

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017908.D
 Acq On : 11 Apr 2024 14:02
 Operator : SY/MD
 Sample : P2070-03
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 12 05:00:36 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)

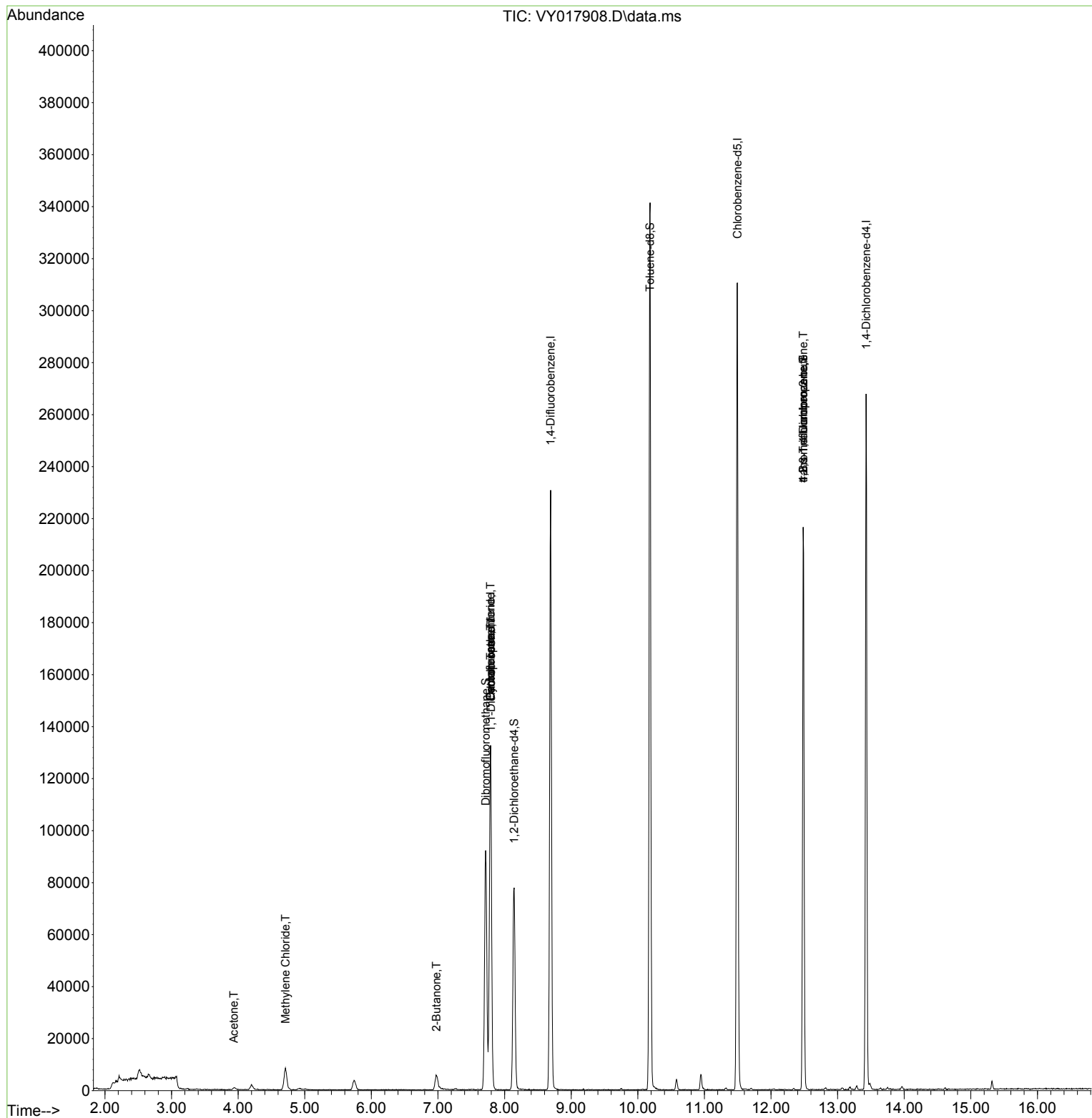
Internal Standards						
1) Pentafluorobenzene	7.789	168	105570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	178949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61631	67.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.920%	
35) Dibromofluoromethane	7.716	113	65061	57.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.020%	
50) Toluene-d8	10.185	98	226507	53.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.483	95	59222	45.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	582	Below Cal	#	88
16) Acetone	3.936	43	1425	7.546	ug/l	89
20) Methylene Chloride	4.710	84	6492	3.121	ug/l	94
25) 2-Butanone	6.978	43	482	1.792	ug/l #	41
31) Cyclohexane	7.789	56	2136	1.327	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8188	4.918	ug/l #	48
38) Carbon Tetrachloride	7.789	117	9892	5.723	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	222	Below Cal	#	31
59) 2-Hexanone	10.929	43	22	Below Cal	#	19
69) o-Xylene	12.032	106	95	Below Cal		53
70) Styrene	12.050	104	162	Below Cal	#	36
76) 1,2,3-Trichloropropane	12.483	75	32847	52.863	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32847	103.990	ug/l #	16

