

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013882.D
 Acq On : 25 May 2023 18:44
 Operator : KP/MD
 Sample : 02920-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280608

Quant Time: May 26 04:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

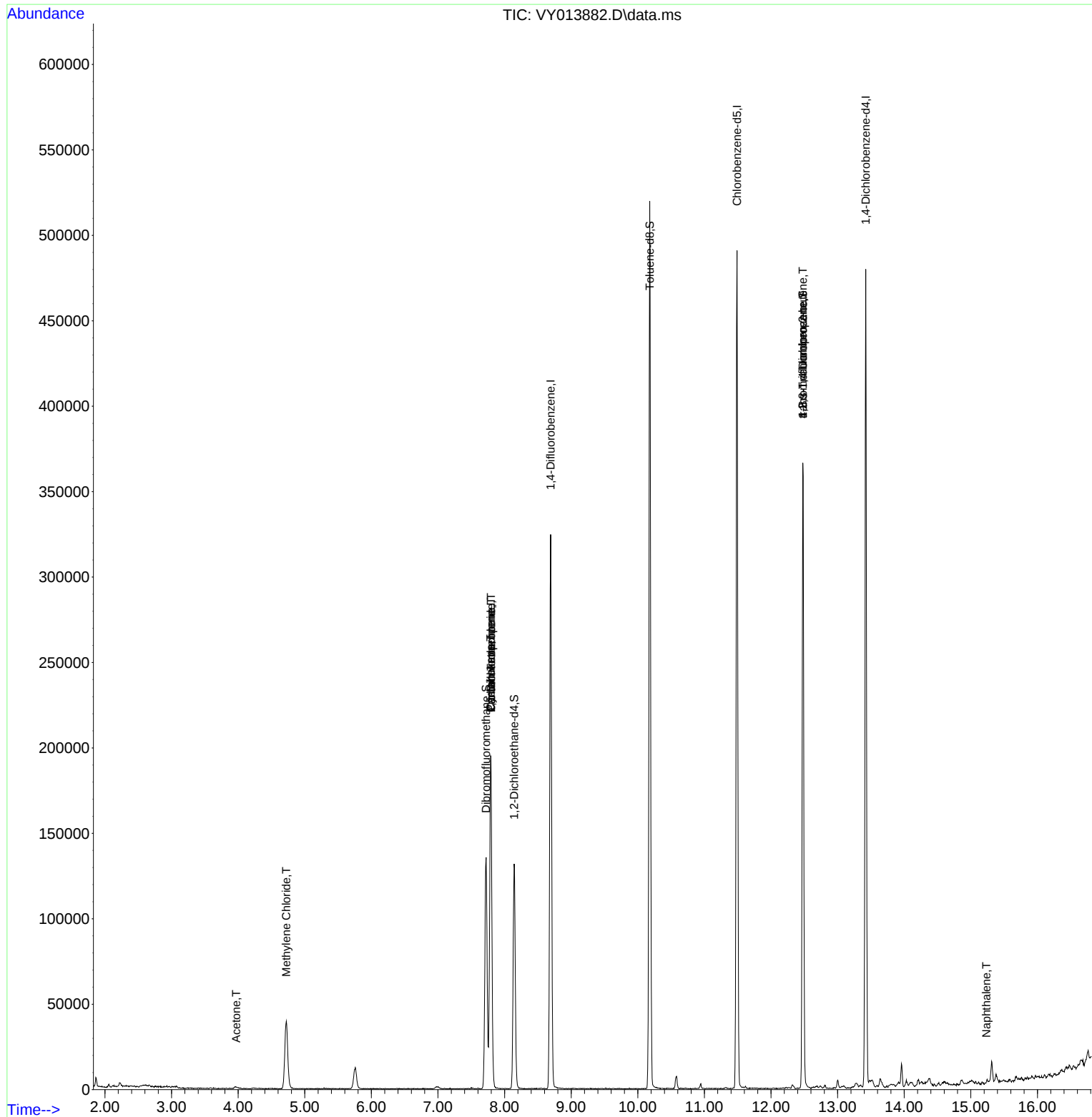
Internal Standards						
1) Pentafluorobenzene	7.795	168	153681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108987	61.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.600%	
35) Dibromofluoromethane	7.722	113	91010	53.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.460%	
50) Toluene-d8	10.179	98	325488	50.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.477	95	102139	47.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	2629	4.982	ug/l #	72
20) Methylene Chloride	4.722	84	28584	13.419	ug/l	98
31) Cyclohexane	7.789	56	3697	1.353	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	11415	4.383	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15020	5.071	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	56143	40.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56143	87.268	ug/l #	10
95) Naphthalene	15.233	128	311	4.605	ug/l #	68

