

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018709.D
 Acq On : 26 Jun 2024 15:57
 Operator : SY/MD
 Sample : P3076-13
 Misc : 7.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 07:51:36 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)

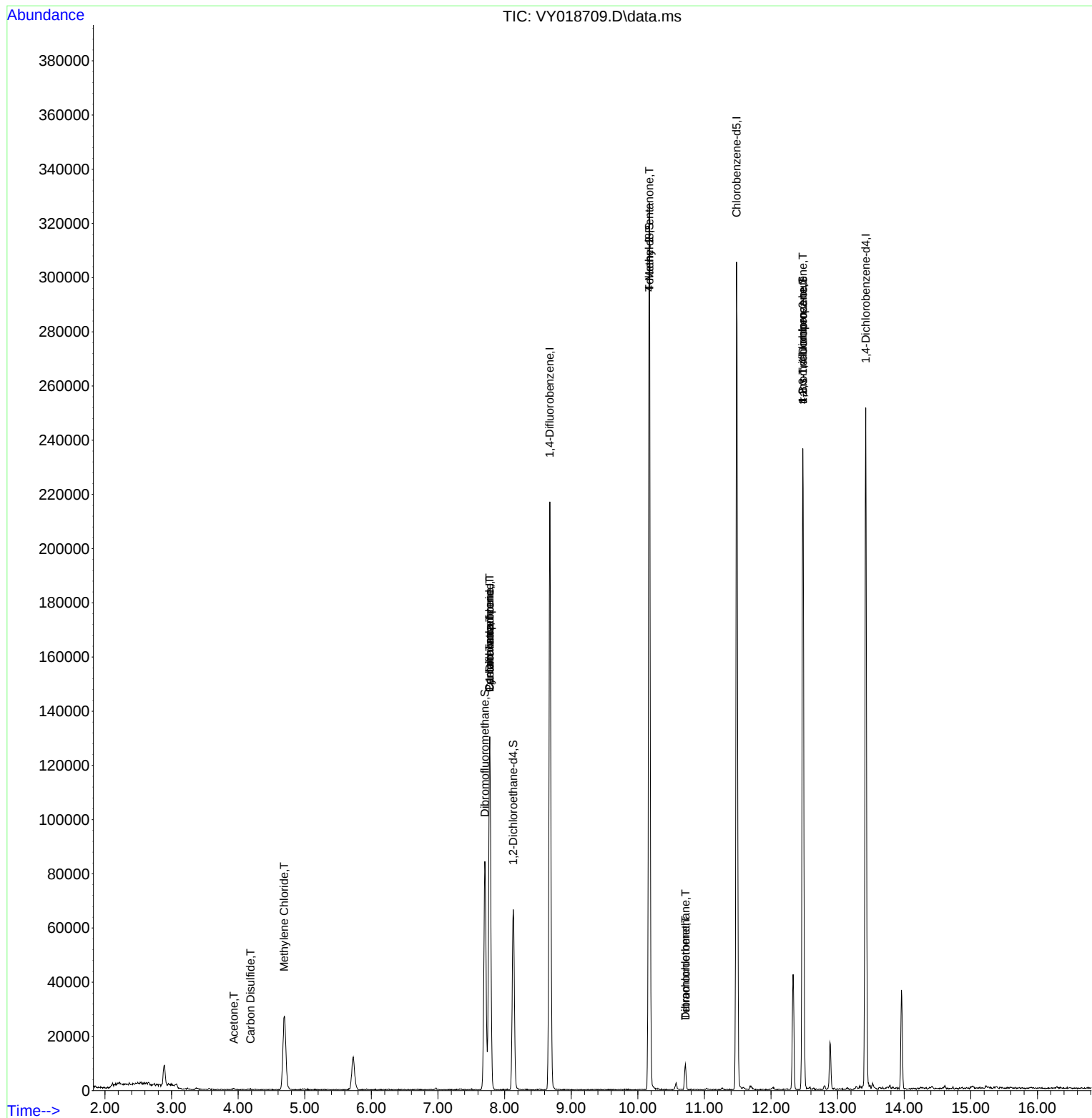
Internal Standards						
1) Pentafluorobenzene	7.777	168	104471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	188524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	172995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52564	49.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.704	113	59086	51.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.760%
50) Toluene-d8	10.173	98	217801	49.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.477	95	65232	46.710	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.420%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	731	3.416	ug/l #	62
17) Carbon Disulfide	4.186	76	169	2.272	ug/l #	76
20) Methylene Chloride	4.692	84	22245	9.634	ug/l	96
31) Cyclohexane	7.777	56	2074	1.287	ug/l #	4
36) 1,1-Dichloropropene	7.777	75	7979	5.041	ug/l #	48
38) Carbon Tetrachloride	7.777	117	9789	5.894	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	956	1.303	ug/l #	1
60) Dibromochloromethane	10.715	129	1836	1.600	ug/l #	10
64) Tetrachloroethene	10.715	164	1974	1.600	ug/l #	72
76) 1,2,3-Trichloropropane	12.477	75	34149	53.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34149	140.184	ug/l #	16

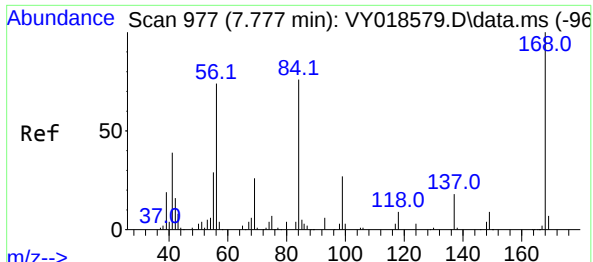
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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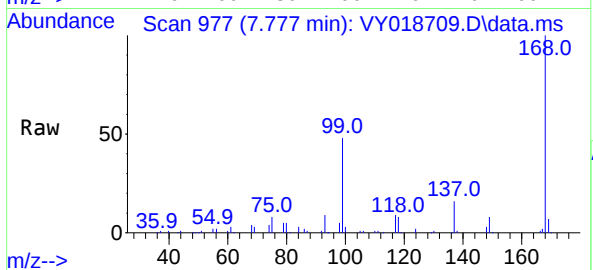
Quant Time: Jun 27 07:51:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



