

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016327.D
 Acq On : 13 Nov 2023 16:56
 Operator : SY/MD
 Sample : 05374-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:38:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

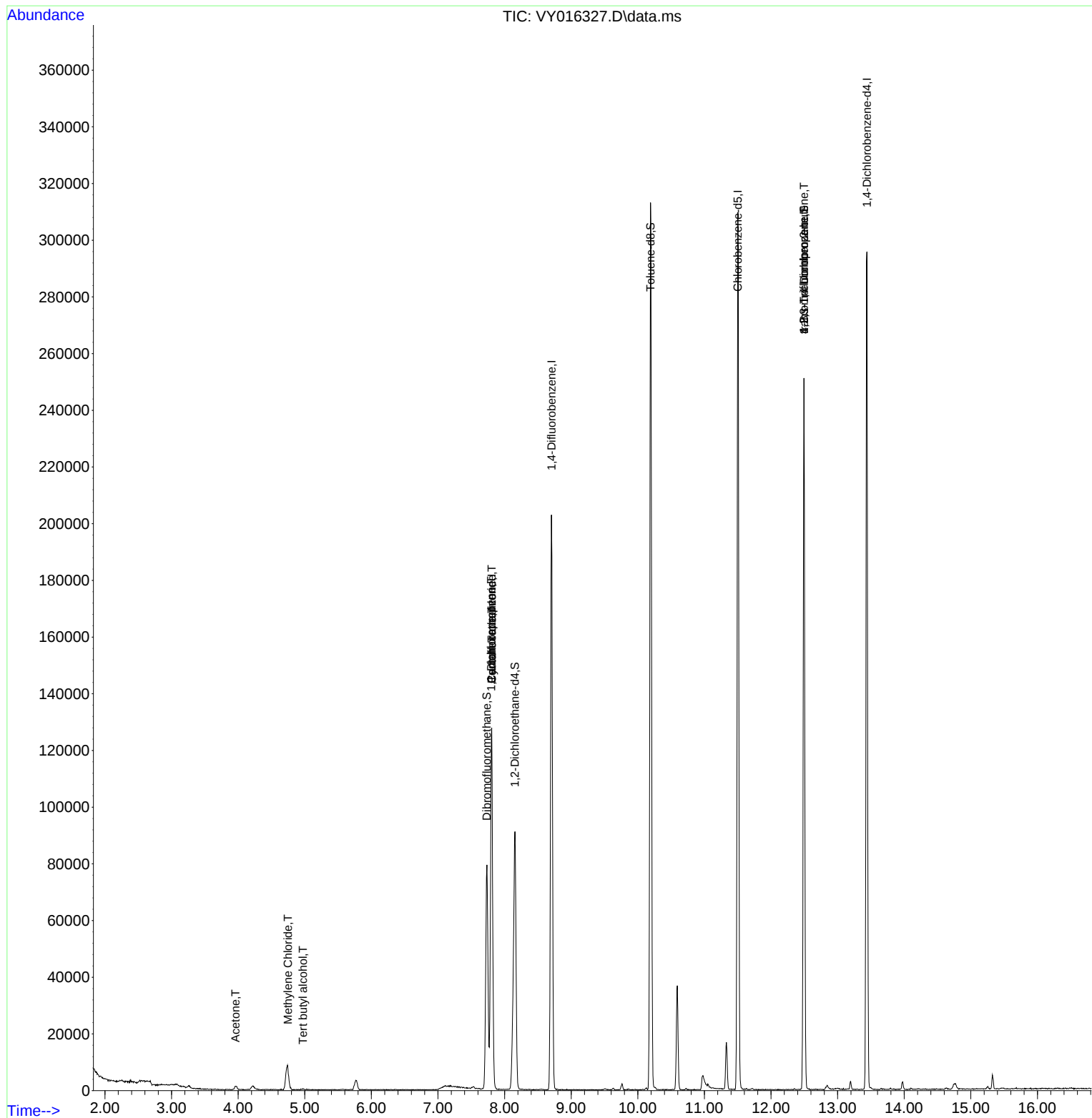
Internal Standards						
1) Pentafluorobenzene	7.807	168	99998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	179163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62864	68.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.560%	
35) Dibromofluoromethane	7.734	113	56576	55.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.180%	
50) Toluene-d8	10.191	98	209342	50.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.495	95	73025	54.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	265	3.703	ug/l #	89
16) Acetone	3.960	43	2285	15.115	ug/l	98
20) Methylene Chloride	4.747	84	6782	3.084	ug/l #	76
31) Cyclohexane	7.807	56	1918	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8273	4.681	ug/l #	51
38) Carbon Tetrachloride	7.807	117	10266	5.597	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	37982	50.669	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37982	109.980	ug/l #	10

