

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016341.D
 Acq On : 14 Nov 2023 12:11
 Operator : SY/MD
 Sample : 05385-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 19:02:03 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)

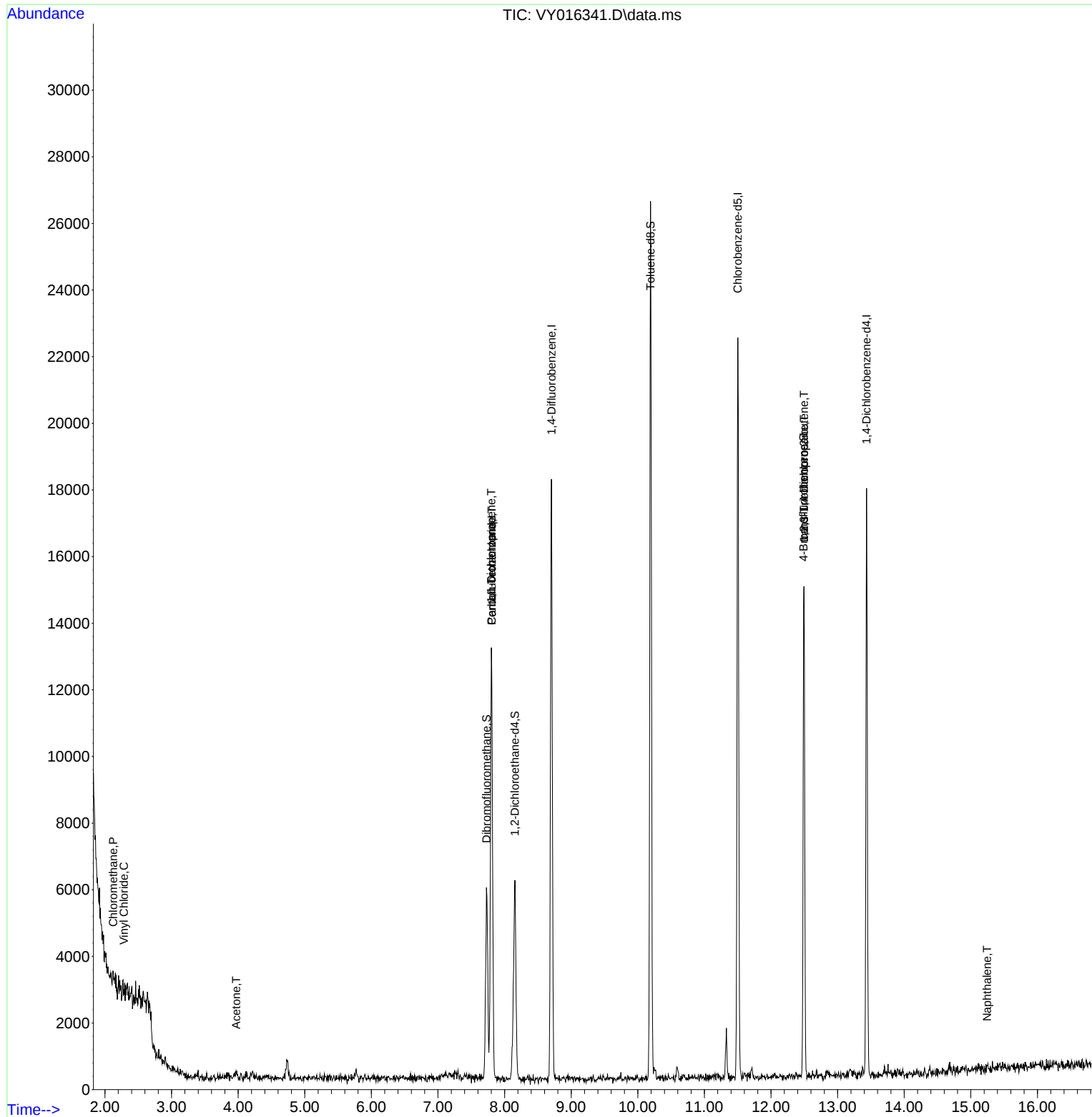
Internal Standards						
1) Pentafluorobenzene	7.807	168	10409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	15989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	12893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	4851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4454	46.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.728	113	4183	46.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.100%
50) Toluene-d8	10.191	98	18142	49.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.489	95	4741	39.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	168	1.407	ug/l #	43
4) Vinyl Chloride	2.284	62	157	1.223	ug/l #	44
16) Acetone	3.973	43	166	10.549	ug/l #	46
36) 1,1-Dichloropropene	7.801	75	996	6.315	ug/l #	41
38) Carbon Tetrachloride	7.807	117	1124	6.867	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	2471	53.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	2471	115.257	ug/l #	10
95) Naphthalene	15.245	128	215	1.407	ug/l #	69

