

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018691.D
 Acq On : 25 Jun 2024 16:21
 Operator : SY/MD
 Sample : P3008-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 26 02:38:31 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)

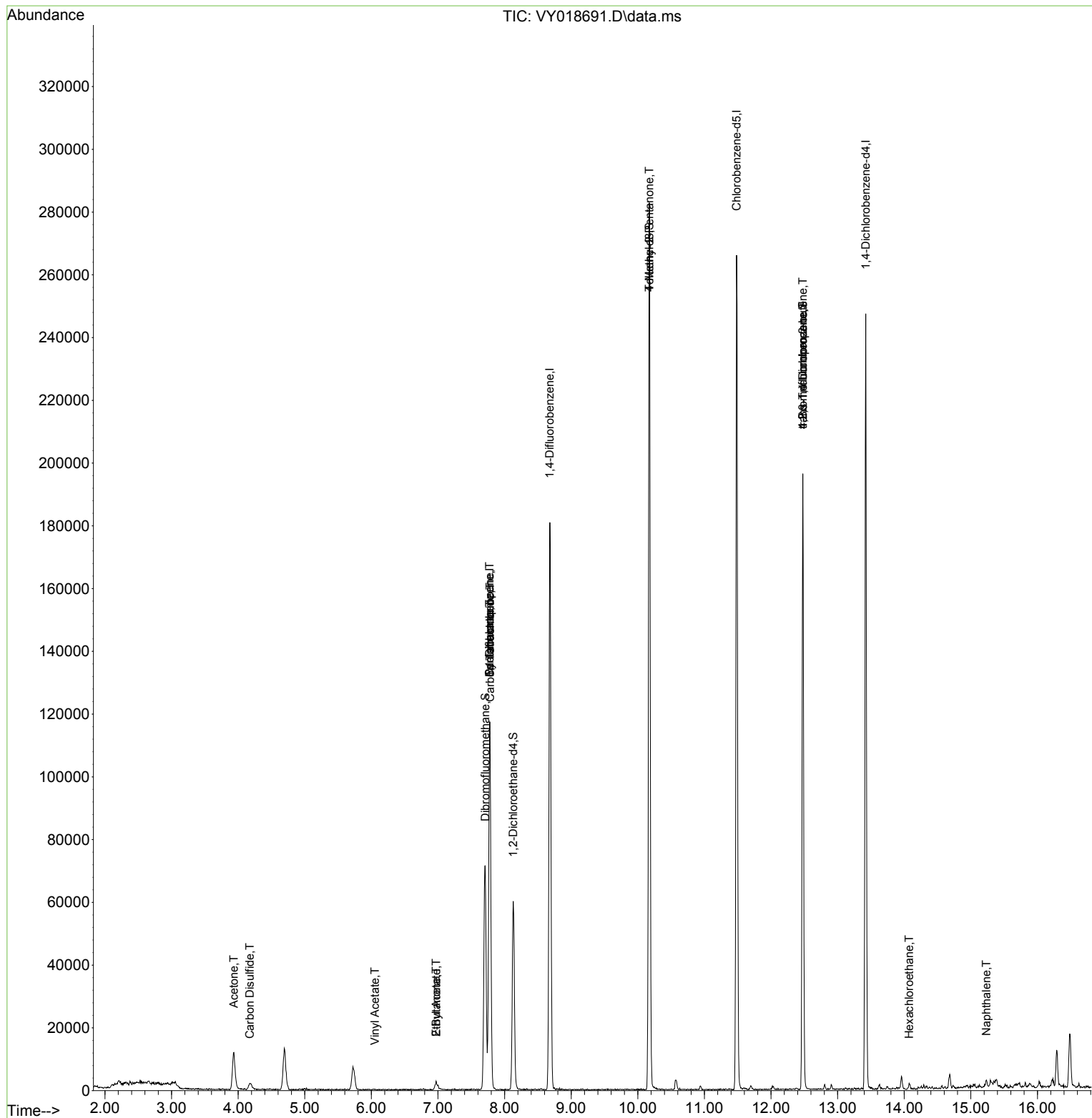
Internal Standards						
1) Pentafluorobenzene	7.777	168	91965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	167321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	150607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47163	50.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.710	113	51740	50.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.380%	
50) Toluene-d8	10.173	98	189418	48.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.477	95	55745	44.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	21079	111.899	ug/l #	85
17) Carbon Disulfide	4.174	76	3188	3.369	ug/l #	76
20) Methylene Chloride	4.692	84	9844	Below Cal		93
23) Vinyl Acetate	6.051	43	23	23.705	ug/l #	67
25) 2-Butanone	6.972	43	2505	8.871	ug/l	95
31) Cyclohexane	7.777	56	2061	1.453	ug/l #	42
36) 1,1-Dichloropropene	7.777	75	6765	4.815	ug/l #	47
37) Ethyl Acetate	6.972	43	2505	3.782	ug/l #	67
38) Carbon Tetrachloride	7.783	117	8885	6.028	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	932	1.431	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	29492	51.348	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29492	134.500	ug/l #	16
90) Hexachloroethane	14.074	117	744	1.033	ug/l #	12
95) Naphthalene	15.233	128	2341	1.262	ug/l	97

