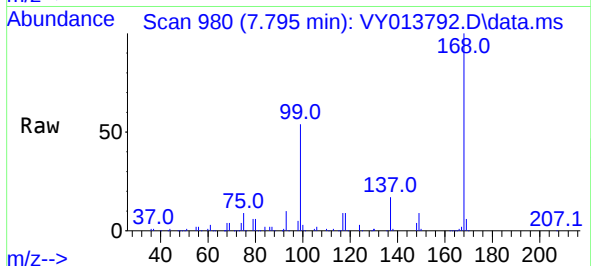




#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

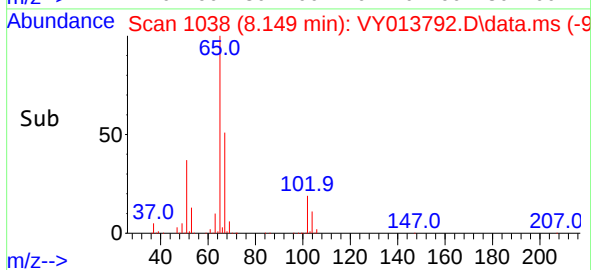
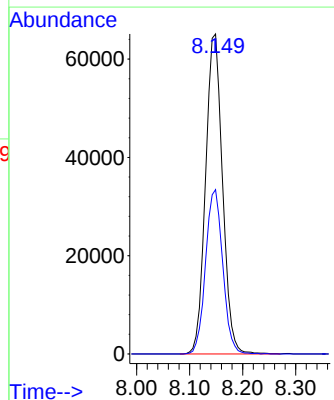
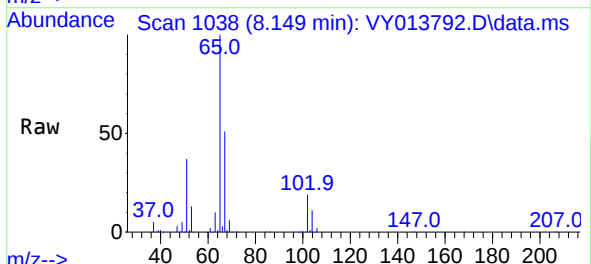
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

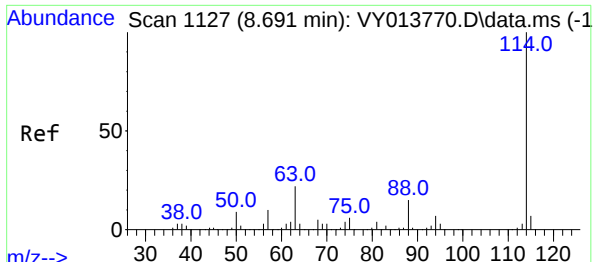
Tgt Ion: 56 Resp: 5694
Ion Ratio Lower Upper
56 100
69 169.3 25.8 38.6#
84 95.9 65.8 98.6



#33
1,2-Dichloroethane-d4
Concen: 54.994 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion: 65 Resp: 144649
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6

