

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017010.D
 Acq On : 17 Jan 2024 15:00
 Operator : SY/MD
 Sample : P1117-11
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 15:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

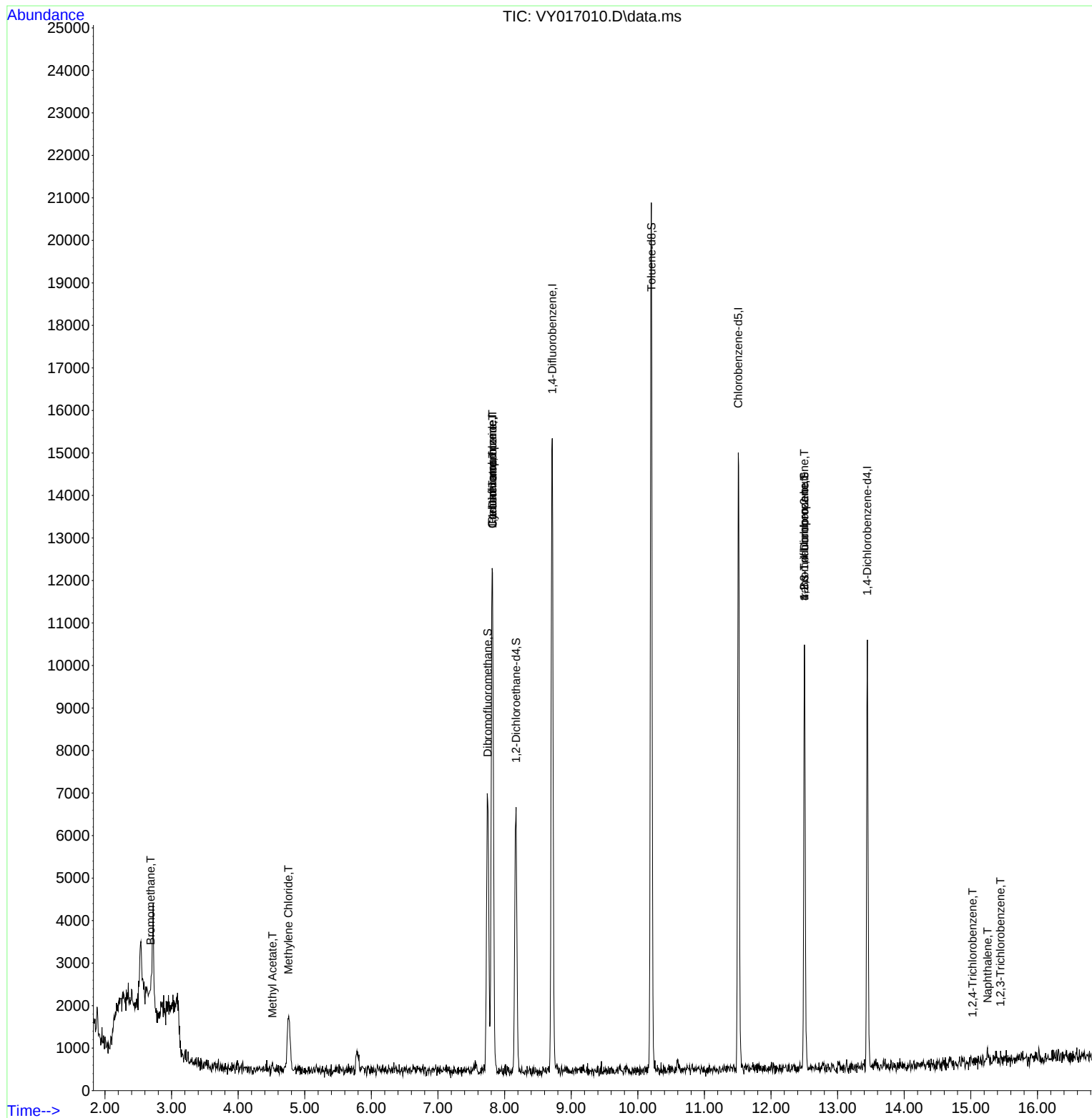
Internal Standards						
1) Pentafluorobenzene	7.813	168	9649	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	13550	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	8878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	2687	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	5253	55.082	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.160%	
35) Dibromofluoromethane	7.746	113	5261	60.930	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.860%	
50) Toluene-d8	10.203	98	14053	47.264	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.520%	
62) 4-Bromofluorobenzene	12.501	95	3337	33.265	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 66.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.686	94	187	1.952	ug/l	81
16) Acetone	3.985	43	266	Below Cal	#	41
18) Methyl Acetate	4.515	43	219	2.143	ug/l #	51
20) Methylene Chloride	4.753	84	1179	2.881	ug/l #	85
31) Cyclohexane	7.819	56	168	1.026	ug/l #	36
36) 1,1-Dichloropropene	7.819	75	812	6.453	ug/l #	42
38) Carbon Tetrachloride	7.819	117	1002	7.837	ug/l #	12
76) 1,2,3-Trichloropropane	12.501	75	1864	63.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	1864	145.159	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.025	180	52	1.279	ug/l #	45
95) Naphthalene	15.251	128	350	5.716	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.446	180	42	1.217	ug/l #	13