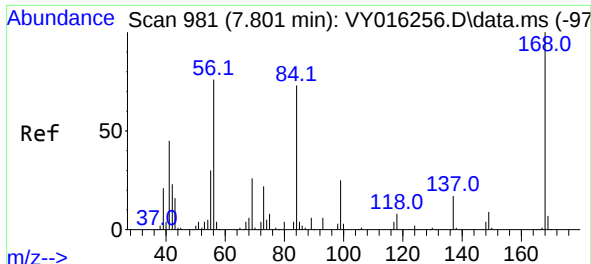
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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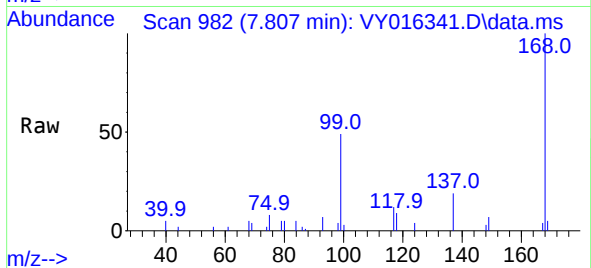
Quant Time: Nov 14 19:02:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



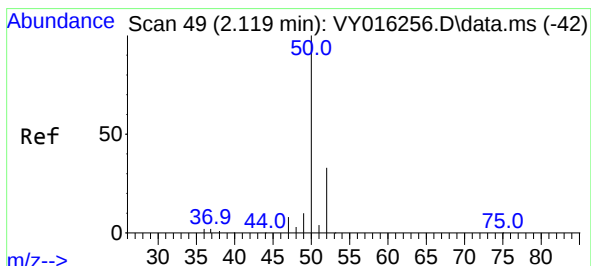
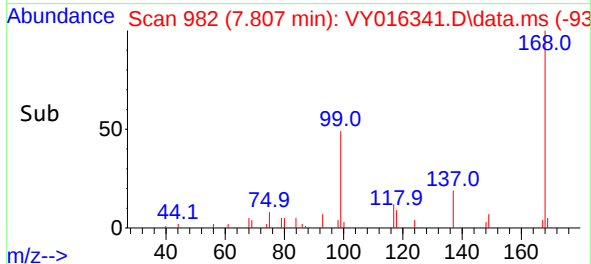
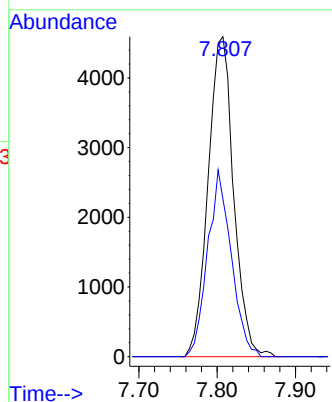


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :

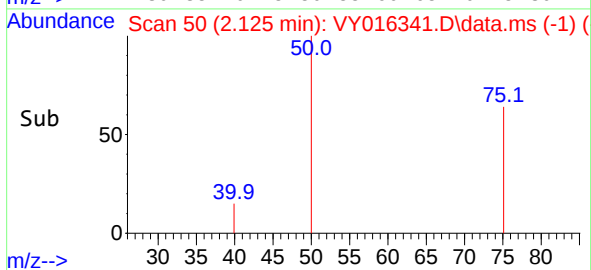
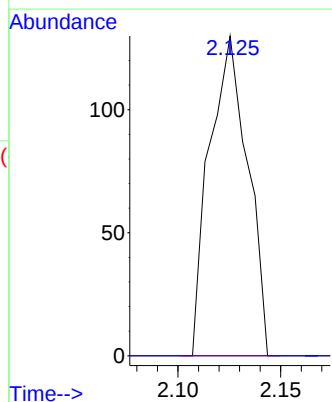
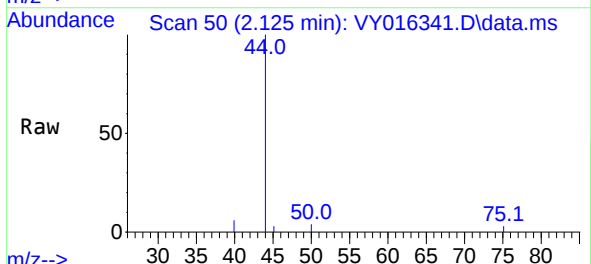


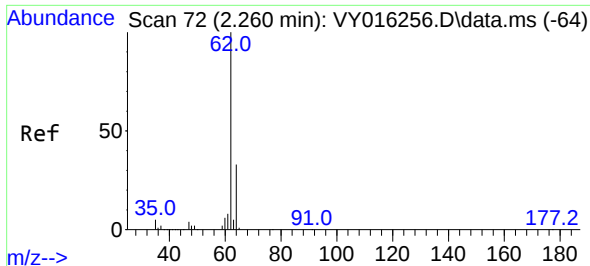
Tgt Ion:168 Resp: 10409
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.0



#3
Chloromethane
Concen: 1.407 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Tgt Ion: 50 Resp: 168
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

