

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018686.D
 Acq On : 25 Jun 2024 14:17
 Operator : SY/MD
 Sample : P3021-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 26 02:36:41 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)

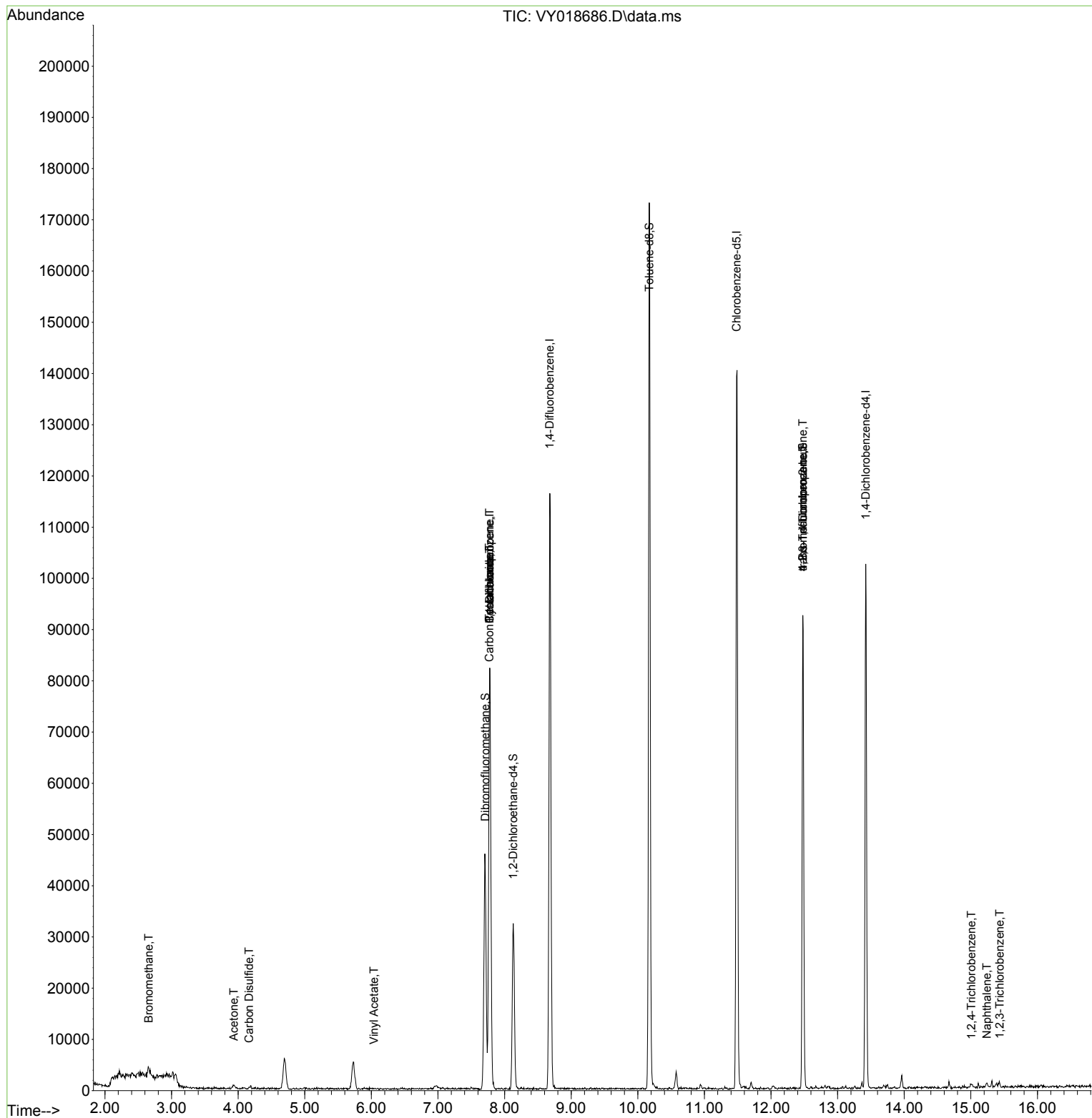
Internal Standards						
1) Pentafluorobenzene	7.777	168	66177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	105095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	84223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24802	37.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.460%
35) Dibromofluoromethane	7.710	113	31428	49.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.173	98	117870	47.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.477	95	28406	36.487	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	907	1.098	ug/l	95
16) Acetone	3.936	43	1222	9.015	ug/l #	79
17) Carbon Disulfide	4.162	76	179	2.309	ug/l #	76
20) Methylene Chloride	4.698	84	4696	Below Cal		98
23) Vinyl Acetate	6.039	43	44	23.718	ug/l #	67
31) Cyclohexane	7.777	56	1213	1.189	ug/l #	4
36) 1,1-Dichloropropene	7.777	75	4814	5.455	ug/l #	49
38) Carbon Tetrachloride	7.771	117	6116	6.606	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	14679	55.944	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14679	146.537	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.007	180	572	1.261	ug/l #	55
95) Naphthalene	15.239	128	1247	1.472	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.434	180	395	1.031	ug/l	86

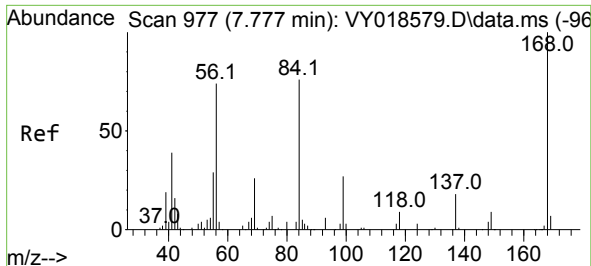
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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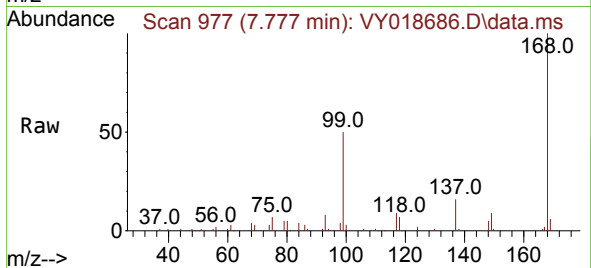
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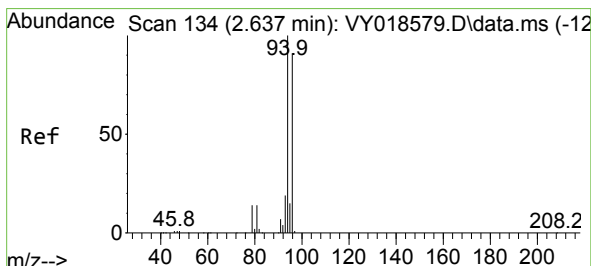
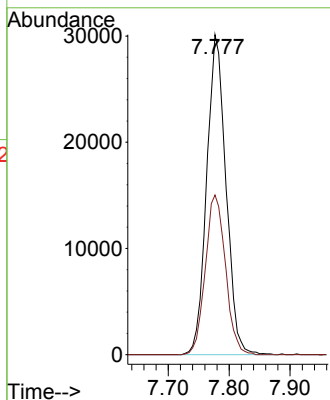
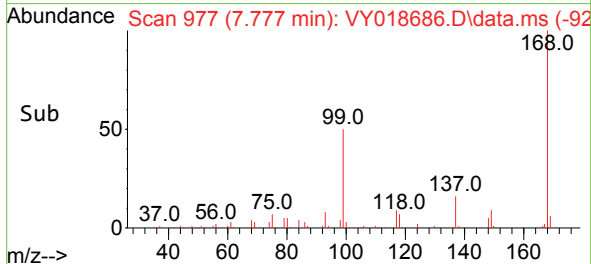


