

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013839.D
 Acq On : 24 May 2023 12:28
 Operator : KP/MD
 Sample : VY0524SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBL01

Quant Time: May 25 07:07:19 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)

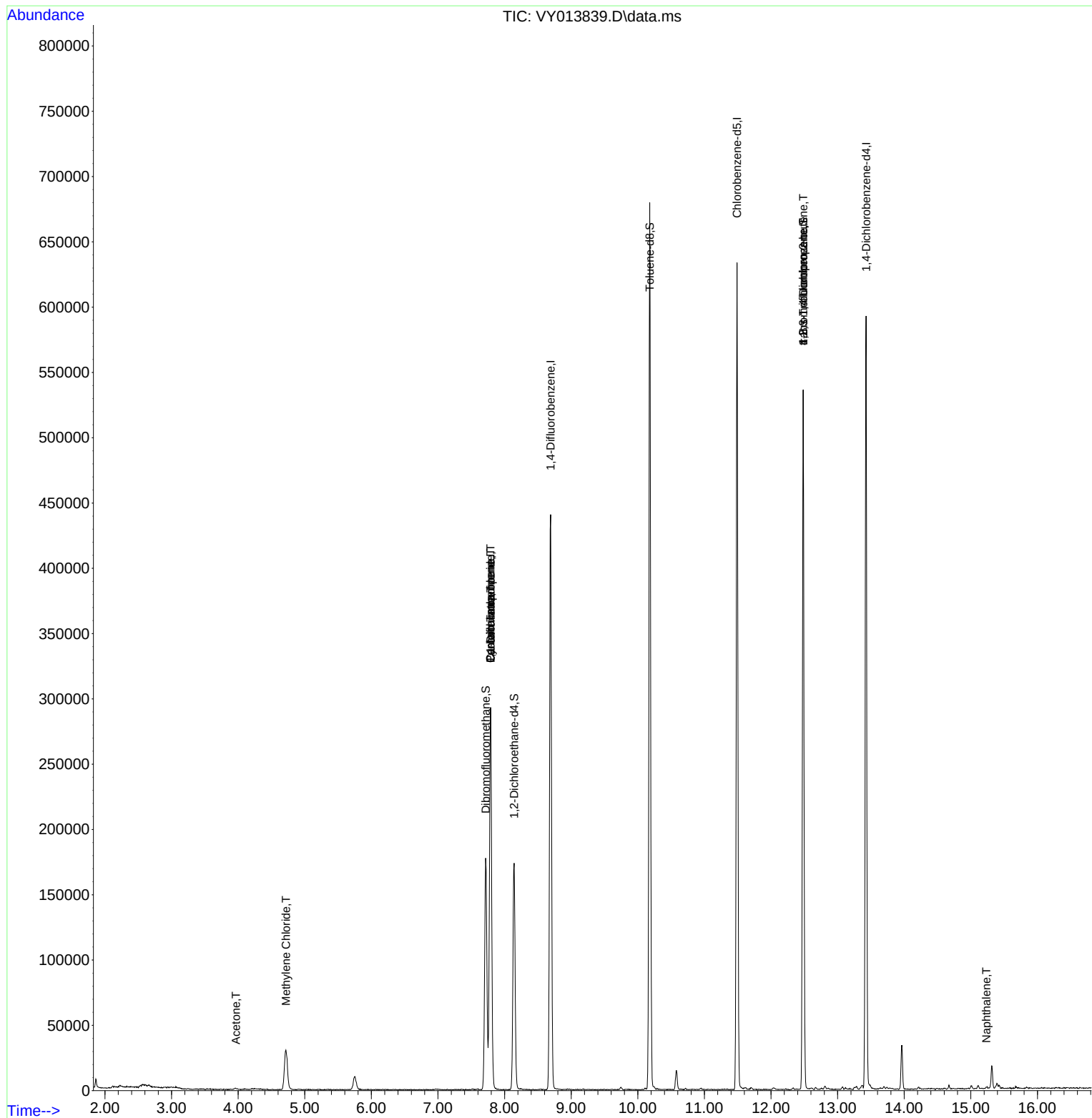
Internal Standards						
1) Pentafluorobenzene	7.789	168	226692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141689	54.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.060%	
35) Dibromofluoromethane	7.716	113	122874	51.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	427271	47.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.720%	
62) 4-Bromofluorobenzene	12.483	95	135516	45.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.380%	
Target Compounds						Qvalue
16) Acetone	3.966	43	1786	2.294	ug/l #	85
20) Methylene Chloride	4.716	84	22542	5.929	ug/l	95
31) Cyclohexane	7.789	56	5560	1.380	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	17762	4.913	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21639	5.263	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	74297	41.971	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74297	91.105	ug/l #	10
95) Naphthalene	15.233	128	1518	4.764	ug/l #	82

