

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017977.D
 Acq On : 18 Apr 2024 15:38
 Operator : SY/MD
 Sample : P2147-12
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 19 02:02:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

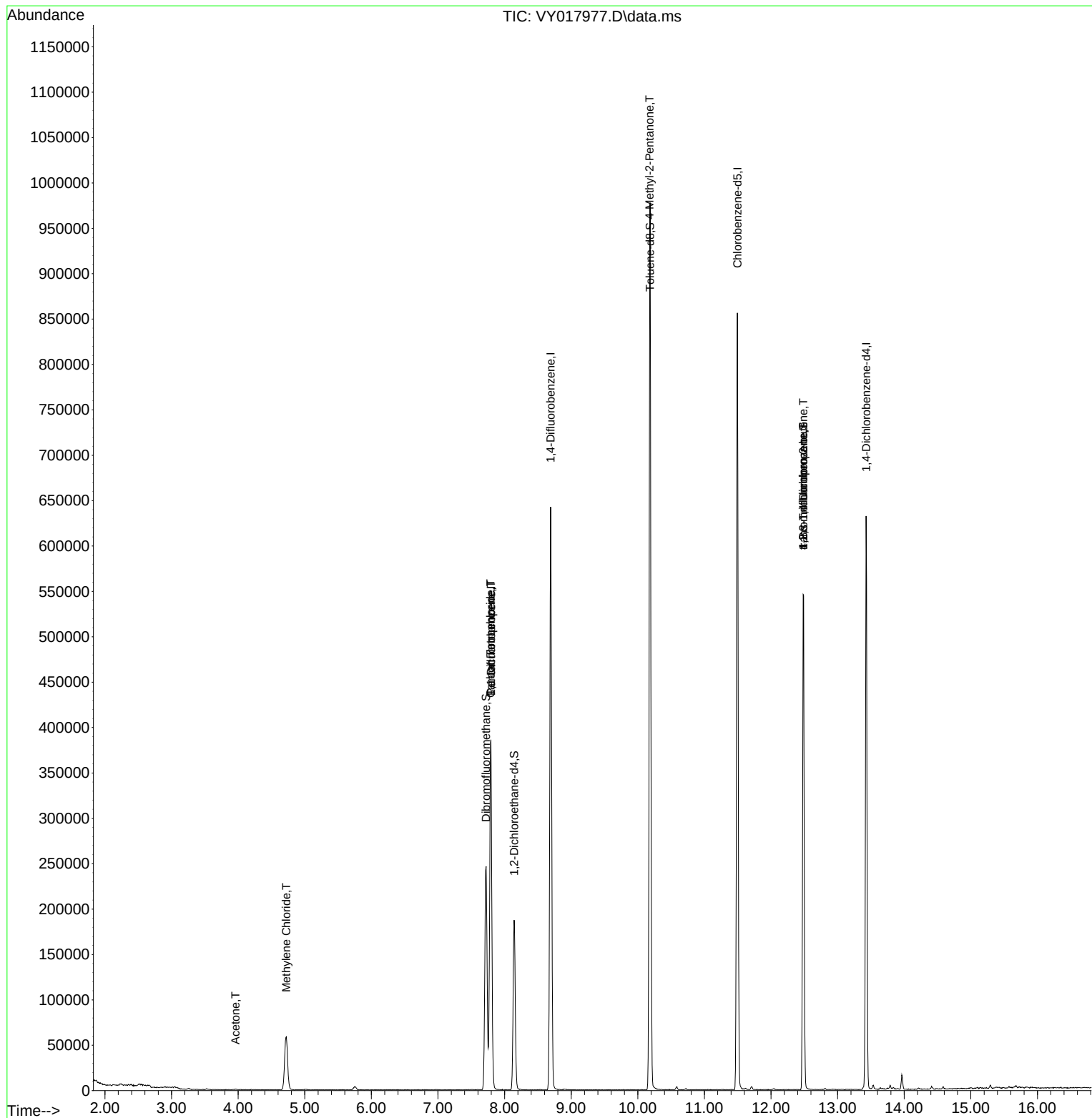
Internal Standards						
1) Pentafluorobenzene	7.795	168	329374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	582859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	506641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	143757	50.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.88%			
35) Dibromofluoromethane	7.722	113	184893	51.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.84%			
50) Toluene-d8	10.185	98	668456	48.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.98%			
62) 4-Bromofluorobenzene	12.483	95	169386	40.08	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.16%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	54	Below Cal	#	88
16) Acetone	3.960	43	1129	2.00	ug/l #	81
20) Methylene Chloride	4.722	84	50460	13.22	ug/l	97
36) 1,1-Dichloropropene	7.795	75	21503	4.11	ug/l #	47
38) Carbon Tetrachloride	7.789	117	28618	5.42	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2340	1.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82318	50.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82318	103.30	ug/l #	16

