

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017912.D
 Acq On : 11 Apr 2024 15:37
 Operator : SY/MD
 Sample : P2071-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-041024

Quant Time: Apr 12 05:02:00 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)

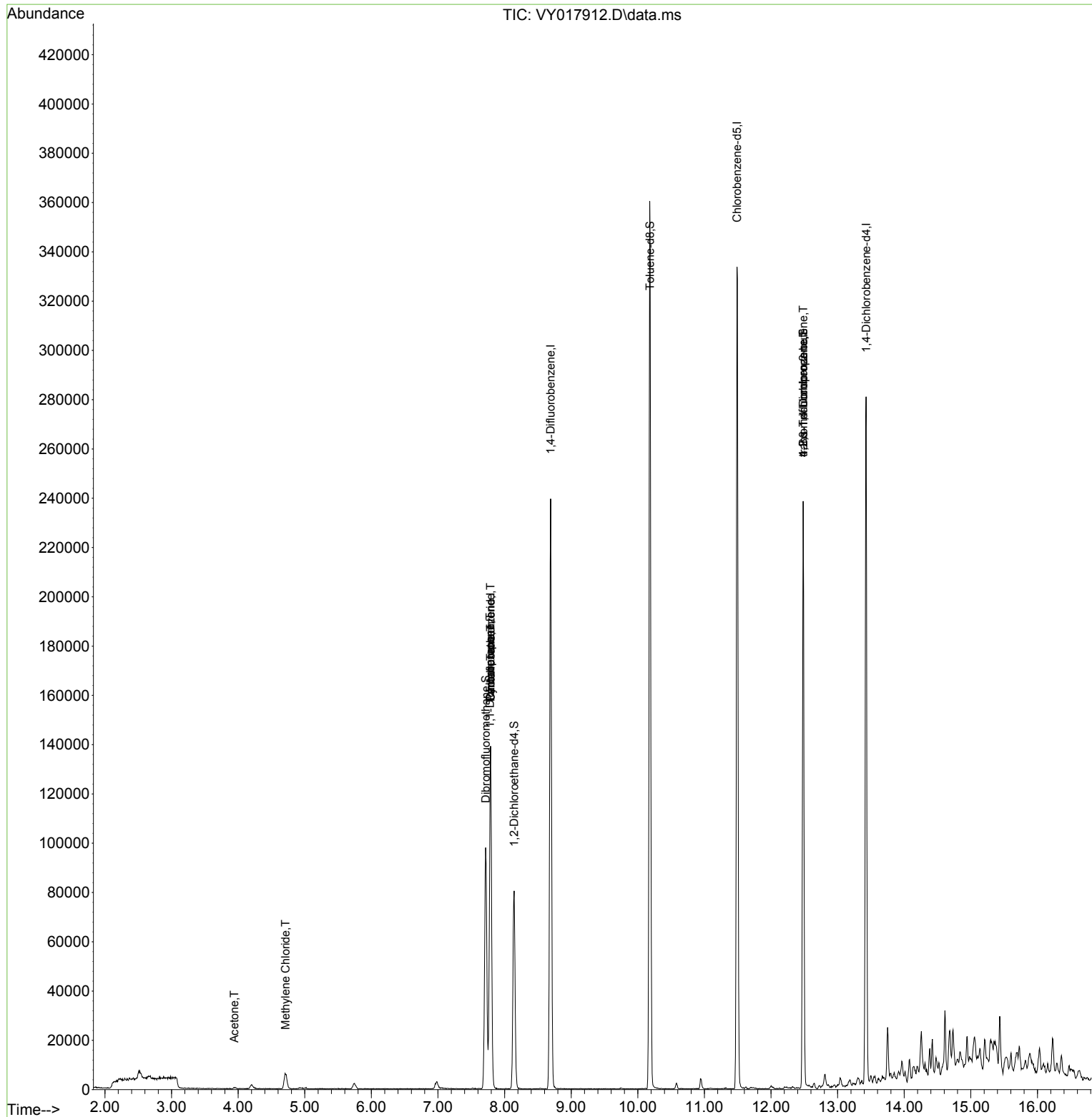
Internal Standards						
1) Pentafluorobenzene	7.789	168	109880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61750	64.943	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.880%			
35) Dibromofluoromethane	7.716	113	66728	56.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.600%			
50) Toluene-d8	10.185	98	237876	53.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.483	95	61554	45.693	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.380%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	270	Below Cal	#	88
16) Acetone	3.942	43	1027	5.225	ug/l	89
20) Methylene Chloride	4.710	84	5264	1.812	ug/l	97
31) Cyclohexane	7.789	56	2329	1.390	ug/l	# 22
36) 1,1-Dichloropropene	7.783	75	8722	5.043	ug/l	# 47
38) Carbon Tetrachloride	7.789	117	9982	5.560	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.081	43	60	Below Cal	#	31
59) 2-Hexanone	10.935	43	20	Below Cal	#	19
69) o-Xylene	12.026	106	65	Below Cal		48
70) Styrene	12.038	104	55	Below Cal	#	65
74) N-amyl acetate	12.123	43	23	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	34599	53.118	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	34599	104.374	ug/l	# 16

