

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017911.D
 Acq On : 11 Apr 2024 15:13
 Operator : SY/MD
 Sample : P2070-07
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Apr 12 05:01:39 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

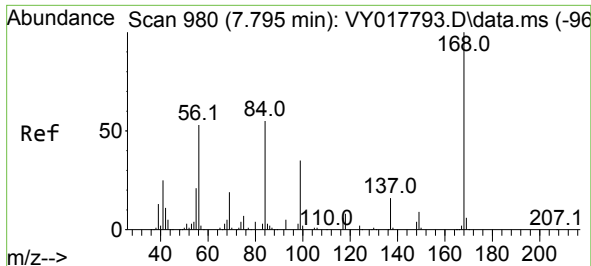
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	104137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62905	69.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.620%	
35) Dibromofluoromethane	7.716	113	64343	58.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.660%	
50) Toluene-d8	10.179	98	222130	53.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	12.483	95	58440	46.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	906	Below Cal	#	88
16) Acetone	3.948	43	1218	6.539	ug/l	93
18) Methyl Acetate	4.210	43	1029	2.494	ug/l #	46
20) Methylene Chloride	4.716	84	5281	2.082	ug/l	97
25) 2-Butanone	6.978	43	474	1.786	ug/l #	41
31) Cyclohexane	7.777	56	2231	1.405	ug/l #	48
36) 1,1-Dichloropropene	7.789	75	8137	5.056	ug/l #	48
38) Carbon Tetrachloride	7.783	117	9655	5.779	ug/l #	17
51) 4-Methyl-2-Pentanone	10.069	43	286	Below Cal		89
59) 2-Hexanone	10.953	43	37	Below Cal	#	19
70) Styrene	12.051	104	106	Below Cal	#	27
76) 1,2,3-Trichloropropane	12.483	75	31843	53.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31843	105.128	ug/l #	16

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

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Quant Title : SW846 8260
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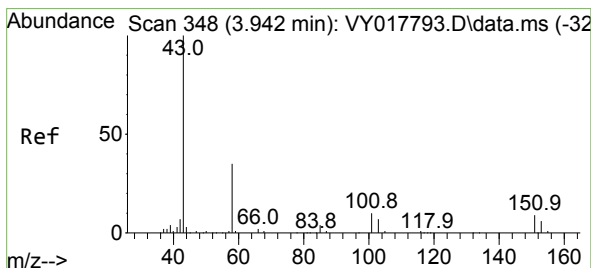
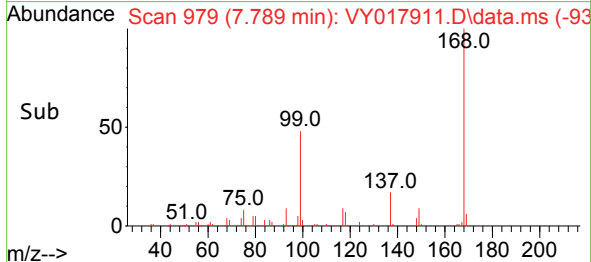
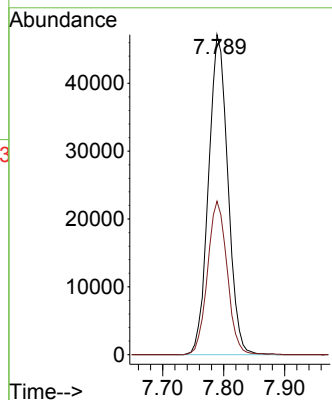
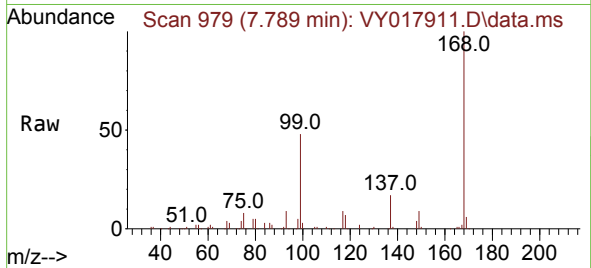