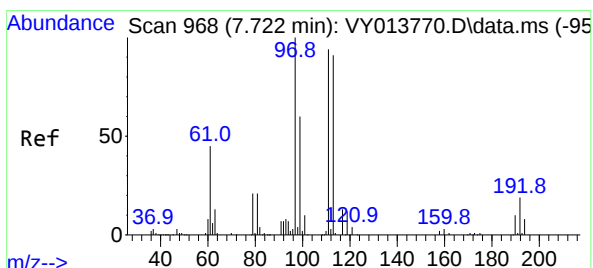
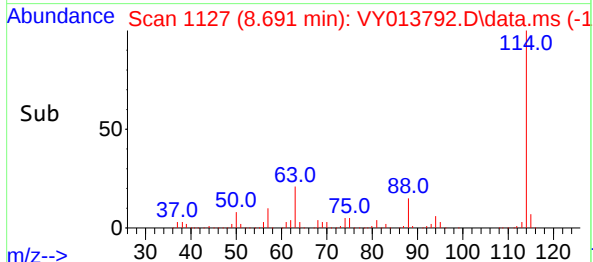
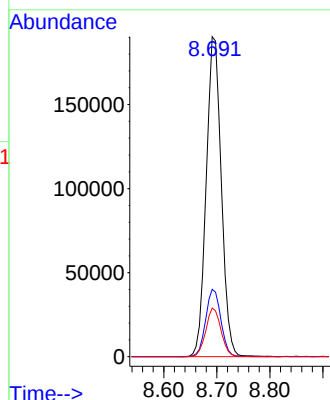
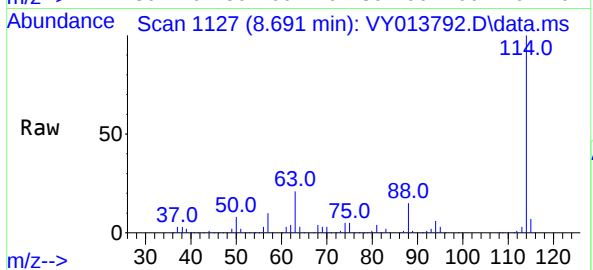




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

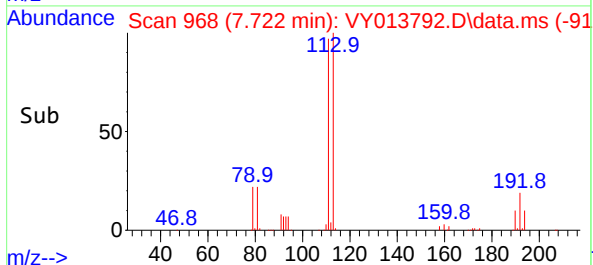
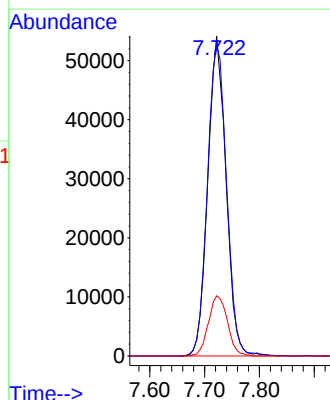
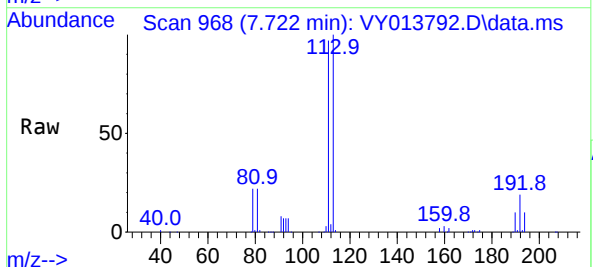
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

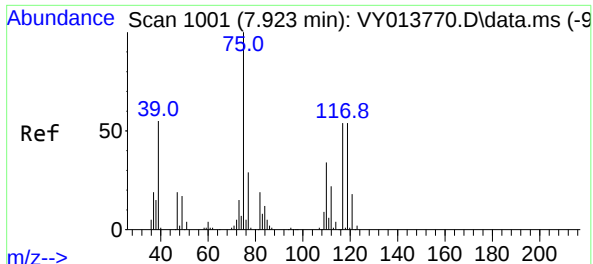
Tgt Ion:114 Resp: 376515
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.8
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.715 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion:113 Resp: 124862
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 19.6 16.0 24.0