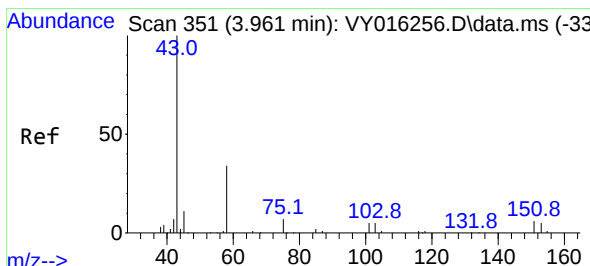
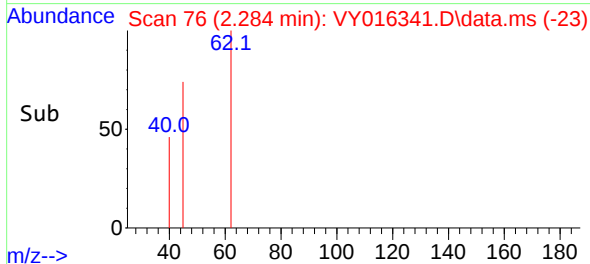
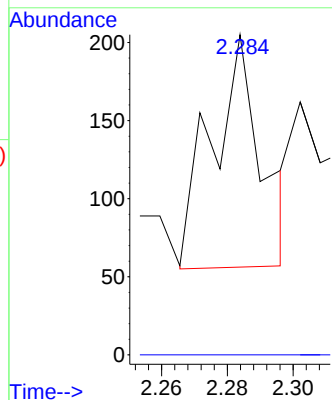
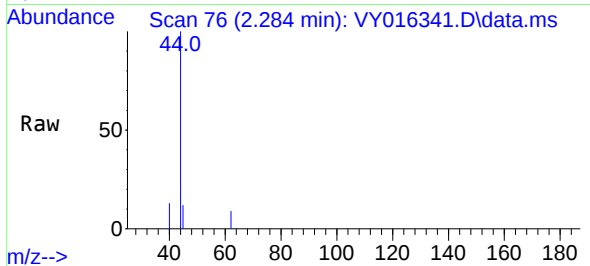




#4
 Vinyl Chloride
 Concen: 1.223 ug/l
 RT: 2.284 min Scan# 70
 Delta R.T. 0.024 min
 Lab File: VY016341.D
 Acq: 14 Nov 2023 12:11

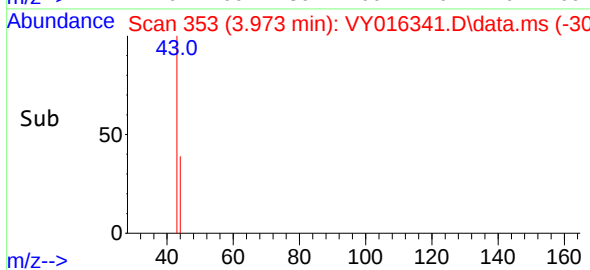
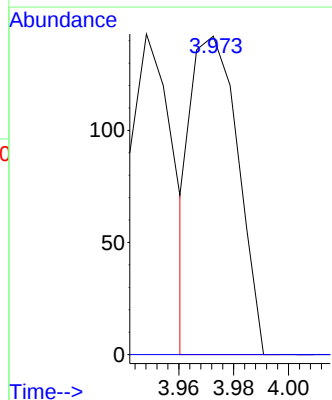
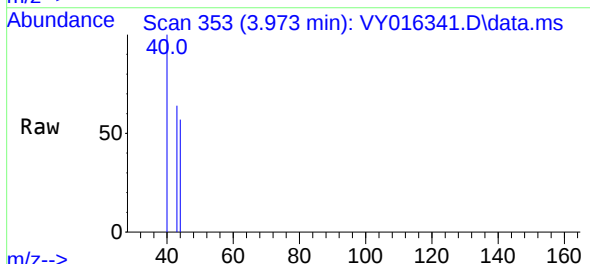
Instrument :
 MSVOA_Y
 ClientSampleId :

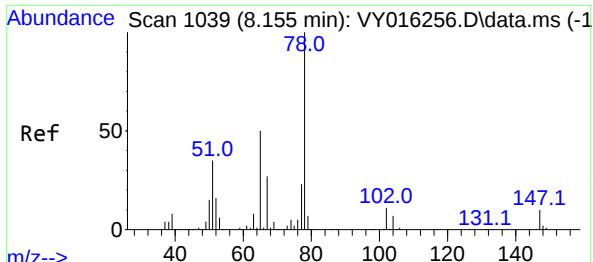
Tgt Ion: 62 Resp: 157
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.3 36.5#



#16
 Acetone
 Concen: 10.549 ug/l
 RT: 3.973 min Scan# 353
 Delta R.T. 0.012 min
 Lab File: VY016341.D
 Acq: 14 Nov 2023 12:11

Tgt Ion: 43 Resp: 166
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.7 34.1#

