

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018690.D
 Acq On : 25 Jun 2024 15:56
 Operator : SY/MD
 Sample : P3009-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

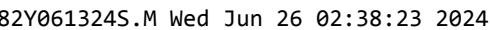
Quant Time: Jun 26 02:38:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

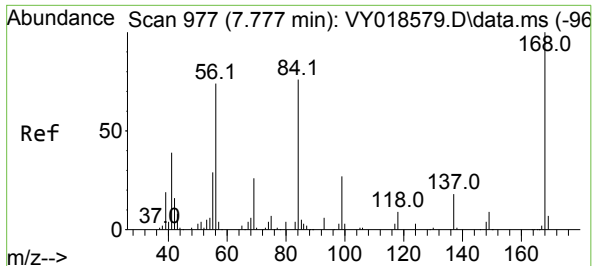
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	81890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	151917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42976	52.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.260%
35) Dibromofluoromethane	7.704	113	48149	51.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.173	98	171536	48.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.477	95	51272	45.560	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.120%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	346	2.063	ug/l #	36
17) Carbon Disulfide	4.168	76	77	2.250	ug/l #	76
20) Methylene Chloride	4.698	84	6400	Below Cal	#	83
31) Cyclohexane	7.771	56	1761	1.394	ug/l #	35
36) 1,1-Dichloropropene	7.771	75	6254	4.903	ug/l #	48
38) Carbon Tetrachloride	7.783	117	8021	5.994	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	733	1.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	27820	51.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27820	135.949	ug/l #	16

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

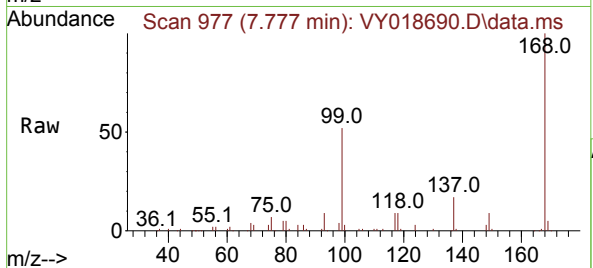
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Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



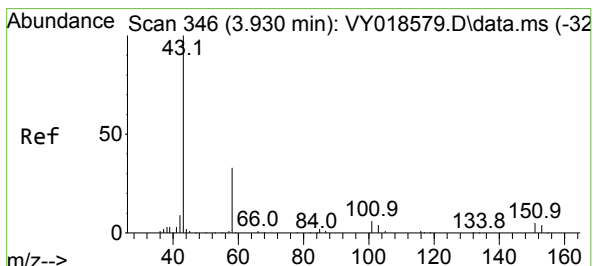
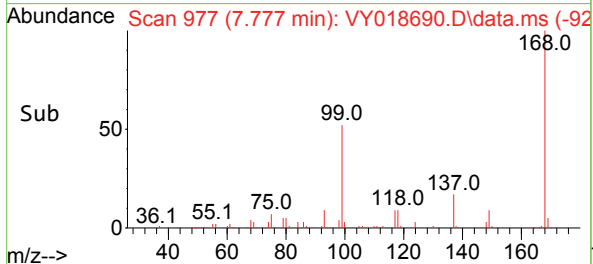
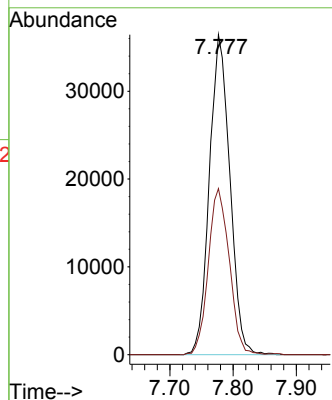


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

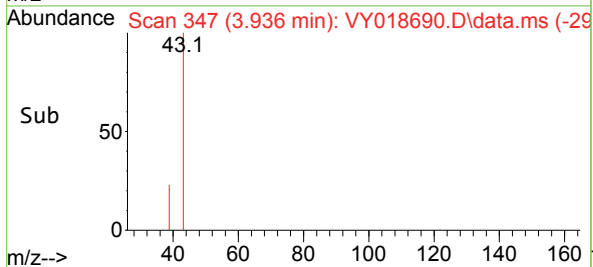
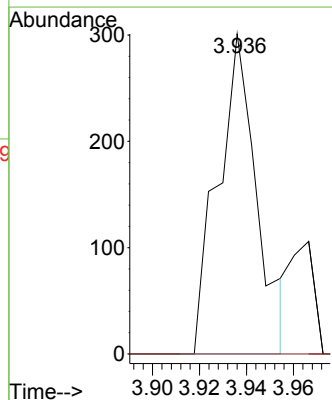
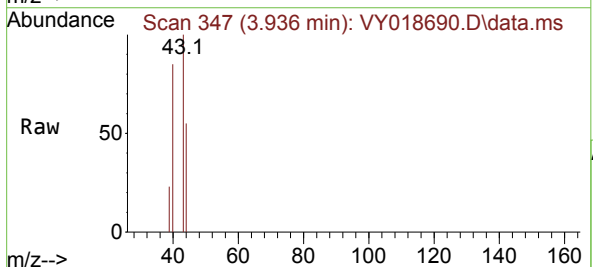