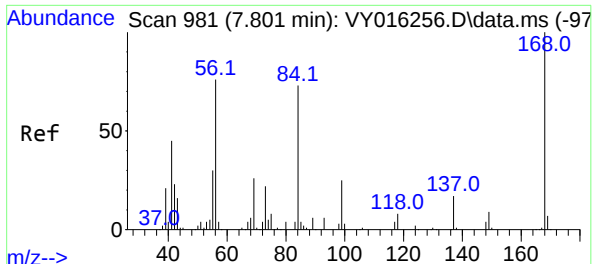
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016327.D
Acq On : 13 Nov 2023 16:56
Operator : SY/MD
Sample : 05374-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 14 04:38:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

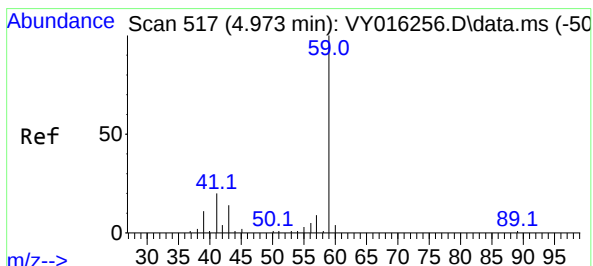
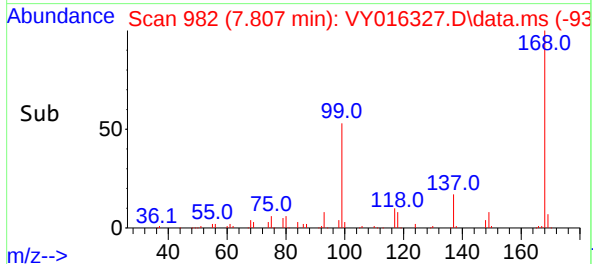
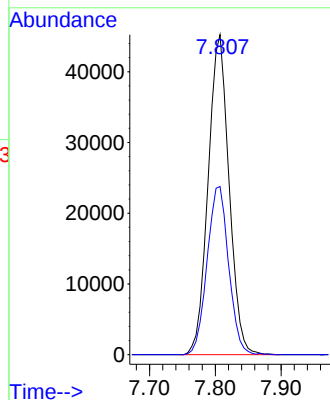
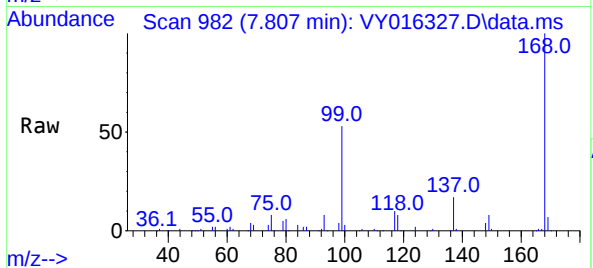




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

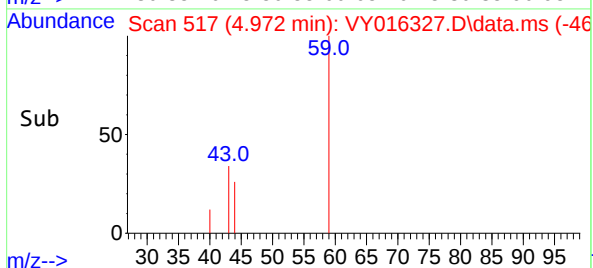
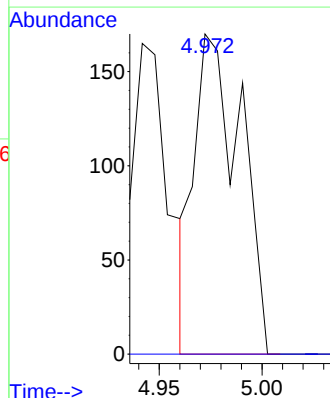
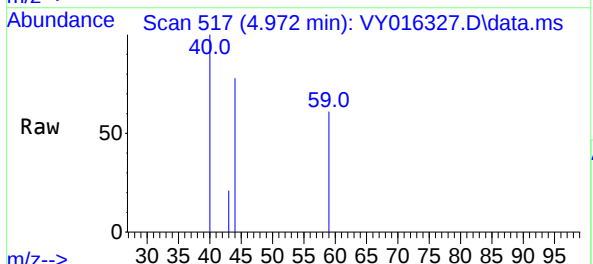
Instrument :
MSVOA_Y
ClientSampleId :

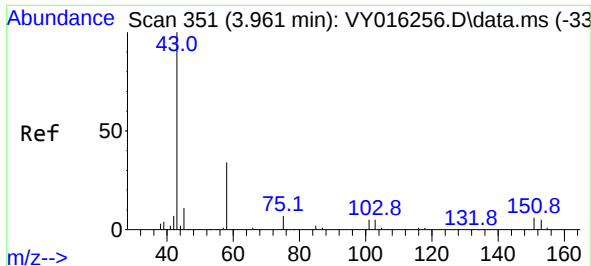
Tgt Ion:168 Resp: 99998
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.703 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