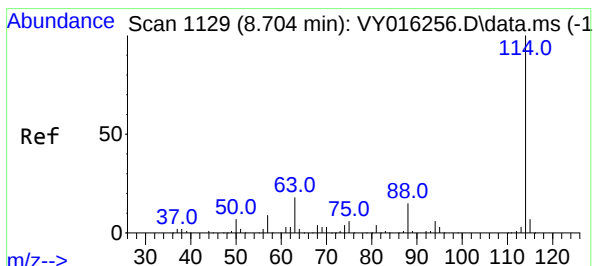
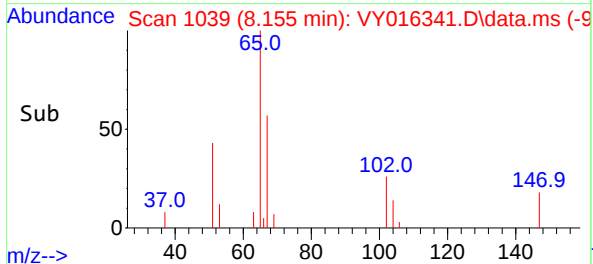
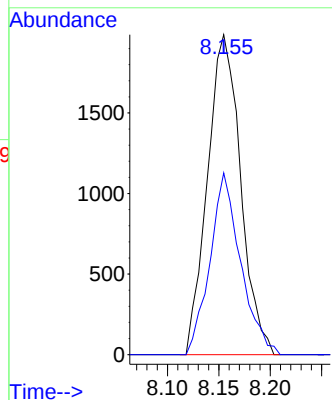
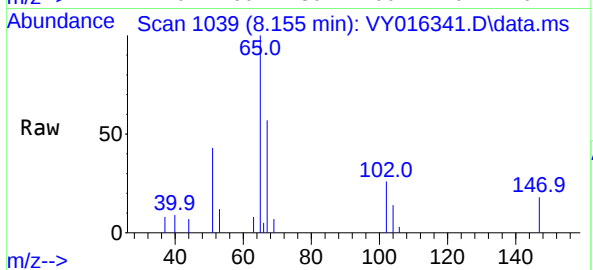




#33
1,2-Dichloroethane-d4
Concen: 46.818 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

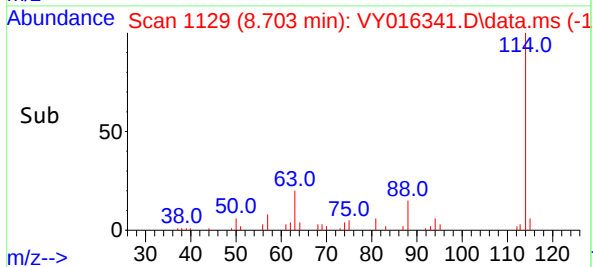
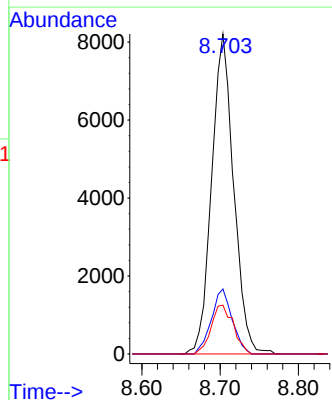
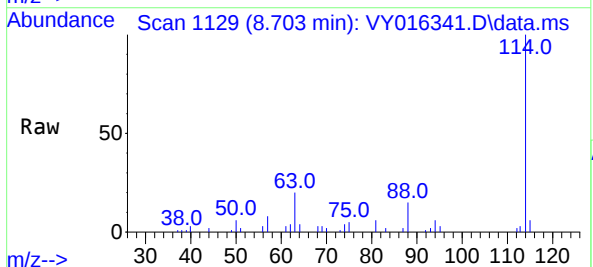
Instrument :
MSVOA_Y
ClientSampleId :

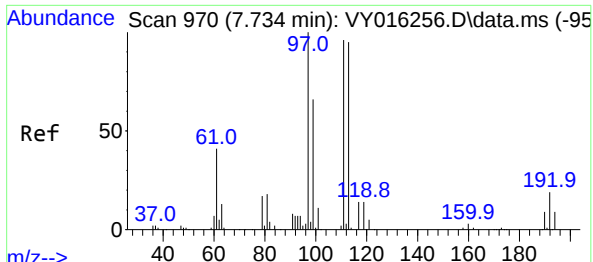
Tgt Ion: 65 Resp: 4454
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

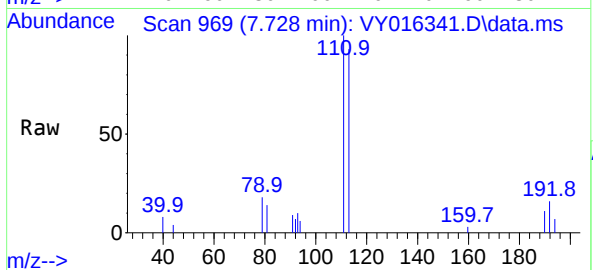
Tgt Ion: 114 Resp: 15989
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 15.3 0.0 30.6



