

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017907.D
 Acq On : 11 Apr 2024 13:38
 Operator : SY/MD
 Sample : P2070-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 12 05:00:16 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

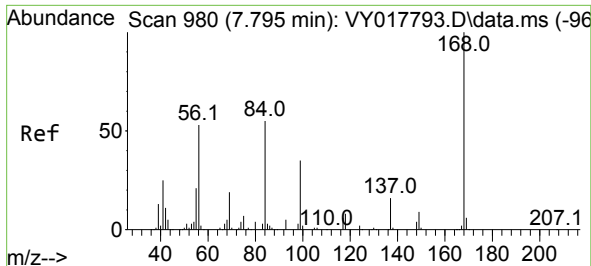
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	107243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64854	69.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.760%	
35) Dibromofluoromethane	7.722	113	66840	57.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.940%	
50) Toluene-d8	10.185	98	234101	54.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.720%	
62) 4-Bromofluorobenzene	12.483	95	61503	46.938	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	654	Below Cal	#	88
16) Acetone	3.948	43	912	4.754	ug/l	88
20) Methylene Chloride	4.716	84	4597	1.326	ug/l	94
25) 2-Butanone	6.984	43	310	1.134	ug/l #	41
31) Cyclohexane	7.789	56	2248	1.375	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8008	4.760	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9684	5.545	ug/l #	18
51) 4-Methyl-2-Pentanone	10.069	43	209	Below Cal	#	31
59) 2-Hexanone	10.801	43	20	Below Cal	#	19
69) o-Xylene	12.044	106	51	Below Cal	#	1
70) Styrene	12.050	104	112	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.483	75	33872	53.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33872	104.571	ug/l #	16

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

Quant Time: Apr 12 05:00:16 2024
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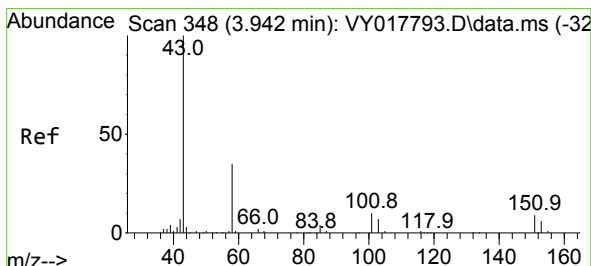
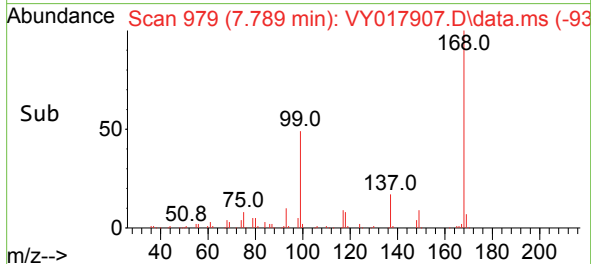
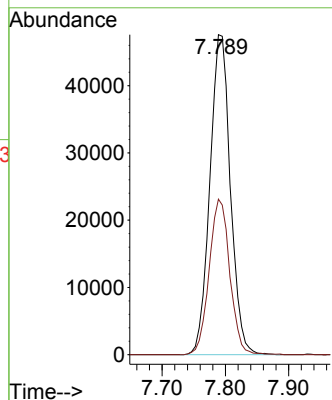
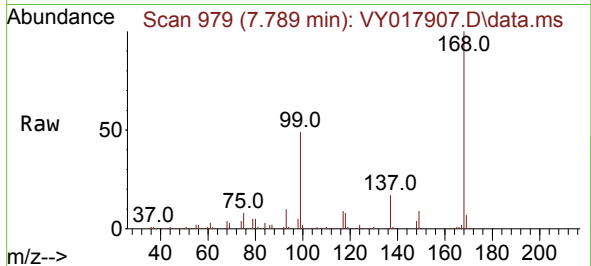




