

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018720.D
 Acq On : 27 Jun 2024 15:34
 Operator : SY/MD
 Sample : P3077-10
 Misc : 7.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-B-1

Quant Time: Jun 28 03:15:37 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)

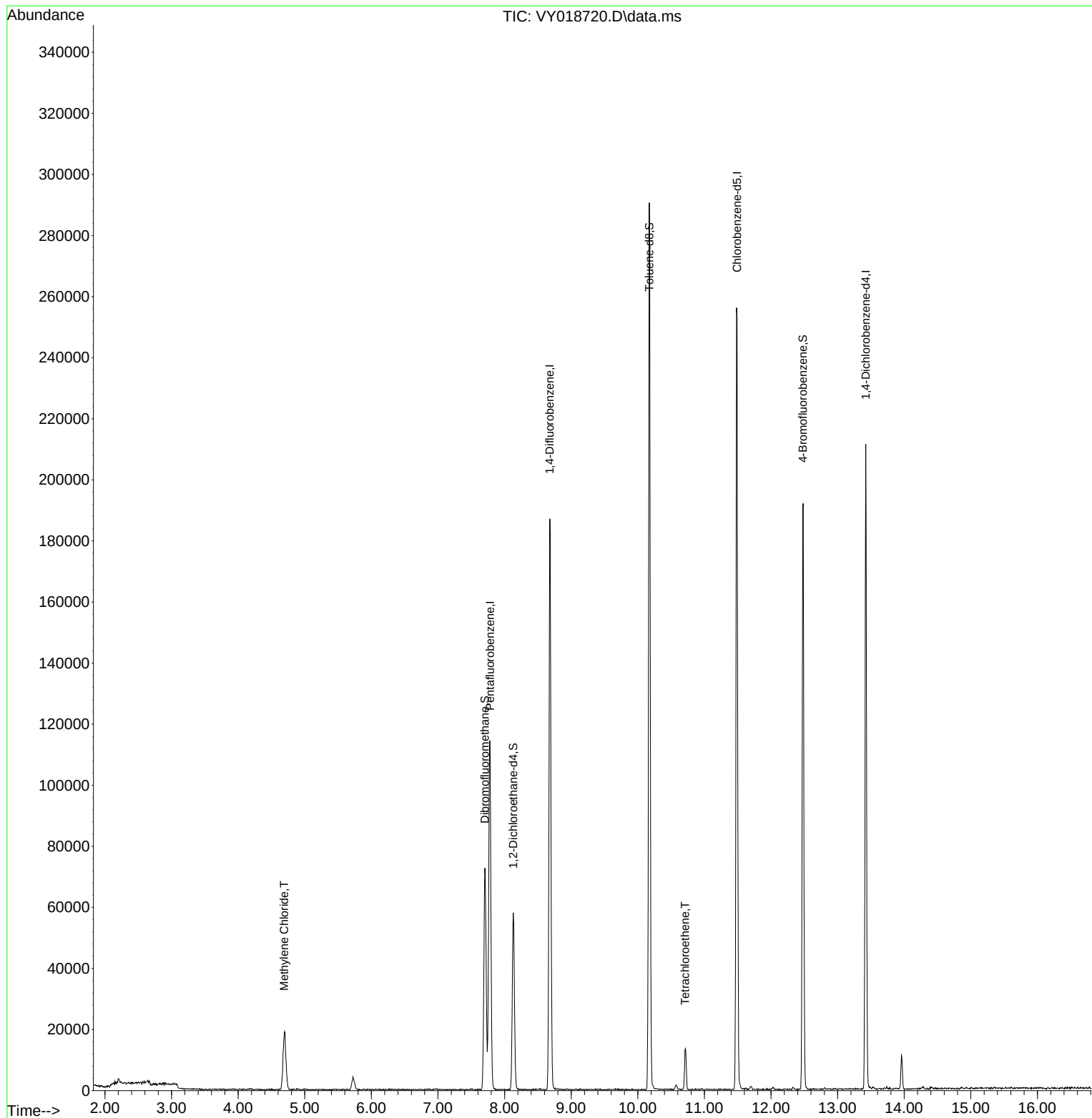
Internal Standards						
1) Pentafluorobenzene	7.783	168	91376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	168767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45410	49.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.720%
35) Dibromofluoromethane	7.704	113	52721	51.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.173	98	193743	48.936	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.477	95	54267	43.407	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.820%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.692	84	15081	5.013	ug/l	93
64) Tetrachloroethene	10.709	164	3247	3.063	ug/l #	69