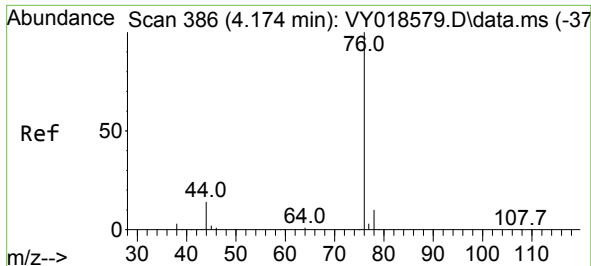
Tgt Ion:168 Resp: 81890
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#16
Acetone
Concen: 2.063 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

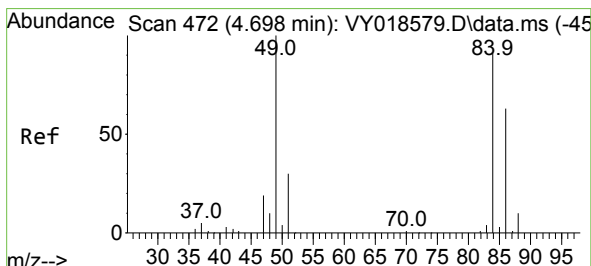
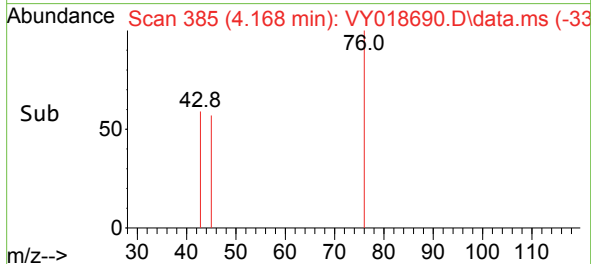
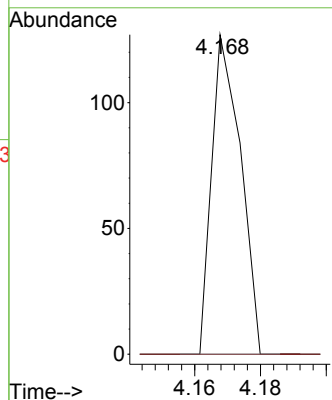
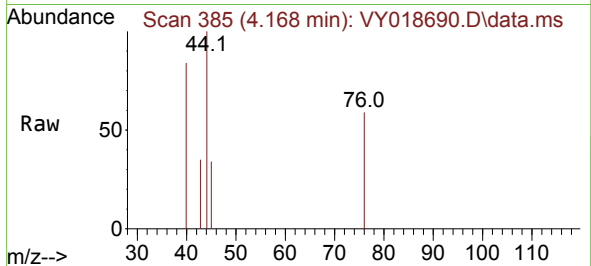




#17
Carbon Disulfide
Concen: 2.250 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

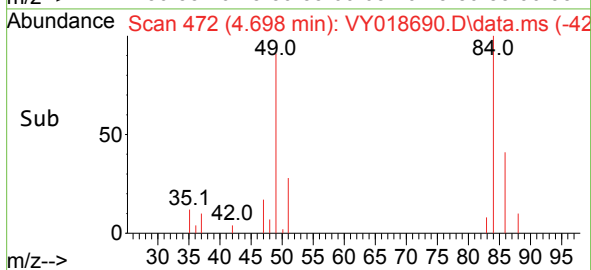
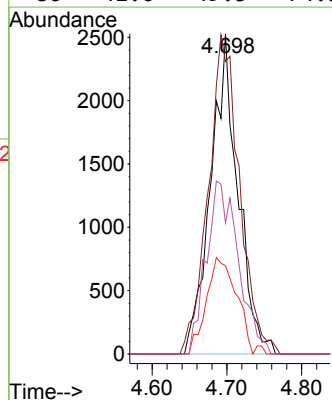
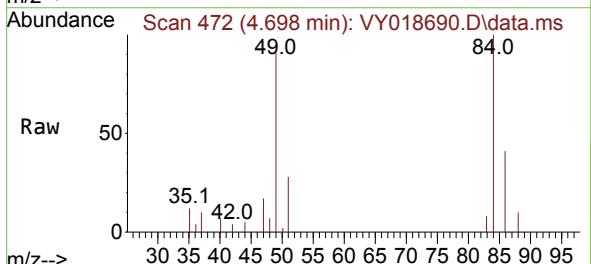
Instrument :
MSVOA_Y
ClientSampleId :