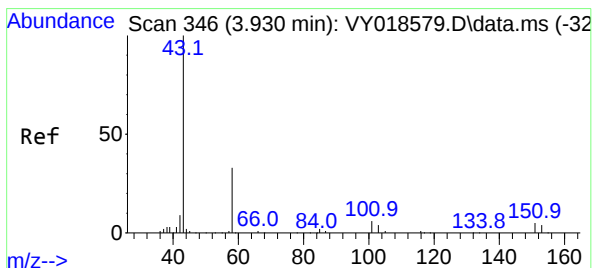
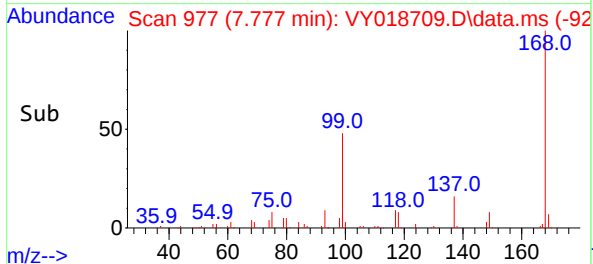
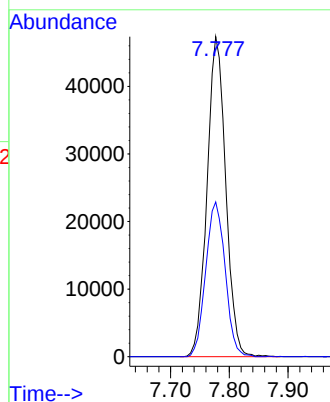


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

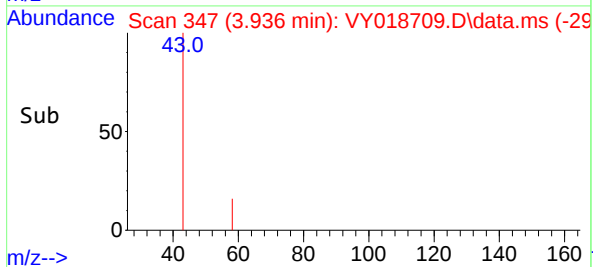
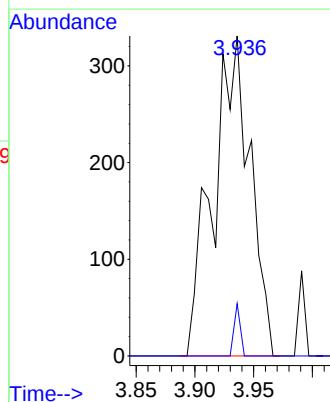
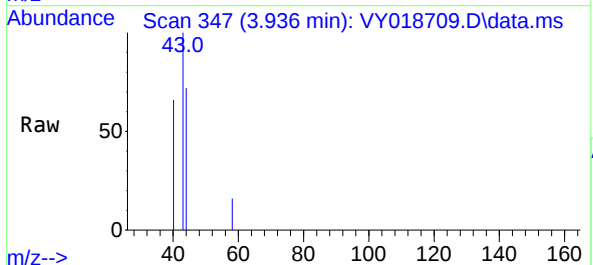


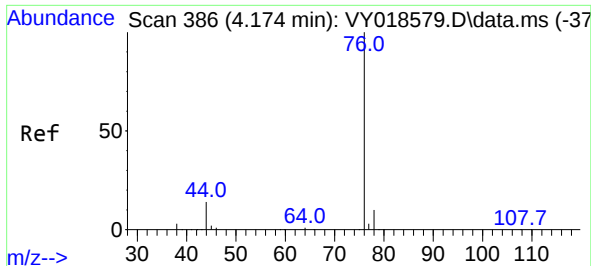
Tgt Ion:168 Resp: 104471
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#16
Acetone
Concen: 3.416 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

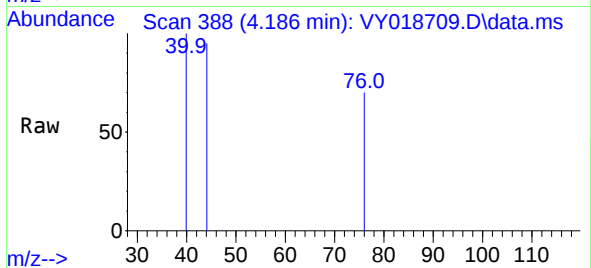
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 16.3 31.7 47.5#



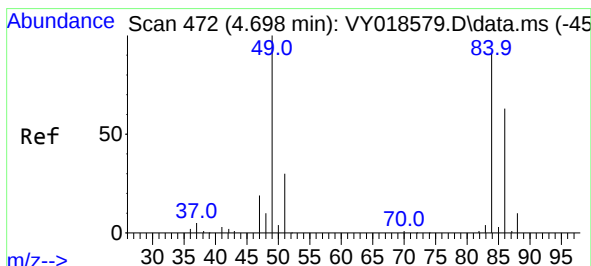
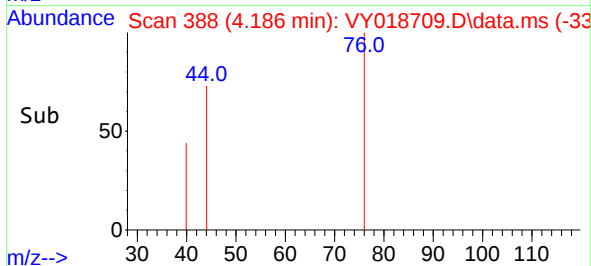
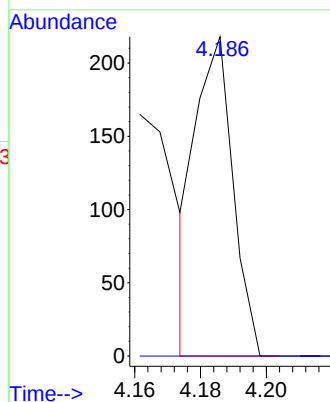