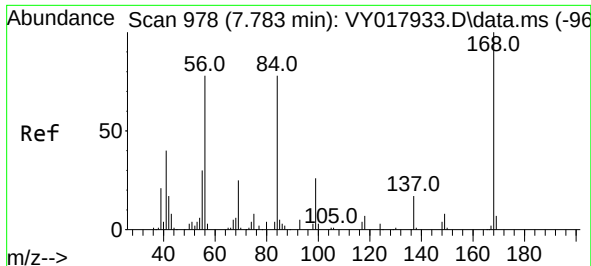
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

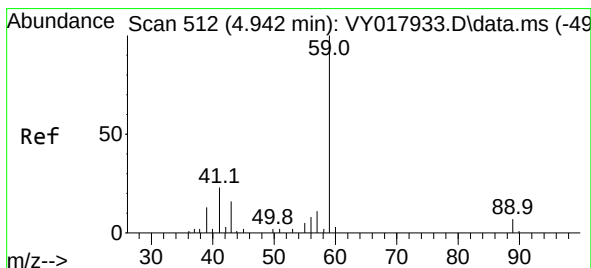
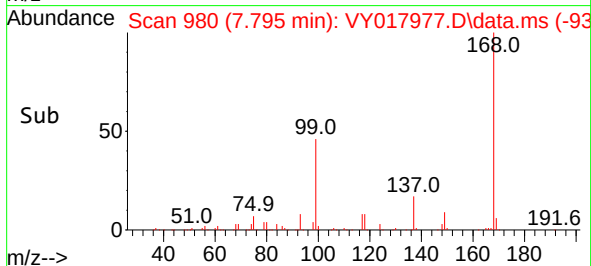
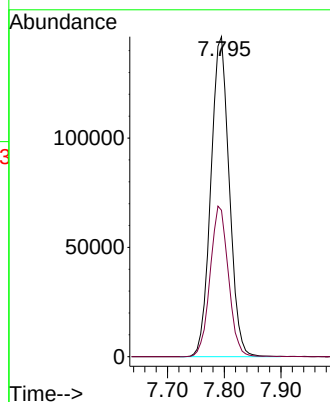
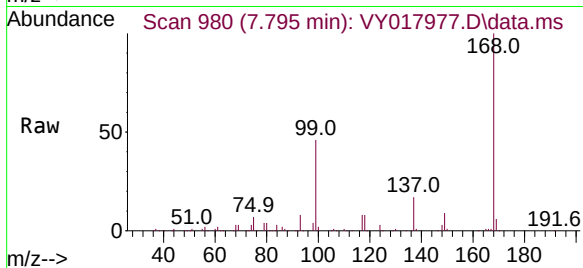




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

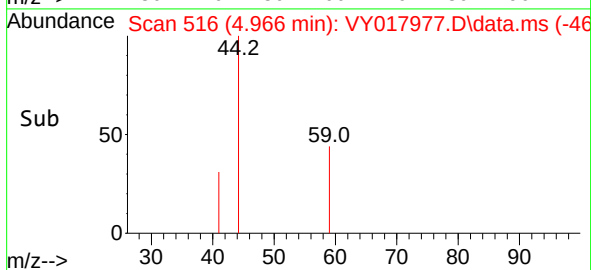
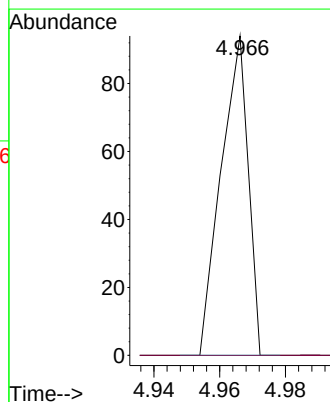
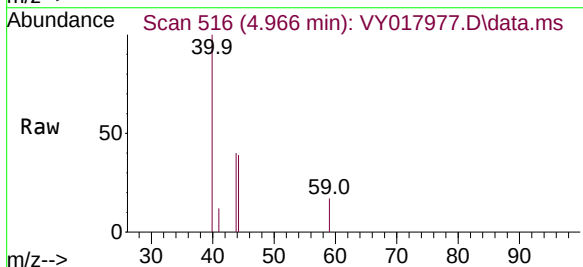
Instrument :
MSVOA_Y
ClientSampleId :

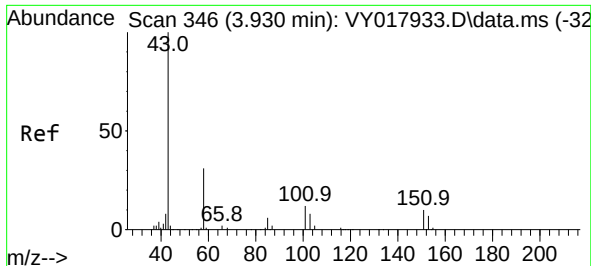
Tgt Ion:168 Resp: 329374
Ion Ratio Lower Upper
168 100
99 45.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