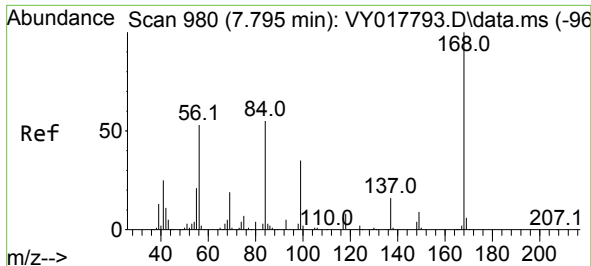
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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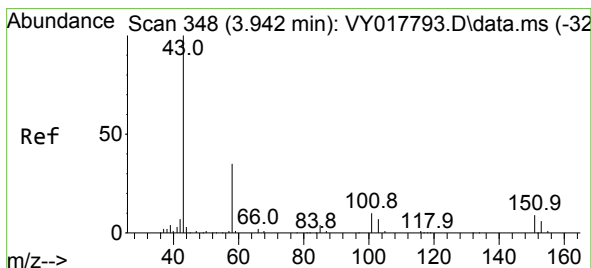
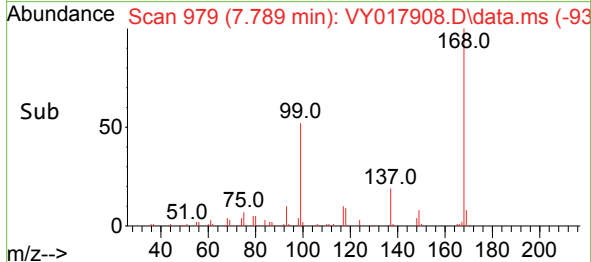
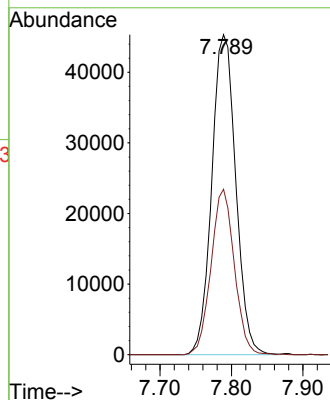
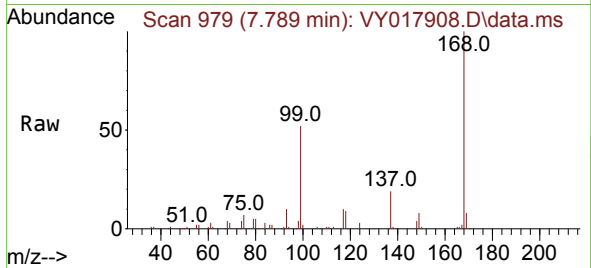




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

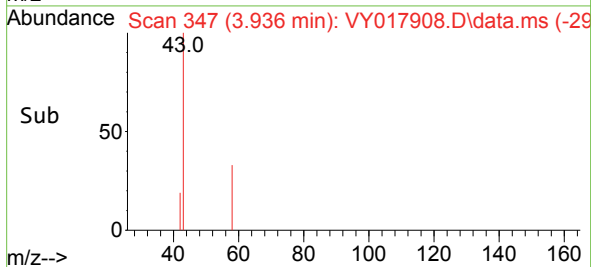
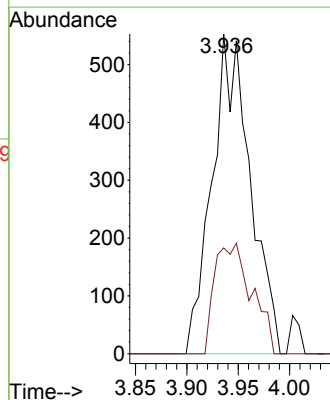
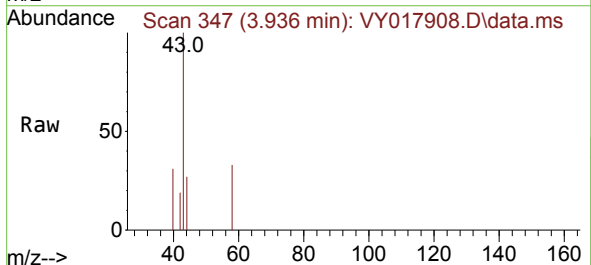
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

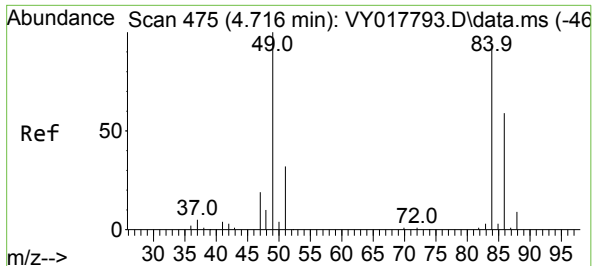
Tgt Ion:168 Resp: 105570
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#16
Acetone
Concen: 7.546 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 33.1 31.7 47.5





