

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016348.D
 Acq On : 14 Nov 2023 14:55
 Operator : SY/MD
 Sample : 05385-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 15 05:28:46 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)

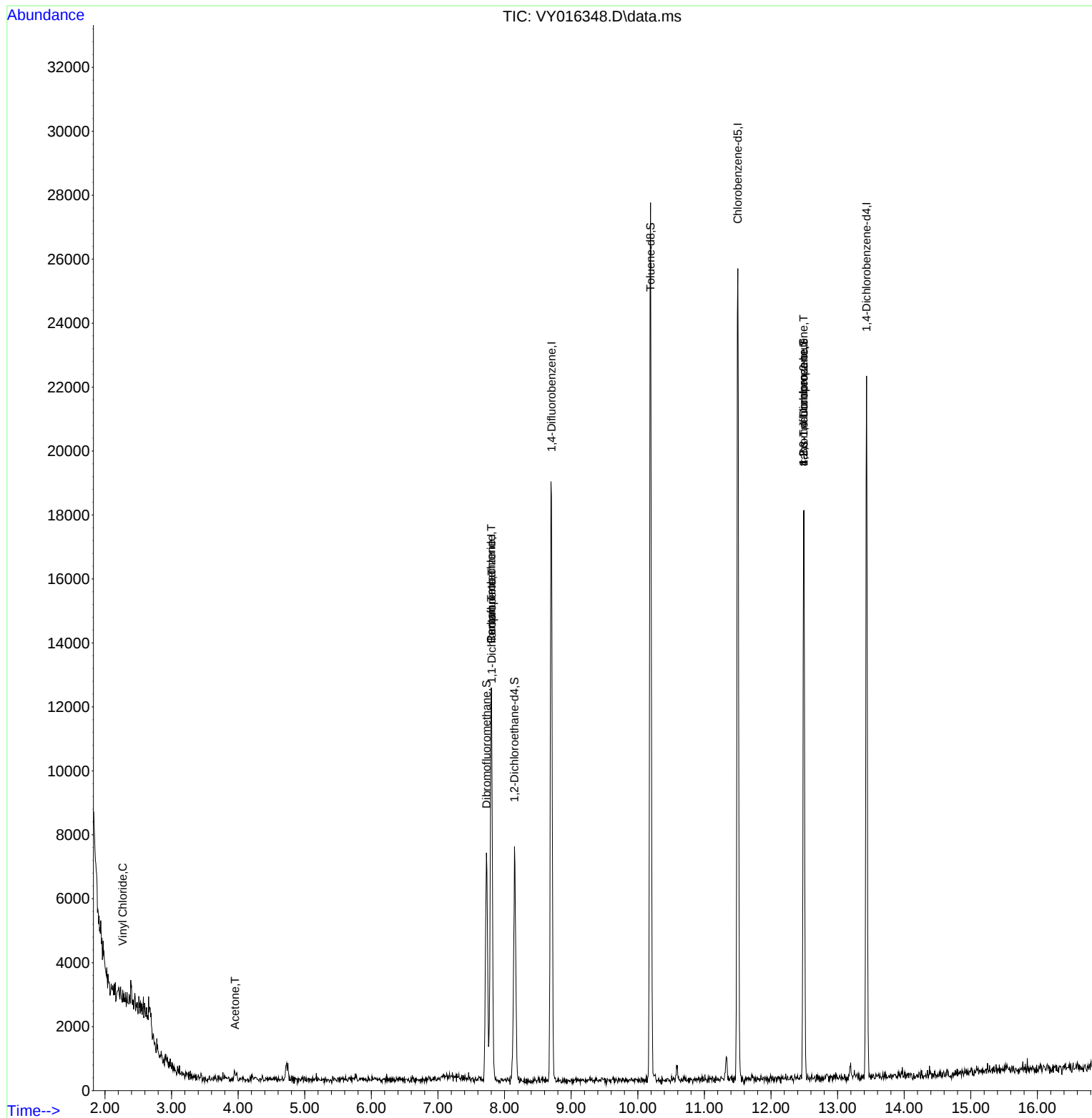
Internal Standards						
1) Pentafluorobenzene	7.801	168	10389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	16629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	15139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5586	58.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.660%	
35) Dibromofluoromethane	7.728	113	5335	56.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.960%	
50) Toluene-d8	10.191	98	18851	49.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.489	95	5380	43.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.480%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.266	62	147	1.147	ug/l #	44
16) Acetone	3.954	43	344	21.902	ug/l #	71
20) Methylene Chloride	4.729	84	249	Below Cal	#	76
36) 1,1-Dichloropropene	7.807	75	843	5.139	ug/l #	41
38) Carbon Tetrachloride	7.801	117	888	5.216	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	3059	53.112	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3059	115.283	ug/l #	10

