

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018705.D
 Acq On : 26 Jun 2024 14:16
 Operator : SY/MD
 Sample : P3076-01
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 07:51:02 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)

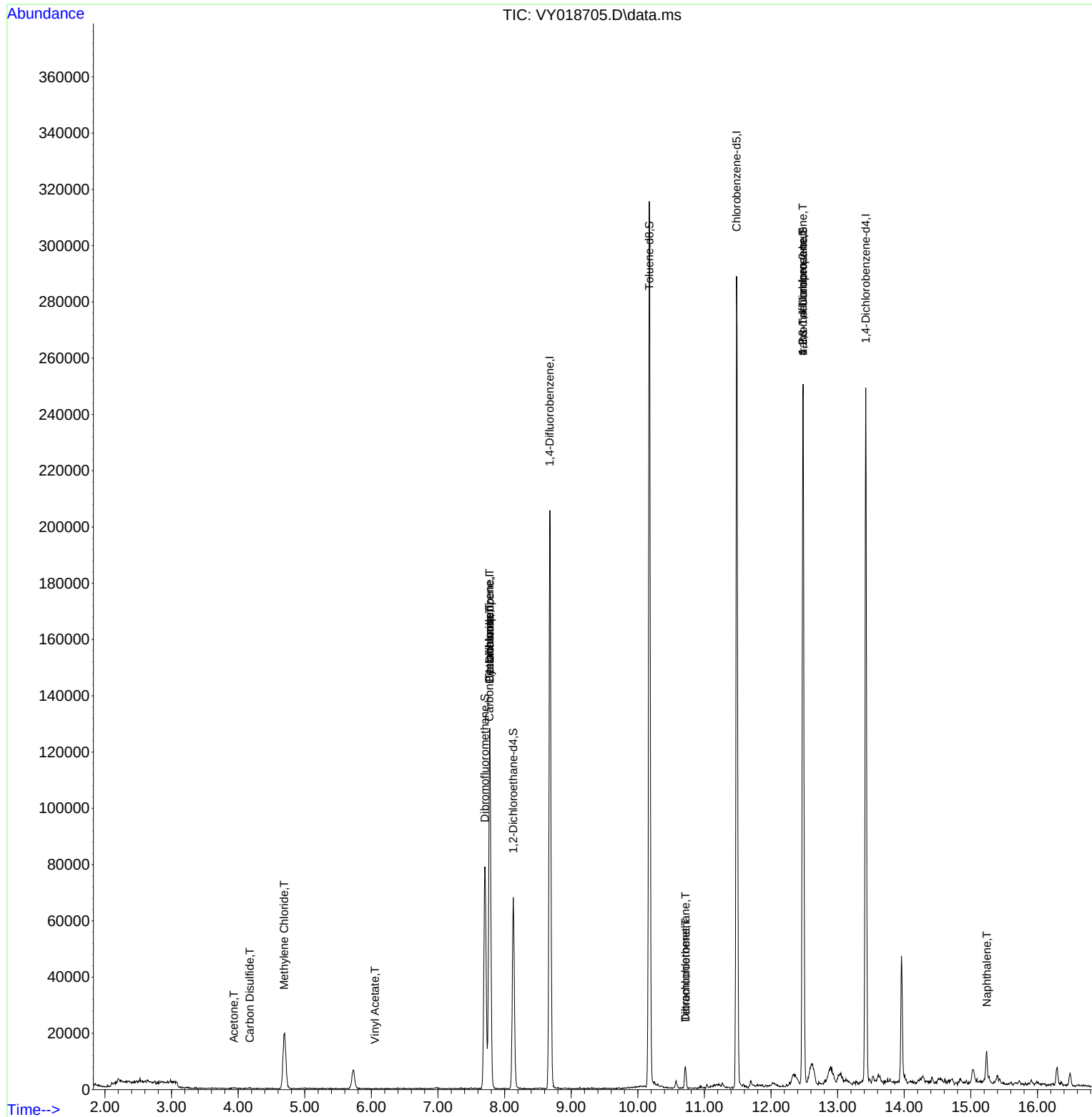
Internal Standards						
1) Pentafluorobenzene	7.777	168	100298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	184795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	164998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51323	50.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.660%	
35) Dibromofluoromethane	7.704	113	57606	51.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.200%	
50) Toluene-d8	10.173	98	209944	48.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	12.477	95	63878	46.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	400	1.947	ug/l	89
17) Carbon Disulfide	4.174	76	390	2.348	ug/l #	76
20) Methylene Chloride	4.692	84	16637	5.093	ug/l	93
23) Vinyl Acetate	6.051	43	39	23.709	ug/l #	67
31) Cyclohexane	7.777	56	2128	1.376	ug/l #	18
36) 1,1-Dichloropropene	7.777	75	7253	4.674	ug/l #	50
38) Carbon Tetrachloride	7.771	117	10444	6.416	ug/l #	18
60) Dibromochloromethane	10.715	129	1465	1.302	ug/l #	10
64) Tetrachloroethene	10.715	164	1480	1.258	ug/l #	81
76) 1,2,3-Trichloropropane	12.477	75	33326	55.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33326	144.277	ug/l #	16
95) Naphthalene	15.239	128	9579	4.902	ug/l	98

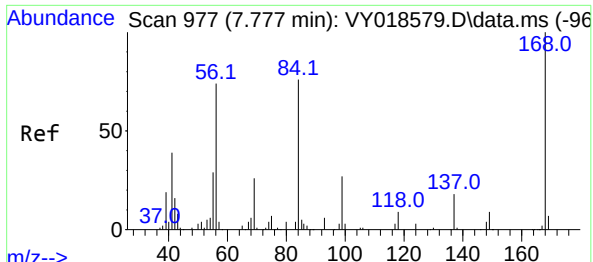
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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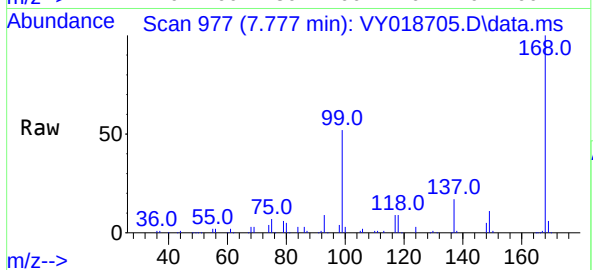
Quant Time: Jun 27 07:51:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