#20

Methylene Chloride

Concen: 3.121 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017908.D

Acq: 11 Apr 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion: 84 Resp: 6492

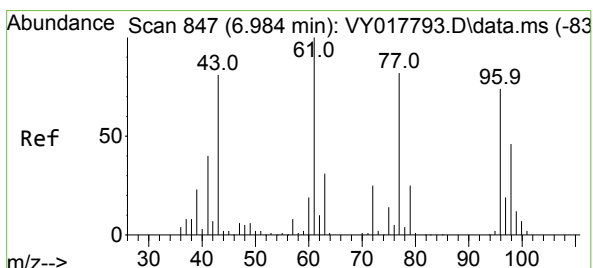
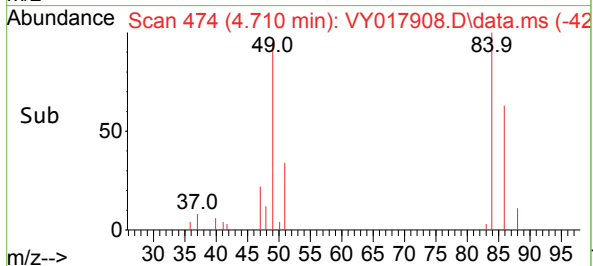
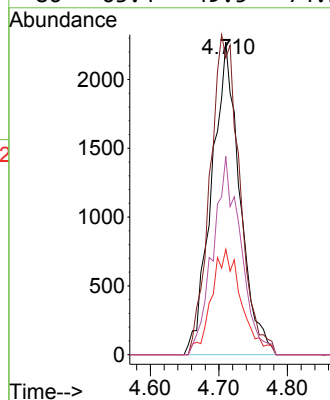
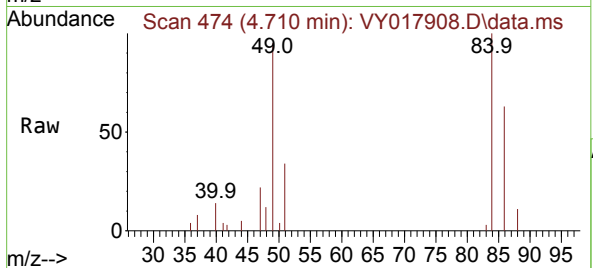
Ion Ratio Lower Upper

84 100

49 95.0 84.4 126.6

51 33.7 26.0 39.0

86 63.4 49.5 74.3



#25

2-Butanone

Concen: 1.792 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017908.D

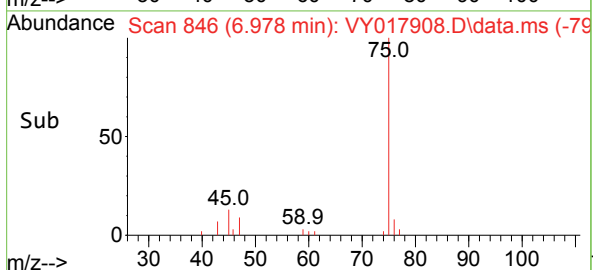
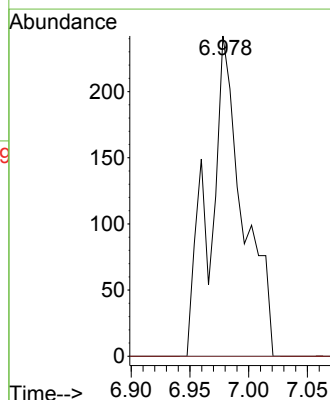
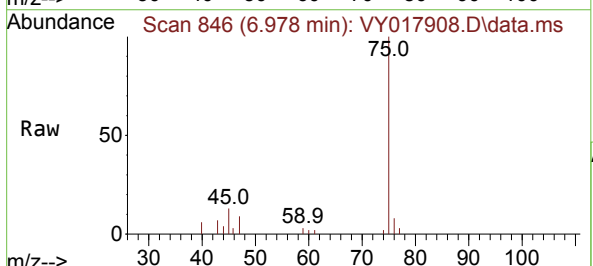
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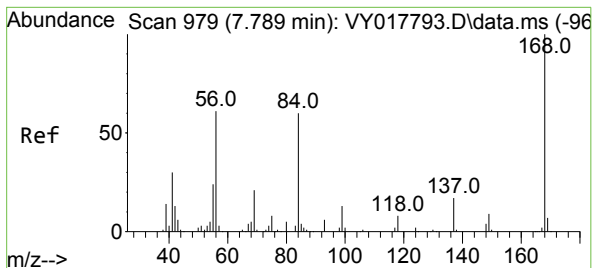
Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#