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

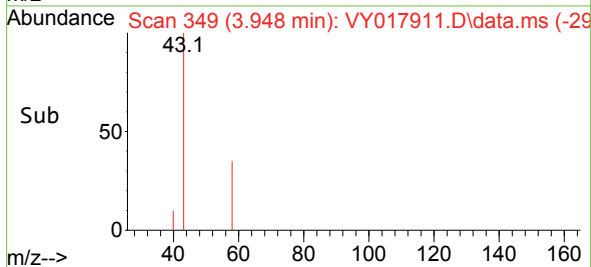
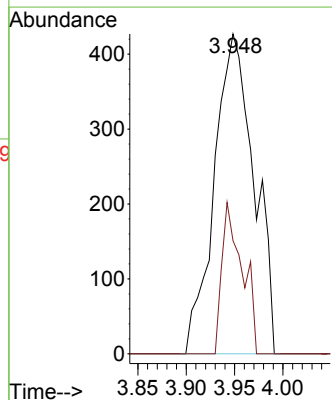
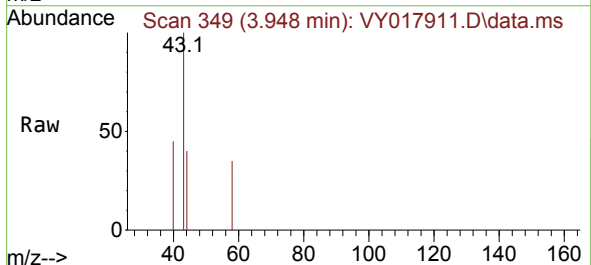
Instrument :
MSVOA_Y
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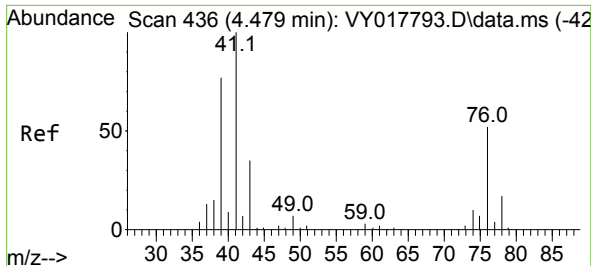
Tgt Ion:168 Resp: 104137
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 6.539 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5

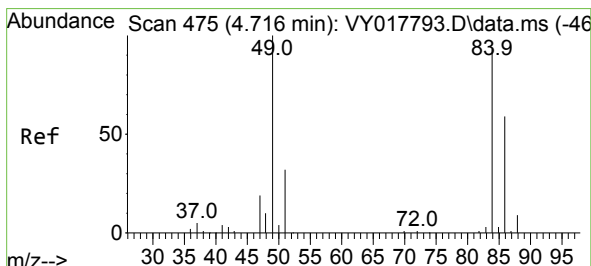
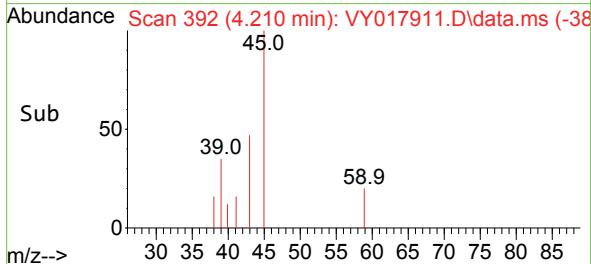
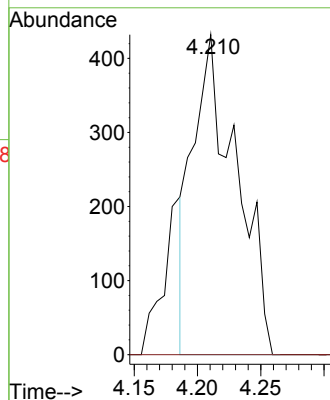
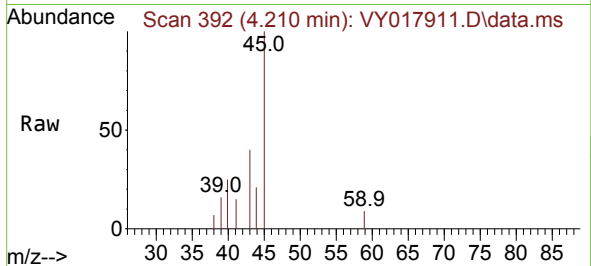




#18
Methyl Acetate
Concen: 2.494 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.268 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

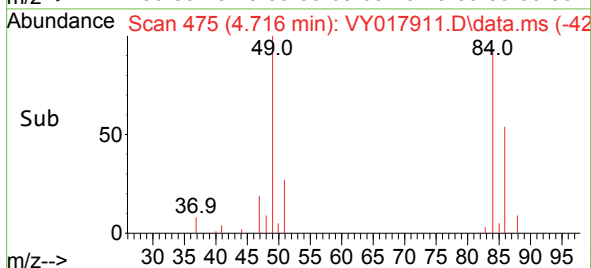
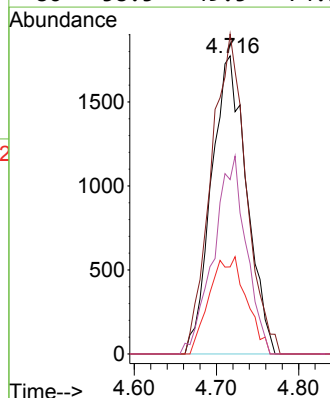
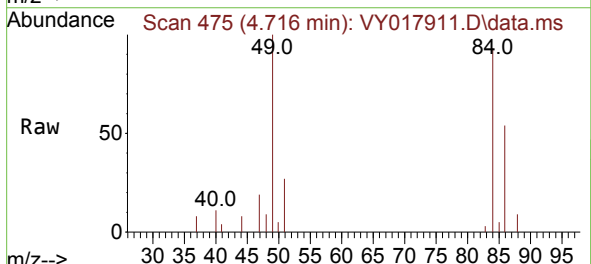
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