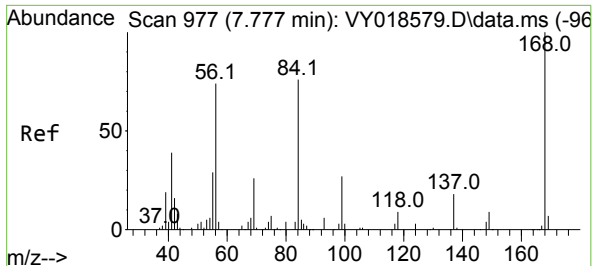
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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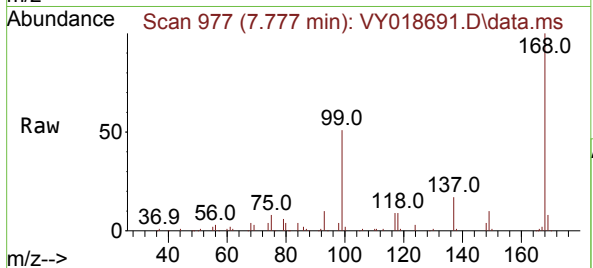
Quant Time: Jun 26 02:38:31 2024
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QLast Update : Fri Jun 14 07:08:24 2024
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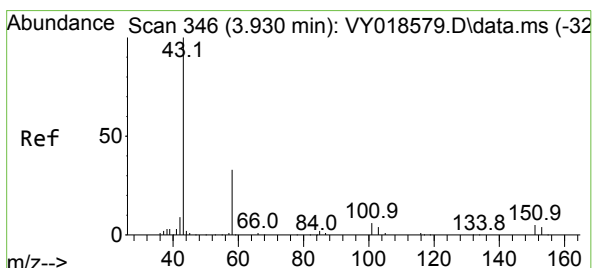
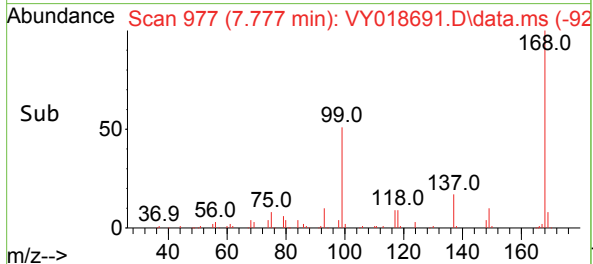
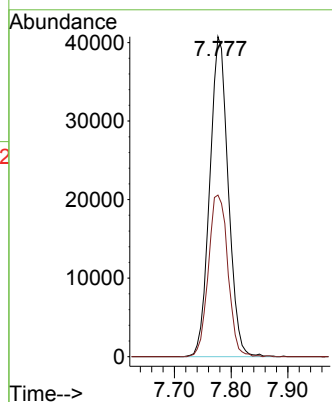


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

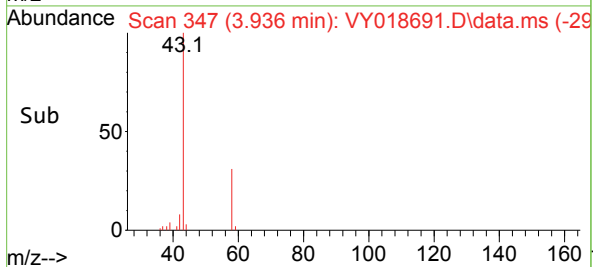
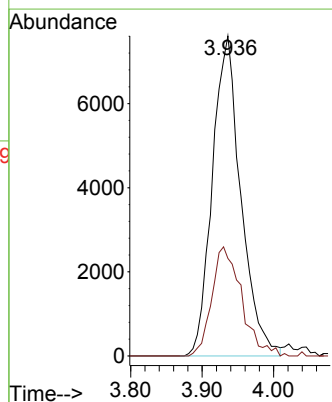
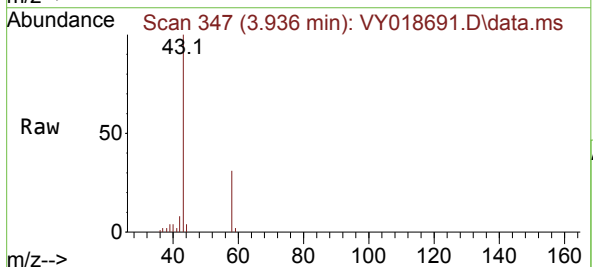


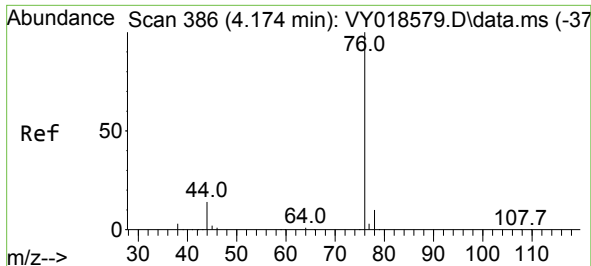
Tgt Ion:168 Resp: 91965
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#16
Acetone
Concen: 111.899 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

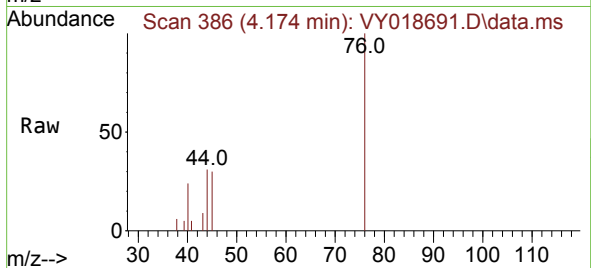
Tgt Ion: 43 Resp: 21079
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#



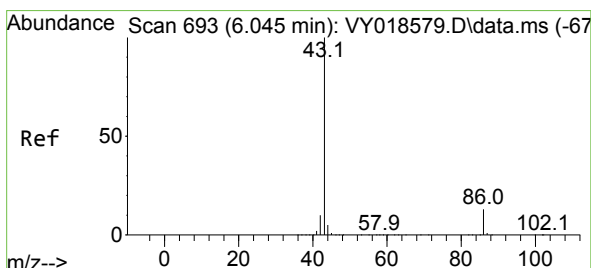
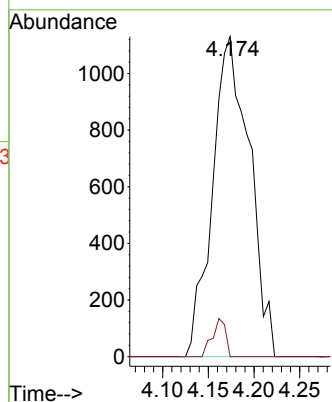
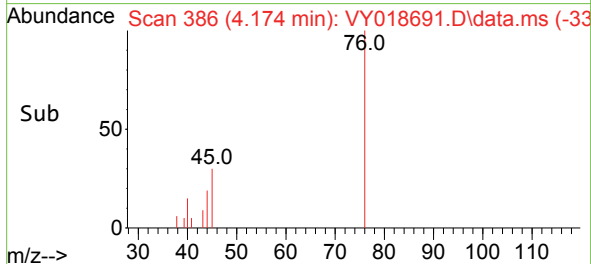


#17
Carbon Disulfide
Concen: 3.369 ug/l
RT: 4.174 min Scan# 3188
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