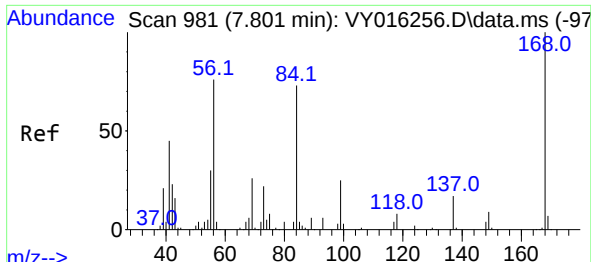
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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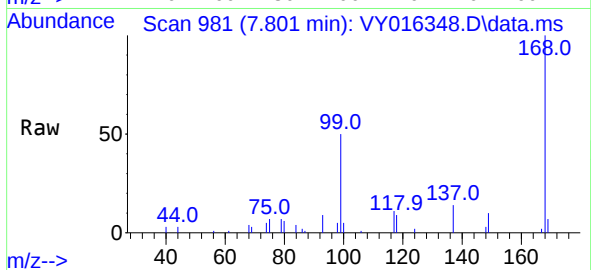
Quant Time: Nov 15 05:28:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



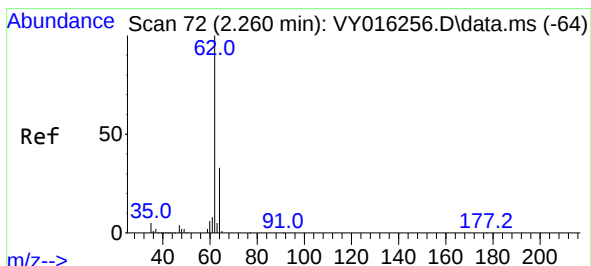
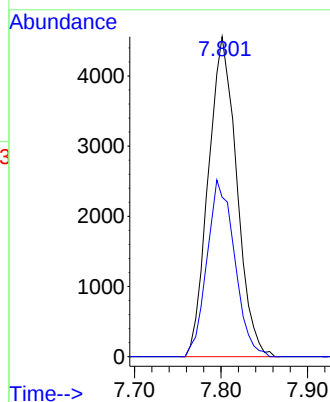
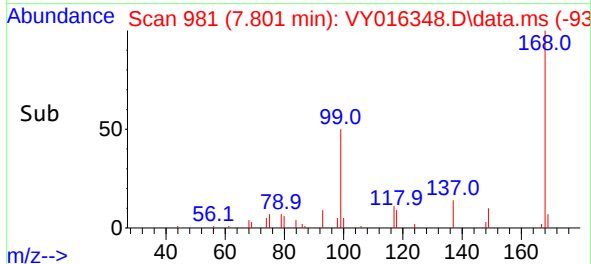


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

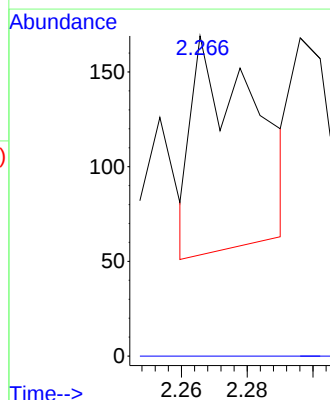
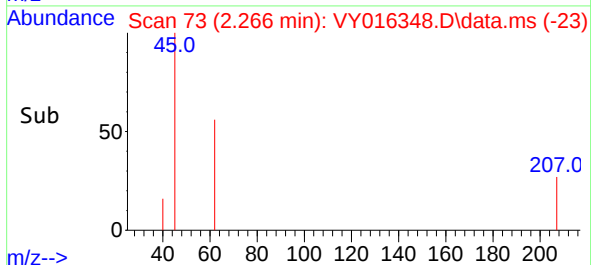
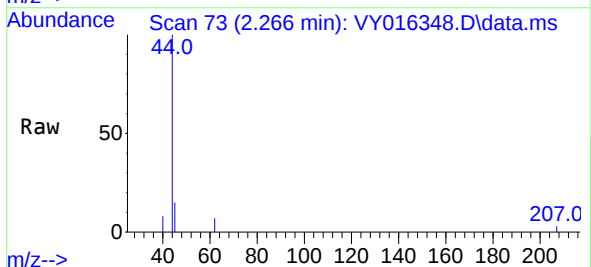