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Instrument :
MSVOA_Y
ClientSampleId :

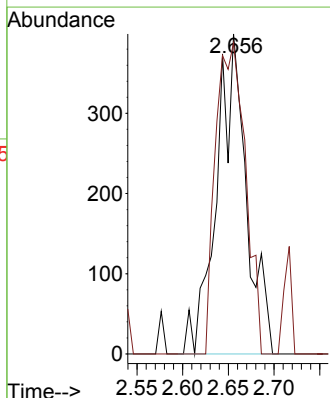
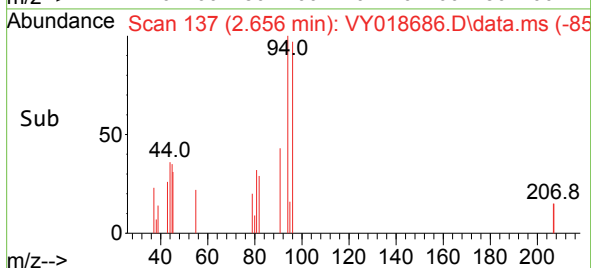
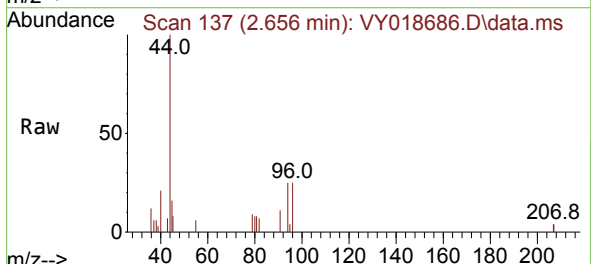


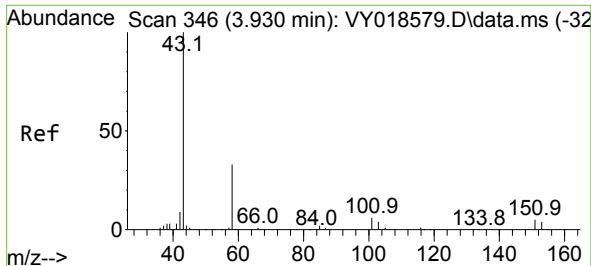
Tgt Ion:168 Resp: 66177
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#5
Bromomethane
Concen: 1.098 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Tgt Ion: 94 Resp: 907
Ion Ratio Lower Upper
94 100
96 97.2 74.1 111.1





#16

Acetone

Concen: 9.015 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018686.D

Acq: 25 Jun 2024 14:17

Instrument :

MSVOA_Y

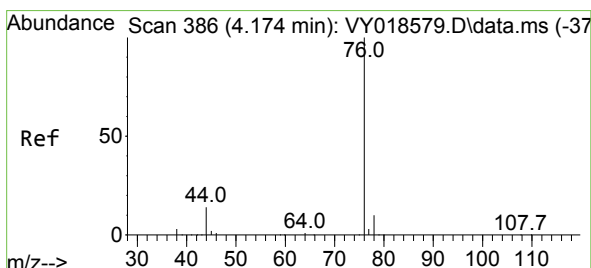
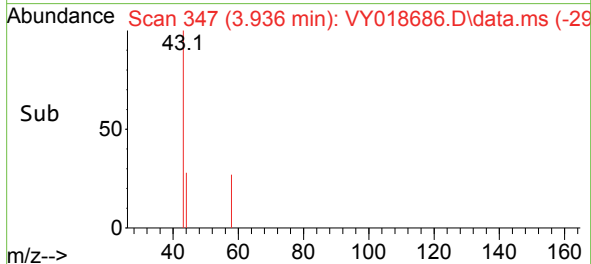
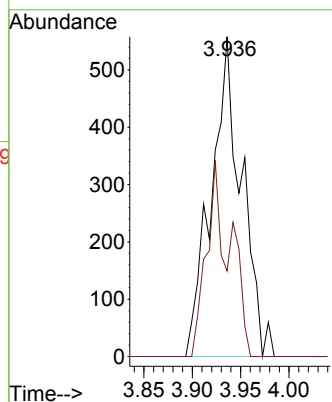
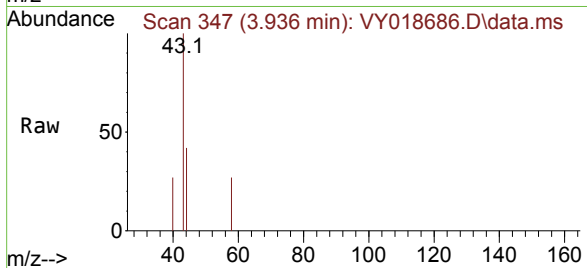
ClientSampleId :