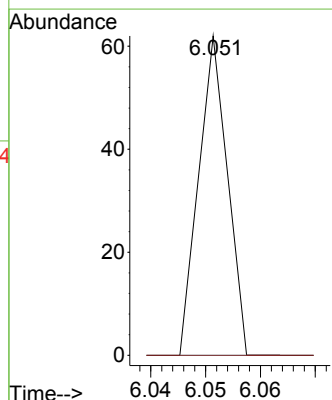
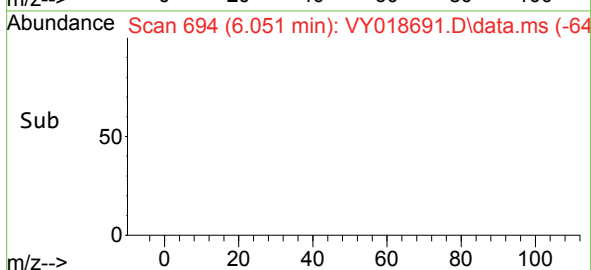
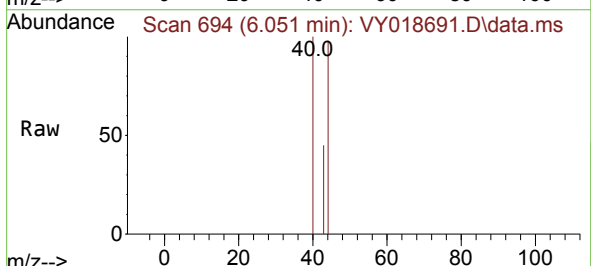


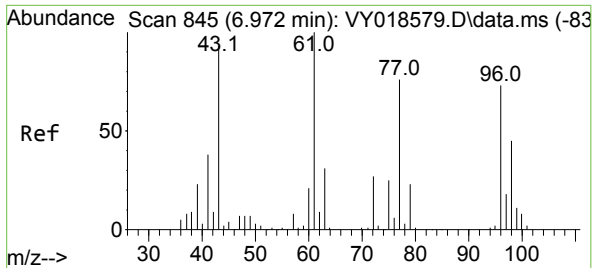
Tgt Ion: 76 Resp: 3188
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#23
Vinyl Acetate
Concen: 23.705 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.006 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#





#25

2-Butanone

Concen: 8.871 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Instrument :

MSVOA_Y

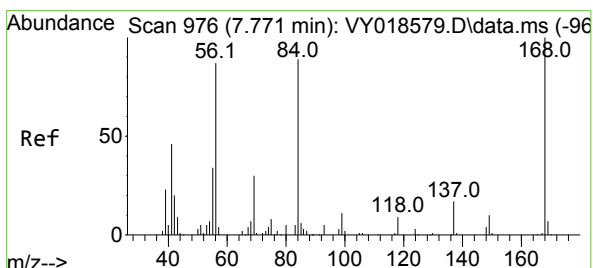
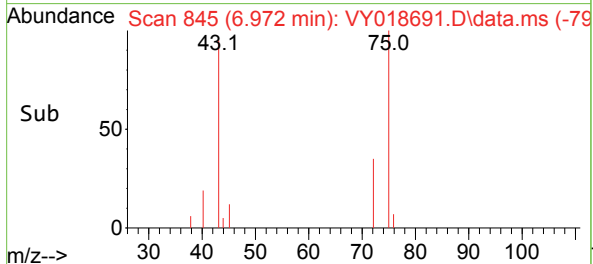
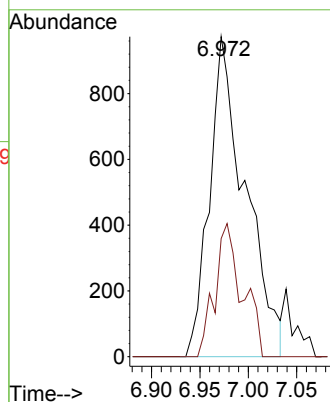
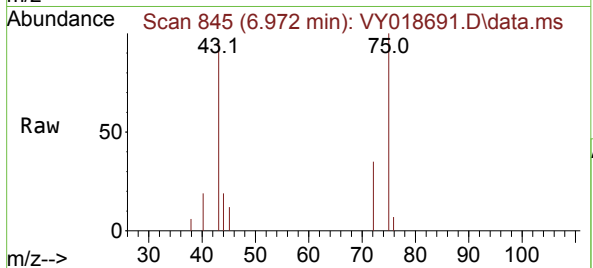
ClientSampleId :

Tgt Ion: 43 Resp: 2505

Ion Ratio Lower Upper

43 100

72 36.9 27.3 40.9



#31

Cyclohexane

Concen: 1.453 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.006 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

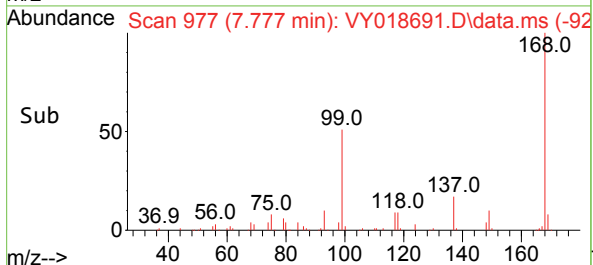
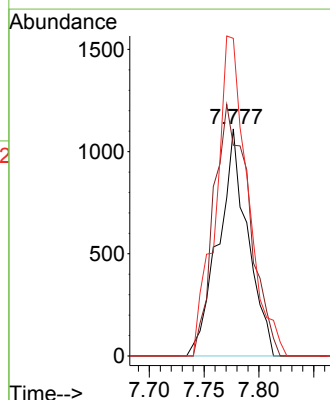
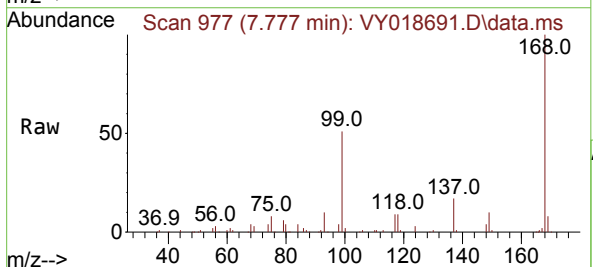
Tgt Ion: 56 Resp: 2061

