

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016324.D
 Acq On : 13 Nov 2023 13:54
 Operator : SY/MD
 Sample : 05379-07 RE
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:38:03 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)

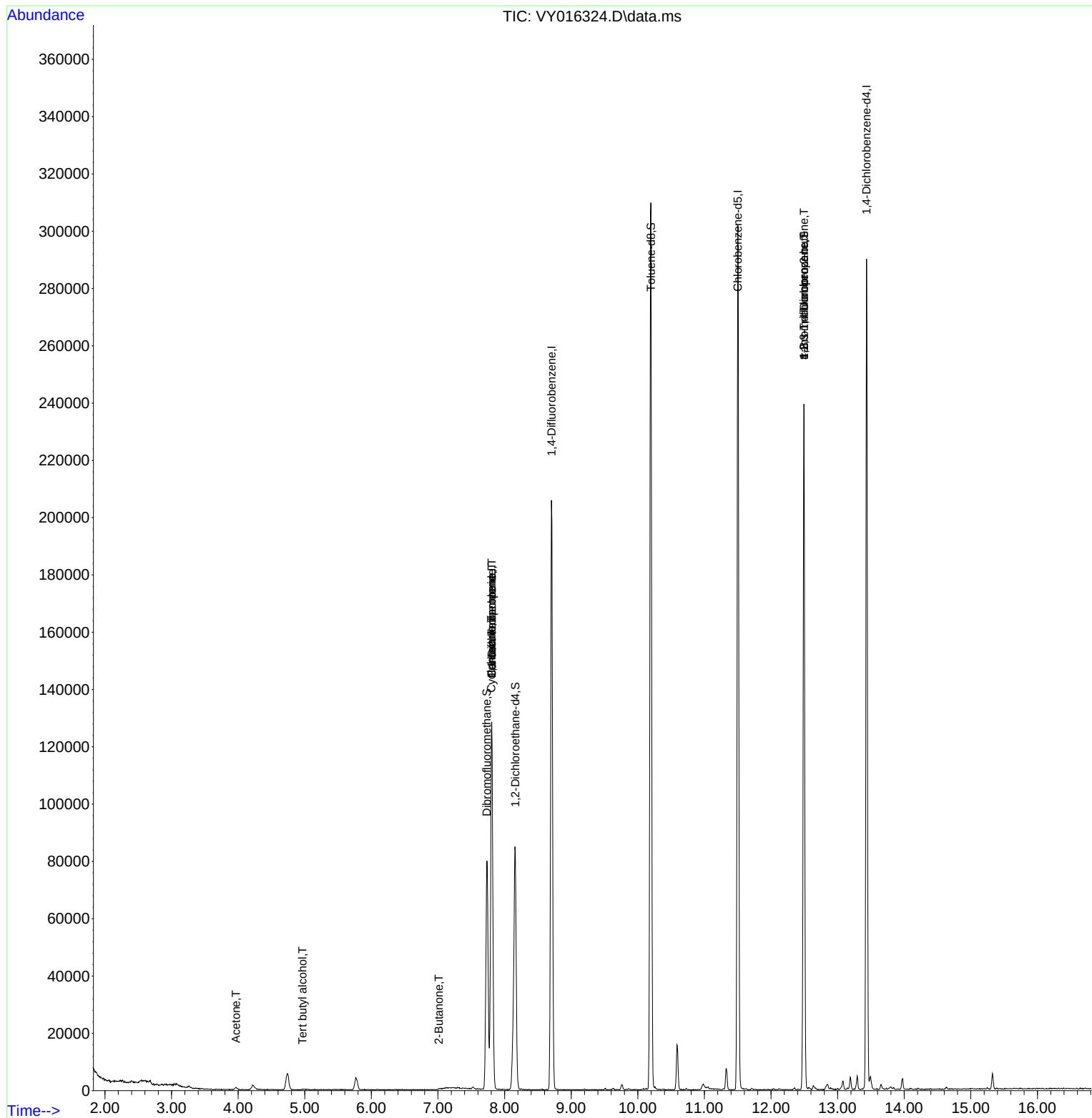
Internal Standards						
1) Pentafluorobenzene	7.807	168	101154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	181807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61445	66.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.920%	
35) Dibromofluoromethane	7.734	113	57630	55.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.600%	
50) Toluene-d8	10.197	98	211466	50.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.495	95	71113	52.280	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	402	5.553	ug/l #	89
16) Acetone	3.967	43	1274	8.331	ug/l #	78
25) 2-Butanone	7.015	43	413	1.542	ug/l #	49
31) Cyclohexane	7.801	56	1891	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7756	4.325	ug/l #	51
38) Carbon Tetrachloride	7.807	117	10027	5.387	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	37011	51.161	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37011	111.048	ug/l #	11

