

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017909.D
 Acq On : 11 Apr 2024 14:26
 Operator : SY/MD
 Sample : P2070-05
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 12 05:00:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

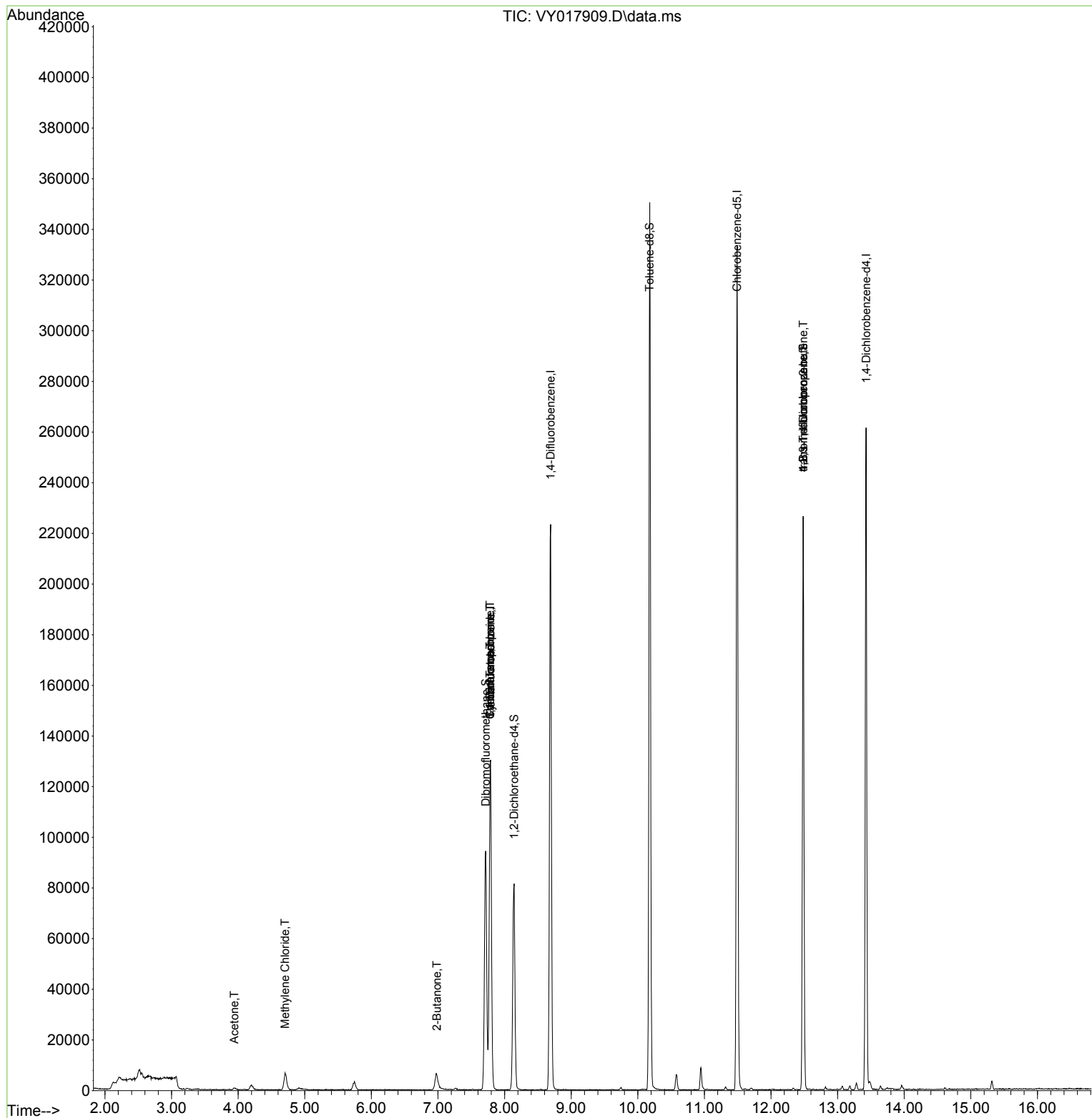
Internal Standards						
1) Pentafluorobenzene	7.789	168	106709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62859	68.074	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.140%			
35) Dibromofluoromethane	7.715	113	67159	59.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.380%			
50) Toluene-d8	10.178	98	228067	53.814	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.620%			
62) 4-Bromofluorobenzene	12.483	95	58973	45.736	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.480%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	952	Below Cal	#	88
16) Acetone	3.942	43	1230	6.444	ug/l #	70
20) Methylene Chloride	4.704	84	5019	1.728	ug/l	97
25) 2-Butanone	6.984	43	436	1.603	ug/l #	41
31) Cyclohexane	7.782	56	2446	1.504	ug/l #	29
36) 1,1-Dichloropropene	7.782	75	8126	4.909	ug/l #	47
38) Carbon Tetrachloride	7.782	117	10137	5.899	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	268	Below Cal	#	31
59) 2-Hexanone	10.947	43	126	Below Cal	#	19
70) Styrene	12.050	104	146	Below Cal	#	38
76) 1,2,3-Trichloropropane	12.483	75	32955	53.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32955	104.634	ug/l #	16