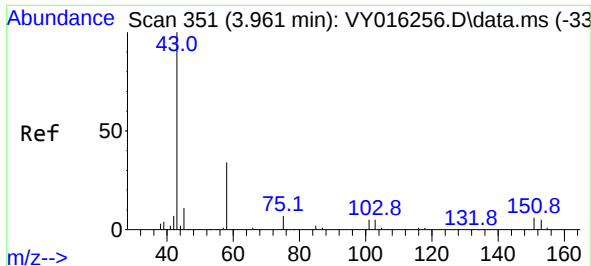
Tgt Ion:168 Resp: 10389
Ion Ratio Lower Upper
168 100
99 49.9 43.4 65.0



#4
Vinyl Chloride
Concen: 1.147 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Tgt Ion: 62 Resp: 147
Ion Ratio Lower Upper
62 100
64 0.0 24.3 36.5#

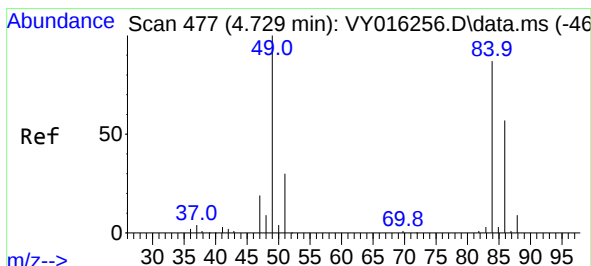
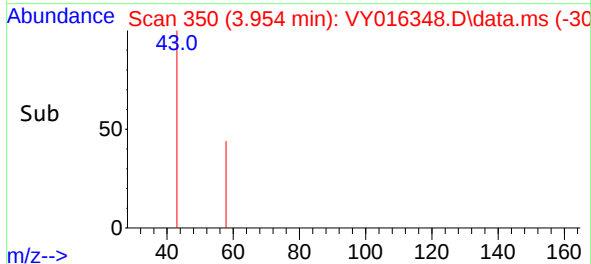
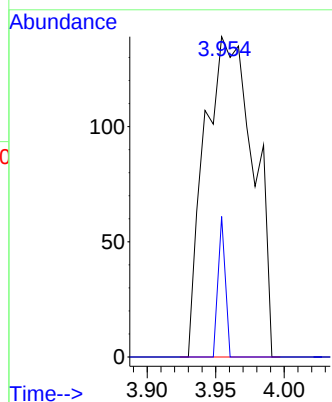
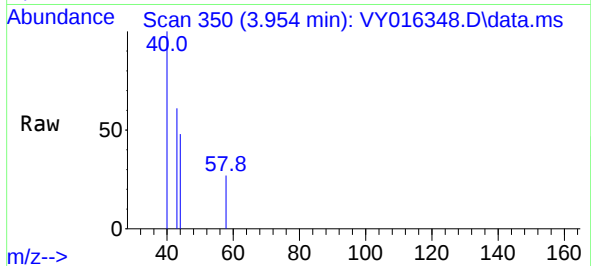




#16
Acetone
Concen: 21.902 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

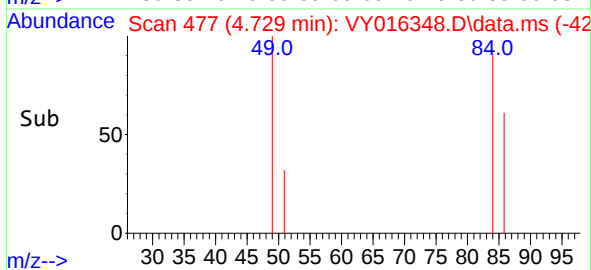
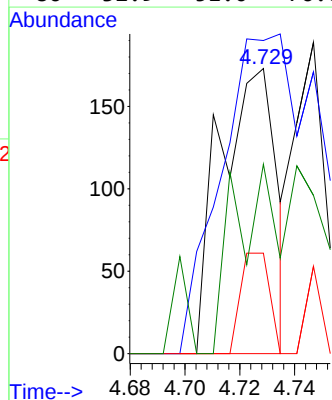
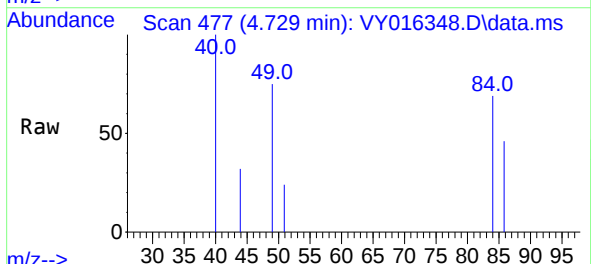
Instrument :
MSVOA_Y
ClientSampleId :