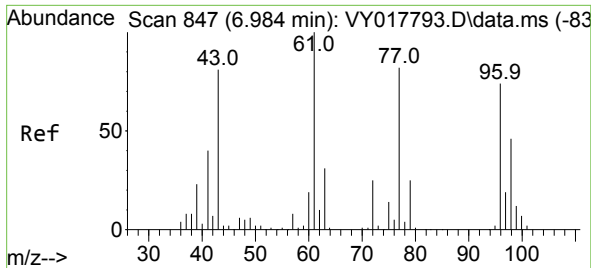
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 2.082 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 84 Resp: 5281
Ion Ratio Lower Upper
84 100
49 107.3 84.4 126.6
51 29.2 26.0 39.0
86 58.5 49.5 74.3

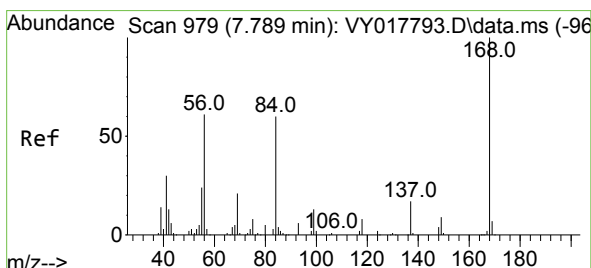
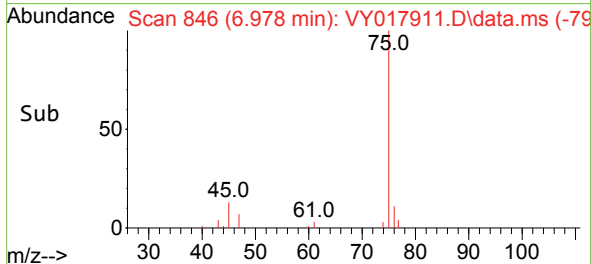
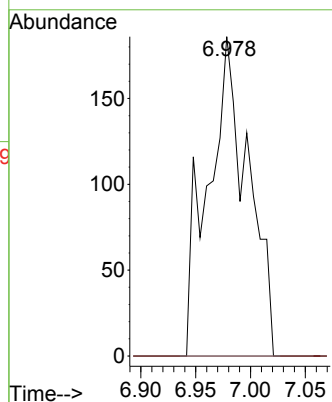
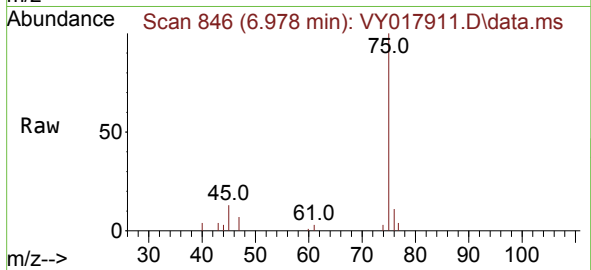




#25
2-Butanone
Concen: 1.786 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

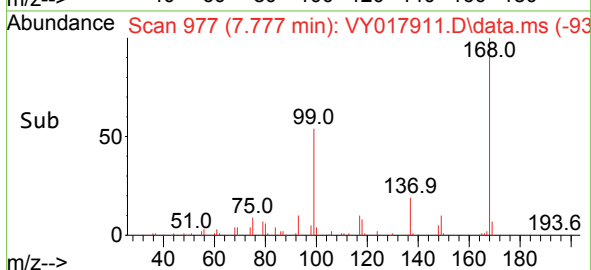
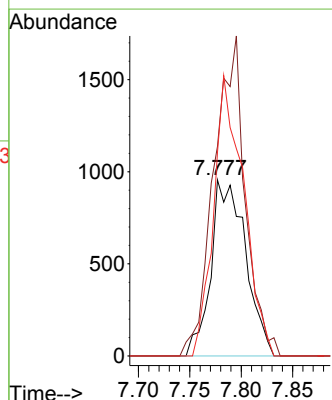
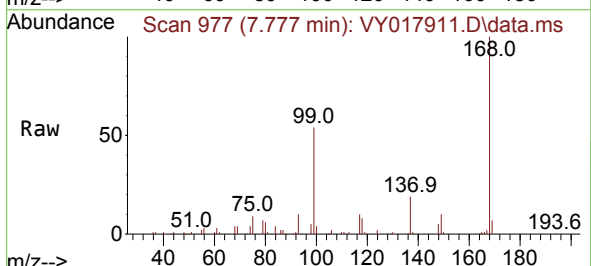
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