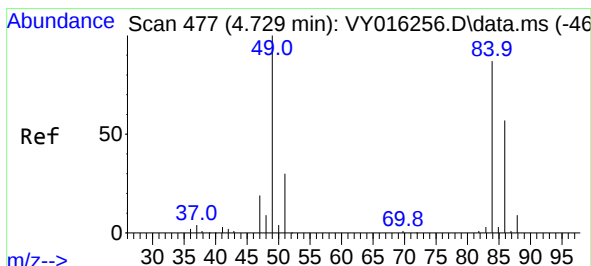
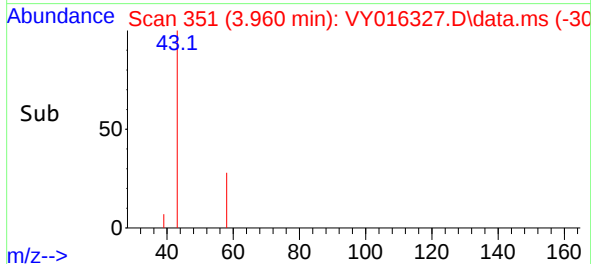
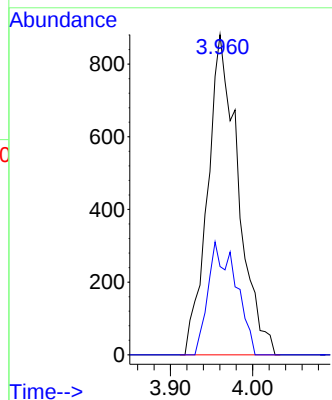
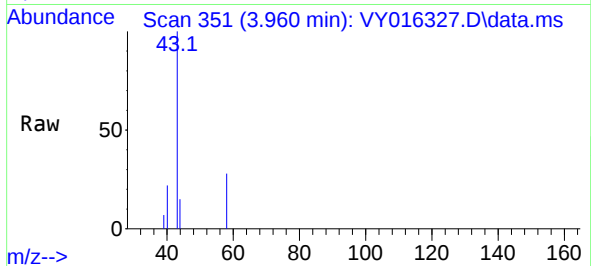




#16
Acetone
Concen: 15.115 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

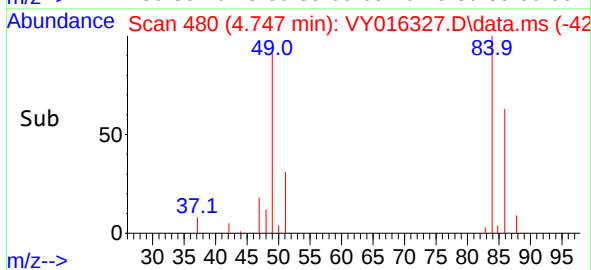
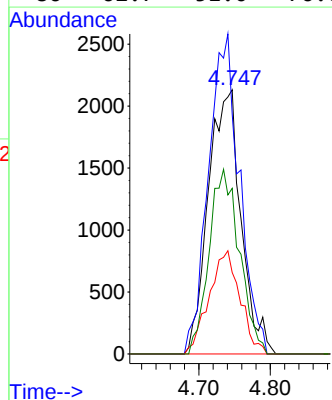
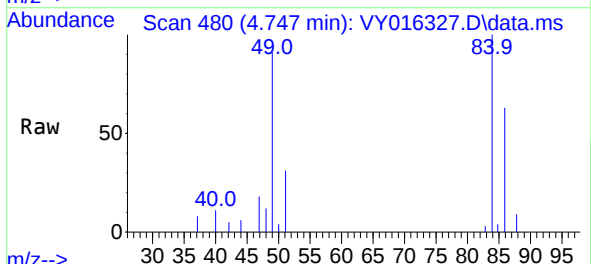
Instrument :
MSVOA_Y
ClientSampleId :

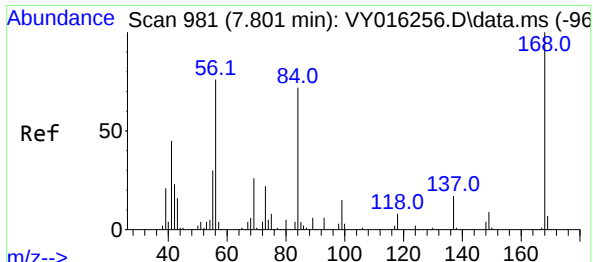
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1



#20
Methylene Chloride
Concen: 3.084 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