#17
Carbon Disulfide
Concen: 2.272 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.012 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

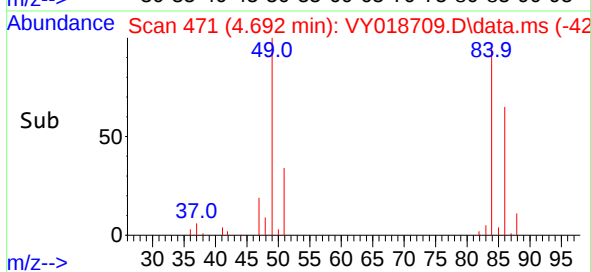
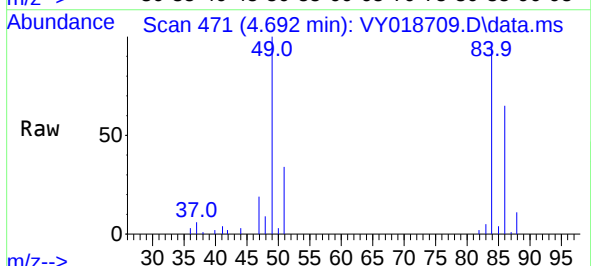
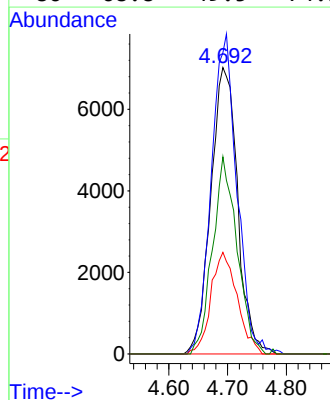


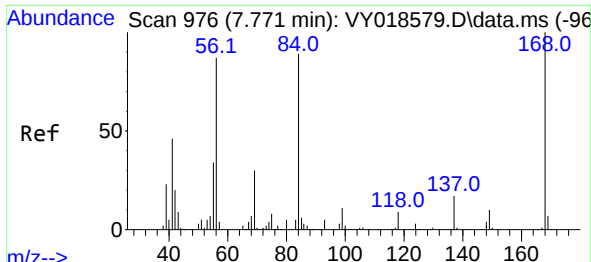
Tgt Ion: 76 Resp: 169
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 9.634 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

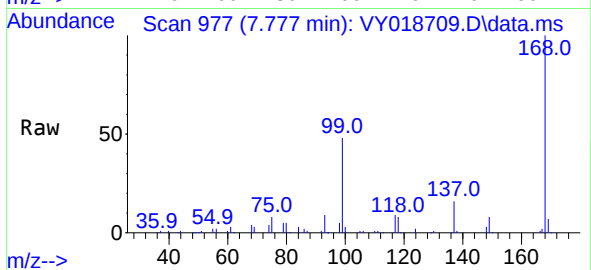
Tgt Ion: 84 Resp: 22245
Ion Ratio Lower Upper
84 100
49 105.2 84.4 126.6
51 35.5 26.0 39.0
86 68.8 49.5 74.3



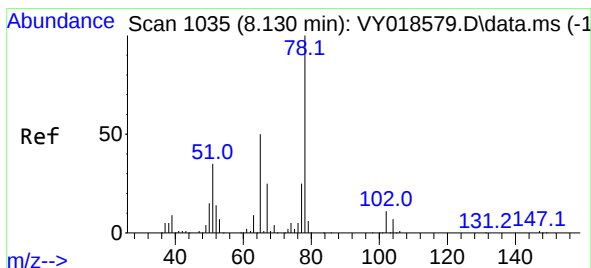
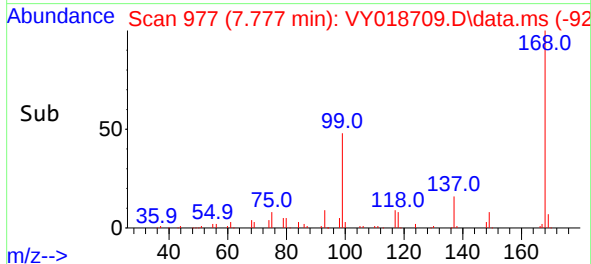
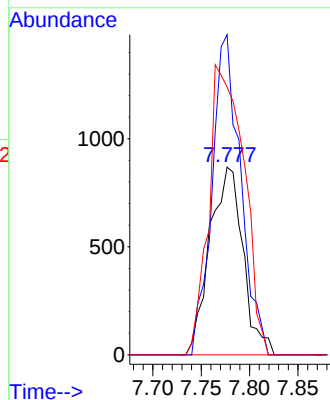