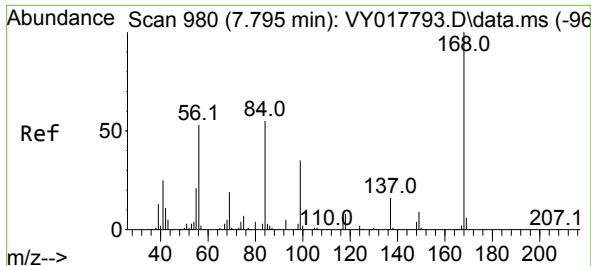
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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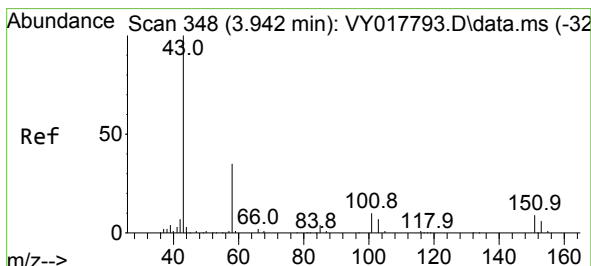
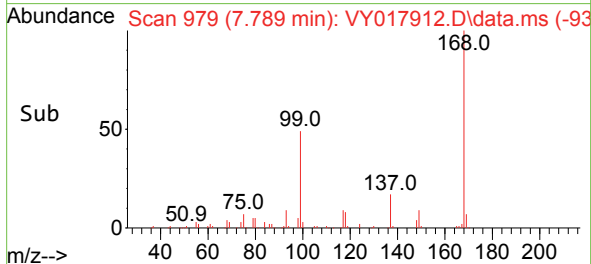
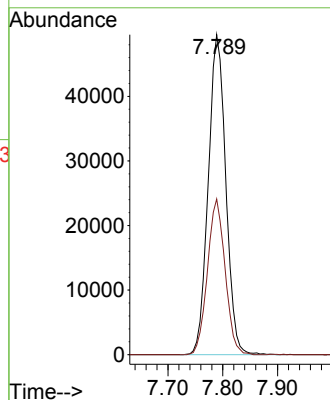
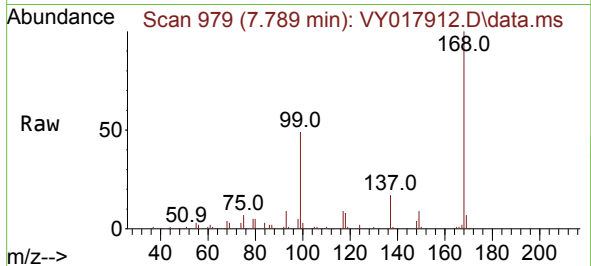




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

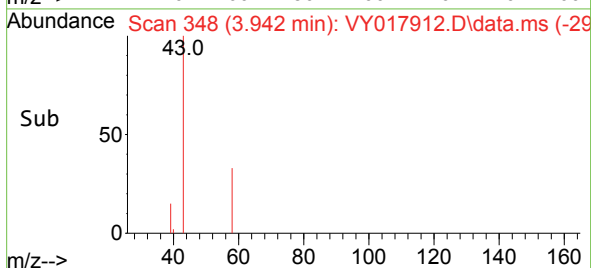
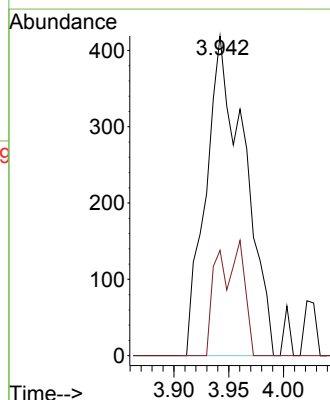
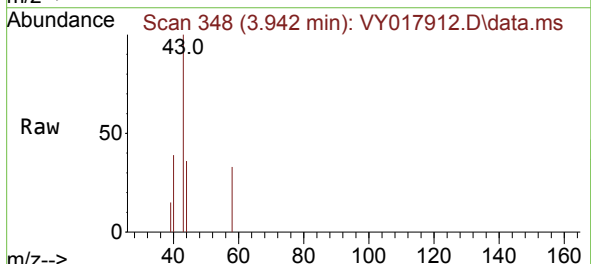
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-041024