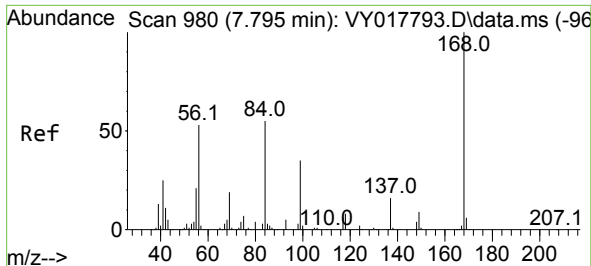
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
Data File : VY017909.D
Acq On : 11 Apr 2024 14:26
Operator : SY/MD
Sample : P2070-05
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Quant Time: Apr 12 05:00:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

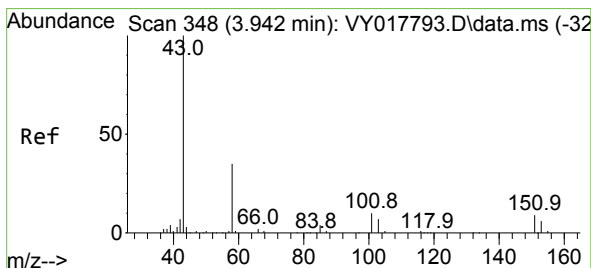
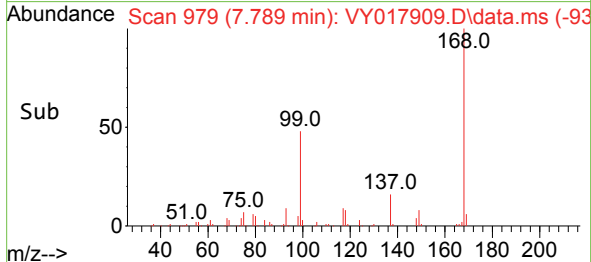
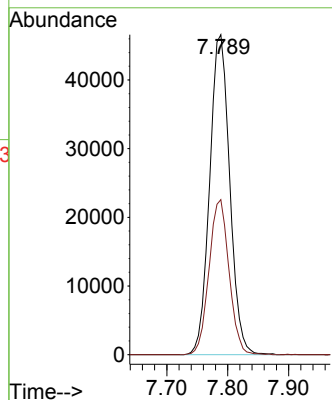
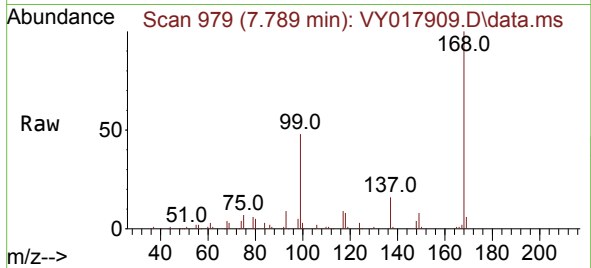




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

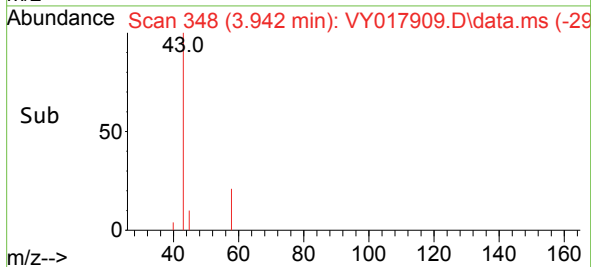
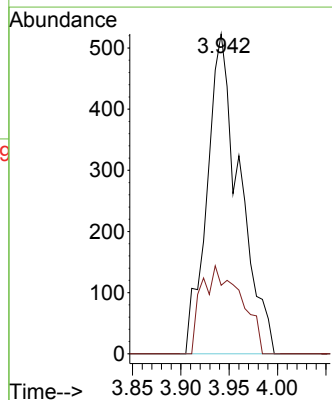
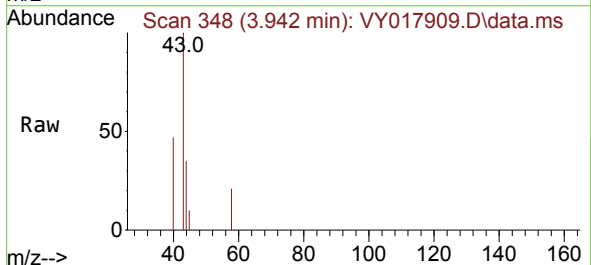
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