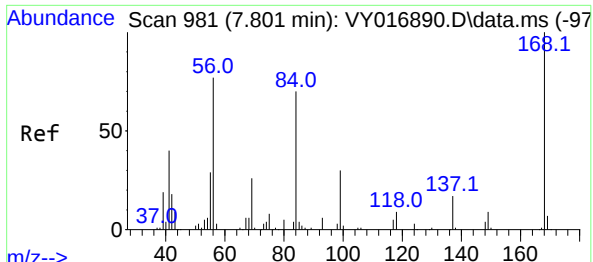
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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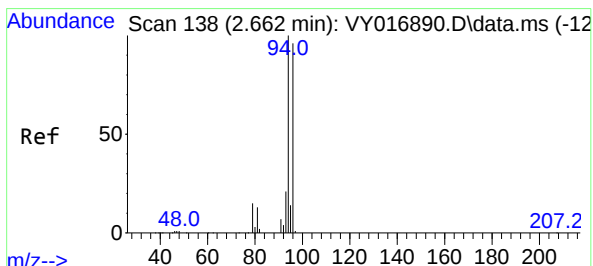
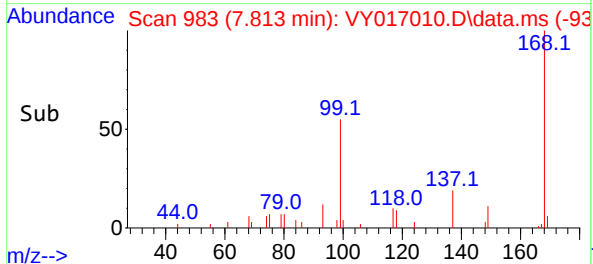
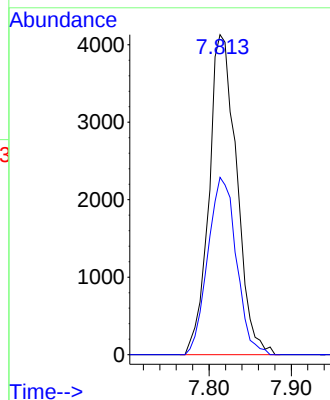
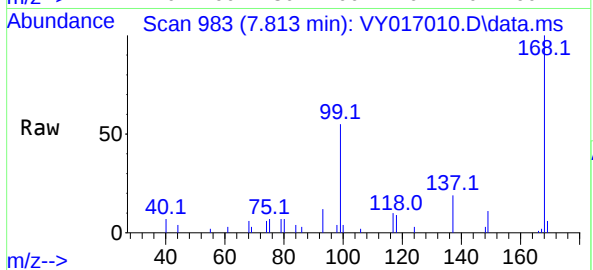




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

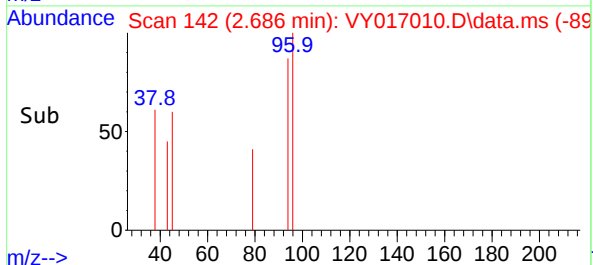
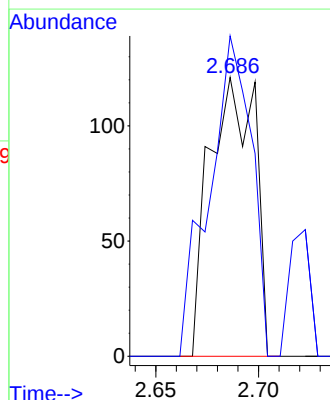
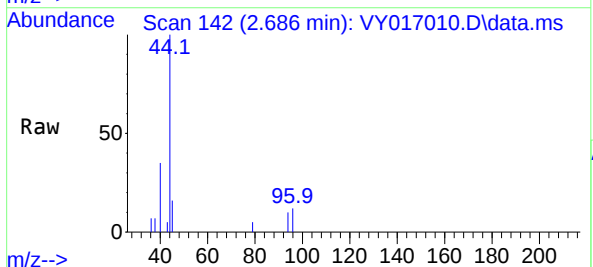
Instrument :
MSVOA_Y
ClientSampleId :

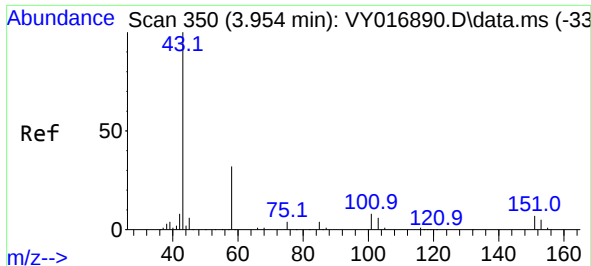
Tgt Ion:168 Resp: 9649
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#5
Bromomethane
Concen: 1.952 ug/l
RT: 2.686 min Scan# 142
Delta R.T. 0.024 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 114.9 77.3 115.9

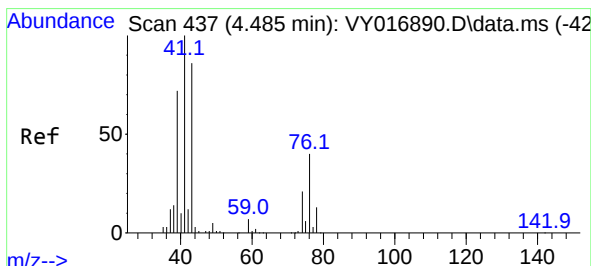
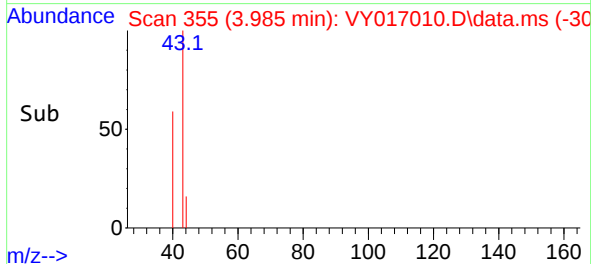
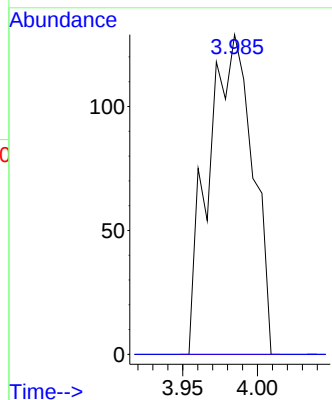
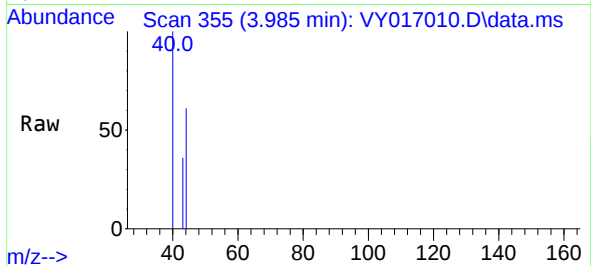