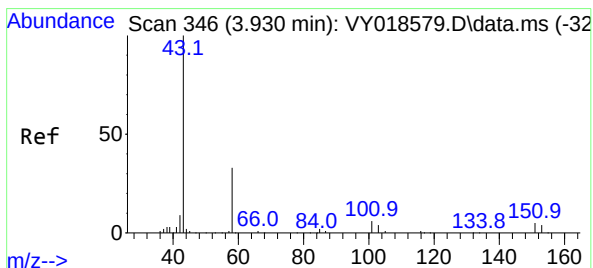
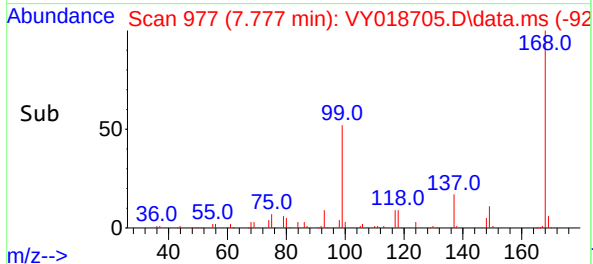
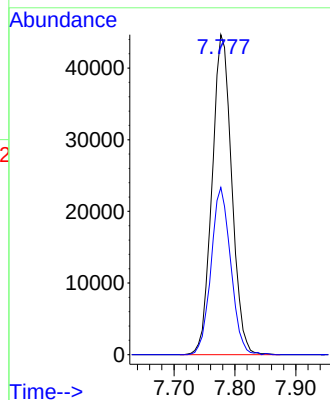


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

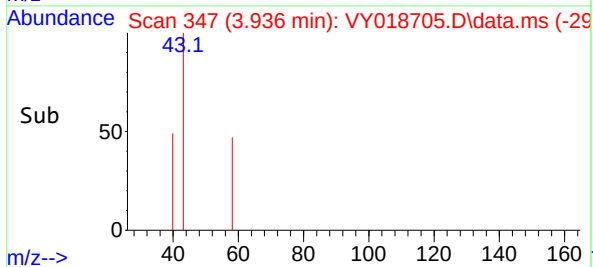
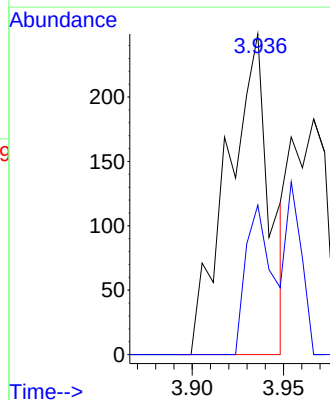
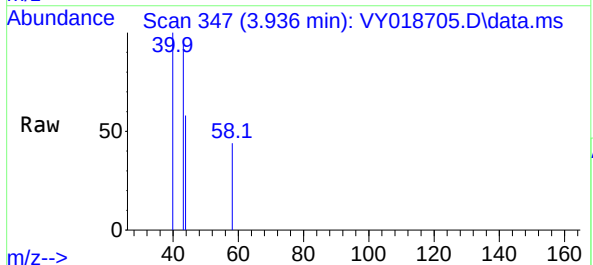


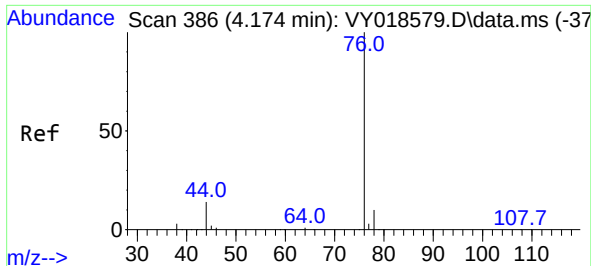
Tgt Ion:168 Resp: 100298
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#16
Acetone
Concen: 1.947 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 46.6 31.7 47.5

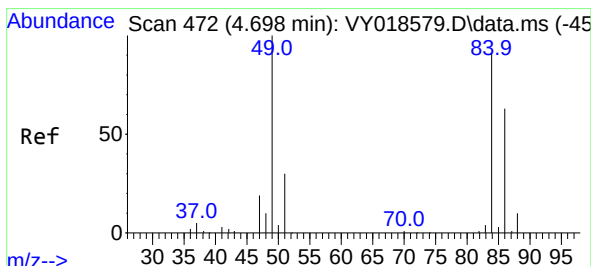
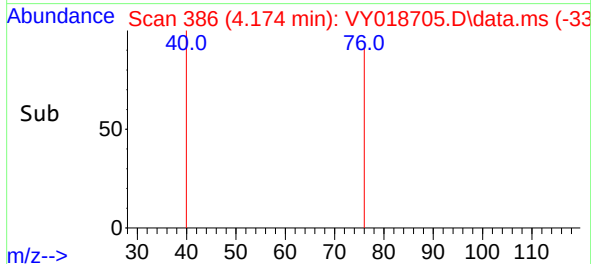
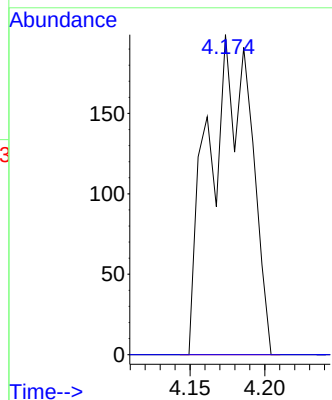
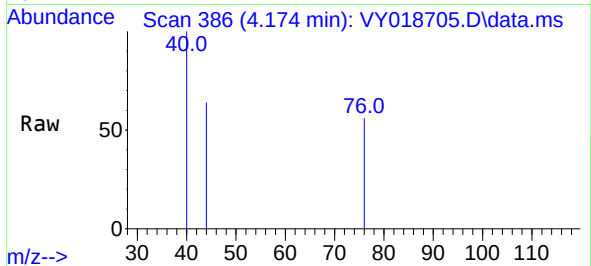