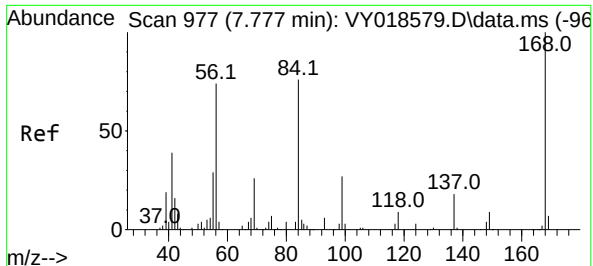
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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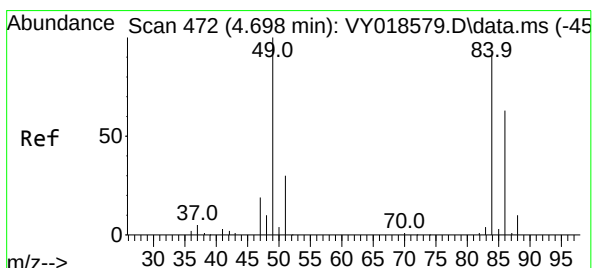
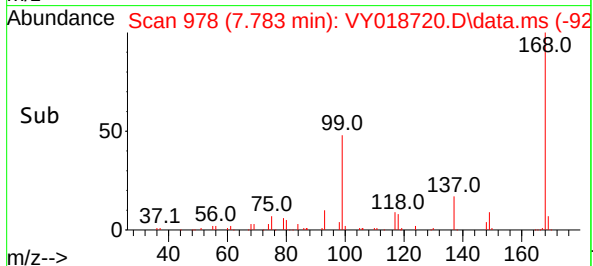
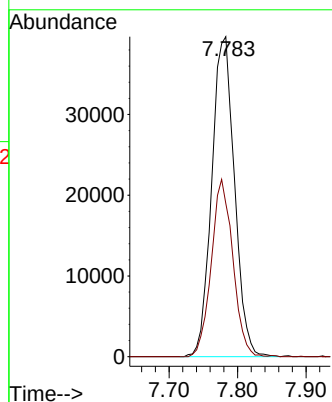
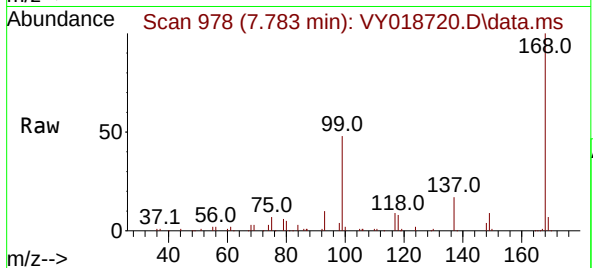




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

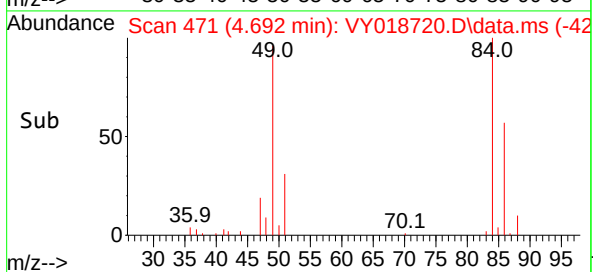
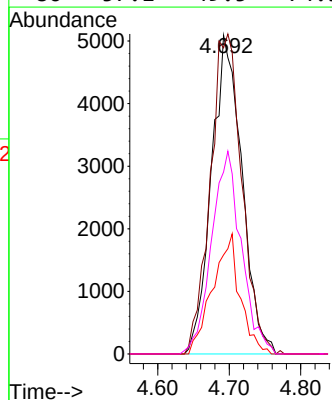
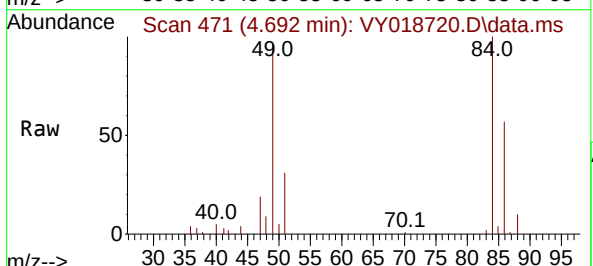
Instrument :
MSVOA_Y
ClientSampleId :
1-B-1