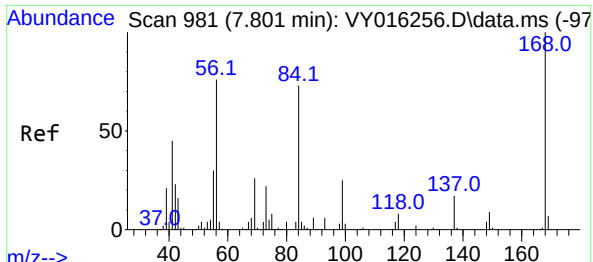
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016324.D
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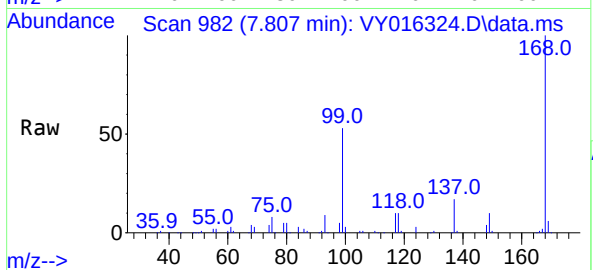
Quant Time: Nov 14 04:38:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



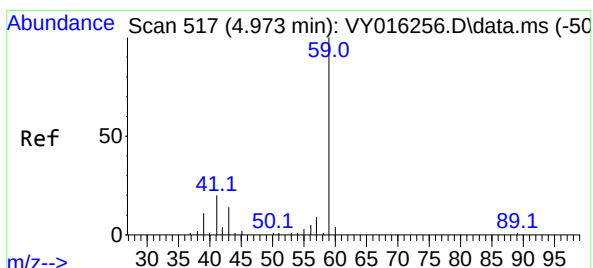
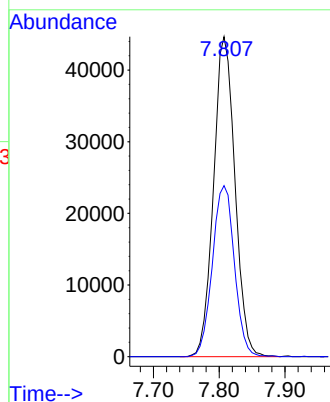
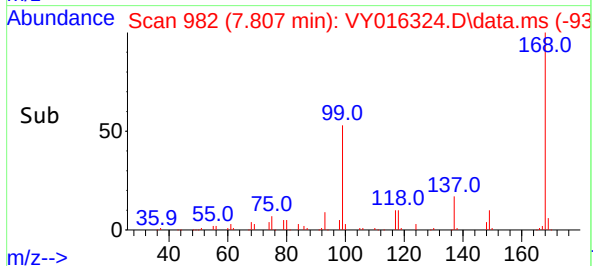


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

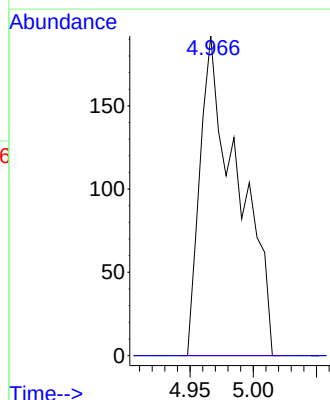
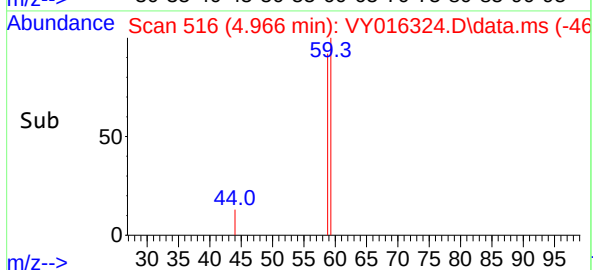
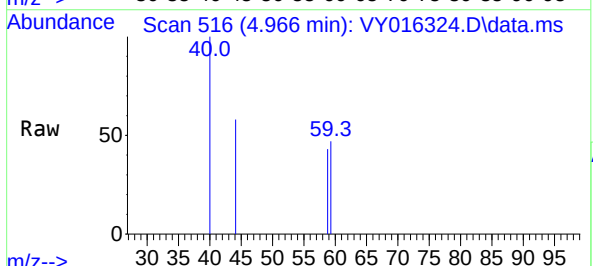


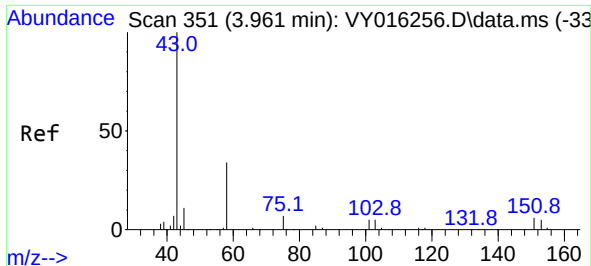
Tgt Ion:168 Resp: 101154
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.553 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

