

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018623.D
 Acq On : 18 Jun 2024 11:09
 Operator : SY/MD
 Sample : VY0618SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 01:59:01 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)

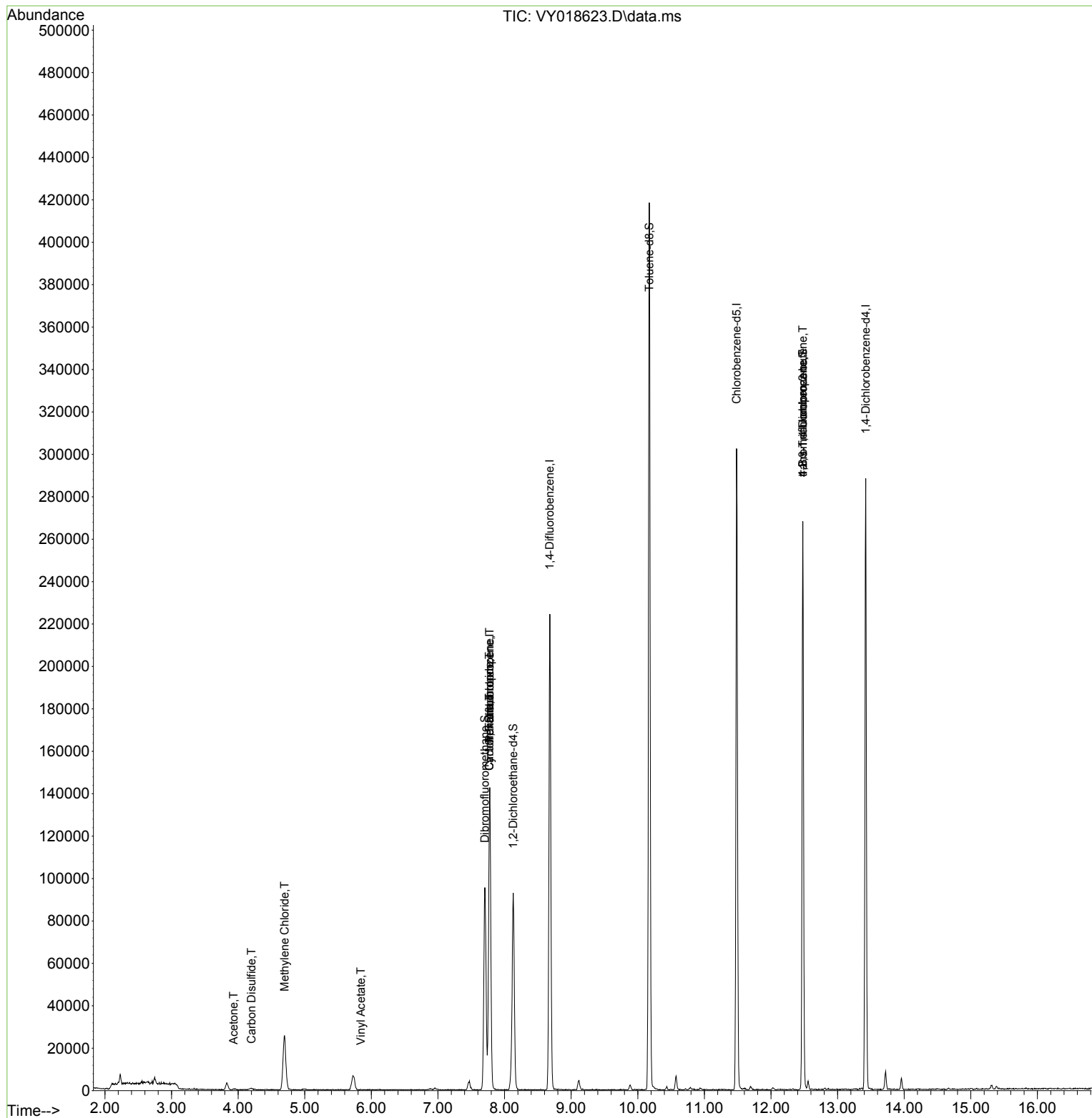
Internal Standards						
1) Pentafluorobenzene	7.777	168	107977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	190022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	160609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69195	63.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.300%	
35) Dibromofluoromethane	7.704	113	67275	58.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.080%	
50) Toluene-d8	10.173	98	273783	61.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.840%	
62) 4-Bromofluorobenzene	12.477	95	76998	54.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	310	1.402	ug/l #	36
17) Carbon Disulfide	4.198	76	23	2.226	ug/l #	76
20) Methylene Chloride	4.698	84	19146	6.197	ug/l	90
23) Vinyl Acetate	5.844	43	31	23.706	ug/l #	67
31) Cyclohexane	7.771	56	2477	1.487	ug/l #	21
36) 1,1-Dichloropropene	7.777	75	8641	5.416	ug/l #	45
38) Carbon Tetrachloride	7.771	117	11304	6.753	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	41644	63.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41644	166.800	ug/l #	16

