

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018706.D
 Acq On : 26 Jun 2024 14:41
 Operator : SY/MD
 Sample : P3076-04
 Misc : 7.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 07:51:10 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)

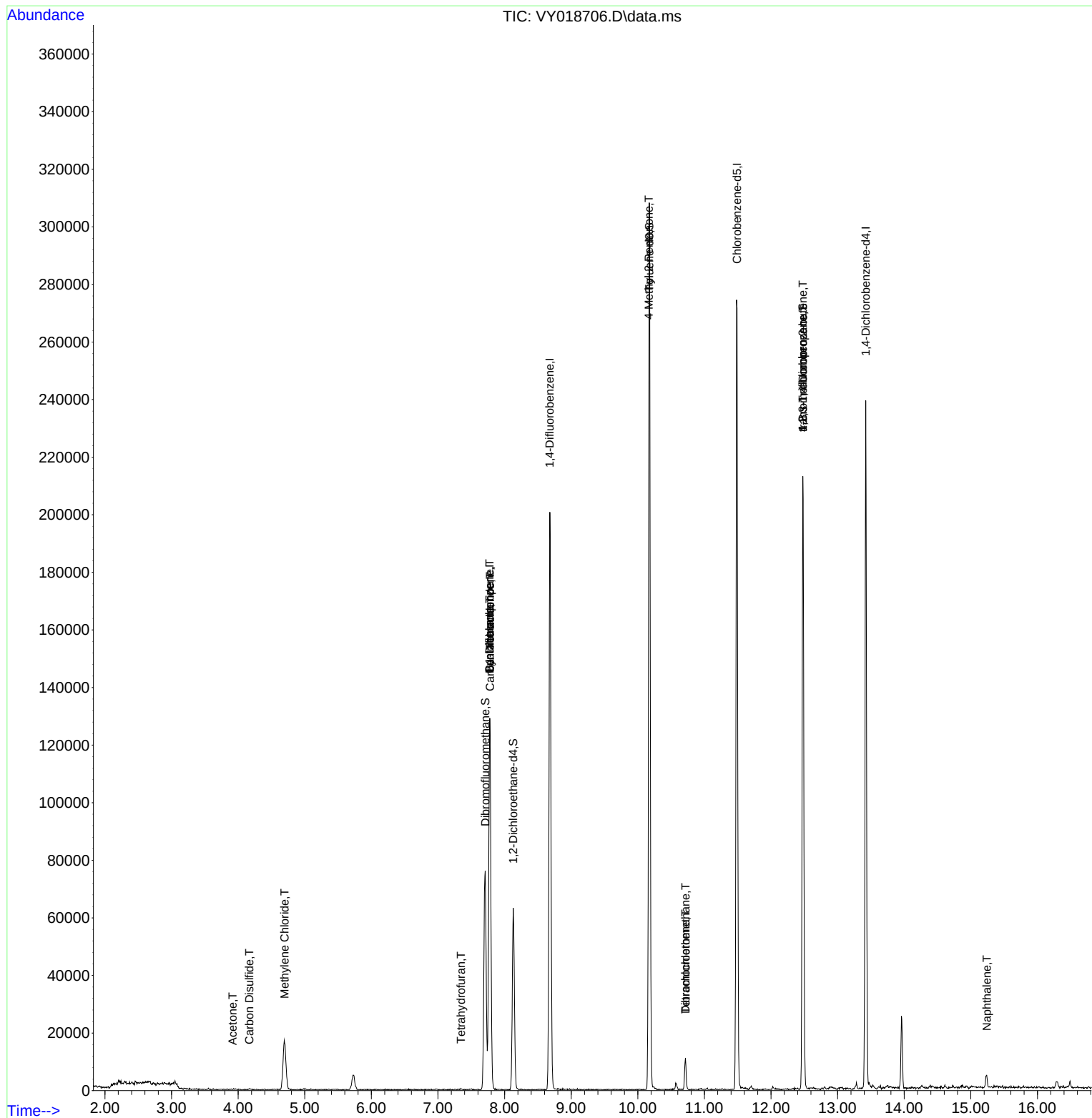
Internal Standards						
1) Pentafluorobenzene	7.777	168	101587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	181260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46970	45.924	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.840%		
35) Dibromofluoromethane	7.710	113	54391	49.191	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.380%		
50) Toluene-d8	10.173	98	205738	48.384	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.760%		
62) 4-Bromofluorobenzene	12.477	95	60049	44.722	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.440%		
Target Compounds						
					Qvalue	
16) Acetone	3.918	43	479	2.302	ug/l #	36
17) Carbon Disulfide	4.168	76	348	2.332	ug/l #	76
20) Methylene Chloride	4.698	84	13804	2.199	ug/l	98
29) Tetrahydrofuran	7.344	42	235	1.228	ug/l #	40
31) Cyclohexane	7.777	56	1758	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	7787	5.116	ug/l #	46
38) Carbon Tetrachloride	7.783	117	10228	6.405	ug/l #	15
51) 4-Methyl-2-Pentanone	10.166	43	740	1.049	ug/l #	1
60) Dibromochloromethane	10.715	129	1990	1.803	ug/l #	10
64) Tetrachloroethene	10.715	164	2394	2.098	ug/l	93
76) 1,2,3-Trichloropropane	12.477	75	31208	55.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31208	144.344	ug/l #	16
95) Naphthalene	15.239	128	3914	2.140	ug/l #	96

