

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016323.D
 Acq On : 13 Nov 2023 13:30
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:37:53 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)

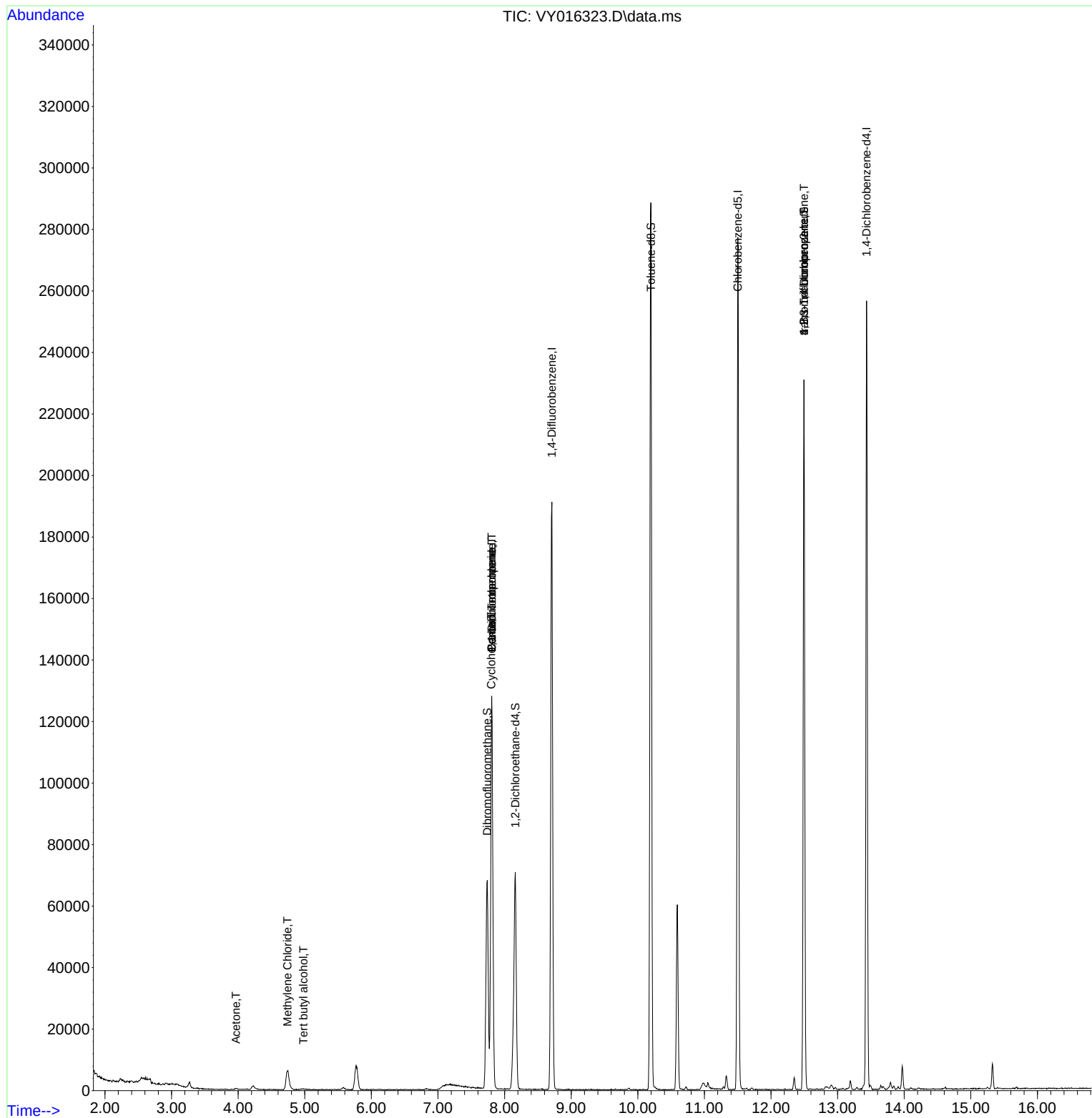
Internal Standards						
1) Pentafluorobenzene	7.807	168	97984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	168749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	153459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	51801	57.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.680%	
35) Dibromofluoromethane	7.740	113	49604	51.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.197	98	197848	50.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.495	95	62628	49.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	522	7.444	ug/l #	89
16) Acetone	3.966	43	699	4.719	ug/l #	78
20) Methylene Chloride	4.741	84	5150	1.548	ug/l #	74
31) Cyclohexane	7.801	56	1864	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7395	4.443	ug/l #	49
38) Carbon Tetrachloride	7.807	117	9484	5.490	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	32812	51.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	32812	112.147	ug/l #	11