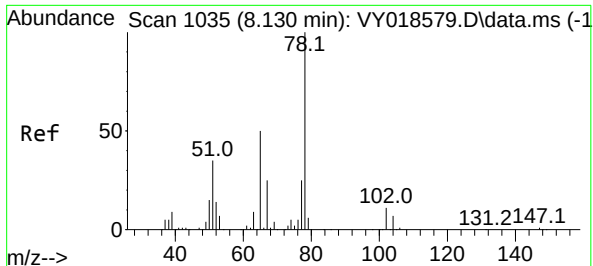
Tgt Ion:168 Resp: 91376
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#20
Methylene Chloride
Concen: 5.013 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 84 Resp: 15081
Ion Ratio Lower Upper
84 100
49 96.1 84.4 126.6
51 31.1 26.0 39.0
86 57.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.361 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018720.D

Acq: 27 Jun 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

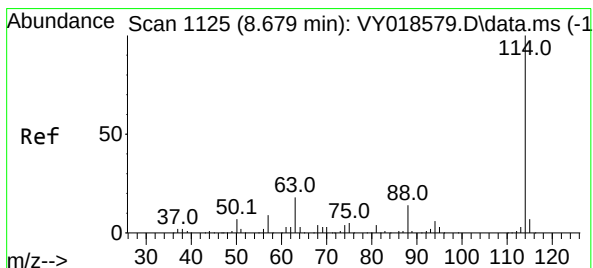
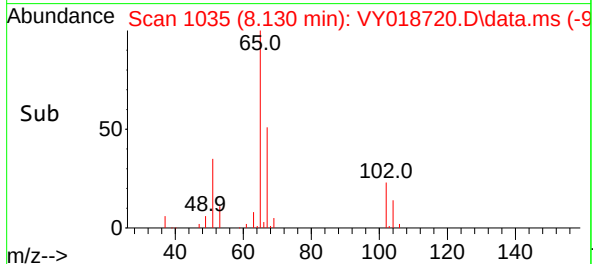
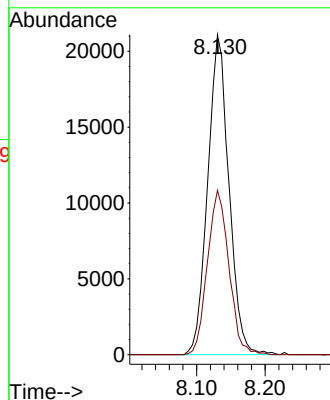
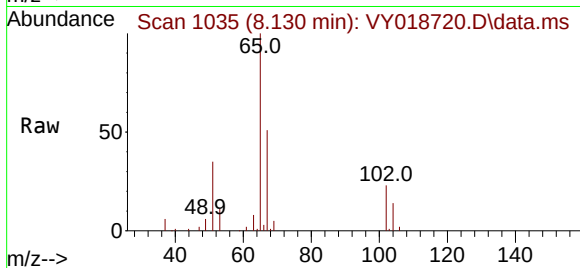
1-B-1

Tgt Ion: 65 Resp: 45410

Ion Ratio Lower Upper

65 100

67 52.0 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: VY018720.D

Acq: 27 Jun 2024 15:34

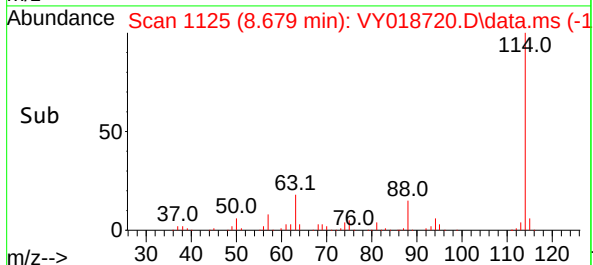
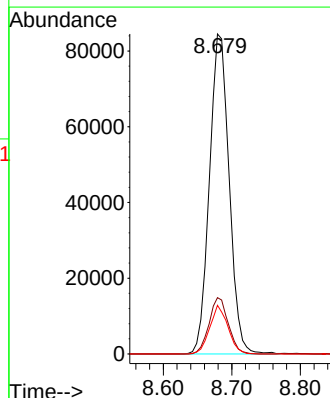
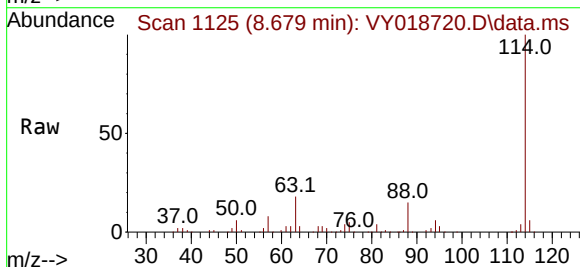
Tgt Ion: 114 Resp: 168767