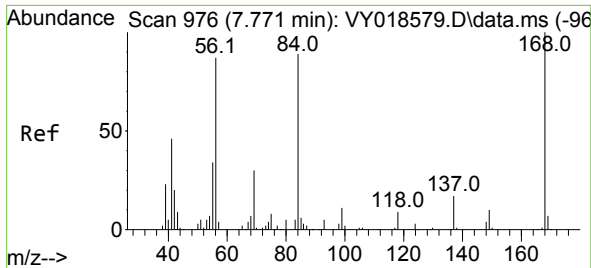
Tgt Ion: 76 Resp: 77
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

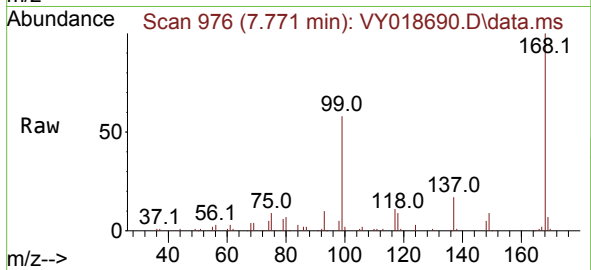
Tgt Ion: 84 Resp: 6400
Ion Ratio Lower Upper
84 100
49 91.4 84.4 126.6
51 27.6 26.0 39.0
86 41.0 49.5 74.3#



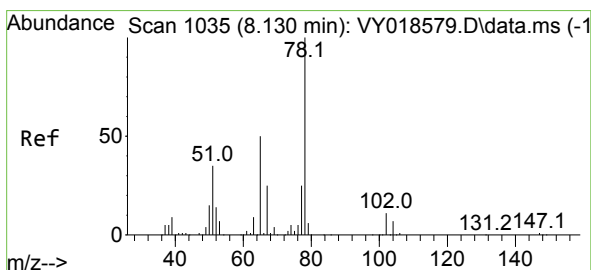
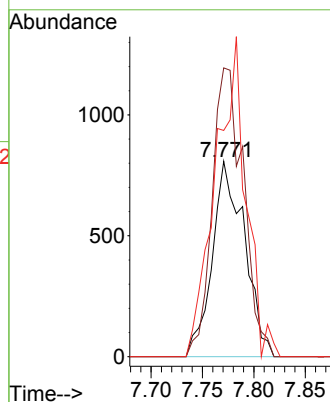
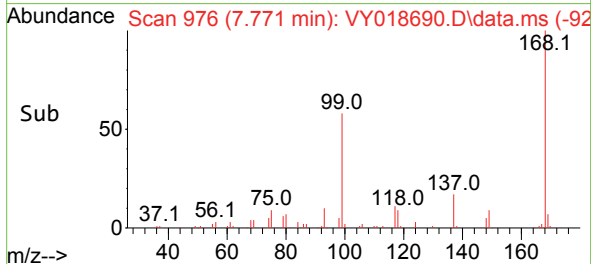


#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

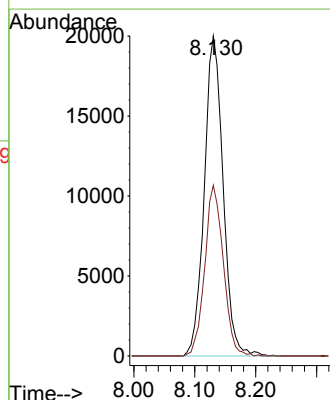
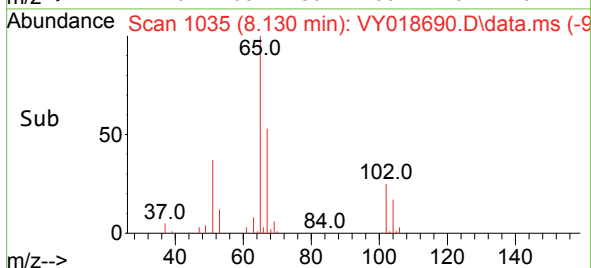
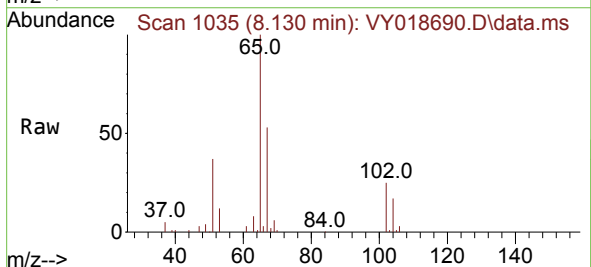