#31

Cyclohexane

Concen: 1.327 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY017908.D

Acq: 11 Apr 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

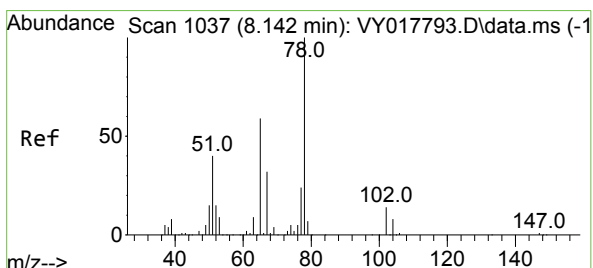
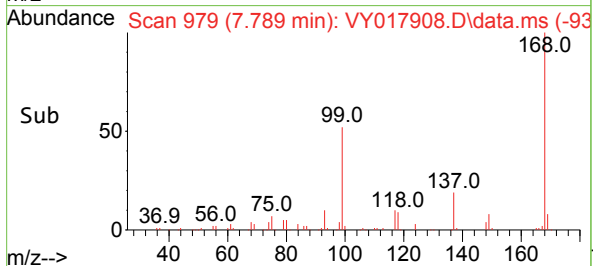
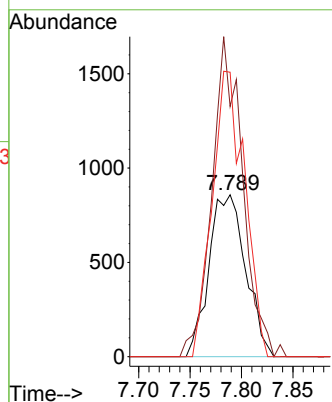
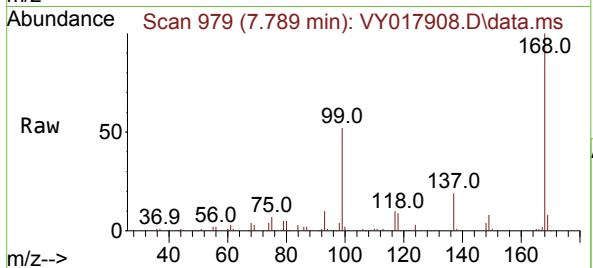
Tgt Ion: 56 Resp: 2136

Ion Ratio Lower Upper

56 100

69 154.5 28.7 43.1#

84 175.7 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 67.464 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017908.D

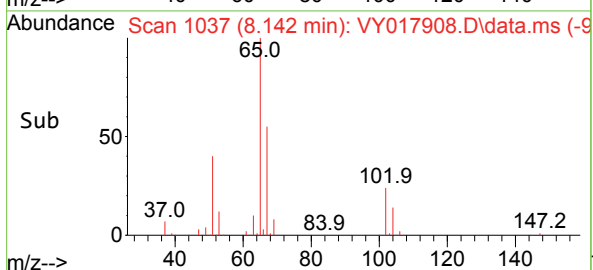
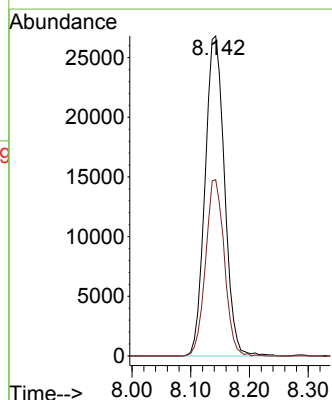
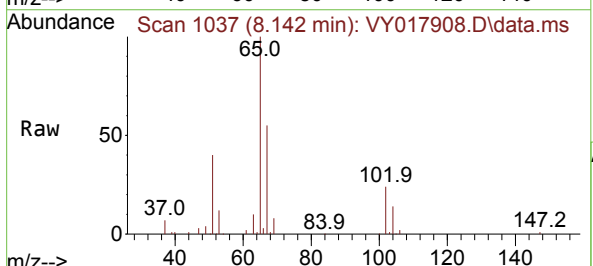
Acq: 11 Apr 2024 14:02