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

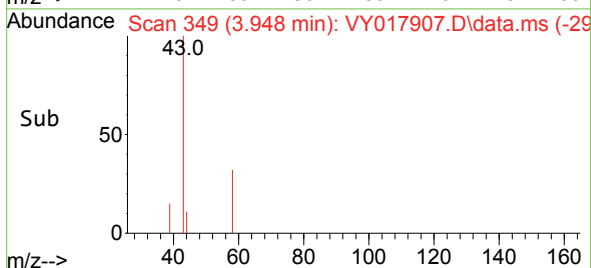
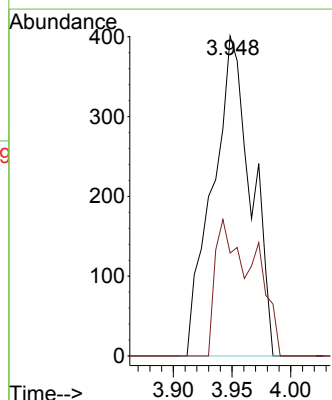
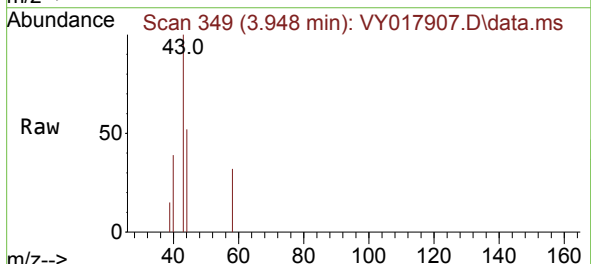
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

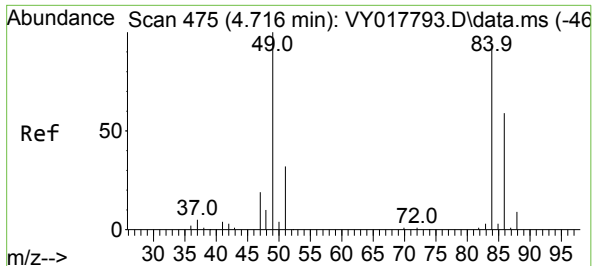
Tgt Ion:168 Resp: 107243
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#16
Acetone
Concen: 4.754 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 32.2 31.7 47.5



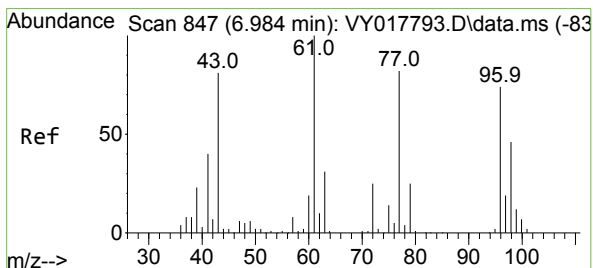
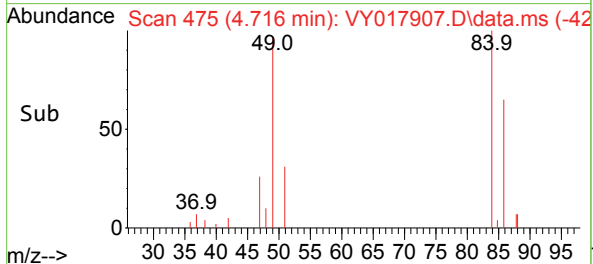
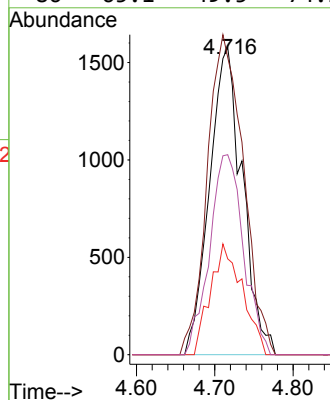
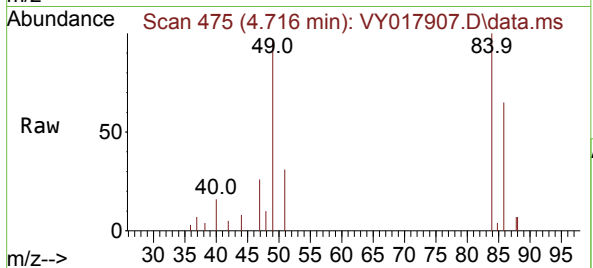


#20
Methylene Chloride
Concen: 1.326 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 4597