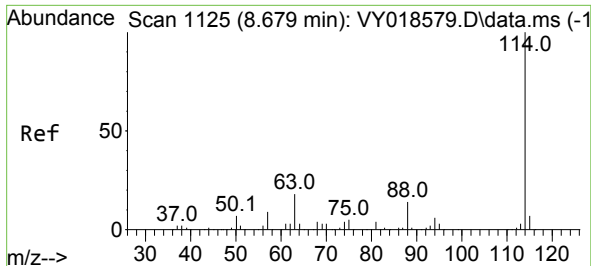
Tgt Ion: 56 Resp: 1761
Ion Ratio Lower Upper
56 100
69 147.9 28.7 43.1#
84 115.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.126 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion: 65 Resp: 42976
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

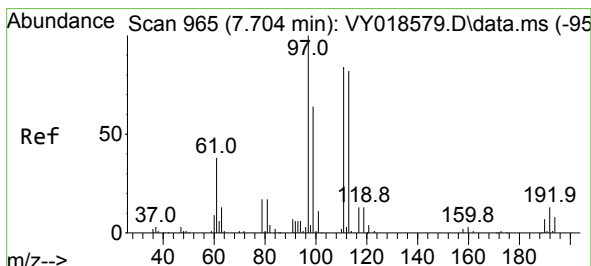
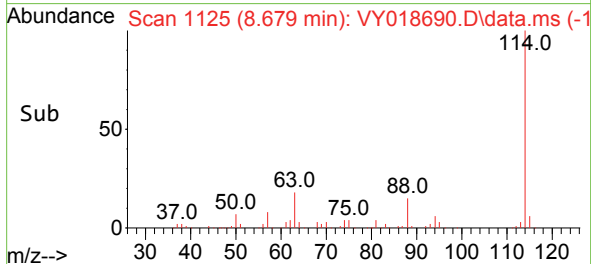
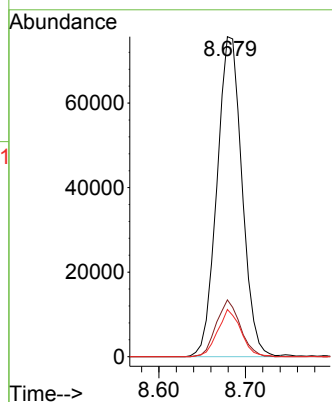
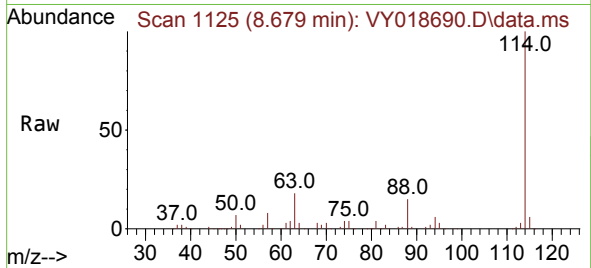




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018690.D
 Acq: 25 Jun 2024 15:56

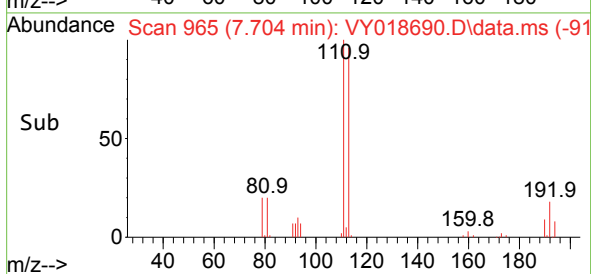
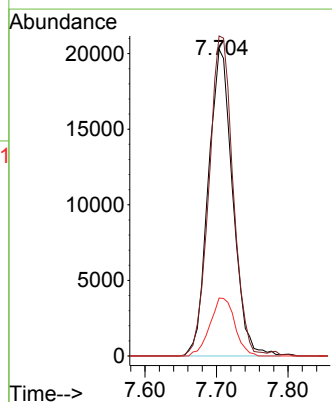
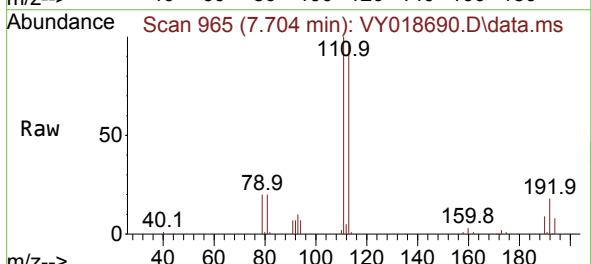
Instrument :
 MSVOA_Y
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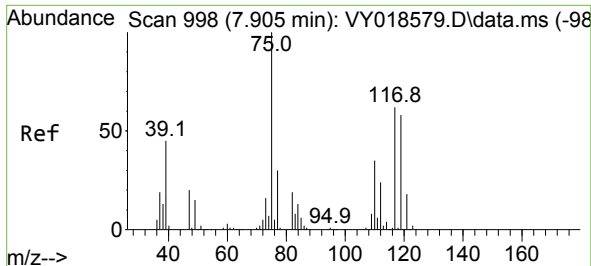
Tgt Ion:114 Resp: 151917
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.0
 88 14.8 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 51.956 ug/l
 RT: 7.704 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VY018690.D
 Acq: 25 Jun 2024 15:56