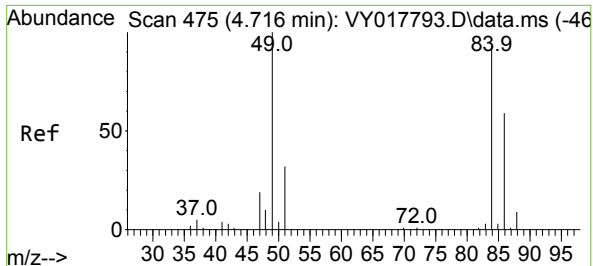
Tgt Ion:168 Resp: 106709
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#16
Acetone
Concen: 6.444 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 21.4 31.7 47.5#

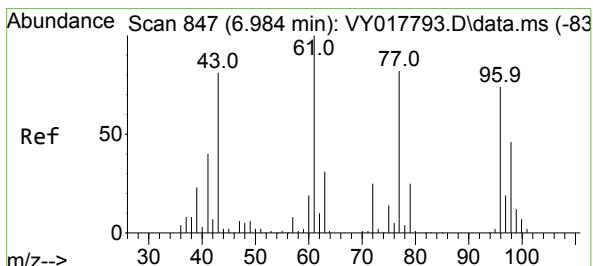
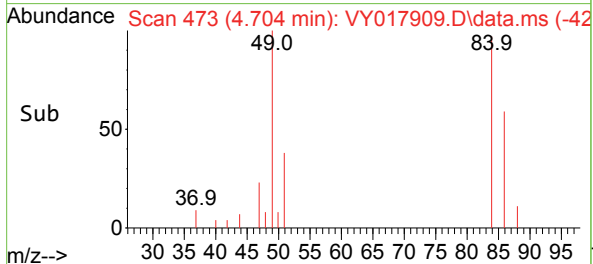
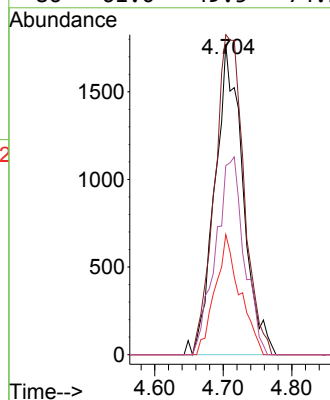
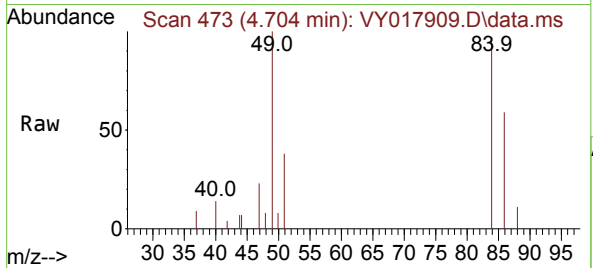




#20
Methylene Chloride
Concen: 1.728 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

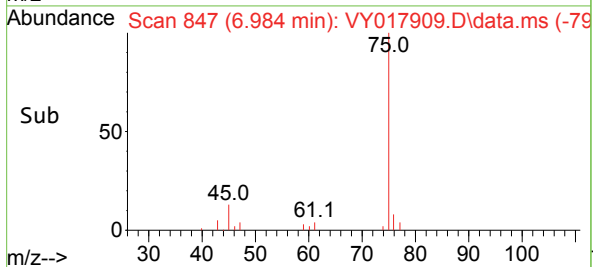
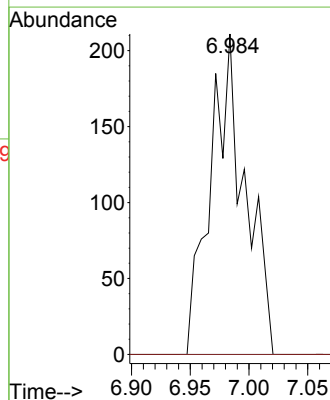
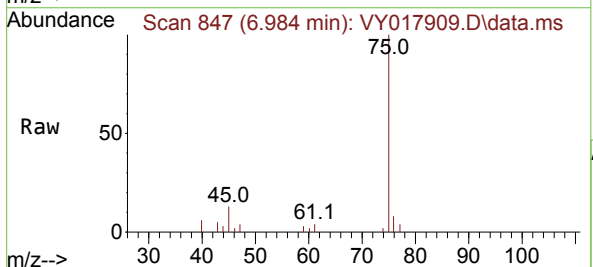
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

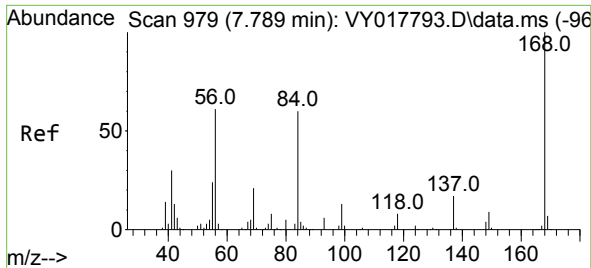
Tgt Ion:	84	Resp:	5019
Ion	Ratio	Lower	Upper
84	100		
49	103.2	84.4	126.6
51	38.7	26.0	39.0
86	61.0	49.5	74.3