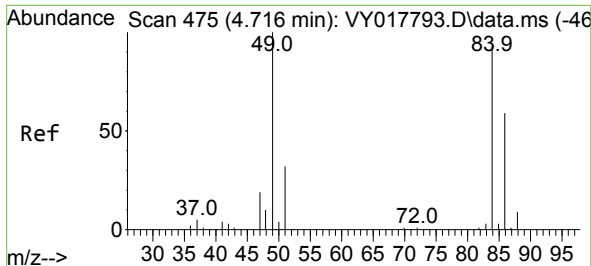
Tgt Ion:168 Resp: 109880
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#16
Acetone
Concen: 5.225 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5

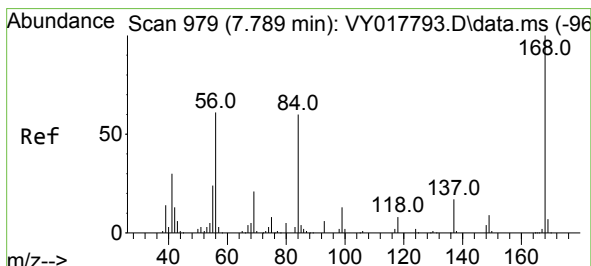
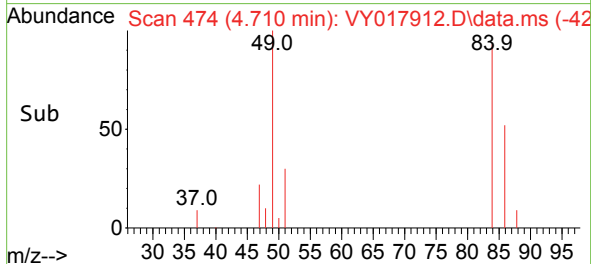
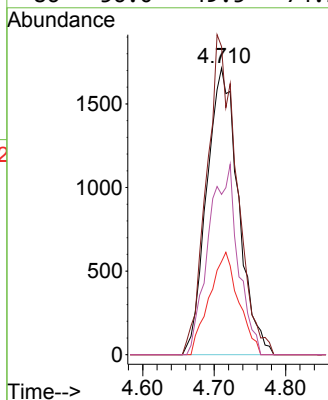
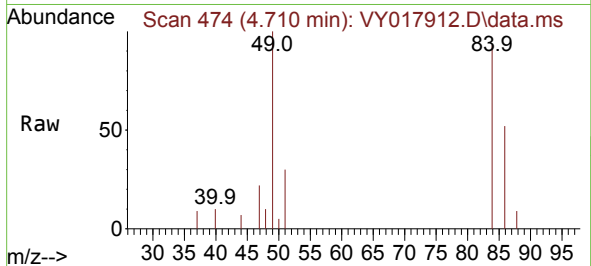




#20
Methylene Chloride
Concen: 1.812 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

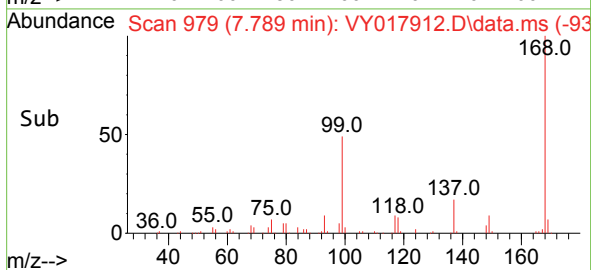
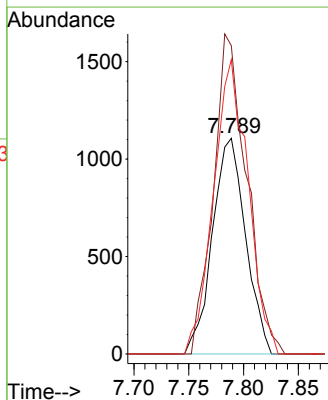
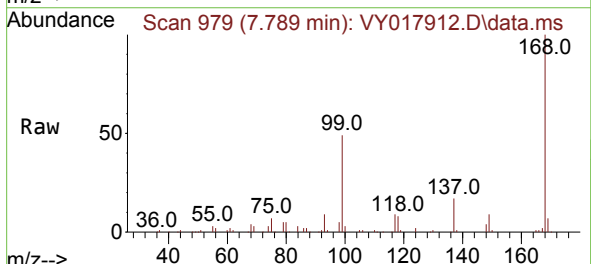
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-041024