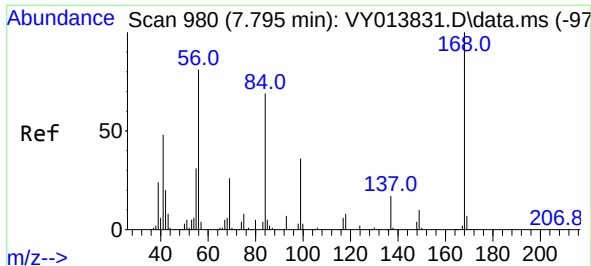
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013839.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

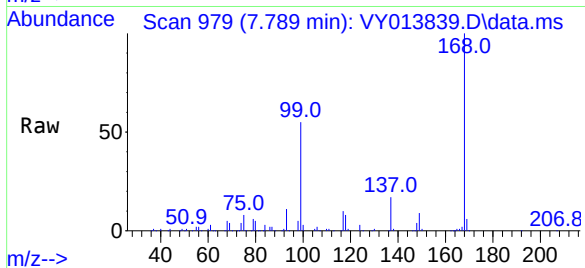
Quant Time: May 25 07:07:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration



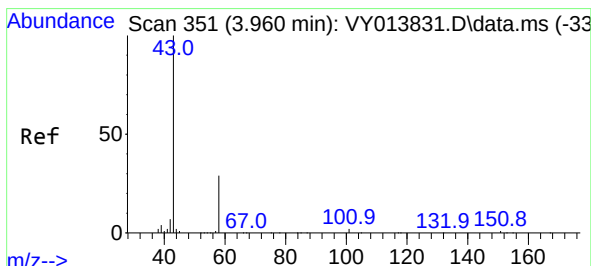
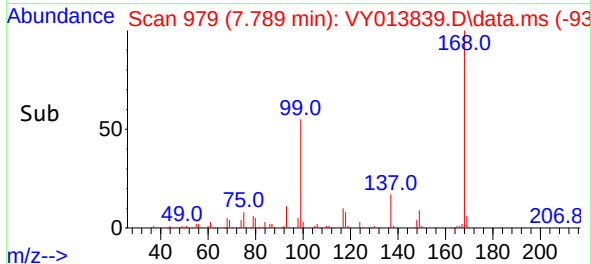
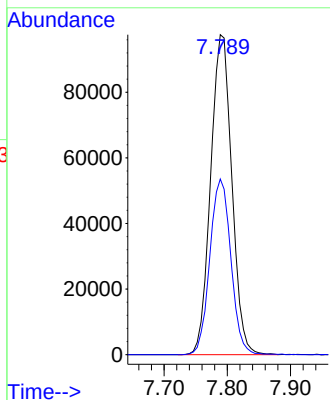


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

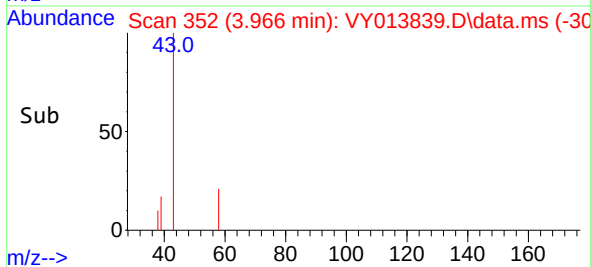
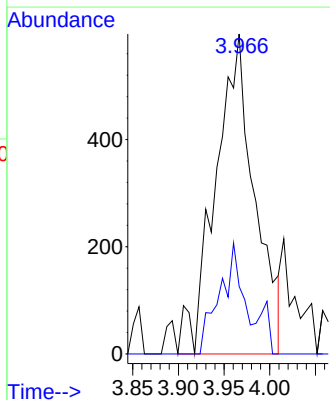
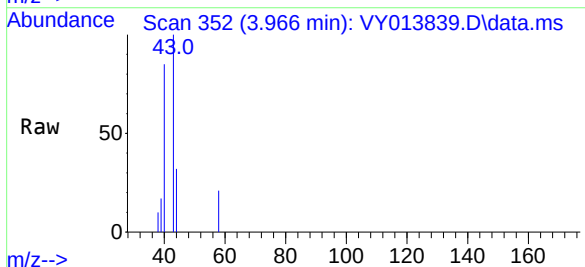


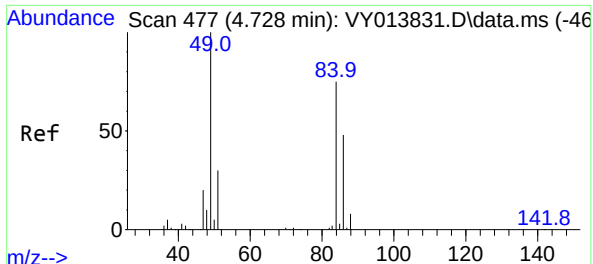
Tgt Ion:168 Resp: 226692
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.2



#16
Acetone
Concen: 2.294 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 43 Resp: 1786
Ion Ratio Lower Upper
43 100
58 21.1 23.3 34.9#