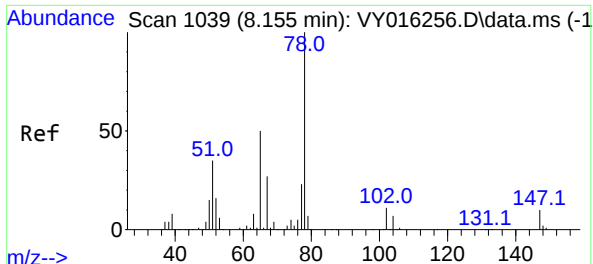
Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
58 43.9 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Tgt Ion: 84 Resp: 249
Ion Ratio Lower Upper
84 100
49 109.8 106.9 160.3
51 35.3 33.2 49.8
86 32.9 51.0 76.6#

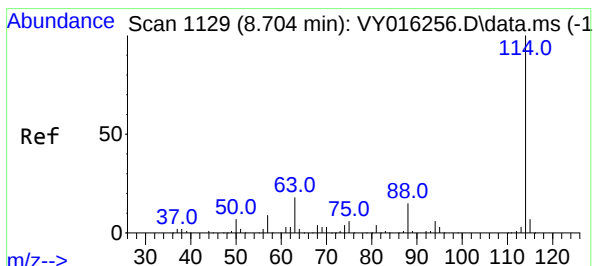
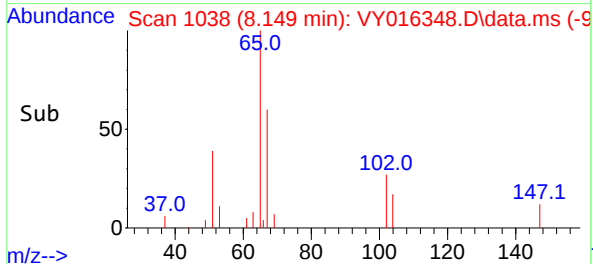
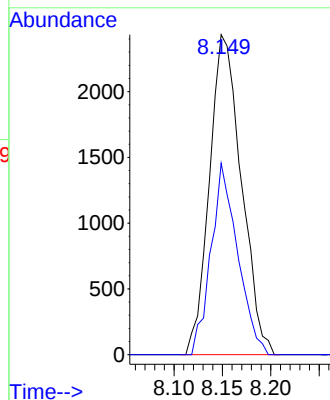
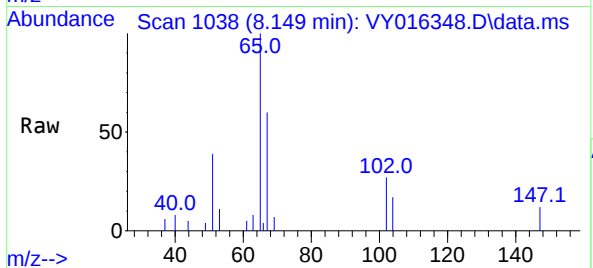




#33
1,2-Dichloroethane-d4
Concen: 58.830 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

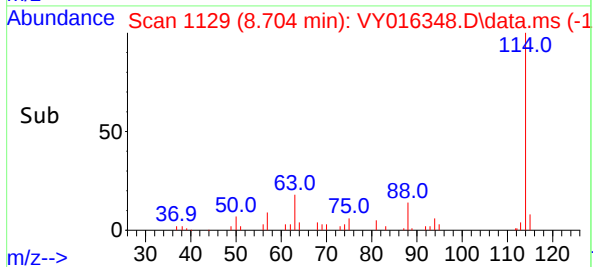
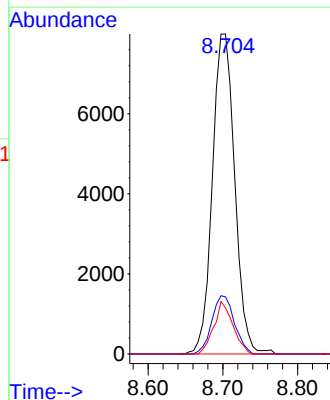
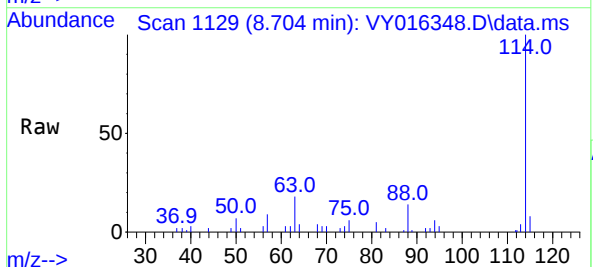
Instrument :
MSVOA_Y
ClientSampleId :

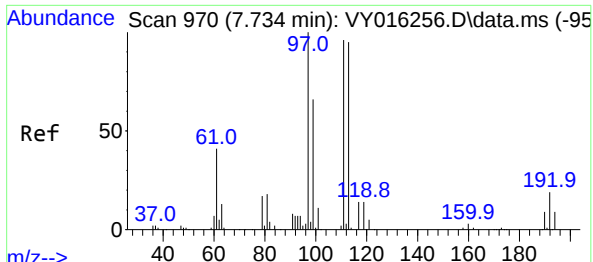
Tgt Ion: 65 Resp: 5586
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