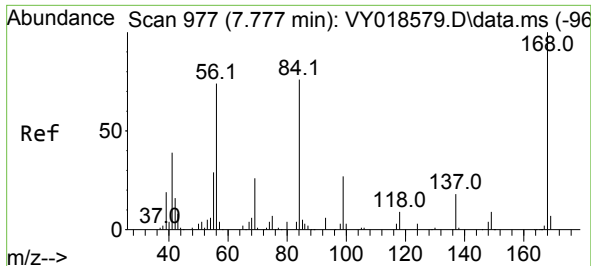
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
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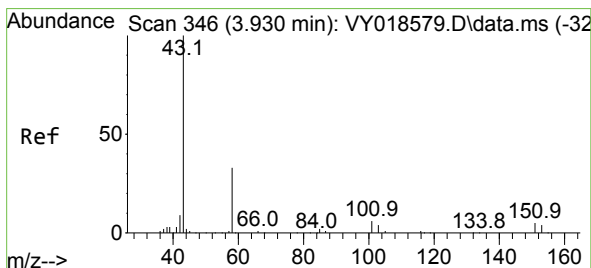
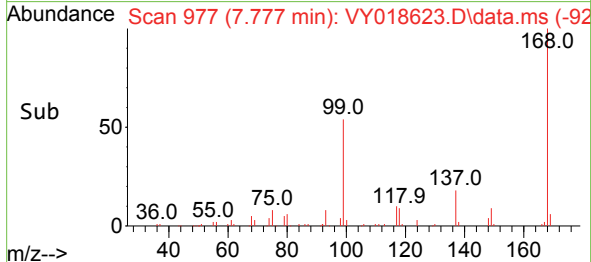
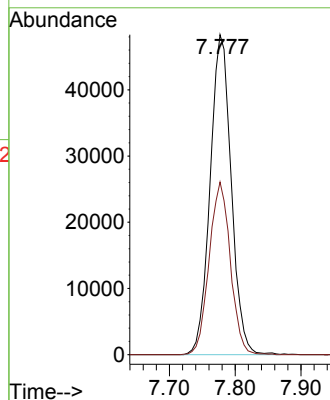
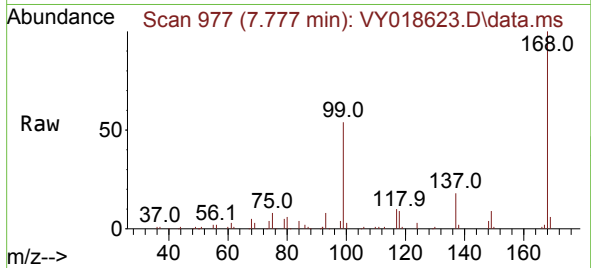




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

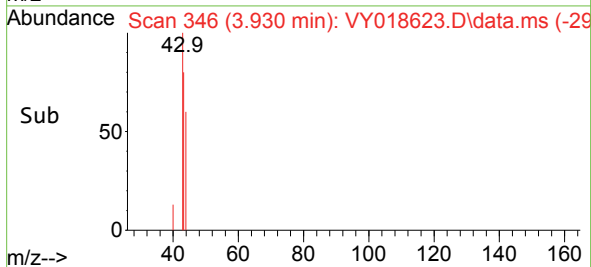
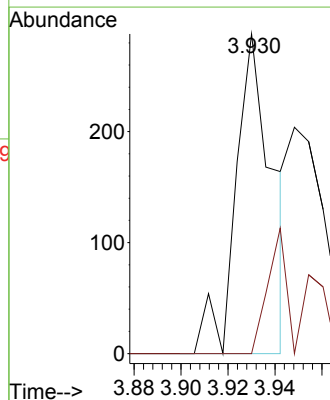
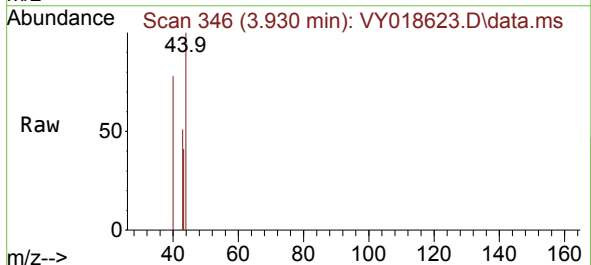
Instrument :
MSVOA_Y
ClientSampleId :

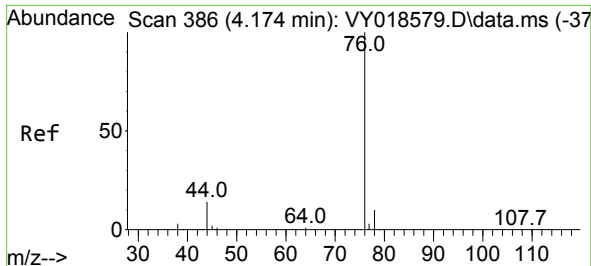
Tgt Ion:168 Resp: 107977
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#16
Acetone
Concen: 1.402 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