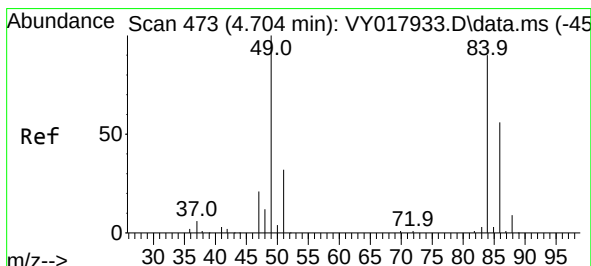
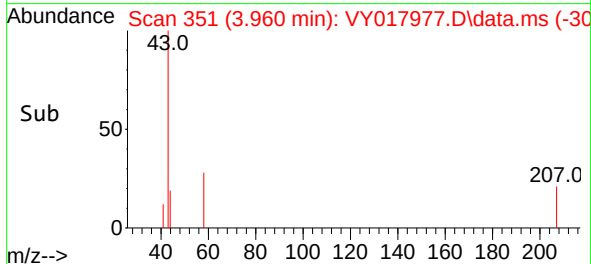
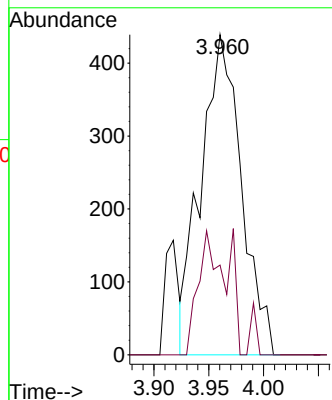
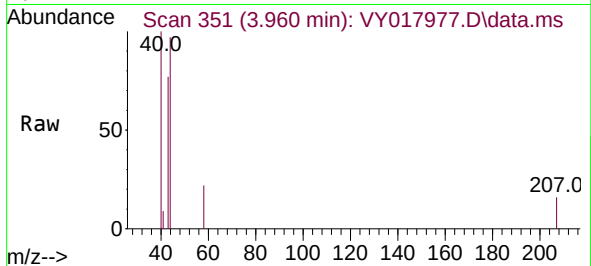




#16
Acetone
Concen: 2.00 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

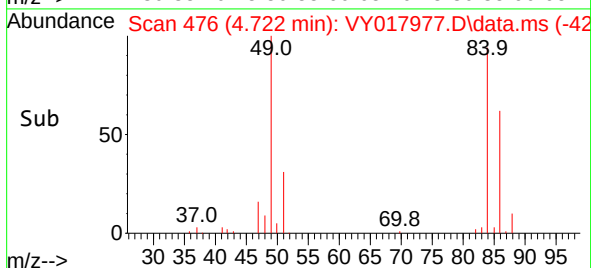
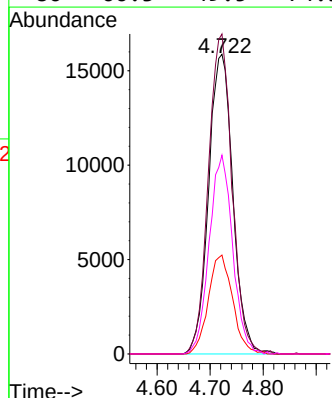
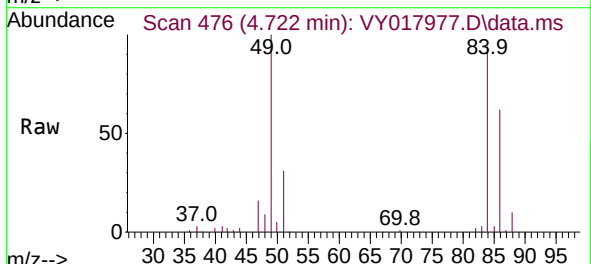
Instrument :
MSVOA_Y
ClientSampleId :

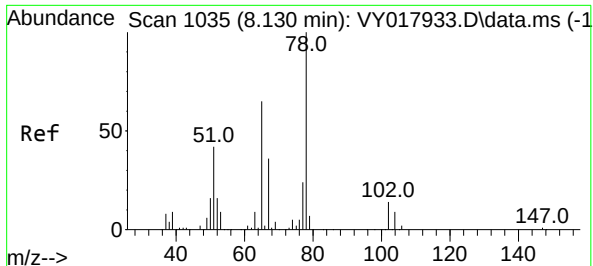
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#



#20
Methylene Chloride
Concen: 13.22 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Tgt Ion: 84 Resp: 50460
Ion Ratio Lower Upper
84 100
49 106.8 84.4 126.6
51 33.0 26.0 39.0
86 66.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 50.44 ug/l

RT: 8.142 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY017977.D

Acq: 18 Apr 2024 15:38

Instrument :