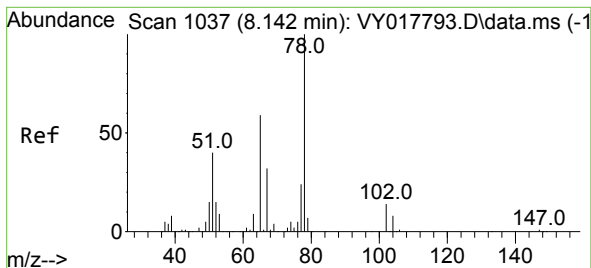
Tgt Ion: 84	Resp: 5264
Ion Ratio	Lower Upper
84 100	
49 107.5	84.4 126.6
51 32.5	26.0 39.0
86 56.0	49.5 74.3



#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion: 56	Resp: 2329
Ion Ratio	Lower Upper
56 100	
69 142.9	28.7 43.1#
84 136.4	77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 64.943 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017912.D

Acq: 11 Apr 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

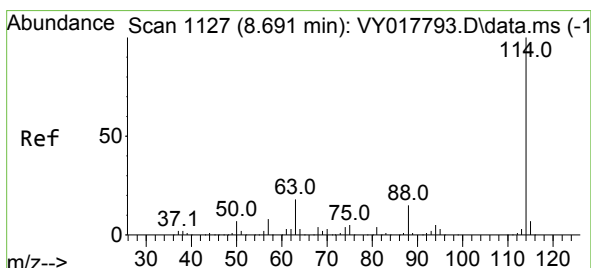
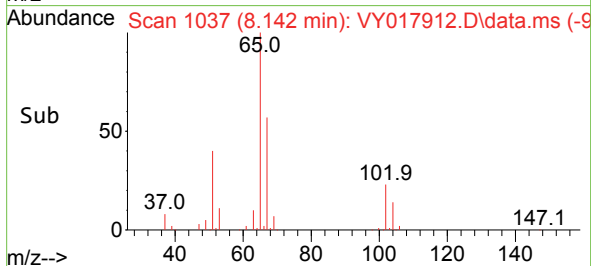
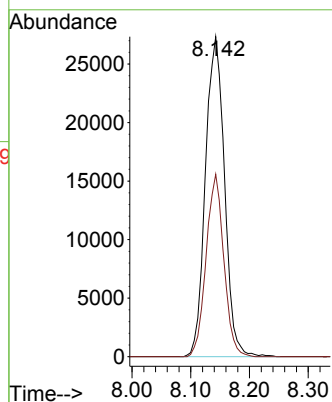
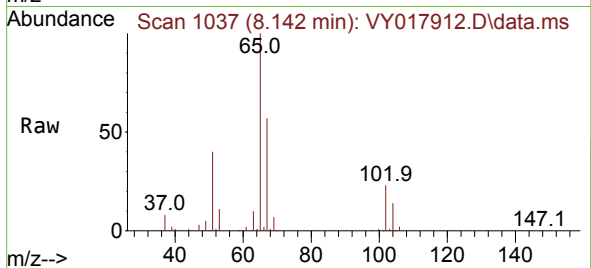
PL-01-041024

Tgt Ion: 65 Resp: 61750

Ion Ratio Lower Upper

65 100

67 52.9 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: VY017912.D

Acq: 11 Apr 2024 15:37

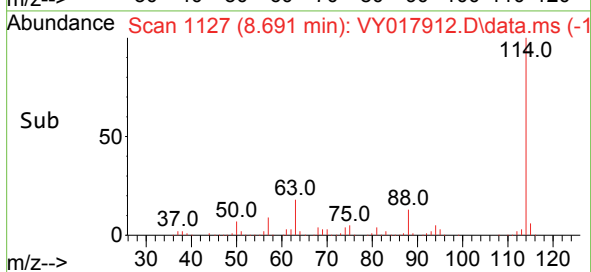
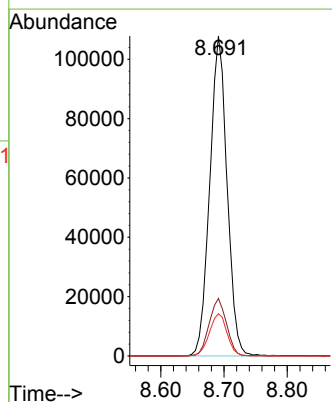
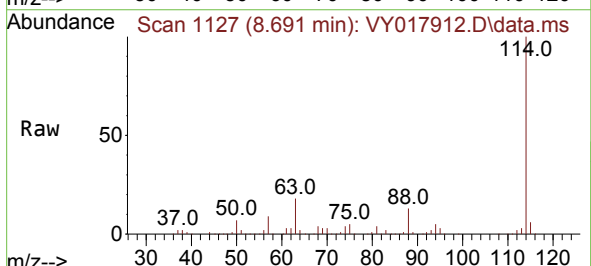
Tgt Ion:114 Resp: 205126