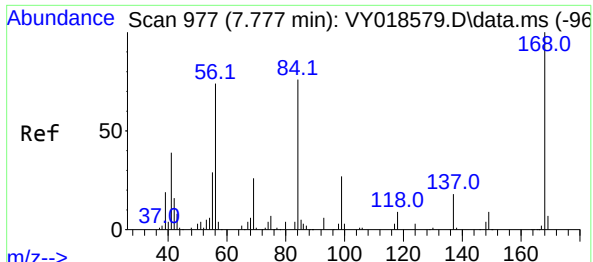
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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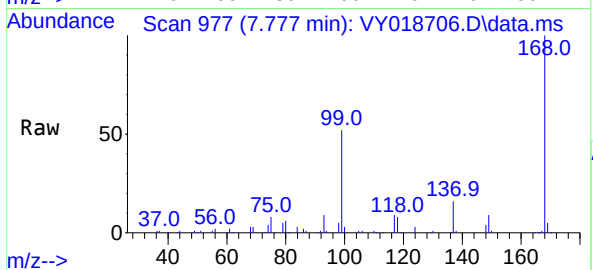
Quant Time: Jun 27 07:51:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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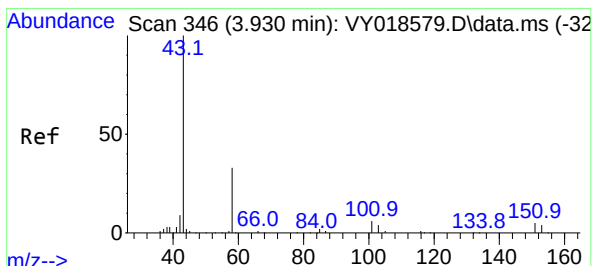
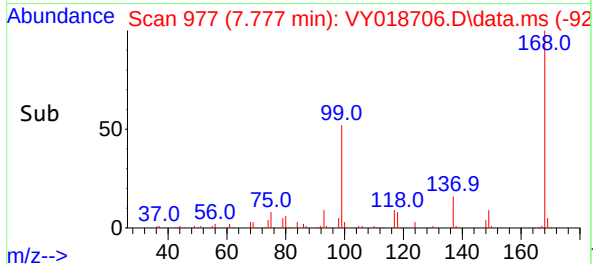
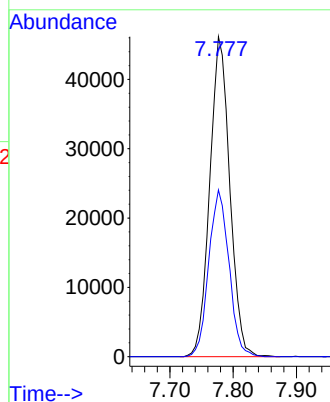


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

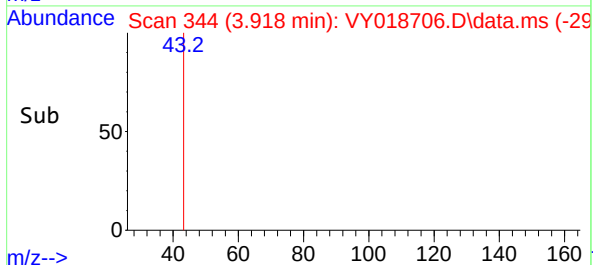
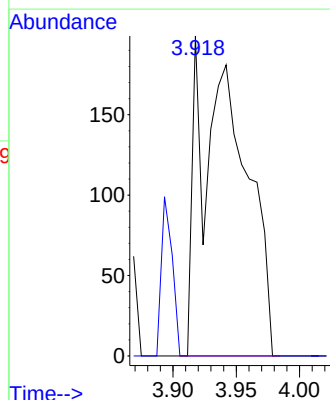
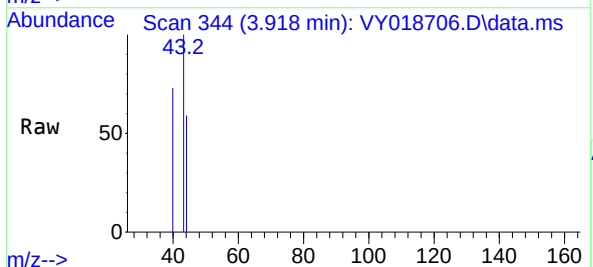


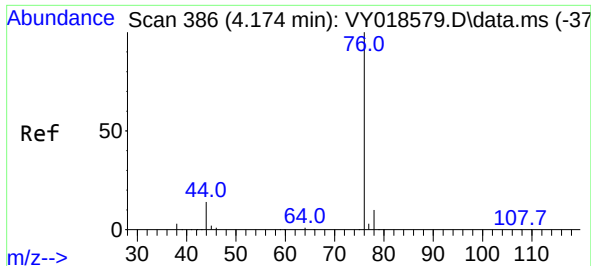
Tgt Ion:168 Resp: 101587
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#16
Acetone
Concen: 2.302 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#17

Carbon Disulfide

Concen: 2.332 ug/l

RT: 4.168 min Scan# 3

Delta R.T. -0.006 min

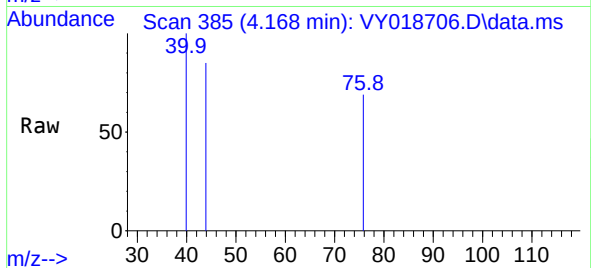
Lab File: VY018706.D

Acq: 26 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :

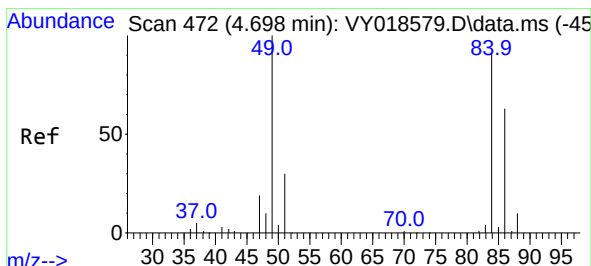
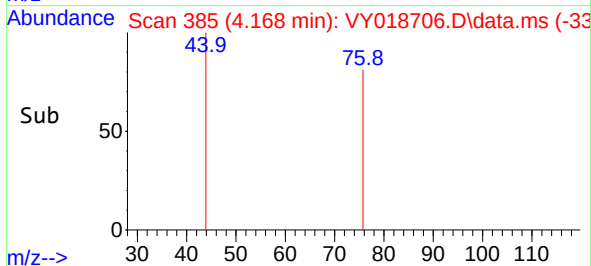
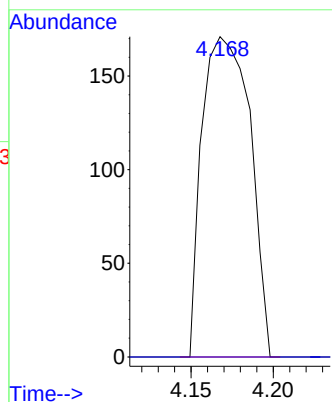