MSVOA_Y

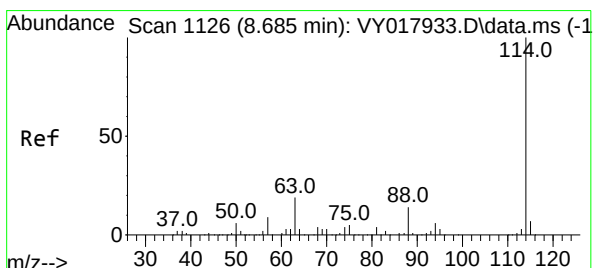
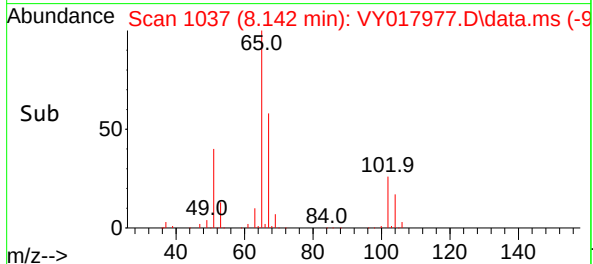
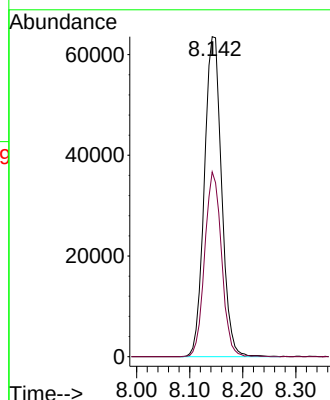
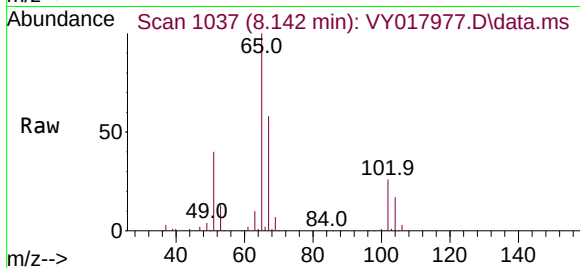
ClientSampleId :

Tgt Ion: 65 Resp: 143757

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017977.D

Acq: 18 Apr 2024 15:38

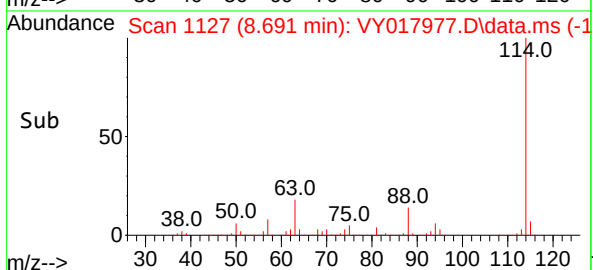
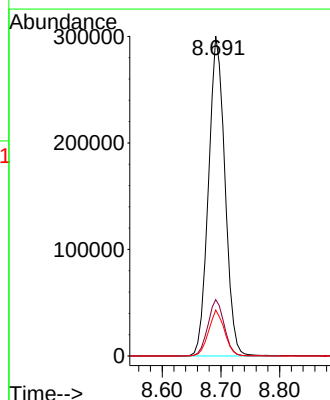
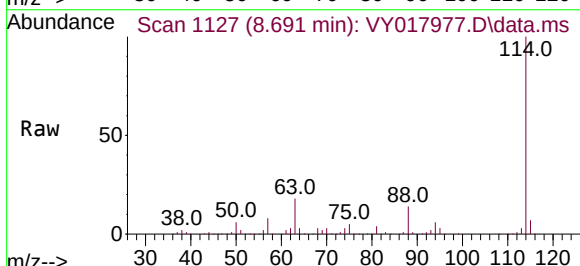
Tgt Ion:114 Resp: 582859

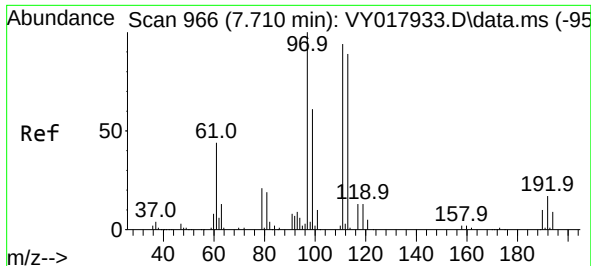
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