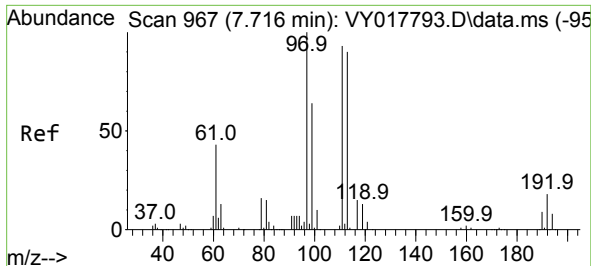
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.2 0.0 27.2

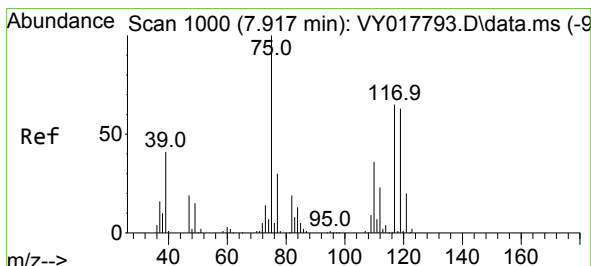
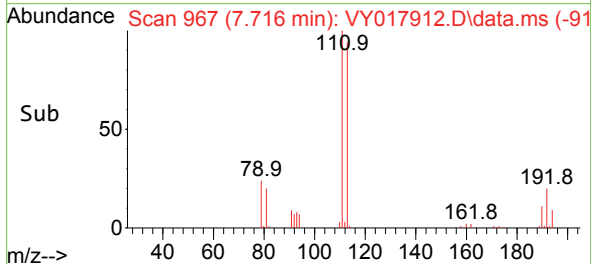
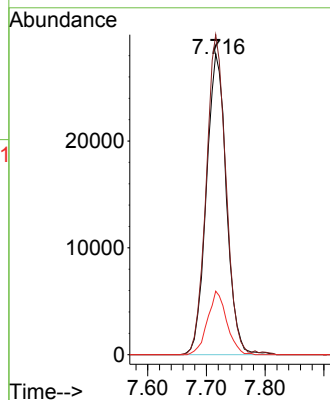
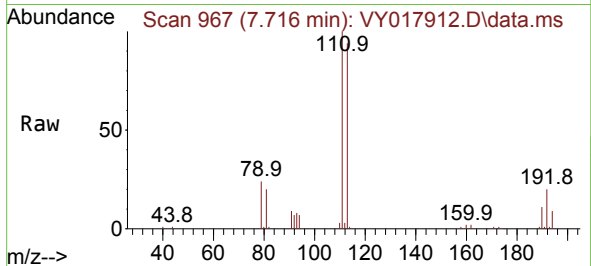




#35
Dibromofluoromethane
Concen: 56.296 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

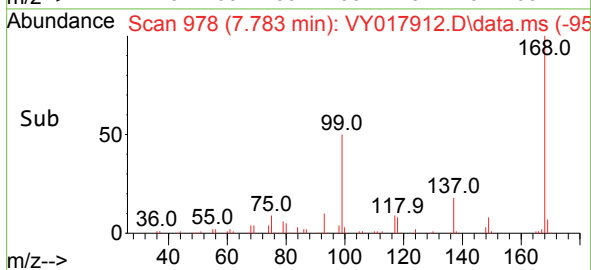
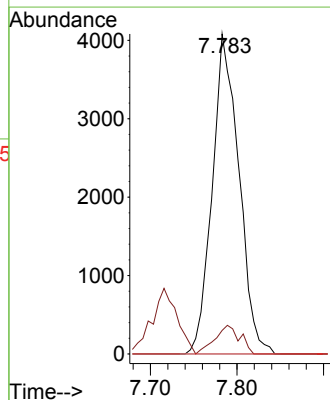
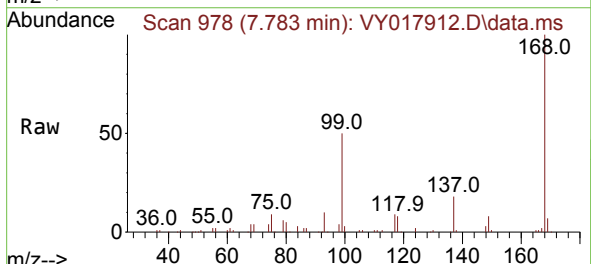
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-041024