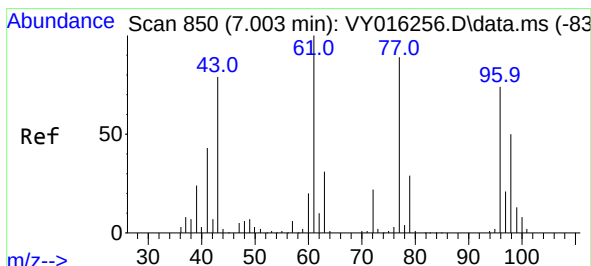
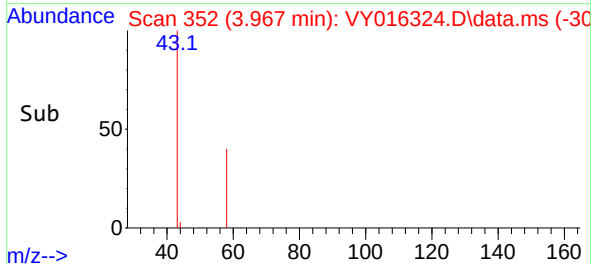
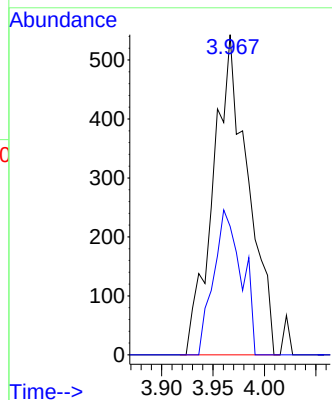
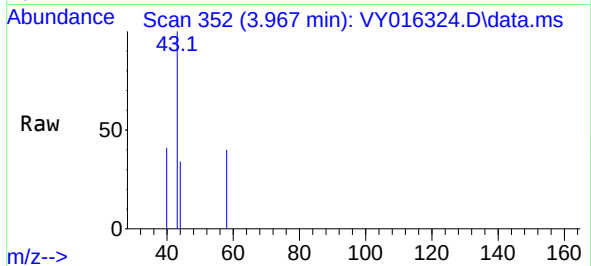




#16
Acetone
Concen: 8.331 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

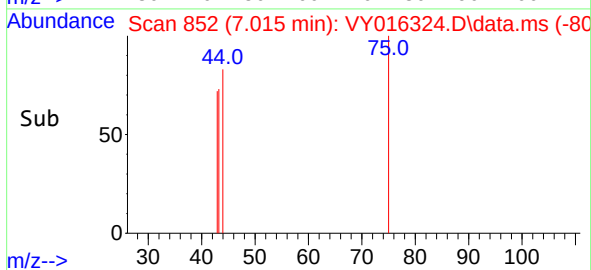
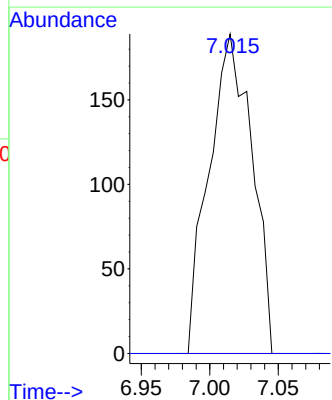
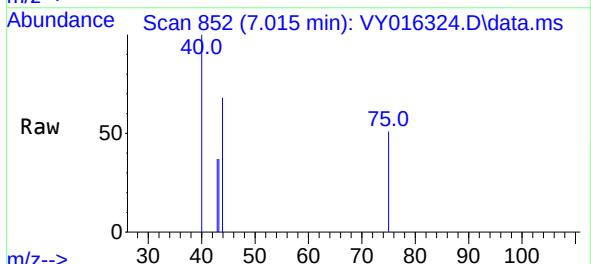
Instrument :
MSVOA_Y
ClientSampleId :

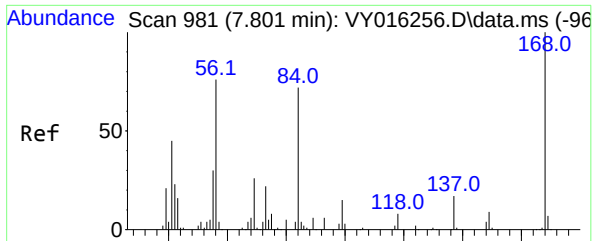
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 40.1 22.7 34.1#



#25
2-Butanone
Concen: 1.542 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

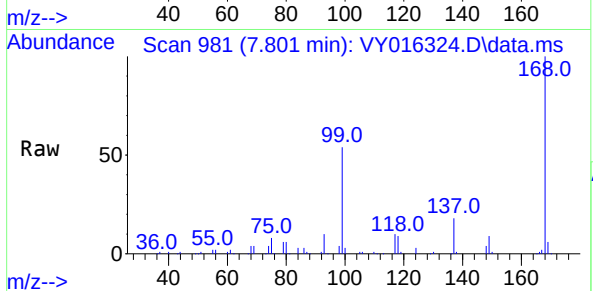
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