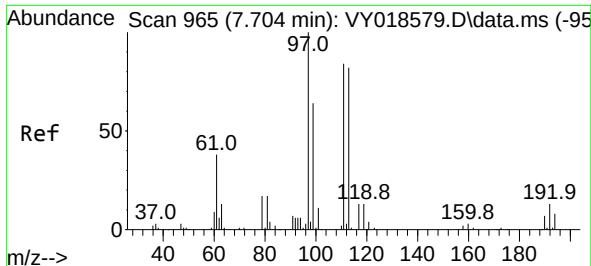
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 15.2 0.0 27.2

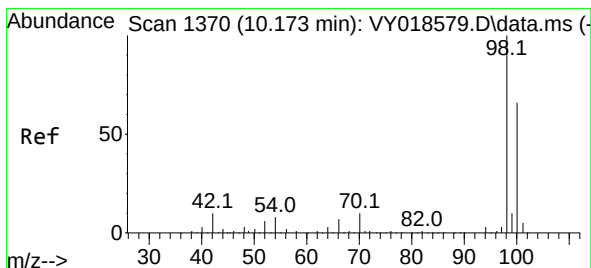
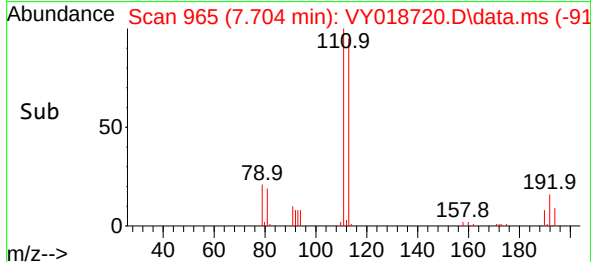
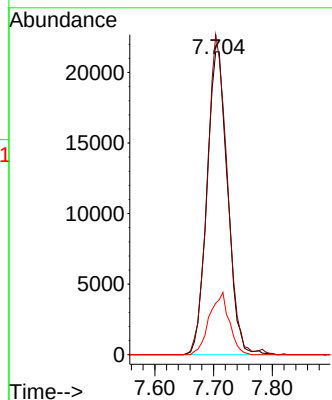
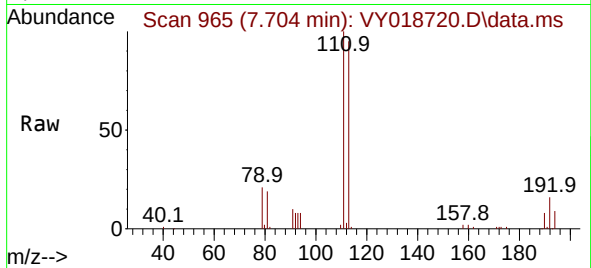




#35
Dibromofluoromethane
Concen: 51.210 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

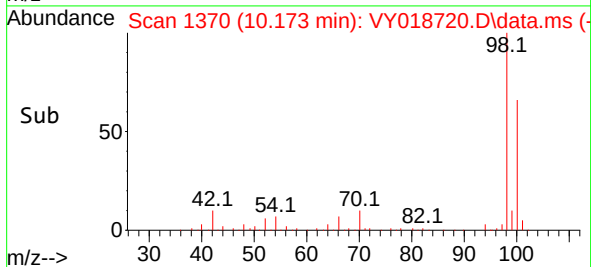
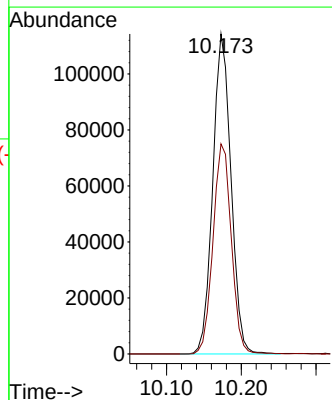
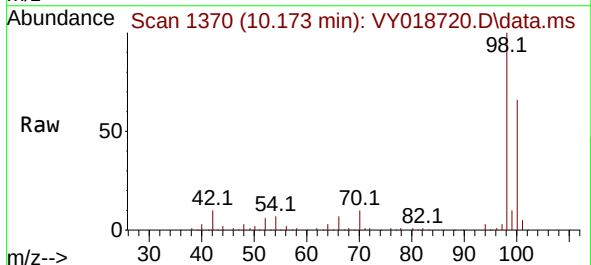
Instrument :
MSVOA_Y
ClientSampleId :
1-B-1