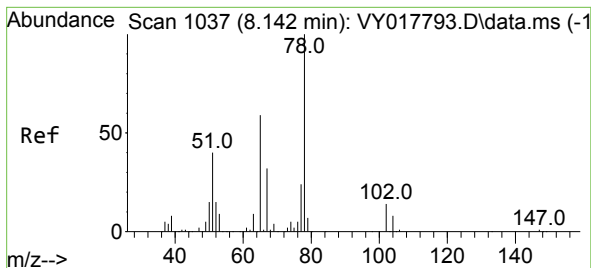
Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
69 119.2 28.7 43.1#
84 115.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 69.806 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017911.D

Acq: 11 Apr 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

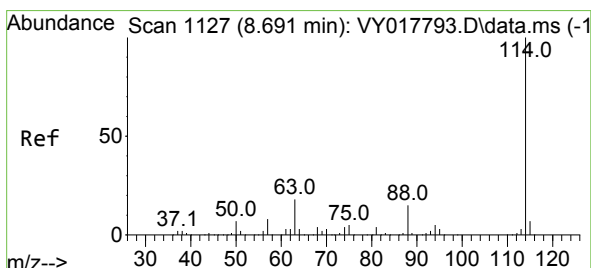
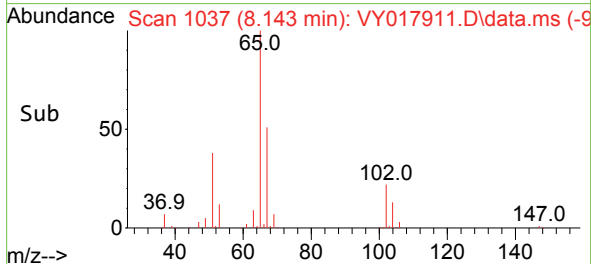
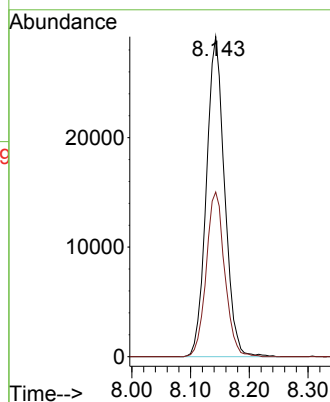
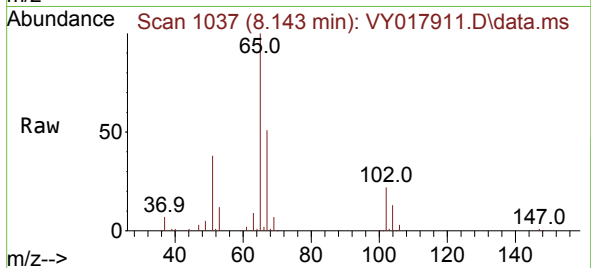
TP-4

Tgt Ion: 65 Resp: 62905

Ion Ratio Lower Upper

65 100

67 52.3 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: VY017911.D

Acq: 11 Apr 2024 15:13

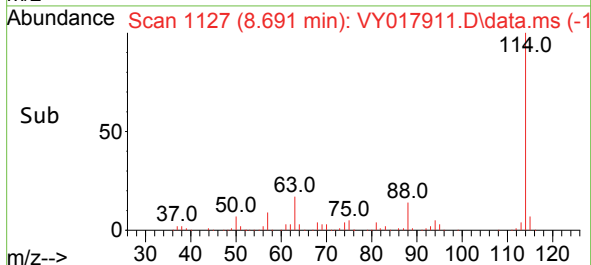
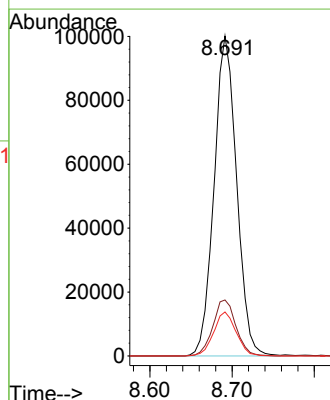
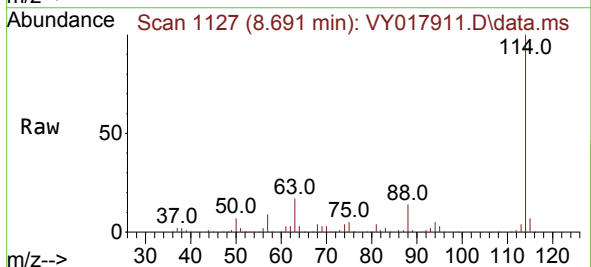
Tgt Ion: 114 Resp: 190893