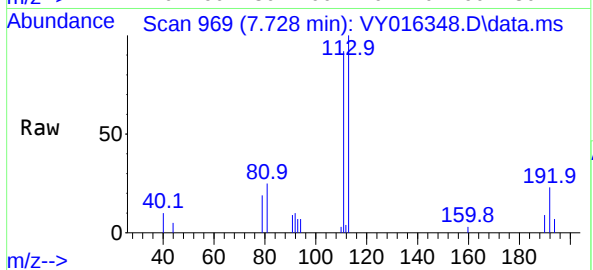
Tgt Ion: 114 Resp: 16629
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.4 0.0 30.6



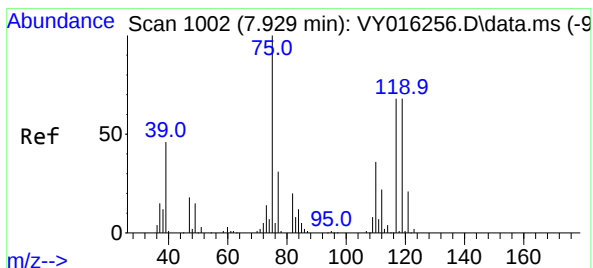
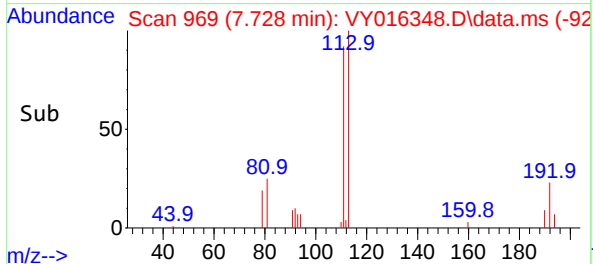
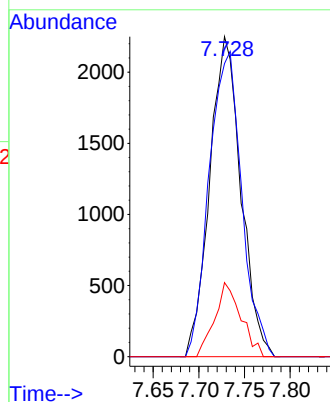


#35
Dibromofluoromethane
Concen: 56.477 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

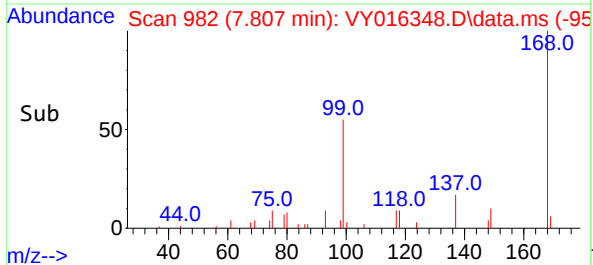
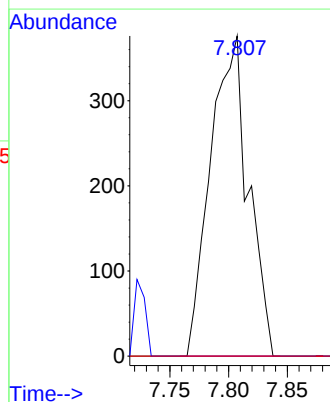
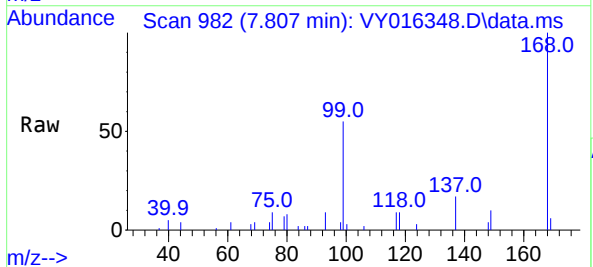


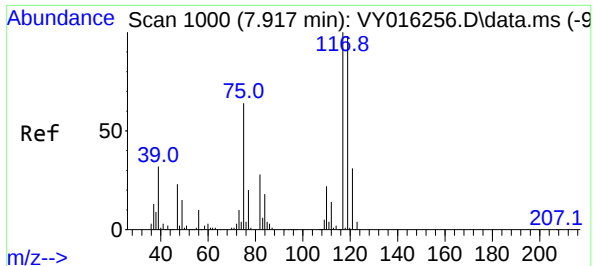
Tgt Ion:113 Resp: 5335
Ion Ratio Lower Upper
113 100
111 99.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.139 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