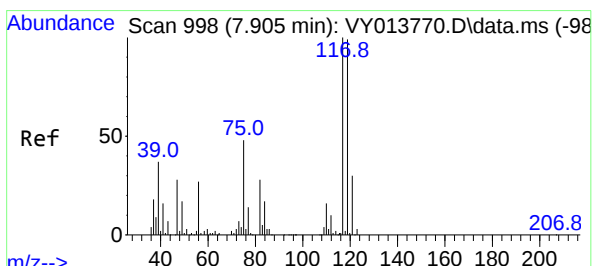
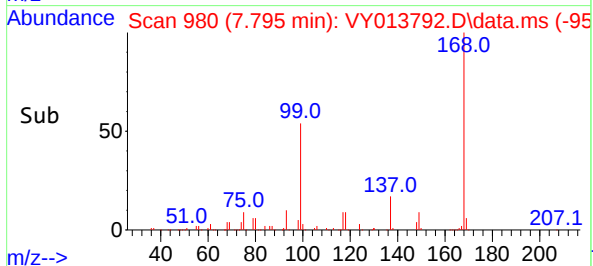
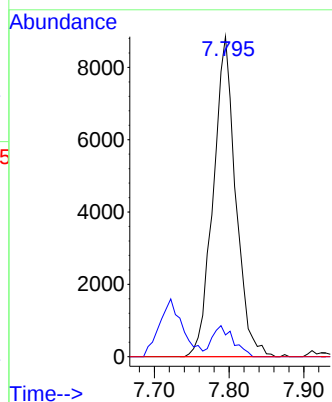
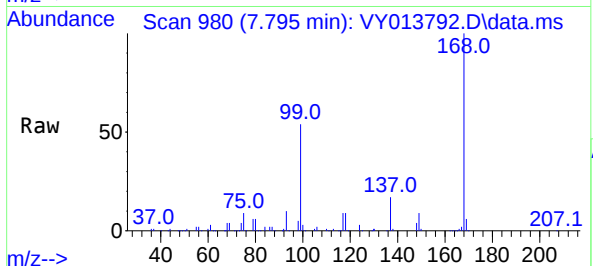




#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

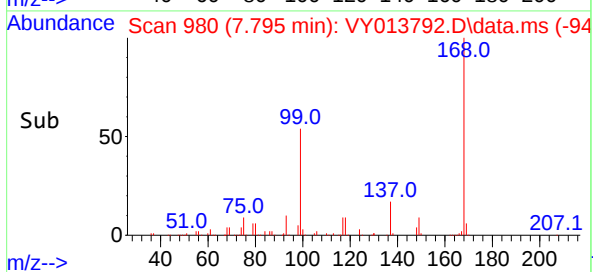
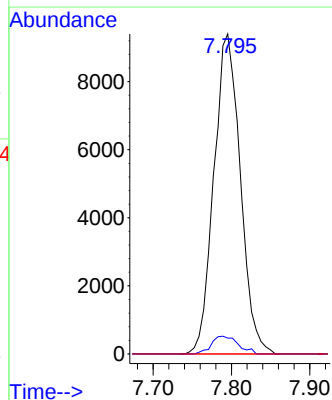
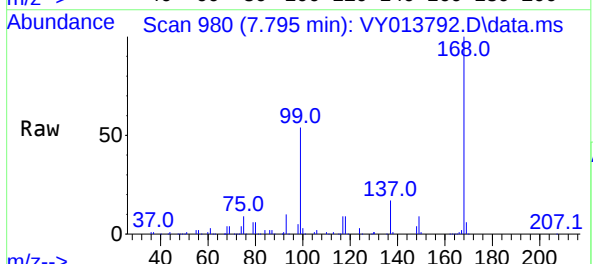
Instrument :
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ClientSampleId :
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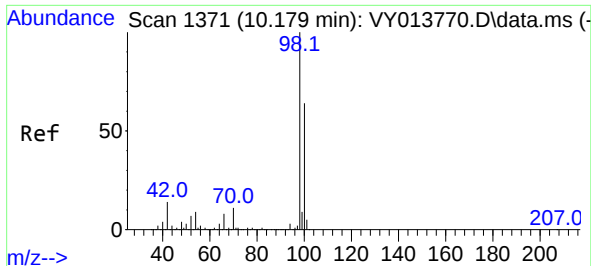
Tgt Ion:	75	Resp:	18463
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.7#
77	0.0	24.6	36.8#