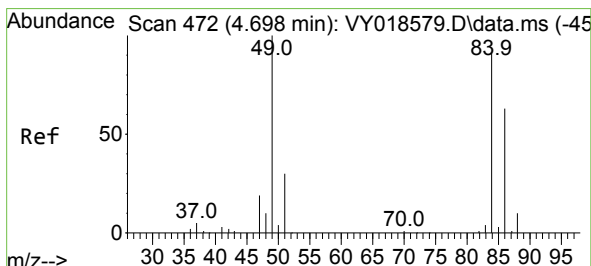
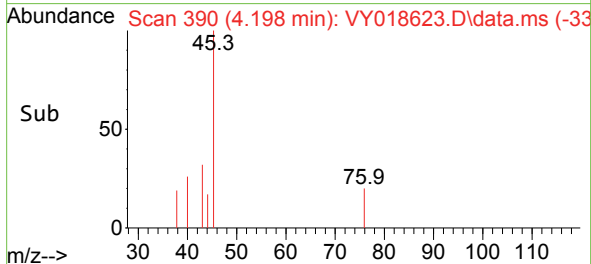
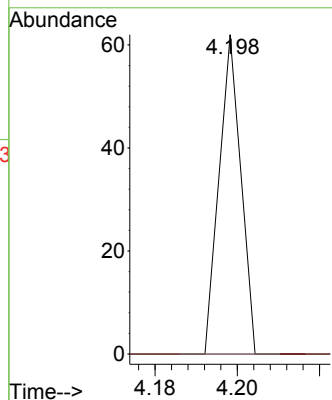
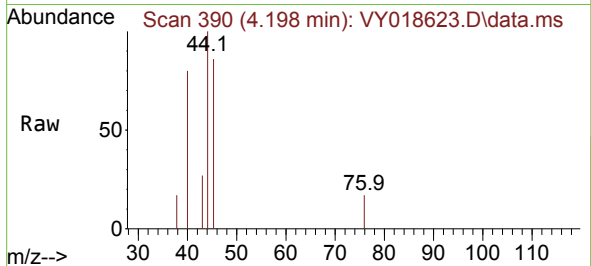




#17
Carbon Disulfide
Concen: 2.226 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.024 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

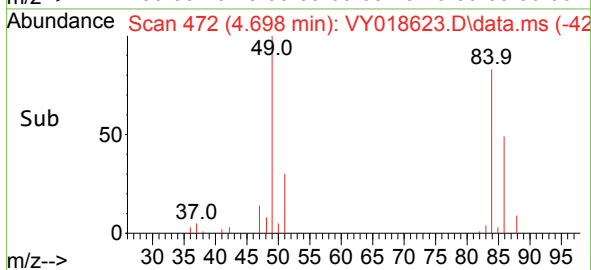
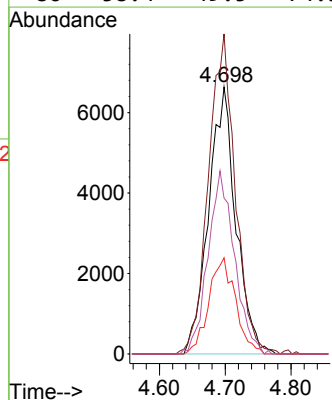
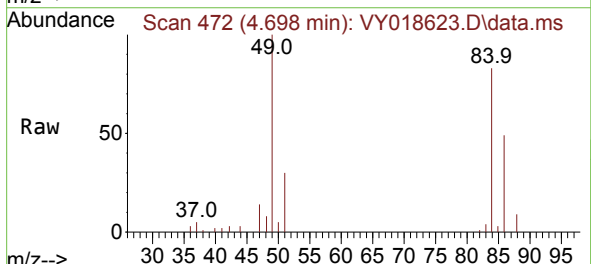
Instrument :
MSVOA_Y
ClientSampleId :

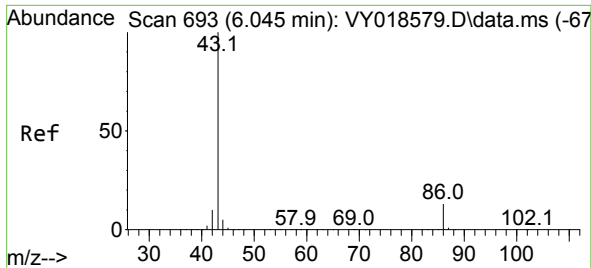
Tgt Ion: 76 Resp: 23
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 6.197 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

Tgt Ion: 84 Resp: 19146
Ion Ratio Lower Upper
84 100
49 119.9 84.4 126.6
51 36.0 26.0 39.0
86 58.4 49.5 74.3

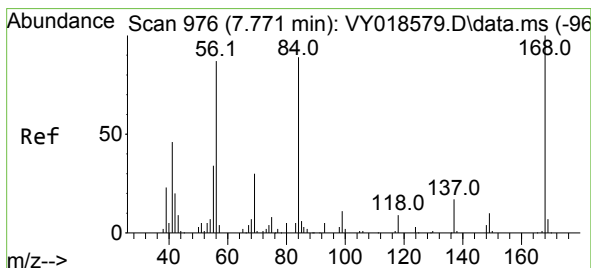
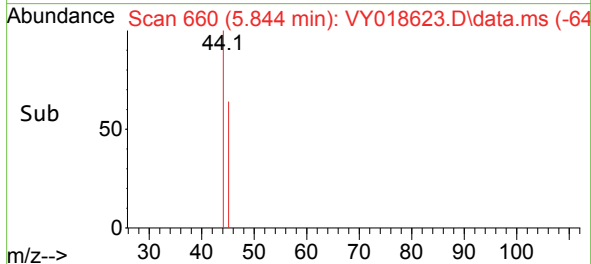
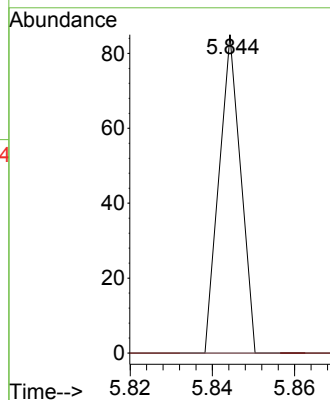
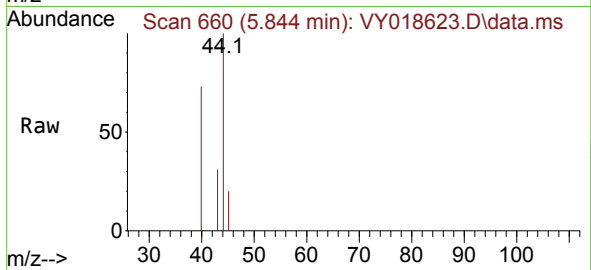