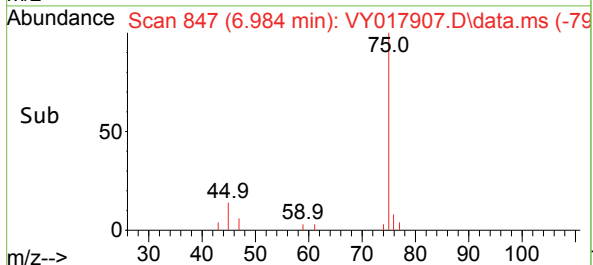
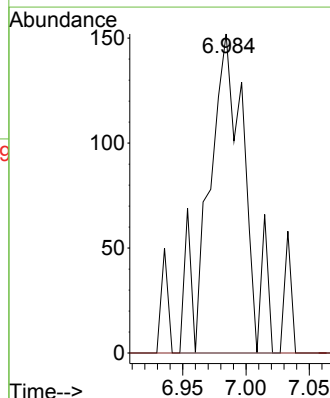
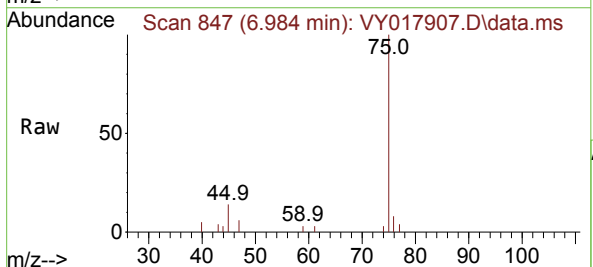
Ion	Ratio	Lower	Upper
84	100		
49	96.7	84.4	126.6
51	31.2	26.0	39.0
86	65.1	49.5	74.3

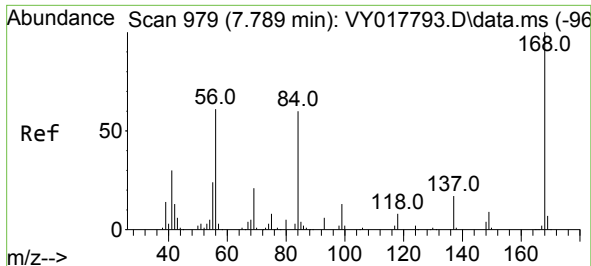


#25
2-Butanone
Concen: 1.134 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 43 Resp: 310

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

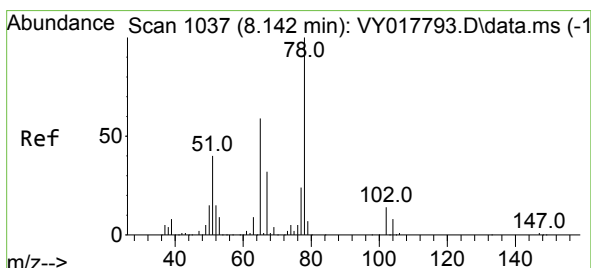
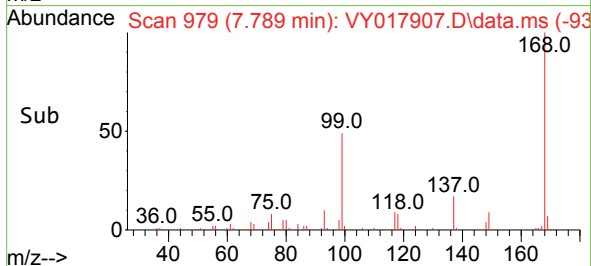
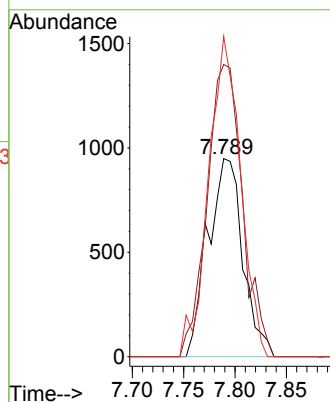
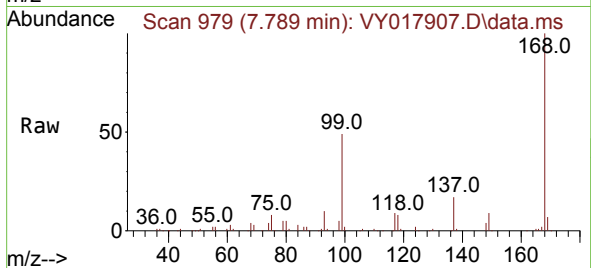