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

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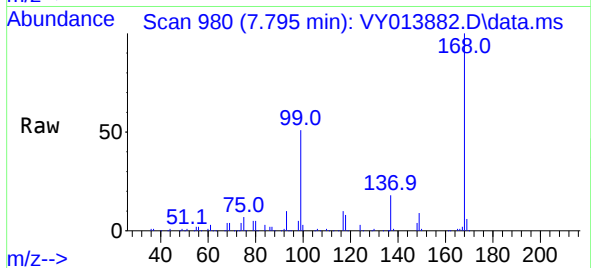
Quant Time: May 26 04:35:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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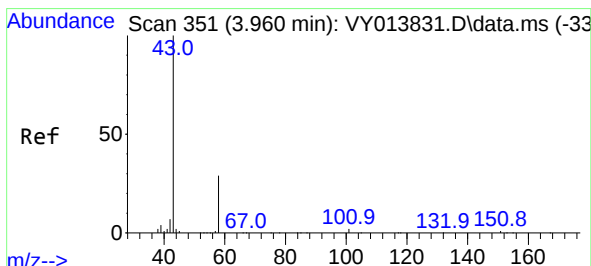
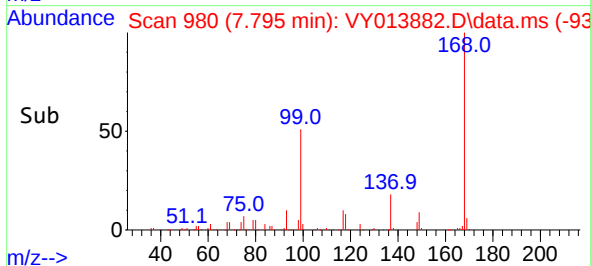
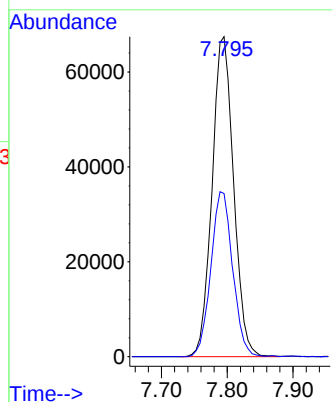


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :
280608

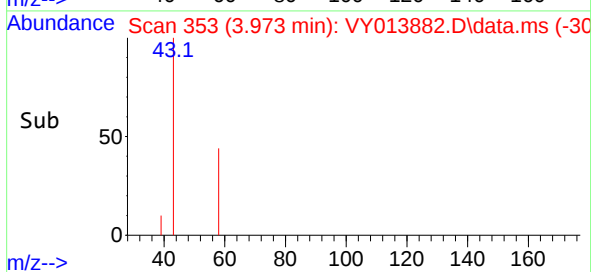
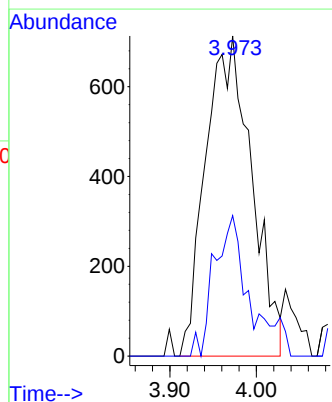
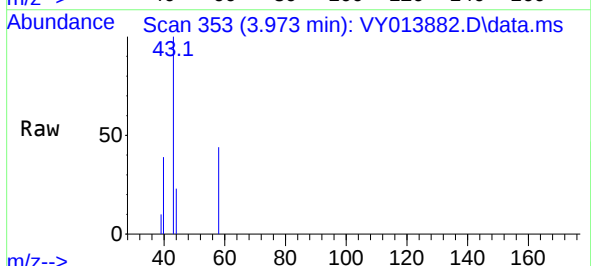


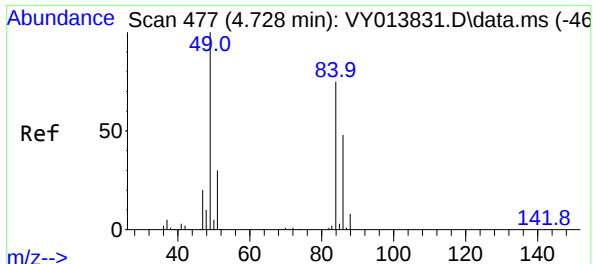
Tgt Ion:168 Resp: 153681
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.2



#16
Acetone
Concen: 4.982 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

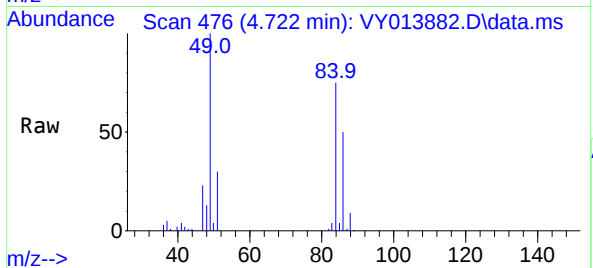
Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
58 43.9 23.3 34.9#