Tgt Ion:113 Resp: 48149
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 19.2 15.9 23.9

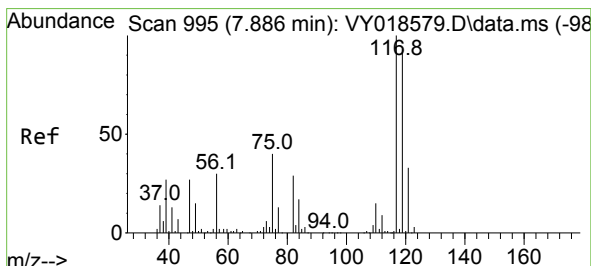
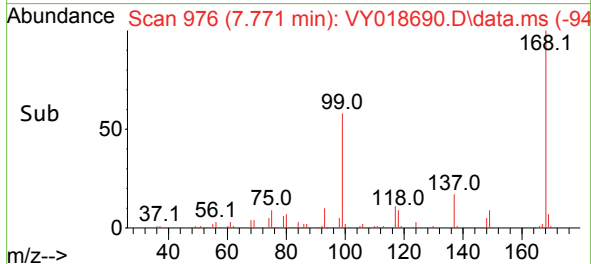
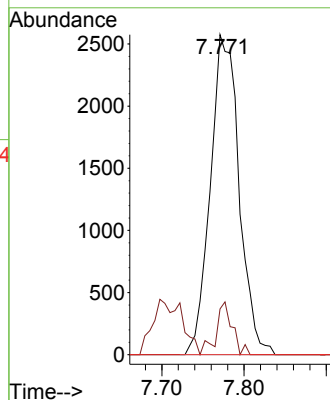
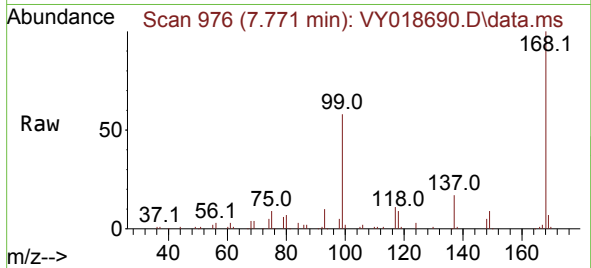




#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

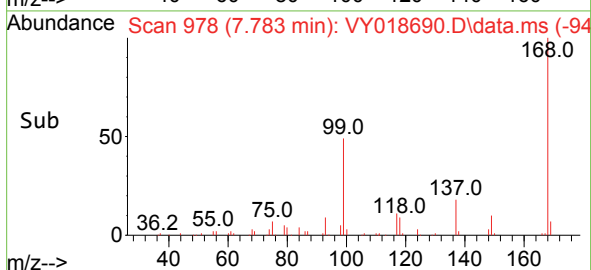
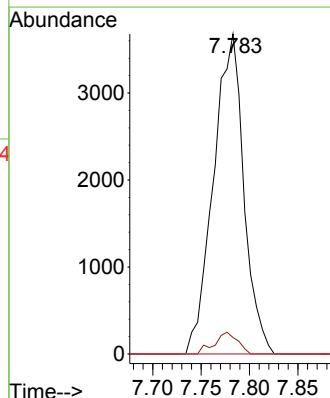
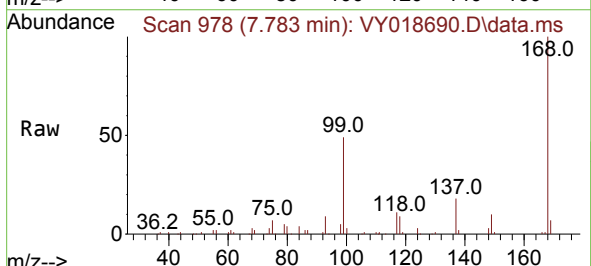
Instrument :
MSVOA_Y
ClientSampleId :

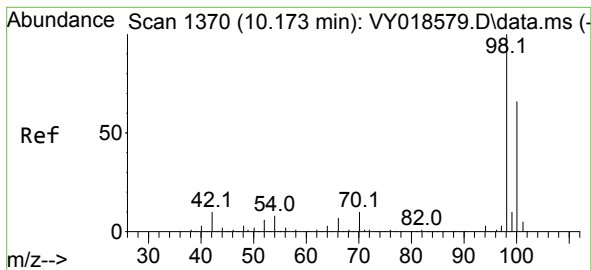
Tgt Ion: 75 Resp: 6254
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion: 117 Resp: 8021
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#