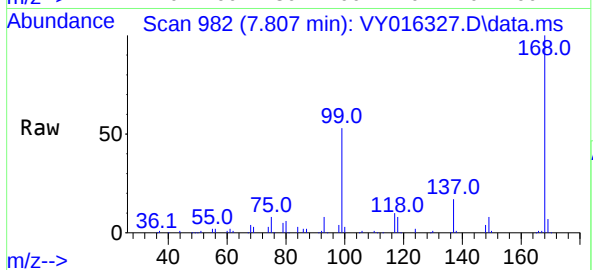
Tgt Ion: 84 Resp: 6782
Ion Ratio Lower Upper
84 100
49 90.8 106.9 160.3#
51 30.8 33.2 49.8#
86 62.7 51.0 76.6



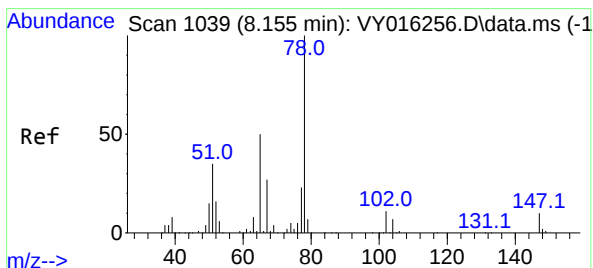
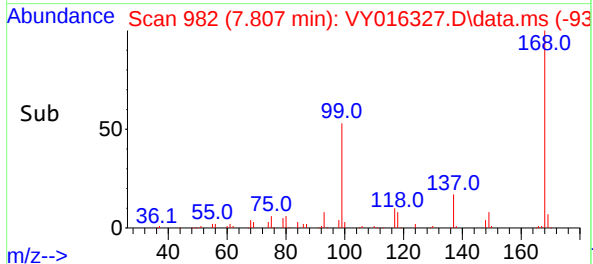
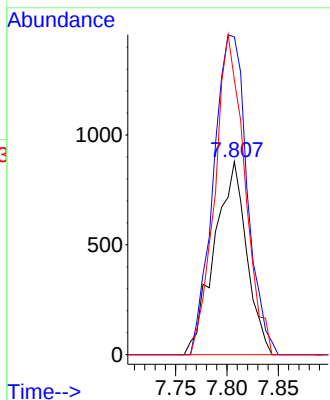


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

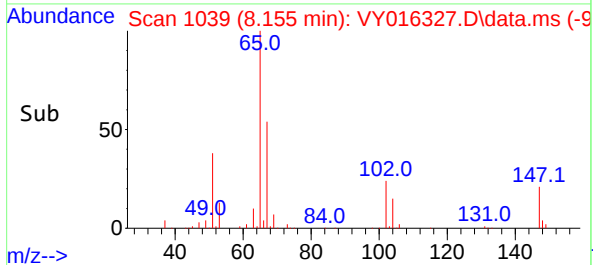
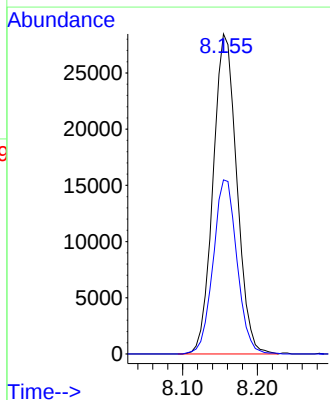
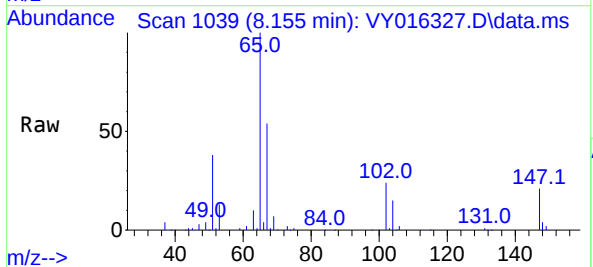


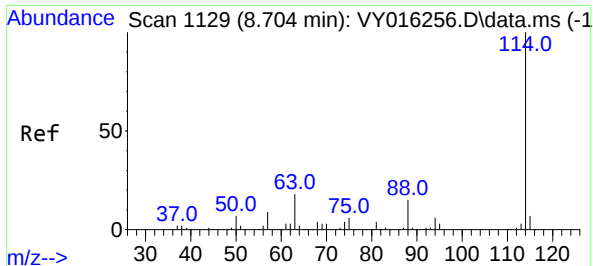
Tgt Ion: 56 Resp: 1918
Ion Ratio Lower Upper
56 100
69 164.6 27.8 41.6#
84 142.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 68.783 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Tgt Ion: 65 Resp: 62864
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8