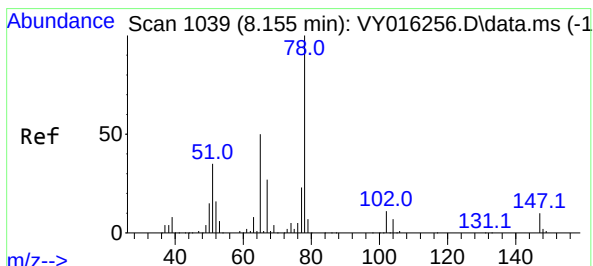
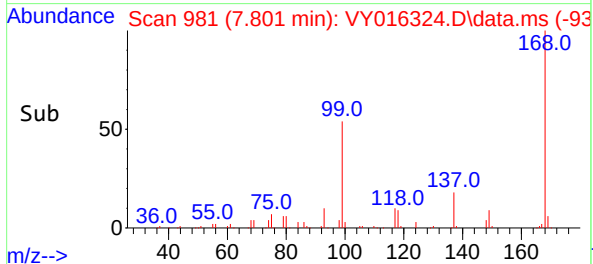
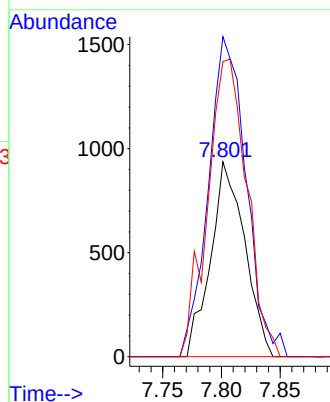


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

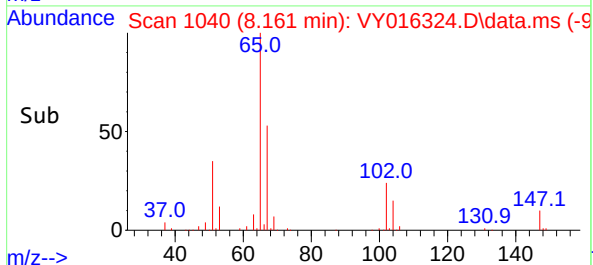
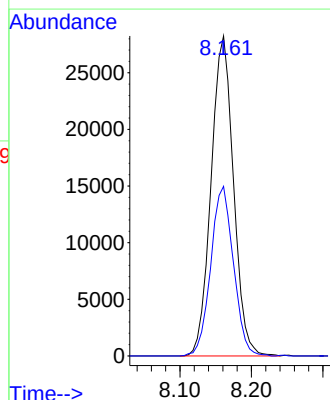
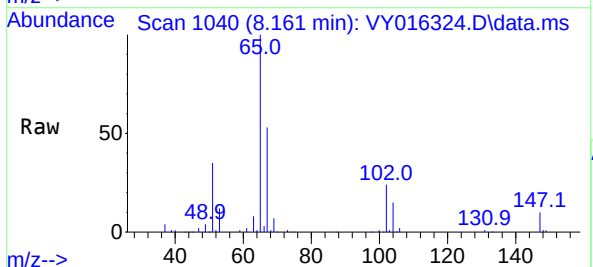


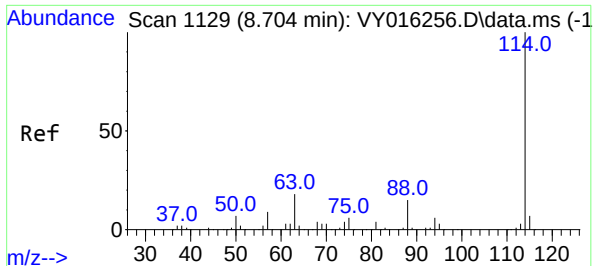
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 164.1 27.8 41.6#
84 151.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.462 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Tgt Ion: 65 Resp: 61445
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8