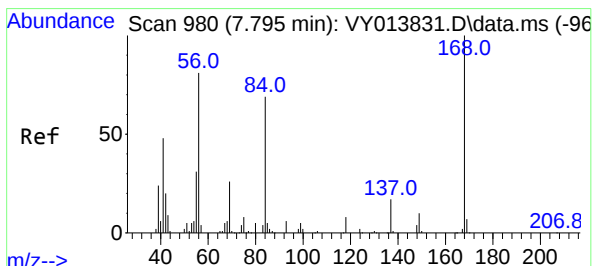
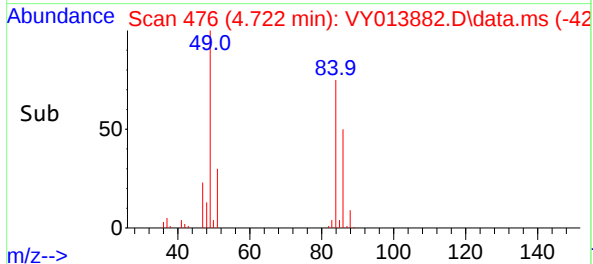
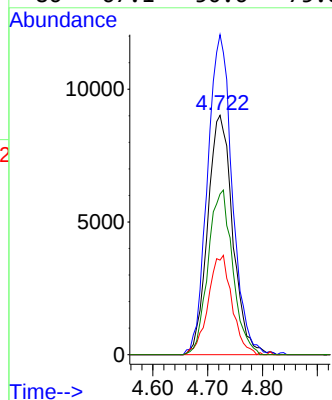
#20
Methylene Chloride
Concen: 13.419 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :
280608



Tgt Ion: 84 Resp: 28584

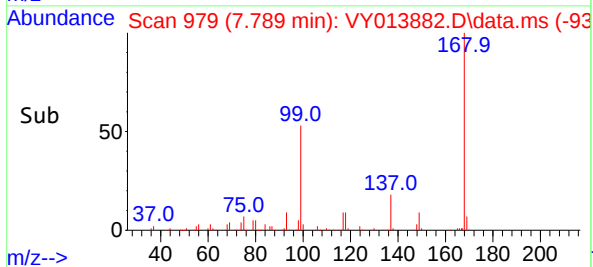
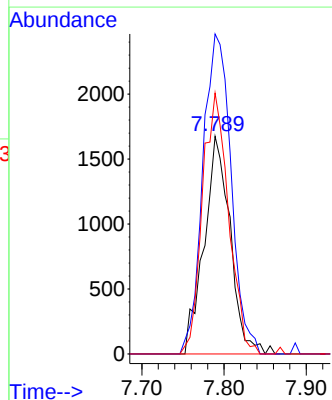
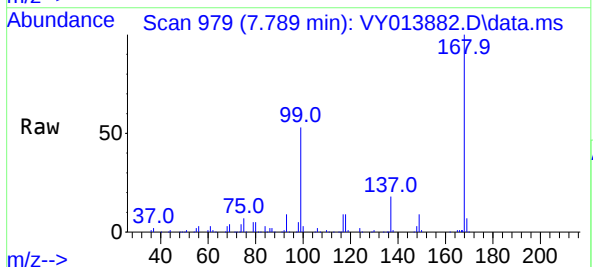
Ion	Ratio	Lower	Upper
84	100		
49	133.7	106.2	159.2
51	39.5	31.4	47.0
86	67.1	50.6	75.8