Tgt Ion: 76 Resp: 348

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#20

Methylene Chloride

Concen: 2.199 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018706.D

Acq: 26 Jun 2024 14:41

Tgt Ion: 84 Resp: 13804

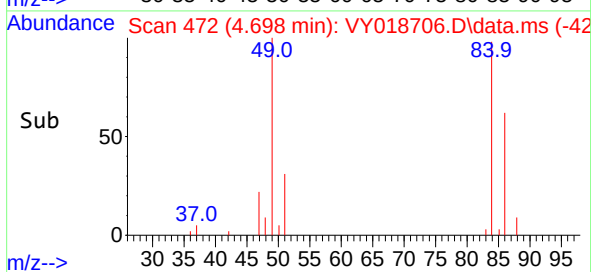
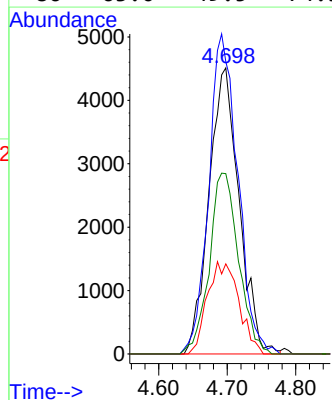
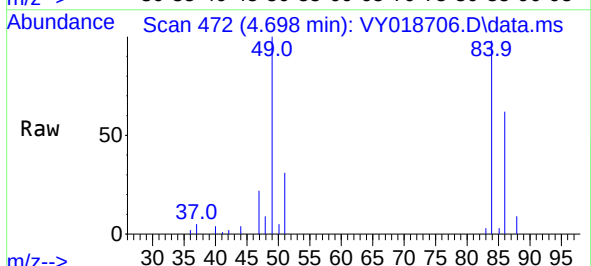
Ion Ratio Lower Upper

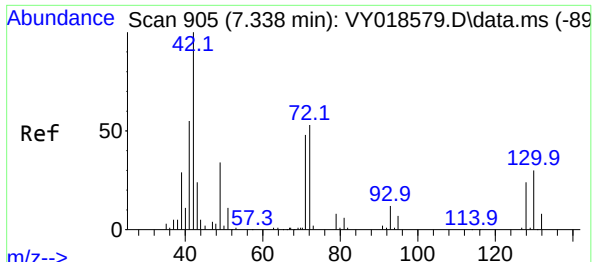
84 100

49 102.1 84.4 126.6

51 31.5 26.0 39.0

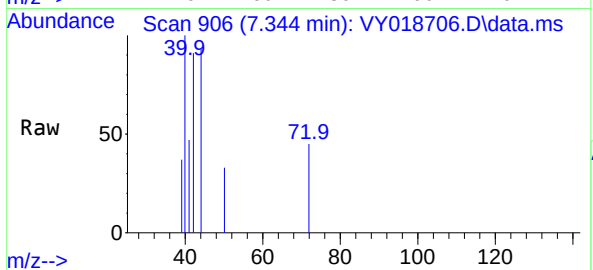
86 63.0 49.5 74.3



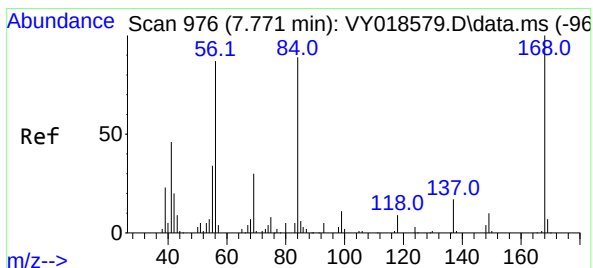
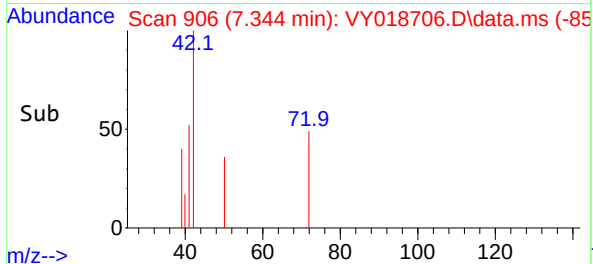
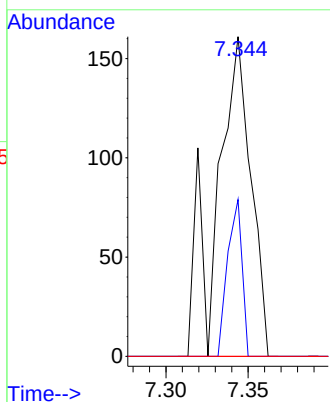


#29
Tetrahydrofuran
Concen: 1.228 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

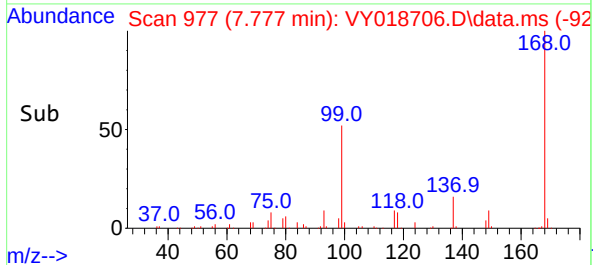
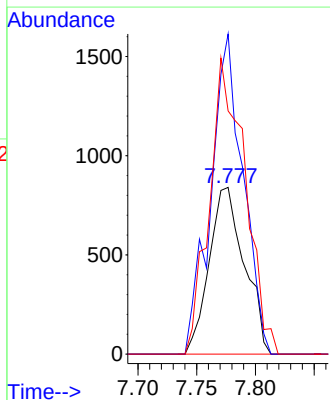
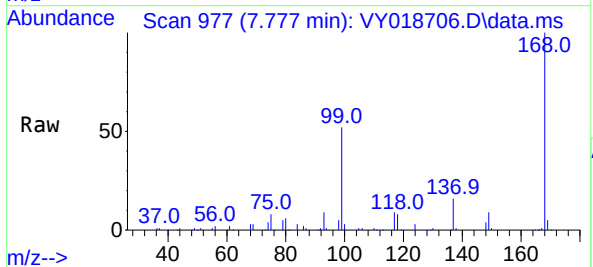


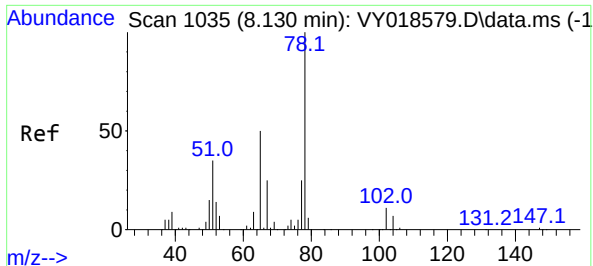
Tgt Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
72 20.4 43.0 64.4#
71 0.0 40.8 61.2#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Tgt Ion: 56 Resp: 1758
Ion Ratio Lower Upper
56 100
69 192.1 28.7 43.1#
84 146.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 45.924 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018706.D