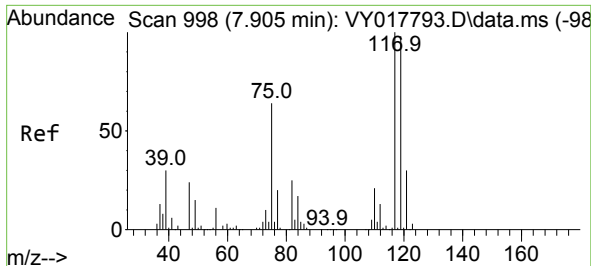
Tgt Ion:113 Resp: 66728
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

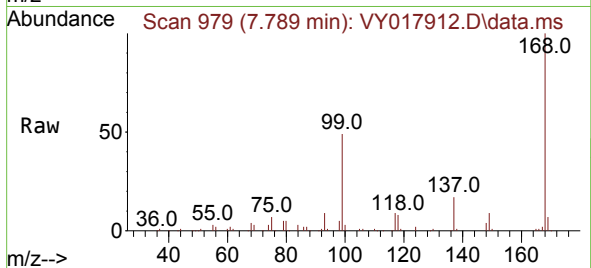
Tgt Ion: 75 Resp: 8722
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



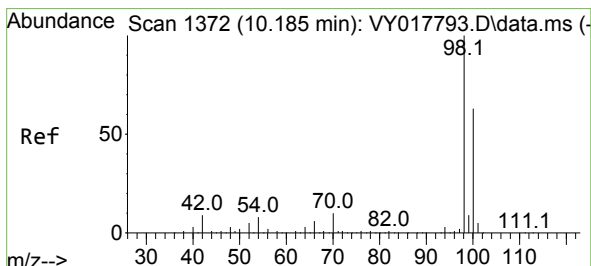
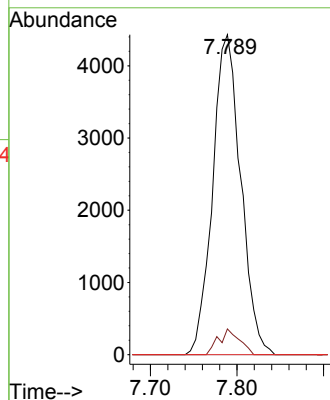
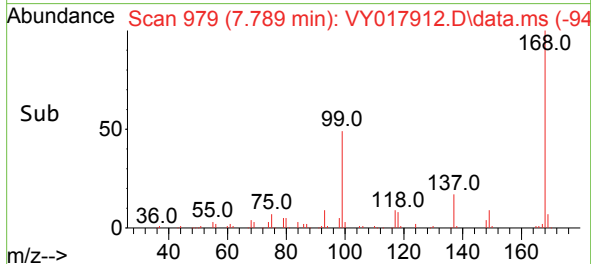


#38
Carbon Tetrachloride
Concen: 5.560 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-041024

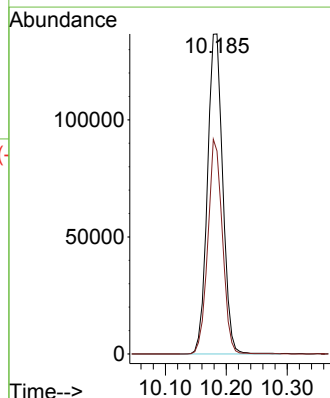
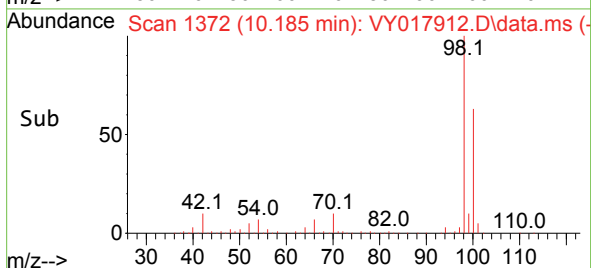
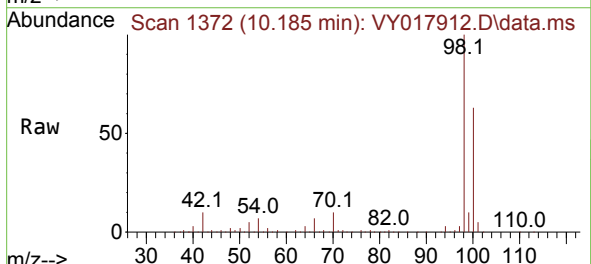


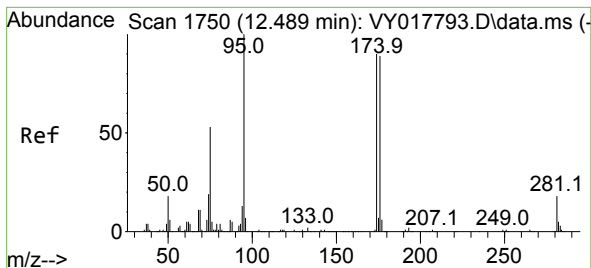
Tgt Ion:117 Resp: 9982
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.725 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion: 98 Resp: 237876
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