Tgt Ion: 43 Resp: 1222

Ion Ratio Lower Upper

43 100

58 26.7 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.309 ug/l

RT: 4.162 min Scan# 384

Delta R.T. -0.012 min

Lab File: VY018686.D

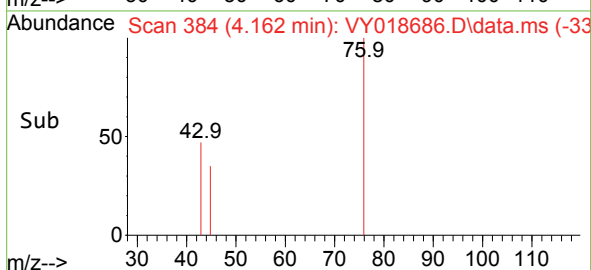
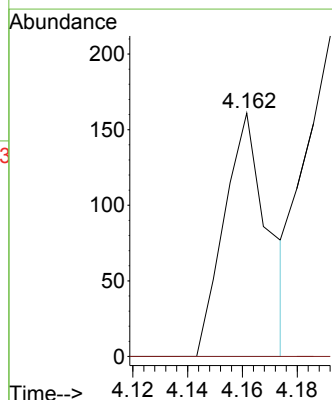
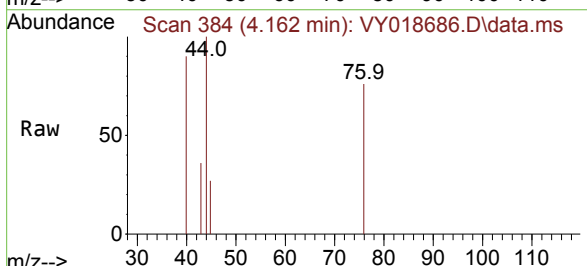
Acq: 25 Jun 2024 14:17

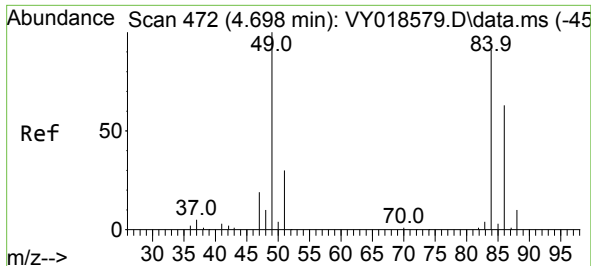
Tgt Ion: 76 Resp: 179

Ion Ratio Lower Upper

76 100

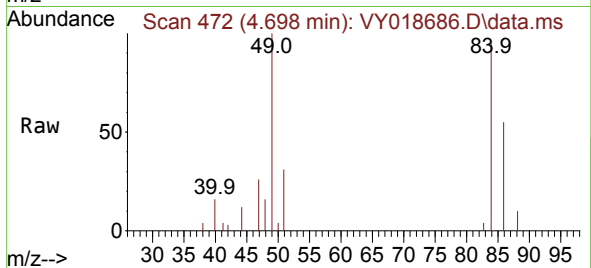
78 0.0 6.8 10.2#



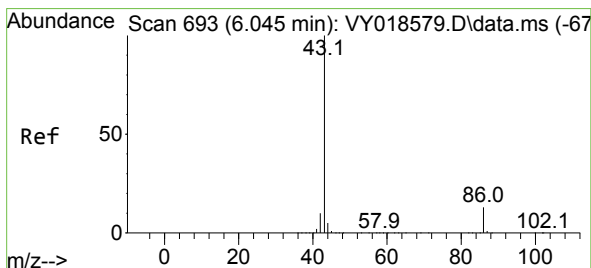
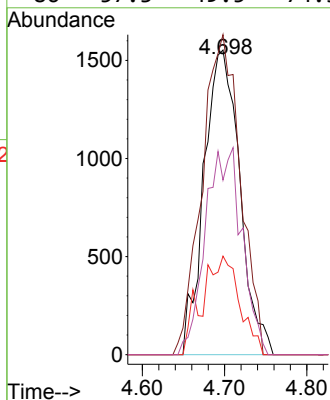


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Instrument :
MSVOA_Y
ClientSampleId :

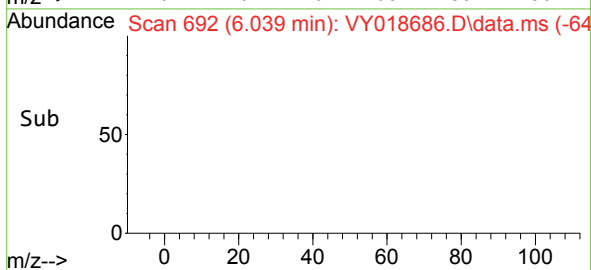
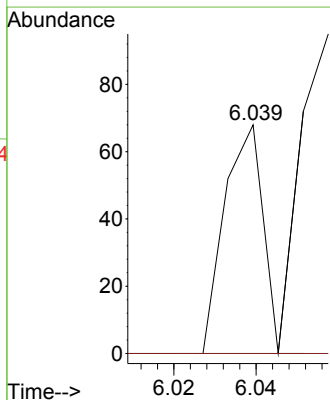
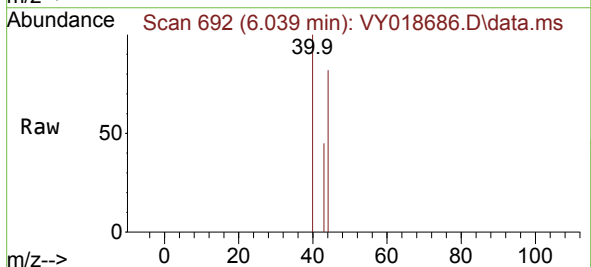


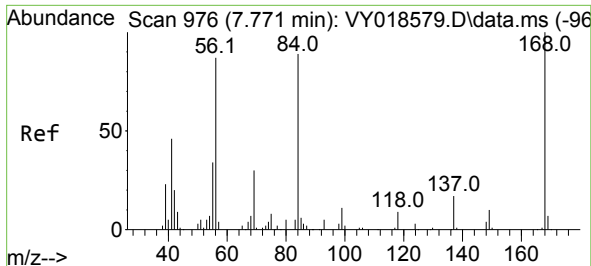
Tgt Ion:	84	Resp:	4696
Ion	Ratio	Lower	Upper
84	100		
49	105.0	84.4	126.6
51	32.3	26.0	39.0
86	57.3	49.5	74.3



#23
Vinyl Acetate
Concen: 23.718 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.006 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

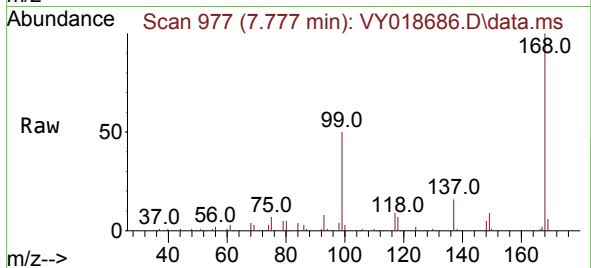
Tgt Ion:	43	Resp:	44
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#