#23
 Vinyl Acetate
 Concen: 23.706 ug/l
 RT: 5.844 min Scan# 60
 Delta R.T. -0.201 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

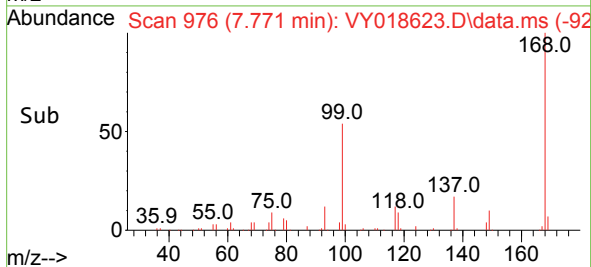
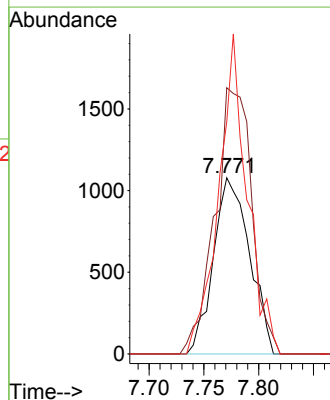
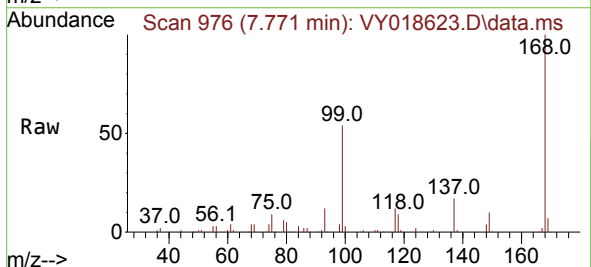
Instrument :
 MSVOA_Y
 ClientSampleId :

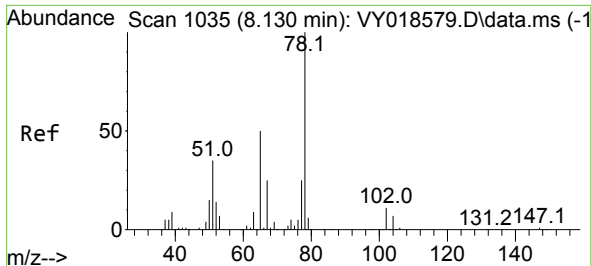
Tgt Ion: 43 Resp: 31
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.487 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

Tgt Ion: 56 Resp: 2477
 Ion Ratio Lower Upper
 56 100
 69 151.2 28.7 43.1#
 84 131.7 77.7 116.5#

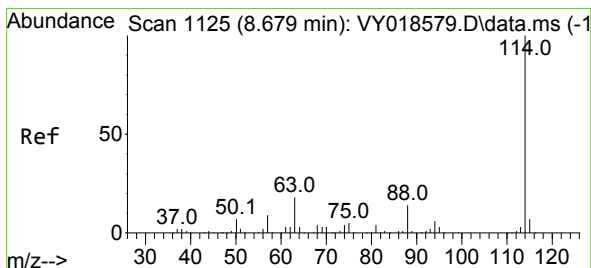
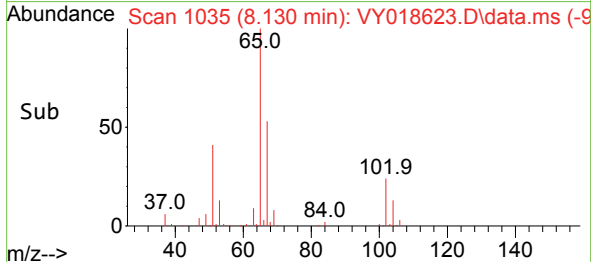
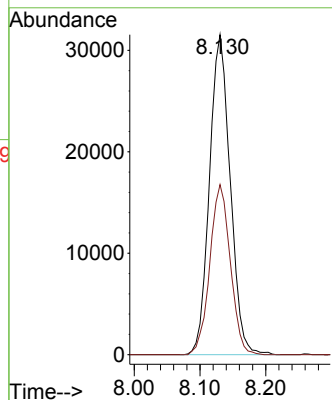
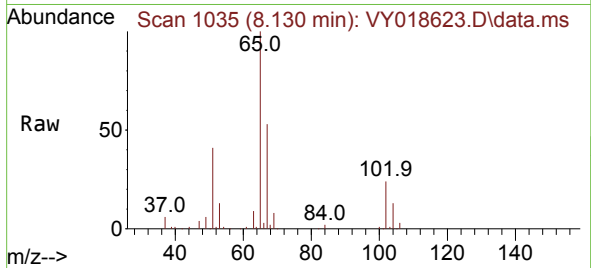