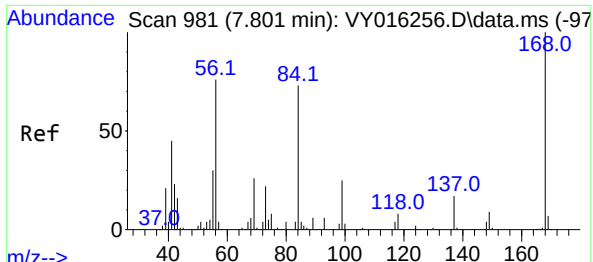
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016323.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

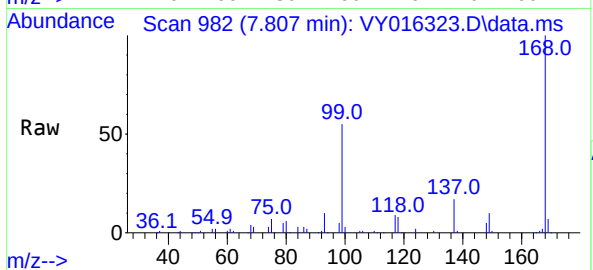
Quant Time: Nov 14 04:37:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



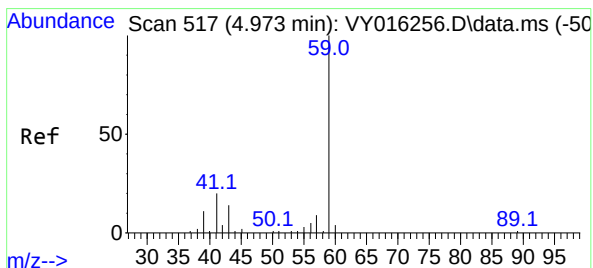
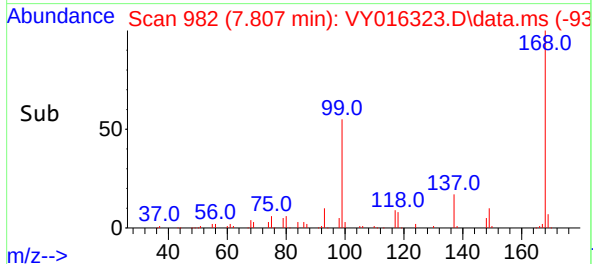
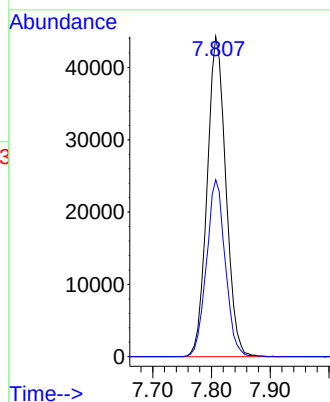


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :

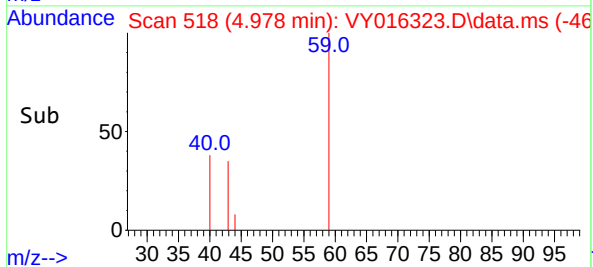
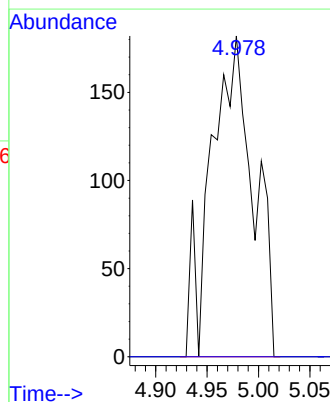
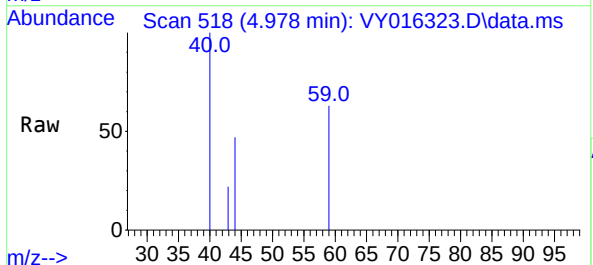


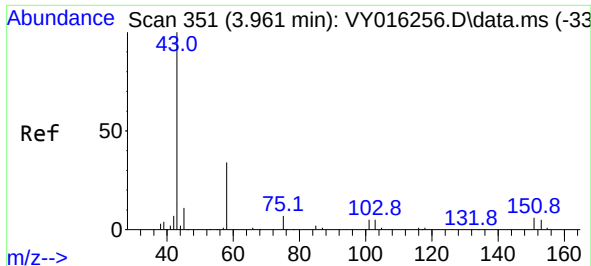
Tgt Ion:168 Resp: 97984
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.444 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Tgt Ion: 59 Resp: 522
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