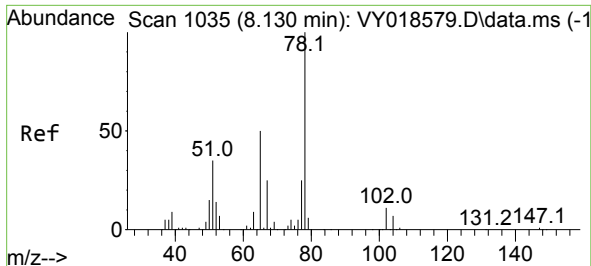
Ion Ratio Lower Upper

56 100

69 92.8 28.7 43.1#

84 139.9 77.7 116.5#

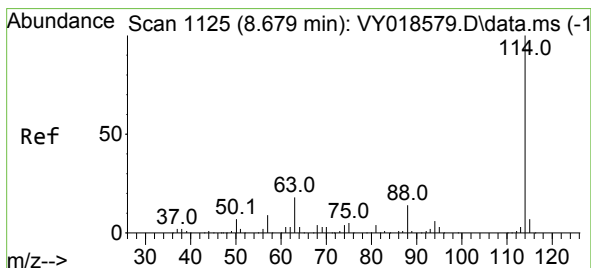
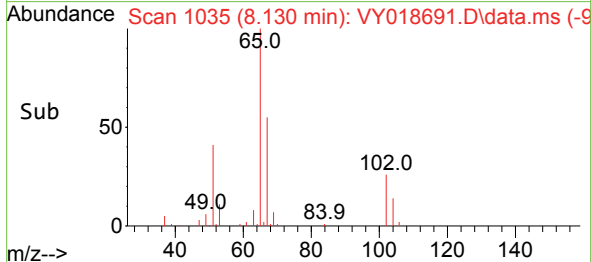
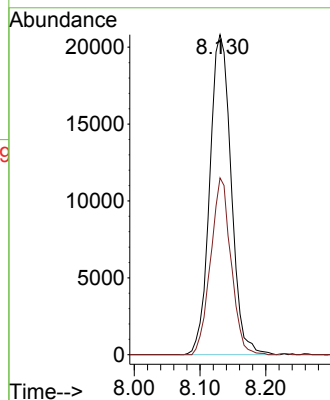
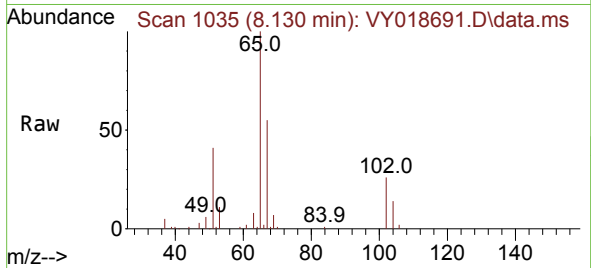




#33
 1,2-Dichloroethane-d4
 Concen: 50.938 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018691.D
 Acq: 25 Jun 2024 16:21

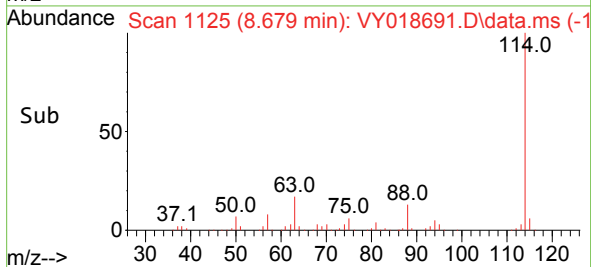
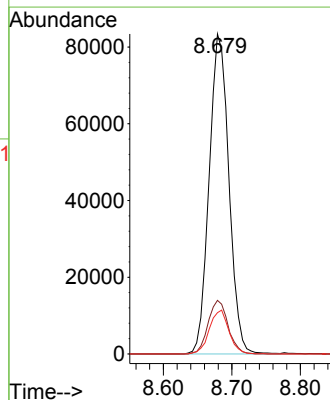
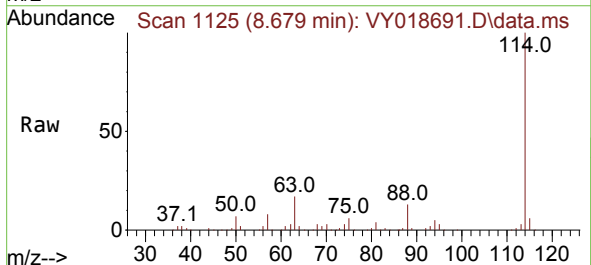
Instrument :
 MSVOA_Y
 ClientSampleId :

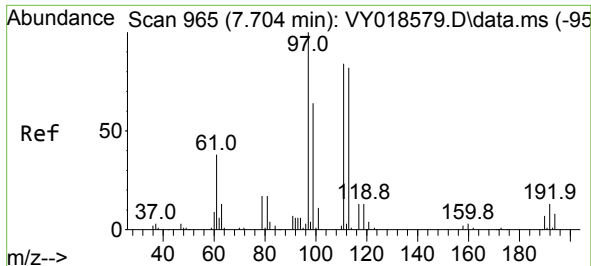
Tgt Ion: 65 Resp: 47163
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VY018691.D
 Acq: 25 Jun 2024 16:21

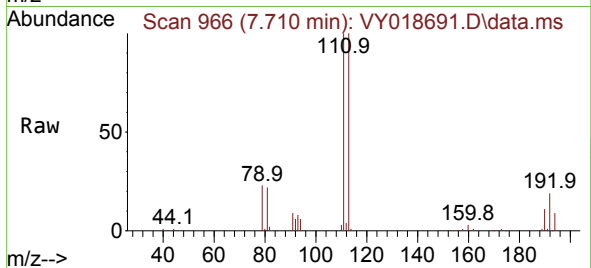
Tgt Ion: 114 Resp: 167321
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 12.9 0.0 27.2



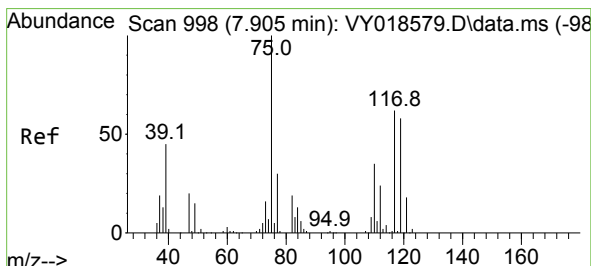
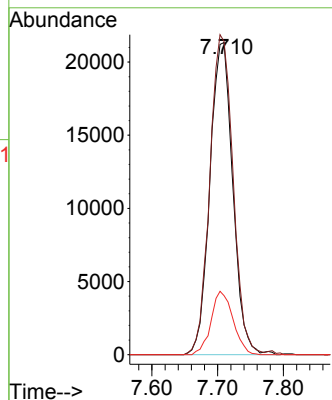
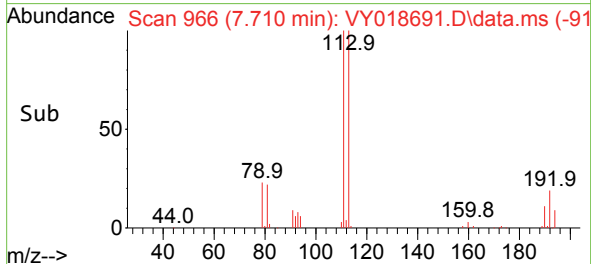