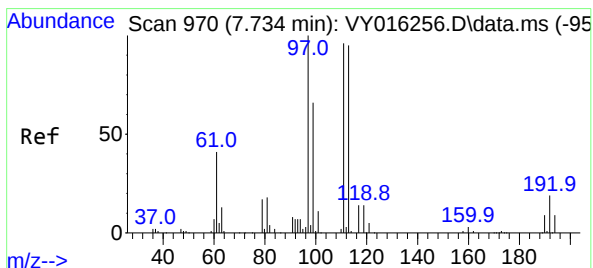
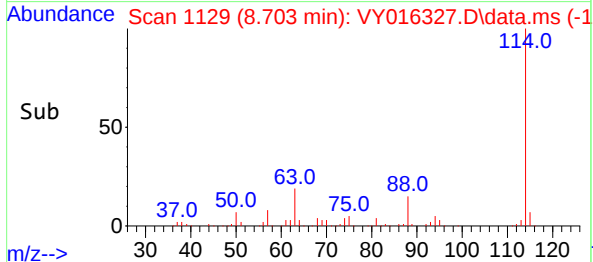
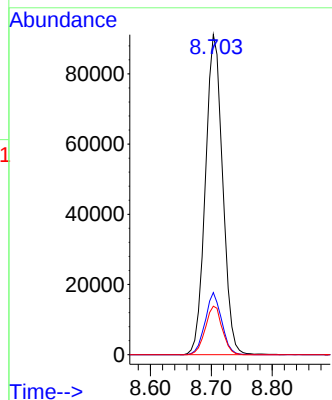
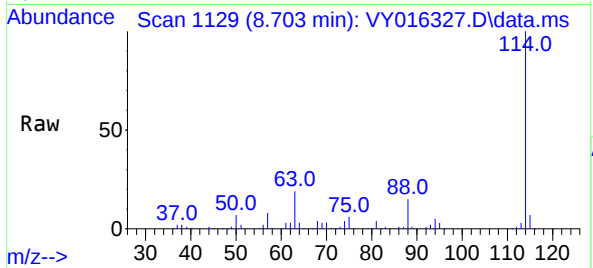




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

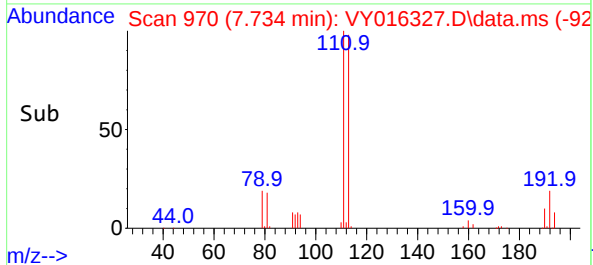
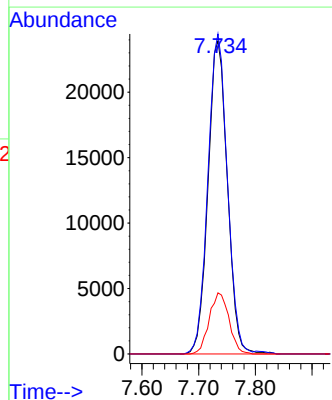
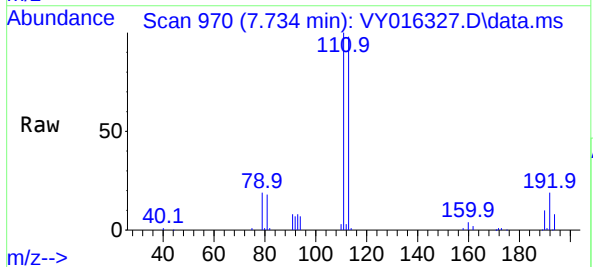
Instrument :
MSVOA_Y
ClientSampleId :

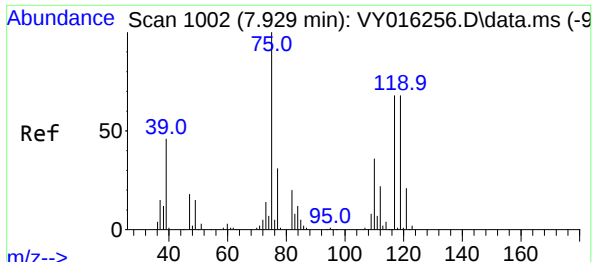
Tgt Ion:114 Resp: 179163
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.589 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

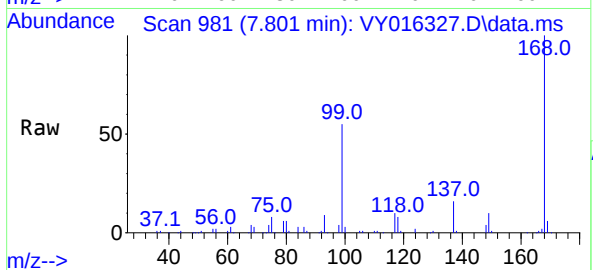
Tgt Ion:113 Resp: 56576
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.9 16.9 25.3