#33
 1,2-Dichloroethane-d4
 Concen: 63.651 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

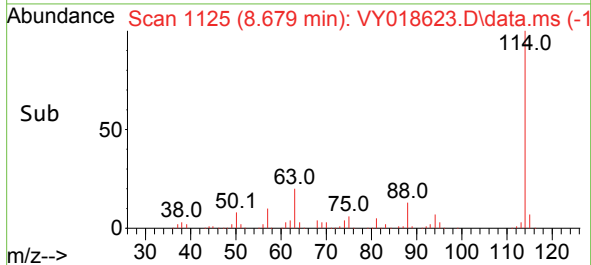
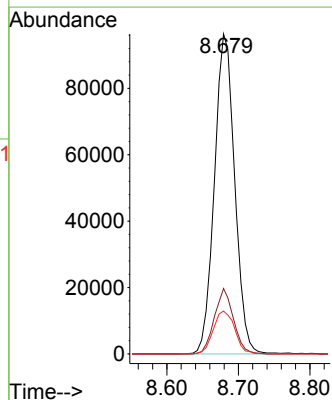
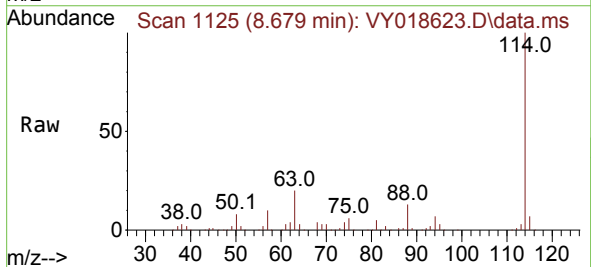
Instrument :
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 ClientSampleId :

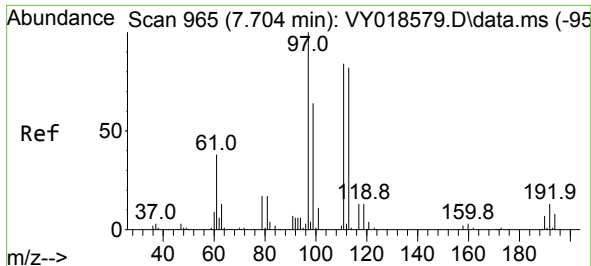
Tgt Ion: 65 Resp: 69195
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

Tgt Ion:114 Resp: 190022
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.0
 88 13.4 0.0 27.2

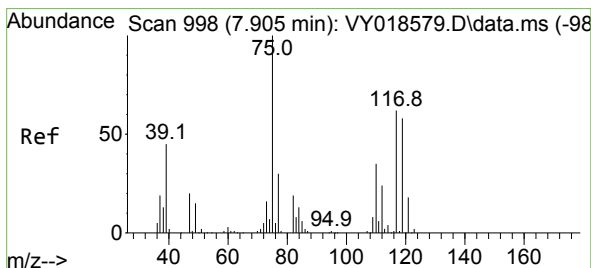
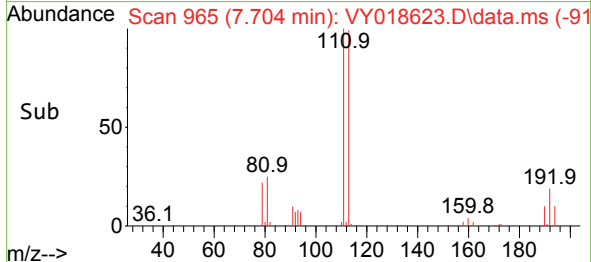
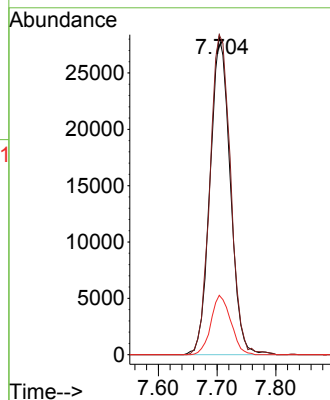
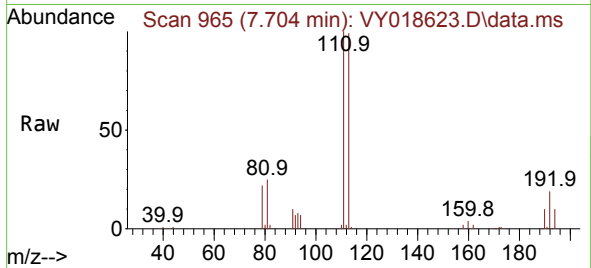




#35
Dibromofluoromethane
Concen: 58.037 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