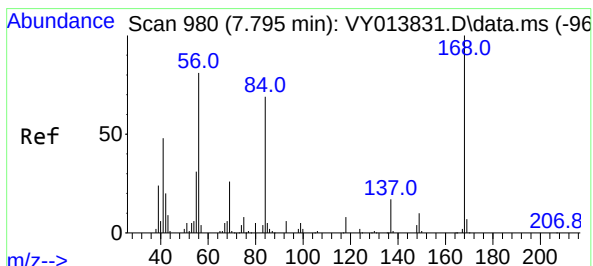
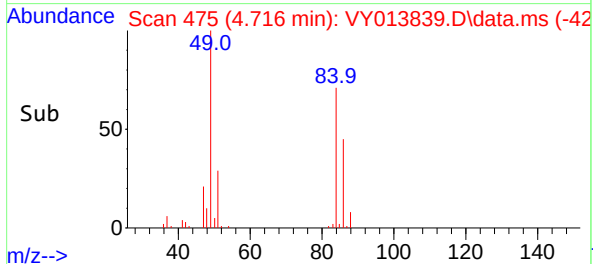
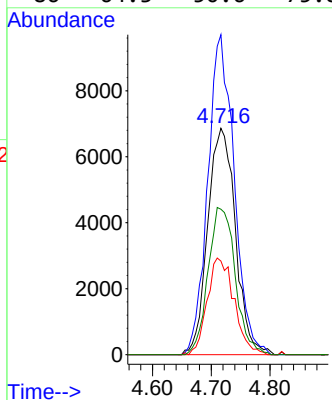
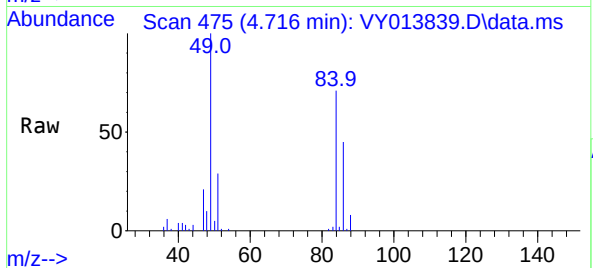


#20
Methylene Chloride
Concen: 5.929 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

Tgt Ion: 84 Resp: 22542

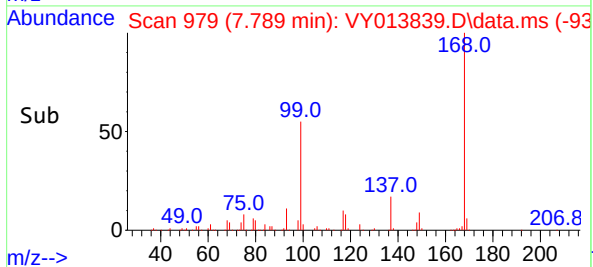
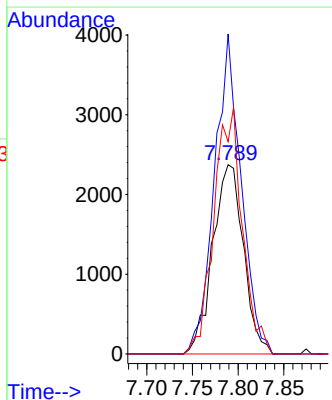
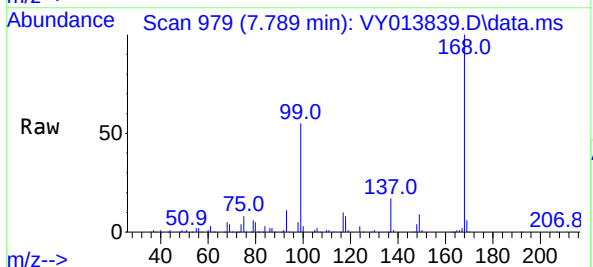
Ion	Ratio	Lower	Upper
84	100		
49	141.4	106.2	159.2
51	41.3	31.4	47.0
86	64.3	50.6	75.8