#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

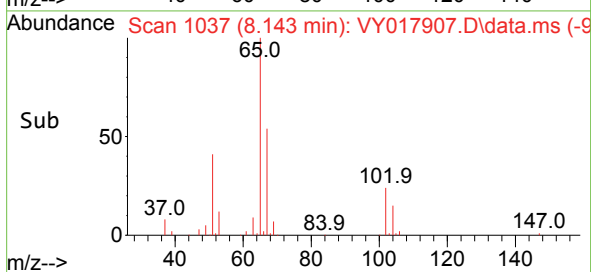
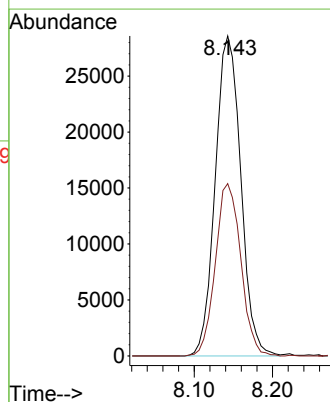
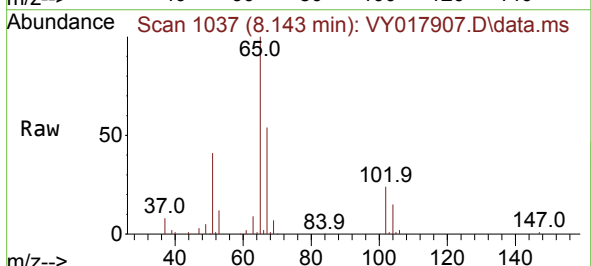
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

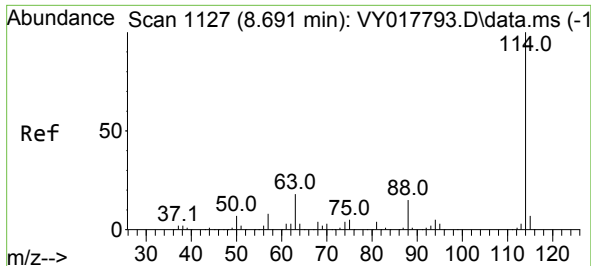
Tgt Ion: 56 Resp: 2248
Ion Ratio Lower Upper
56 100
69 147.5 28.7 43.1#
84 161.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 69.885 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 65 Resp: 64854
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

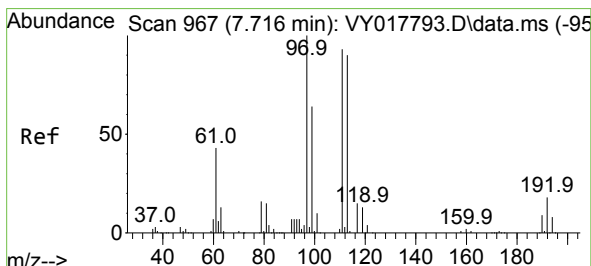
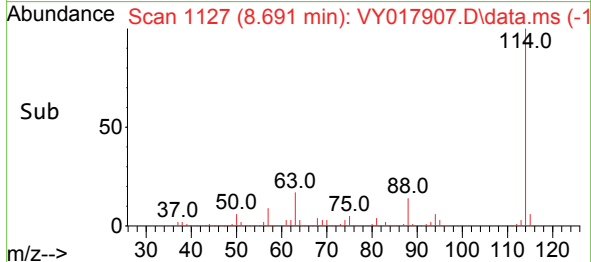
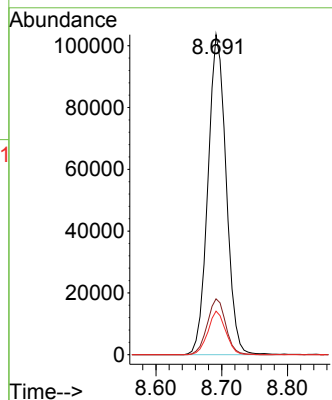
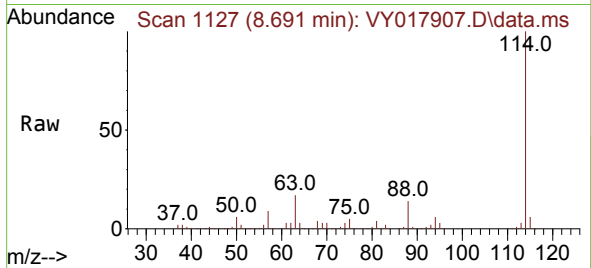