Acq: 26 Jun 2024 14:41

Instrument :

MSVOA_Y

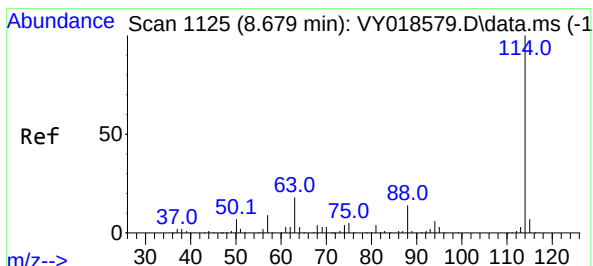
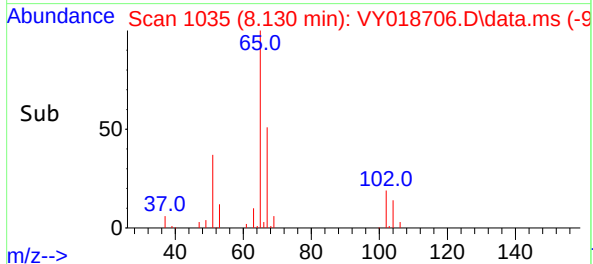
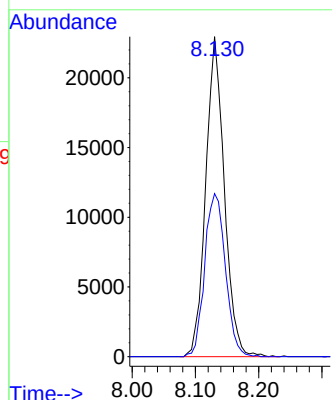
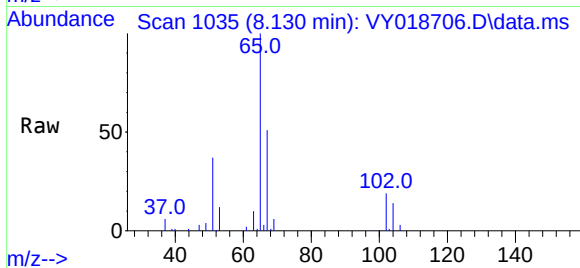
ClientSampleId :

Tgt Ion: 65 Resp: 46970

Ion Ratio Lower Upper

65 100

67 56.7 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: VY018706.D

Acq: 26 Jun 2024 14:41

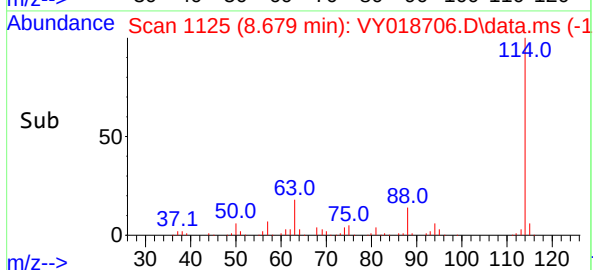
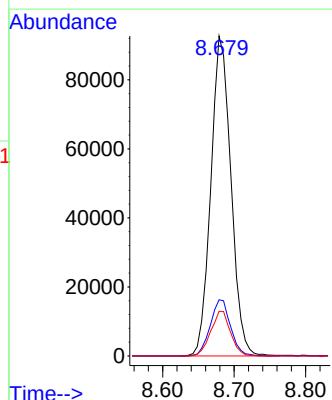
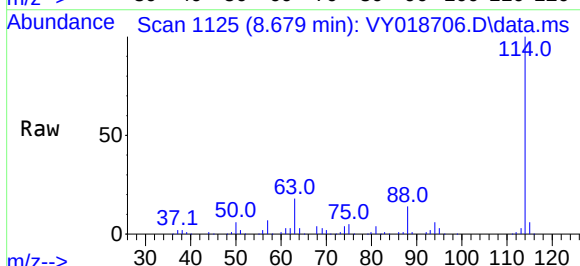
Tgt Ion:114 Resp: 181260

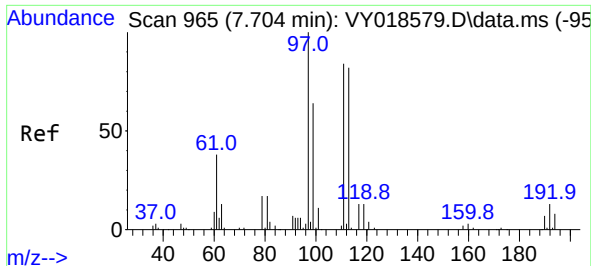
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

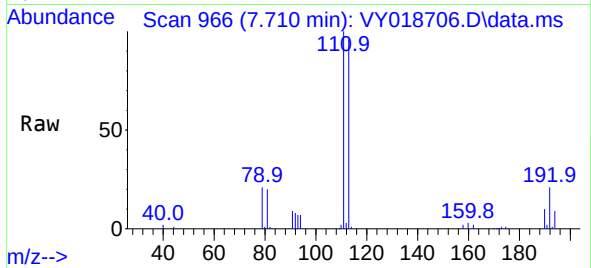
88 13.9 0.0 27.2



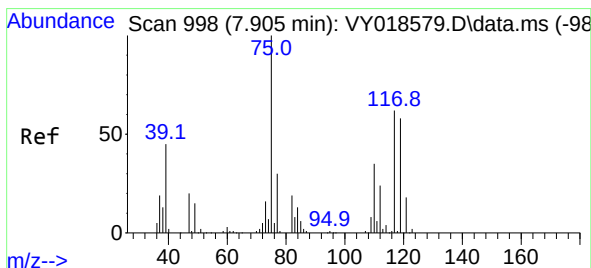
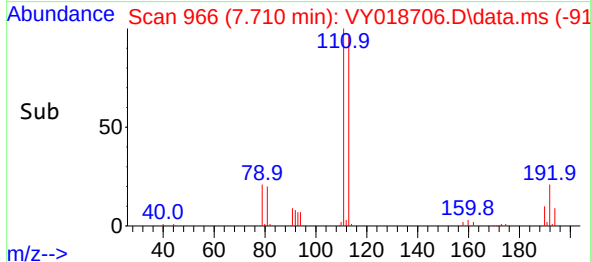
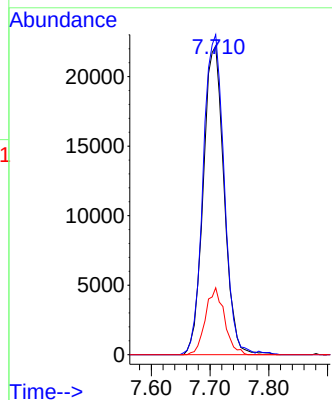