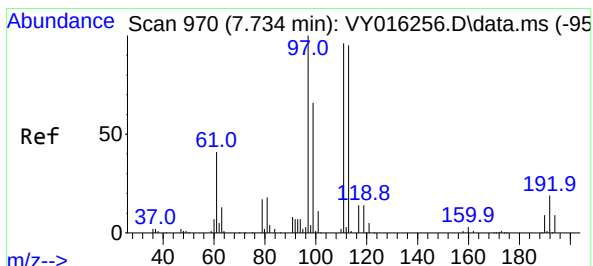
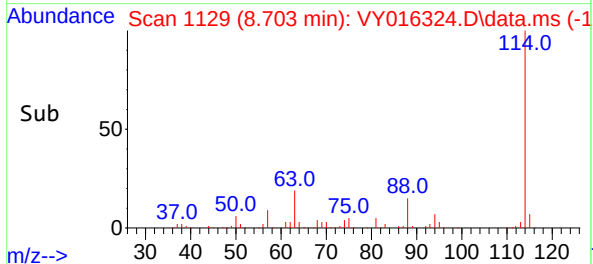
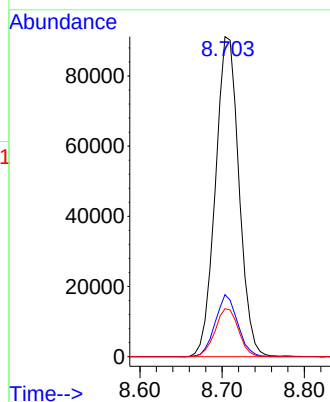
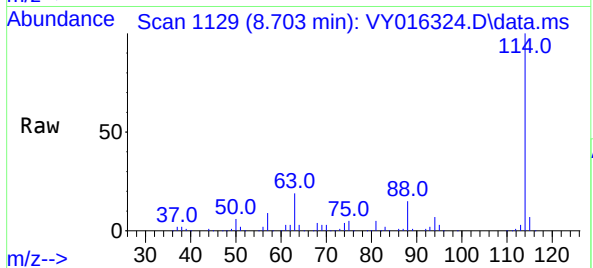




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

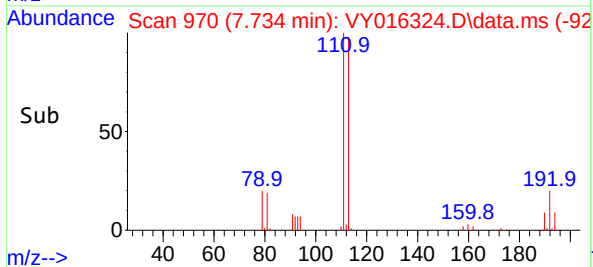
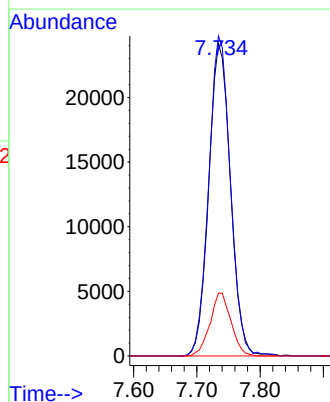
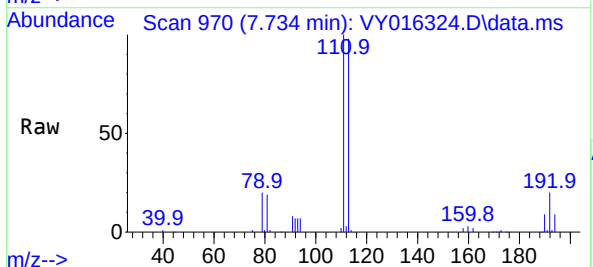
Instrument :
MSVOA_Y
ClientSampleId :

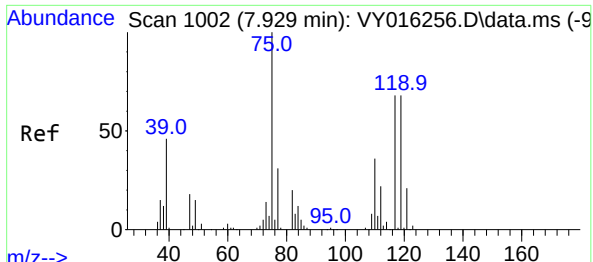
Tgt Ion:114 Resp: 181807
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.801 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Tgt Ion:113 Resp: 57630
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.325 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

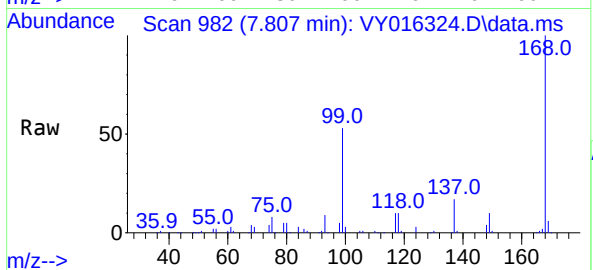
Lab File: VY016324.D

Acq: 13 Nov 2023 13:54

Instrument :