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

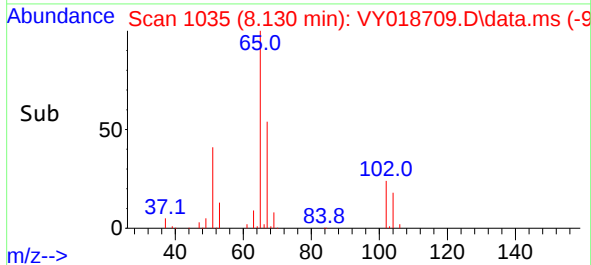
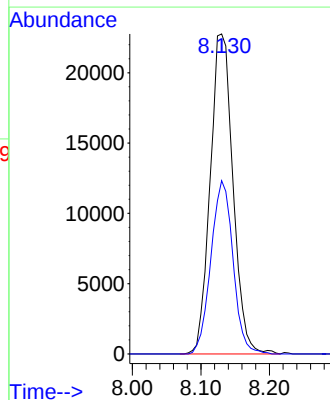
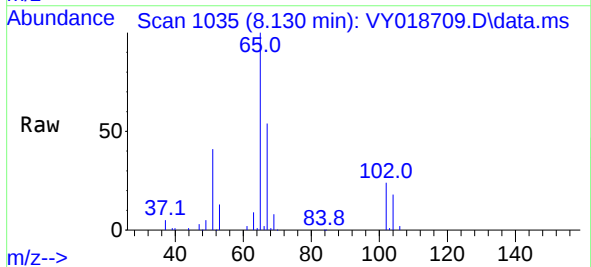


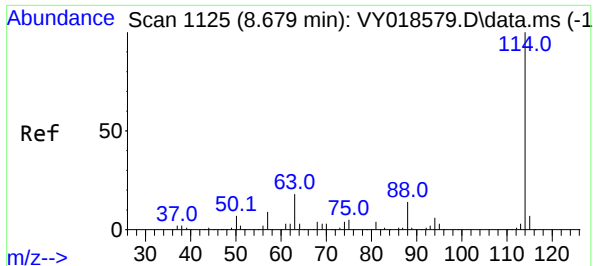
Tgt Ion: 56 Resp: 2074
Ion Ratio Lower Upper
56 100
69 170.5 28.7 43.1#
84 142.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.975 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Tgt Ion: 65 Resp: 52564
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: VY018709.D

Acq: 26 Jun 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

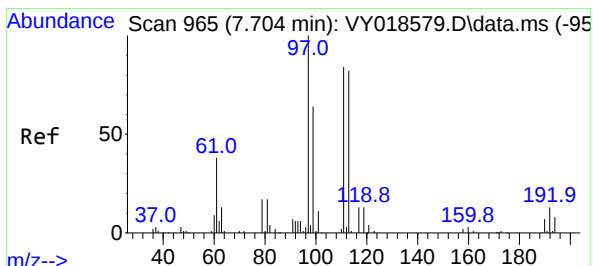
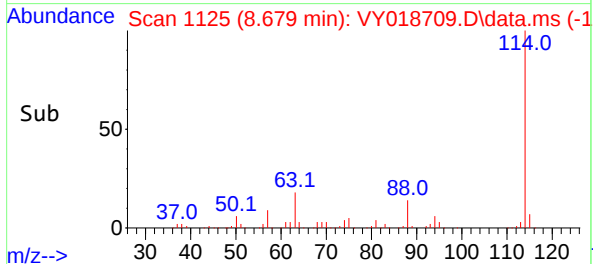
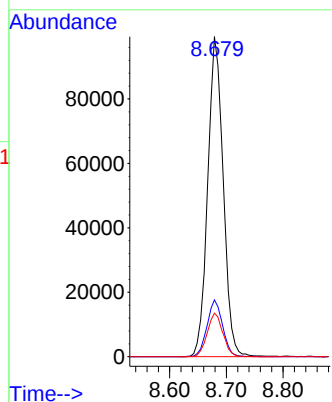
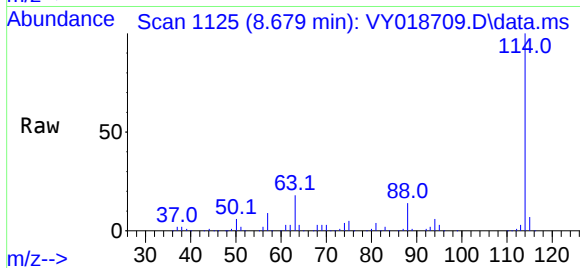
Tgt Ion:114 Resp: 188524

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.378 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018709.D

Acq: 26 Jun 2024 15:57

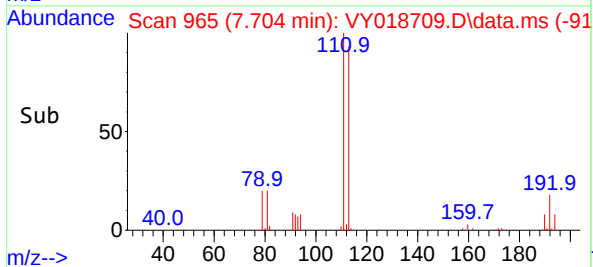
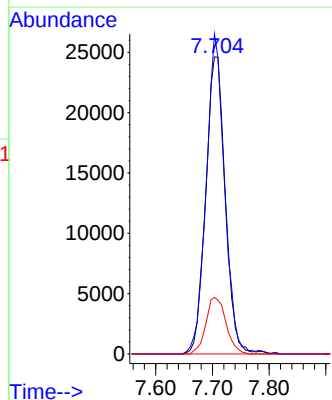
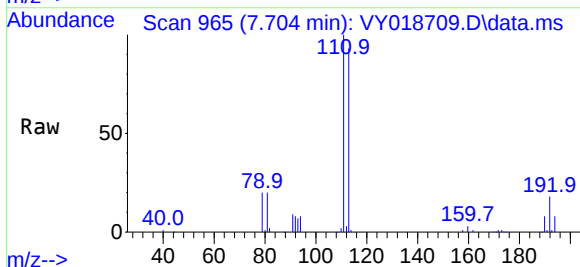
Tgt Ion:113 Resp: 59086