#35
Dibromofluoromethane
Concen: 49.191 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

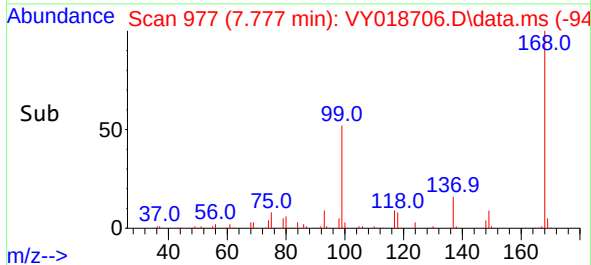
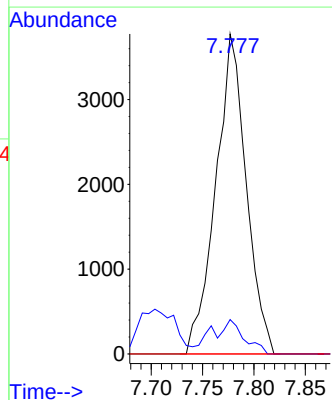
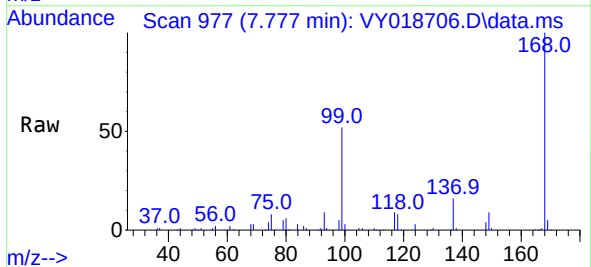


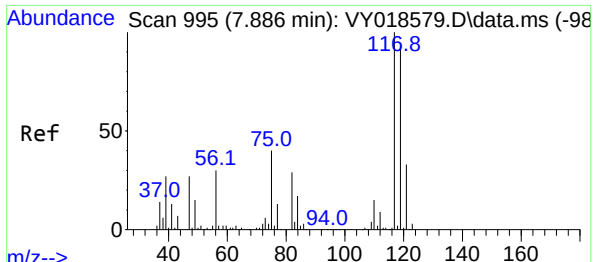
Tgt Ion:113 Resp: 54391
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

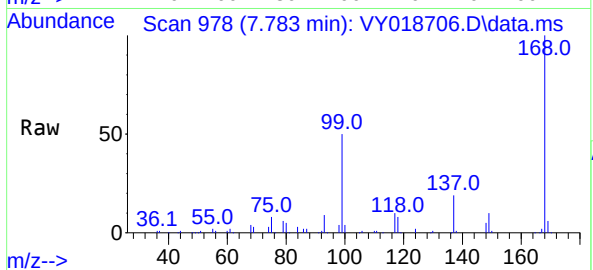
Tgt Ion: 75 Resp: 7787
Ion Ratio Lower Upper
75 100
110 7.3 19.0 57.0#
77 0.0 25.3 37.9#



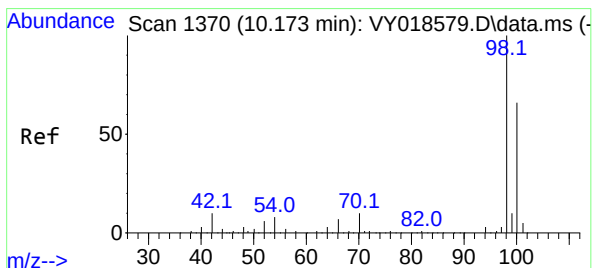
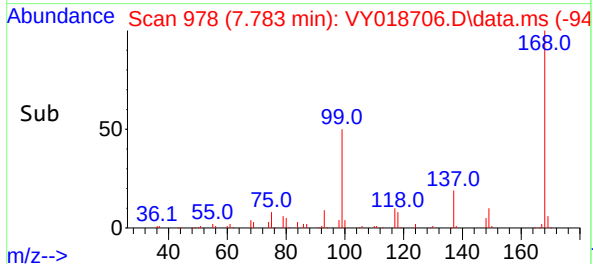
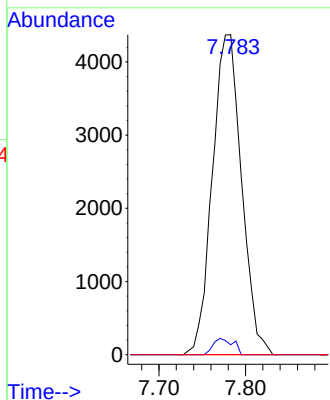


#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :

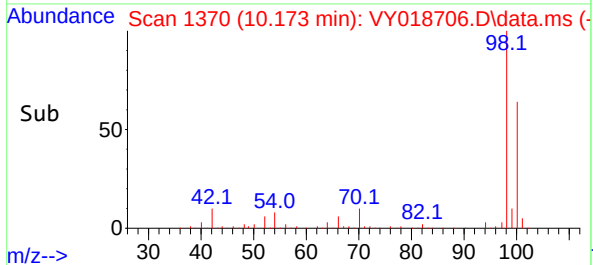
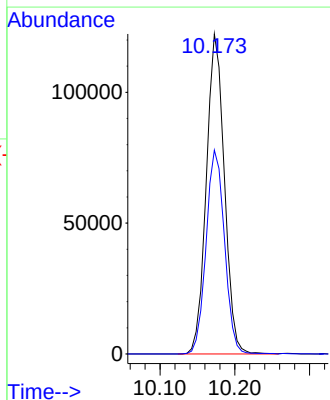
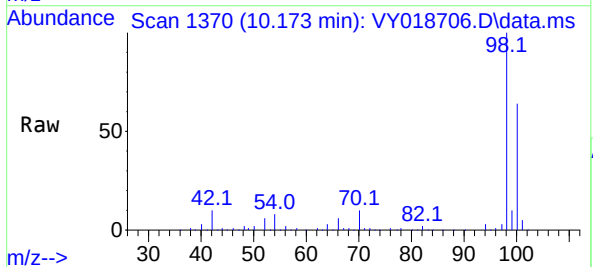