#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

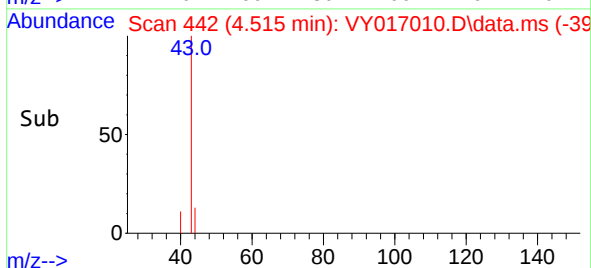
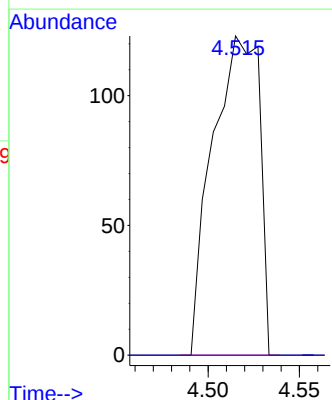
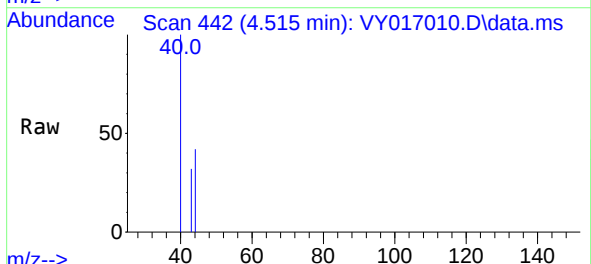
Instrument :
MSVOA_Y
ClientSampleId :

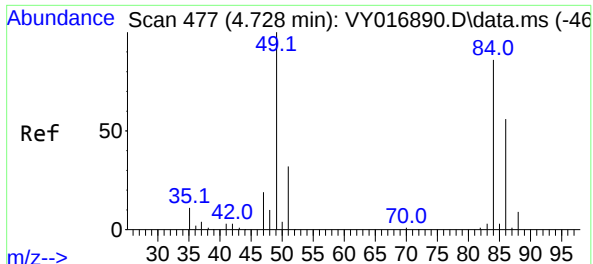
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#18
Methyl Acetate
Concen: 2.143 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

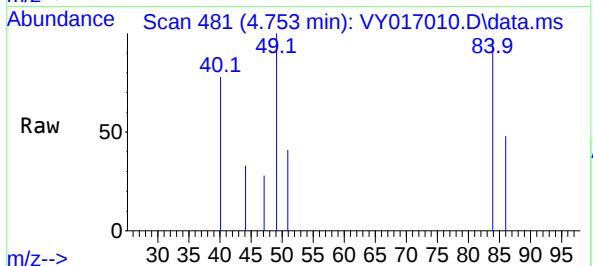
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#





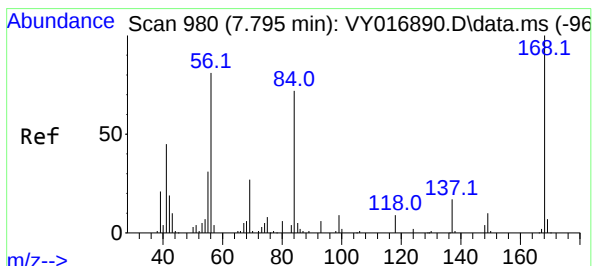
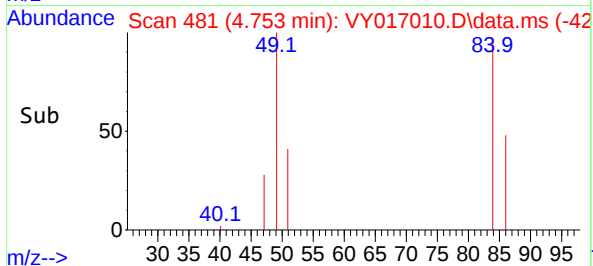
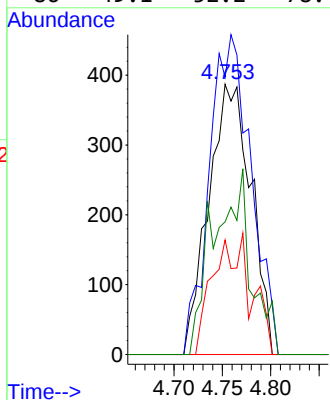
#20
Methylene Chloride
Concen: 2.881 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1179

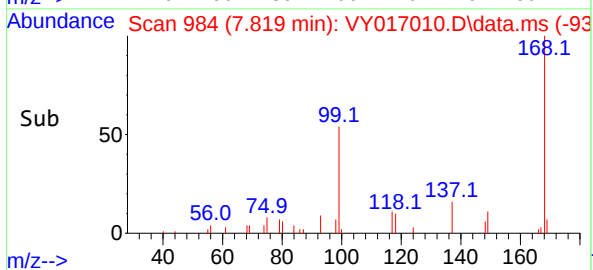
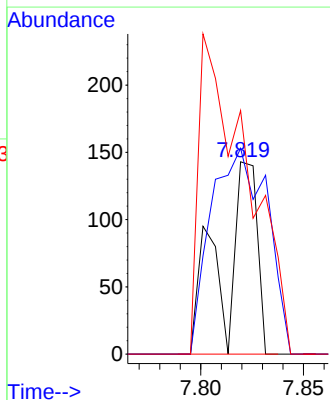
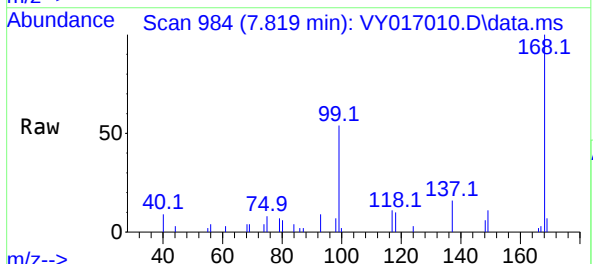
Ion	Ratio	Lower	Upper
84	100		
49	102.6	95.2	142.8
51	42.4	29.9	44.9
86	49.1	52.2	78.4