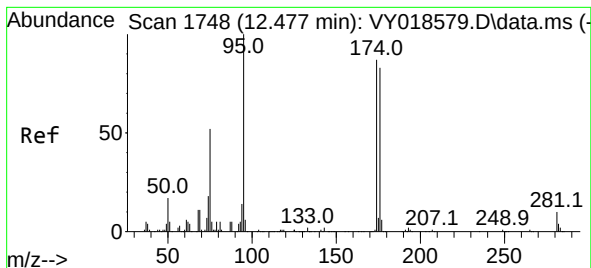
Tgt Ion:113 Resp: 52721
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 48.936 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion: 98 Resp: 193743
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.407 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018720.D

Acq: 27 Jun 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

1-B-1

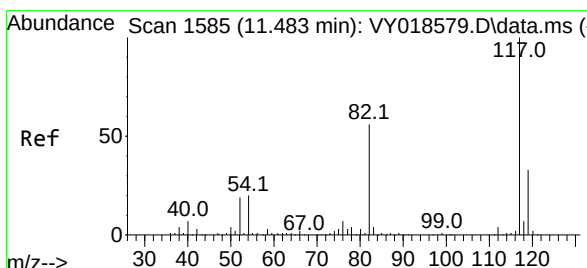
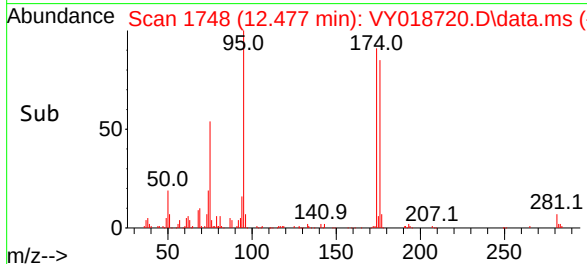
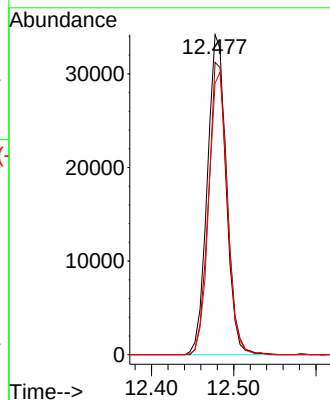
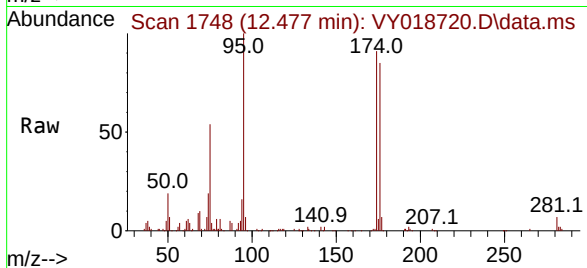
Tgt Ion: 95 Resp: 54267