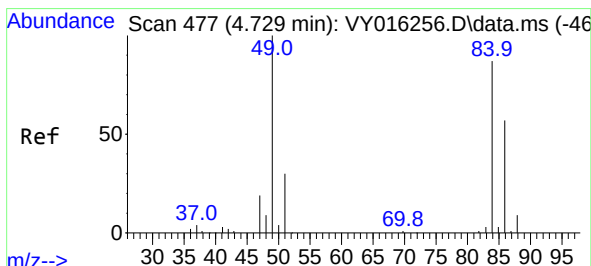
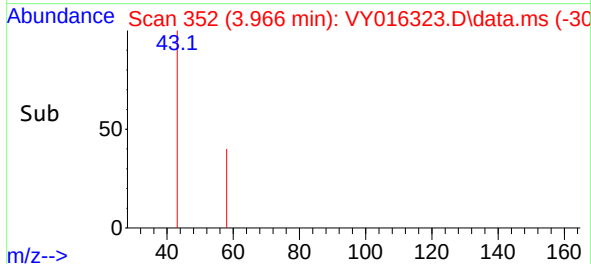
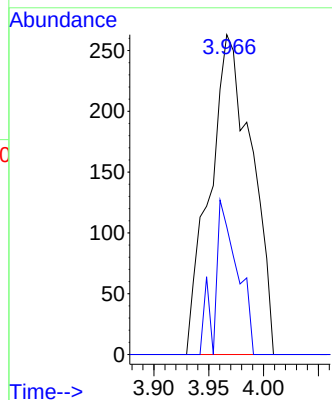
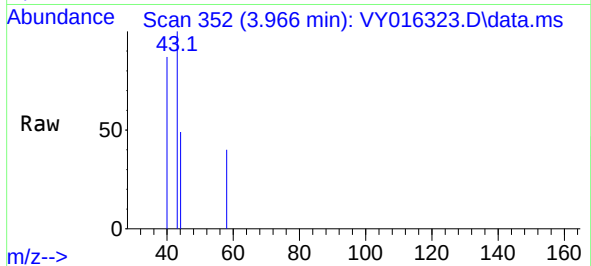




#16
Acetone
Concen: 4.719 ug/l
RT: 3.966 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

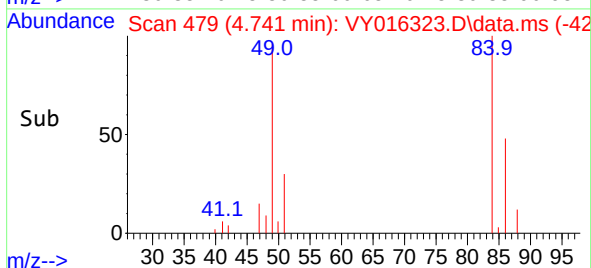
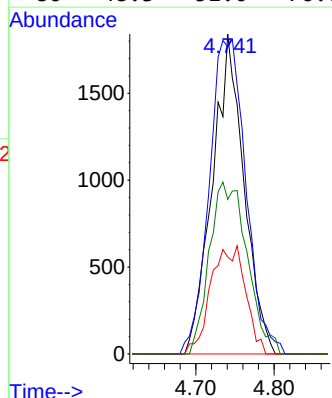
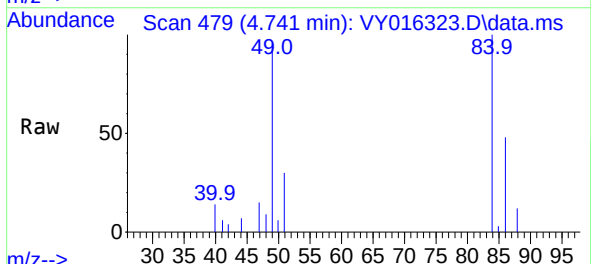
Instrument :
MSVOA_Y
ClientSampleId :

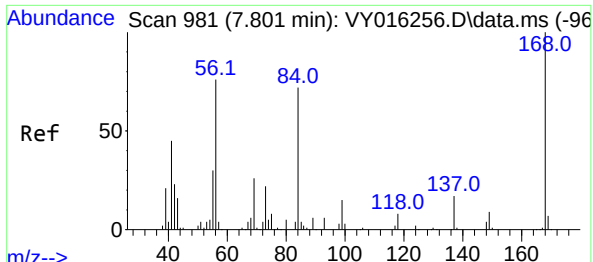
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 39.9 22.7 34.1#



#20
Methylene Chloride
Concen: 1.548 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

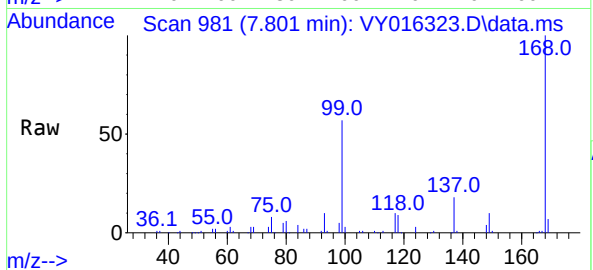
Tgt Ion: 84 Resp: 5150
Ion Ratio Lower Upper
84 100
49 96.0 106.9 160.3#
51 30.3 33.2 49.8#
86 48.3 51.0 76.6#