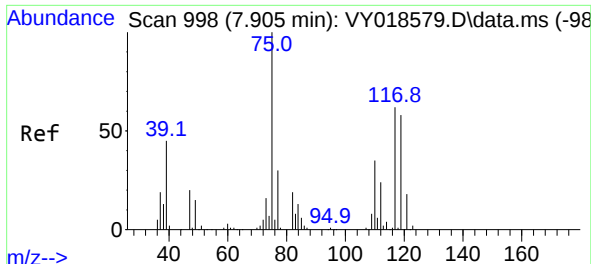
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

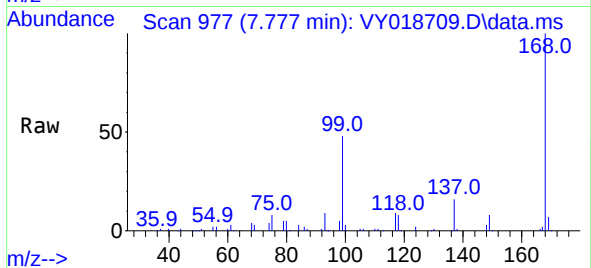
192 19.6 15.9 23.9



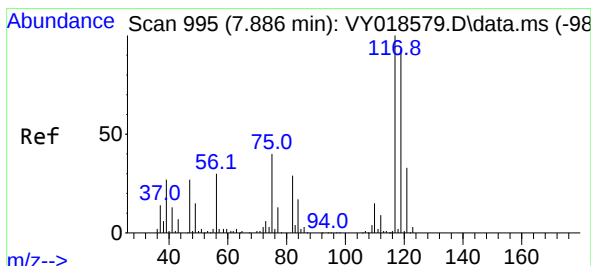
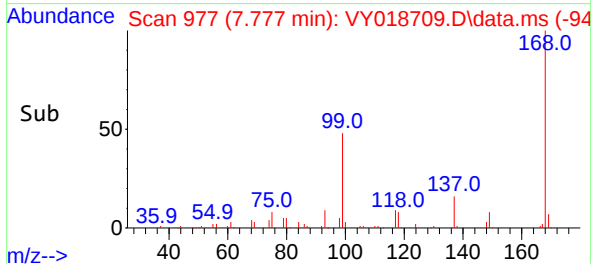
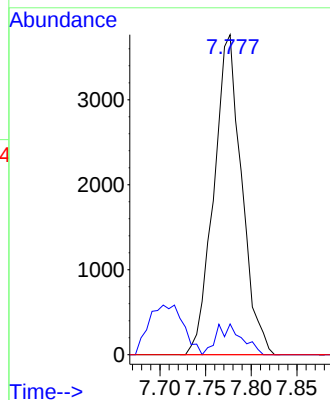


#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

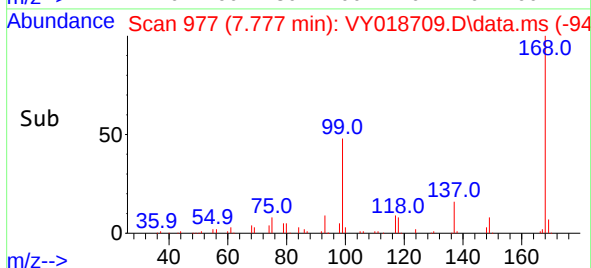
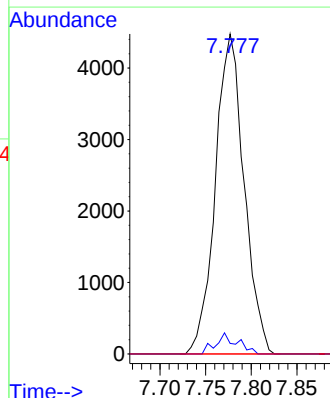
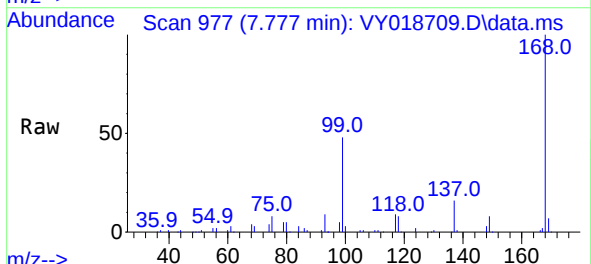


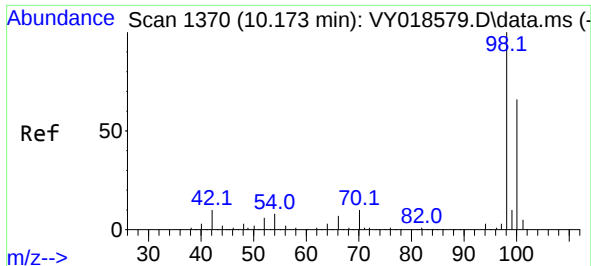
Tgt Ion: 75 Resp: 7979
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.894 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Tgt Ion: 117 Resp: 9789
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 24.0 36.0#