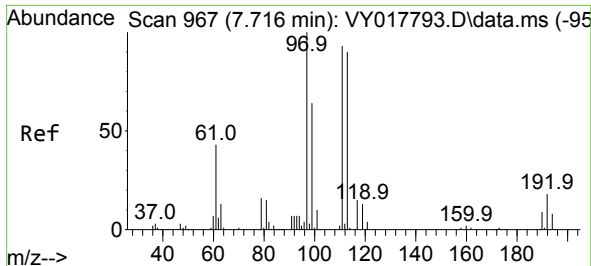
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.7 0.0 27.2

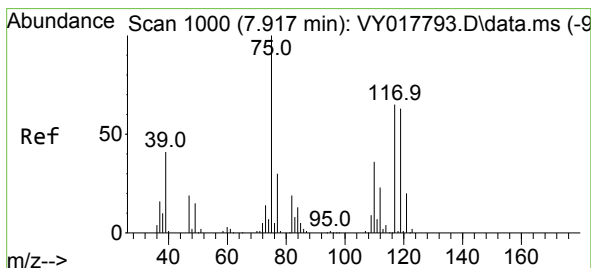
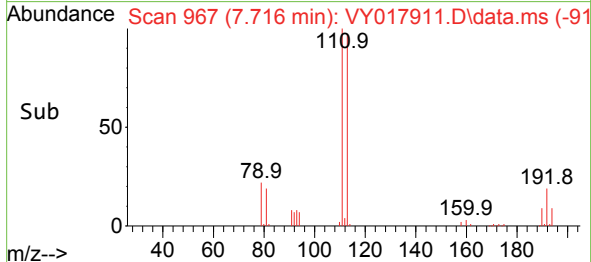
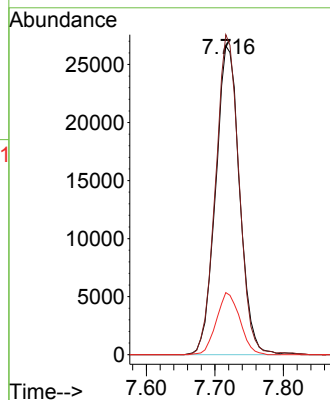
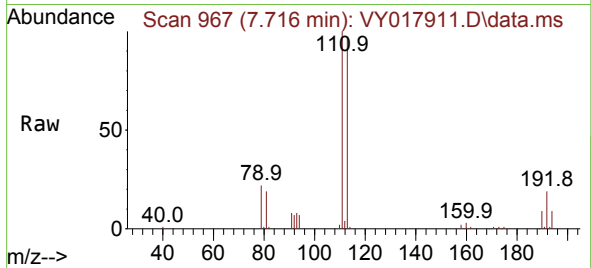




#35
Dibromofluoromethane
Concen: 58.331 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

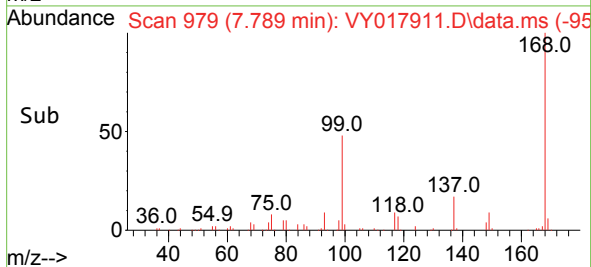
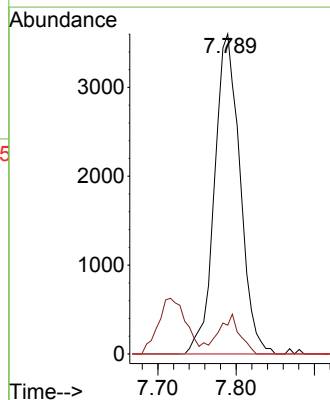
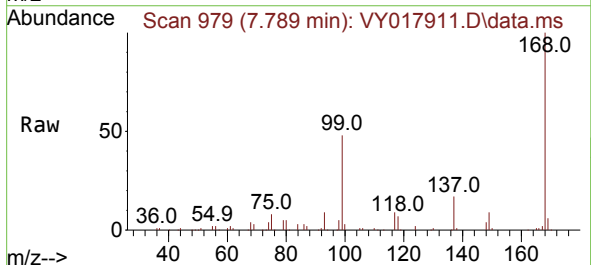
Instrument :
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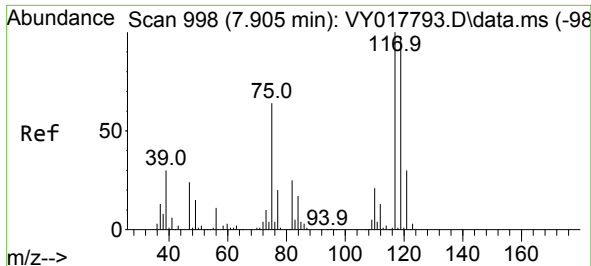
Tgt Ion:113 Resp: 64343
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 75 Resp: 8137
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#