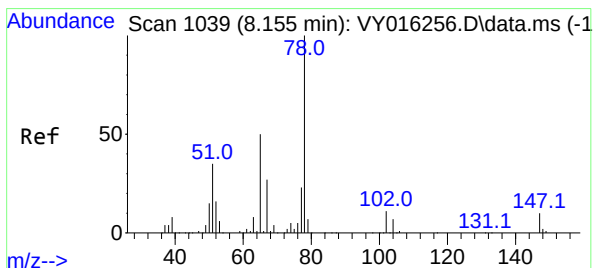
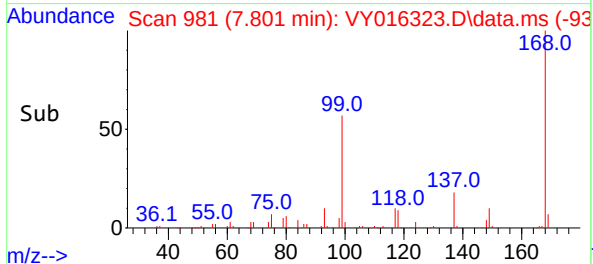
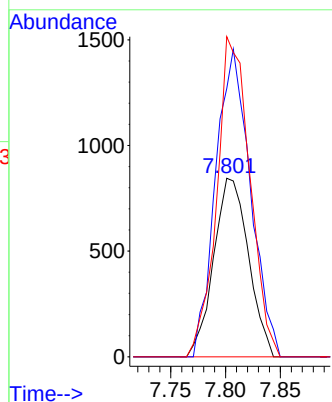


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :

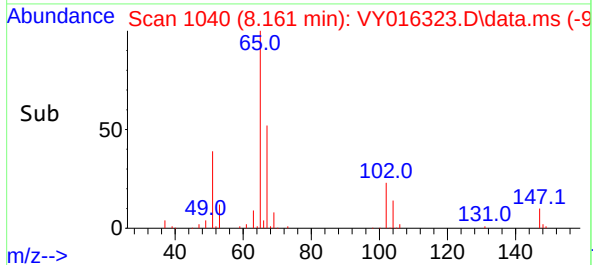
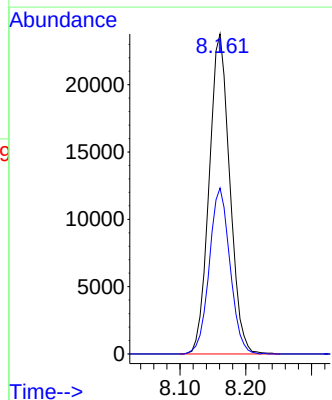
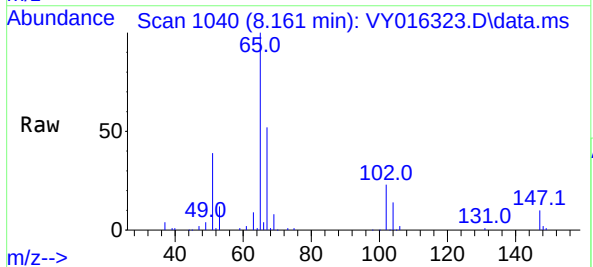


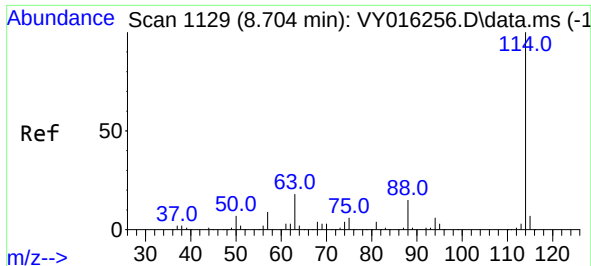
Tgt Ion: 56 Resp: 1864
Ion Ratio Lower Upper
56 100
69 150.3 27.8 41.6#
84 179.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.844 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Tgt Ion: 65 Resp: 51801
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8