#17
Carbon Disulfide
Concen: 2.348 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

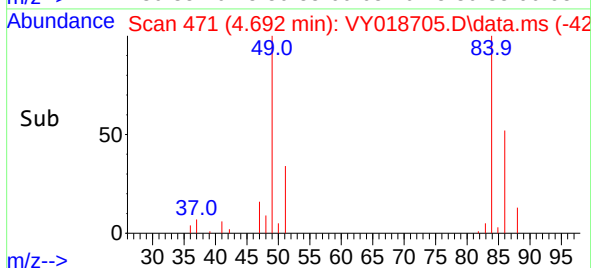
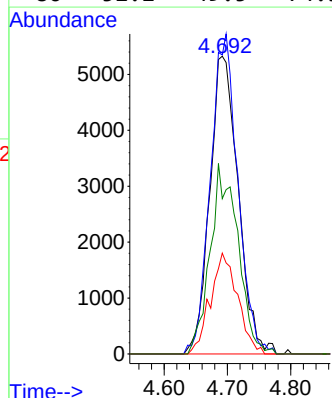
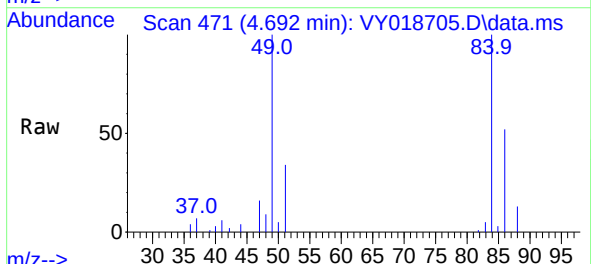
Instrument :
MSVOA_Y
ClientSampleId :

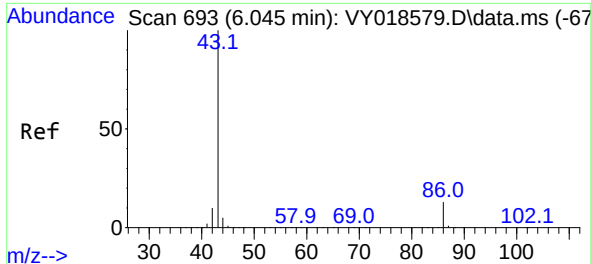
Tgt Ion: 76 Resp: 390
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 5.093 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion: 84 Resp: 16637
Ion Ratio Lower Upper
84 100
49 100.4 84.4 126.6
51 33.8 26.0 39.0
86 52.2 49.5 74.3

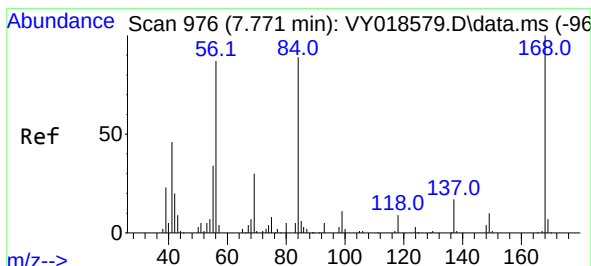
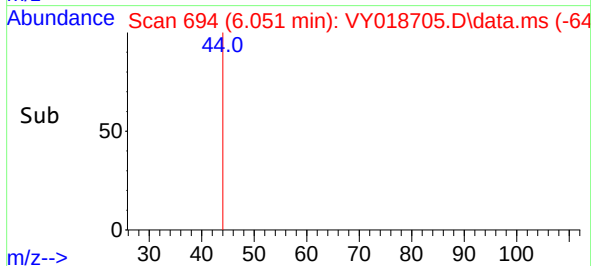
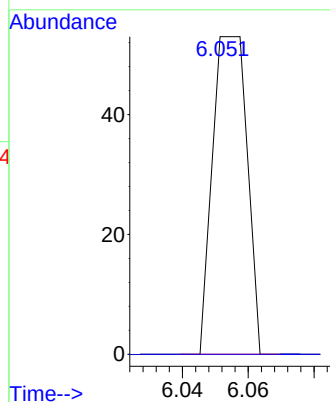
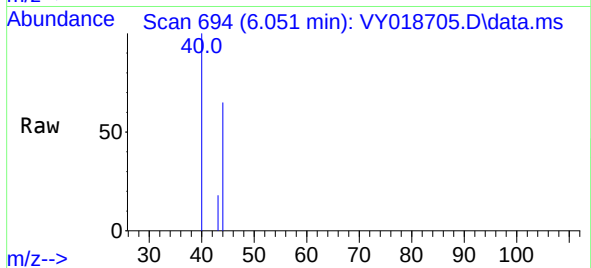




#23
Vinyl Acetate
Concen: 23.709 ug/l
RT: 6.051 min Scan# 693
Delta R.T. 0.006 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

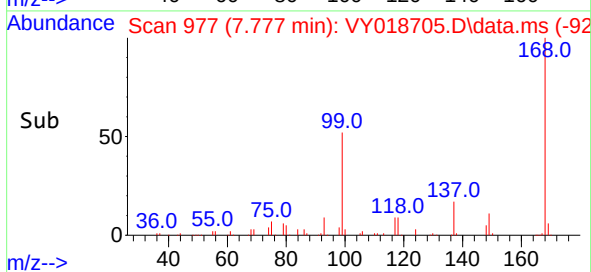
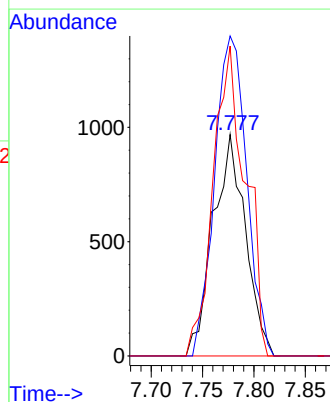
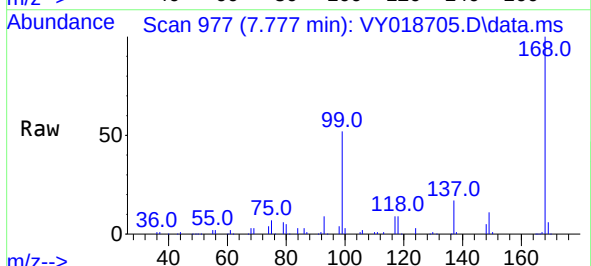
Instrument :
MSVOA_Y
ClientSampleId :