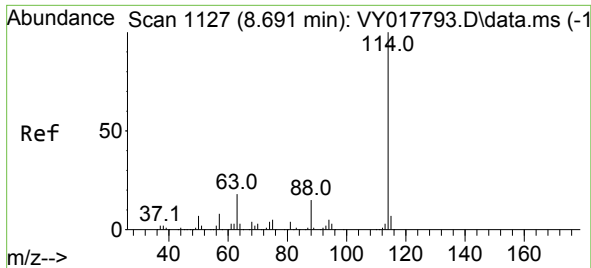
Tgt Ion: 65 Resp: 61631

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6

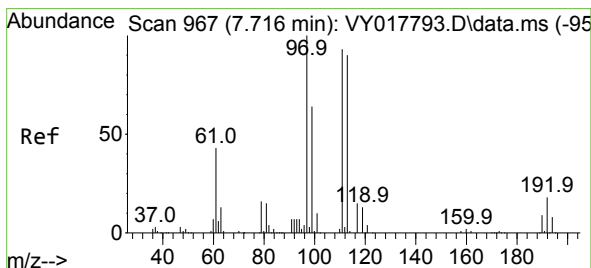
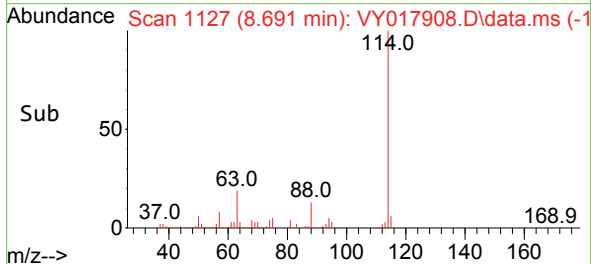
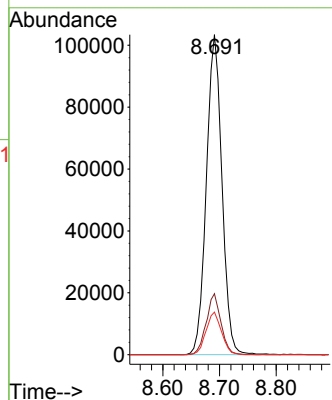
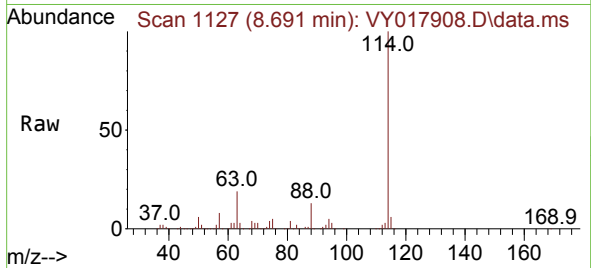




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

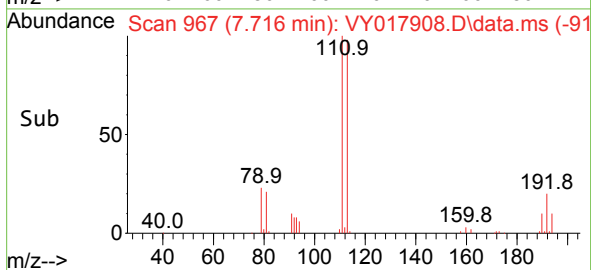
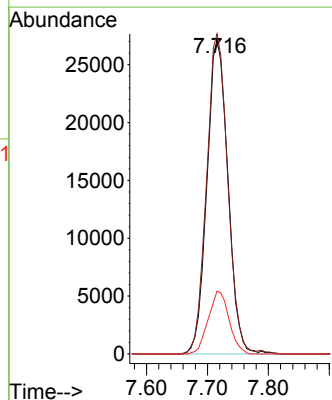
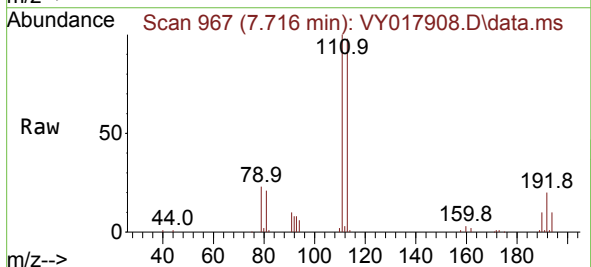
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

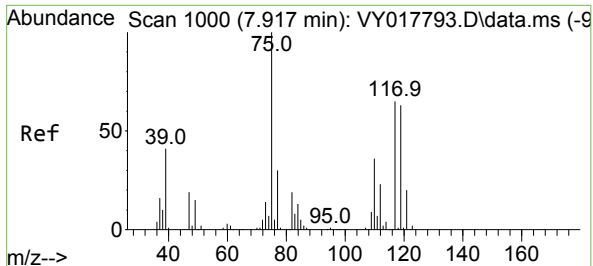
Tgt Ion:114 Resp: 197482
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.0
88 13.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.014 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

Tgt Ion:113 Resp: 65061
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.8 15.9 23.9

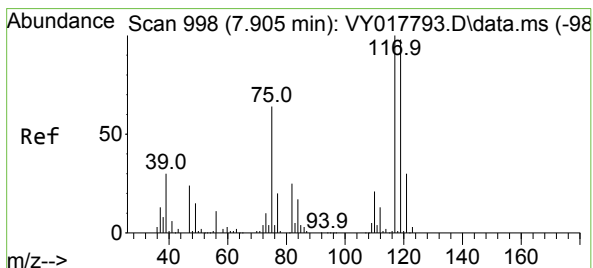
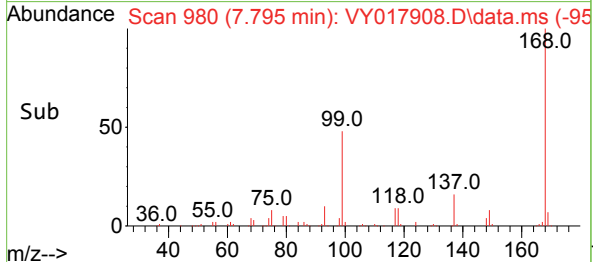
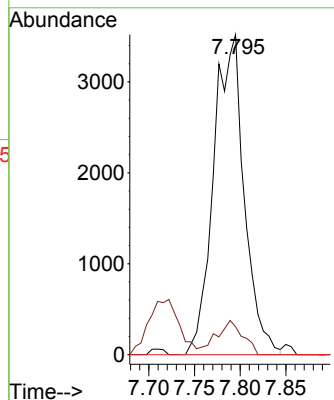
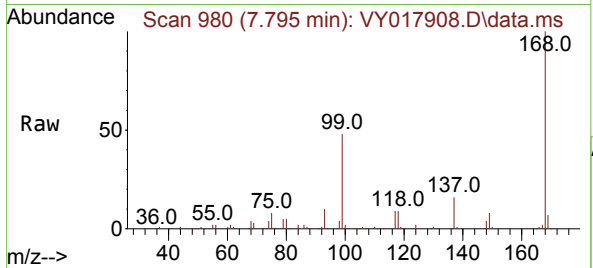