#35
Dibromofluoromethane
Concen: 50.691 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

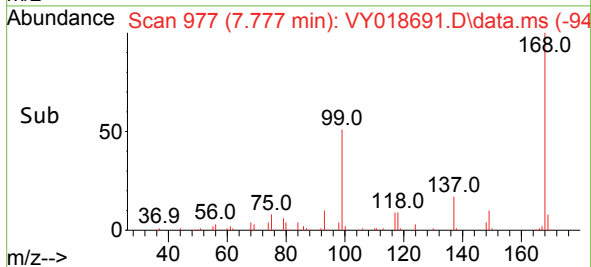
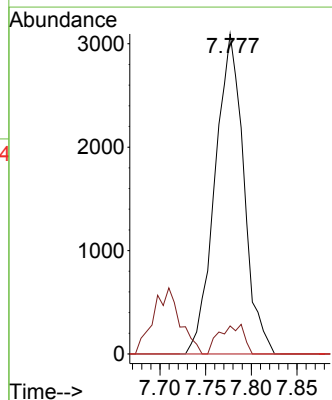
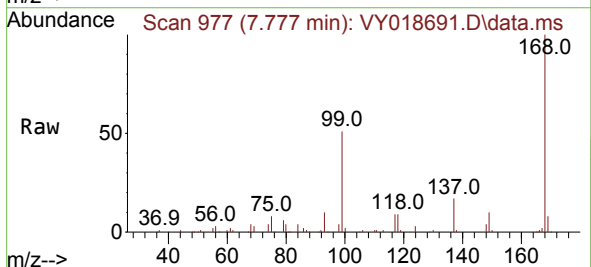


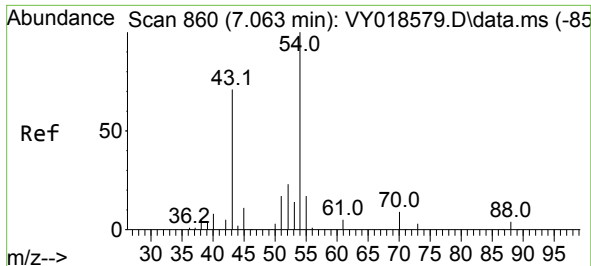
Tgt Ion:113 Resp: 51740
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Tgt Ion: 75 Resp: 6765
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.782 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

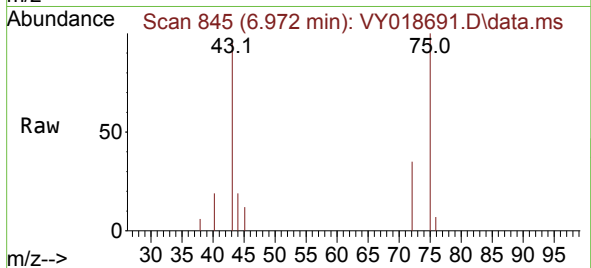
Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

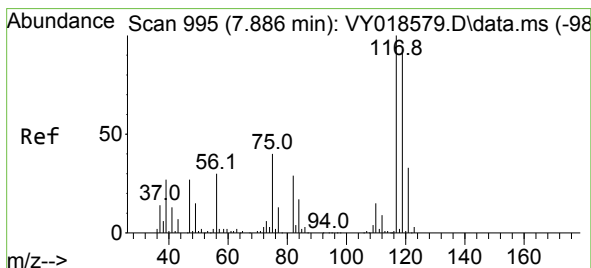
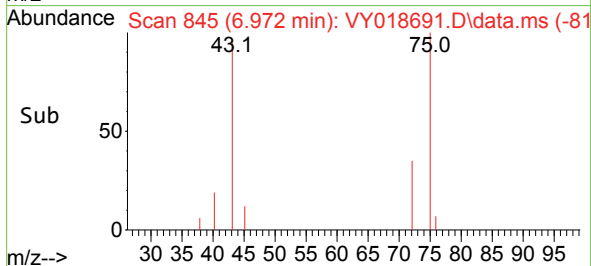
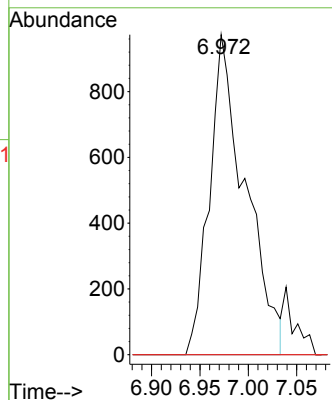
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp:	2505
Ion	Ratio	Lower Upper
43	100	
61	0.0	12.6 19.0#
70	0.0	7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.028 ug/l

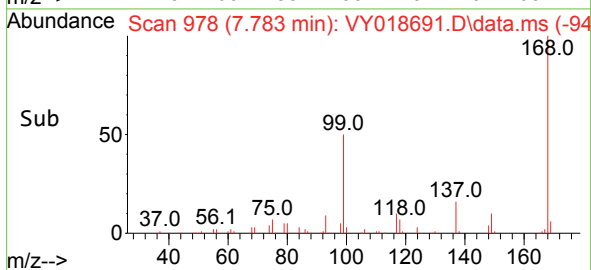
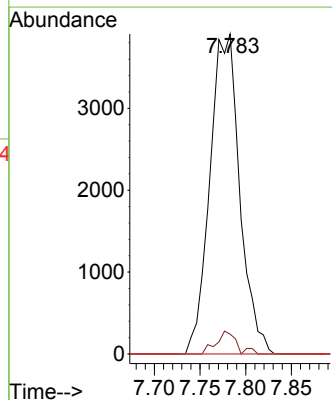
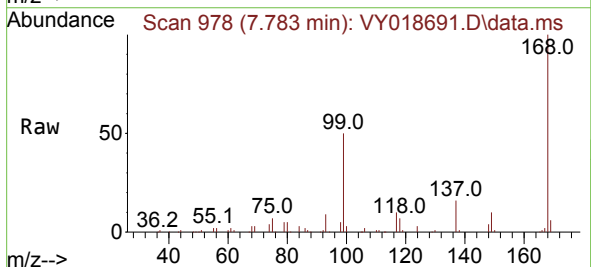
RT: 7.783 min Scan# 978