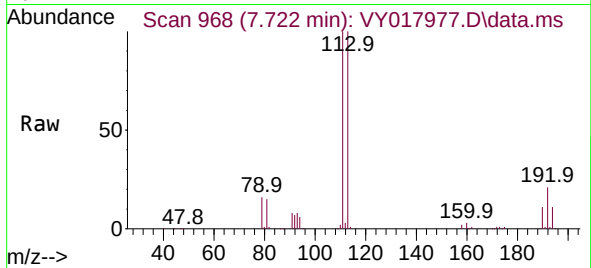
88 14.3 0.0 27.2



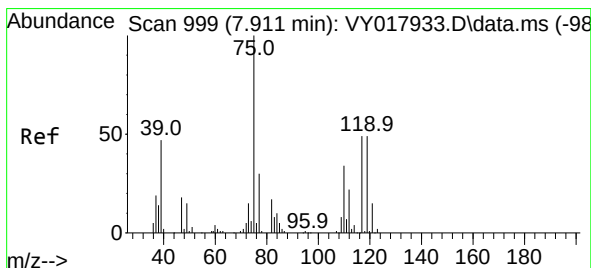
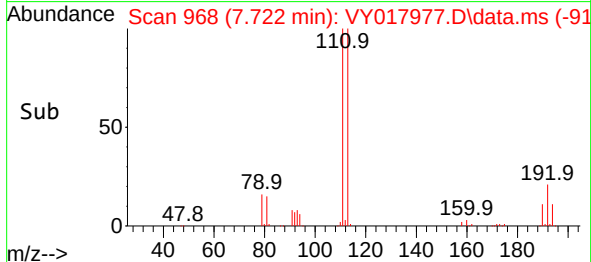
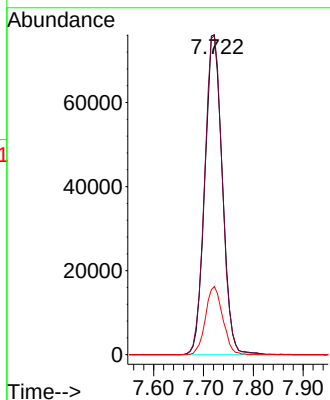


#35
Dibromofluoromethane
Concen: 51.42 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Instrument :
MSVOA_Y
ClientSampleId :

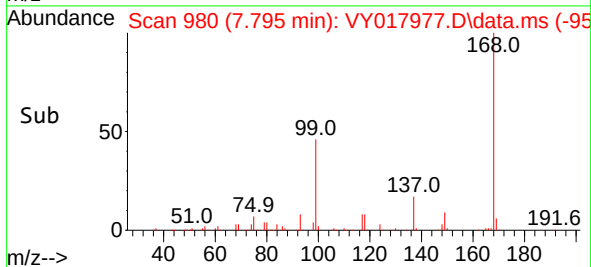
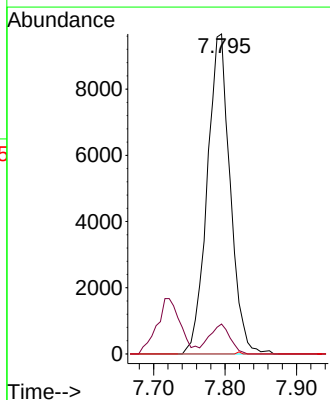
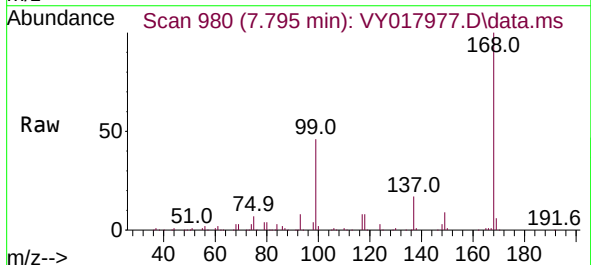


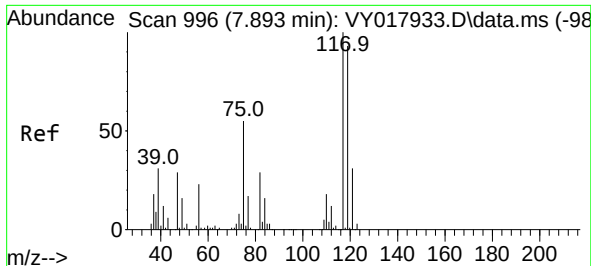
Tgt Ion:113 Resp: 184893
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

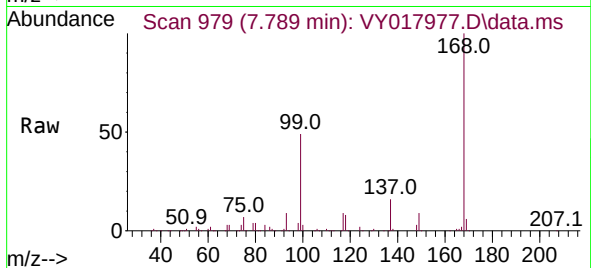
Tgt Ion: 75 Resp: 21503
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