#38
Carbon Tetrachloride
Concen: 6.260 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion:	117	Resp:	22030
Ion	Ratio	Lower	Upper
117	100		
119	4.9	79.0	118.6#
121	0.0	24.1	36.1#

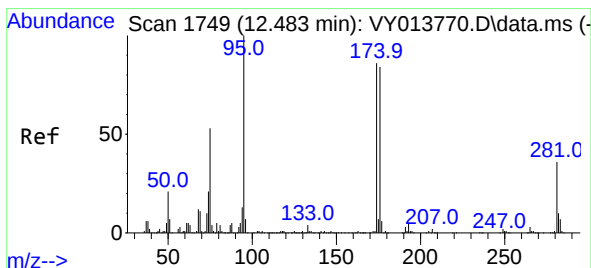
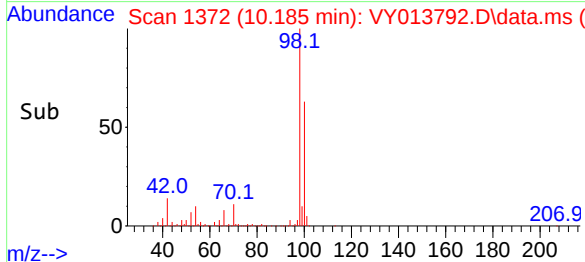
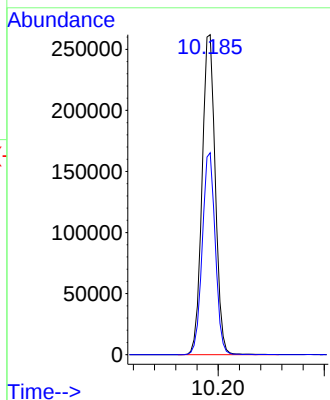
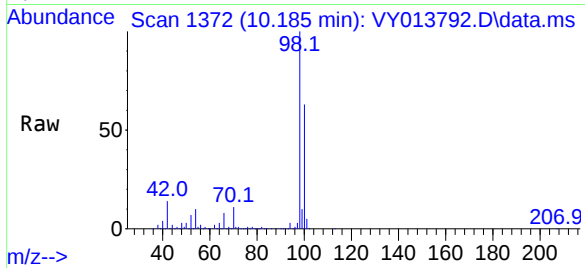




#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

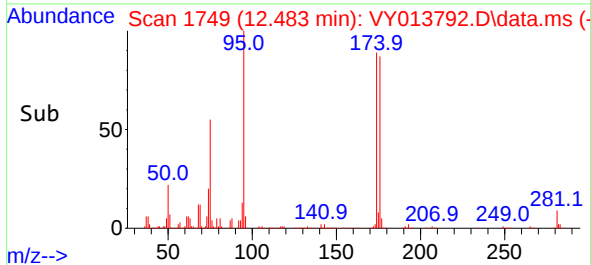
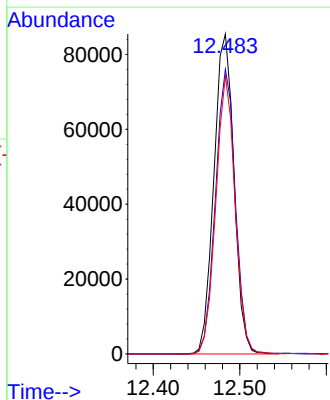
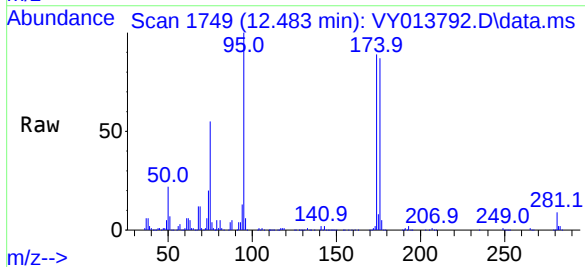
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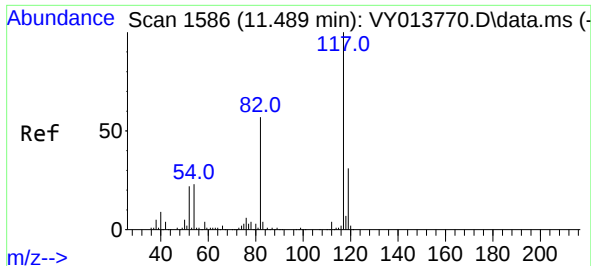
Tgt Ion: 98 Resp: 452486
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion: 95 Resp: 137532
Ion Ratio Lower Upper
95 100
174 88.3 0.0 168.8
176 83.4 0.0 165.2