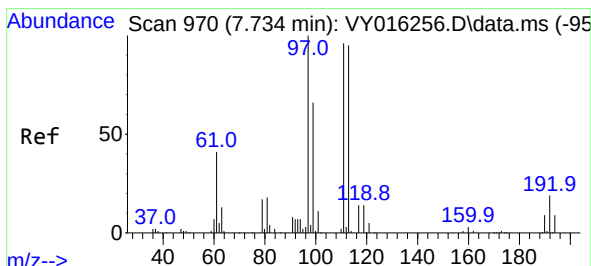
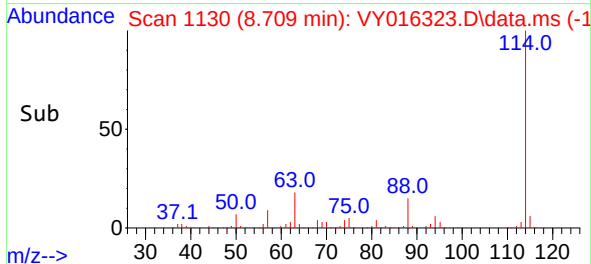
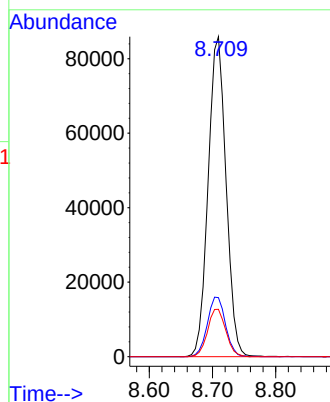
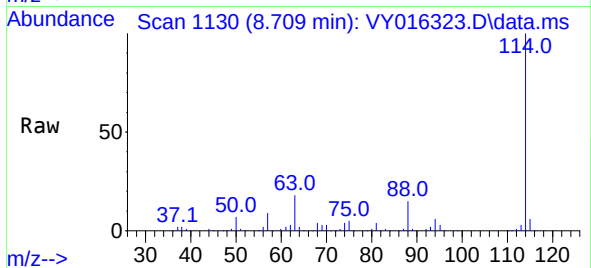




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

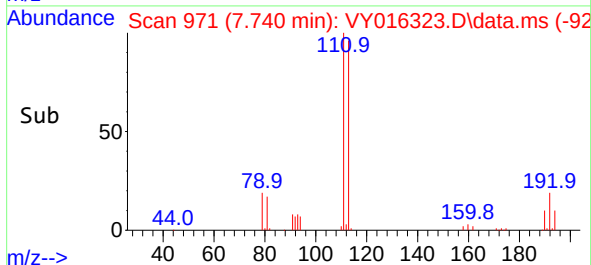
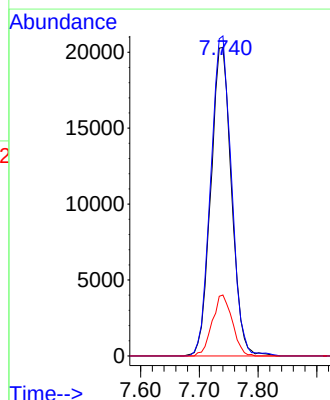
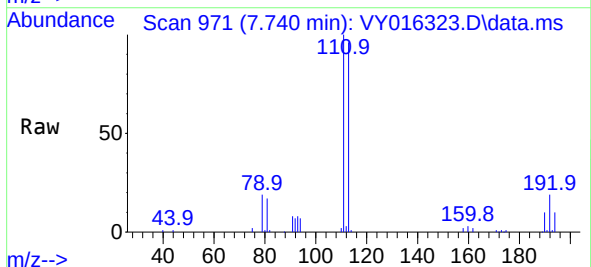
Instrument :
MSVOA_Y
ClientSampleId :

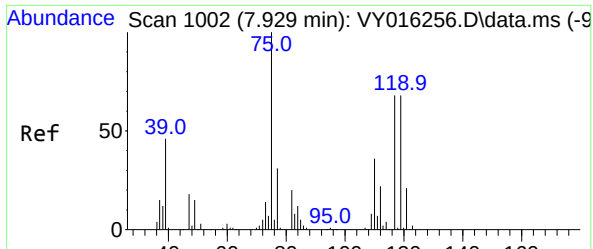
Tgt Ion:114 Resp: 168749
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.746 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

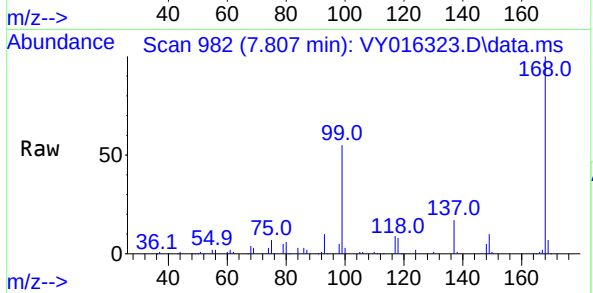
Tgt Ion:113 Resp: 49604
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 19.1 16.9 25.3