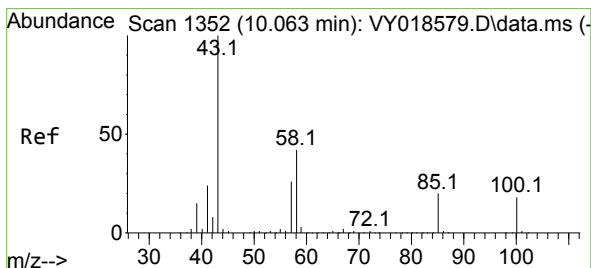
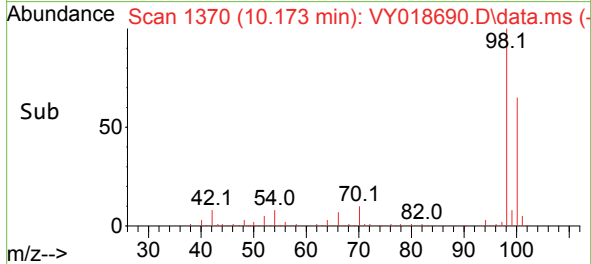
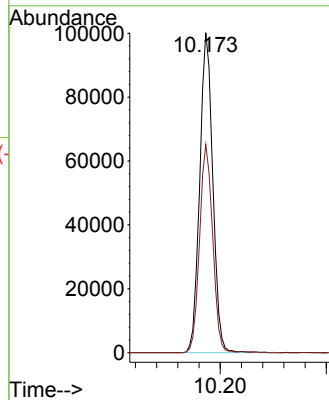
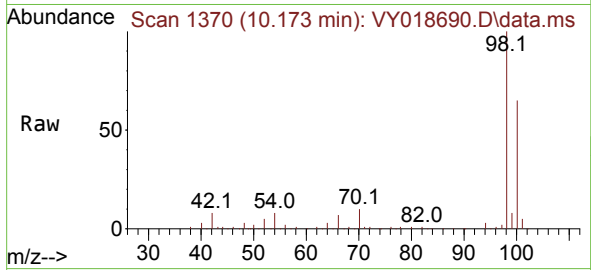




#50
Toluene-d8
Concen: 48.132 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

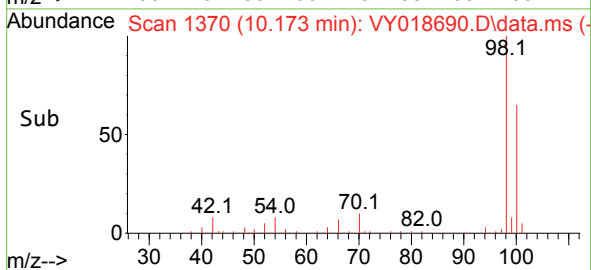
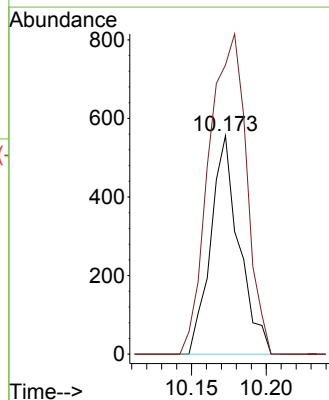
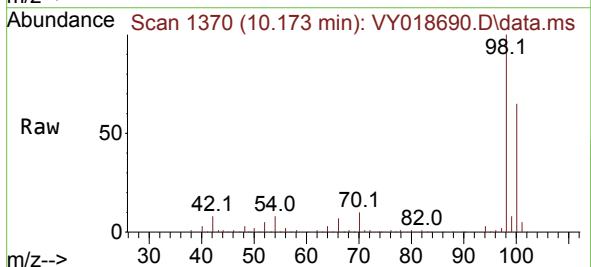
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ClientSampleId :

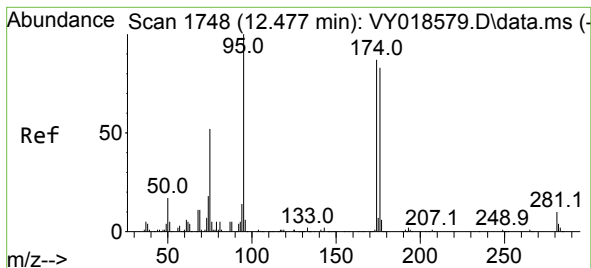
Tgt Ion: 98 Resp: 171536
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.240 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.110 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 194.0 35.7 53.5#