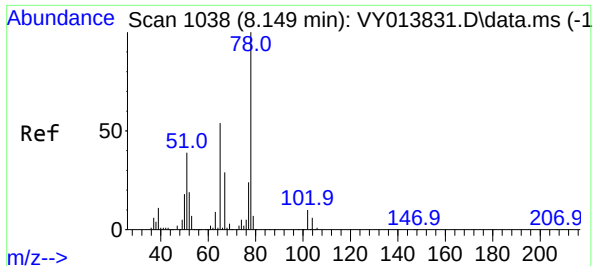


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 56 Resp: 5560

Ion	Ratio	Lower	Upper
56	100		
69	169.0	25.8	38.8#
84	112.1	68.2	102.2#

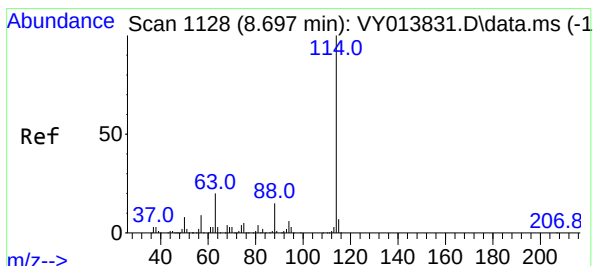
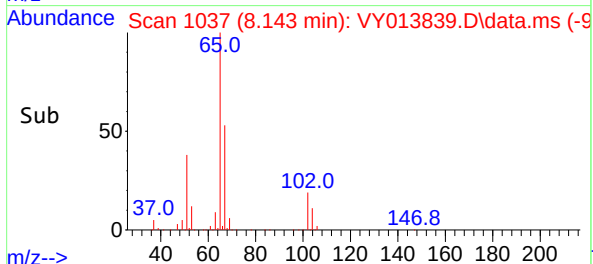
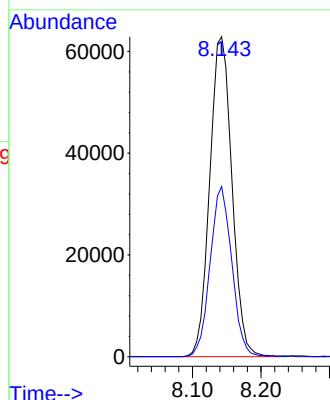
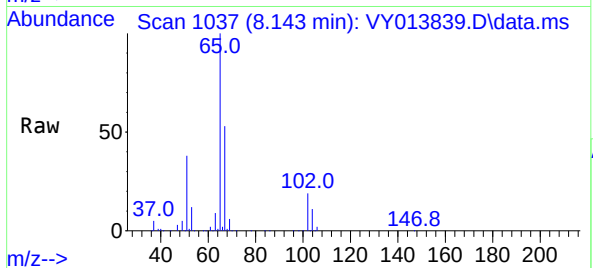




#33
1,2-Dichloroethane-d4
Concen: 54.026 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

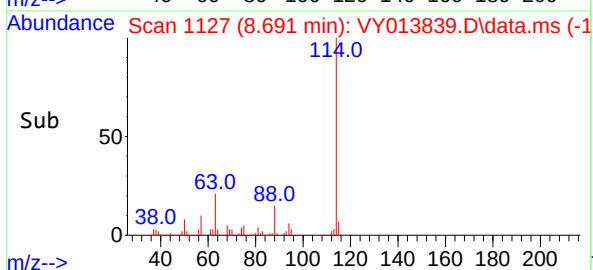
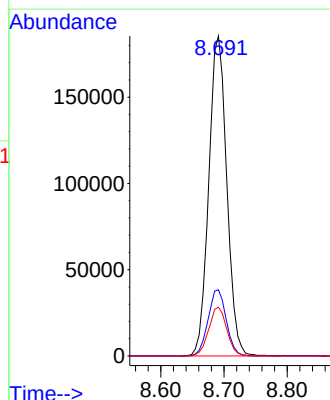
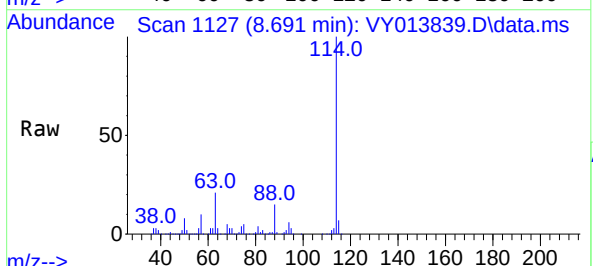
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

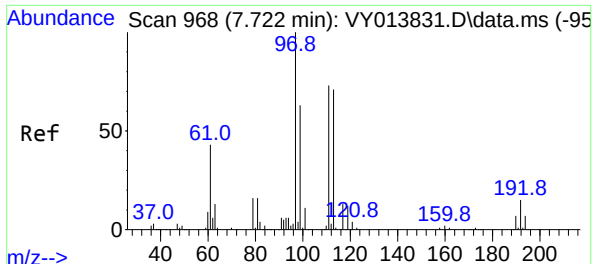
Tgt Ion: 65 Resp: 141689
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion:114 Resp: 367572
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.2
88 15.3 0.0 30.0