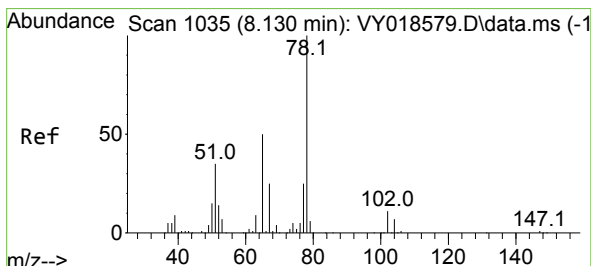
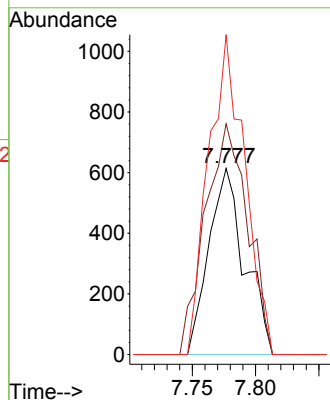
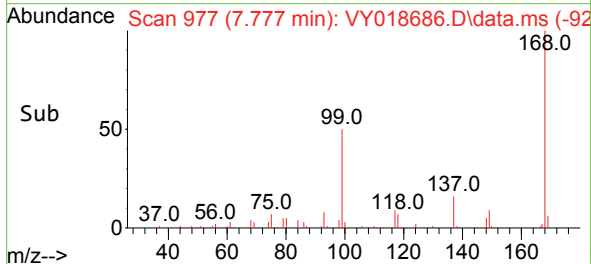


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Instrument :
MSVOA_Y
ClientSampleId :

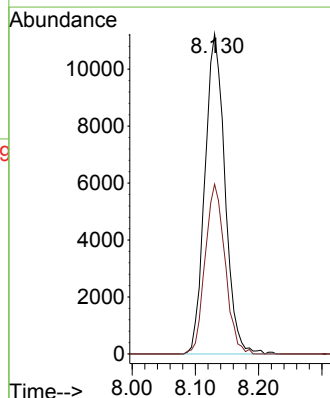
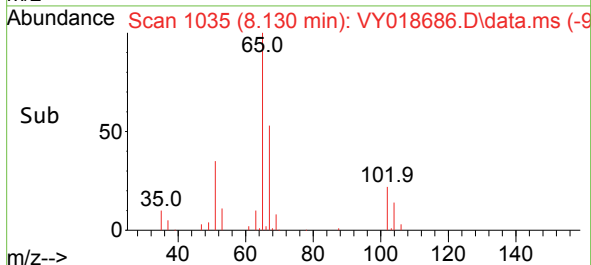
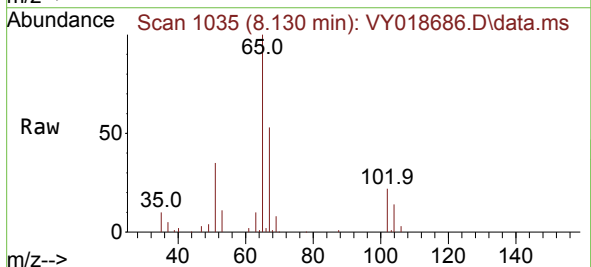


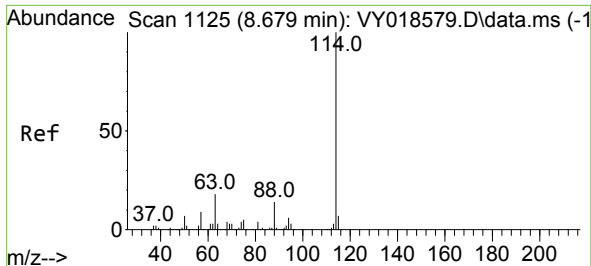
Tgt Ion: 56 Resp: 1213
Ion Ratio Lower Upper
56 100
69 123.9 28.7 43.1#
84 171.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 37.225 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

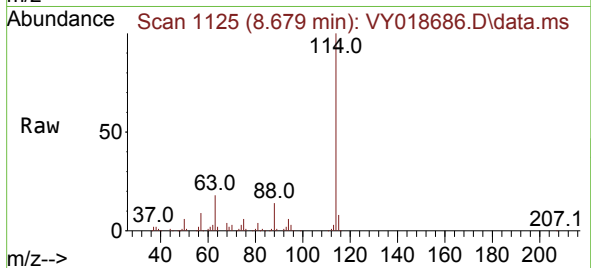
Tgt Ion: 65 Resp: 24802
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6



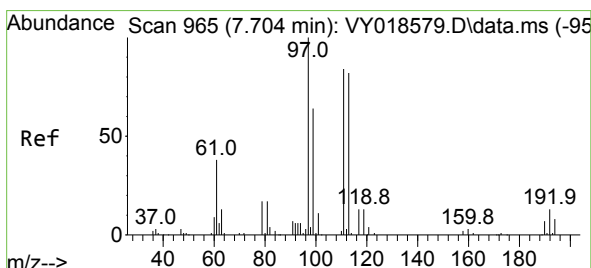
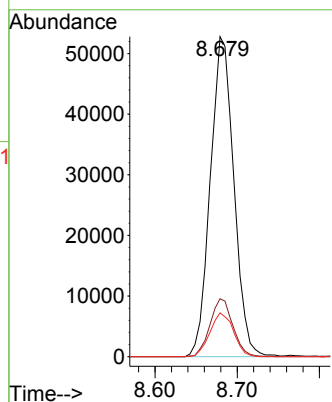
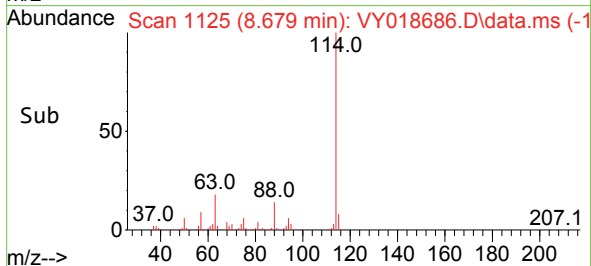


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Instrument :
MSVOA_Y
ClientSampleId :