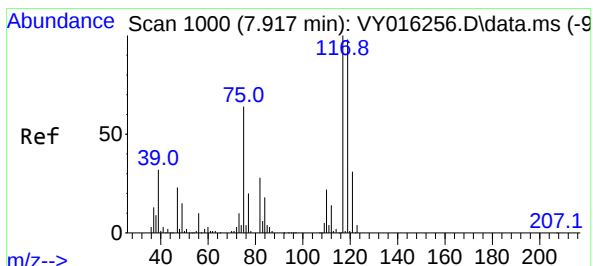
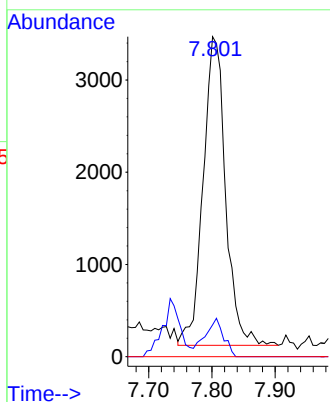
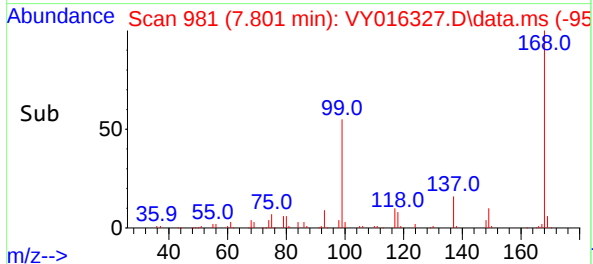


#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

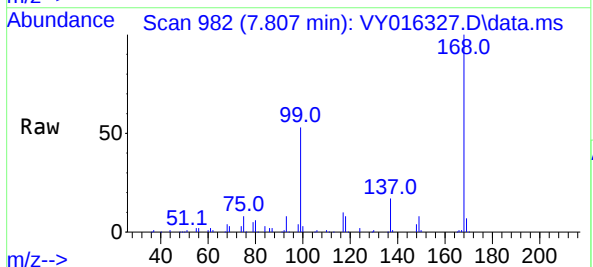
Instrument :
MSVOA_Y
ClientSampleId :



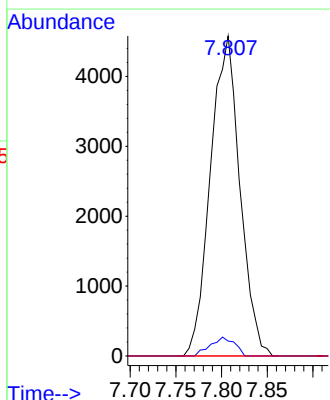
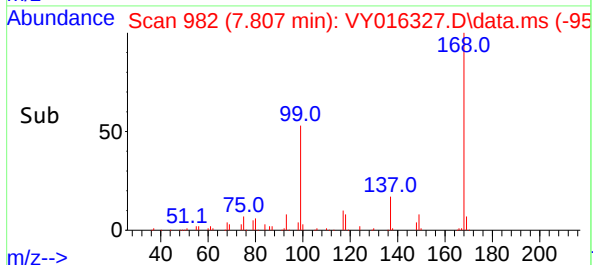
Tgt Ion: 75 Resp: 8273
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#

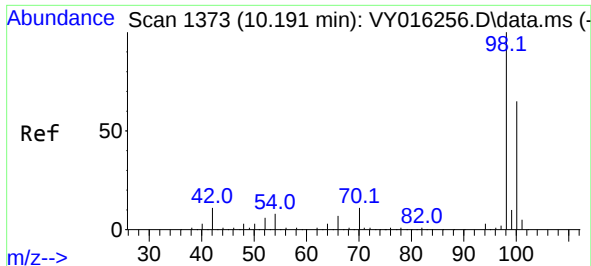


#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56



Tgt Ion: 117 Resp: 10266
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#

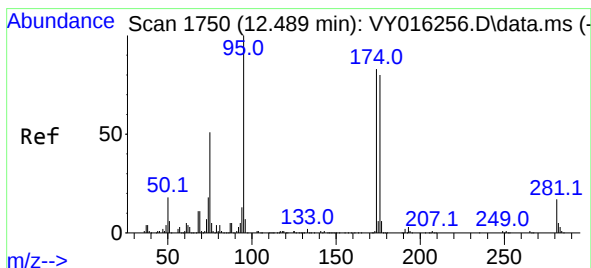
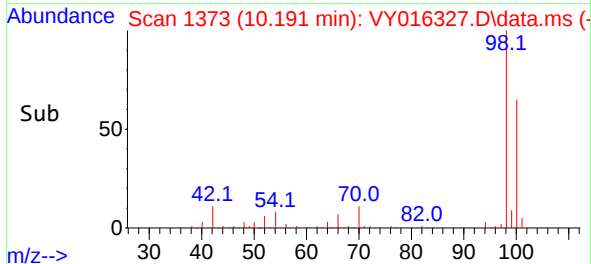
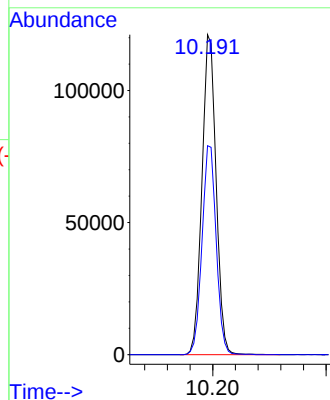
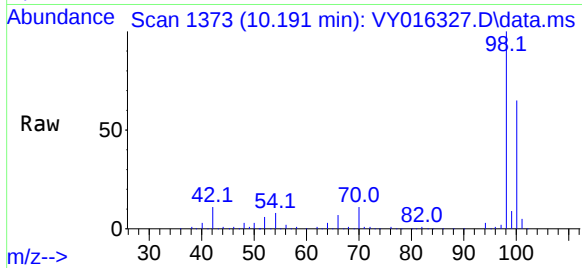