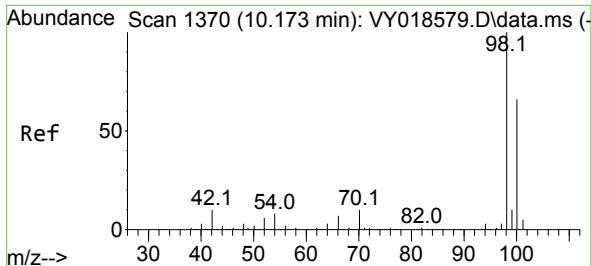
Delta R.T. -0.104 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Tgt Ion: 117	Resp:	8885
Ion	Ratio	Lower Upper
117	100	
119	6.2	75.8 113.6#
121	0.0	24.0 36.0#

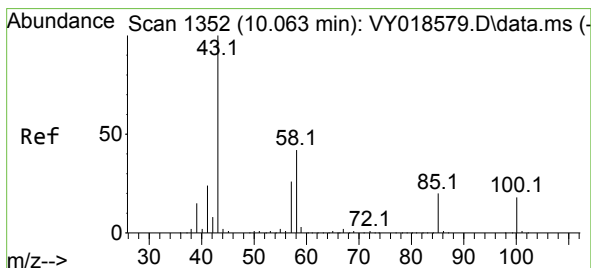
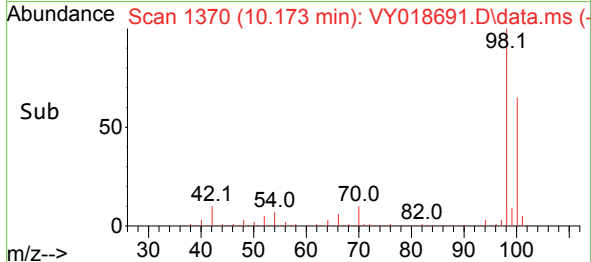
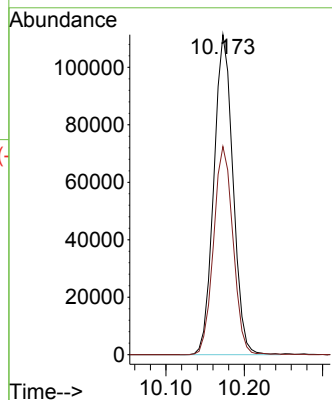
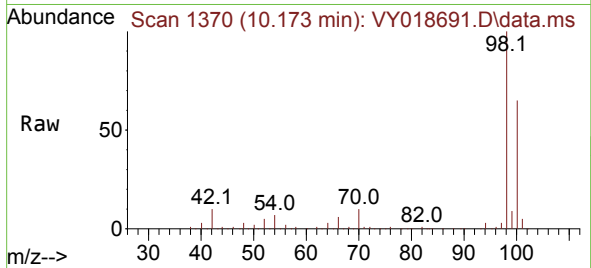




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

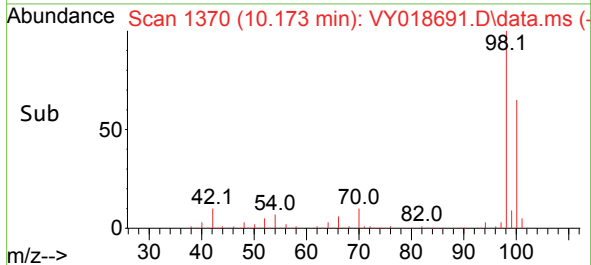
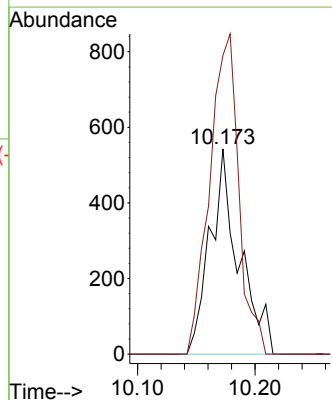
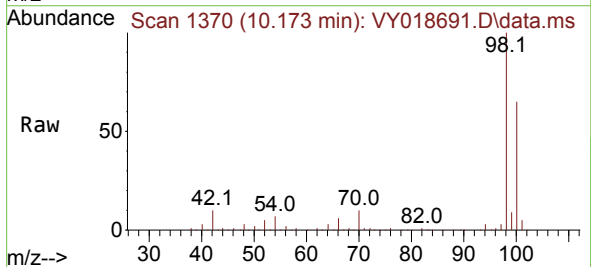
Instrument :
MSVOA_Y
ClientSampleId :

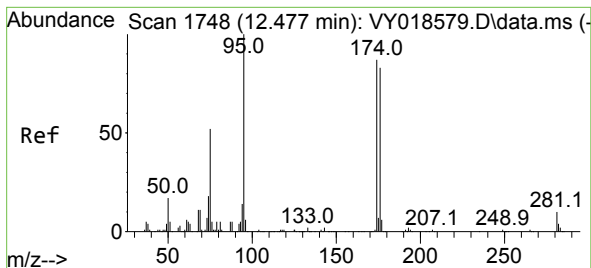
Tgt Ion: 98 Resp: 189418
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.431 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.110 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 156.4 35.7 53.5#

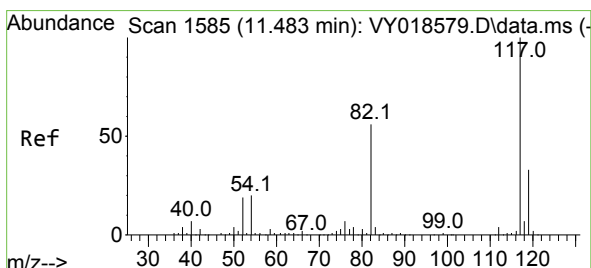
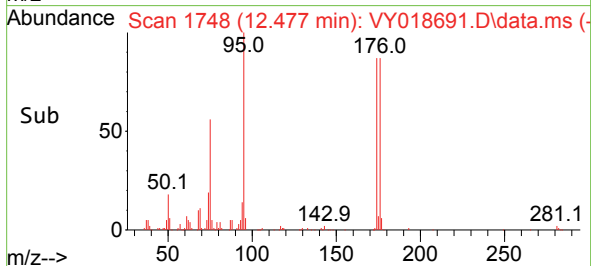
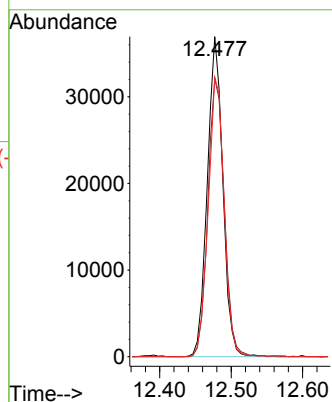
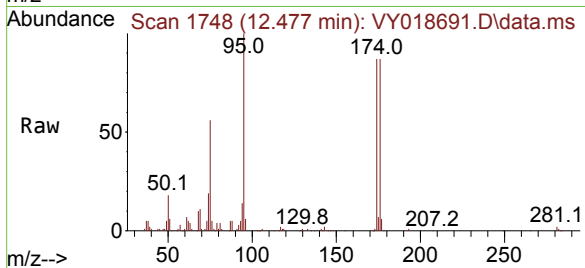