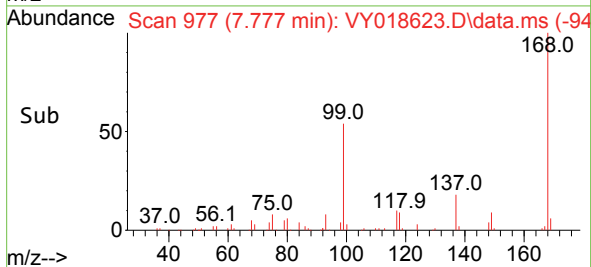
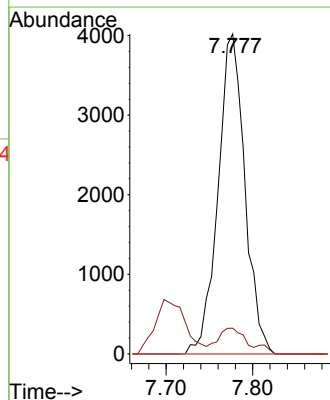
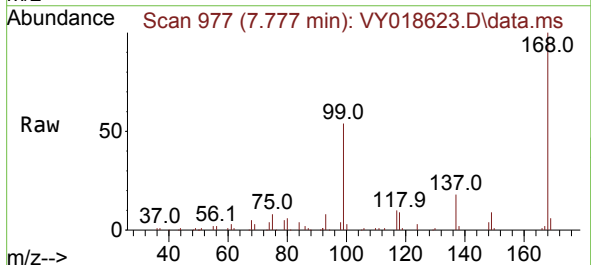
Instrument :
MSVOA_Y
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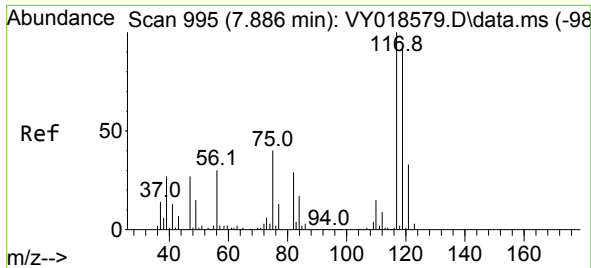
Tgt Ion:113 Resp: 67275
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.416 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

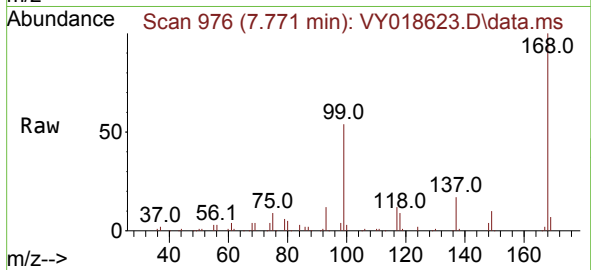
Tgt Ion: 75 Resp: 8641
Ion Ratio Lower Upper
75 100
110 5.5 19.0 57.0#
77 0.0 25.3 37.9#



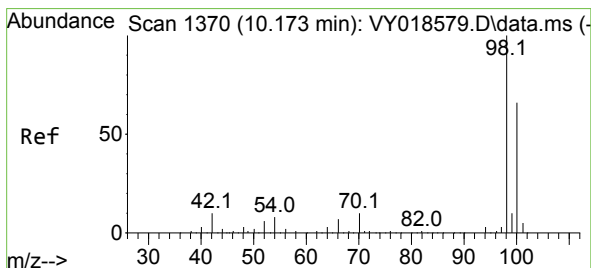
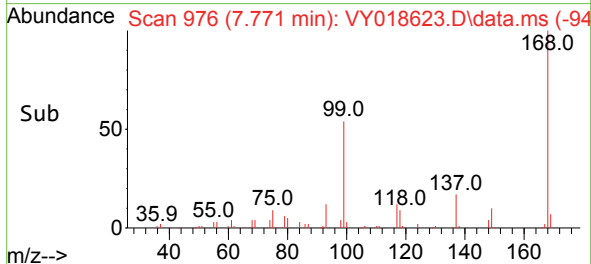
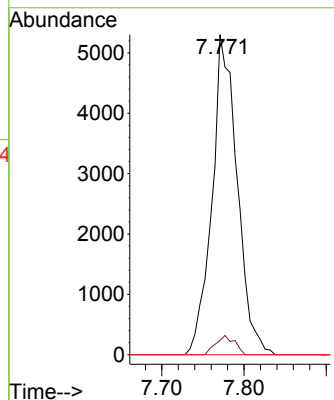


#38
Carbon Tetrachloride
Concen: 6.753 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

Instrument :
MSVOA_Y
ClientSampleId :

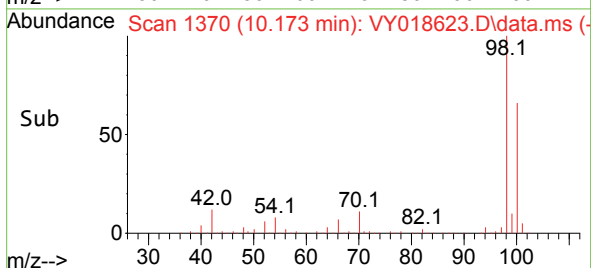
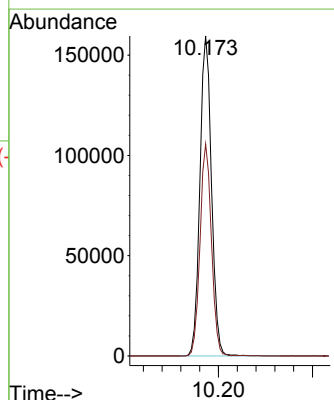
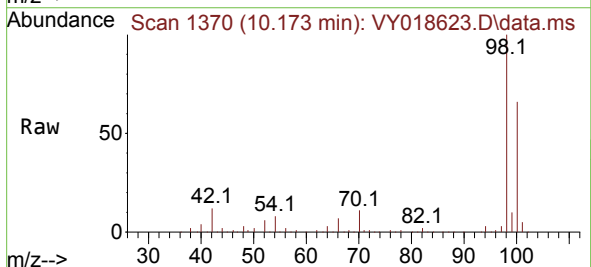