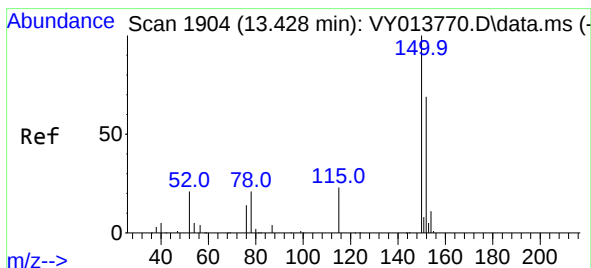
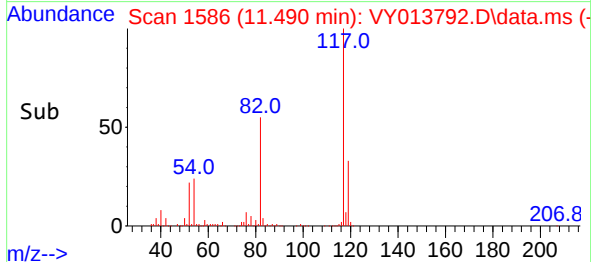
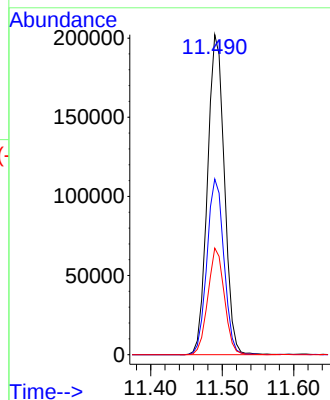
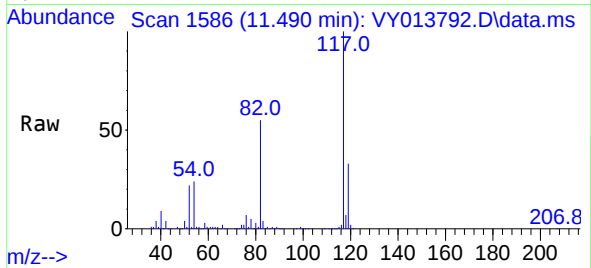




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

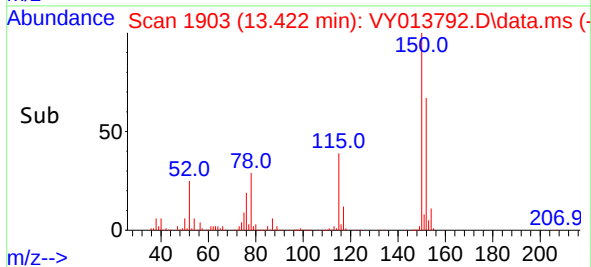
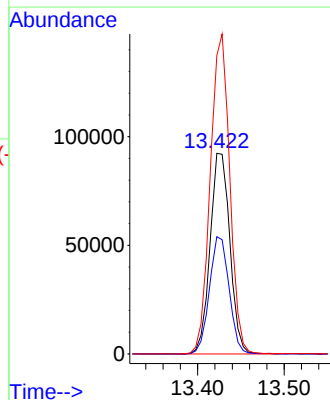
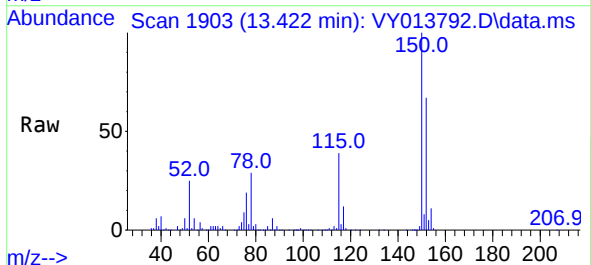
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