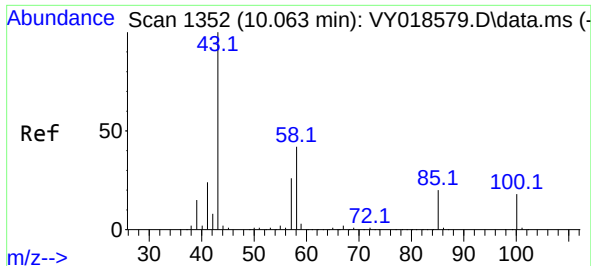
Tgt Ion:117 Resp: 10228
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.384 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Tgt Ion: 98 Resp: 205738
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

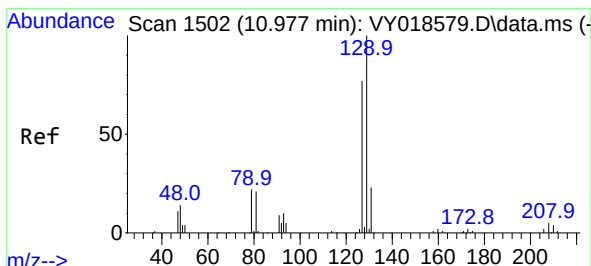
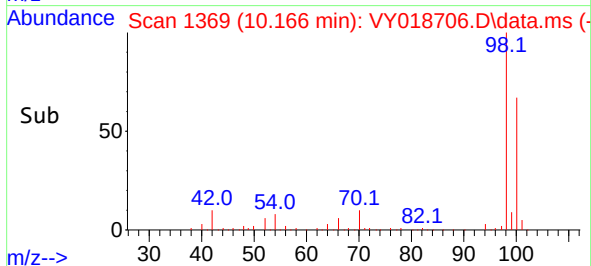
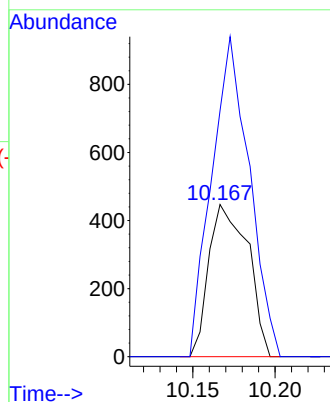
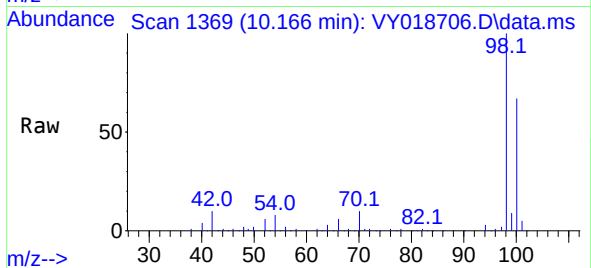




#51
4-Methyl-2-Pentanone
Concen: 1.049 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

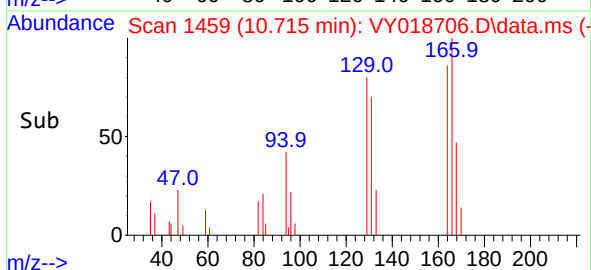
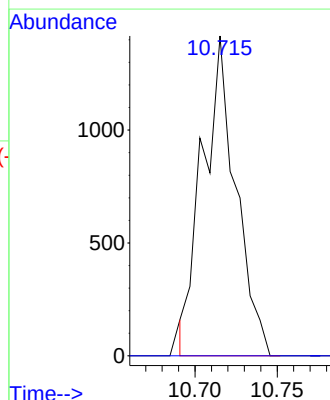
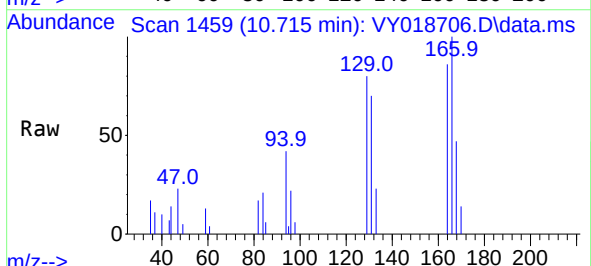
Instrument :
MSVOA_Y
ClientSampleId :

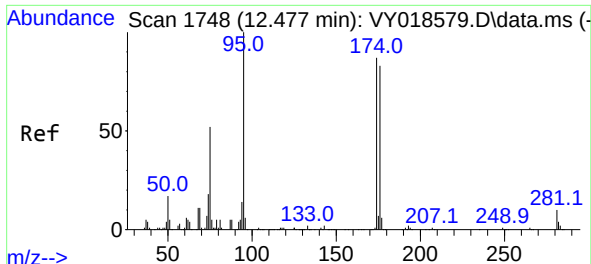
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 202.4 35.7 53.5#



#60
Dibromochloromethane
Concen: 1.803 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Tgt Ion: 129 Resp: 1990
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

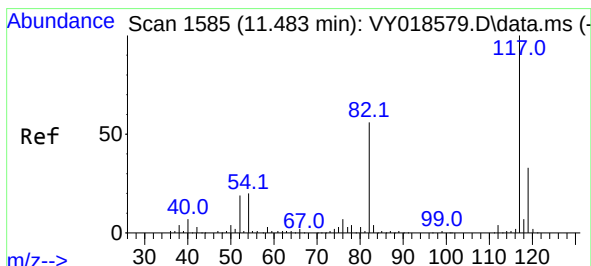
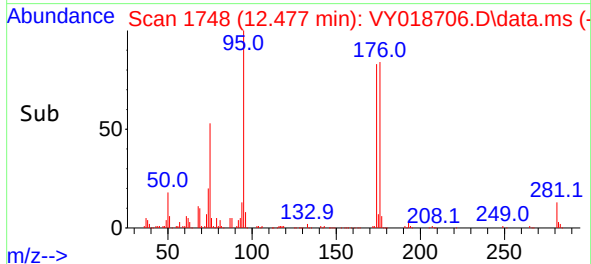
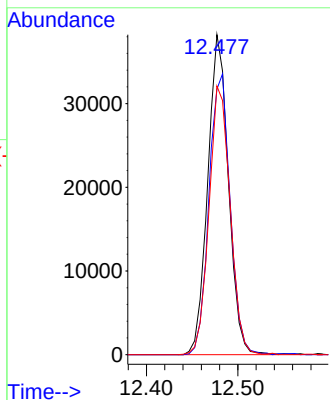
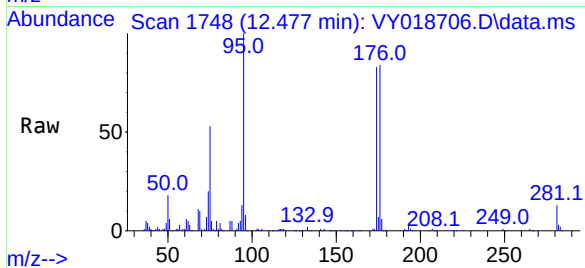