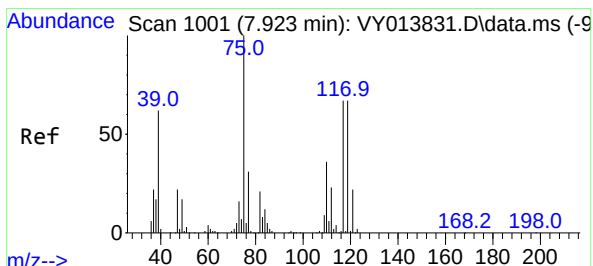
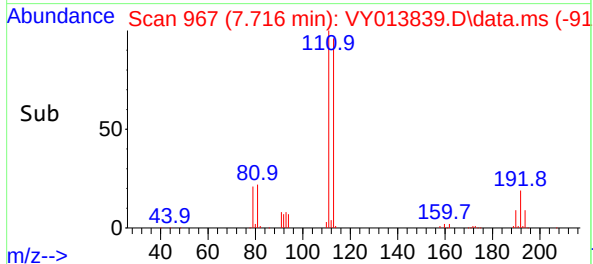
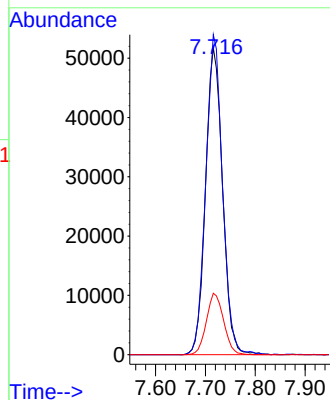
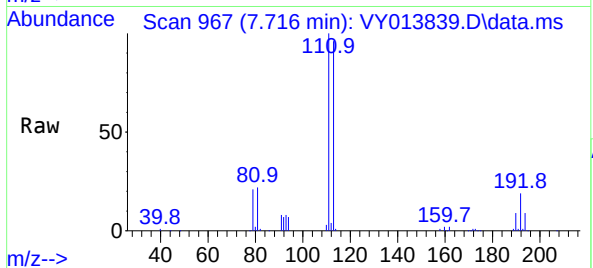




#35
Dibromofluoromethane
Concen: 51.763 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

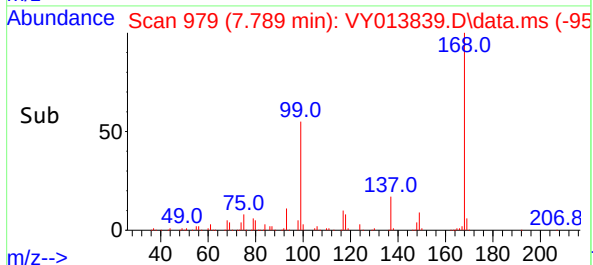
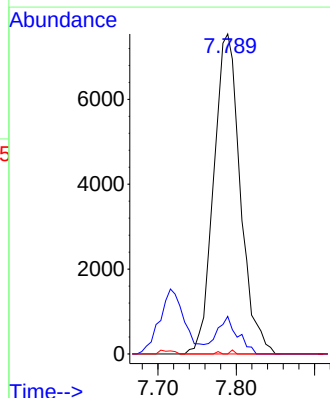
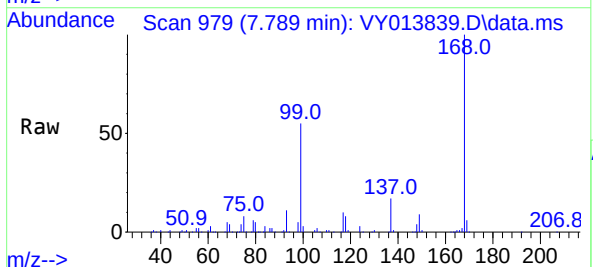
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

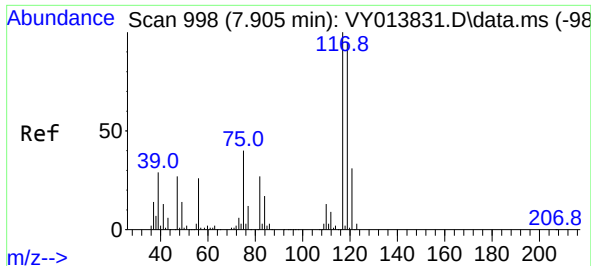
Tgt Ion:113 Resp: 122874
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 20.3 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

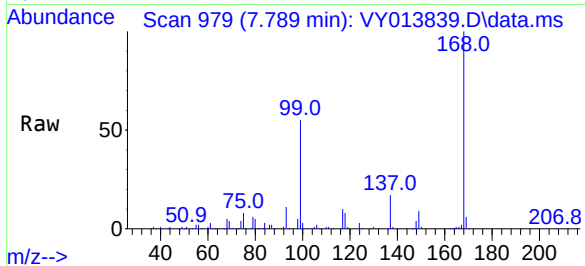
Tgt Ion: 75 Resp: 17762
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.6#
77 0.2 24.4 36.6#