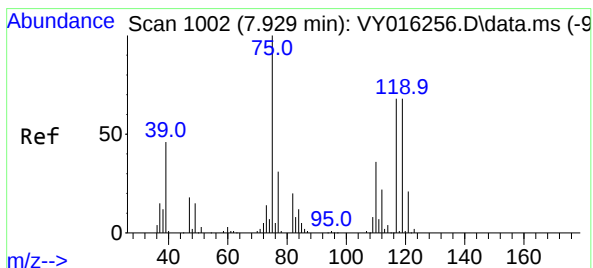
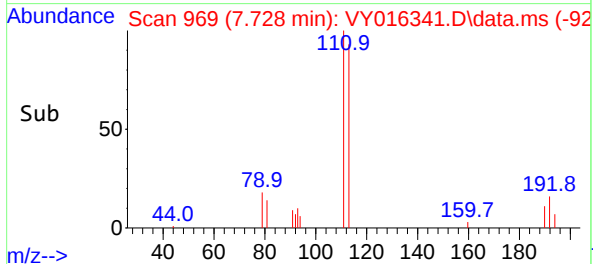
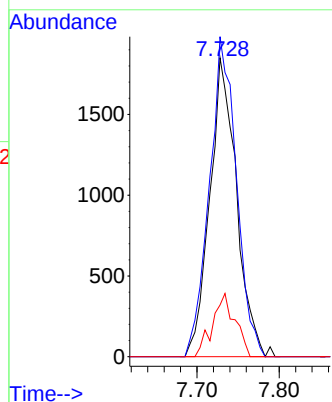


#35
Dibromofluoromethane
Concen: 46.054 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :

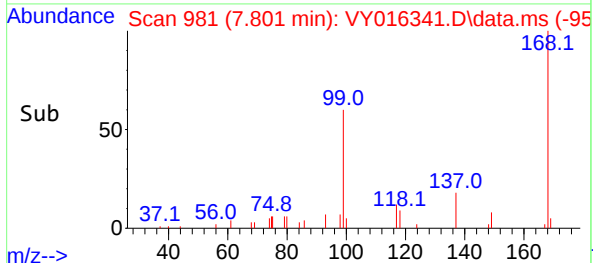
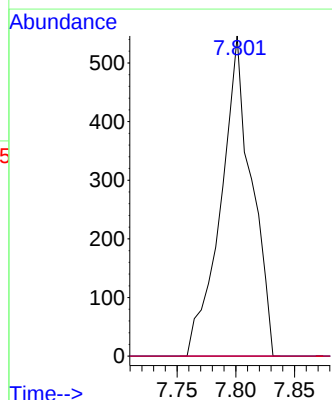
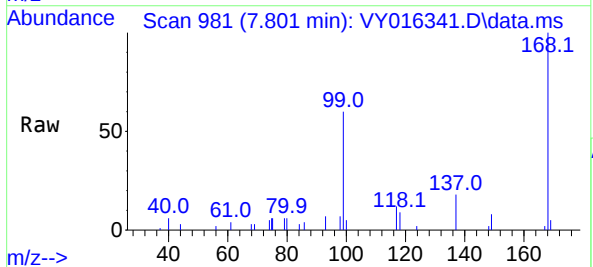


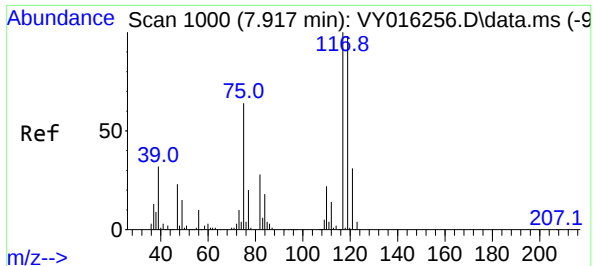
Tgt Ion:113 Resp: 4183
Ion Ratio Lower Upper
113 100
111 108.3 81.3 121.9
192 17.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.315 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

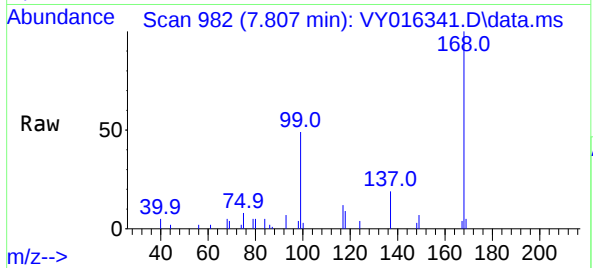
Tgt Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