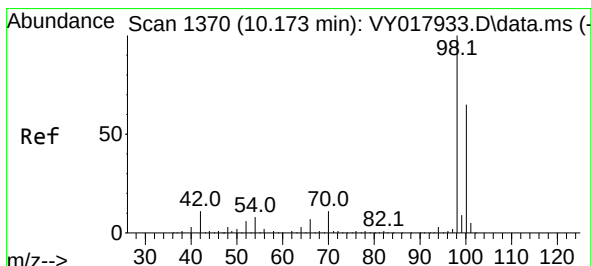
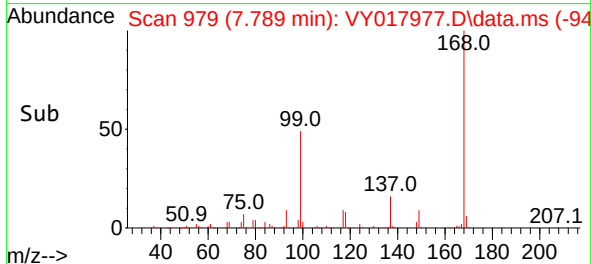
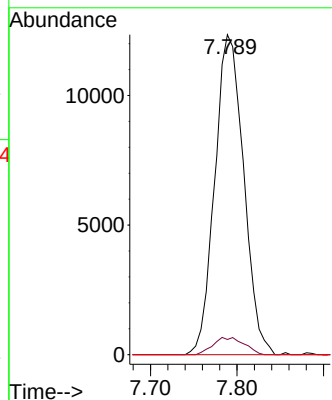


#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Instrument :
MSVOA_Y
ClientSampleId :

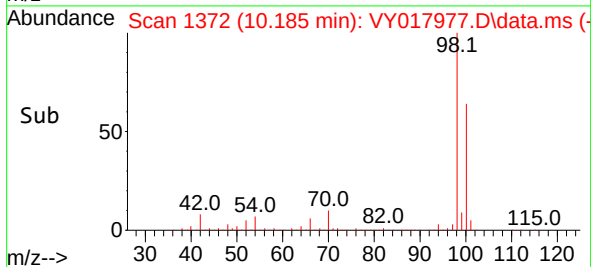
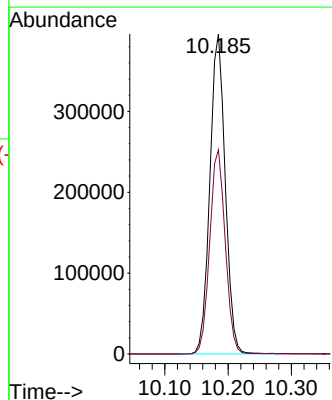
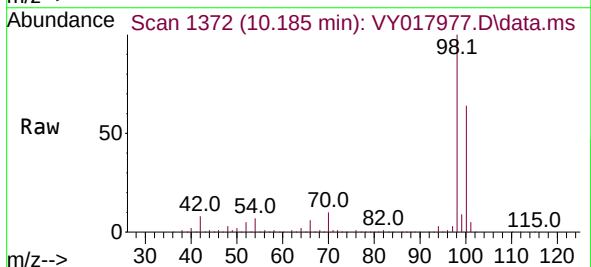


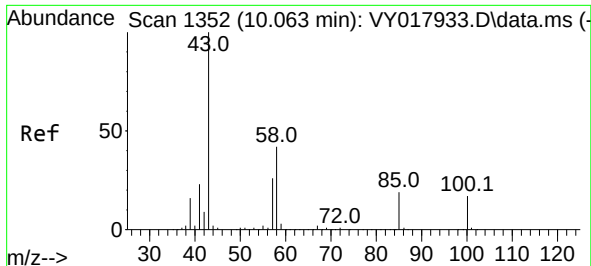
Tgt Ion:117 Resp: 28618
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.99 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Tgt Ion: 98 Resp: 668456
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

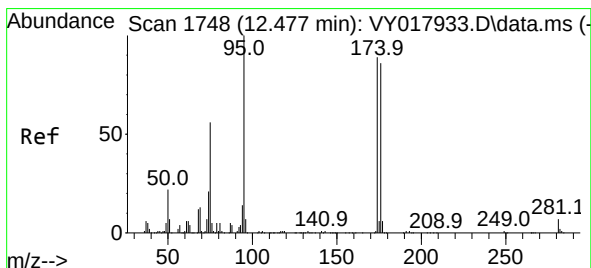
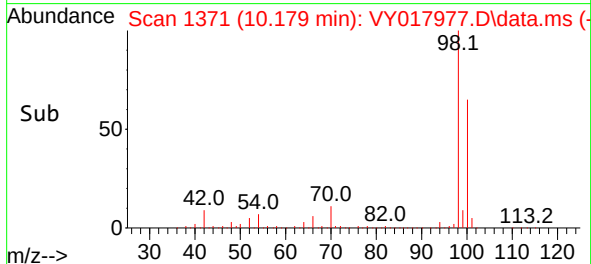
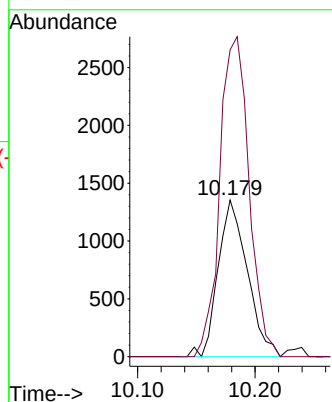
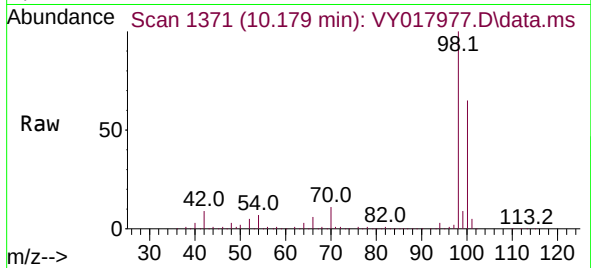