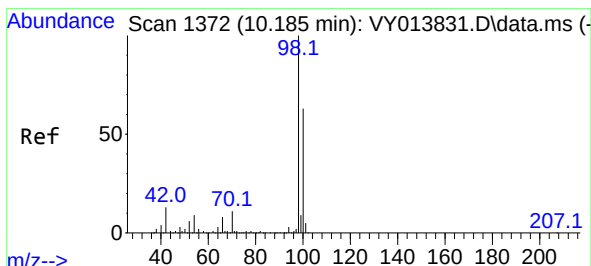
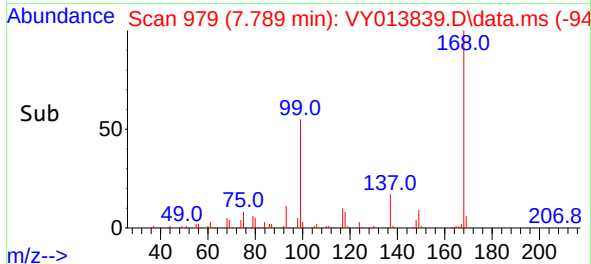
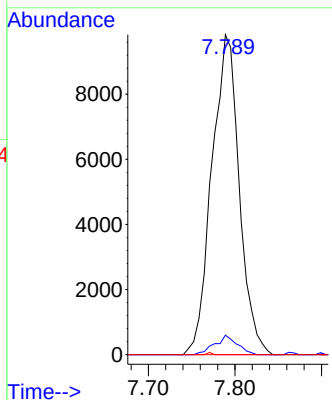


#38
Carbon Tetrachloride
Concen: 5.263 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

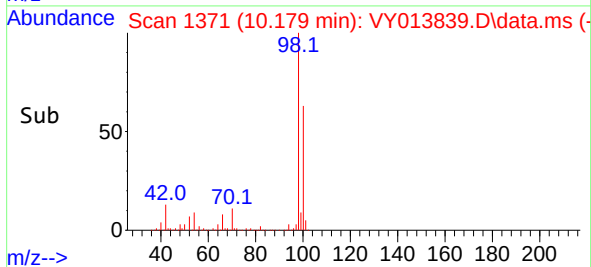
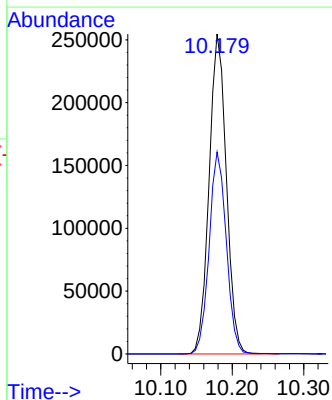
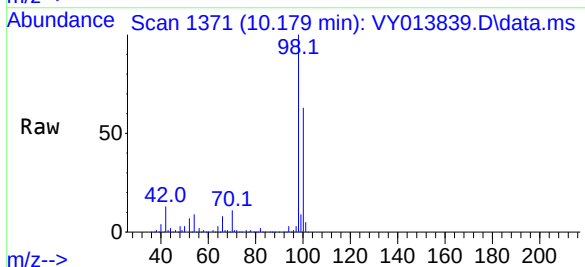


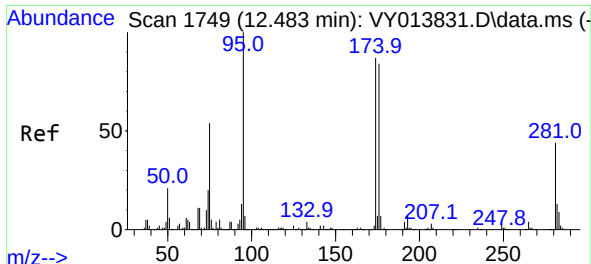
Tgt Ion:117 Resp: 21639
Ion Ratio Lower Upper
117 100
119 6.1 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.359 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 98 Resp: 427271
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2

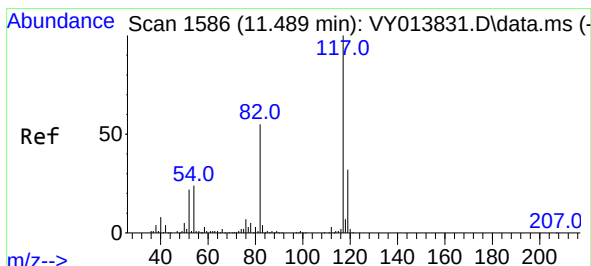
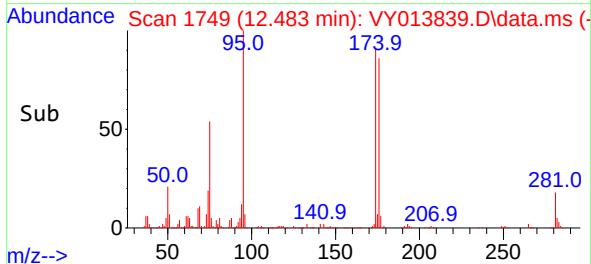
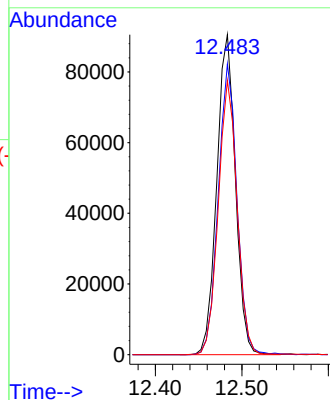
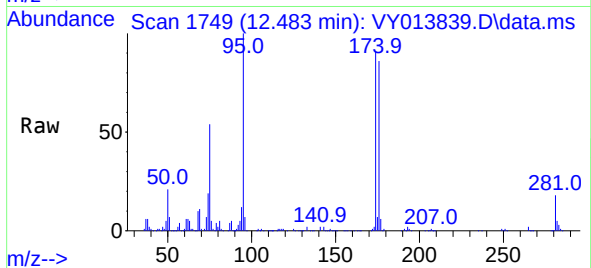