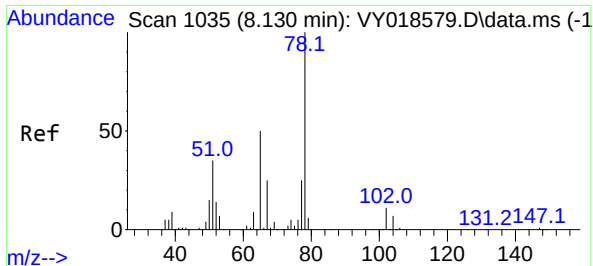
Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 144.5 28.7 43.1#
84 139.9 77.7 116.5#

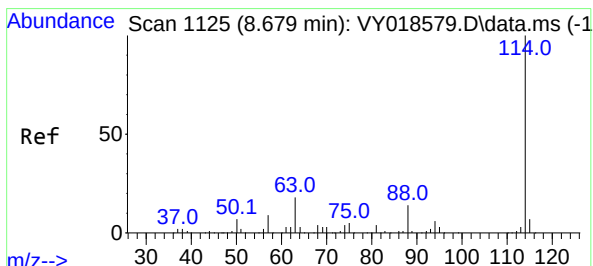
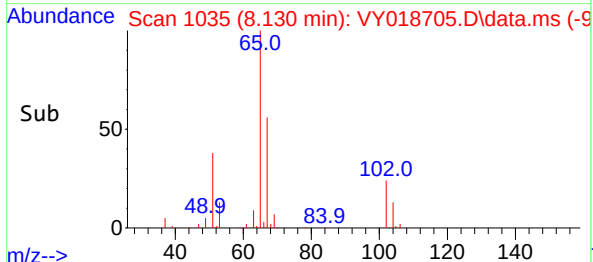
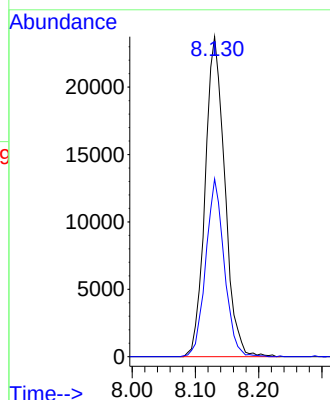
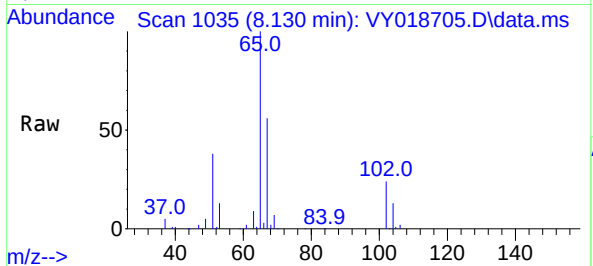




#33
1,2-Dichloroethane-d4
Concen: 50.825 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

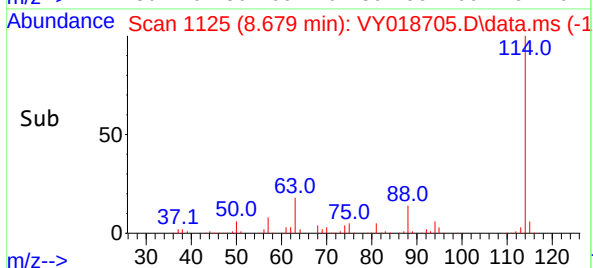
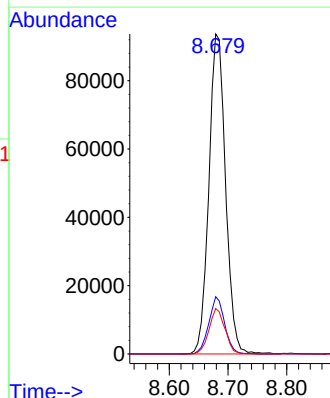
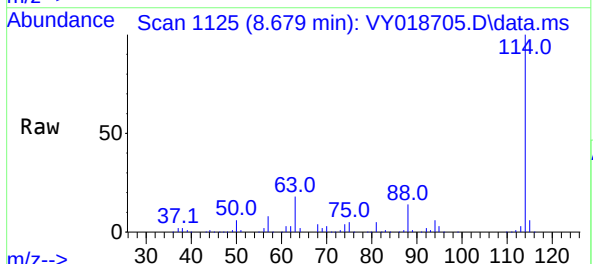
Instrument :
MSVOA_Y
ClientSampleId :

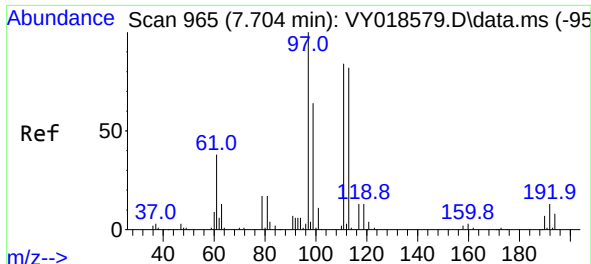
Tgt Ion: 65 Resp: 51323
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

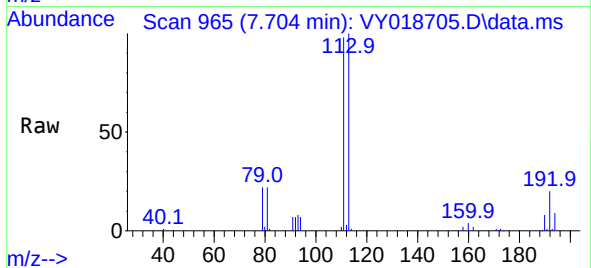
Tgt Ion: 114 Resp: 184795
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.2 0.0 27.2