#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

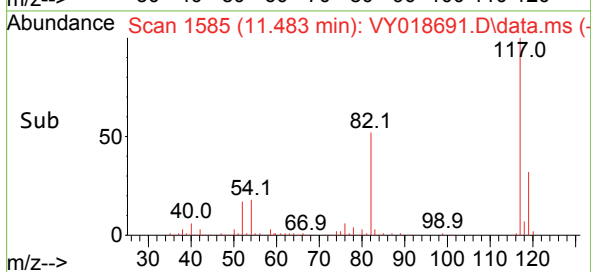
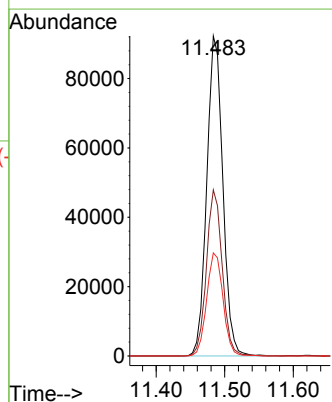
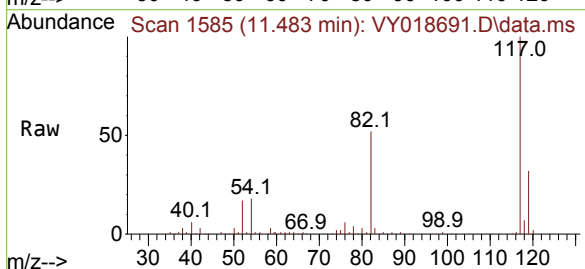
Instrument :
MSVOA_Y
ClientSampleId :

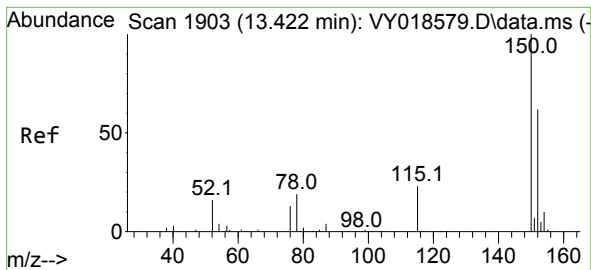
Tgt Ion: 95 Resp: 55745
Ion Ratio Lower Upper
95 100
174 91.7 0.0 175.6
176 89.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

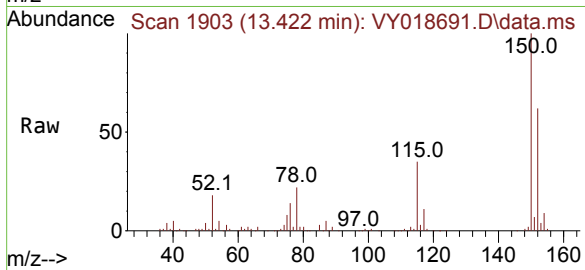
Tgt Ion: 117 Resp: 150607
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 32.2 25.9 38.9



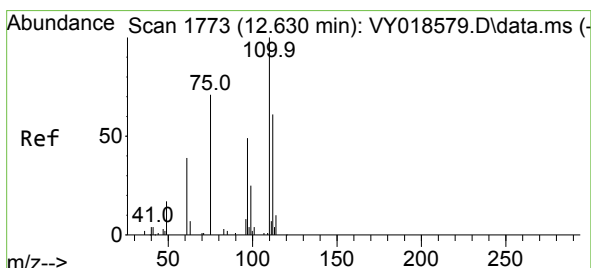
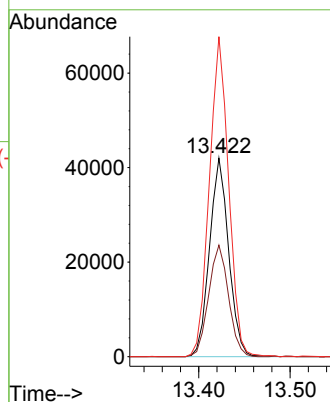
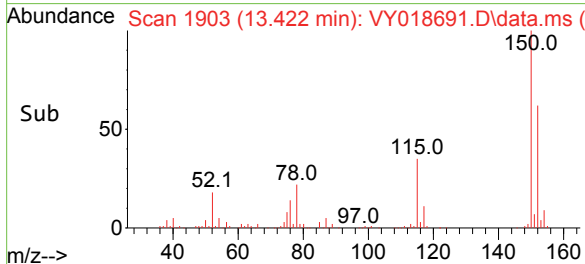


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018691.D
 Acq: 25 Jun 2024 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :

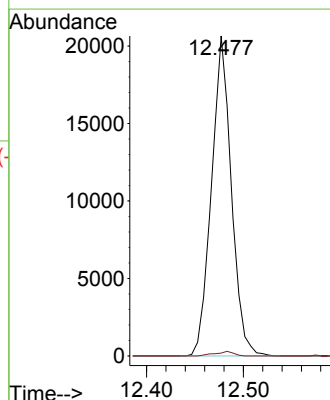
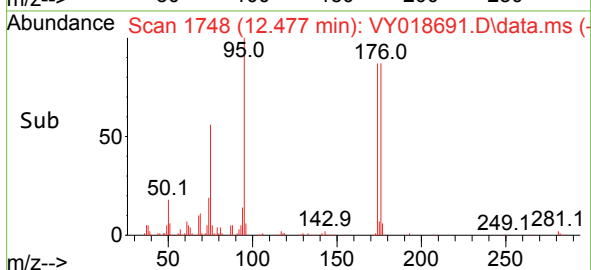
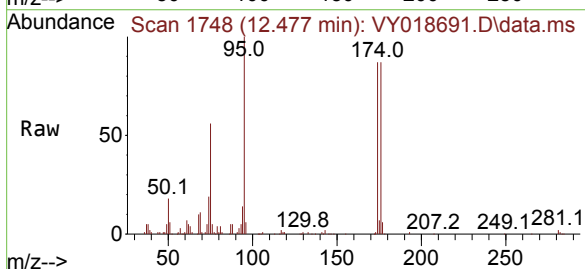