#62
4-Bromofluorobenzene
Concen: 45.188 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

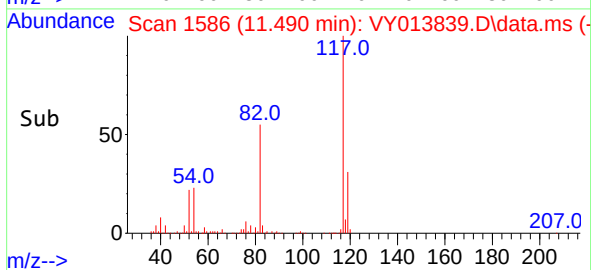
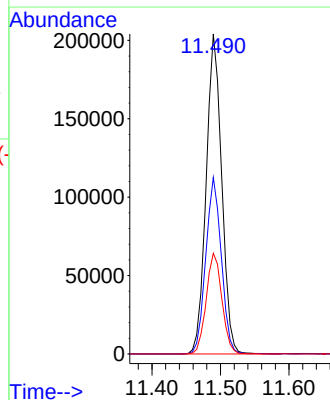
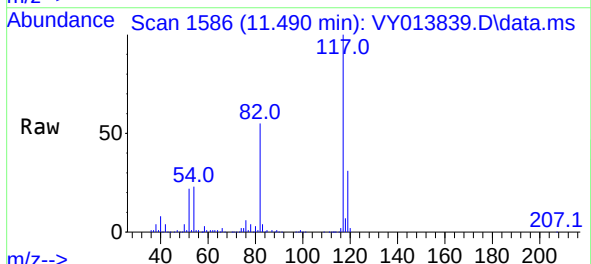
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

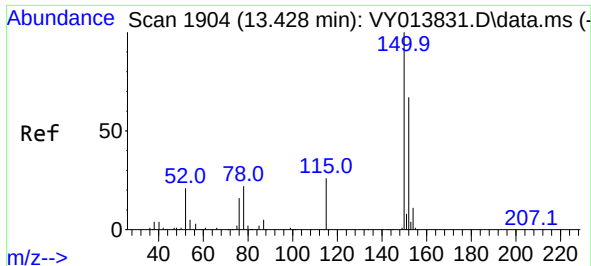
Tgt Ion: 95 Resp: 135516
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.0
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 117 Resp: 322239
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.4
119 31.5 25.7 38.5

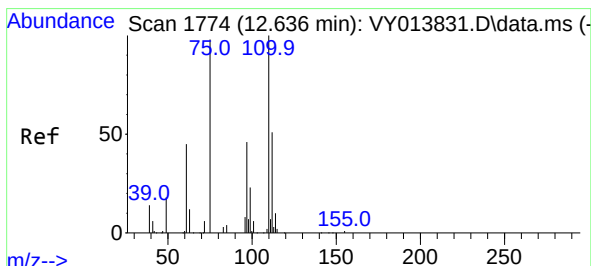
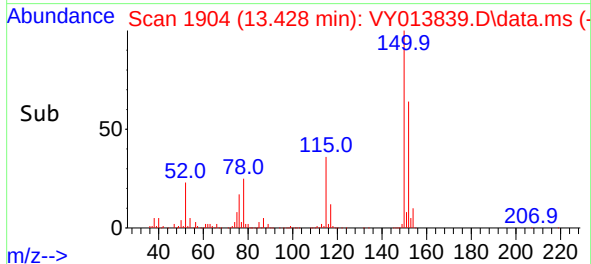
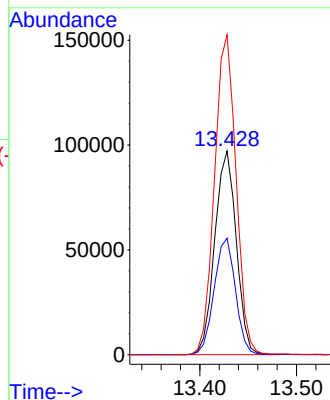
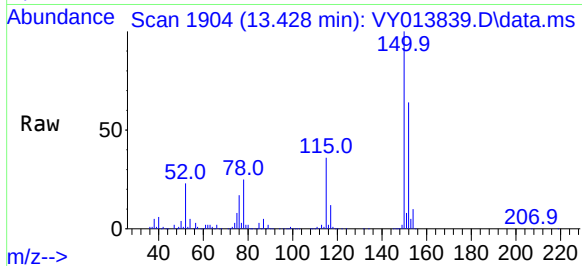