#62
4-Bromofluorobenzene
Concen: 44.722 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

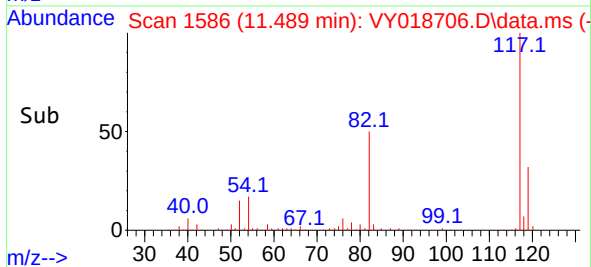
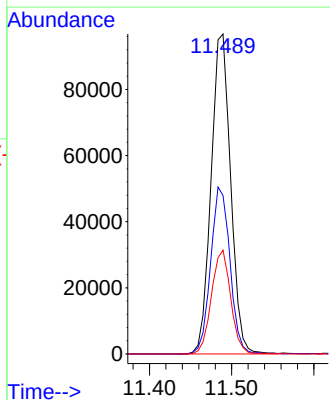
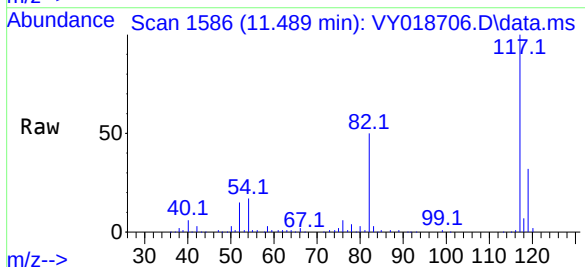
Instrument :
MSVOA_Y
ClientSampleId :

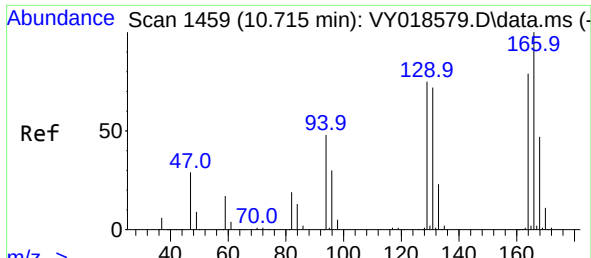
Tgt Ion: 95 Resp: 60049
Ion Ratio Lower Upper
95 100
174 89.6 0.0 175.6
176 85.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

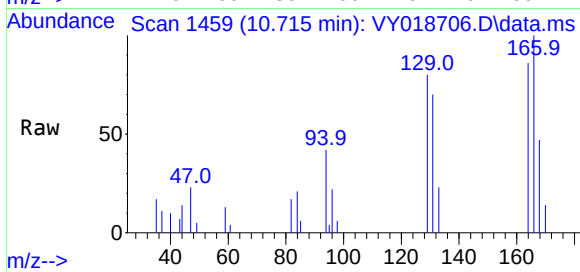
Tgt Ion: 117 Resp: 159999
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.4 25.9 38.9





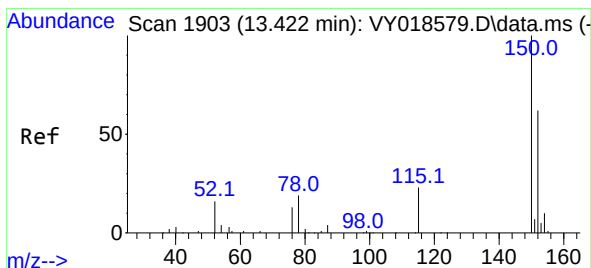
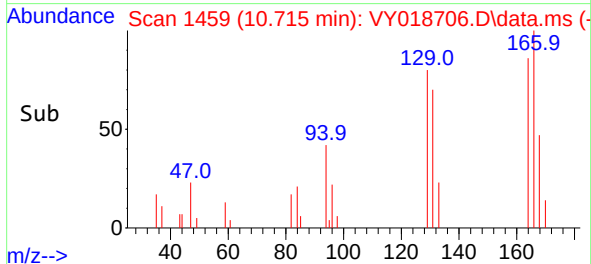
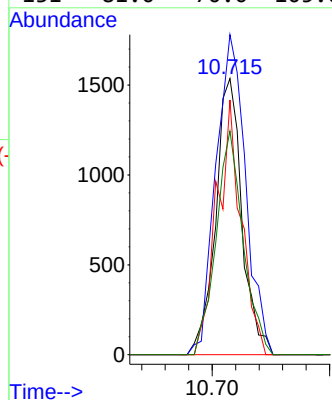
#64
Tetrachloroethene
Concen: 2.098 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:164 Resp: 2394

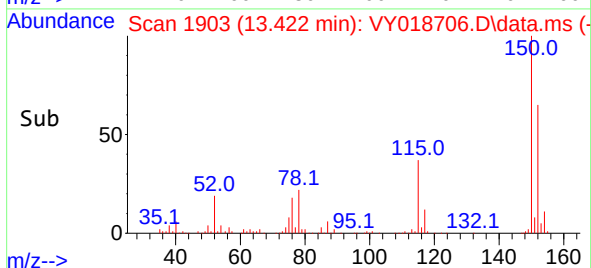
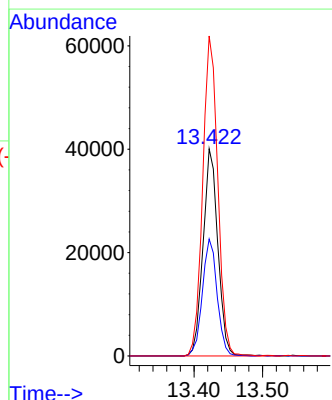
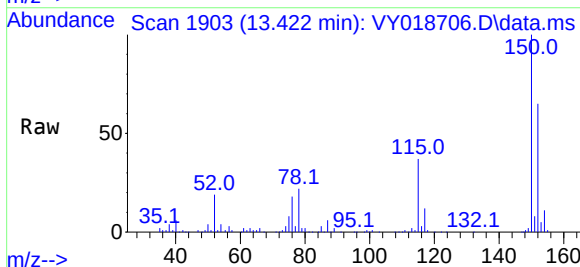
Ion	Ratio	Lower	Upper
164	100		
166	115.9	102.6	154.0
129	92.3	72.0	108.0
131	81.0	70.0	105.0