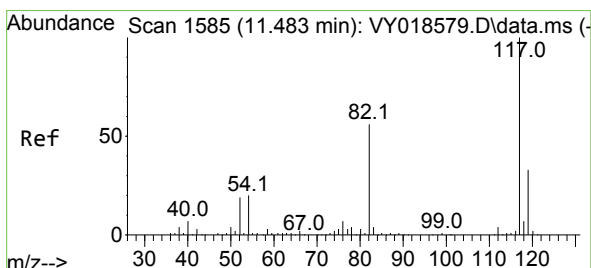
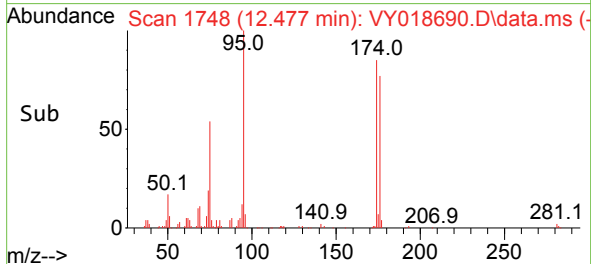
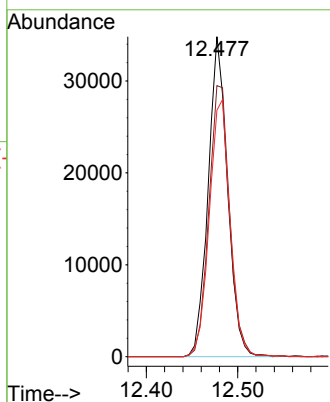
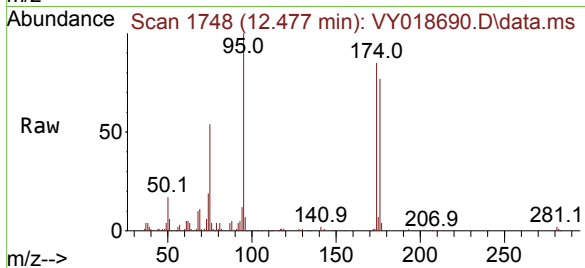




#62
4-Bromofluorobenzene
Concen: 45.560 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

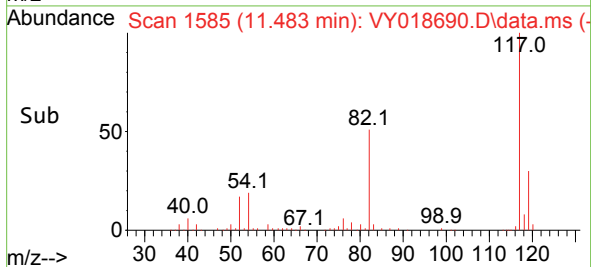
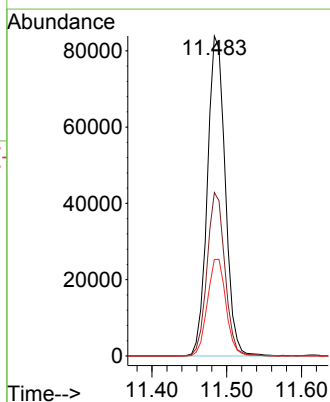
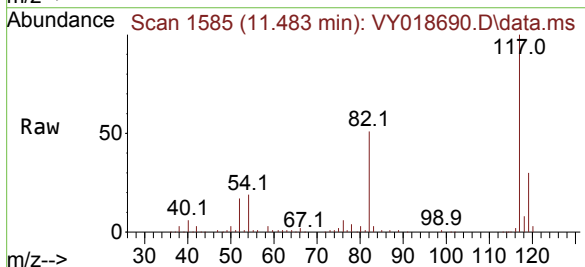
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MSVOA_Y
ClientSampleId :

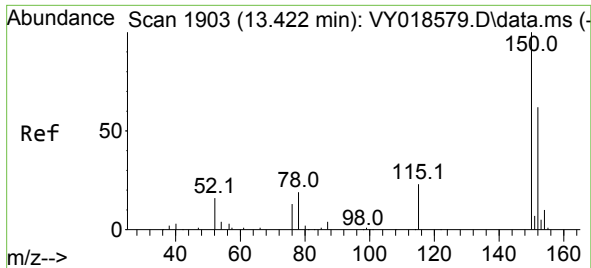
Tgt Ion: 95 Resp: 51272
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 86.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018690.D
Acq: 25 Jun 2024 15:56

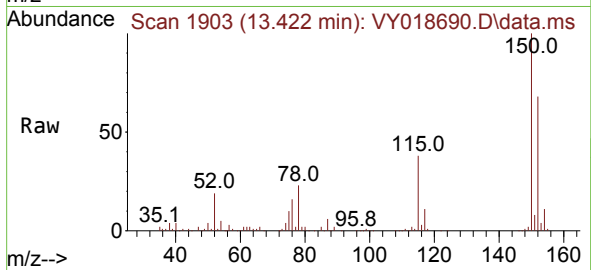
Tgt Ion: 117 Resp: 138953
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 30.2 25.9 38.9