Ion Ratio Lower Upper

95 100

174 92.2 0.0 175.6

176 87.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VY018720.D

Acq: 27 Jun 2024 15:34

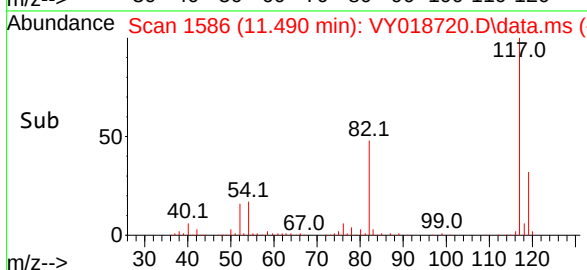
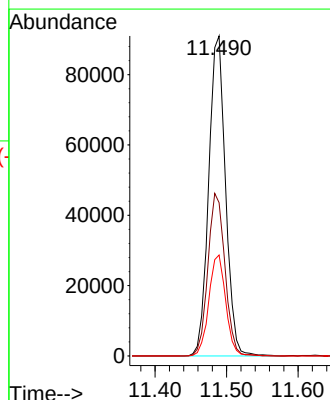
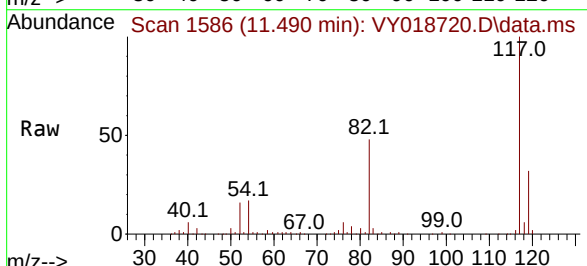
Tgt Ion: 117 Resp: 148608

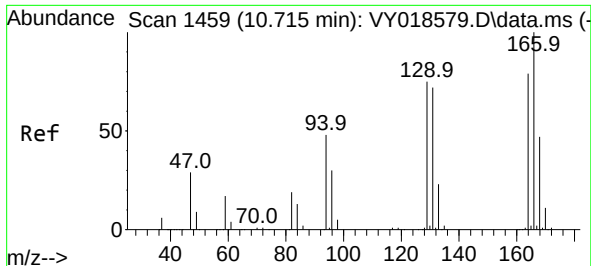
Ion Ratio Lower Upper

117 100

82 47.9 42.4 63.6

119 31.6 25.9 38.9

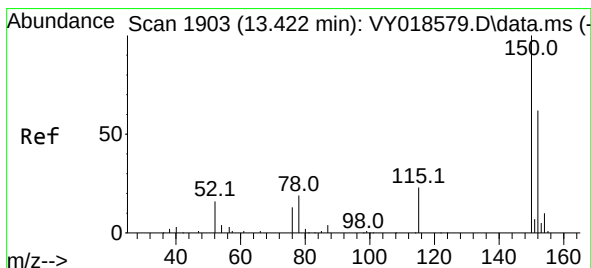
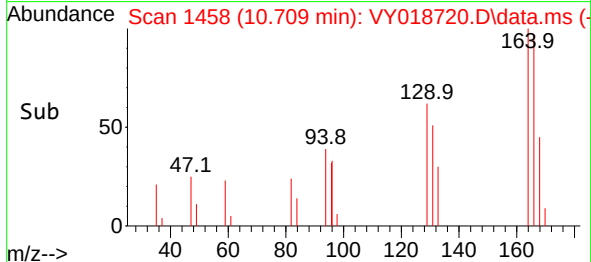
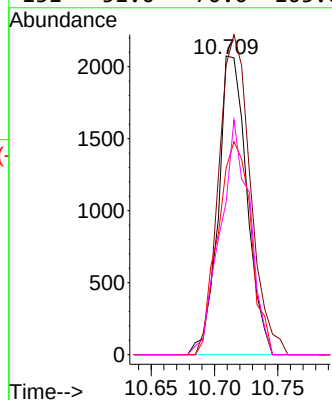
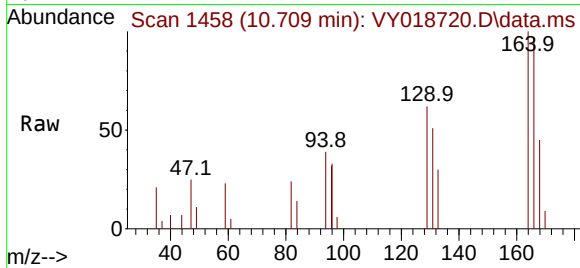




#64
Tetrachloroethene
Concen: 3.063 ug/l
RT: 10.709 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY018720.D
Acq: 27 Jun 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :
1-B-1

Tgt Ion:164 Resp: 3247
Ion Ratio Lower Upper
164 100
166 96.9 102.6 154.0#
129 62.4 72.0 108.0#
131 51.0 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: VY018720.D
Acq: 27 Jun 2024 15:34

Tgt Ion:152 Resp: 54756
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.4 0.0 345.6