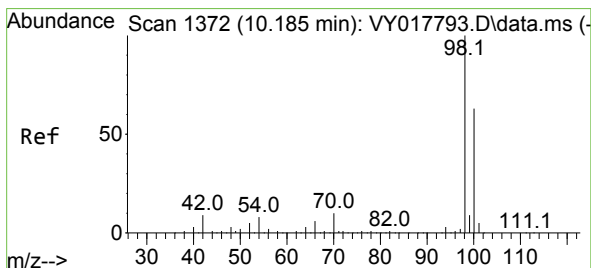
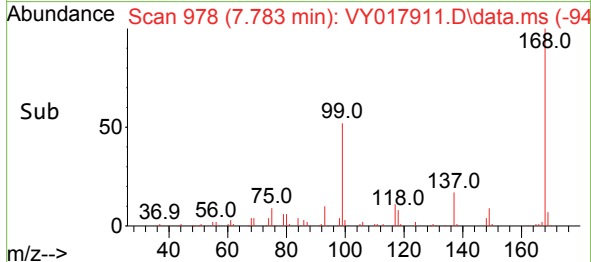
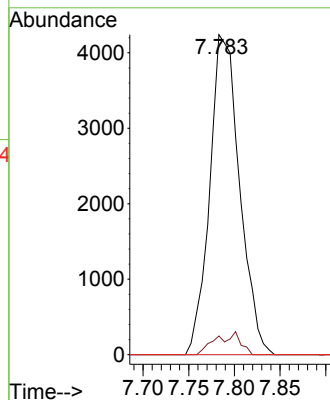
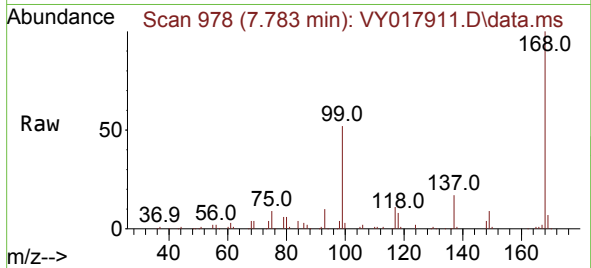




#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

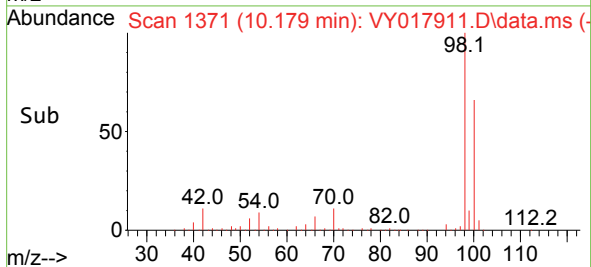
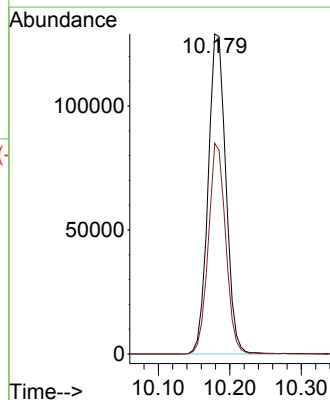
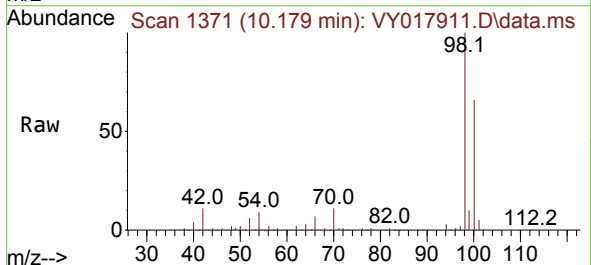
Instrument :
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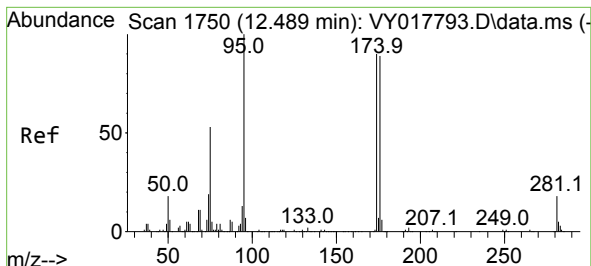
Tgt Ion:117 Resp: 9655
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.909 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 98 Resp: 222130
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