#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

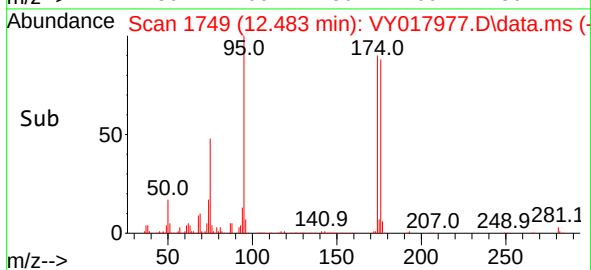
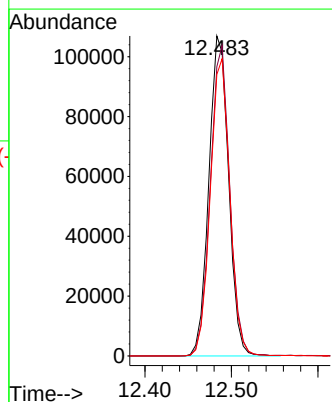
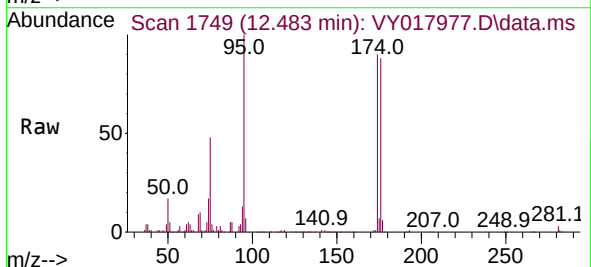
Instrument :
MSVOA_Y
ClientSampleId :

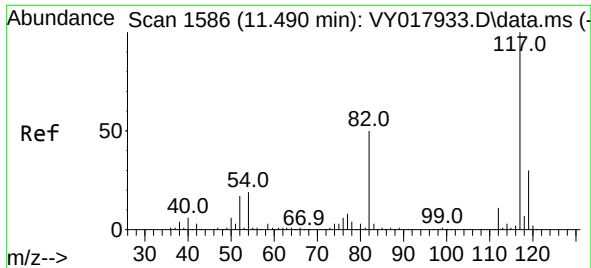
Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
58 204.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Tgt Ion: 95 Resp: 169386
Ion Ratio Lower Upper
95 100
174 95.5 0.0 175.6
176 92.3 0.0 171.4

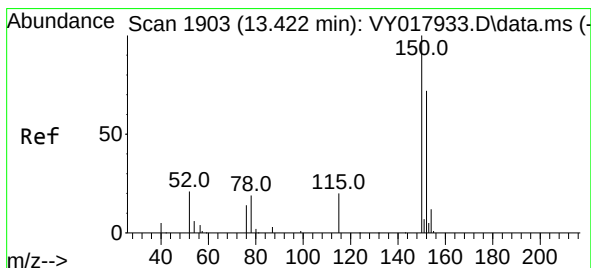
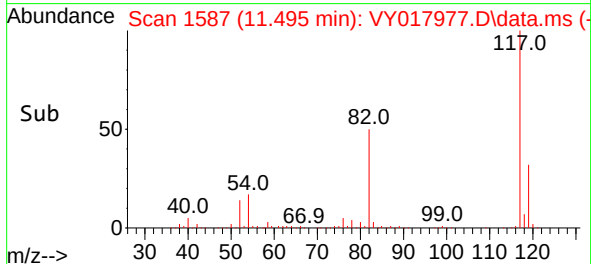
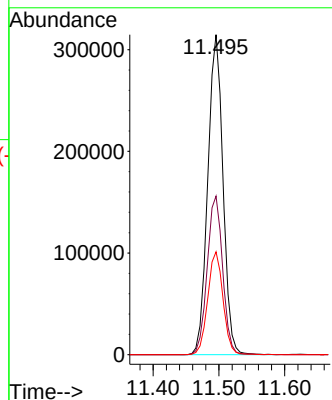
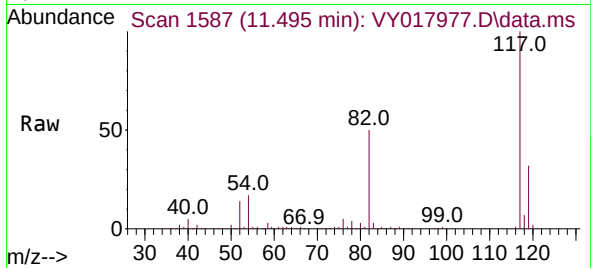