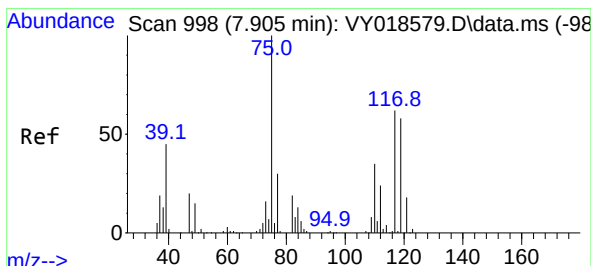
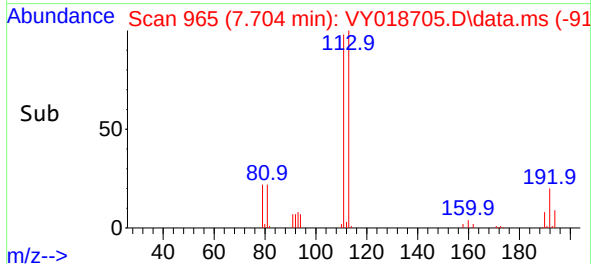
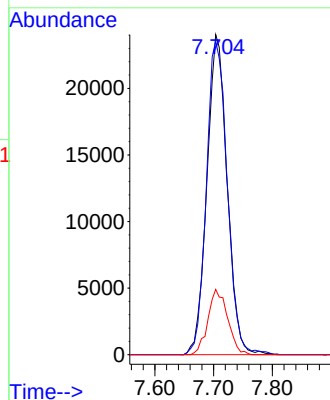
#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 57606

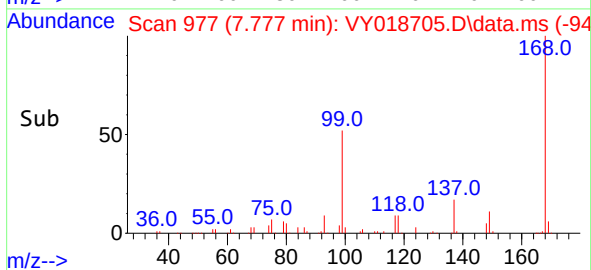
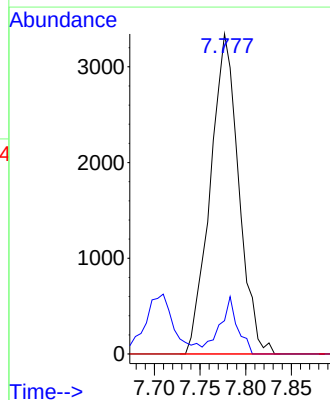
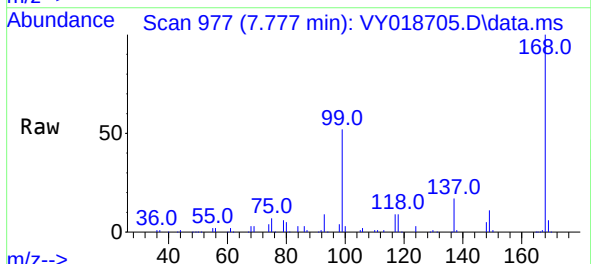
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	19.8	15.9	23.9

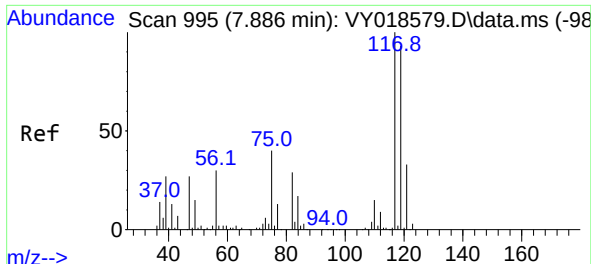


#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion: 75 Resp: 7253

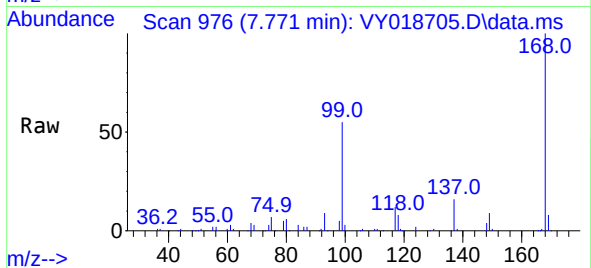
Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.0	57.0#
77	0.0	25.3	37.9#



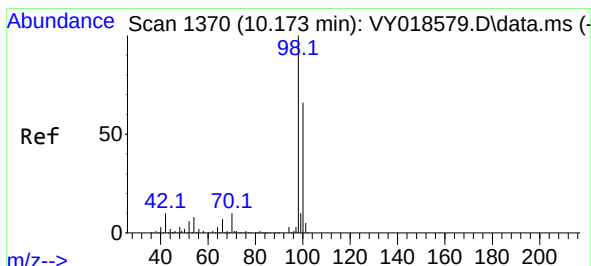
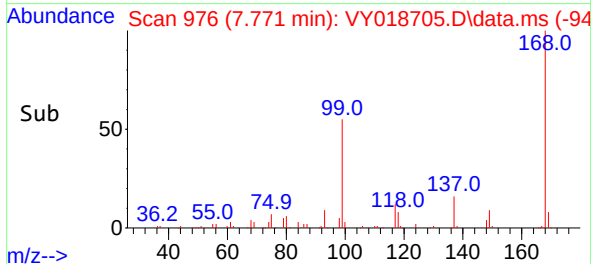
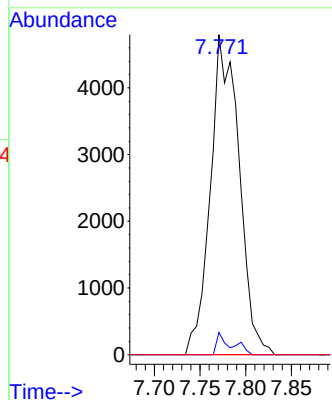