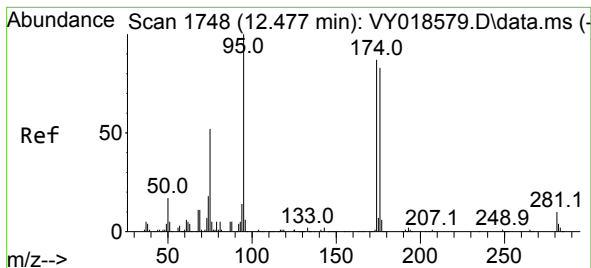
Tgt Ion:117 Resp: 11304
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 61.417 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

Tgt Ion: 98 Resp: 273783
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

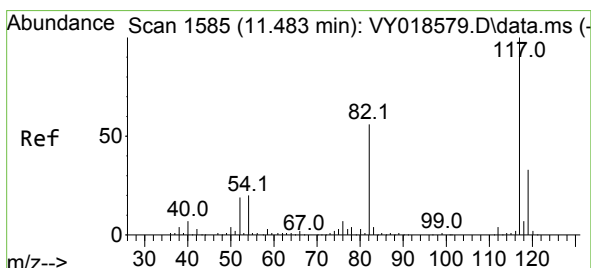
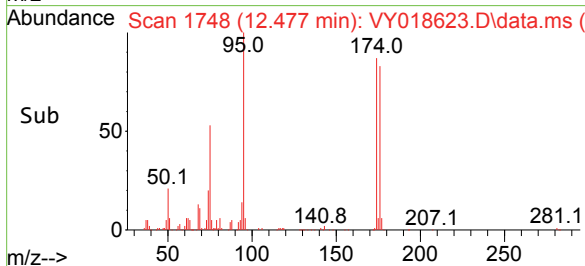
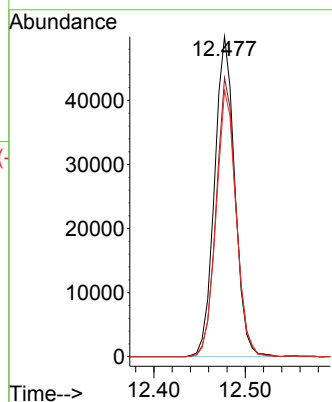
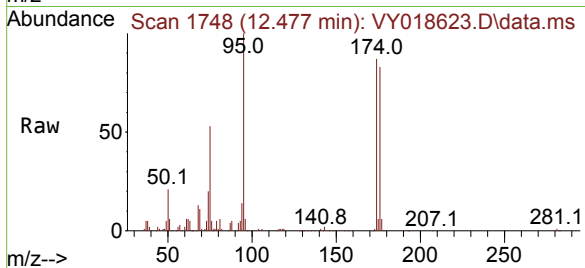




#62
4-Bromofluorobenzene
Concen: 54.700 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

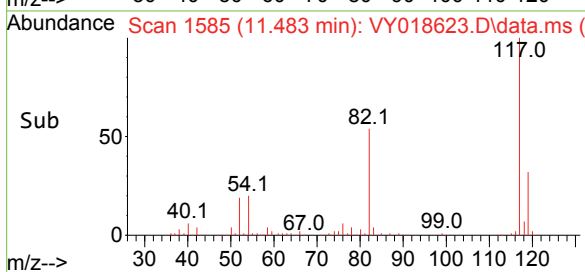
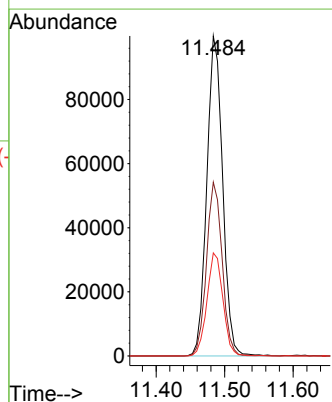
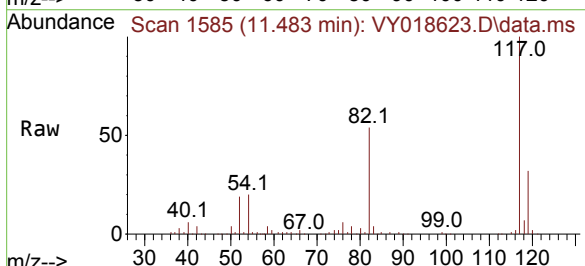
Instrument :
MSVOA_Y
ClientSampleId :

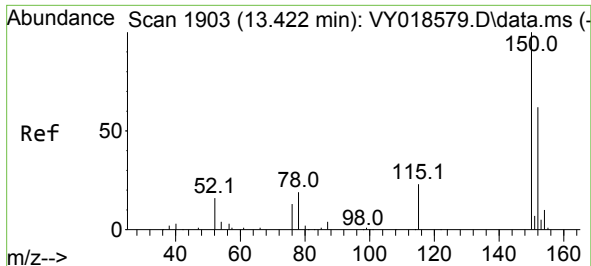
Tgt Ion: 95 Resp: 76998
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 82.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018623.D
Acq: 18 Jun 2024 11:09