#50
Toluene-d8
Concen: 50.722 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

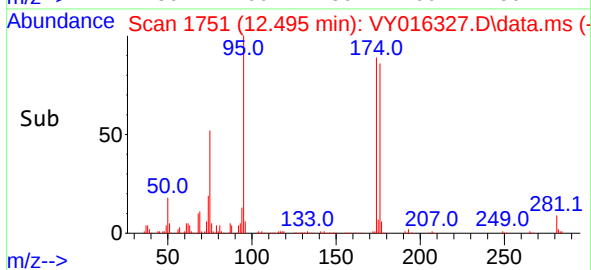
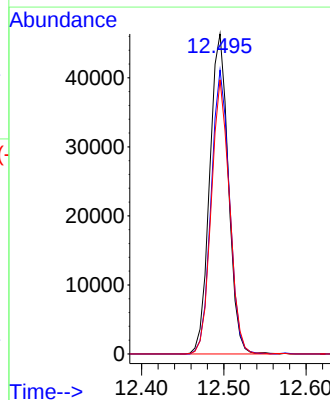
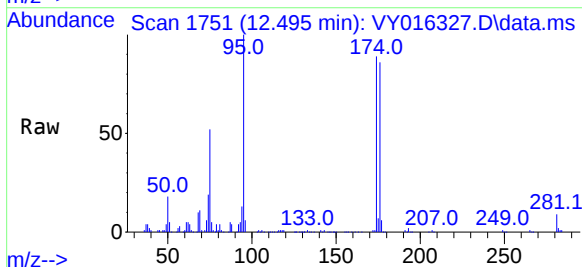
Instrument :
MSVOA_Y
ClientSampleId :

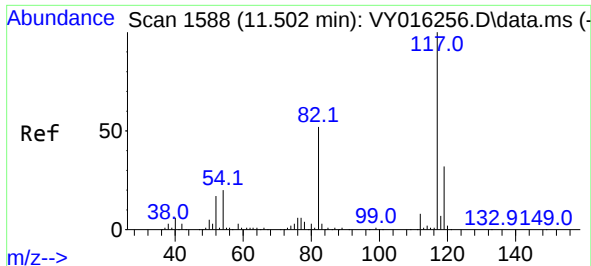
Tgt Ion: 98 Resp: 209342
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.478 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

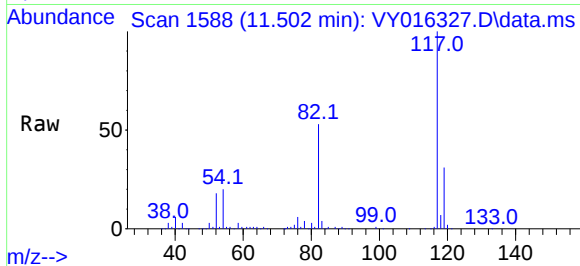
Tgt Ion: 95 Resp: 73025
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.4 0.0 173.8



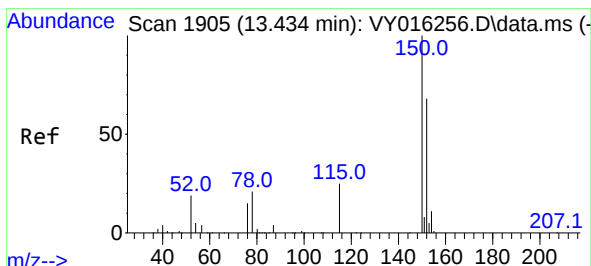
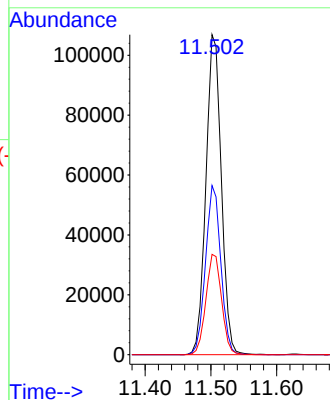
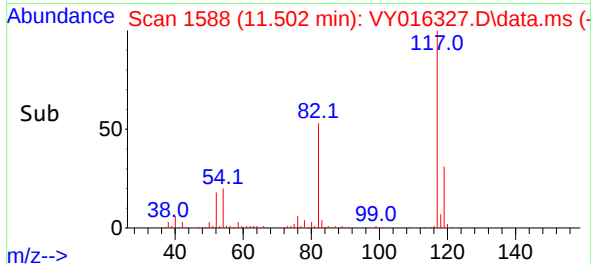