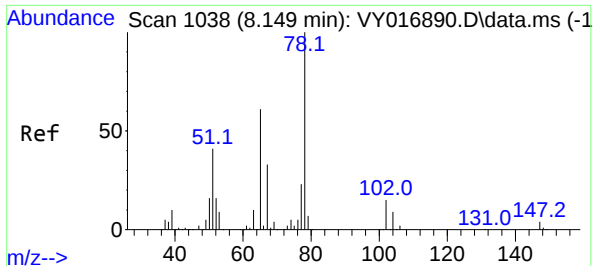


#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion: 56 Resp: 168

Ion	Ratio	Lower	Upper
56	100		
69	107.0	27.0	40.6
84	126.6	71.8	107.6

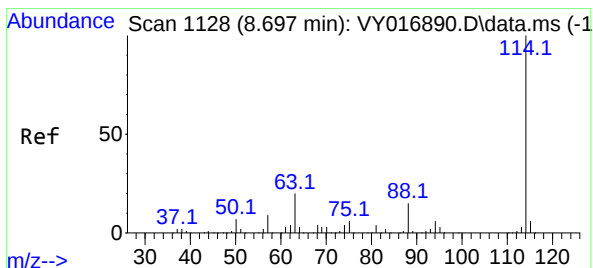
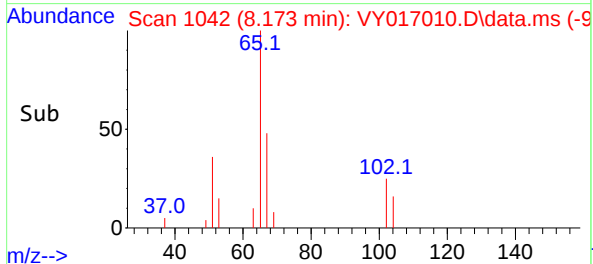
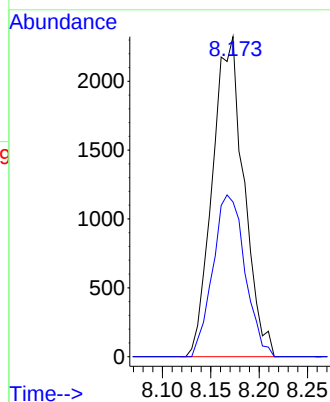
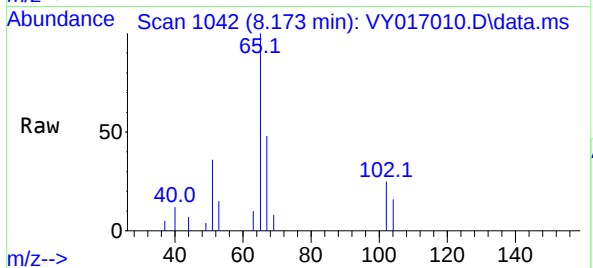




#33
1,2-Dichloroethane-d4
Concen: 55.082 ug/l
RT: 8.173 min Scan# 1103
Delta R.T. 0.018 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

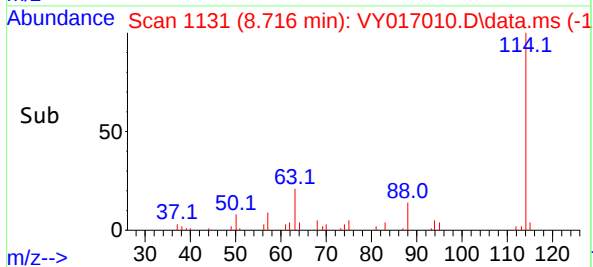
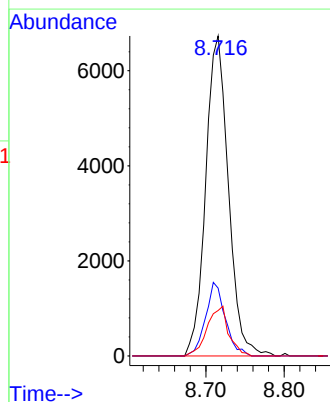
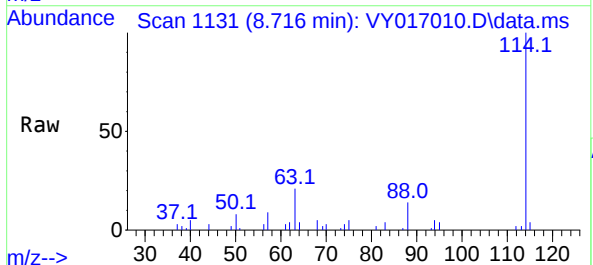
Instrument :
MSVOA_Y
ClientSampleId :

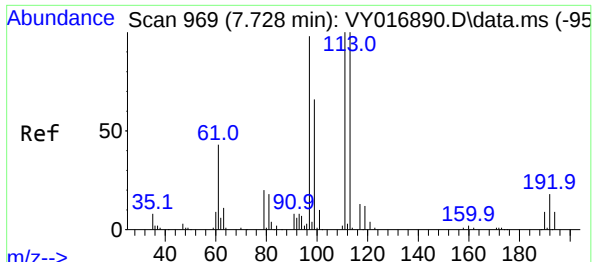
Tgt Ion: 65 Resp: 5253
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

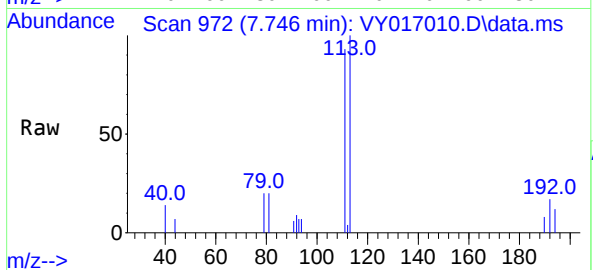
Tgt Ion:114 Resp: 13550
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 14.2 0.0 29.0