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

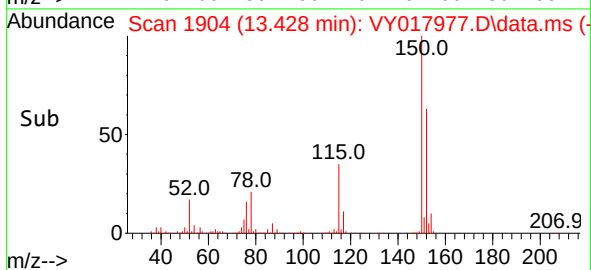
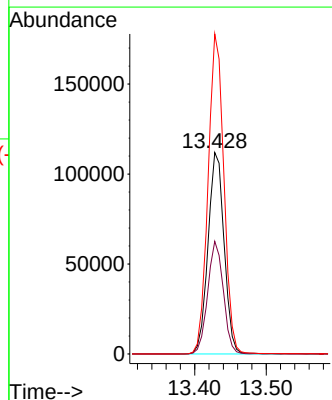
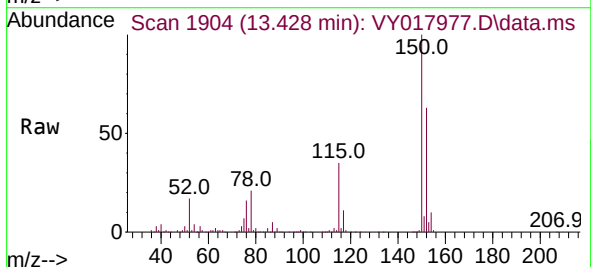
Instrument :
MSVOA_Y
ClientSampleId :

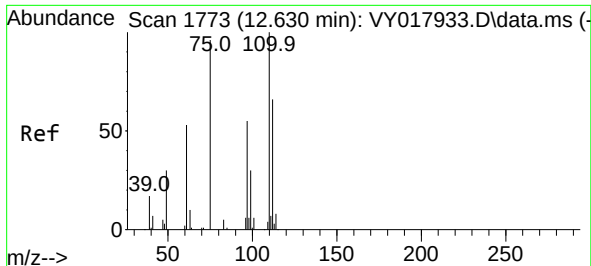
Tgt Ion:117 Resp: 506641
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Tgt Ion:152 Resp: 175093
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.9 0.0 345.6

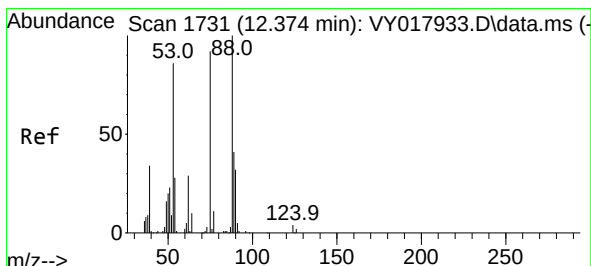
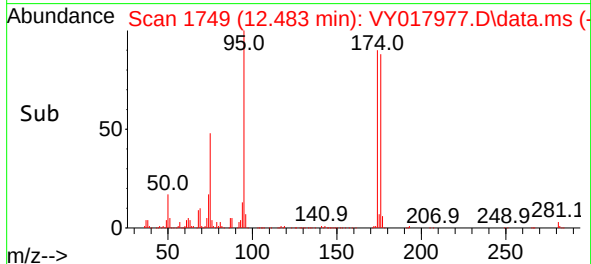
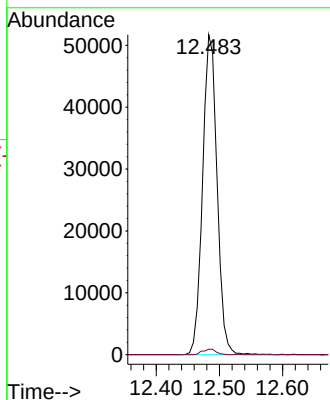
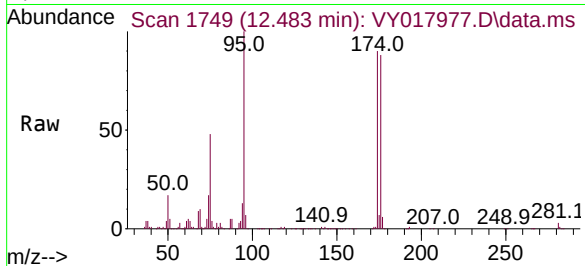




#76
1,2,3-Trichloropropane
Concen: 50.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 82318
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY017977.D
Acq: 18 Apr 2024 15:38

Tgt Ion: 75 Resp: 82318
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