#25
2-Butanone
Concen: 1.603 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion:	43	Resp:	436
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

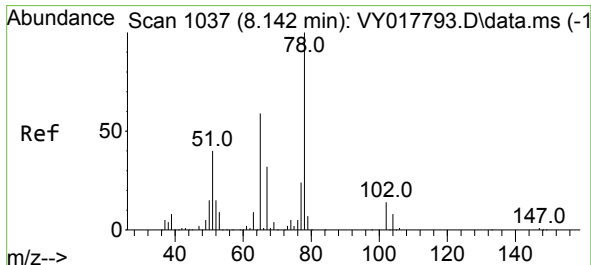
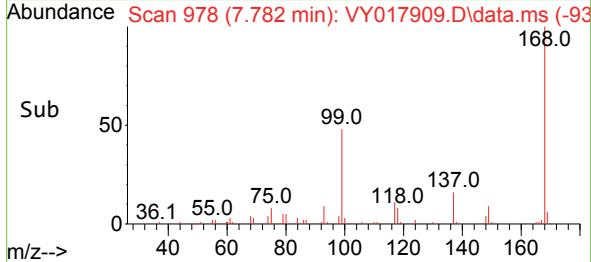
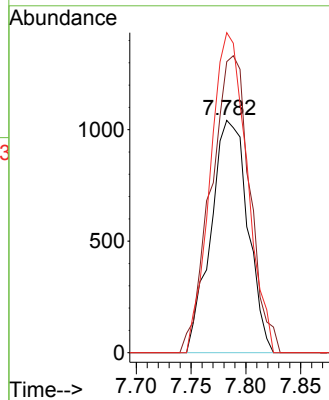
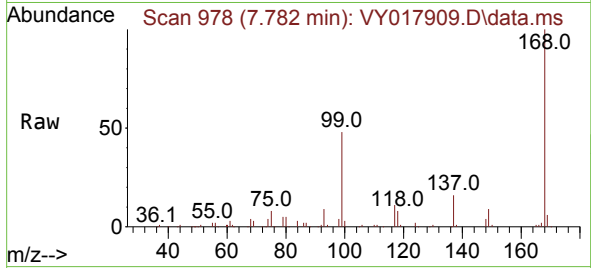




#31
Cyclohexane
Concen: 1.504 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

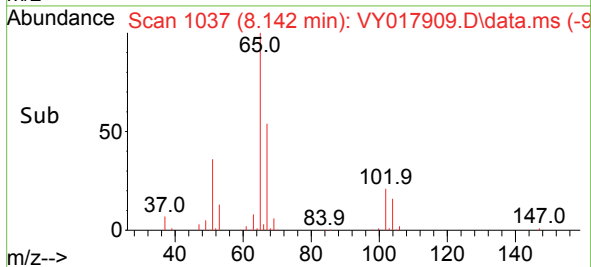
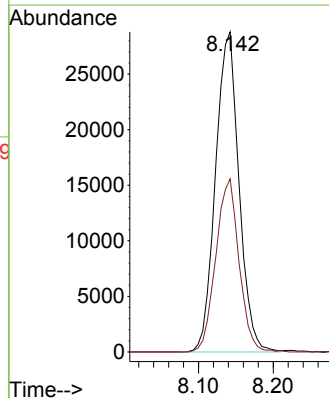
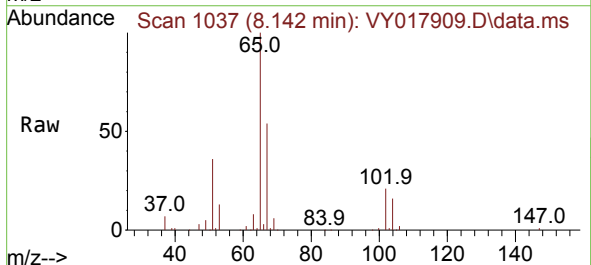
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

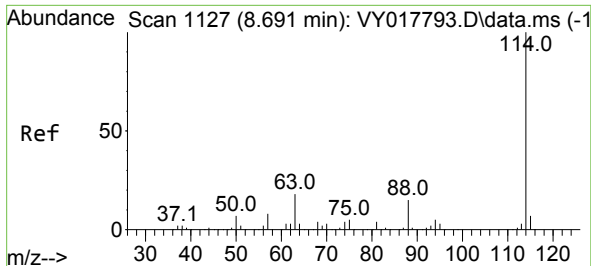
Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 125.2 28.7 43.1#
84 137.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 68.074 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion: 65 Resp: 62859
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