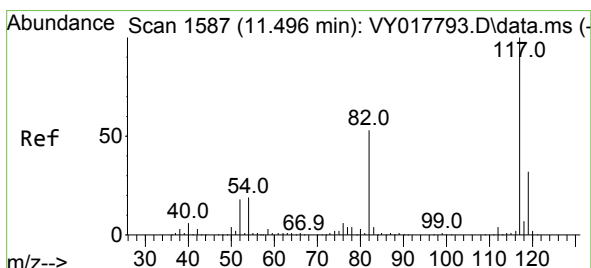
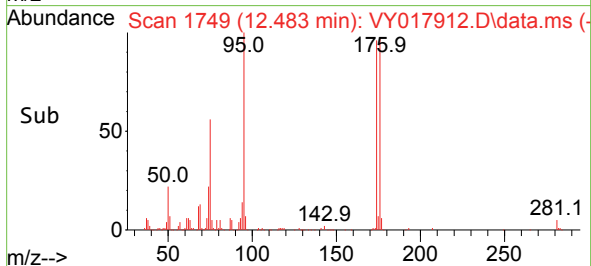
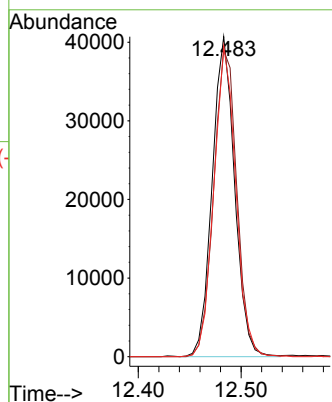
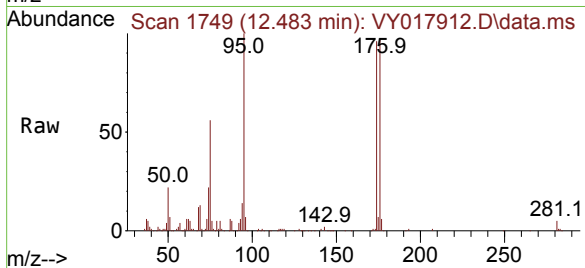




#62
4-Bromofluorobenzene
Concen: 45.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

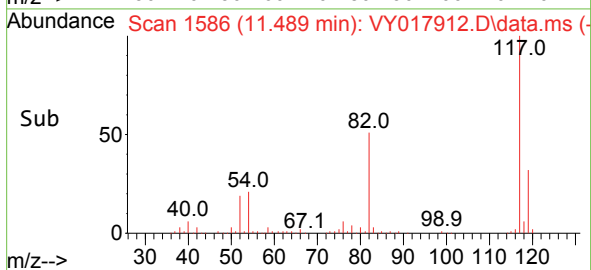
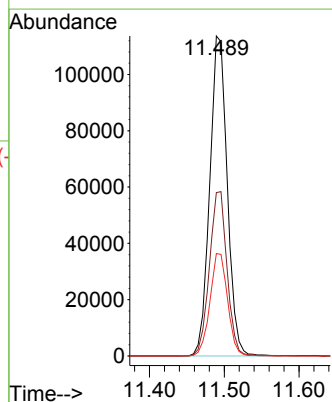
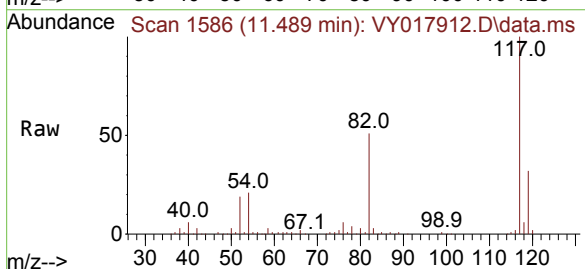
Instrument :
MSVOA_Y
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PL-01-041024

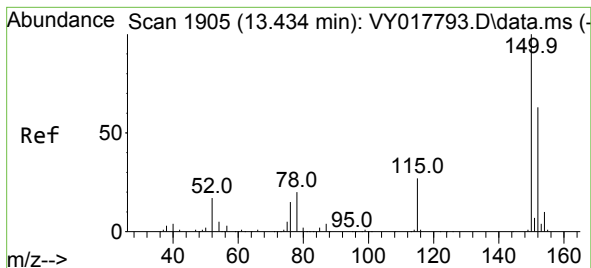
Tgt Ion: 95 Resp: 61554
Ion Ratio Lower Upper
95 100
174 98.9 0.0 175.6
176 95.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion: 117 Resp: 185230
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 32.0 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: VY017912.D