#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY017908.D
 Acq: 11 Apr 2024 14:02

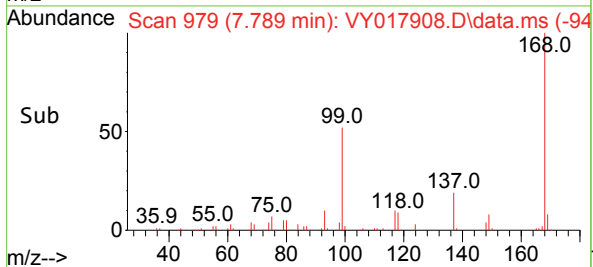
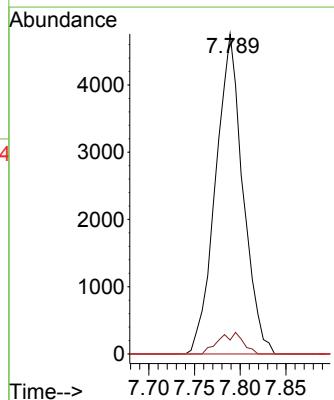
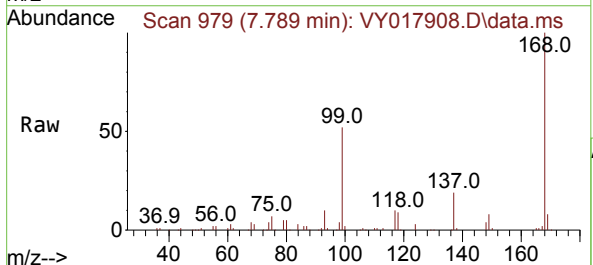
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

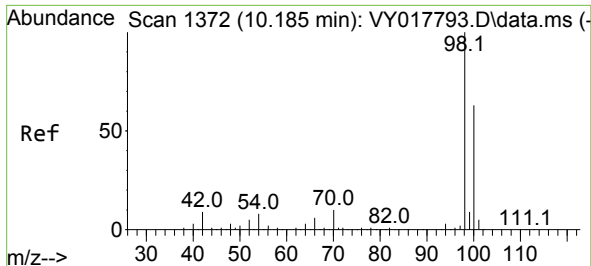
Tgt Ion: 75 Resp: 8188
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.723 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.116 min
 Lab File: VY017908.D
 Acq: 11 Apr 2024 14:02

Tgt Ion: 117 Resp: 9892
 Ion Ratio Lower Upper
 117 100
 119 4.3 75.8 113.6#
 121 0.0 24.0 36.0#

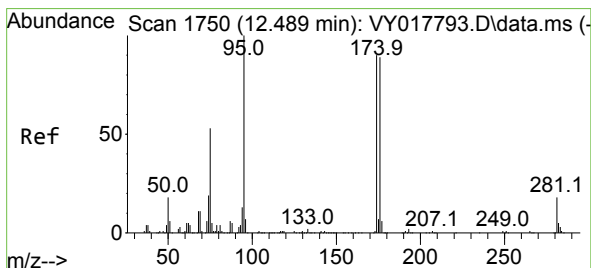
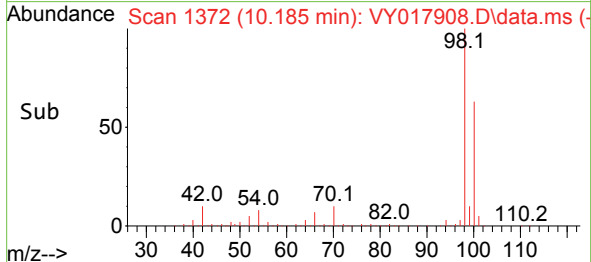
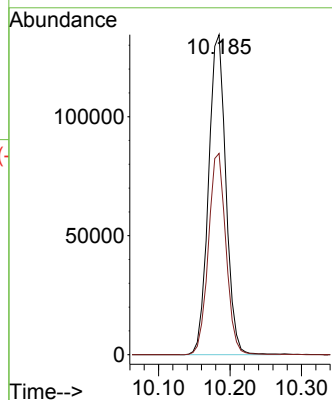
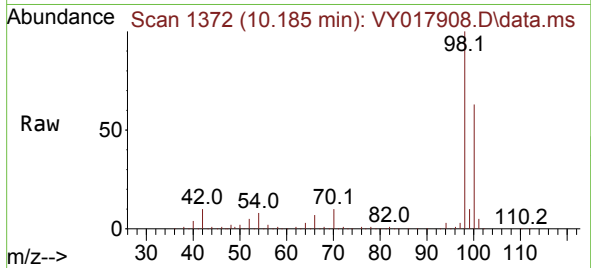