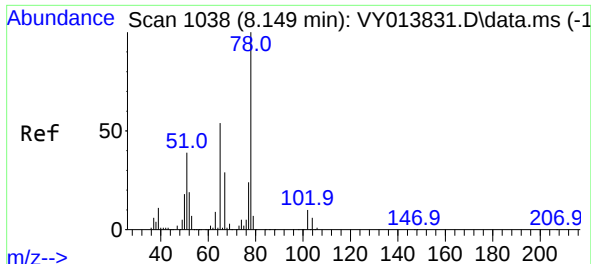


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 56 Resp: 3697

Ion	Ratio	Lower	Upper
56	100		
69	147.0	25.8	38.8#
84	128.1	68.2	102.2#





#33

1,2-Dichloroethane-d4

Concen: 61.300 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013882.D

Acq: 25 May 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

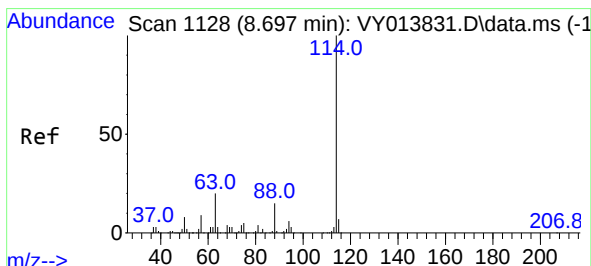
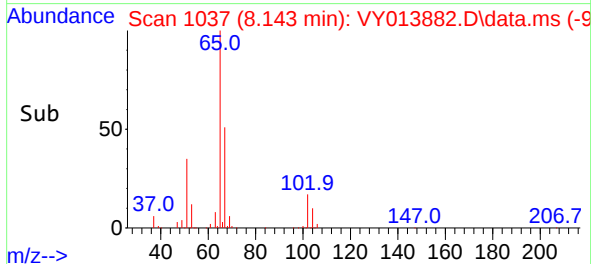
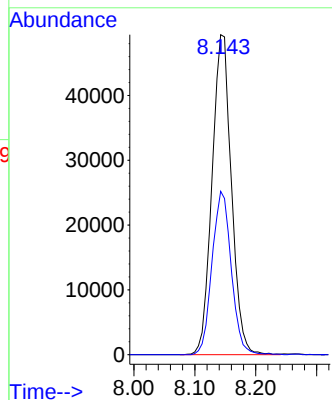
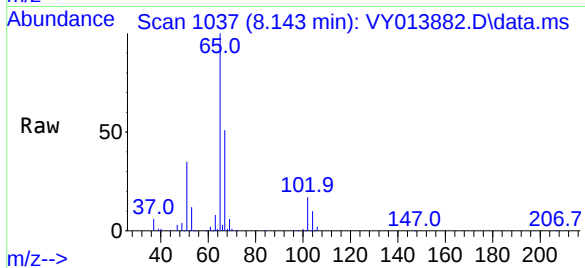
280608

Tgt Ion: 65 Resp: 108987

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013882.D

Acq: 25 May 2023 18:44

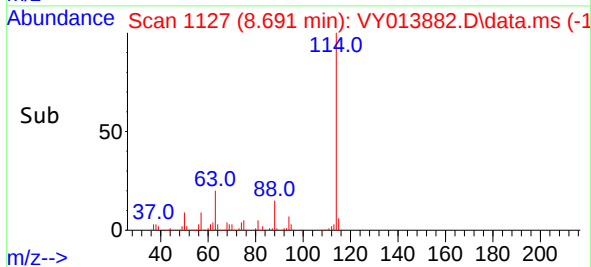
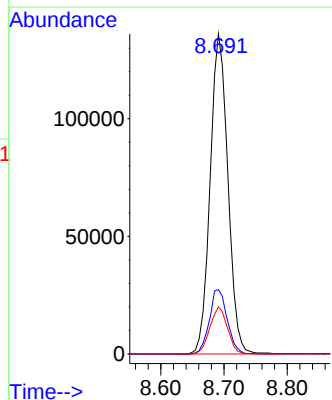
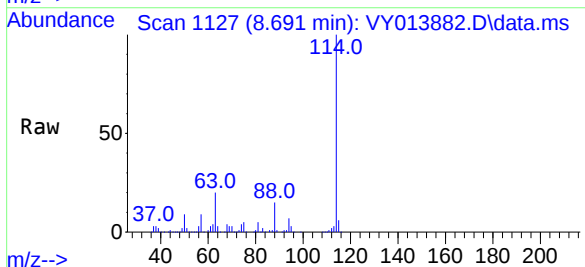
Tgt Ion: 114 Resp: 264770

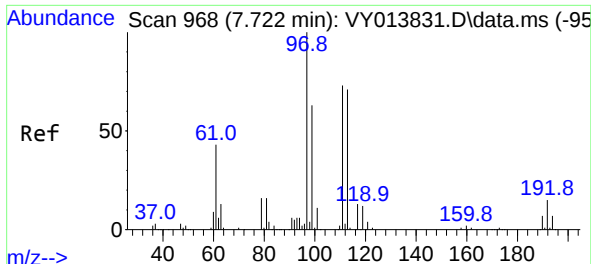
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.7 0.0 30.0