#38
Carbon Tetrachloride
Concen: 6.416 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

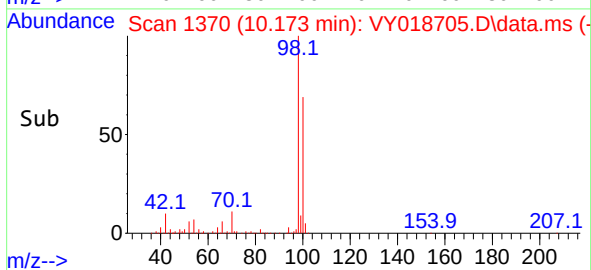
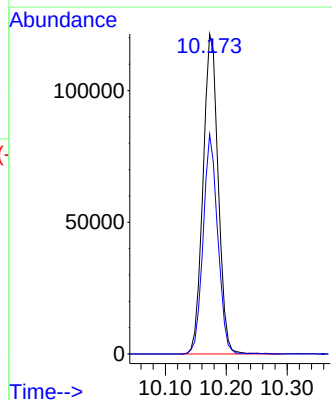
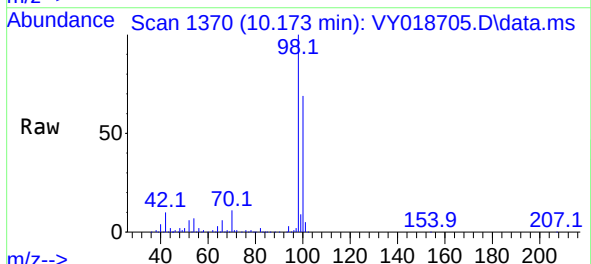


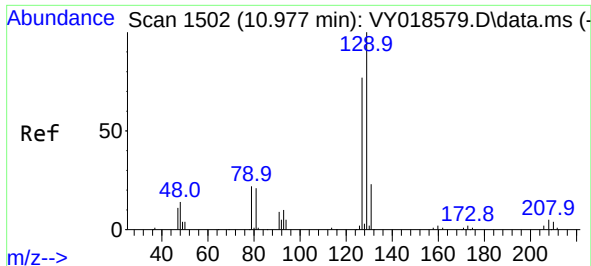
Tgt Ion:117 Resp: 10444
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.429 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

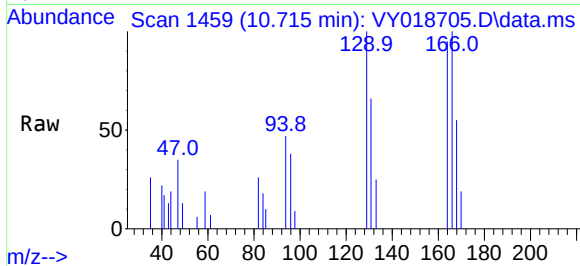
Tgt Ion: 98 Resp: 209944
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



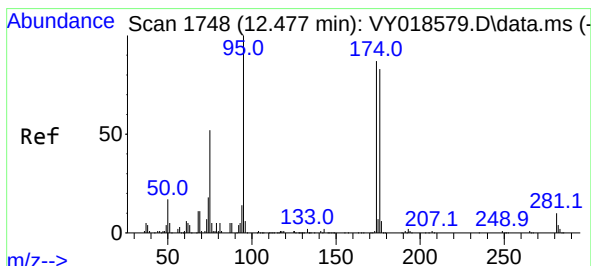
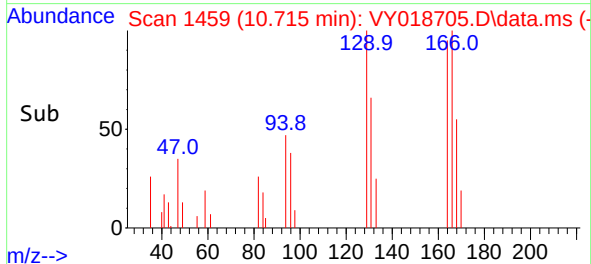
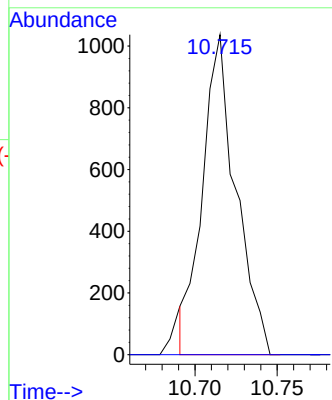


#60
Dibromochloromethane
Concen: 1.302 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

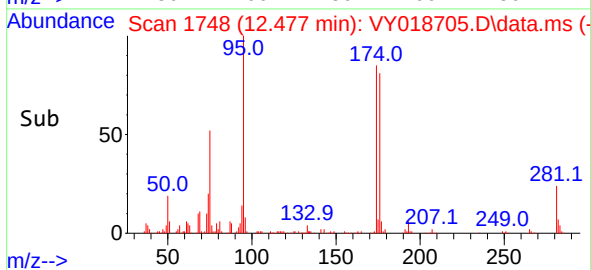
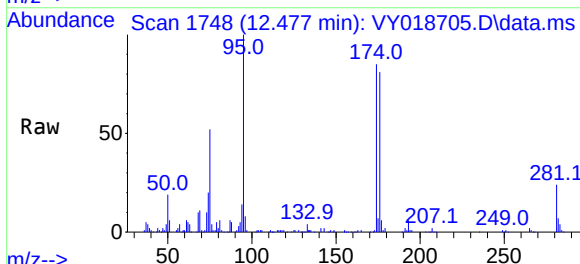
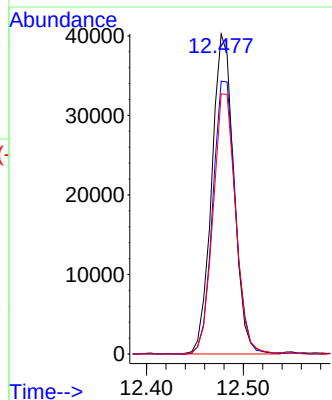