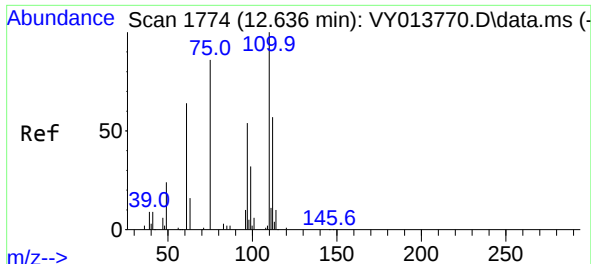
Tgt Ion:117 Resp: 331707
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 33.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion:152 Resp: 146781
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 156.8 0.0 347.0

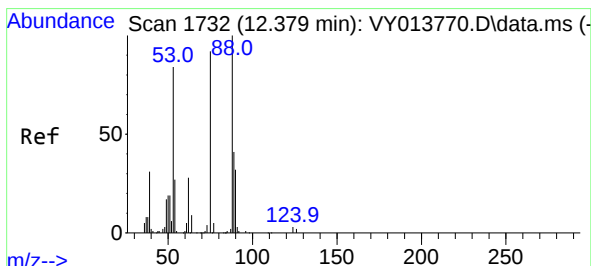
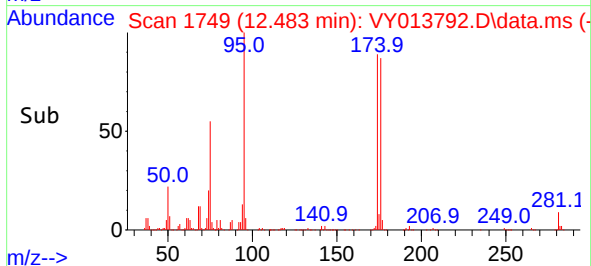
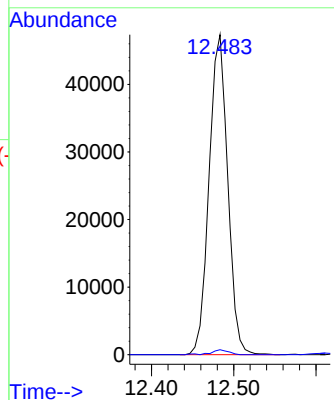
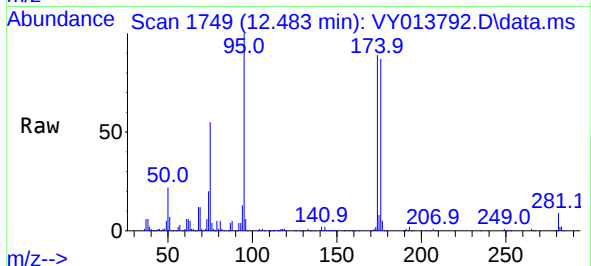




#76
1,2,3-Trichloropropane
Concen: 41.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

Tgt Ion: 75 Resp: 74505
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.375 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013792.D
Acq: 18 May 2023 11:32

Tgt Ion: 75 Resp: 74505
Ion Ratio Lower Upper
75 100
53 0.3 75.3 112.9#
89 0.1 35.4 53.2#