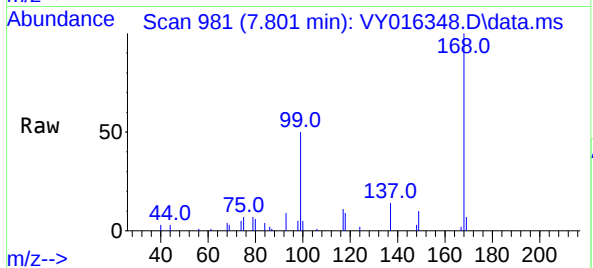
Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



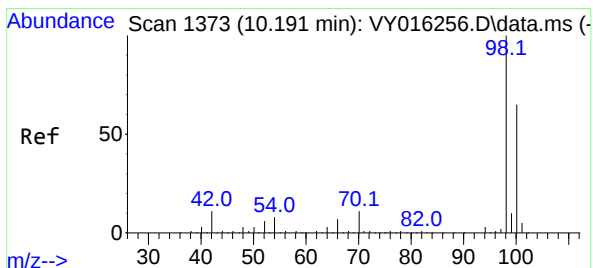
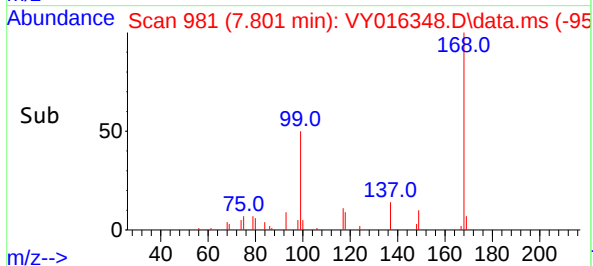
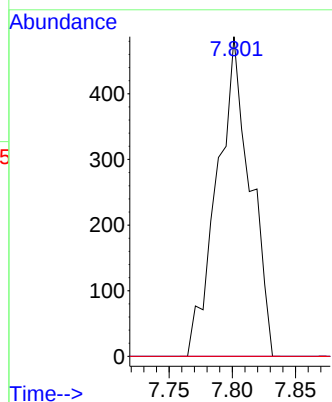


#38
Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

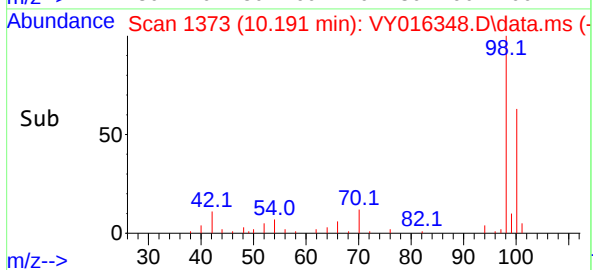
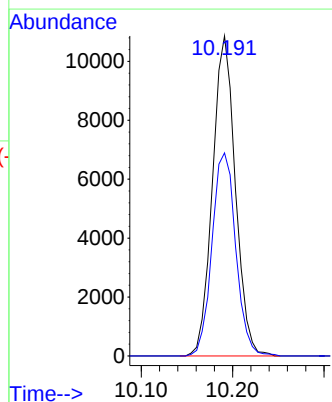
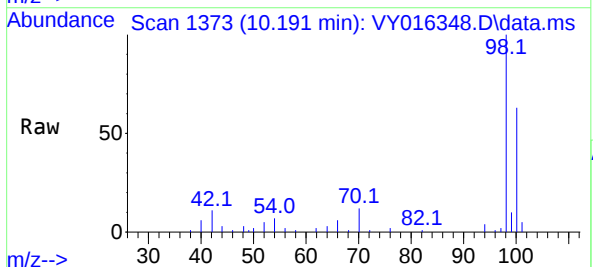


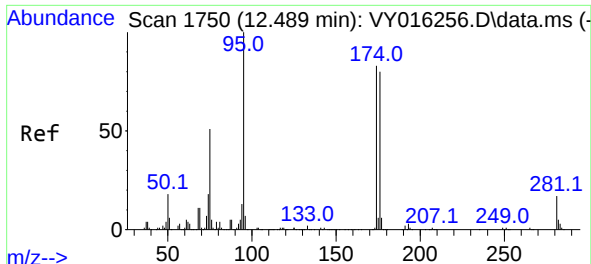
Tgt Ion:117 Resp: 888
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Tgt Ion: 98 Resp: 18851
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