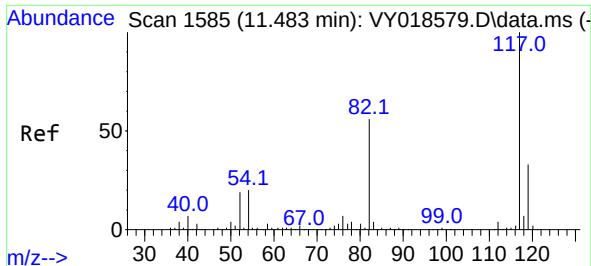
Tgt Ion:129 Resp: 1465
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 46.663 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion: 95 Resp: 63878
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 83.3 0.0 171.4

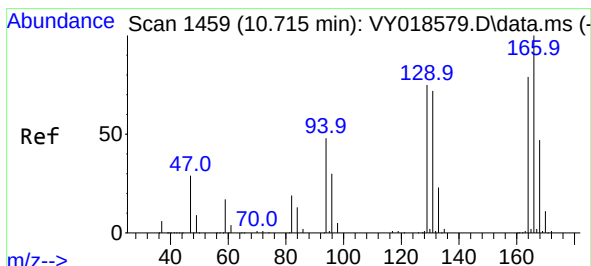
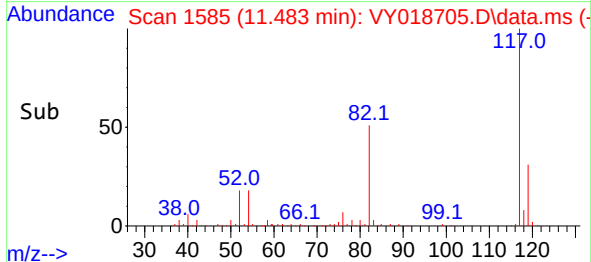
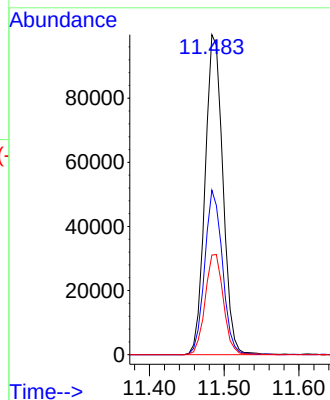
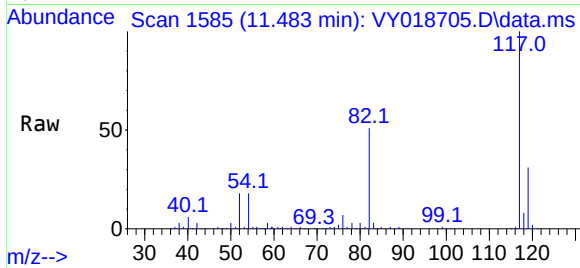




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

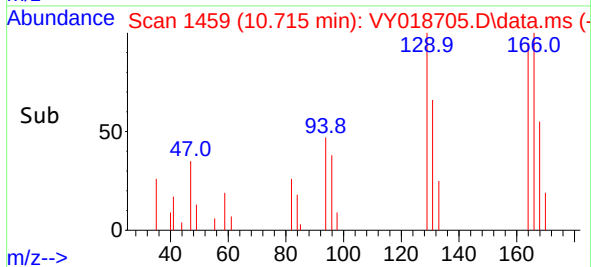
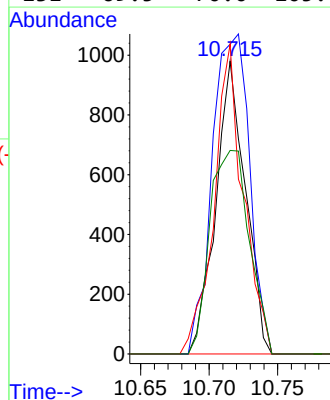
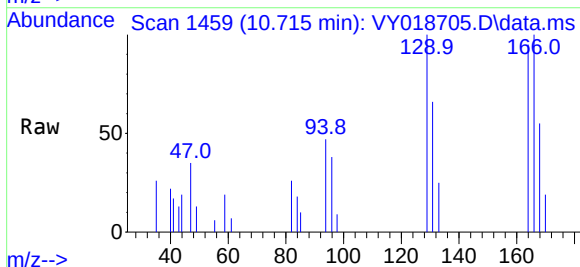
Instrument :
MSVOA_Y
ClientSampleId :

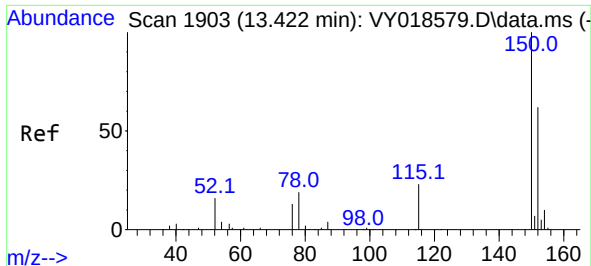
Tgt Ion:117 Resp: 164998
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 1.258 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion:164 Resp: 1480
Ion Ratio Lower Upper
164 100
166 105.8 102.6 154.0
129 105.8 72.0 108.0
131 69.5 70.0 105.0#