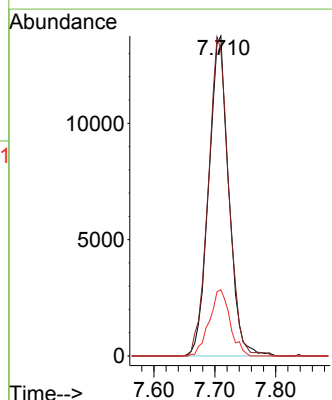
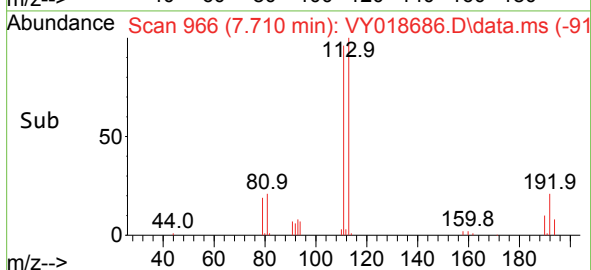
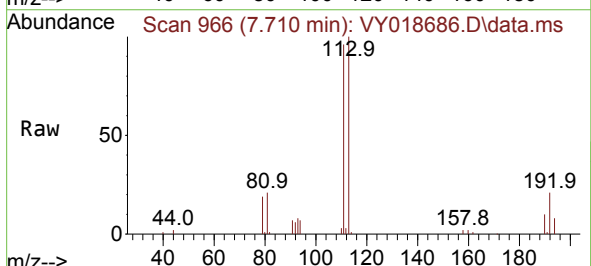


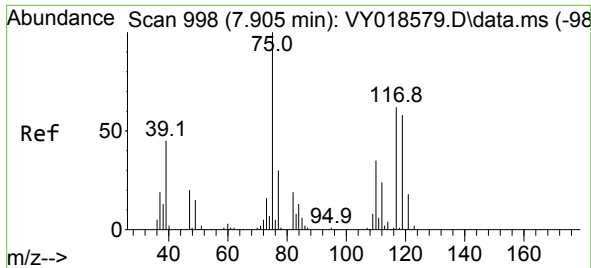
Tgt Ion:114 Resp: 105095
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.022 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Tgt Ion:113 Resp: 31428
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.4 15.9 23.9

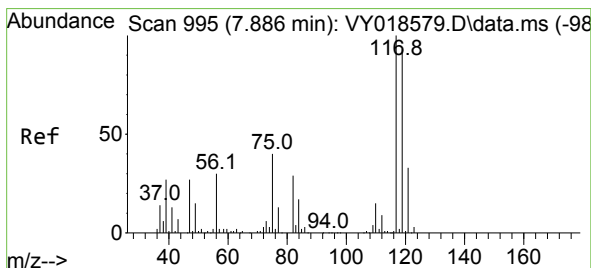
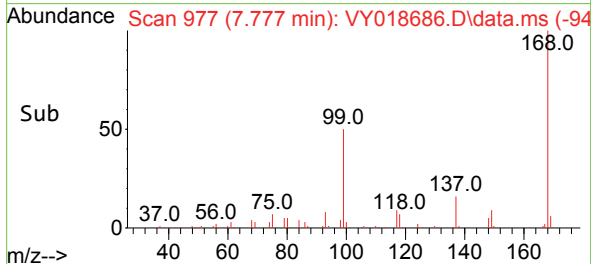
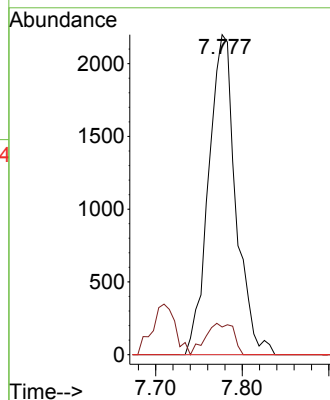
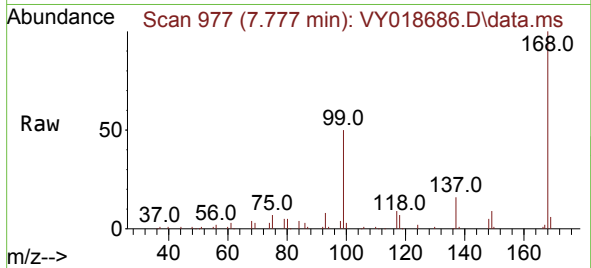




#36
 1,1-Dichloropropene
 Concen: 5.455 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018686.D
 Acq: 25 Jun 2024 14:17

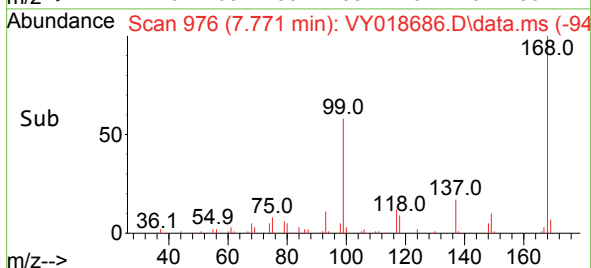
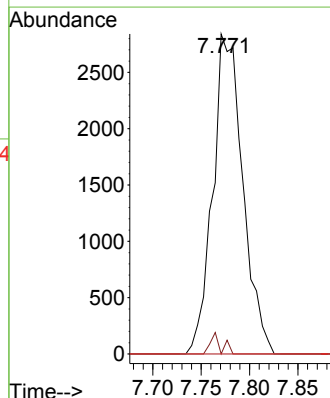
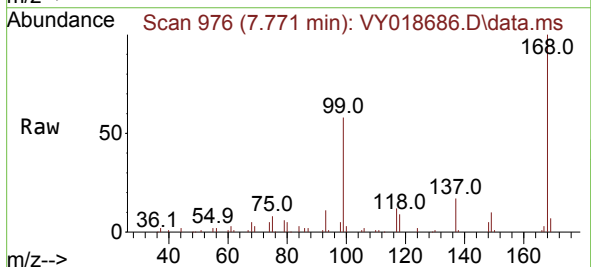
Instrument :
 MSVOA_Y
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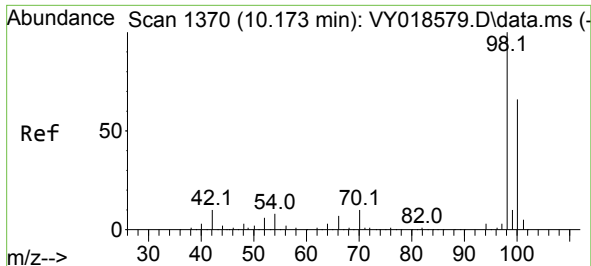
Tgt Ion: 75 Resp: 4814
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.606 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. -0.116 min
 Lab File: VY018686.D
 Acq: 25 Jun 2024 14:17