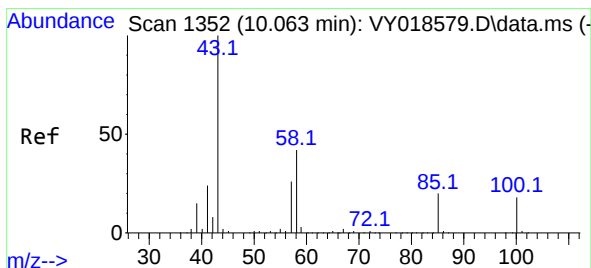
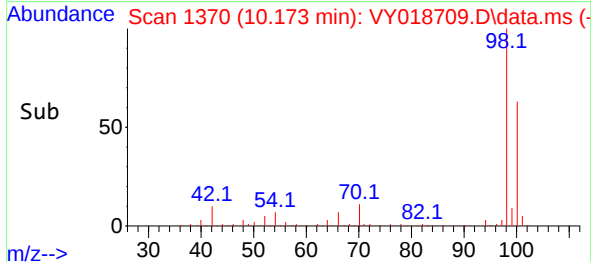
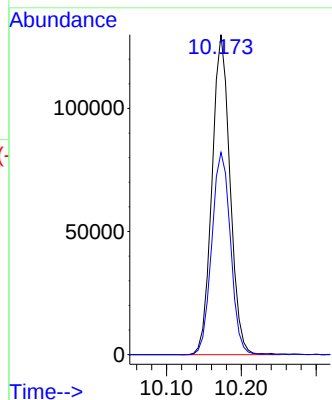
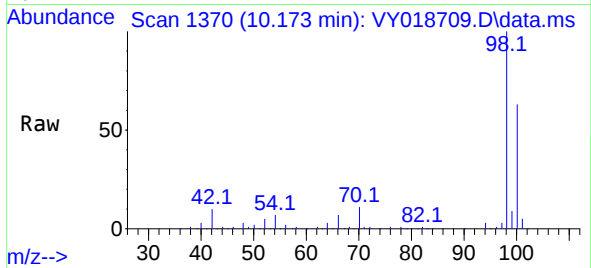




#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

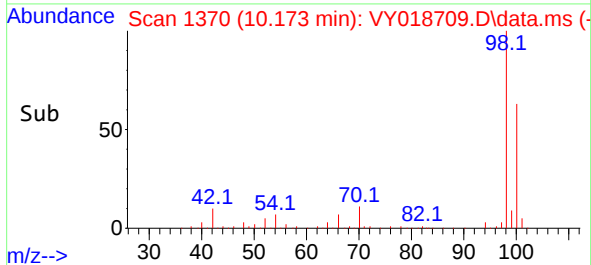
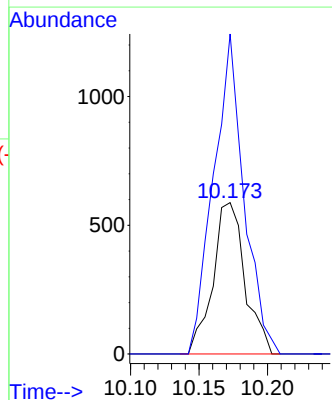
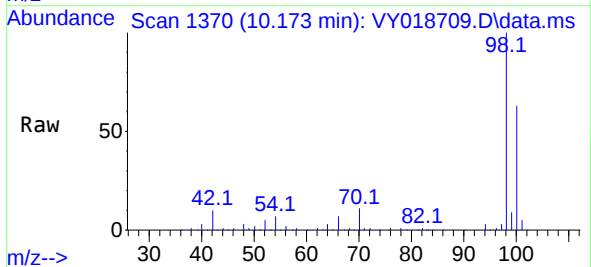
Instrument :
MSVOA_Y
ClientSampleId :

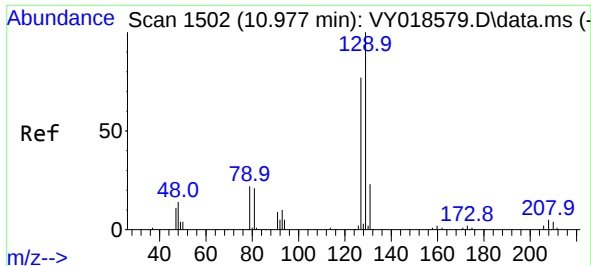
Tgt Ion: 98 Resp: 217801
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.303 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.110 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 200.9 35.7 53.5#

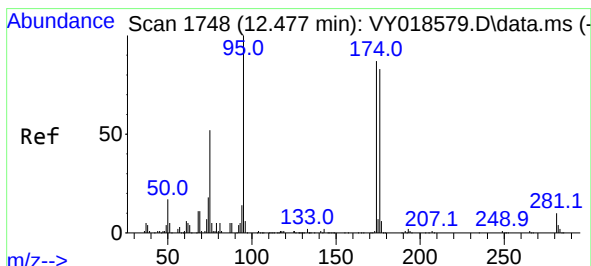
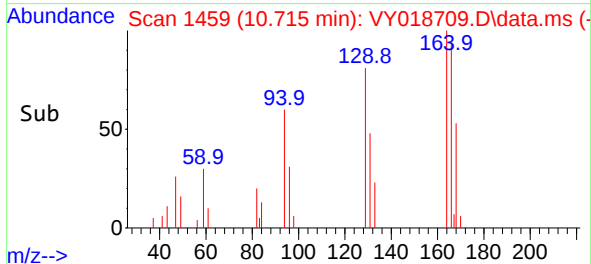
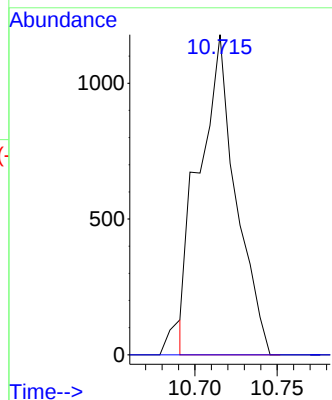
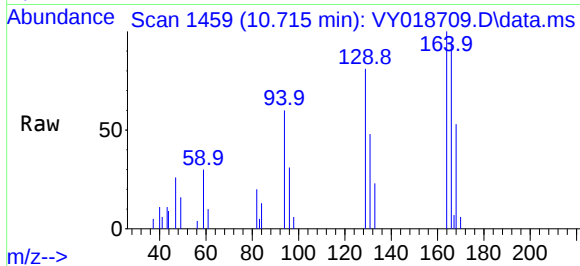




#60
Dibromochloromethane
Concen: 1.600 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