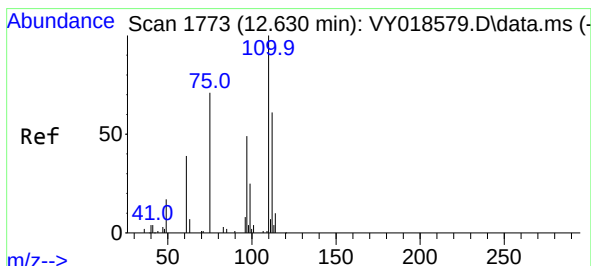
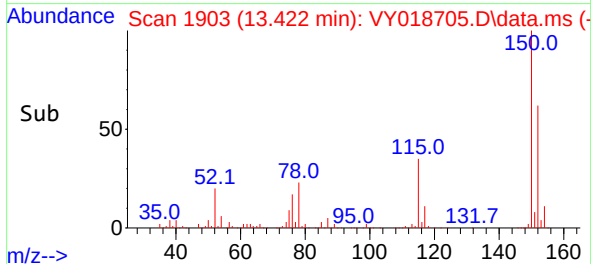
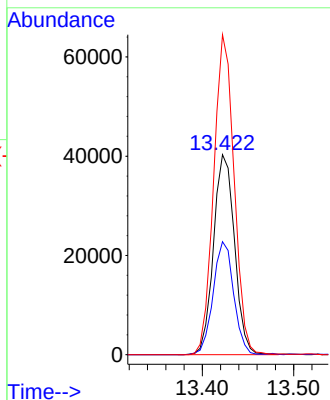
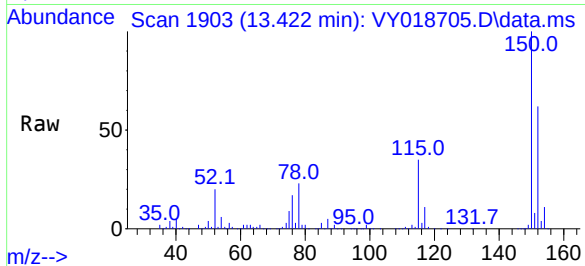




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

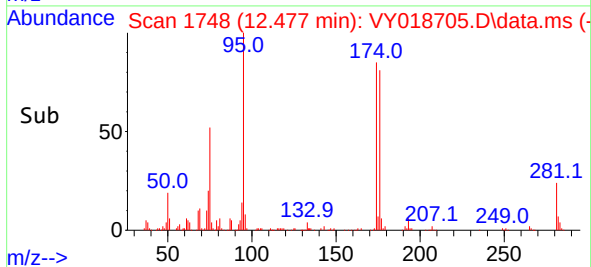
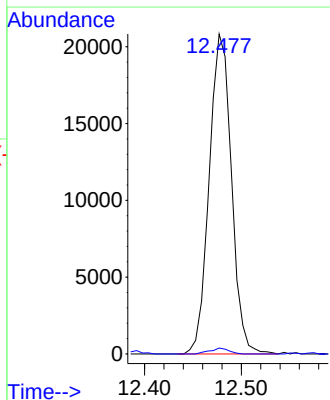
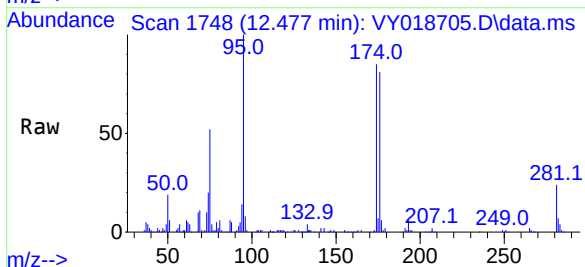
Instrument :
MSVOA_Y
ClientSampleId :

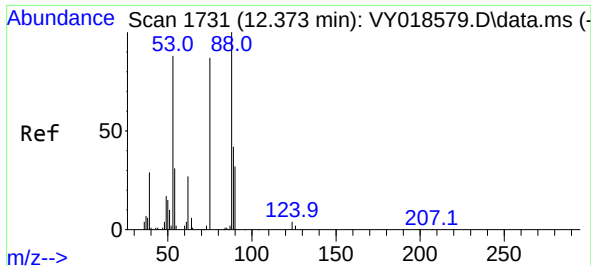
Tgt Ion:	152	Resp:	64500
Ion Ratio	Lower	Upper	
152	100		
115	55.2	28.2	84.7
150	155.6	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 55.081 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion:	75	Resp:	33326
Ion Ratio	Lower	Upper	
75	100		
77	1.6	0.0	0.0#

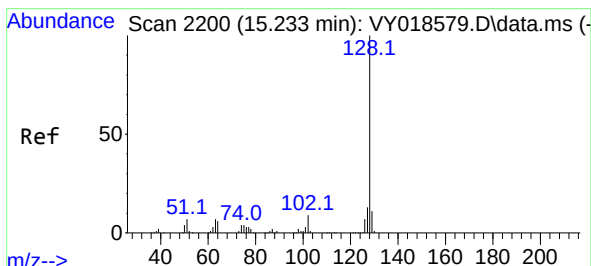
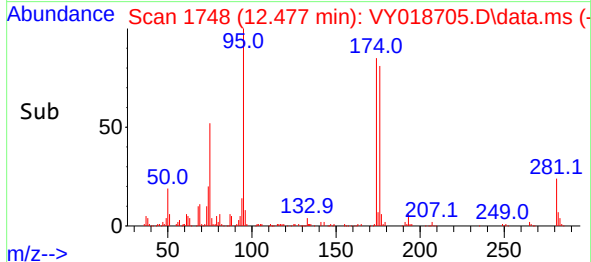
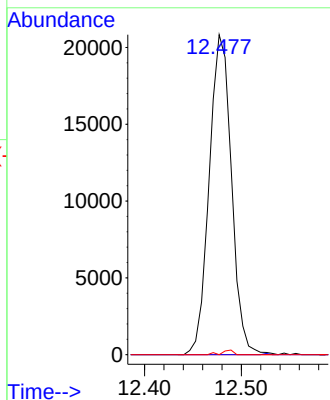
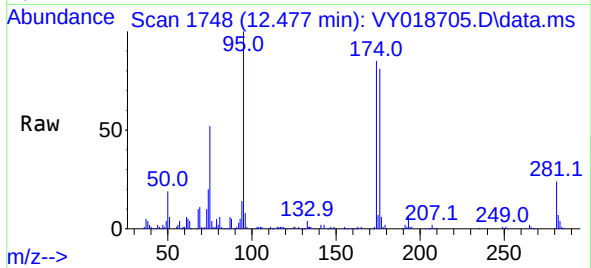




#81
trans-1,4-Dichloro-2-butene
Concen: 144.277 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33326
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.7 35.8 53.6#



#95
Naphthalene
Concen: 4.902 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY018705.D
Acq: 26 Jun 2024 14:16

Tgt Ion:128 Resp: 9579
Ion Ratio Lower Upper
128 100
127 14.5 10.6 16.0
129 11.4 8.6 13.0