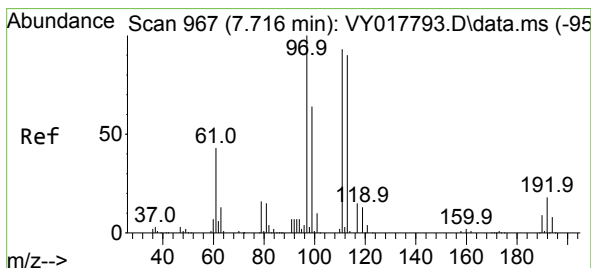
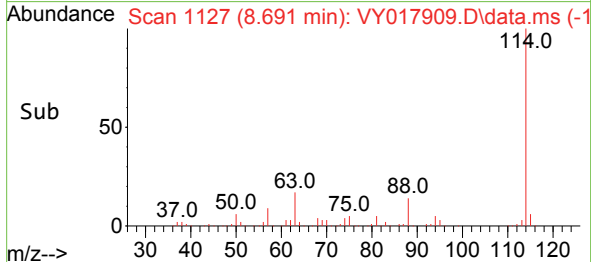
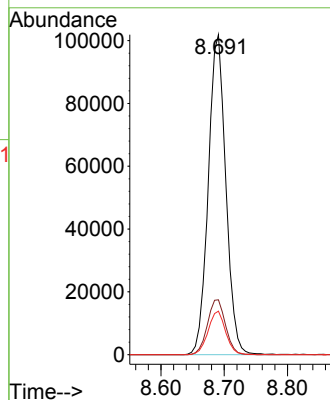
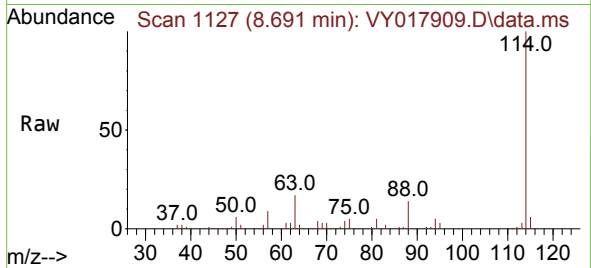




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

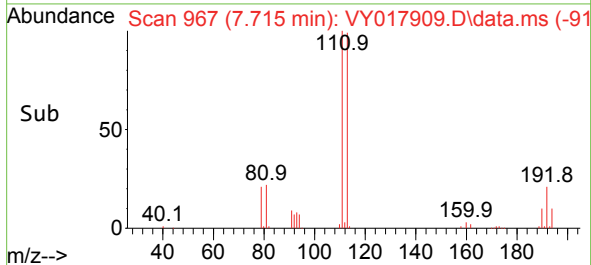
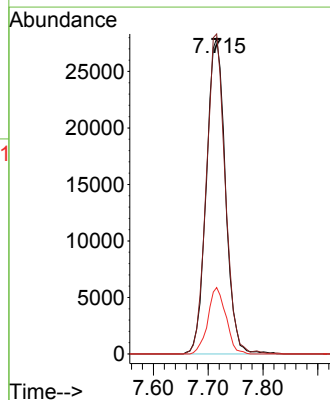
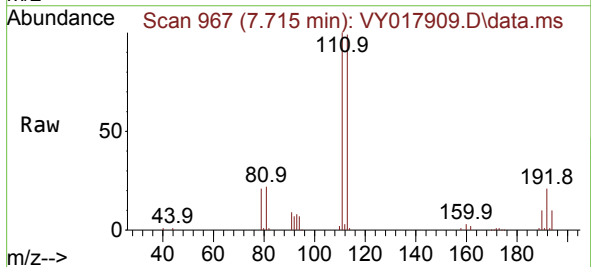
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

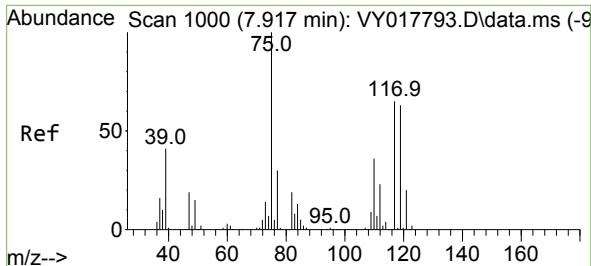
Tgt Ion:114 Resp: 196342
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 59.194 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion:113 Resp: 67159
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 20.0 15.9 23.9