Tgt Ion: 117 Resp: 6116
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.6#
 121 0.0 24.0 36.0#

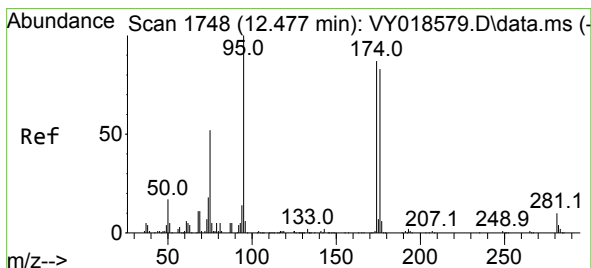
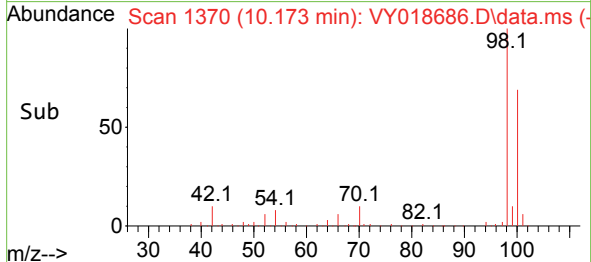
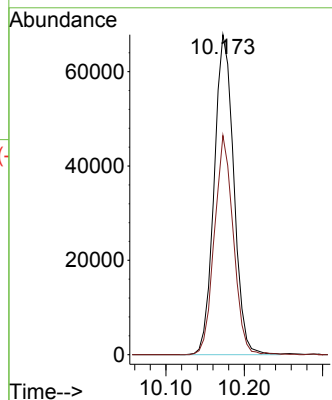
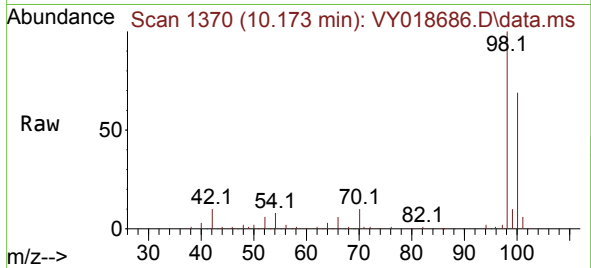




#50
Toluene-d8
Concen: 47.809 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

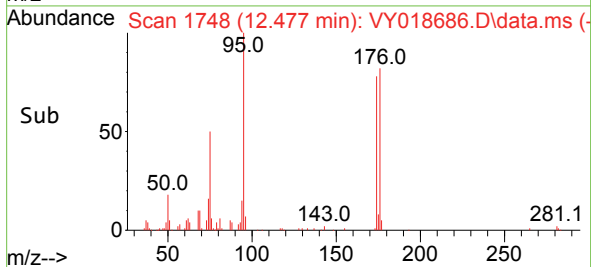
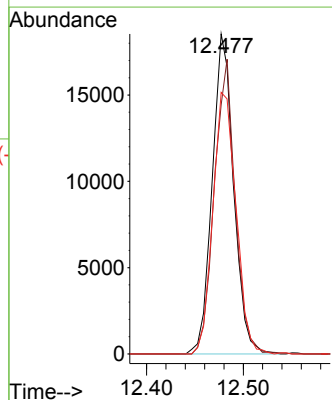
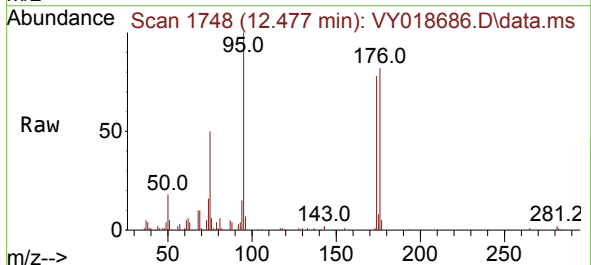
Instrument :
MSVOA_Y
ClientSampleId :

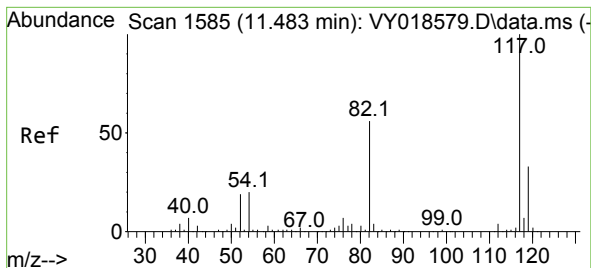
Tgt Ion: 98 Resp: 117870
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.487 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Tgt Ion: 95 Resp: 28406
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 88.7 0.0 171.4

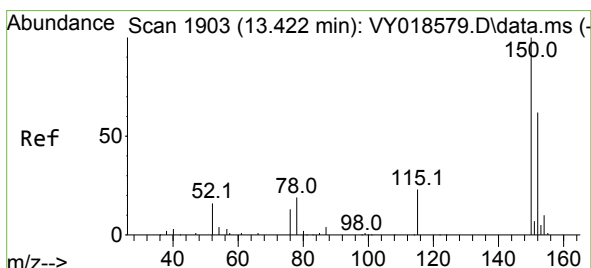
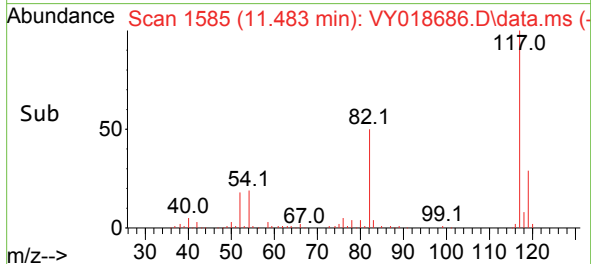
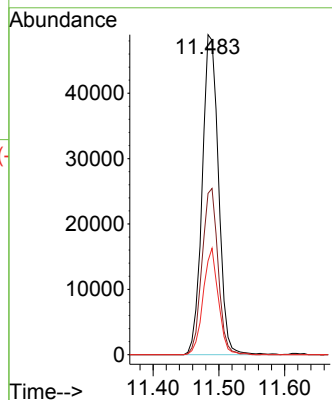
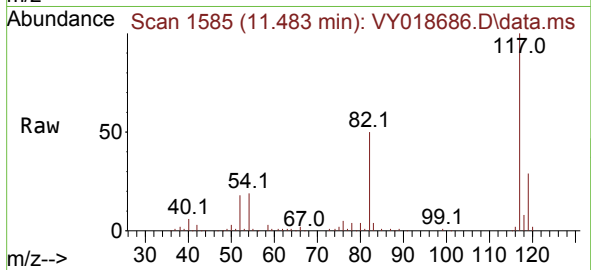