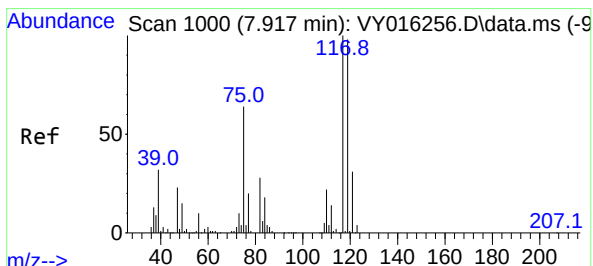
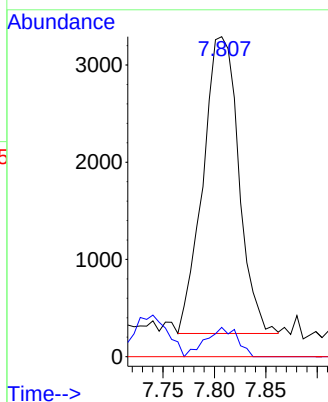
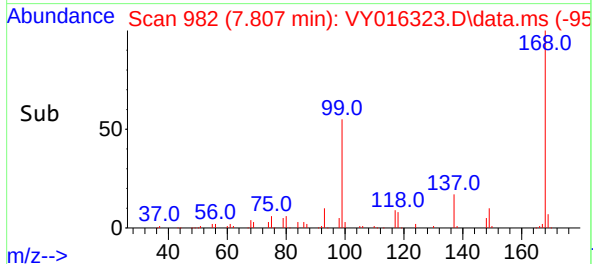


#36
1,1-Dichloropropene
Concen: 4.443 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :

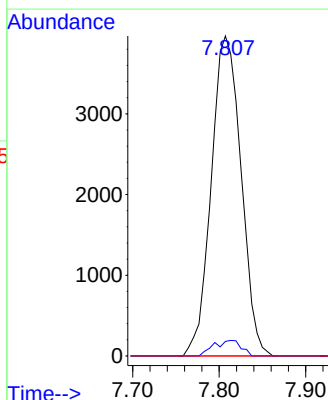
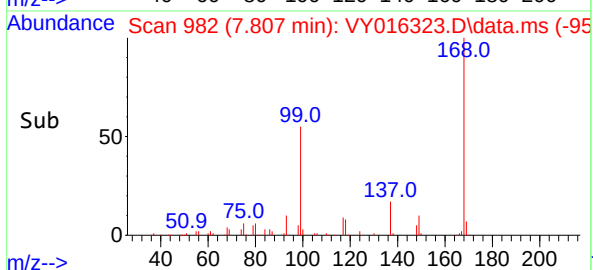
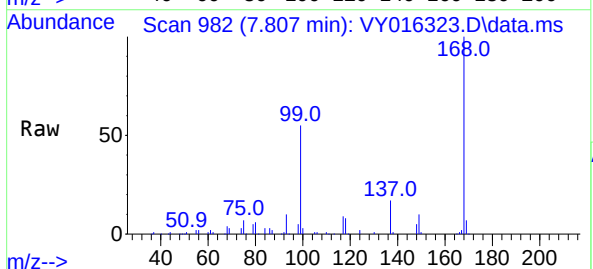


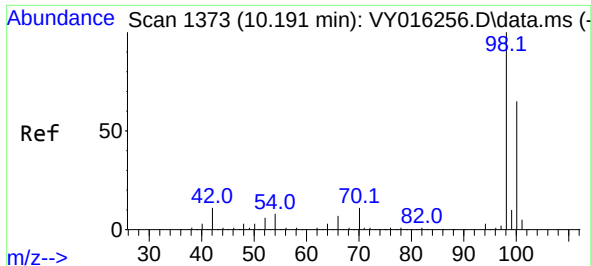
Tgt Ion: 75 Resp: 7395
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Tgt Ion: 117 Resp: 9484
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

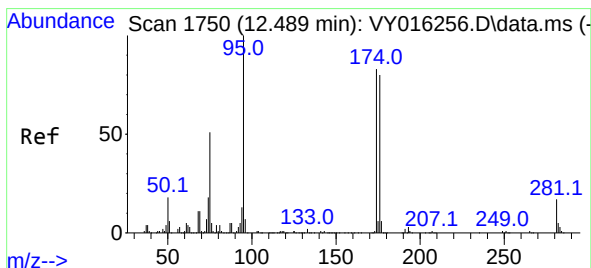
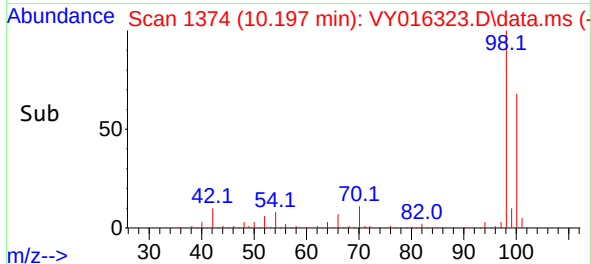
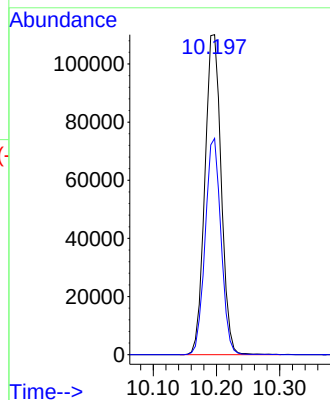
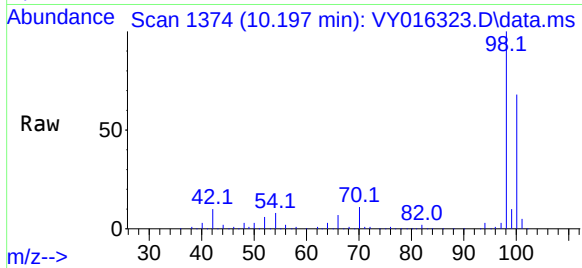