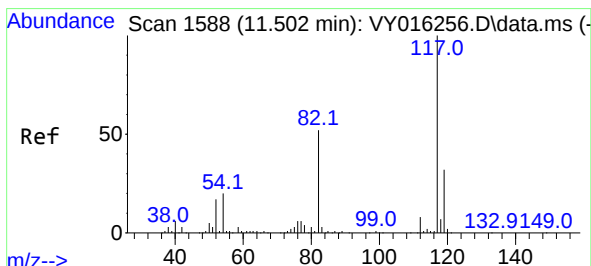
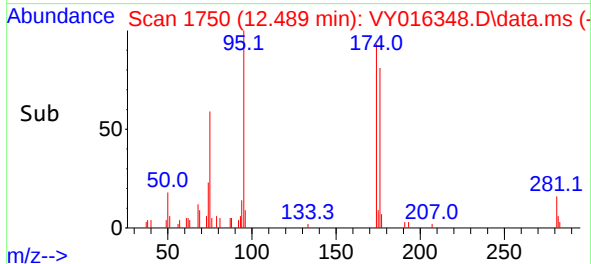
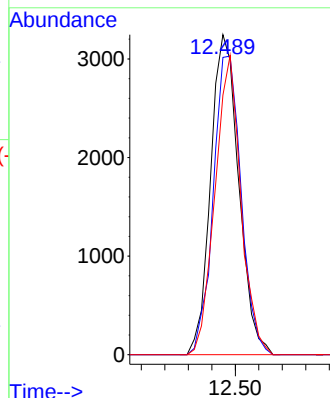
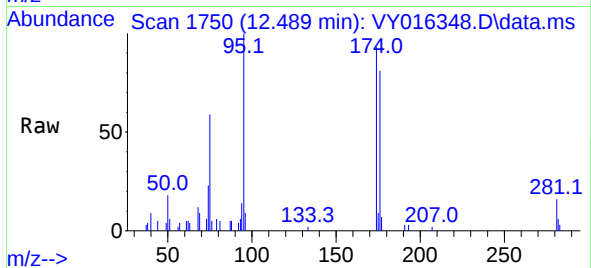




#62
4-Bromofluorobenzene
Concen: 43.242 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

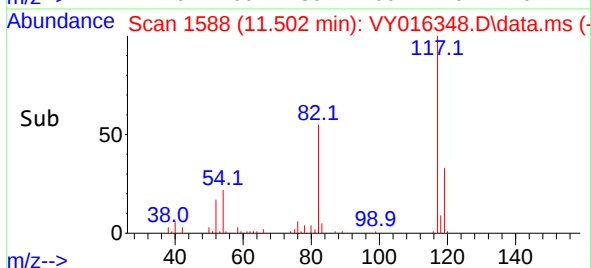
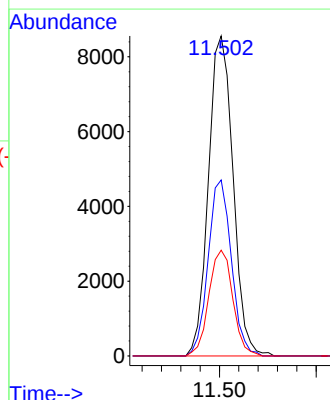
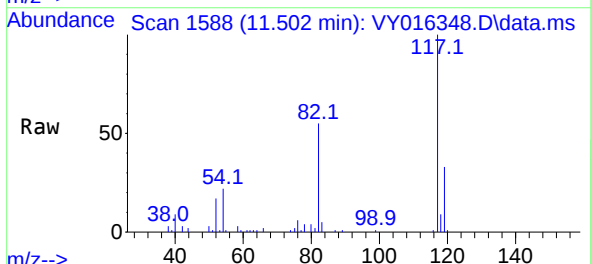
Instrument :
MSVOA_Y
ClientSampleId :

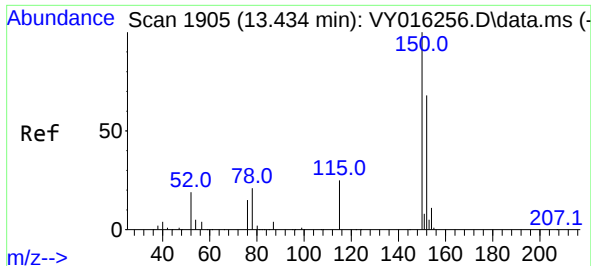
Tgt Ion:	95	Resp:	5380
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	178.2
176	86.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

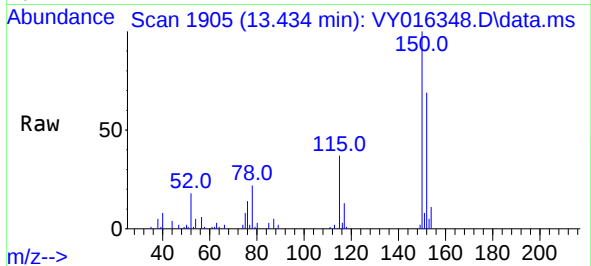
Tgt Ion:	117	Resp:	15139
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.4	65.0
119	33.0	26.3	39.5