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

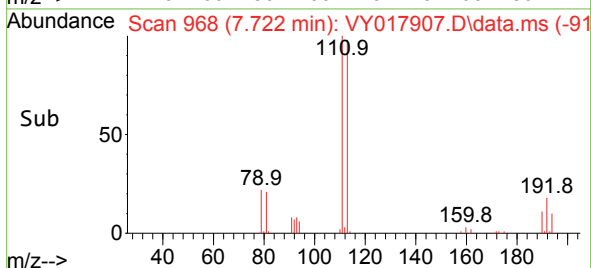
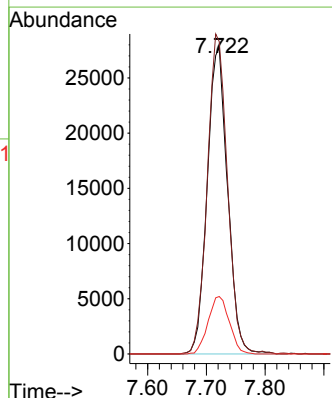
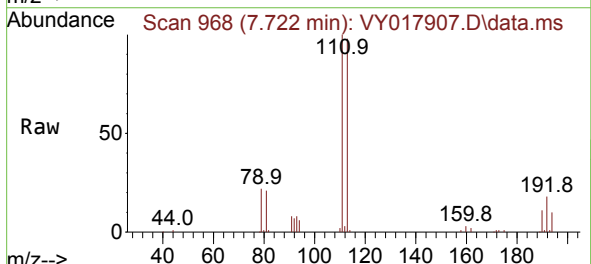
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

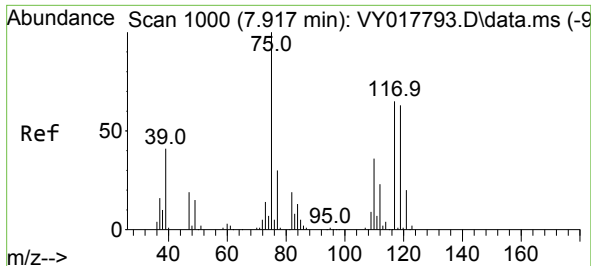
Tgt Ion:114 Resp: 199521
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.975 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion:113 Resp: 66840
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.5 15.9 23.9

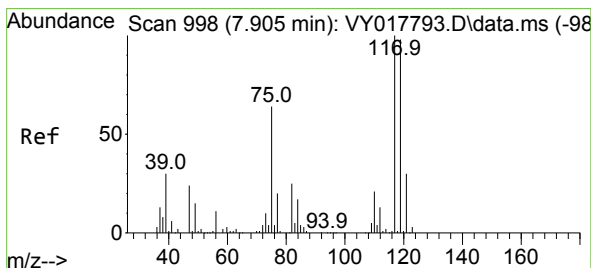
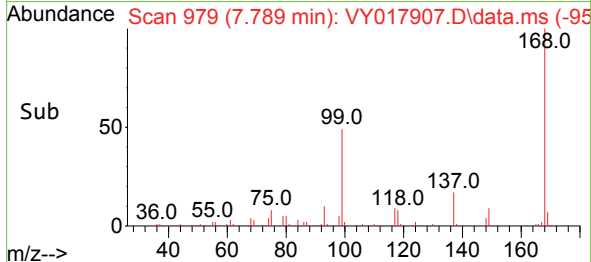
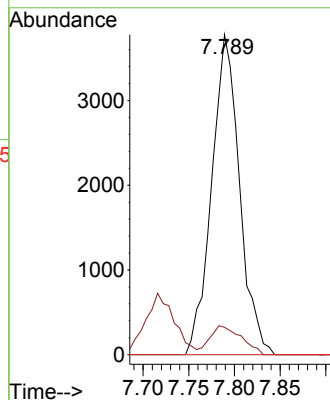
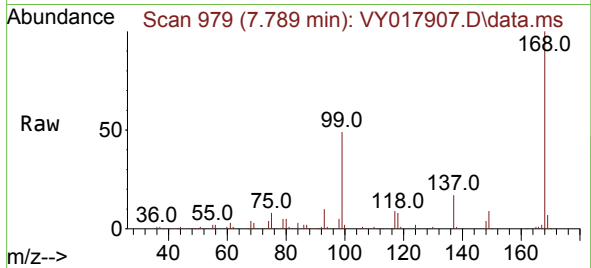