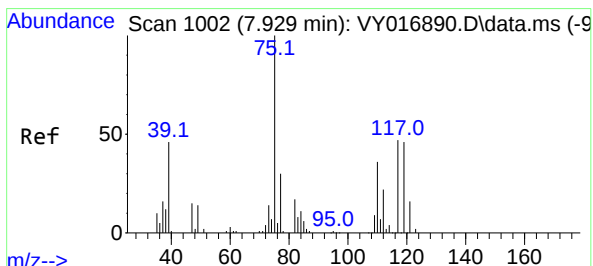
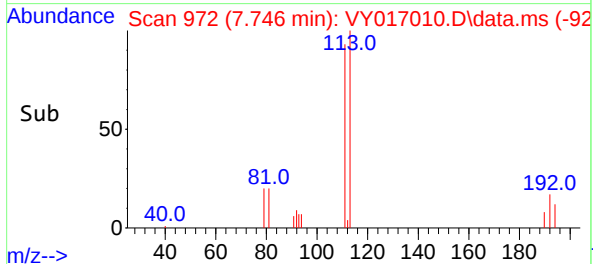
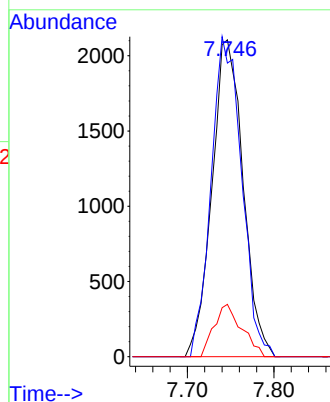


#35
Dibromofluoromethane
Concen: 60.930 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

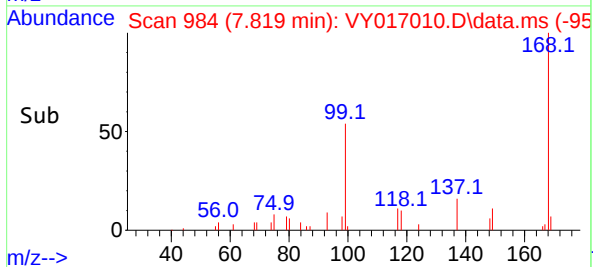
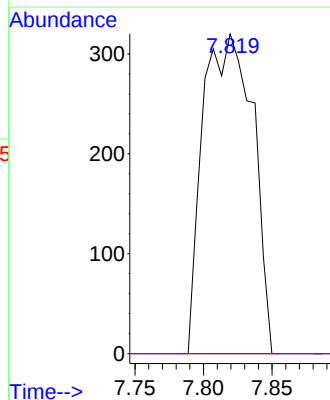
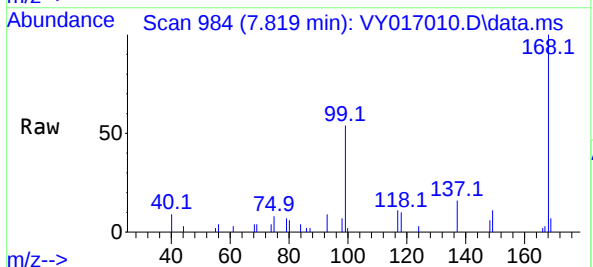


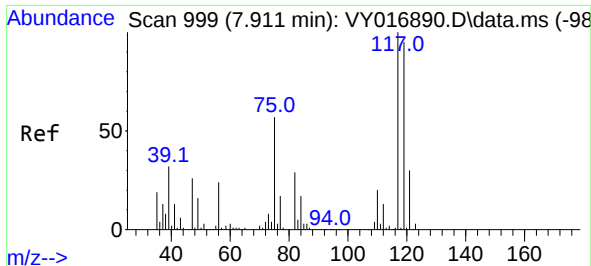
Tgt Ion:113 Resp: 5261
Ion Ratio Lower Upper
113 100
111 98.7 83.8 125.6
192 14.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 6.453 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

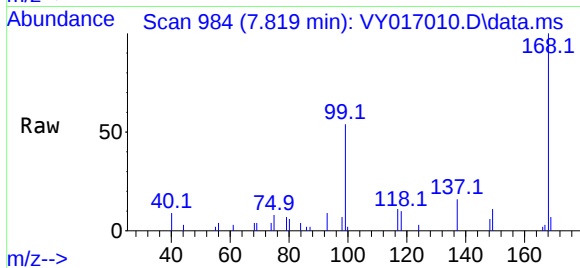
Tgt Ion: 75 Resp: 812
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



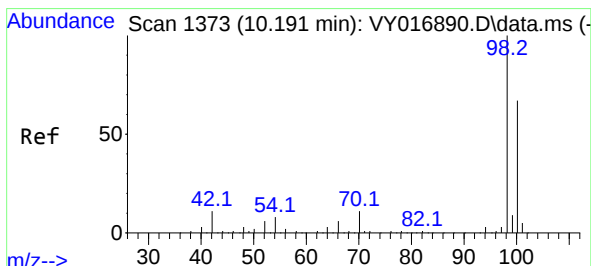
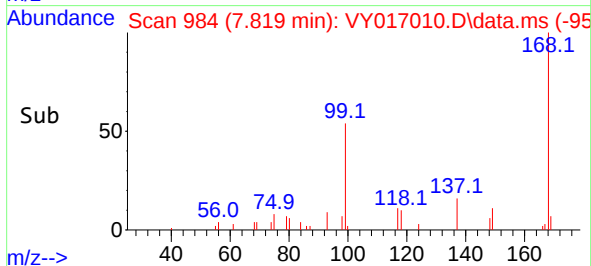
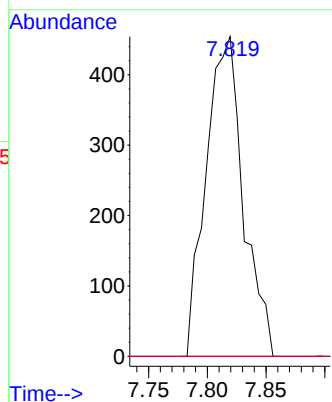


#38
Carbon Tetrachloride
Concen: 7.837 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