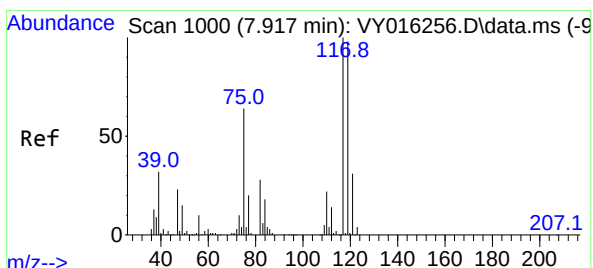
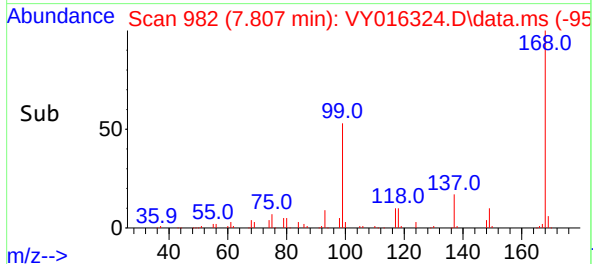
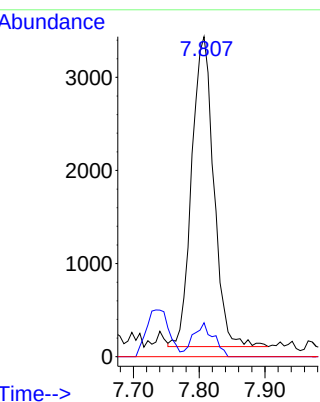
MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 7756

Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.8	53.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.387 ug/l

RT: 7.807 min Scan# 982

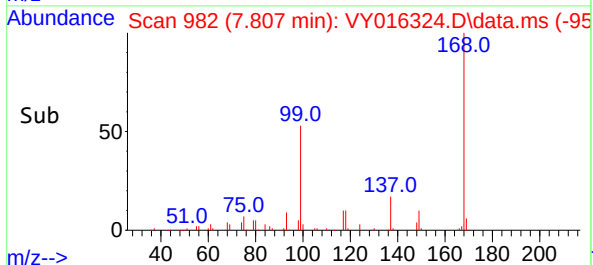
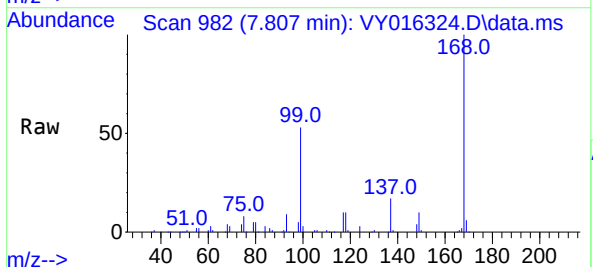
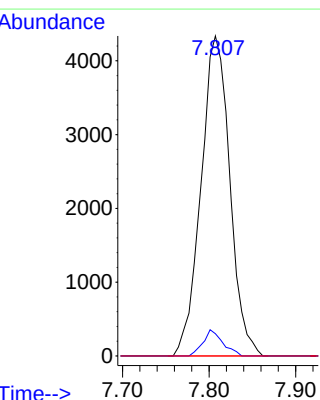
Delta R.T. -0.110 min

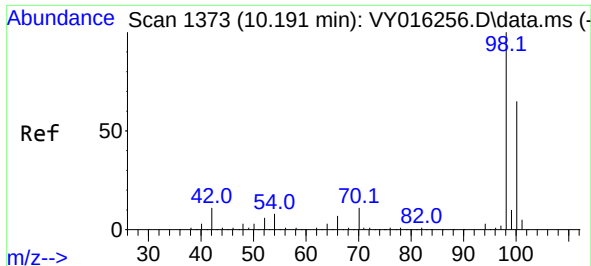
Lab File: VY016324.D

Acq: 13 Nov 2023 13:54

Tgt Ion: 117 Resp: 10027

Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.4	114.6#
121	0.0	25.8	38.6#

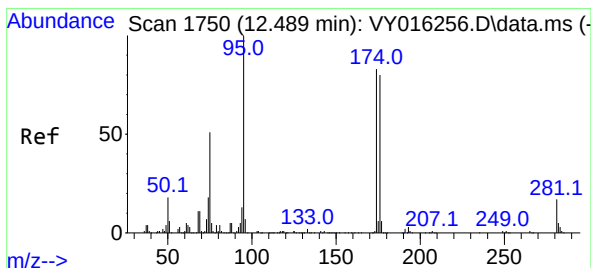
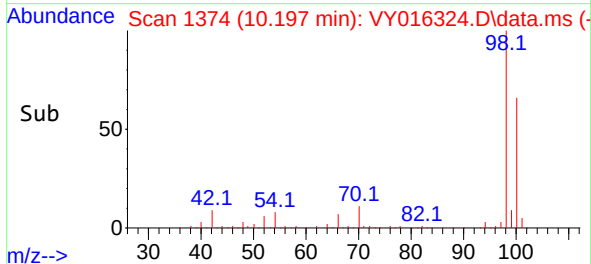
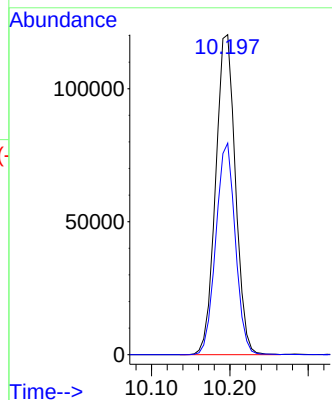
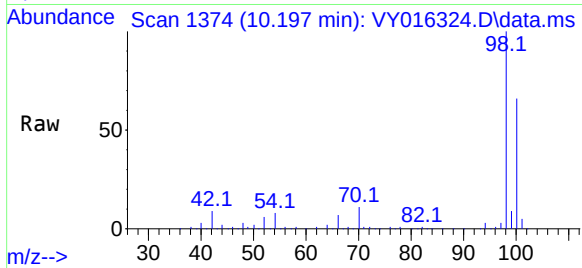