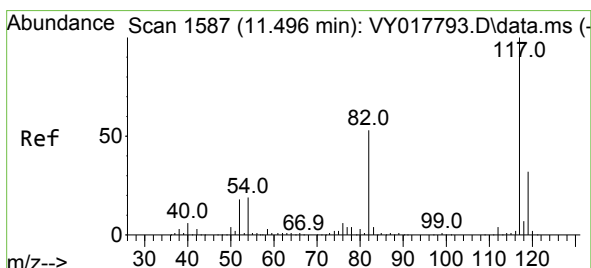
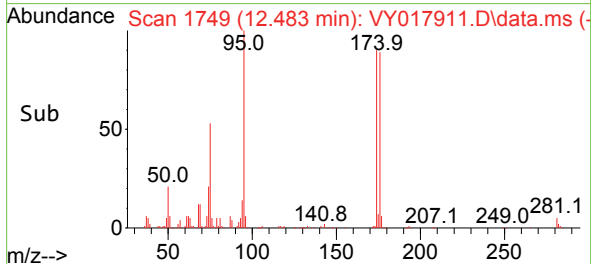
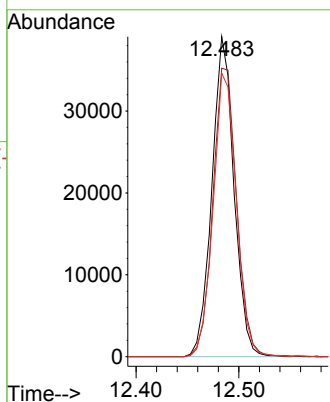
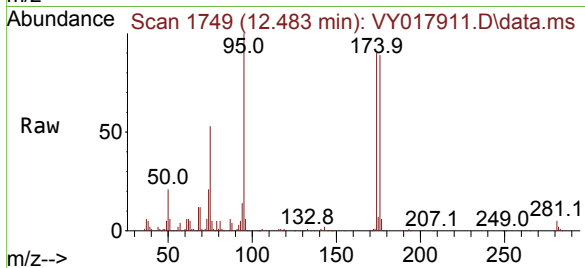




#62
4-Bromofluorobenzene
Concen: 46.616 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

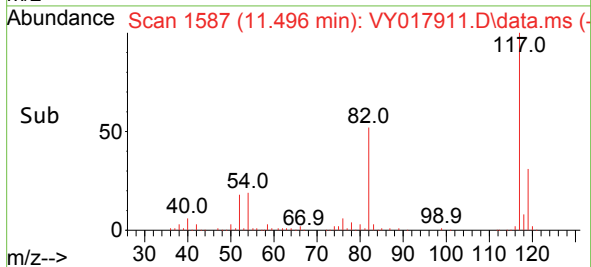
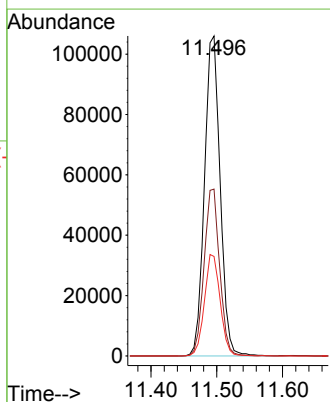
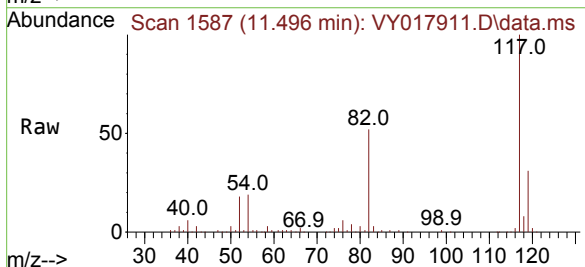
Instrument :
MSVOA_Y
ClientSampleId :
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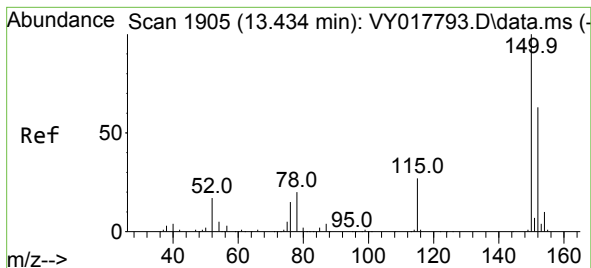
Tgt Ion: 95 Resp: 58440
Ion Ratio Lower Upper
95 100
174 96.9 0.0 175.6
176 92.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017911.D
Acq: 11 Apr 2024 15:13