#50
Toluene-d8
Concen: 53.138 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

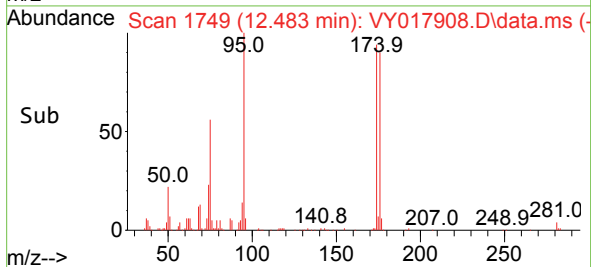
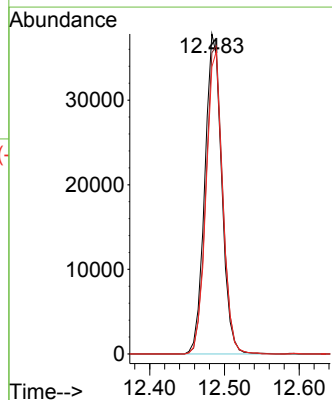
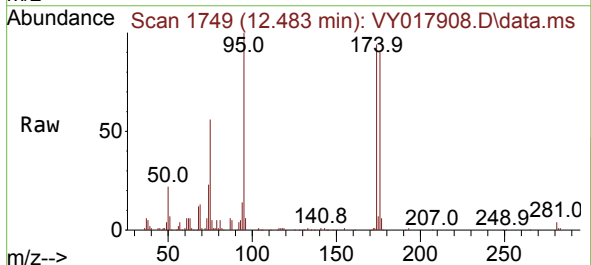
Instrument :
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ClientSampleId :
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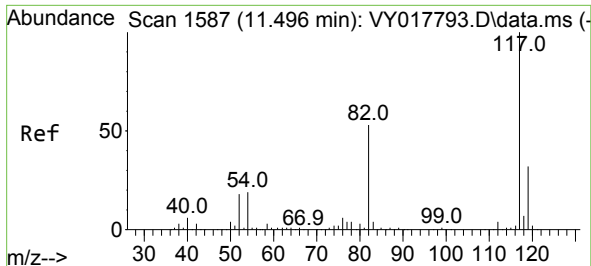
Tgt Ion: 98 Resp: 226507
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

Tgt Ion: 95 Resp: 59222
Ion Ratio Lower Upper
95 100
174 95.6 0.0 175.6
176 92.6 0.0 171.4

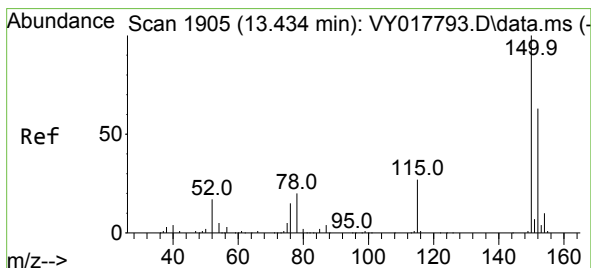
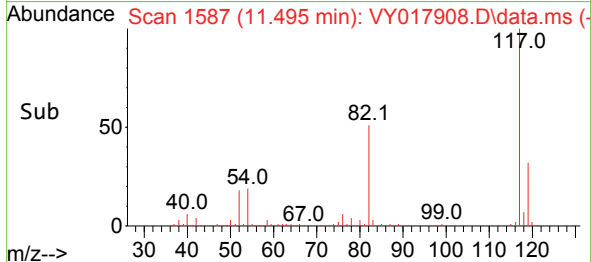
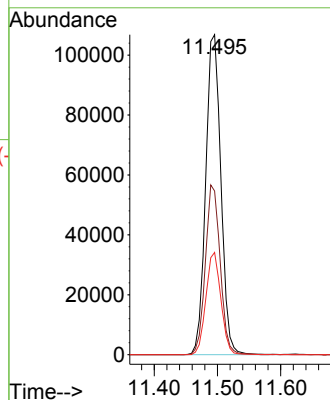
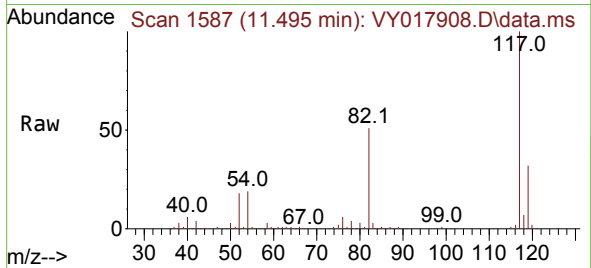