#50
Toluene-d8
Concen: 50.492 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

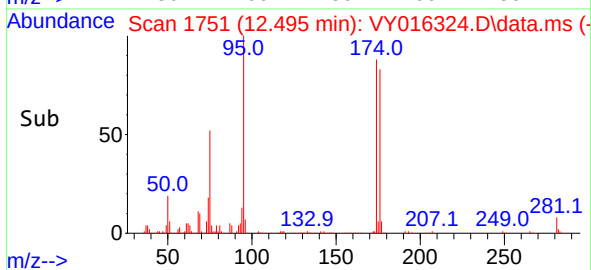
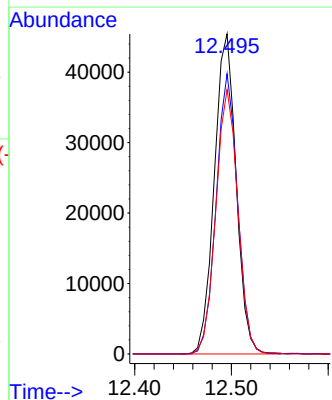
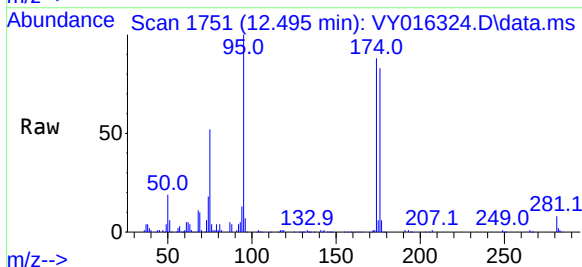
Instrument :
MSVOA_Y
ClientSampleId :

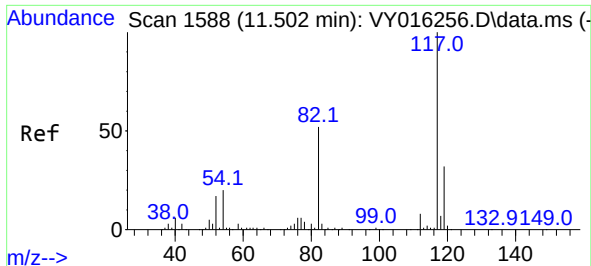
Tgt Ion: 98 Resp: 211466
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.280 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

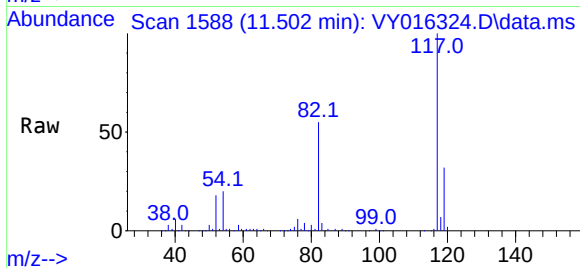
Tgt Ion: 95 Resp: 71113
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.2 0.0 173.8



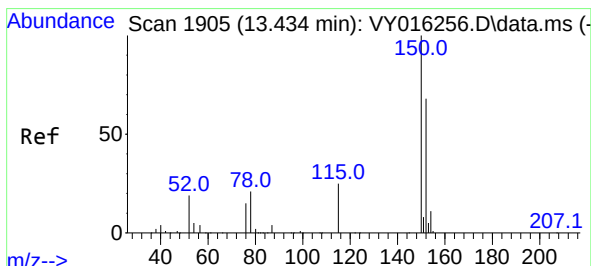
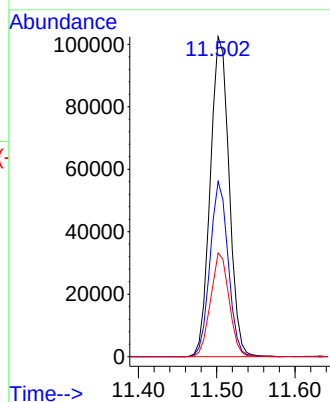
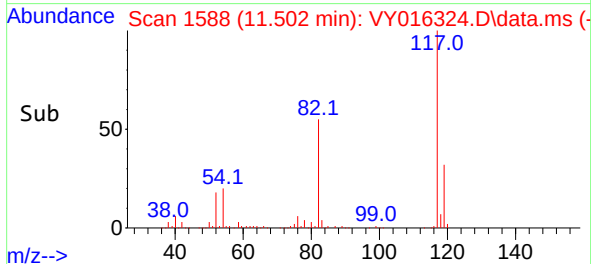