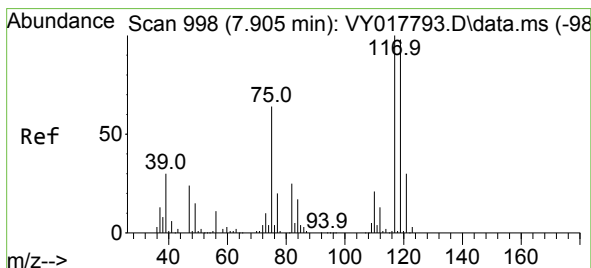
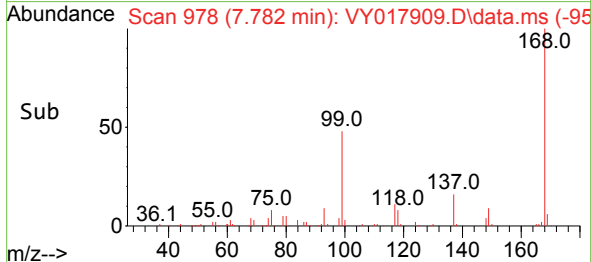
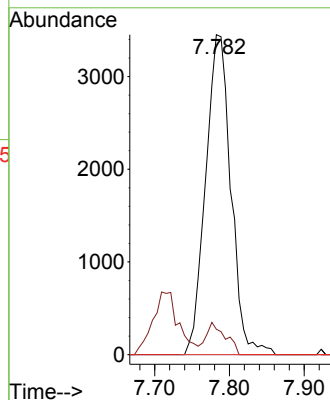
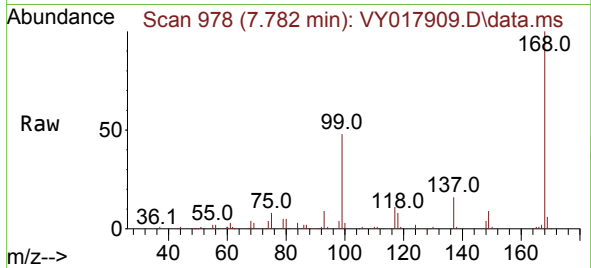




#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

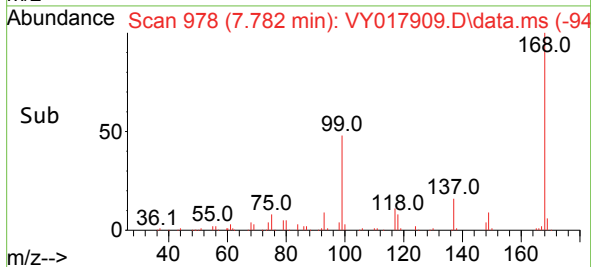
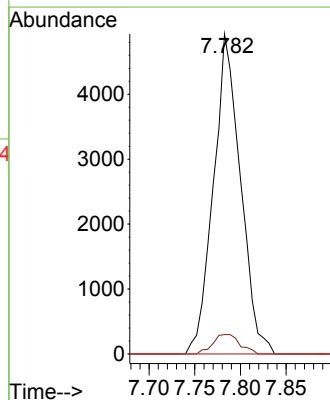
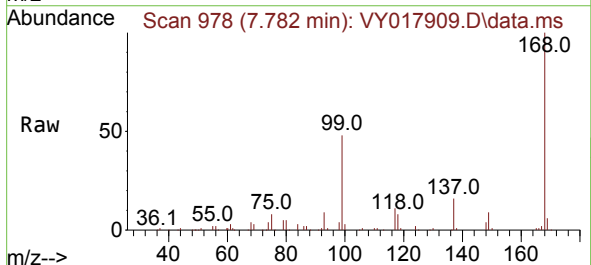
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

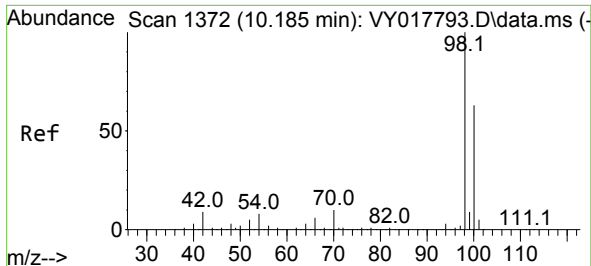
Tgt Ion: 75 Resp: 8126
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion: 117 Resp: 10137
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#

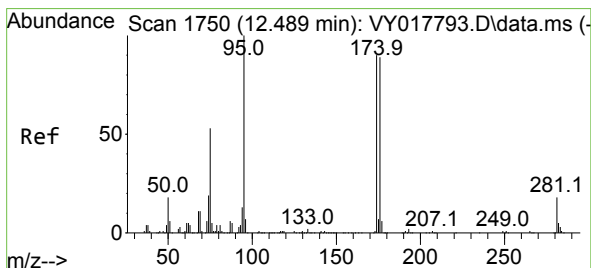
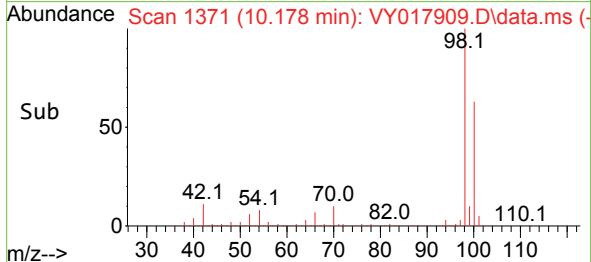
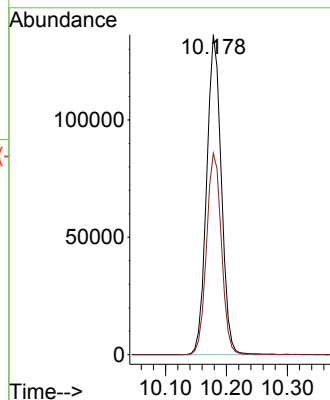
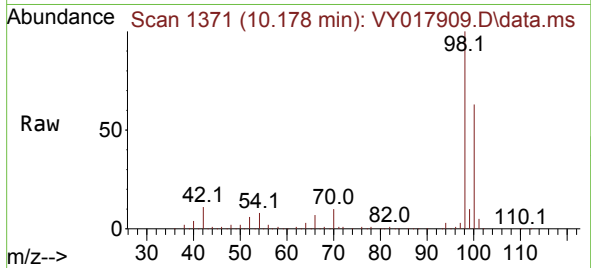