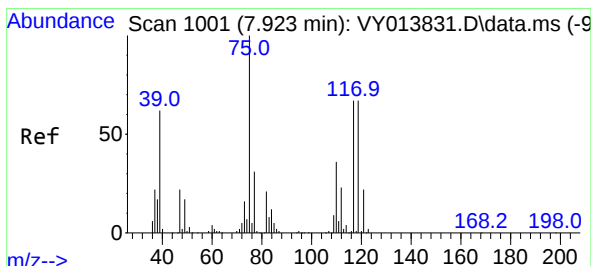
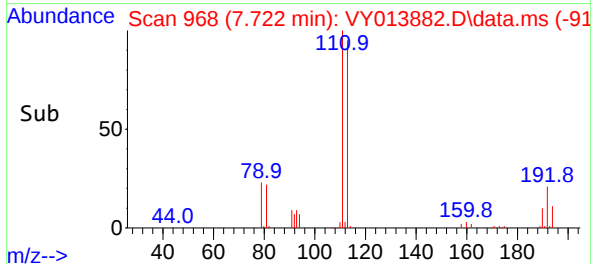
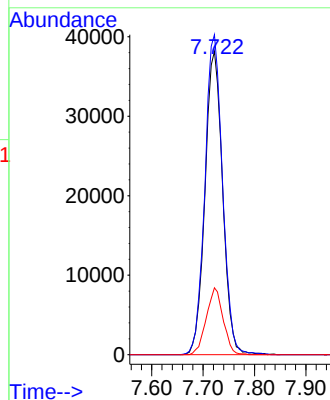
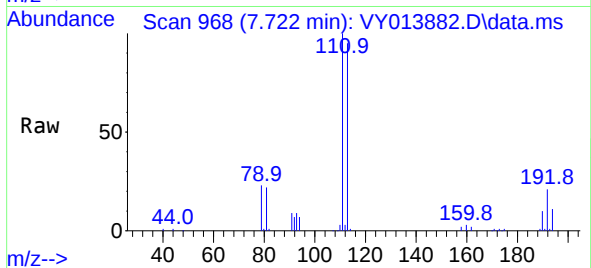




#35
Dibromofluoromethane
Concen: 53.225 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

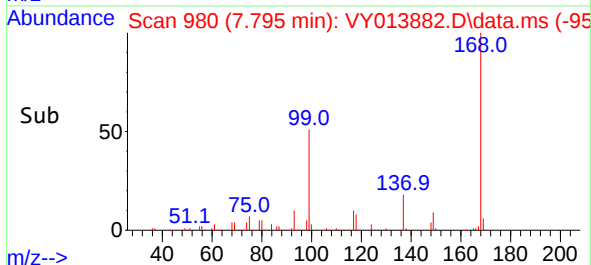
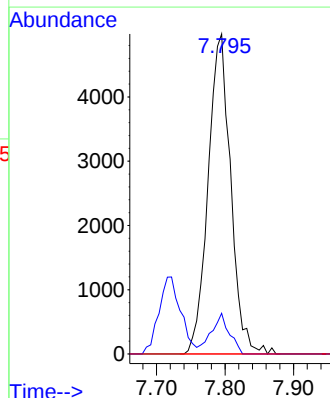
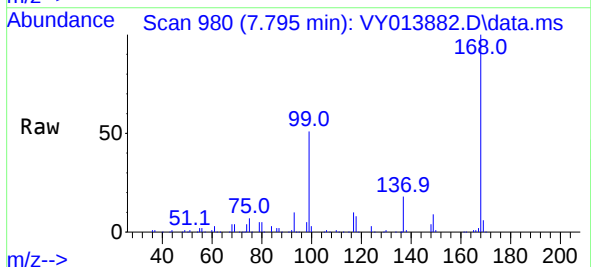
Instrument :
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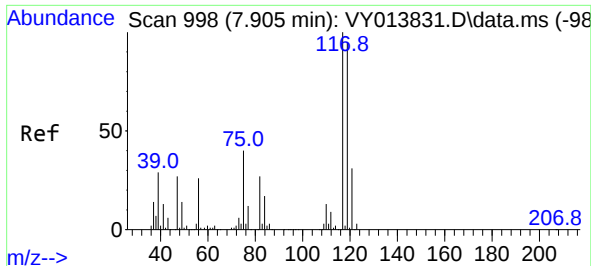
Tgt Ion:113 Resp: 91010
Ion Ratio Lower Upper
113 100
111 105.4 80.4 120.6
192 21.0 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.383 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

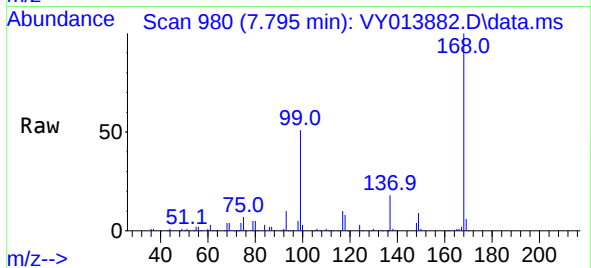
Tgt Ion: 75 Resp: 11415
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.6#
77 0.0 24.4 36.6#