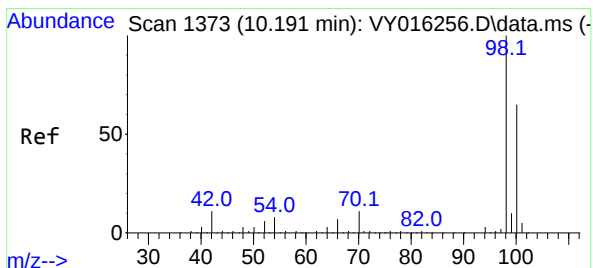
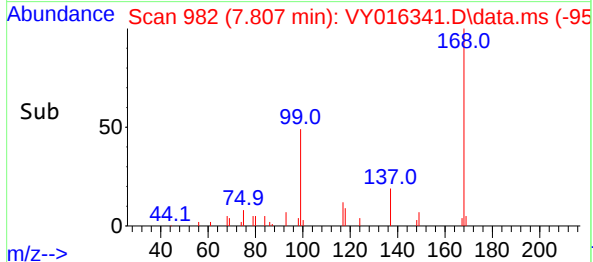
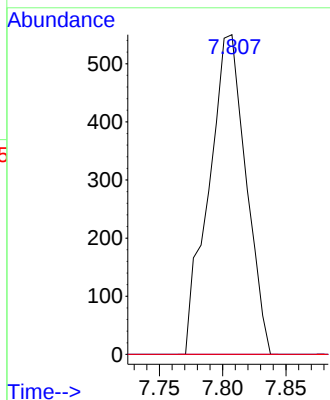


#38
Carbon Tetrachloride
Concen: 6.867 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :

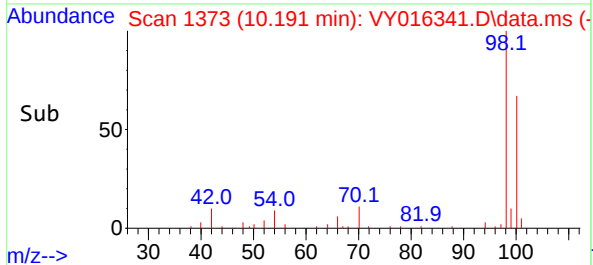
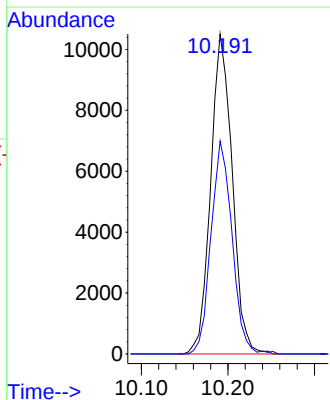
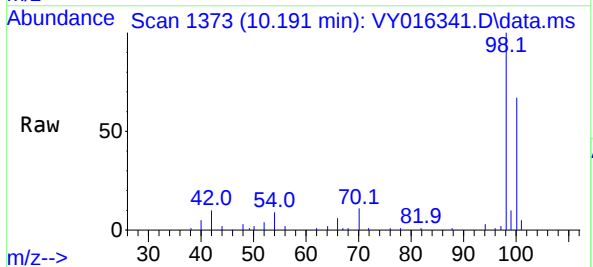


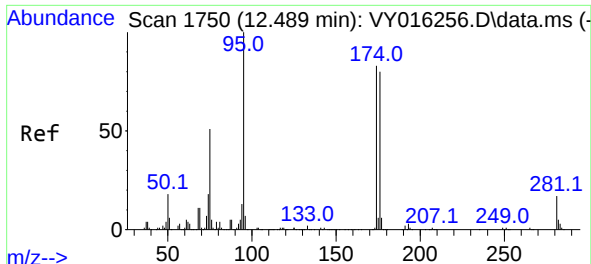
Tgt Ion:117 Resp: 1124
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.255 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

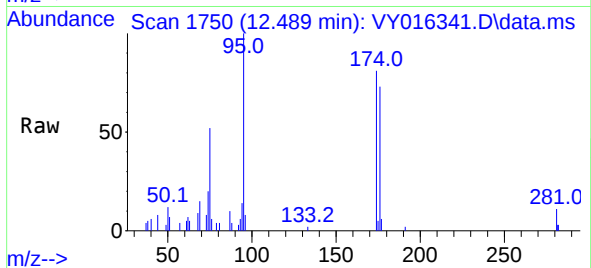
Tgt Ion: 98 Resp: 18142
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



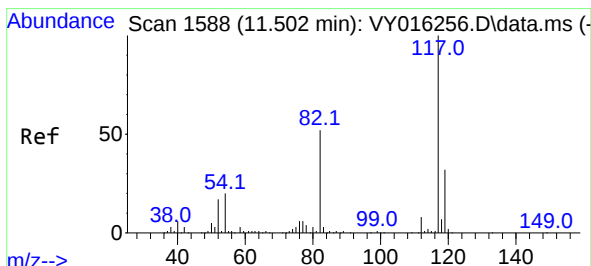
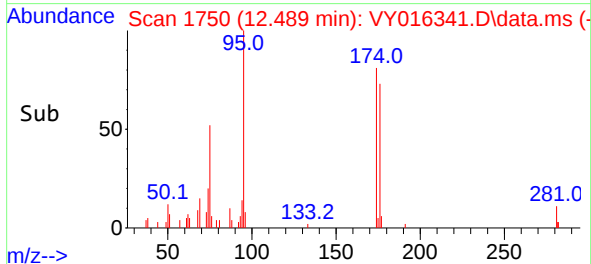
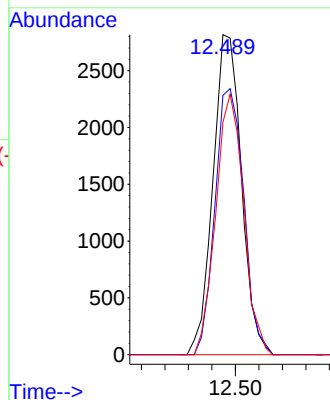