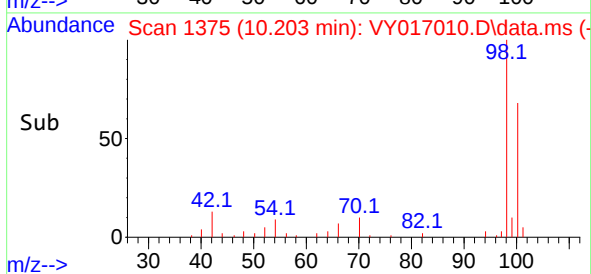
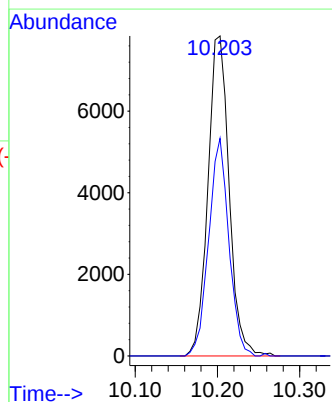
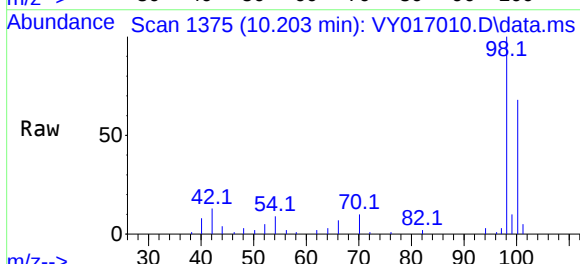


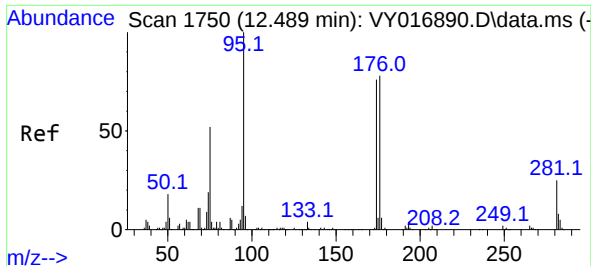
Tgt Ion:117 Resp: 1002
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.264 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion: 98 Resp: 14053
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

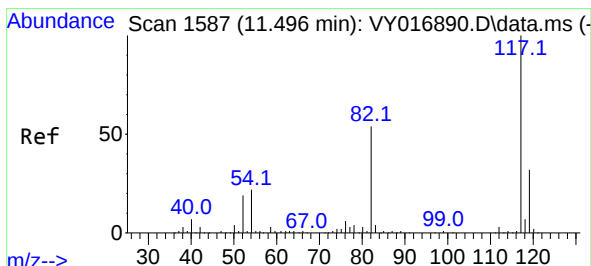
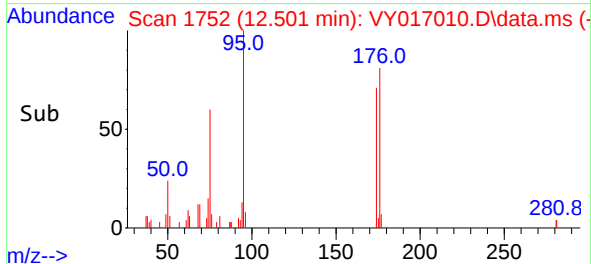
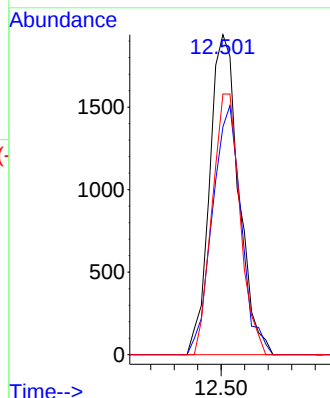
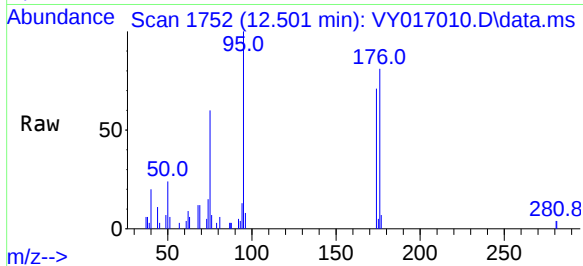




#62
4-Bromofluorobenzene
Concen: 33.265 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

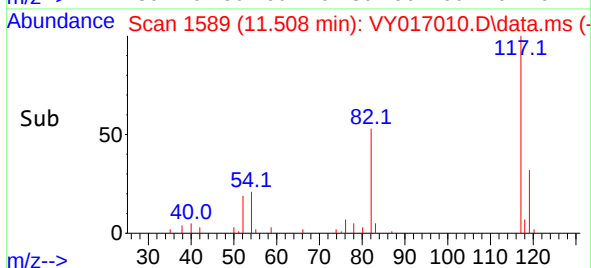
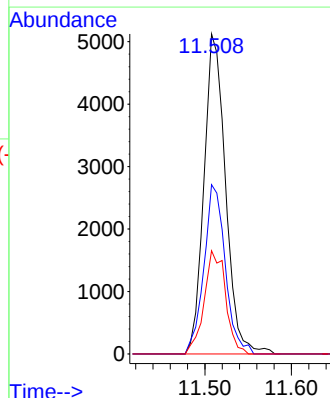
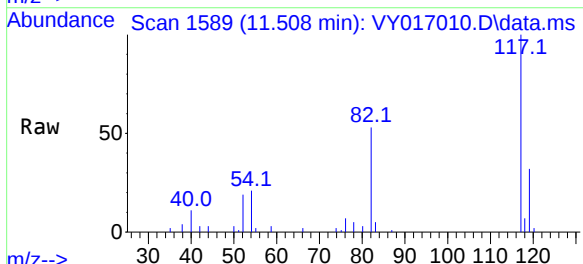
Instrument :
MSVOA_Y
ClientSampleId :

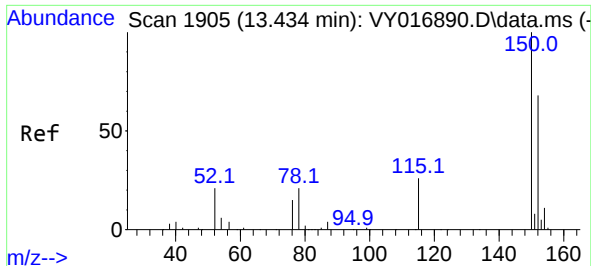
Tgt Ion: 95 Resp: 3337
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 78.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Tgt Ion: 117 Resp: 8878
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.3 26.5 39.7