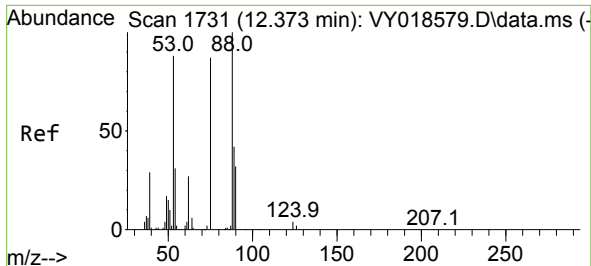
Tgt Ion:152 Resp: 61229
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 161.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 51.348 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018691.D
 Acq: 25 Jun 2024 16:21

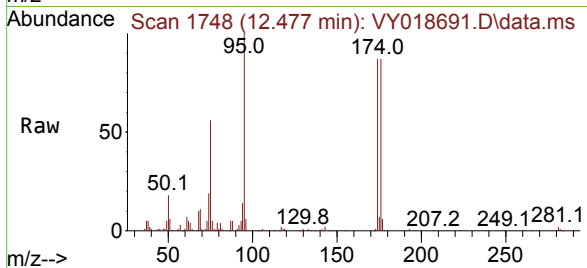
Tgt Ion: 75 Resp: 29492
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



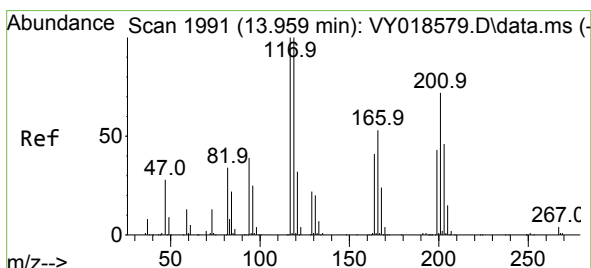
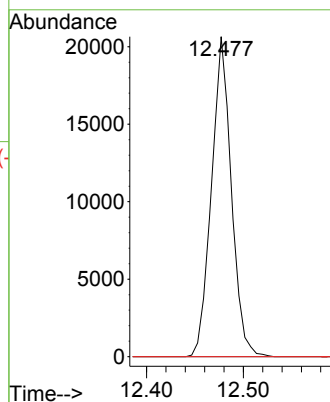
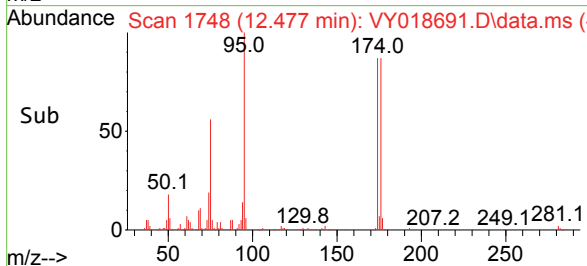


#81
trans-1,4-Dichloro-2-butene
Concen: 134.500 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

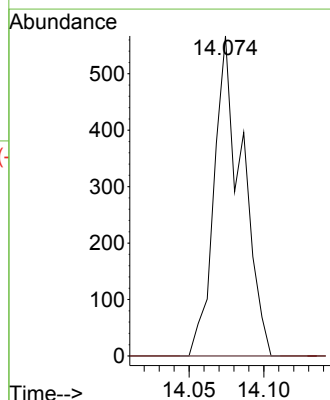
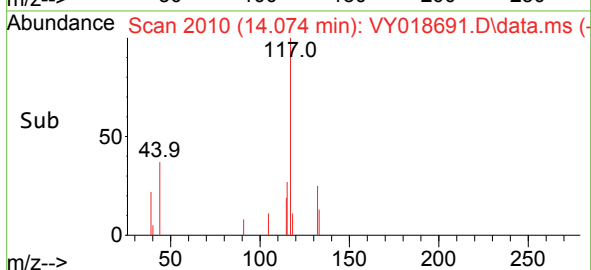
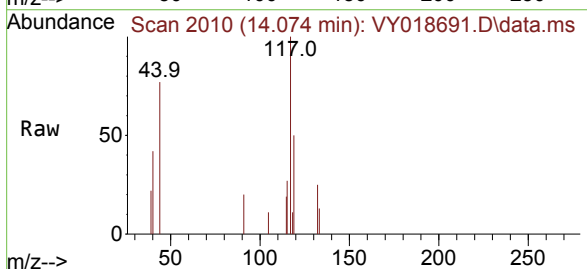


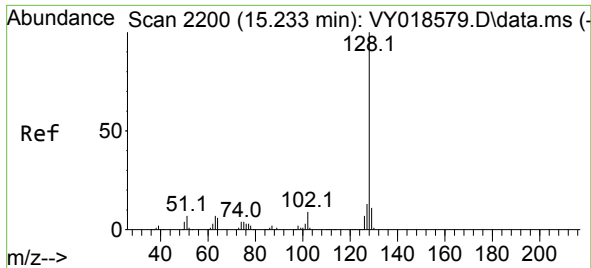
Tgt Ion: 75 Resp: 29492
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#90
Hexachloroethane
Concen: 1.033 ug/l
RT: 14.074 min Scan# 2010
Delta R.T. 0.116 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Tgt Ion: 117 Resp: 744
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#





#95

Naphthalene

Concen: 1.262 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

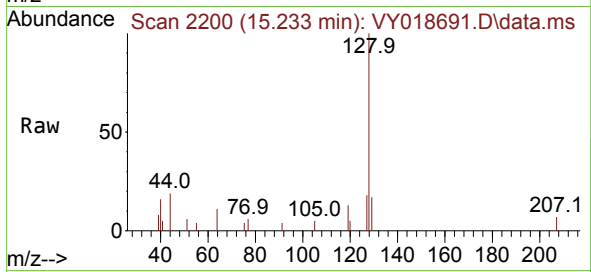
Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 2341

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 11.7 8.6 13.0