#62
4-Bromofluorobenzene
Concen: 39.632 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :

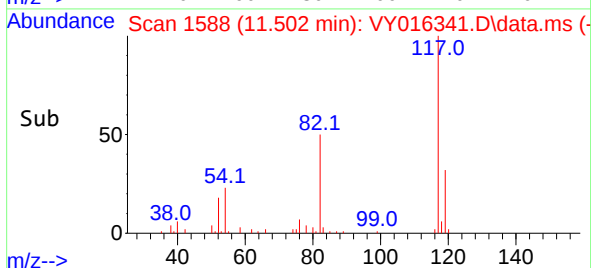
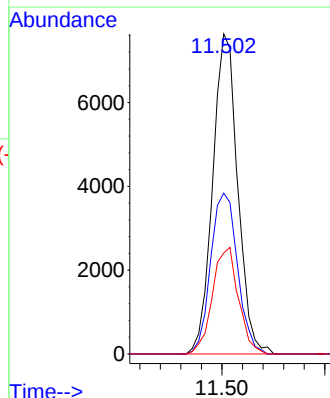
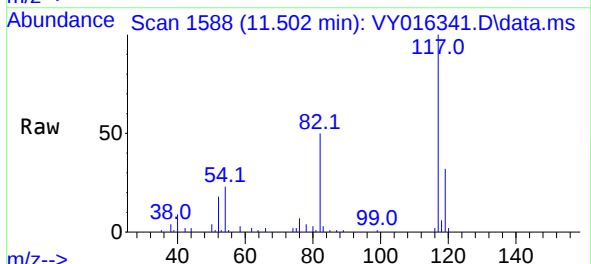


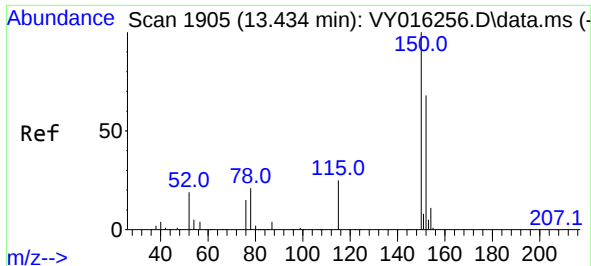
Tgt Ion: 95 Resp: 4741
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

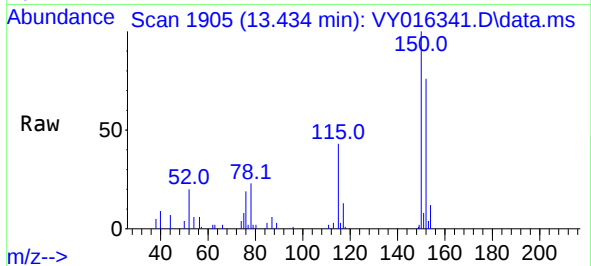
Tgt Ion: 117 Resp: 12893
Ion Ratio Lower Upper
117 100
82 50.3 43.4 65.0
119 31.6 26.3 39.5



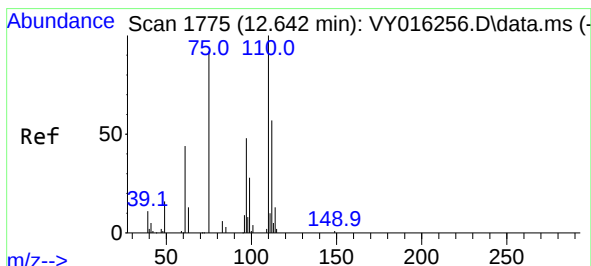
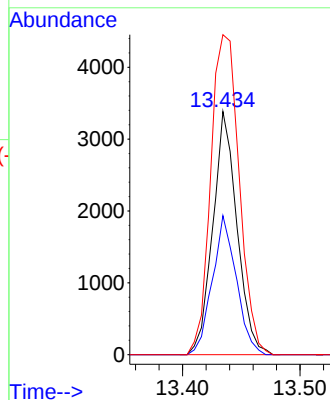
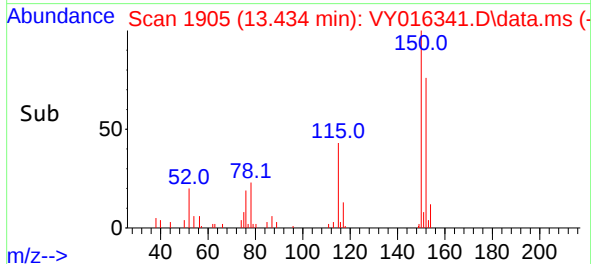