Acq: 11 Apr 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-041024

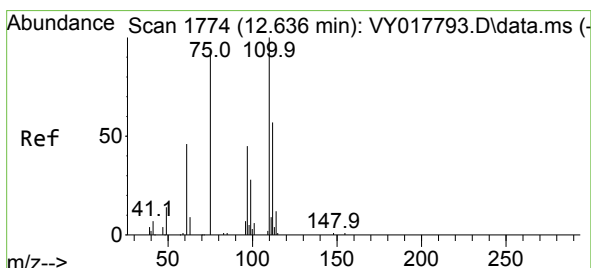
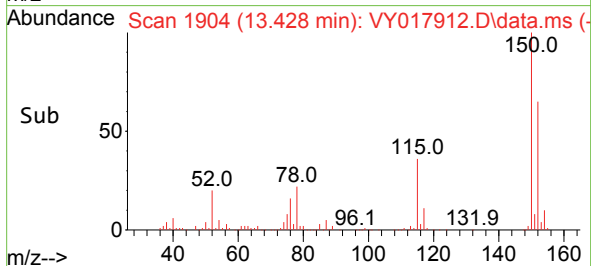
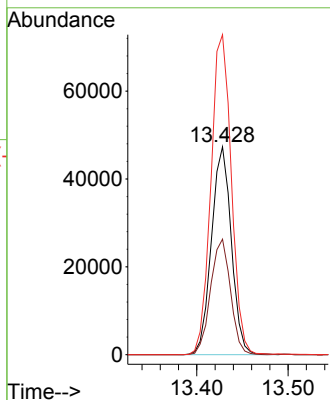
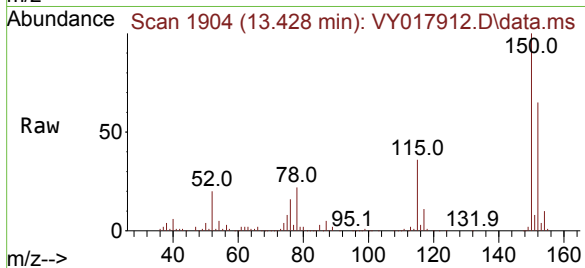
Tgt Ion:152 Resp: 71479

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 158.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.118 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017912.D

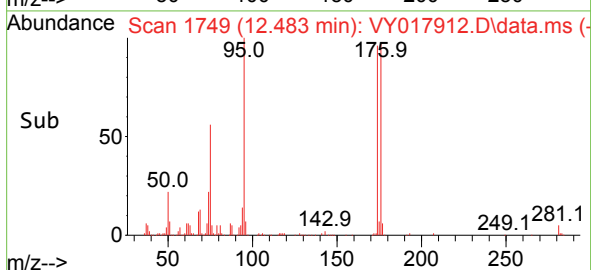
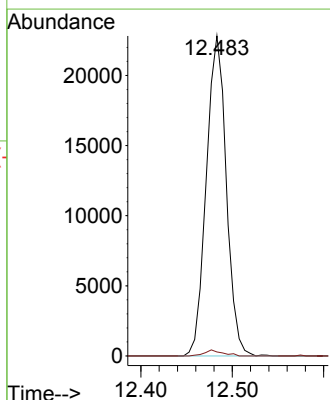
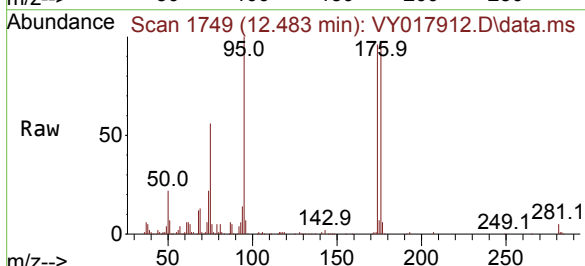
Acq: 11 Apr 2024 15:37

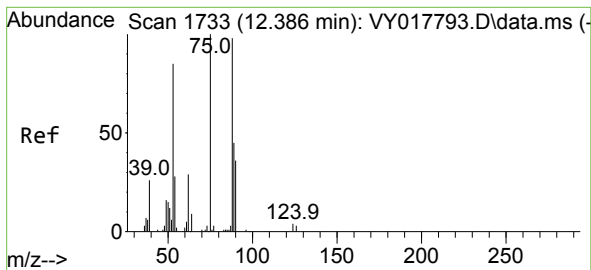
Tgt Ion: 75 Resp: 34599

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.374 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017912.D
 Acq: 11 Apr 2024 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-041024

Tgt Ion: 75 Resp: 34599
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.1 35.8 53.6#