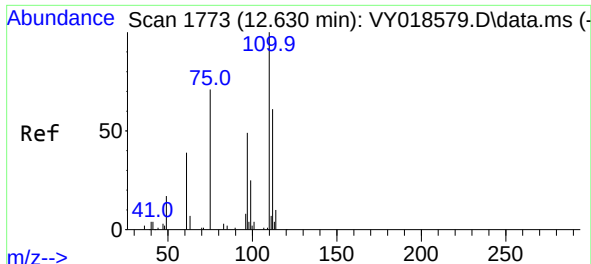


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Tgt Ion:152 Resp: 60373

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	156.8	0.0	345.6

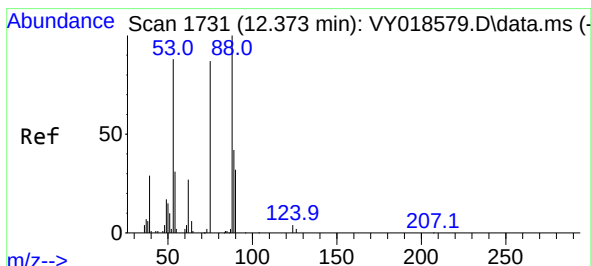
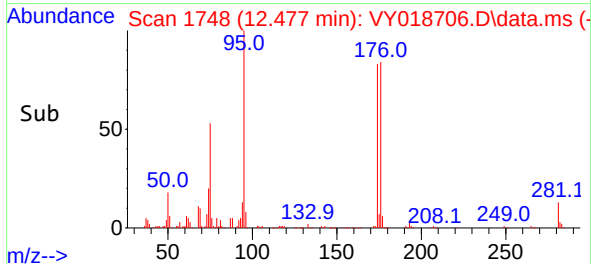
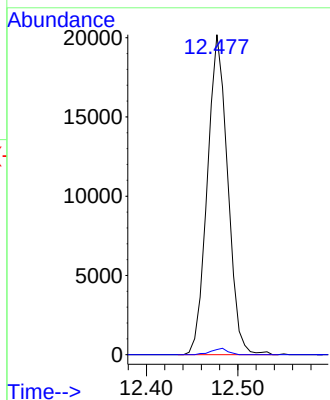
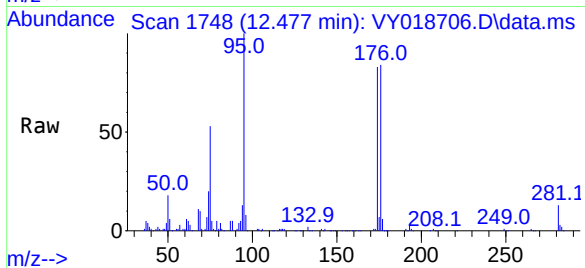




#76
1,2,3-Trichloropropane
Concen: 55.106 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

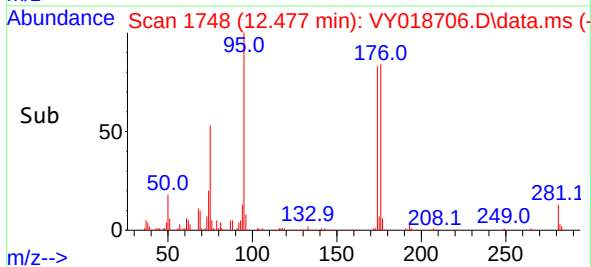
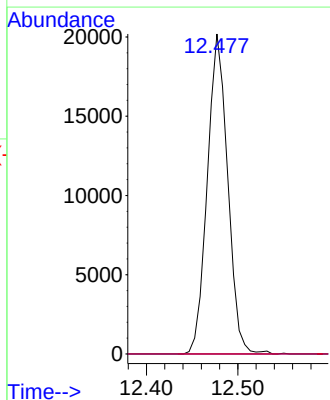
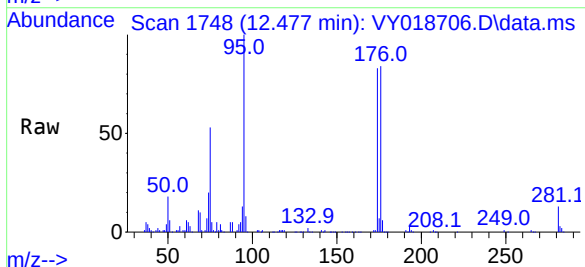
Instrument :
MSVOA_Y
ClientSampleId :

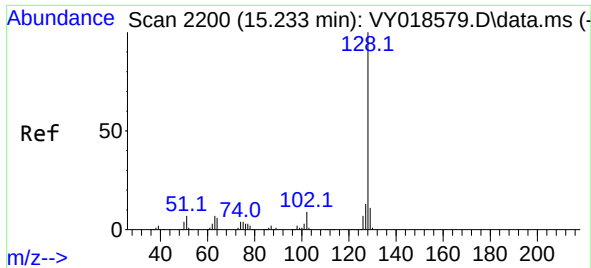
Tgt Ion: 75 Resp: 31208
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.344 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

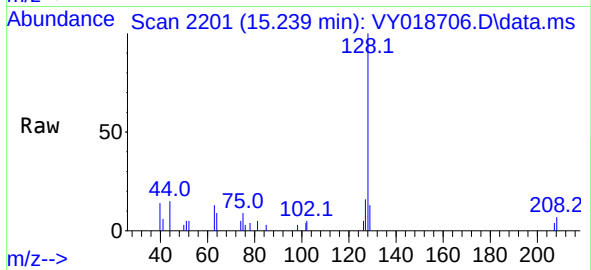
Tgt Ion: 75 Resp: 31208
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 2.140 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY018706.D
Acq: 26 Jun 2024 14:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 3914
Ion Ratio Lower Upper
128 100
127 16.0 10.6 16.0#
129 10.9 8.6 13.0