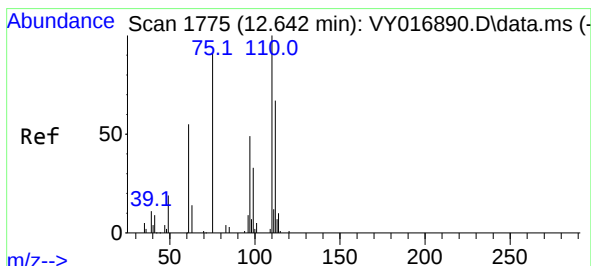
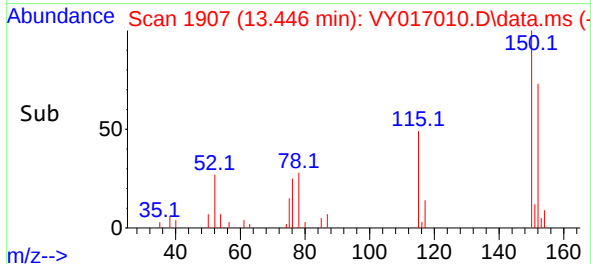
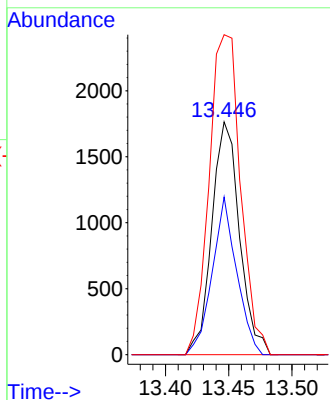
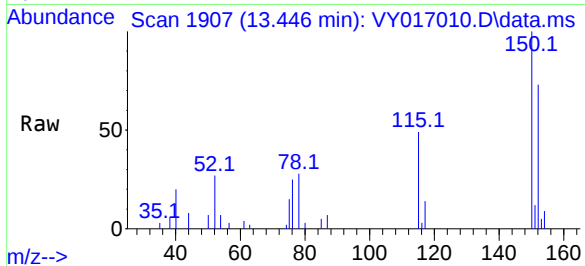




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

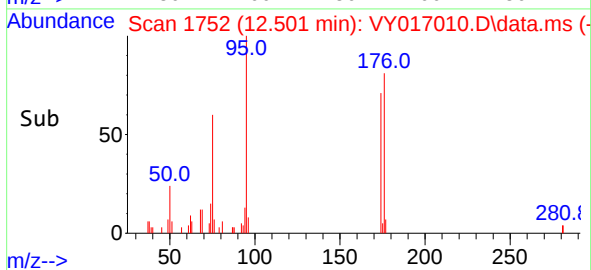
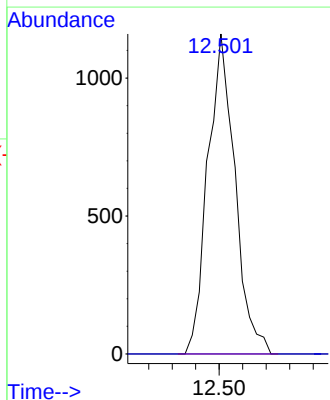
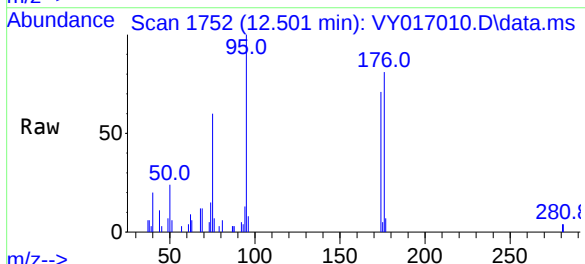
Instrument :
MSVOA_Y
ClientSampleId :

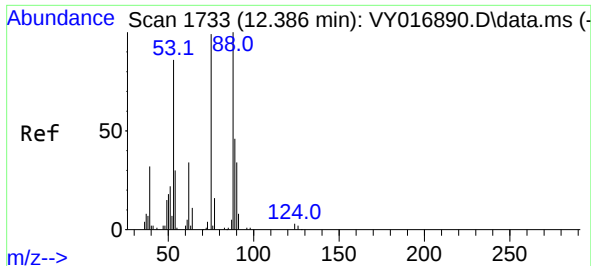
Tgt Ion:152 Resp: 2687
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 156.0 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 63.926 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

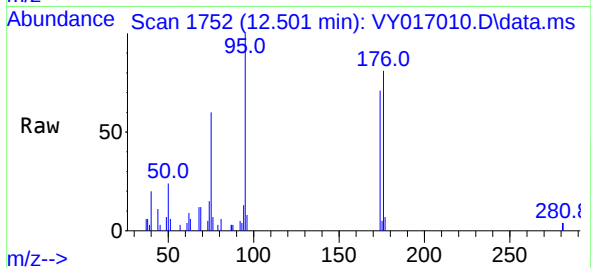
Tgt Ion: 75 Resp: 1864
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



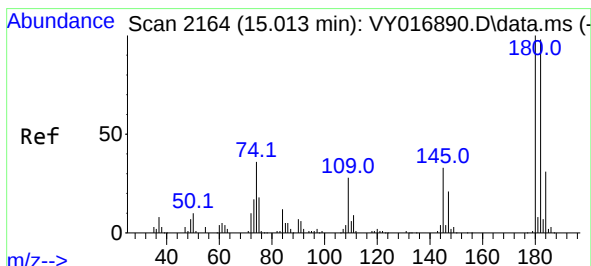
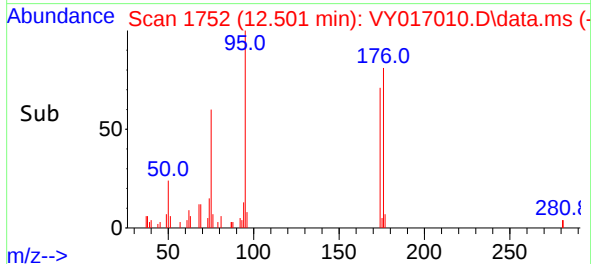
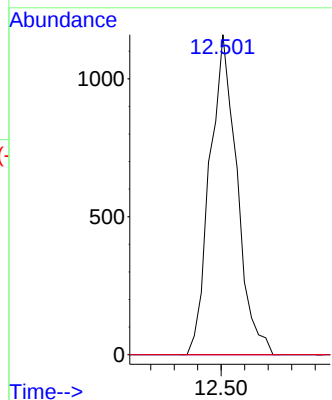