#50
Toluene-d8
Concen: 53.814 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

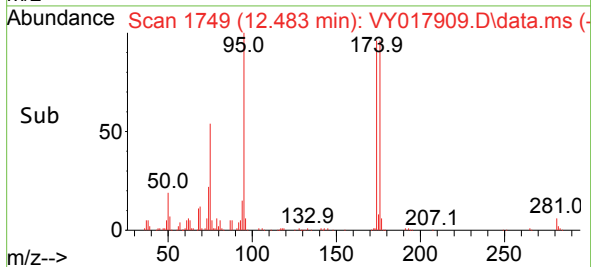
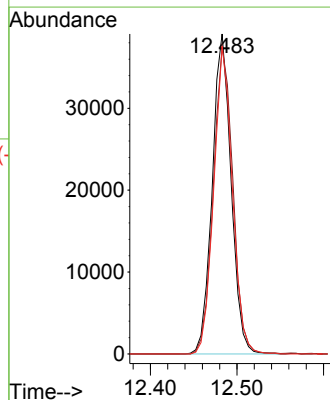
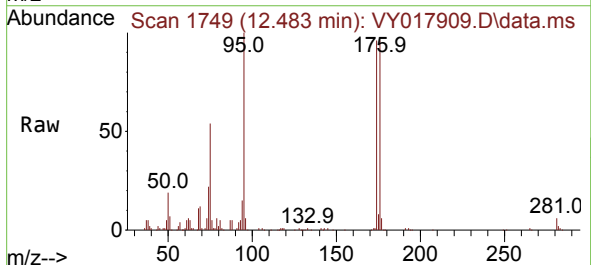
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

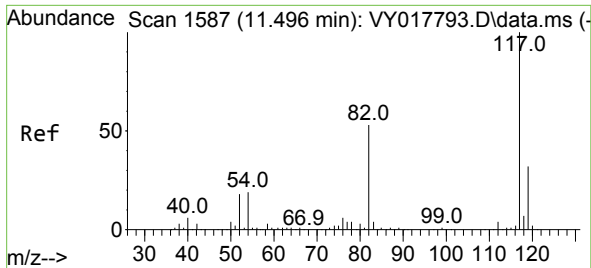
Tgt Ion: 98 Resp: 228067
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.736 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion: 95 Resp: 58973
Ion Ratio Lower Upper
95 100
174 99.5 0.0 175.6
176 95.2 0.0 171.4

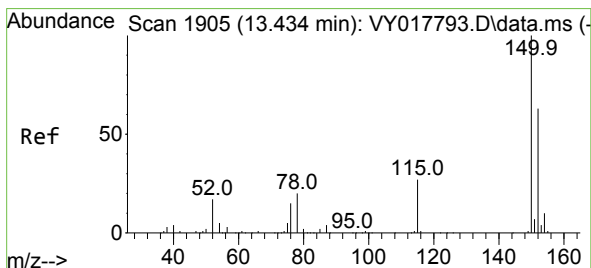
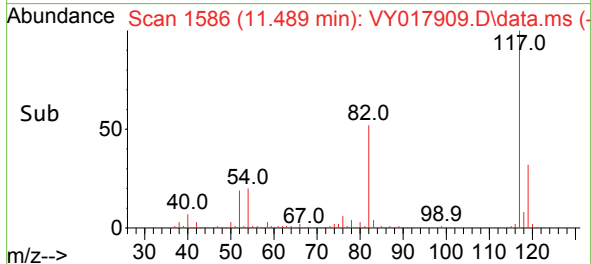
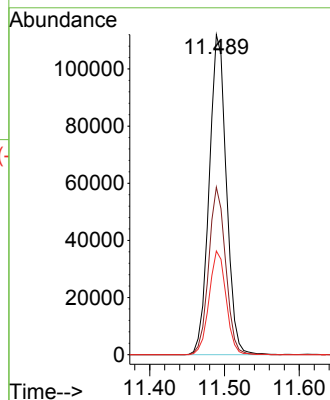
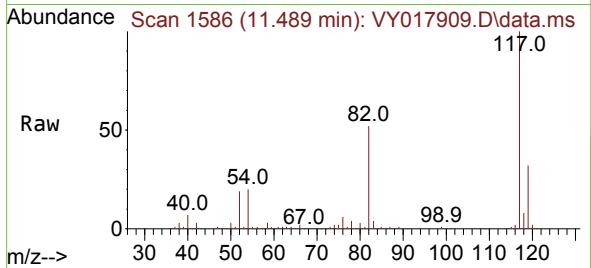