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

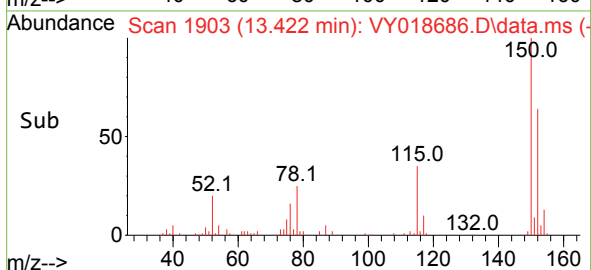
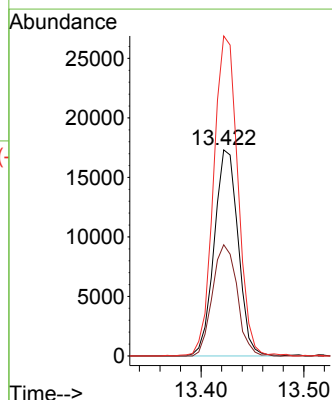
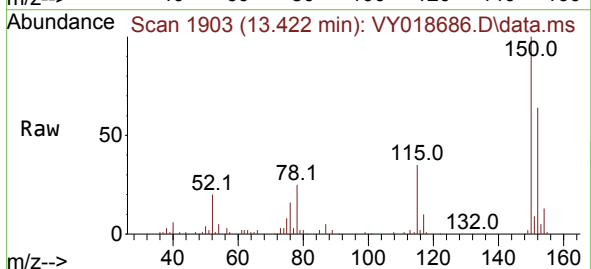
Instrument :
MSVOA_Y
ClientSampleId :

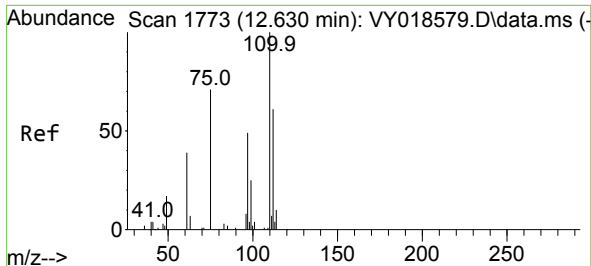
Tgt Ion:117 Resp: 84223
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 29.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018686.D
Acq: 25 Jun 2024 14:17

Tgt Ion:152 Resp: 27972
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.5 0.0 345.6

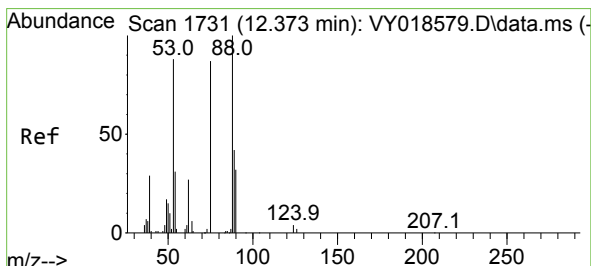
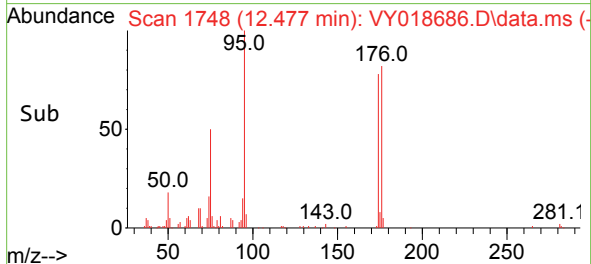
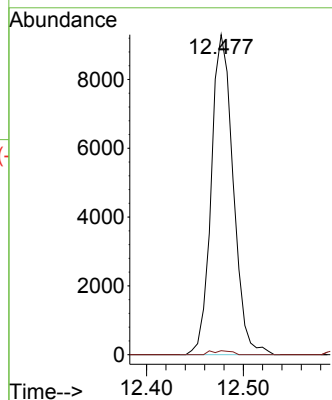
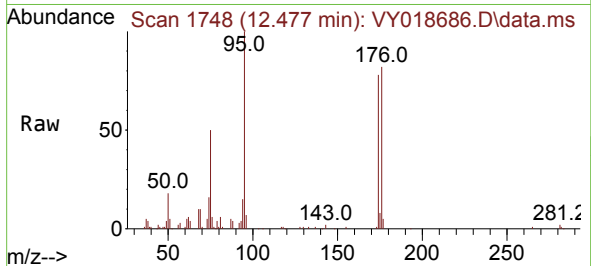




#76
 1,2,3-Trichloropropane
 Concen: 55.944 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018686.D
 Acq: 25 Jun 2024 14:17

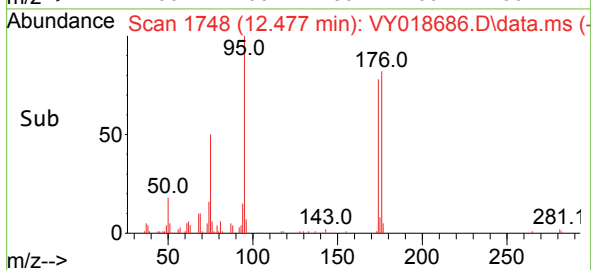
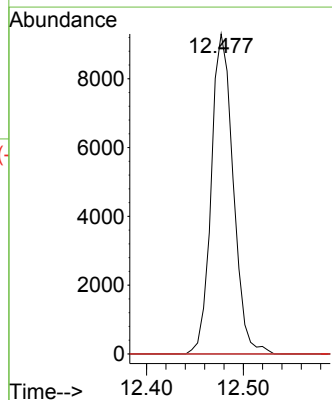
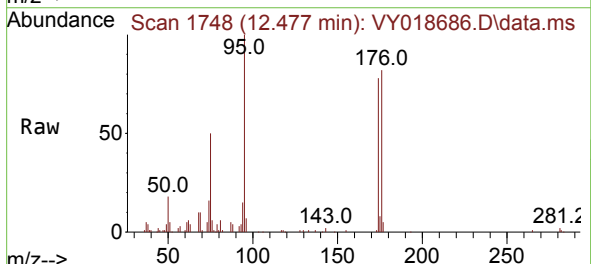
Instrument :
 MSVOA_Y
 ClientSampleId :