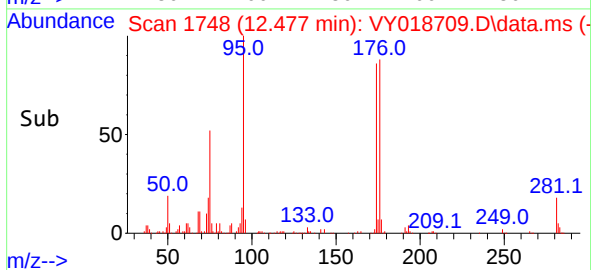
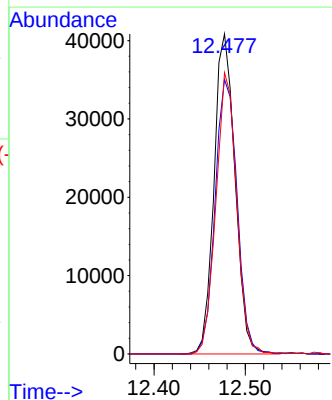
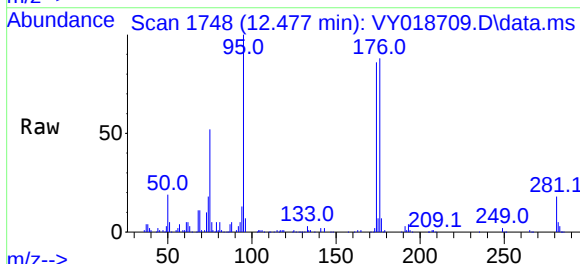
Instrument :
MSVOA_Y
ClientSampleId :

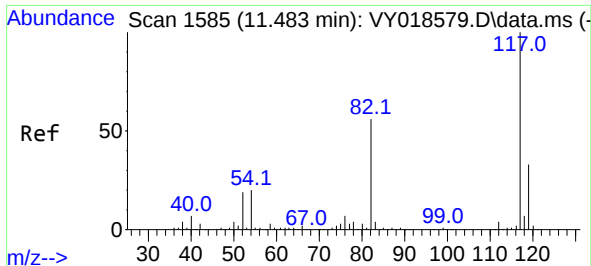
Tgt Ion:129 Resp: 1836
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 46.710 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

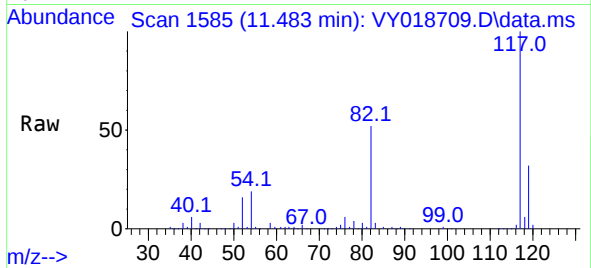
Tgt Ion: 95 Resp: 65232
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 86.7 0.0 171.4



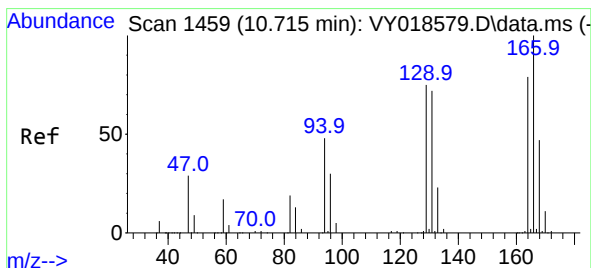
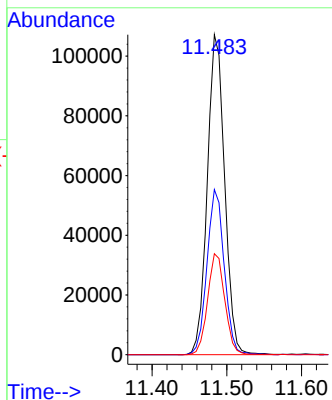
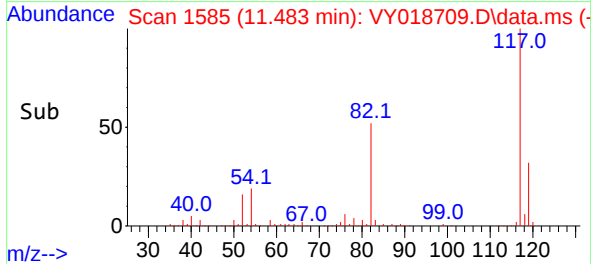


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

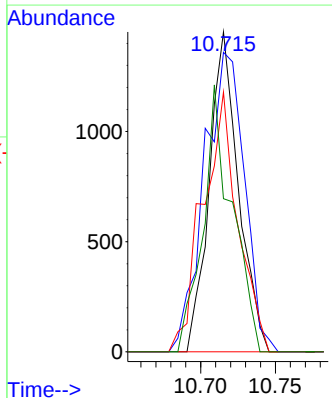
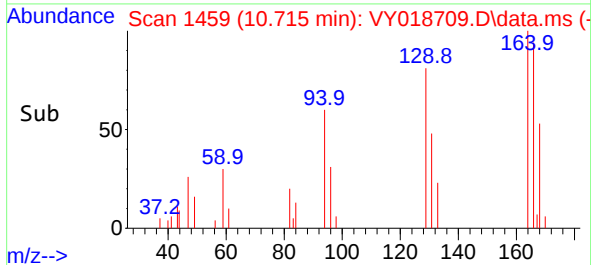
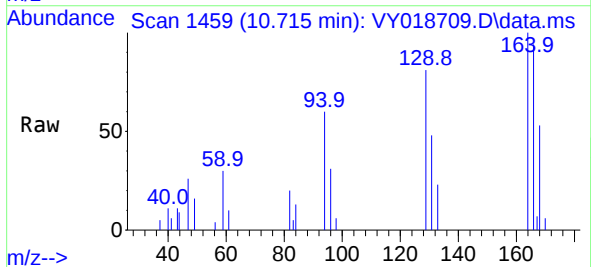