#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

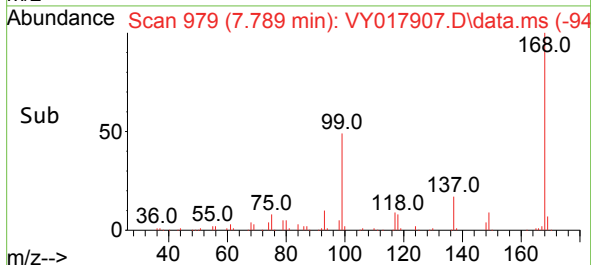
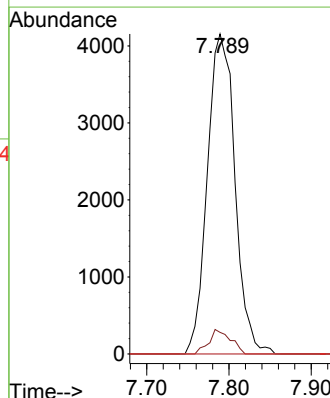
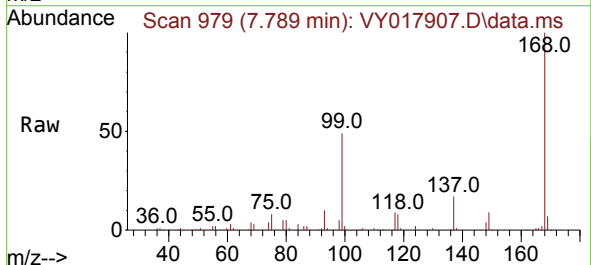
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

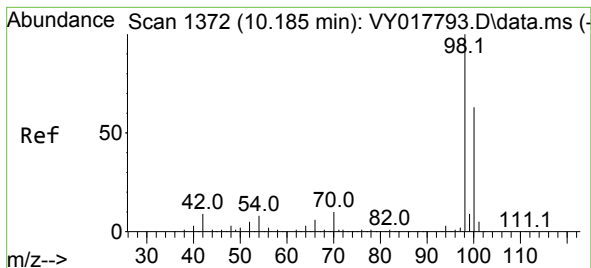
Tgt Ion: 75 Resp: 8008
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion: 117 Resp: 9684
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 54.358 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

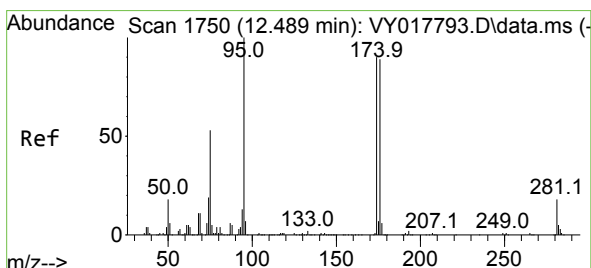
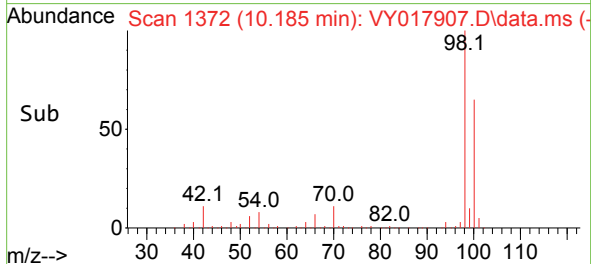
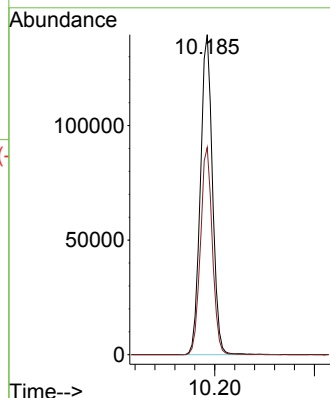
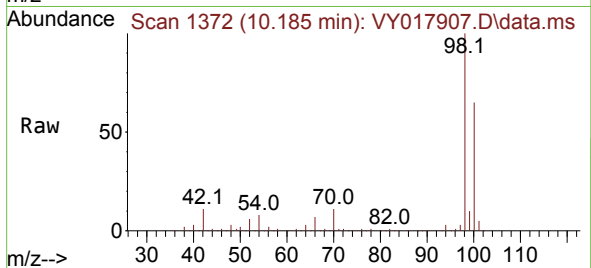
TP-1

Tgt Ion: 98 Resp: 234101

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.938 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