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

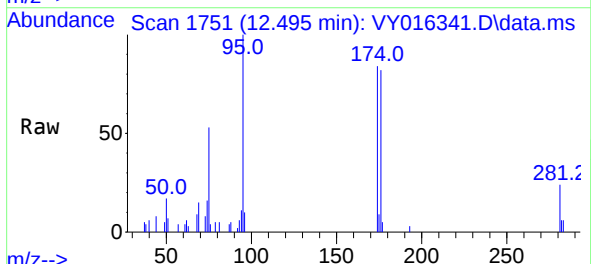
Instrument :
MSVOA_Y
ClientSampleId :



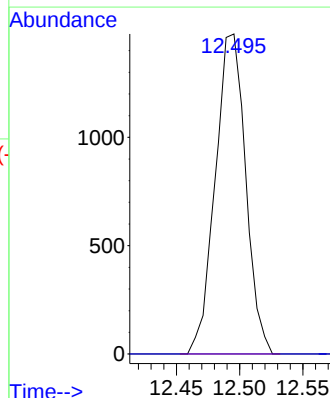
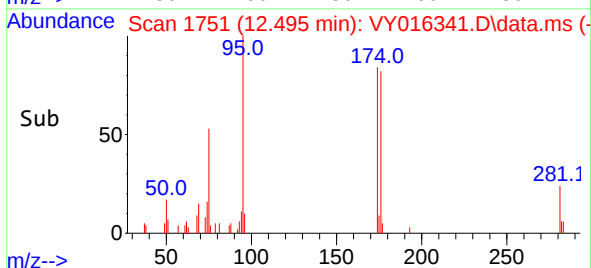
Tgt Ion:152 Resp: 4851
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 154.9 0.0 348.8

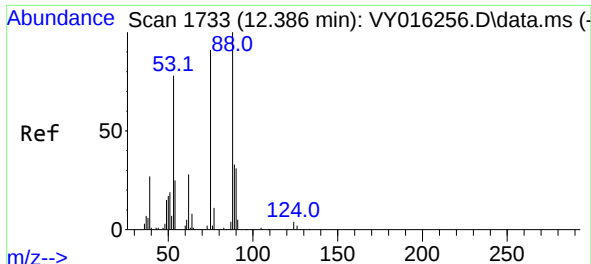


#76
1,2,3-Trichloropropane
Concen: 53.100 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11



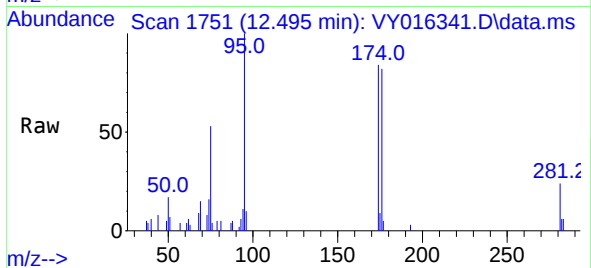
Tgt Ion: 75 Resp: 2471
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



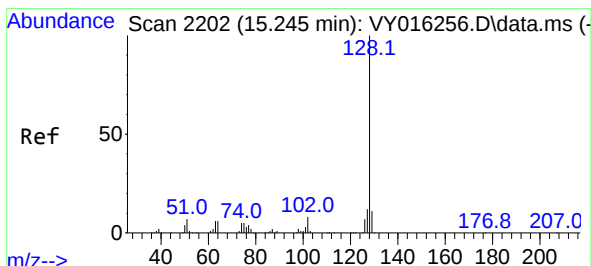
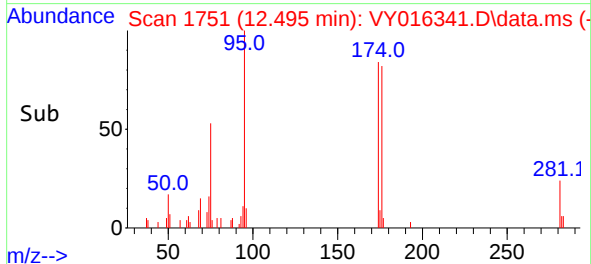
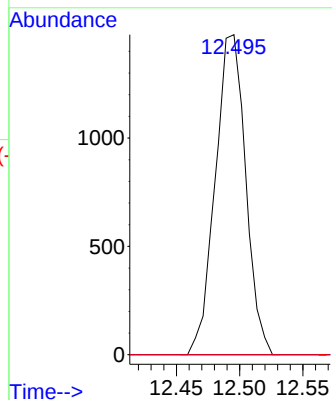


#81
trans-1,4-Dichloro-2-butene
Concen: 115.257 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 2471
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.407 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016341.D
Acq: 14 Nov 2023 12:11

Tgt Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