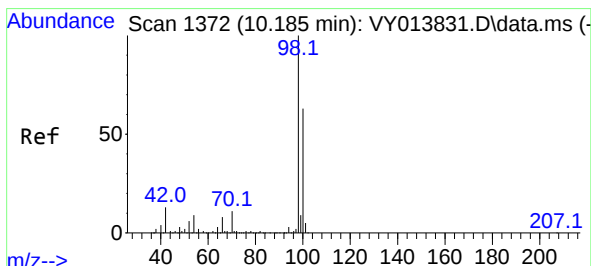
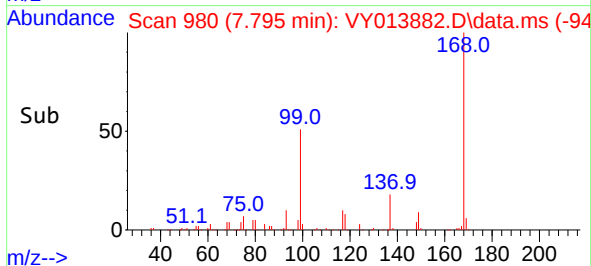
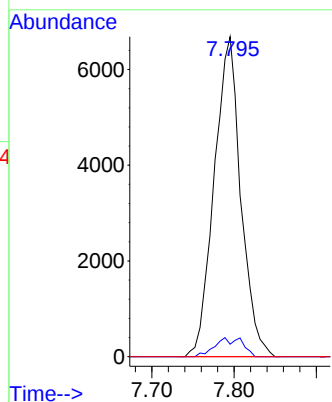


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :
280608

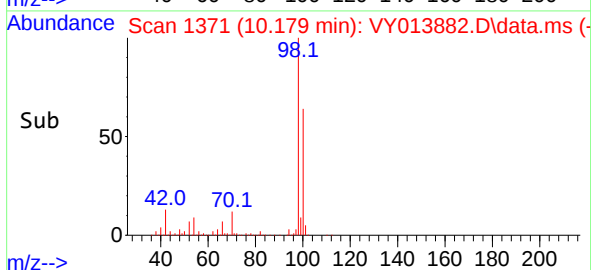
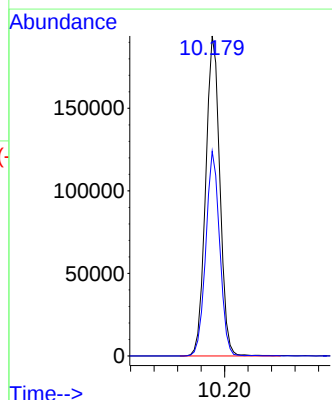
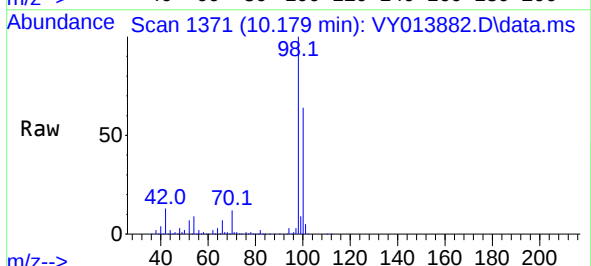


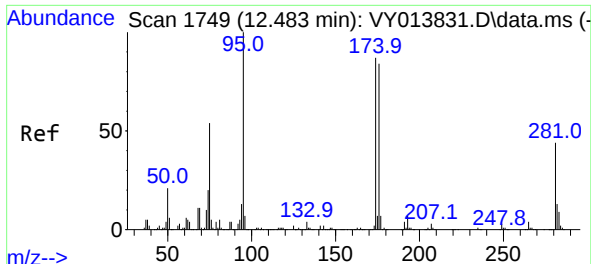
Tgt Ion:117 Resp: 15020
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.084 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 98 Resp: 325488
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

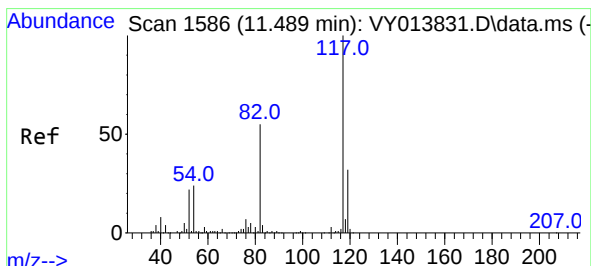
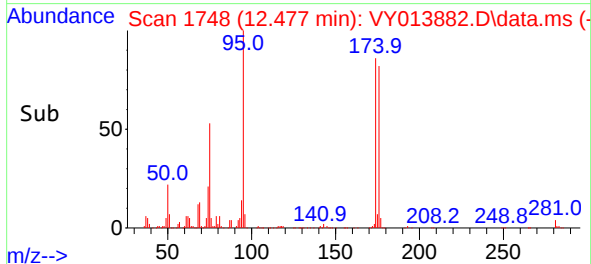
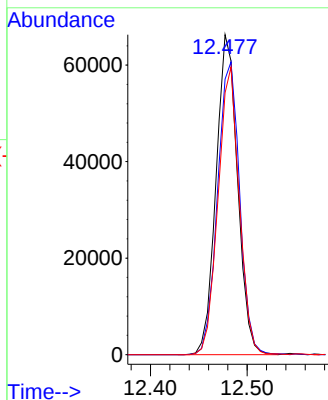
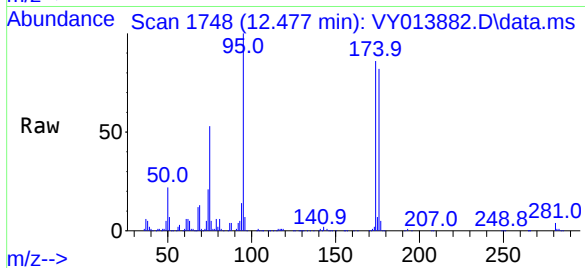