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

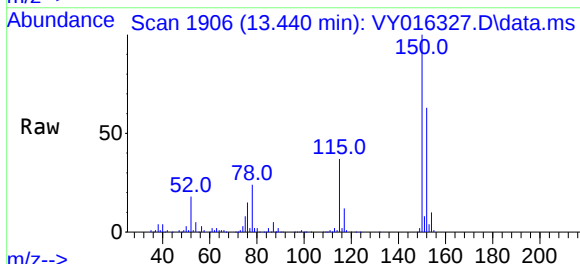
Instrument :
MSVOA_Y
ClientSampleId :



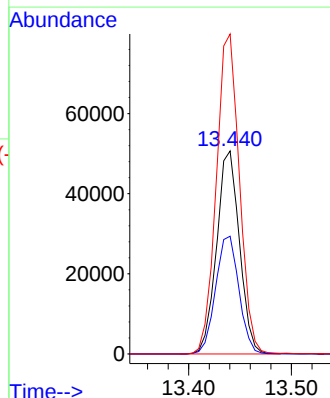
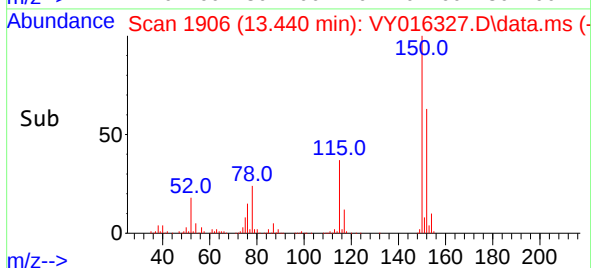
Tgt Ion:117 Resp: 174162
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.4 26.3 39.5

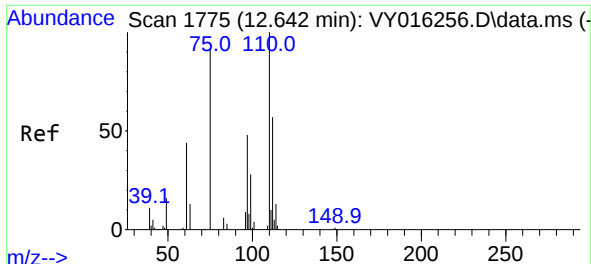


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56



Tgt Ion:152 Resp: 78143
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 159.4 0.0 348.8

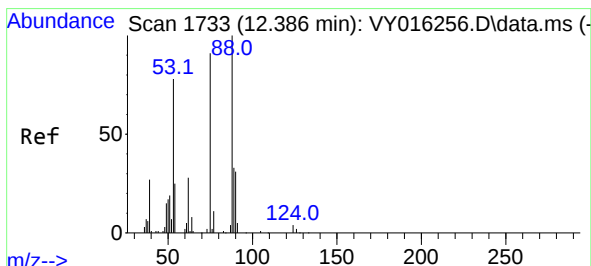
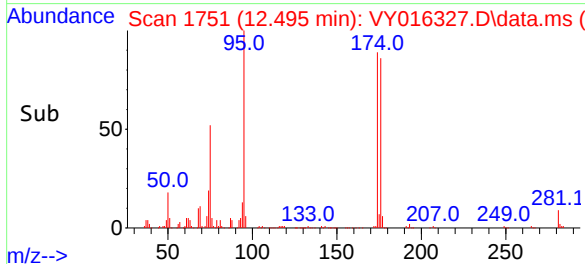
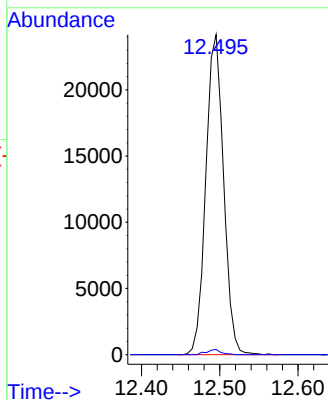
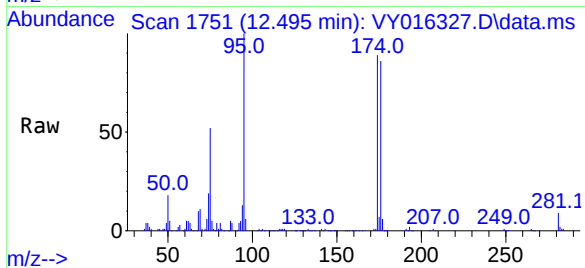




#76
1,2,3-Trichloropropane
Concen: 50.669 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37982
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.980 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Tgt Ion: 75 Resp: 37982
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