Tgt Ion: 117 Resp: 160609
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 32.2 25.9 38.9

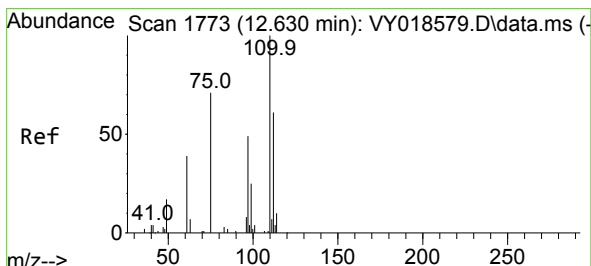
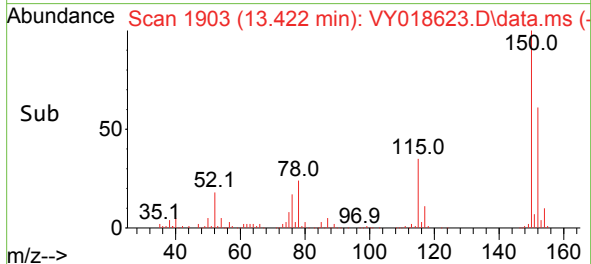
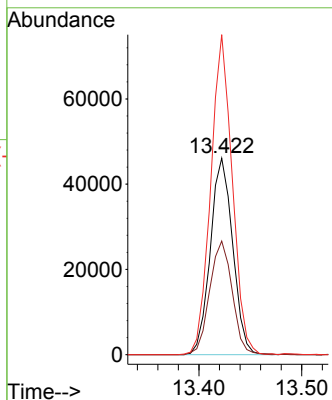
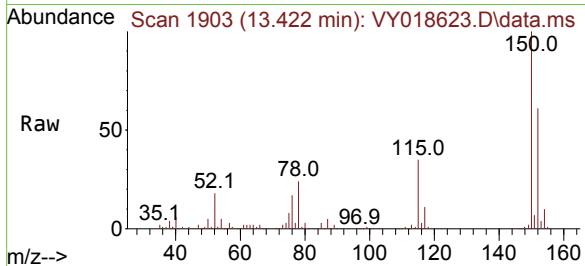




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

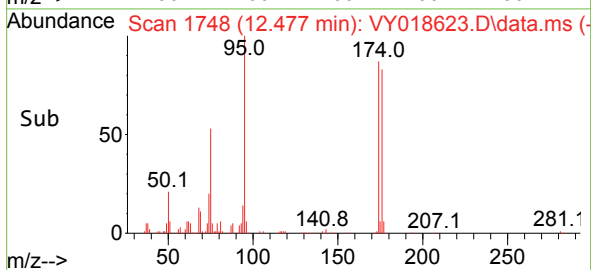
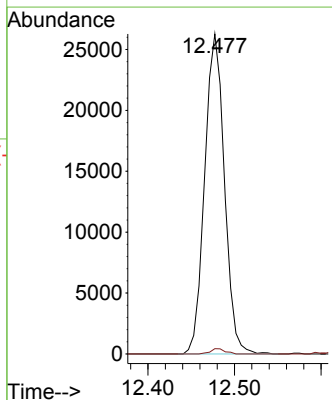
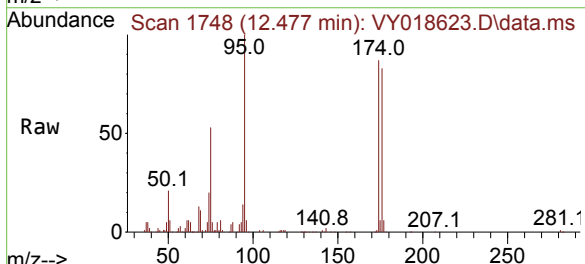
Instrument :
 MSVOA_Y
 ClientSampleId :

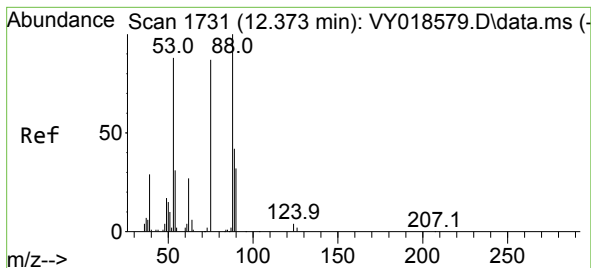
Tgt Ion:152 Resp: 69716
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 156.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 63.679 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

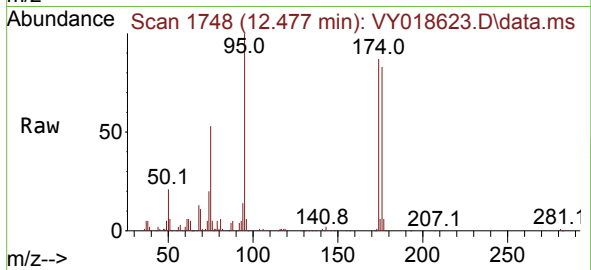
Tgt Ion: 75 Resp: 41644
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 166.800 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018623.D
 Acq: 18 Jun 2024 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 41644
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