#81
trans-1,4-Dichloro-2-butene
Concen: 145.159 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

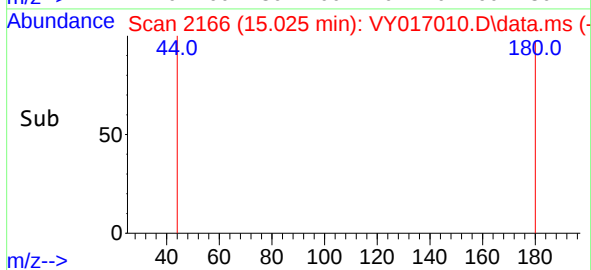
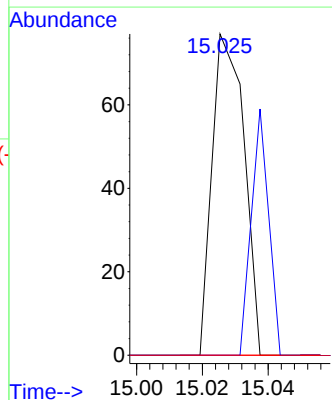
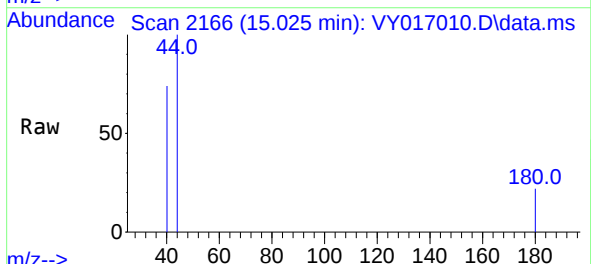


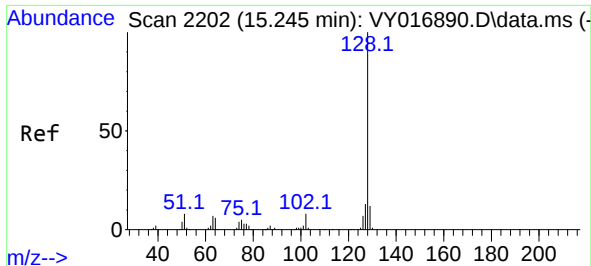
Tgt Ion: 75 Resp: 1864
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#93
1,2,4-Trichlorobenzene
Concen: 1.279 ug/l
RT: 15.025 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

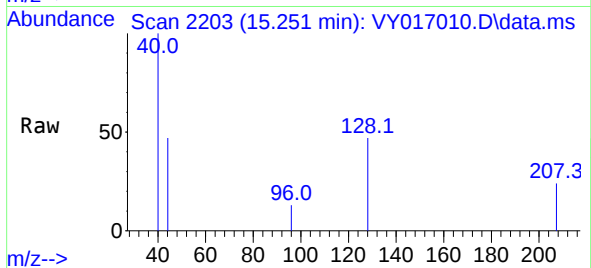
Tgt Ion:180 Resp: 52
Ion Ratio Lower Upper
180 100
182 42.3 47.9 143.7#
145 0.0 15.9 47.7#



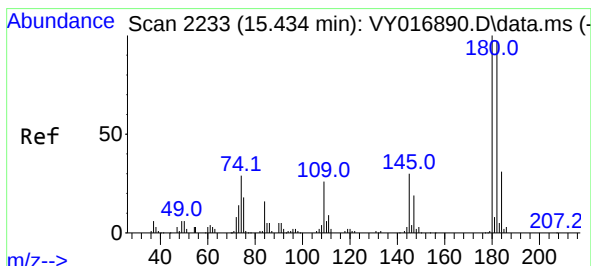
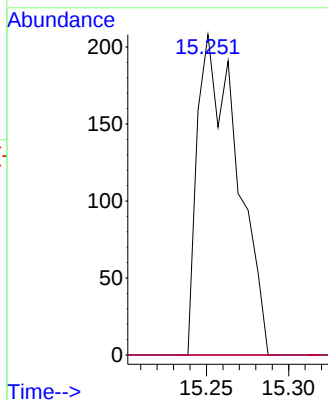
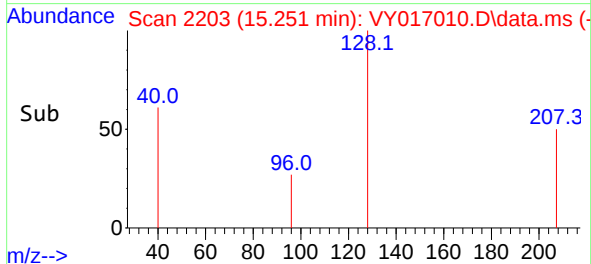


#95
Naphthalene
Concen: 5.716 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00

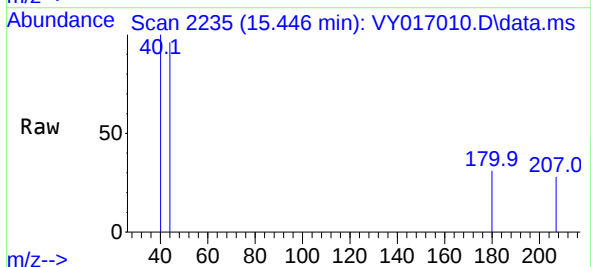
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 350
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 1.217 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.012 min
Lab File: VY017010.D
Acq: 17 Jan 2024 15:00



Tgt Ion:180 Resp: 42
Ion Ratio Lower Upper
180 100
182 0.0 46.3 138.8#
145 0.0 16.1 48.2#