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

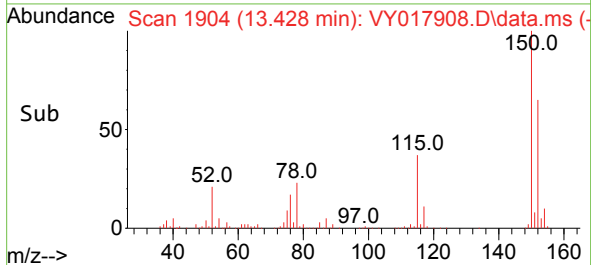
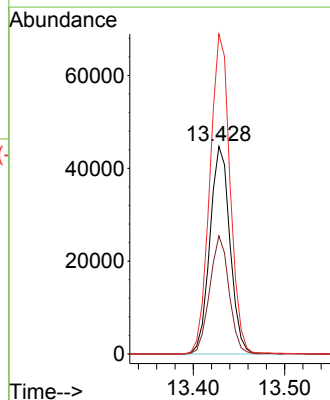
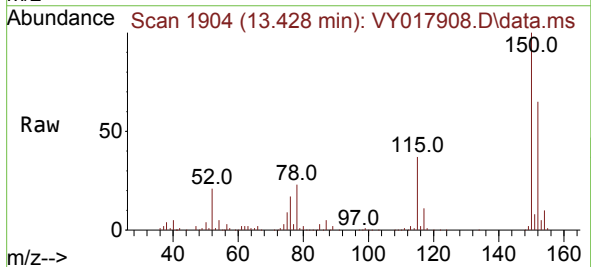
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

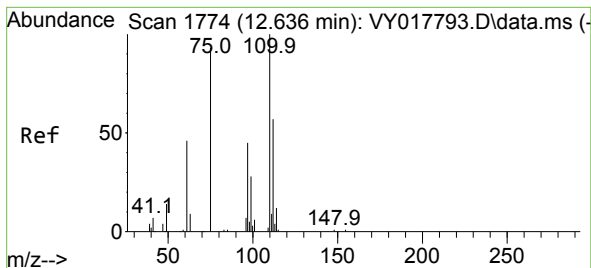
Tgt Ion:117 Resp: 178949
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017908.D
Acq: 11 Apr 2024 14:02

Tgt Ion:152 Resp: 68187
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 52.863 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017908.D

Acq: 11 Apr 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

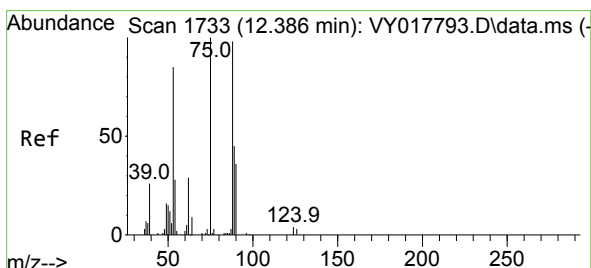
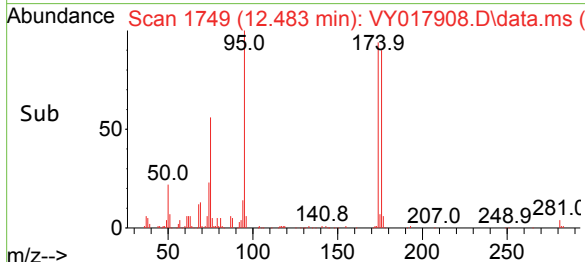
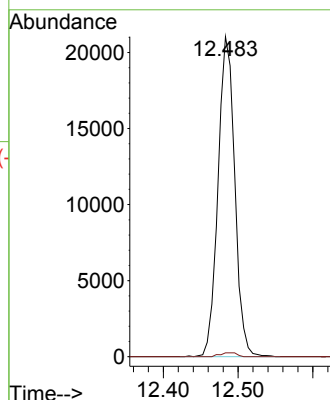
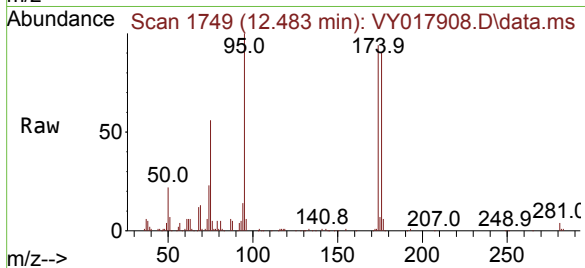
TP-2

Tgt Ion: 75 Resp: 32847

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.990 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY017908.D

Acq: 11 Apr 2024 14:02

Tgt Ion: 75 Resp: 32847

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