#50
Toluene-d8
Concen: 50.896 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

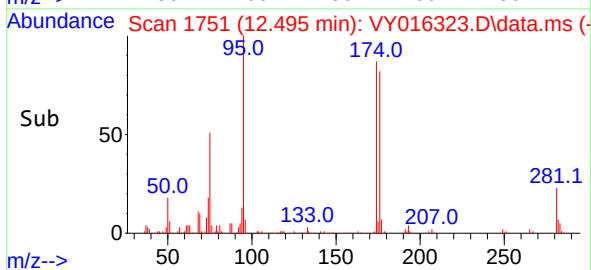
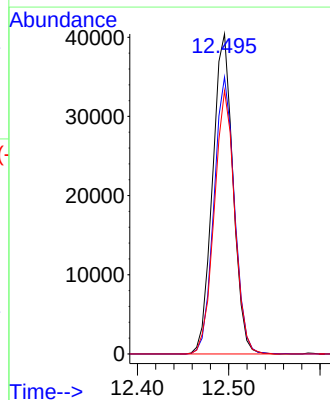
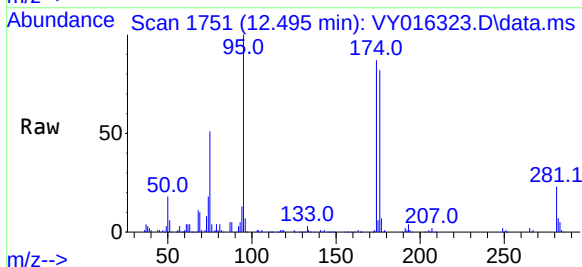
Instrument :
MSVOA_Y
ClientSampleId :

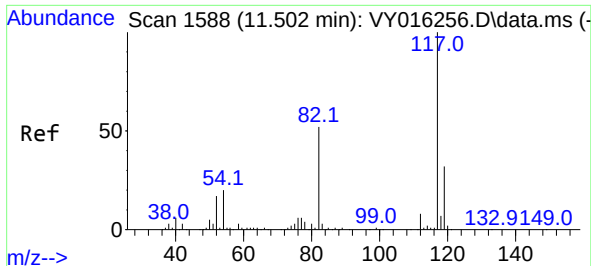
Tgt Ion: 98 Resp: 197848
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.605 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

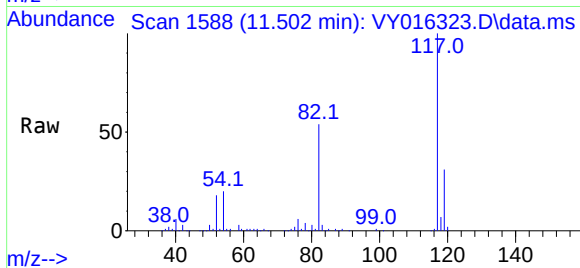
Tgt Ion: 95 Resp: 62628
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 82.2 0.0 173.8



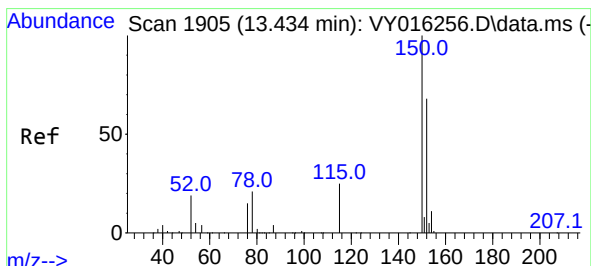
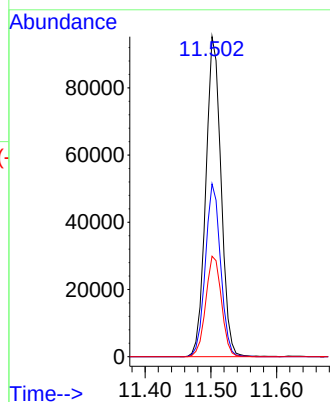
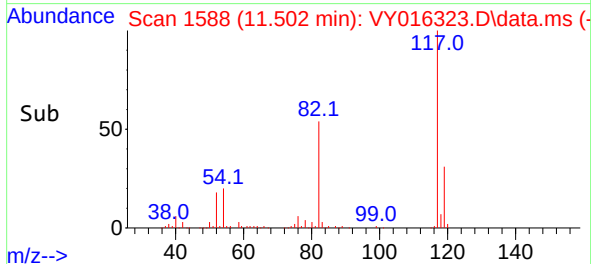