#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

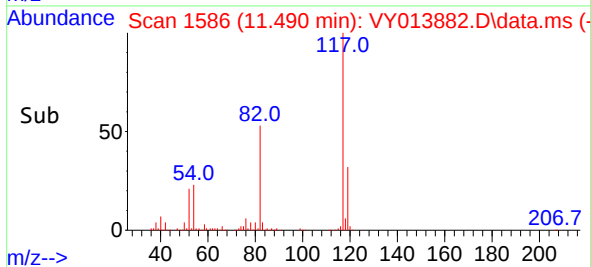
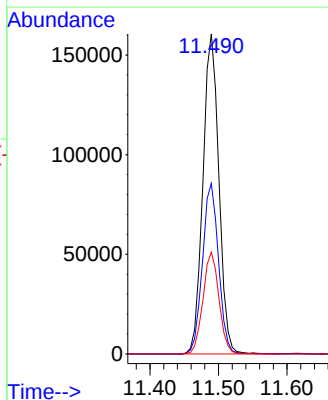
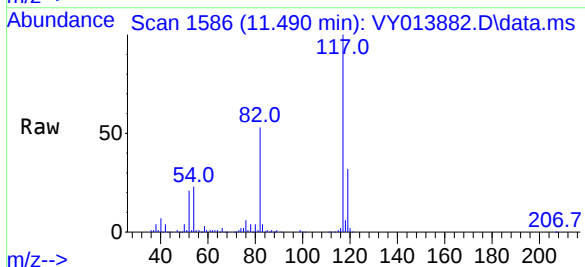
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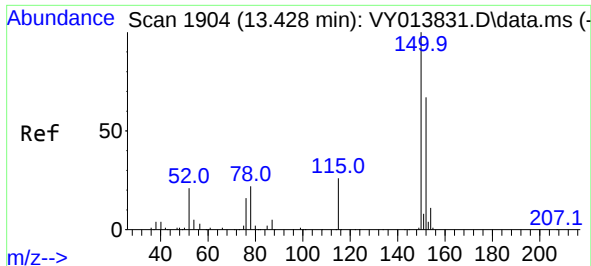
Tgt Ion: 95 Resp: 102139
Ion Ratio Lower Upper
95 100
174 93.9 0.0 176.0
176 88.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 117 Resp: 260789
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.4
119 31.8 25.7 38.5

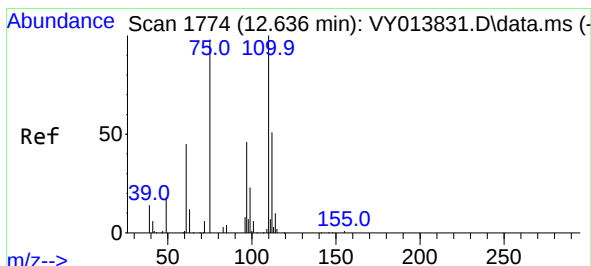
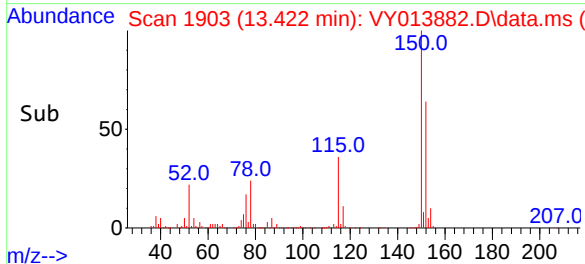
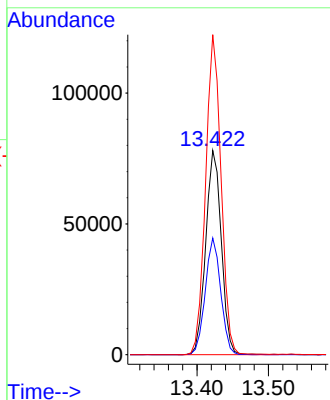
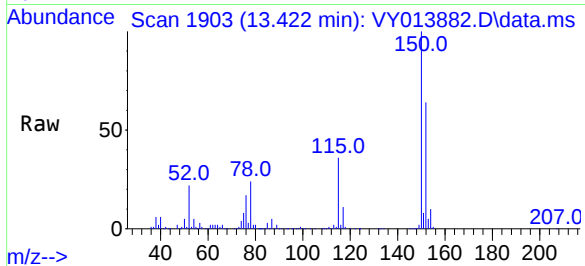