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

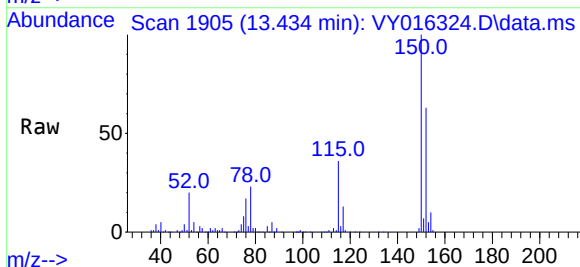
Instrument :
MSVOA_Y
ClientSampleId :



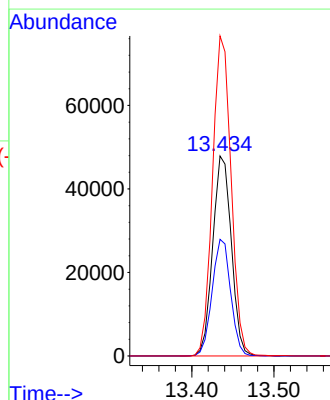
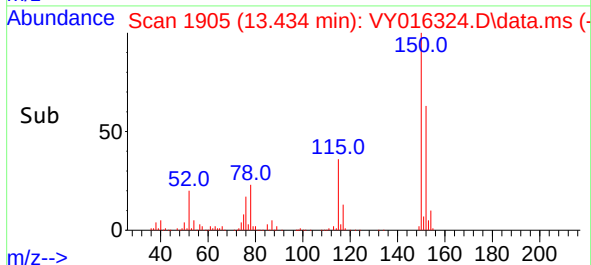
Tgt Ion:117 Resp: 170918
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.4 26.3 39.5

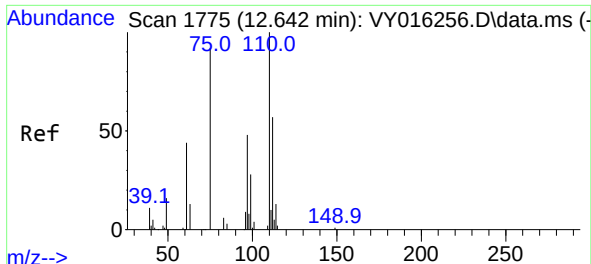


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54



Tgt Ion:152 Resp: 75413
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 159.7 0.0 348.8

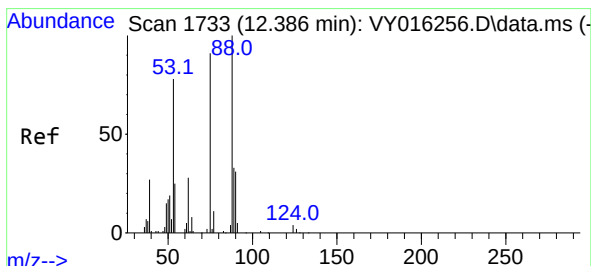
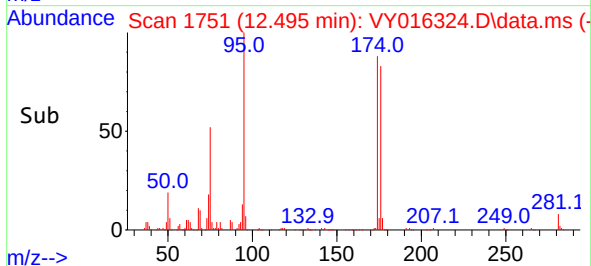
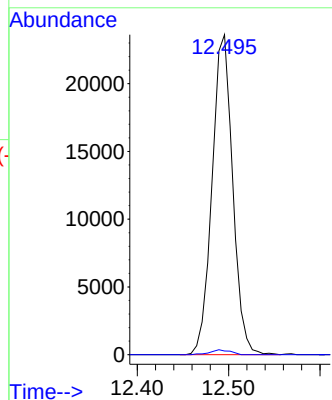
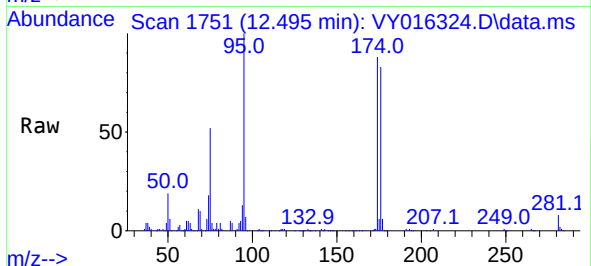




#76
1,2,3-Trichloropropane
Concen: 51.161 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37011
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.048 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016324.D
Acq: 13 Nov 2023 13:54

Tgt Ion: 75 Resp: 37011
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