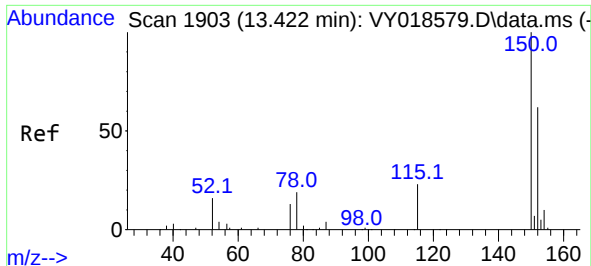
Tgt Ion:117 Resp: 172995
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 1.600 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

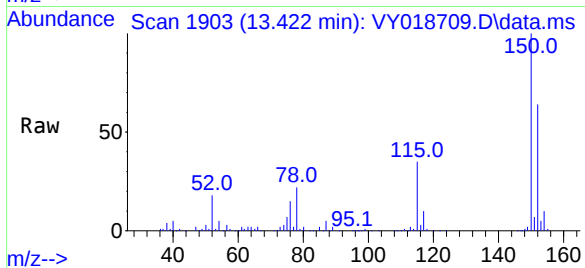
Tgt Ion:164 Resp: 1974
Ion Ratio Lower Upper
164 100
166 93.7 102.6 154.0#
129 81.2 72.0 108.0
131 47.9 70.0 105.0#



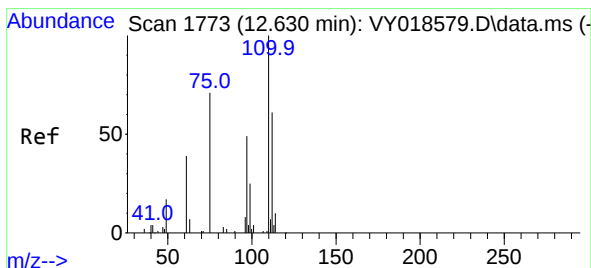
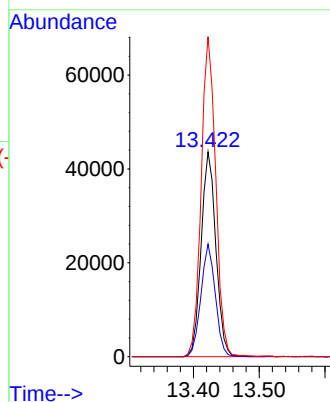
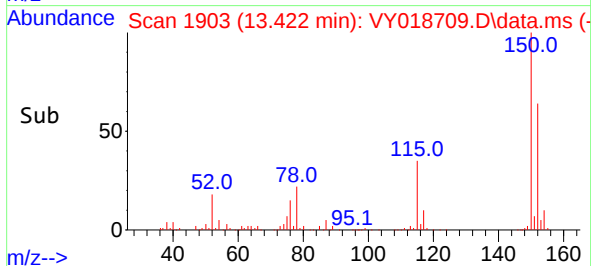


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

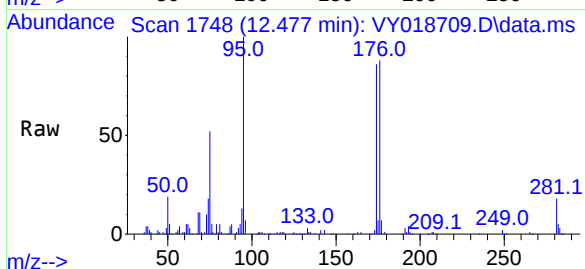
Instrument :
MSVOA_Y
ClientSampleId :



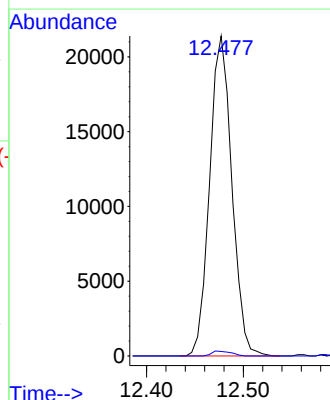
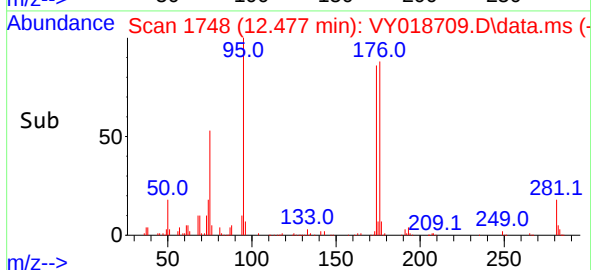
Tgt Ion:152 Resp: 68023
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 154.0 0.0 345.6

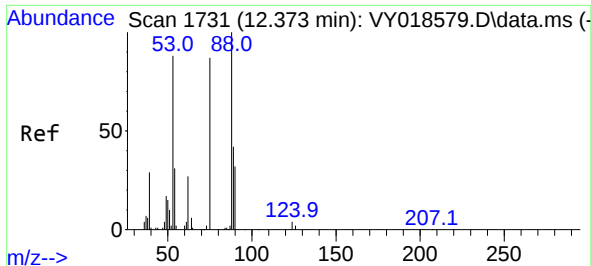


#76
1,2,3-Trichloropropane
Concen: 53.518 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57



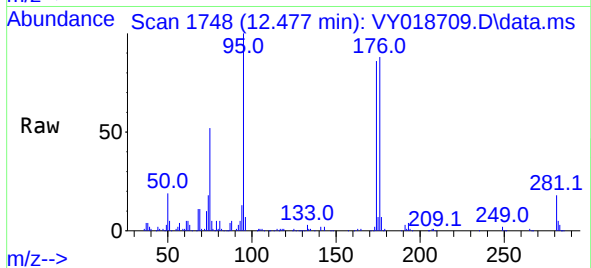
Tgt Ion: 75 Resp: 34149
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.184 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	34149
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