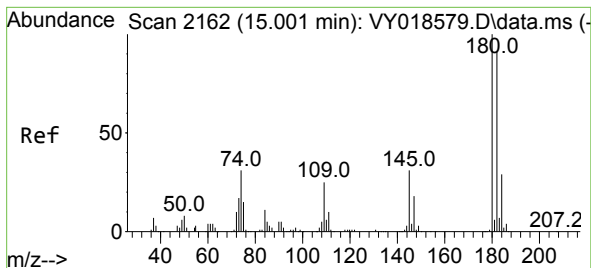
Tgt Ion: 75 Resp: 14679
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.537 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY018686.D
 Acq: 25 Jun 2024 14:17

Tgt Ion: 75 Resp: 14679
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.261 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

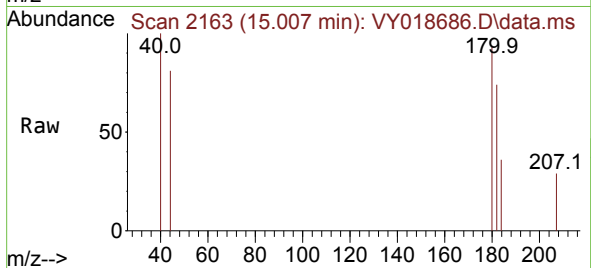
Lab File: VY018686.D

Acq: 25 Jun 2024 14:17

Instrument :

MSVOA_Y

ClientSampleId :



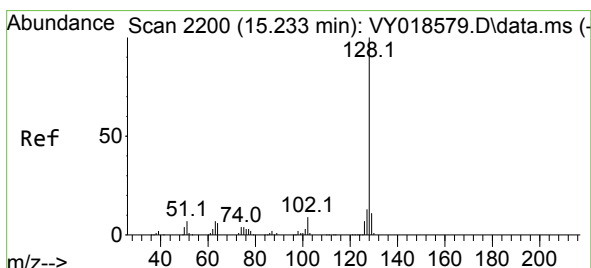
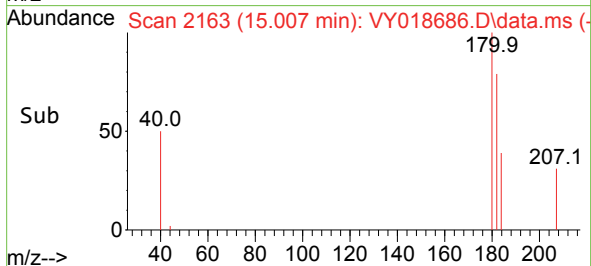
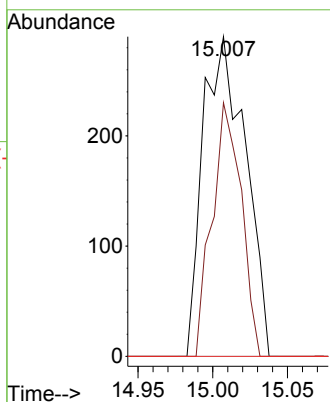
Tgt Ion:180 Resp: 572

Ion Ratio Lower Upper

180 100

182 54.5 47.9 143.8

145 0.0 14.2 42.6#



#95

Naphthalene

Concen: 1.472 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018686.D

Acq: 25 Jun 2024 14:17

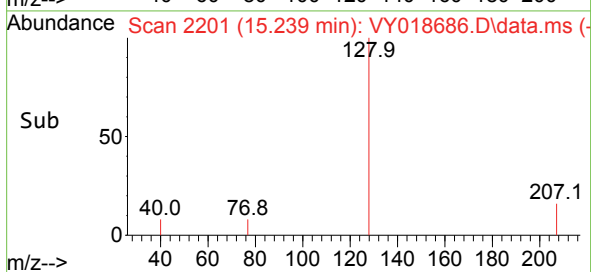
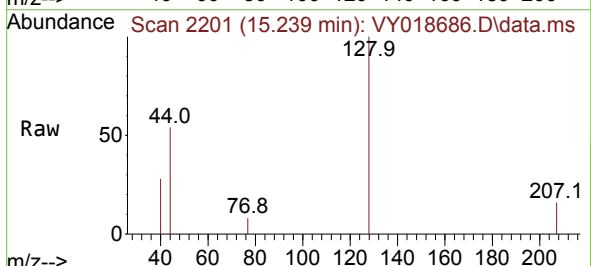
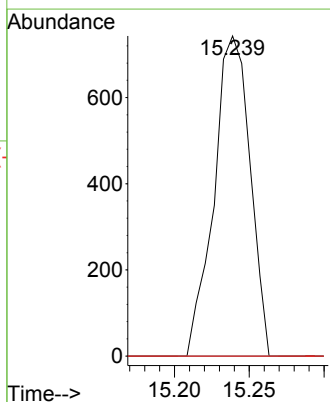
Tgt Ion:128 Resp: 1247

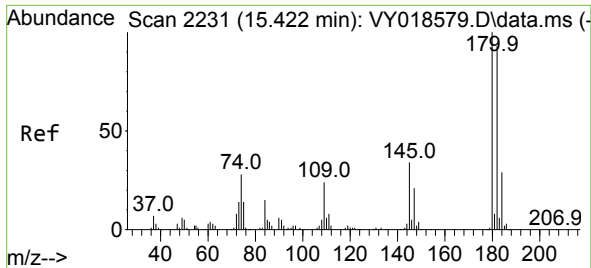
Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

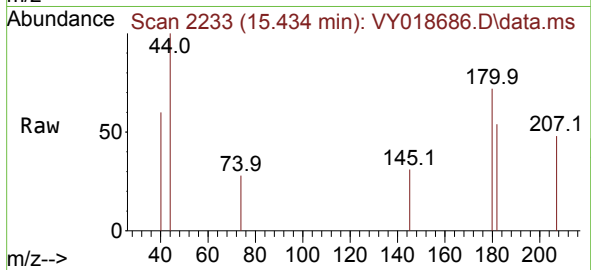
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.031 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY018686.D
 Acq: 25 Jun 2024 14:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 395
 Ion Ratio Lower Upper
 180 100
 182 109.1 47.6 142.9
 145 22.8 15.4 46.1