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

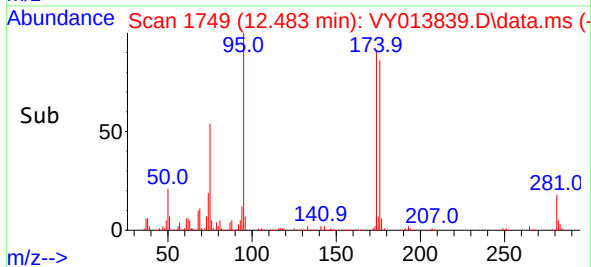
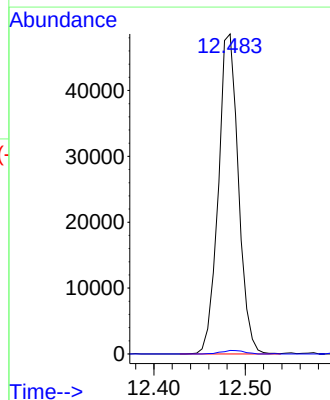
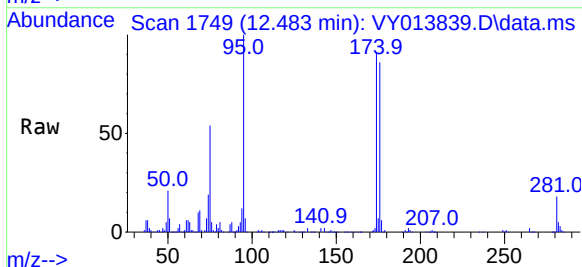
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

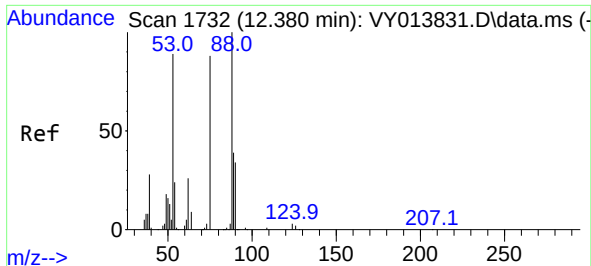
Tgt Ion:152 Resp: 150128
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 157.3 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 41.971 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 75 Resp: 74297
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

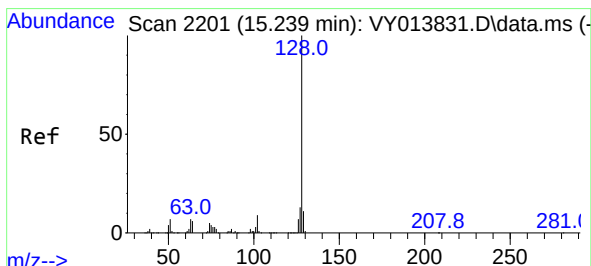
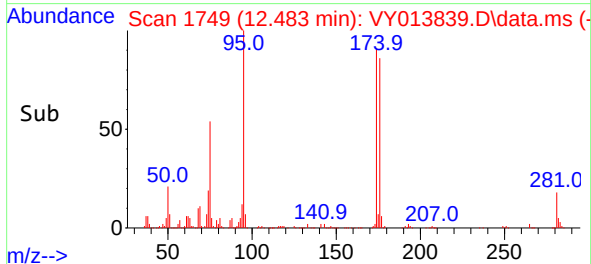
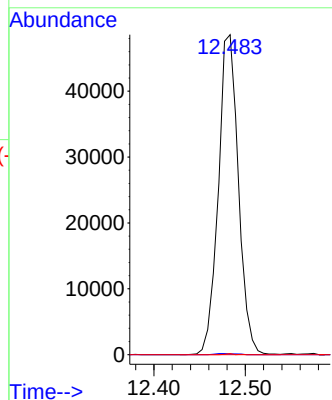
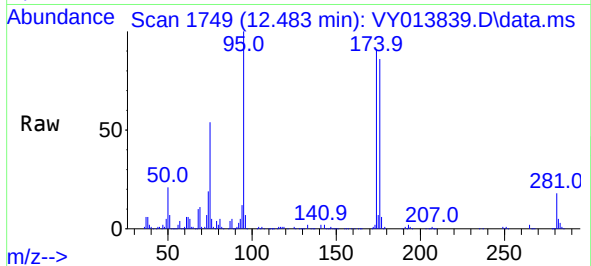




#81
trans-1,4-Dichloro-2-butene
Concen: 91.105 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

Tgt Ion: 75 Resp: 74297
Ion Ratio Lower Upper
75 100
53 0.4 79.7 119.5#
89 0.1 36.4 54.6#



#95
Naphthalene
Concen: 4.764 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013839.D
Acq: 24 May 2023 12:28

Tgt Ion: 128 Resp: 1518
Ion Ratio Lower Upper
128 100
127 3.9 10.7 16.1#
129 15.1 9.0 13.4#