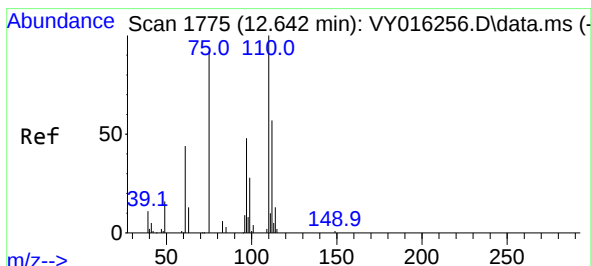
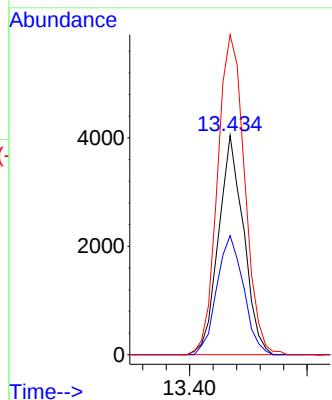
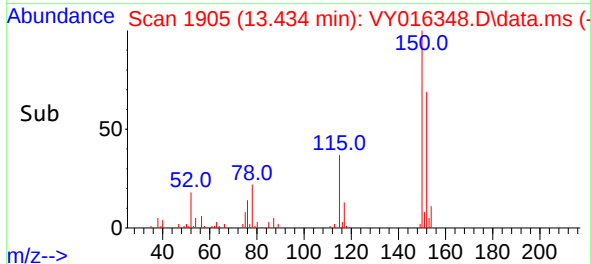


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

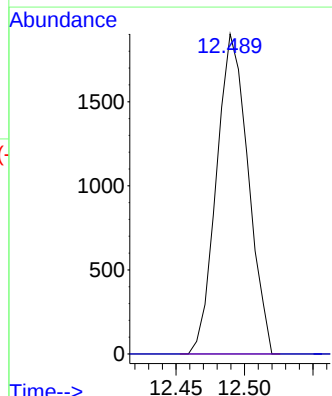
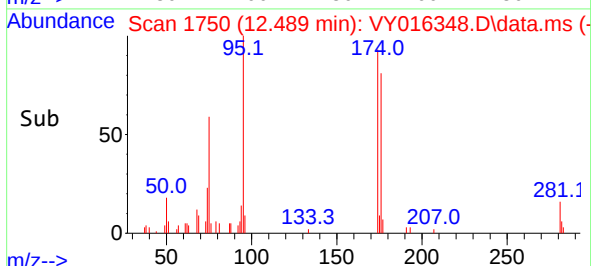
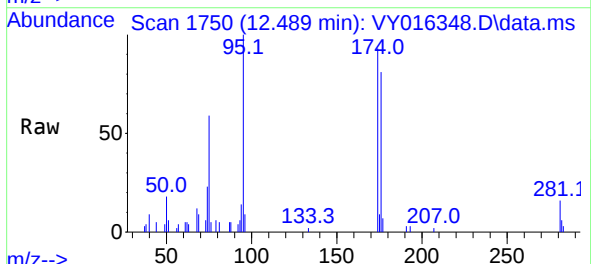


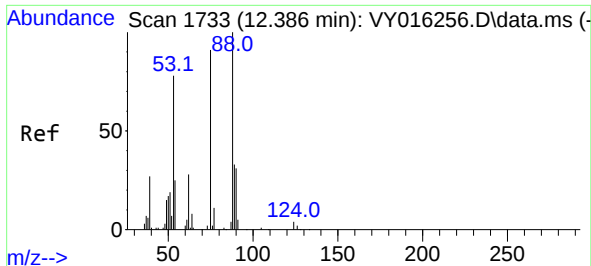
Tgt Ion:152 Resp: 6004
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 158.1 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 53.112 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016348.D
Acq: 14 Nov 2023 14:55

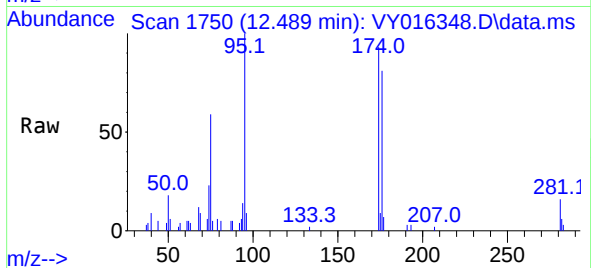
Tgt Ion: 75 Resp: 3059
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.283 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016348.D
 Acq: 14 Nov 2023 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 3059
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