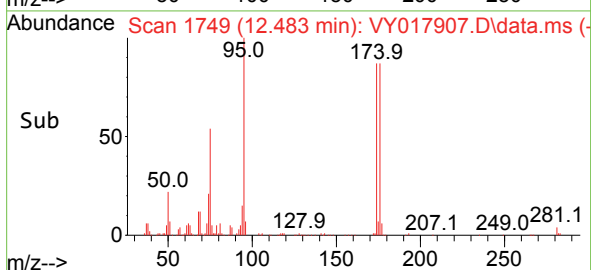
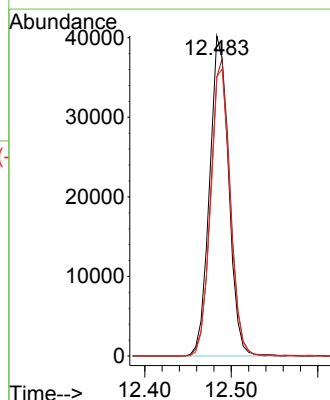
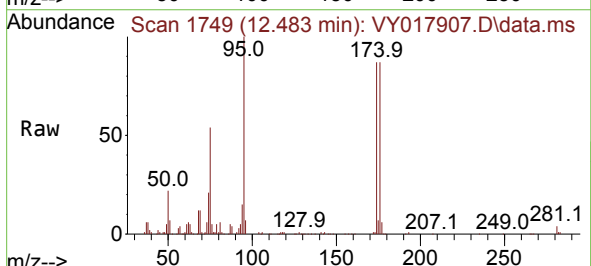
Tgt Ion: 95 Resp: 61503

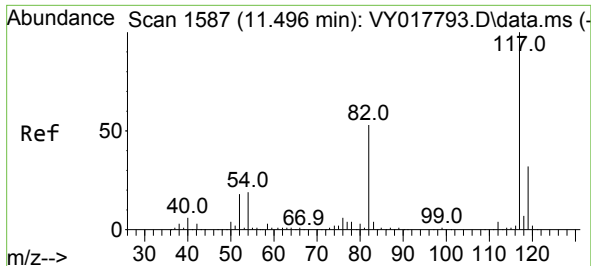
Ion Ratio Lower Upper

95 100

174 95.4 0.0 175.6

176 92.0 0.0 171.4

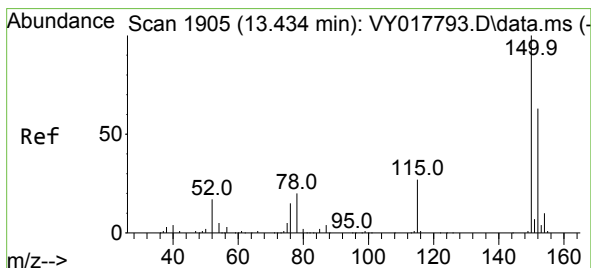
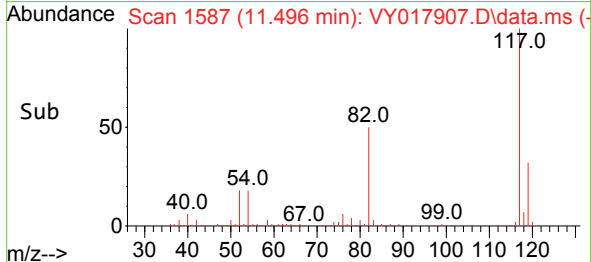
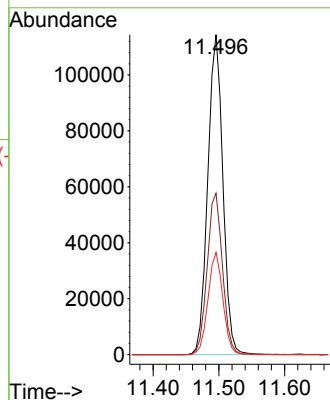
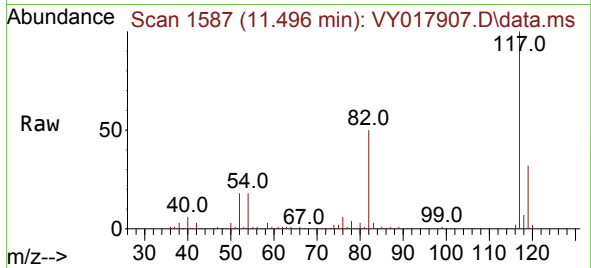