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

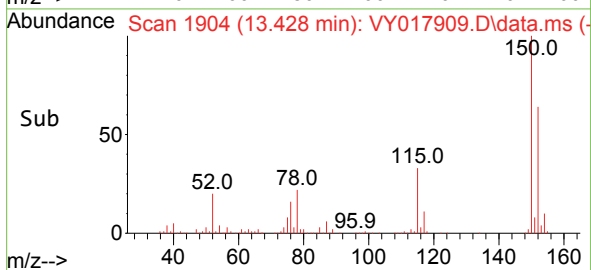
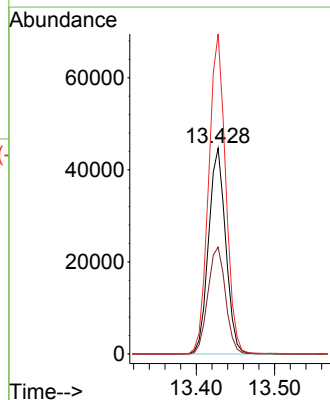
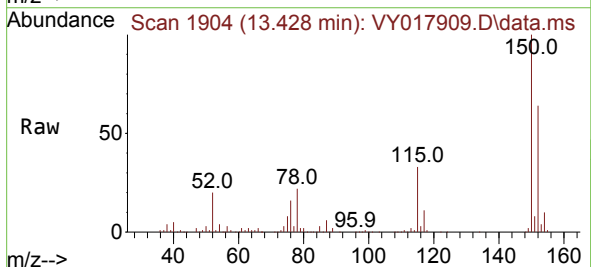
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

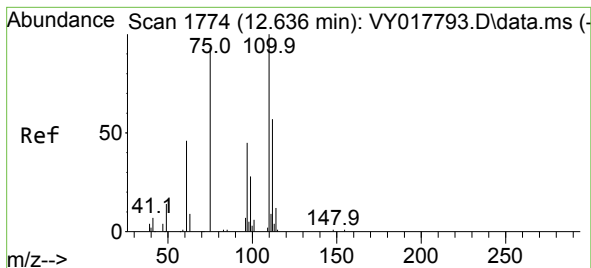
Tgt Ion:117 Resp: 178728
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017909.D
Acq: 11 Apr 2024 14:26

Tgt Ion:152 Resp: 67862
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.7
150 154.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 53.291 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY017909.D

Acq: 11 Apr 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

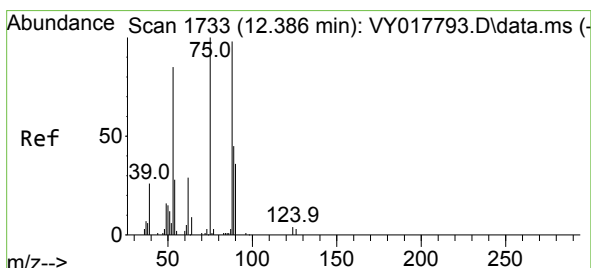
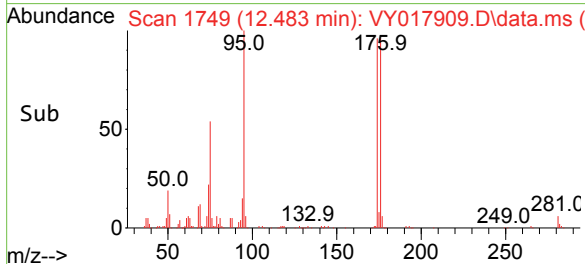
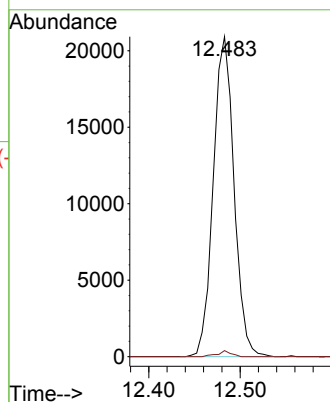
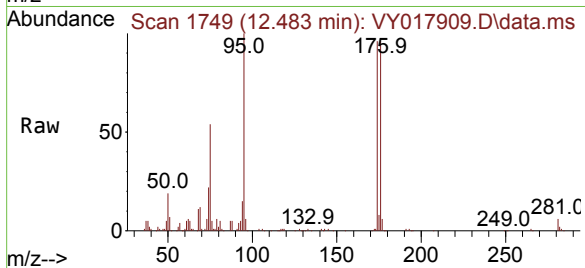
TP-3

Tgt Ion: 75 Resp: 32955

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.634 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY017909.D

Acq: 11 Apr 2024 14:26

Tgt Ion: 75 Resp: 32955

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