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

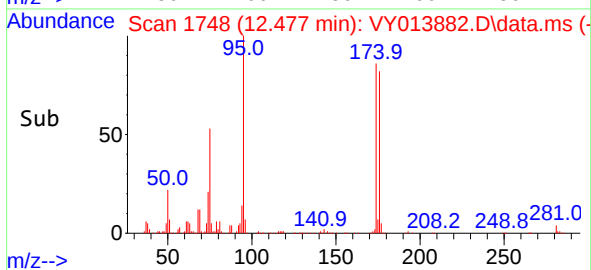
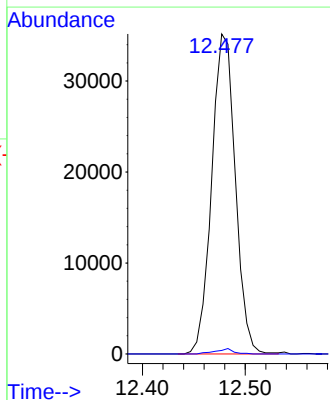
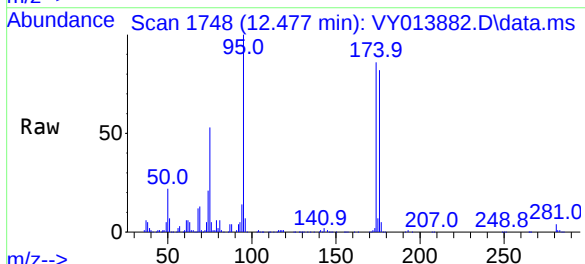
Instrument :
MSVOA_Y
ClientSampleId :
280608

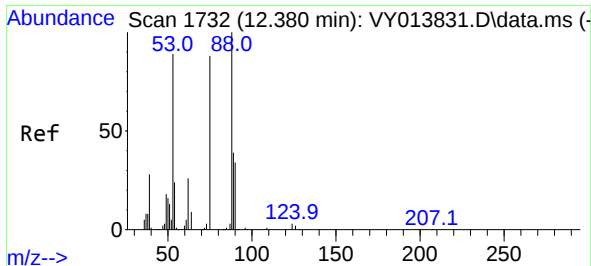
Tgt Ion:152 Resp: 118433
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 154.8 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 40.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 75 Resp: 56143
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

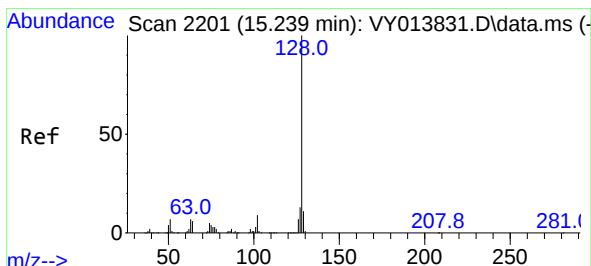
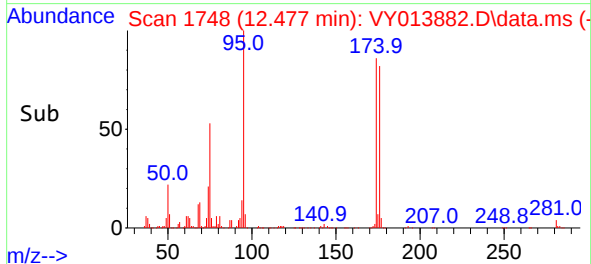
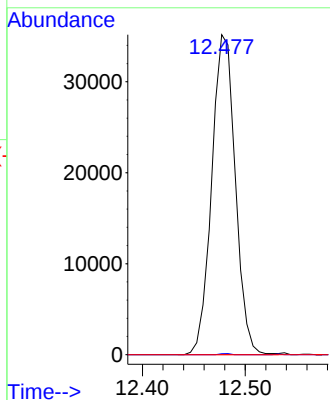
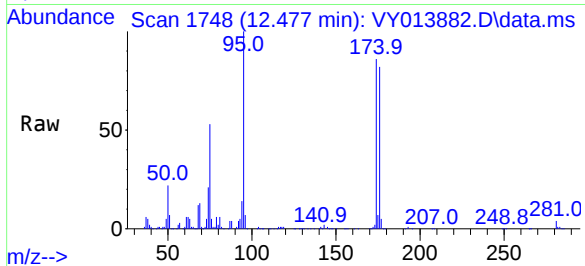




#81
trans-1,4-Dichloro-2-butene
Concen: 87.268 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Instrument :
MSVOA_Y
ClientSampleId :
280608

Tgt Ion: 75 Resp: 56143
Ion Ratio Lower Upper
75 100
53 0.1 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.605 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013882.D
Acq: 25 May 2023 18:44

Tgt Ion: 128 Resp: 311
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