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

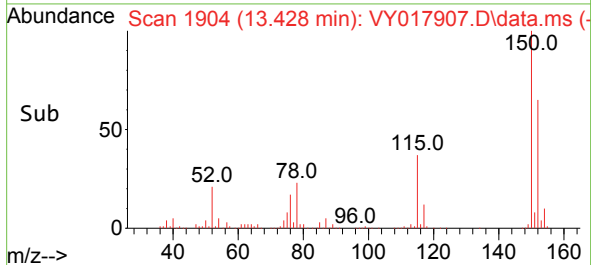
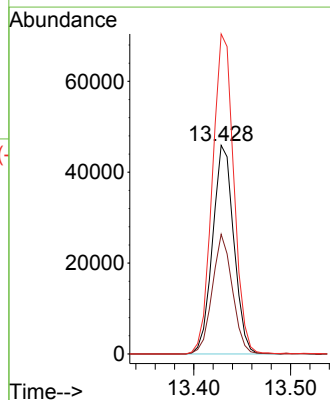
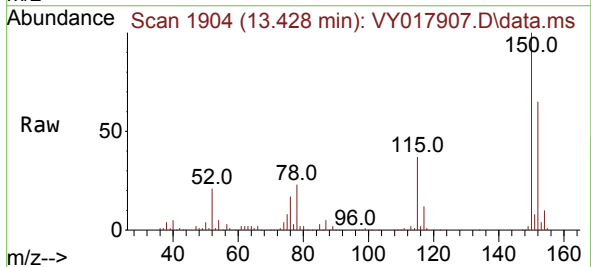
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

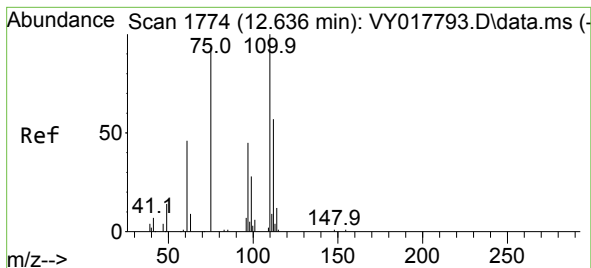
Tgt Ion:117 Resp: 183109
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017907.D
Acq: 11 Apr 2024 13:38

Tgt Ion:152 Resp: 69805
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 154.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 53.249 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

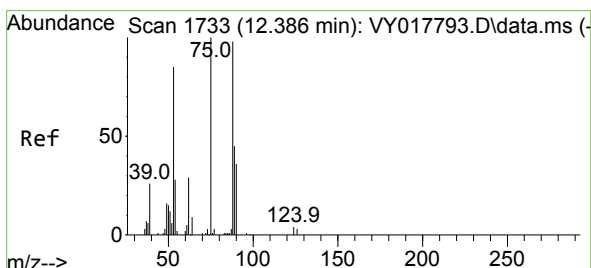
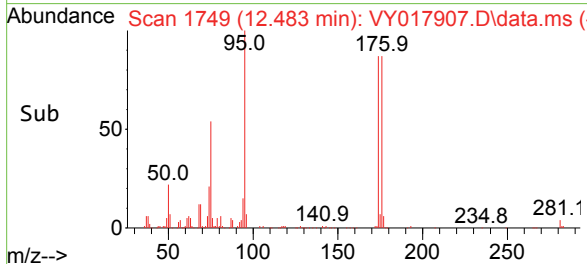
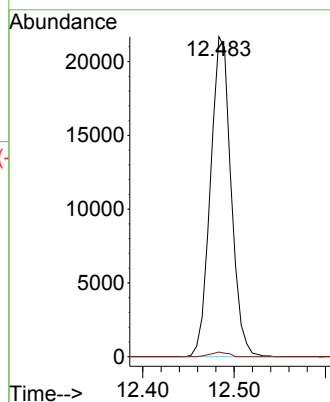
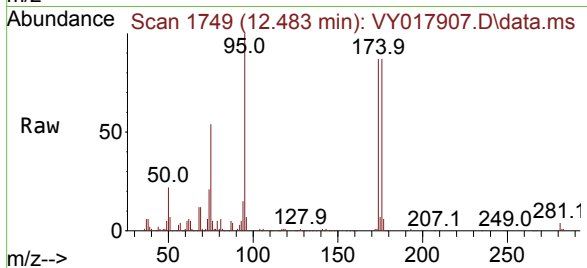
TP-1

Tgt Ion: 75 Resp: 33872

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.571 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY017907.D

Acq: 11 Apr 2024 13:38

Tgt Ion: 75 Resp: 33872

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