Tgt Ion: 117 Resp: 175798
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017911.D

Acq: 11 Apr 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

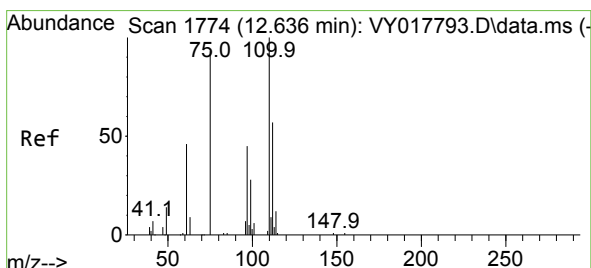
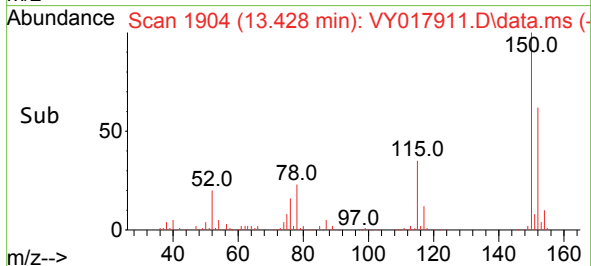
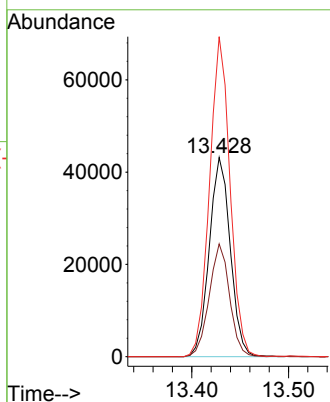
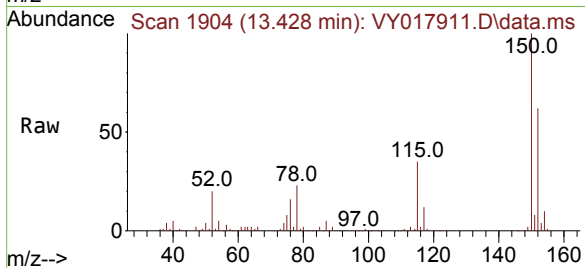
Tgt Ion:152 Resp: 65169

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 156.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.621 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017911.D

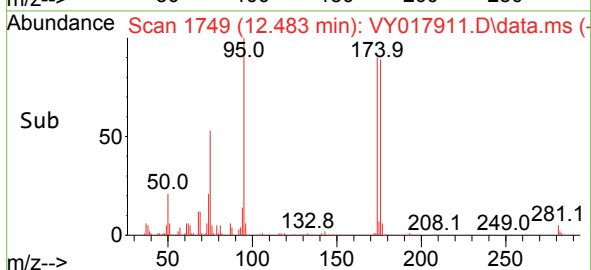
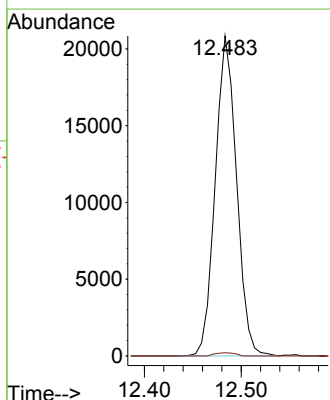
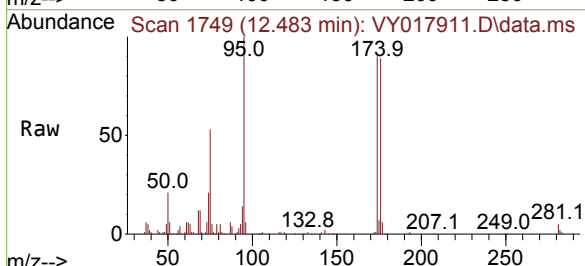
Acq: 11 Apr 2024 15:13

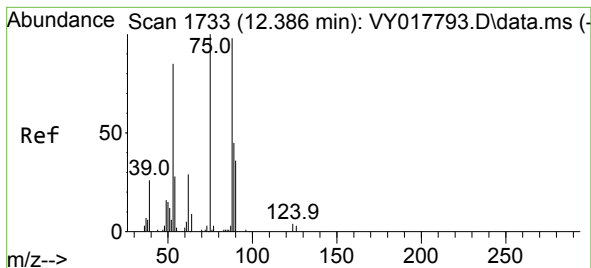
Tgt Ion: 75 Resp: 31843

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.128 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017911.D
 Acq: 11 Apr 2024 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Tgt Ion: 75 Resp: 31843
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