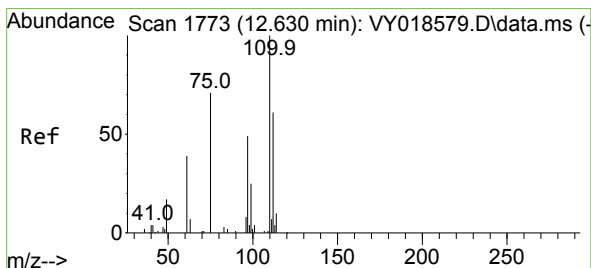
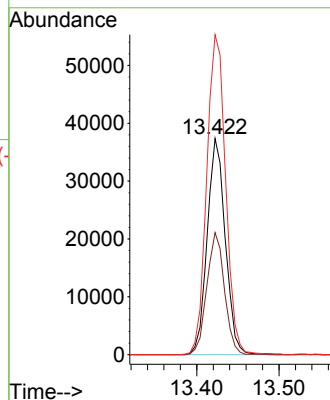
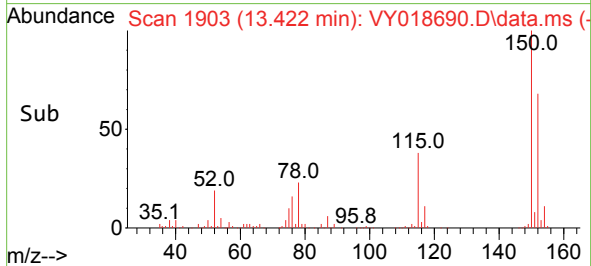


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018690.D
 Acq: 25 Jun 2024 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :

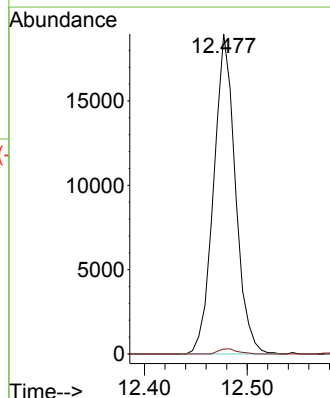
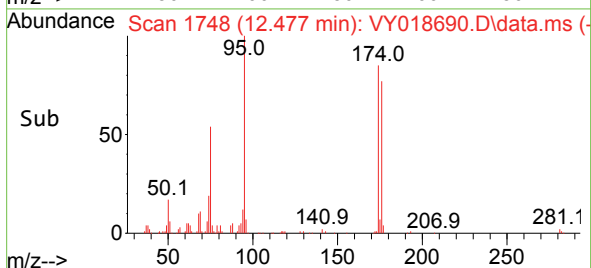
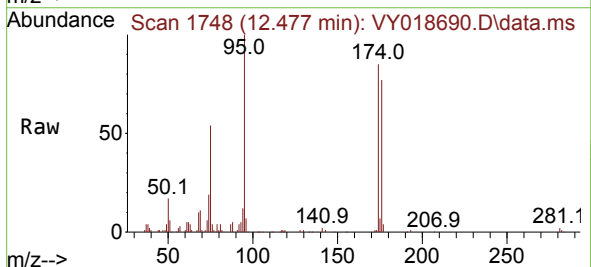


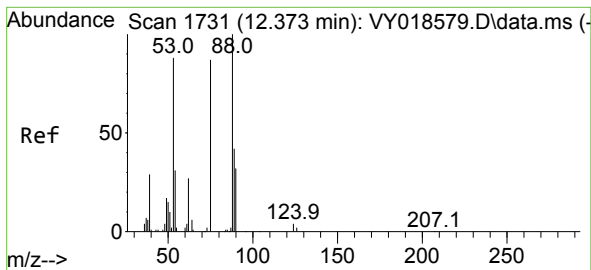
Tgt Ion:152 Resp: 57142
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 154.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 51.901 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018690.D
 Acq: 25 Jun 2024 15:56

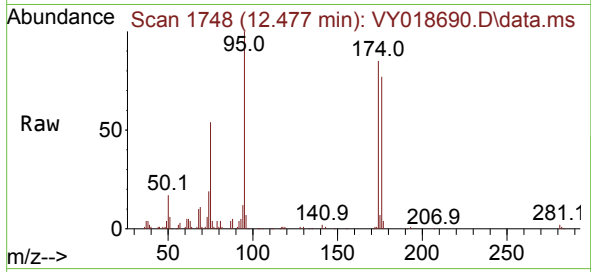
Tgt Ion: 75 Resp: 27820
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.949 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018690.D
 Acq: 25 Jun 2024 15:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 27820
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