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

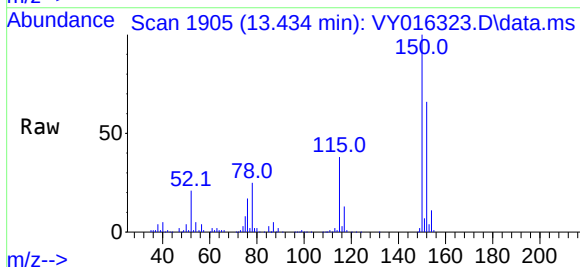
Instrument :
MSVOA_Y
ClientSampleId :



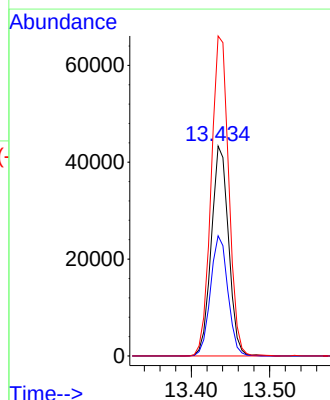
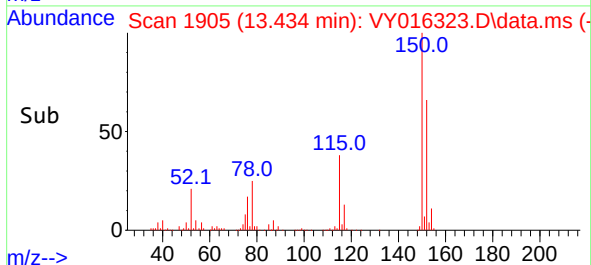
Tgt Ion:117 Resp: 153459
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.4 26.3 39.5

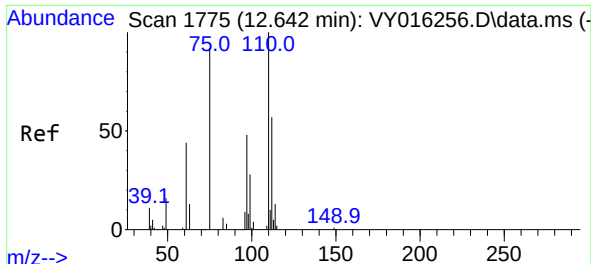


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30



Tgt Ion:152 Resp: 66202
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 155.4 0.0 348.8

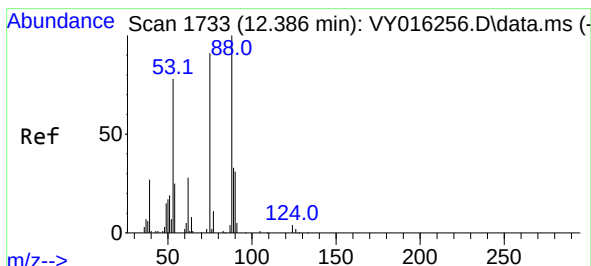
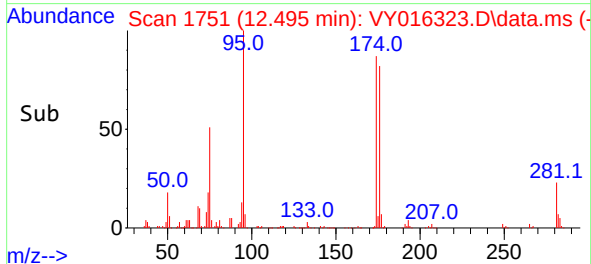
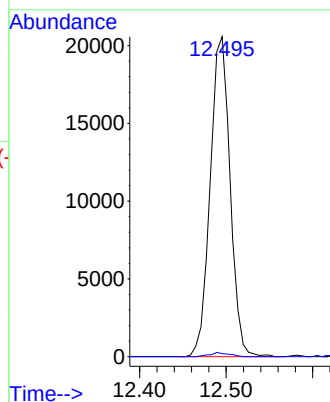
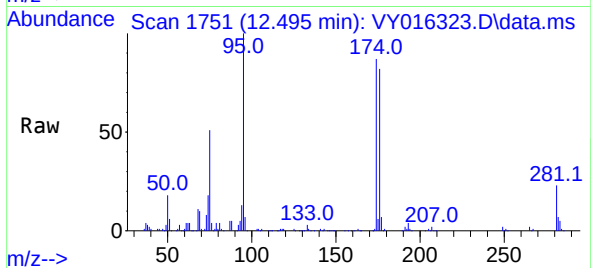




#76
1,2,3-Trichloropropane
Concen: 51.667 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32812
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.147 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016323.D
Acq: 13 Nov 2023 13:30

Tgt Ion: 75 Resp: 32812
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

