

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018718.D
 Acq On : 27 Jun 2024 14:44
 Operator : SY/MD
 Sample : P3077-04
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-W-1

Quant Time: Jun 28 03:32:54 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)

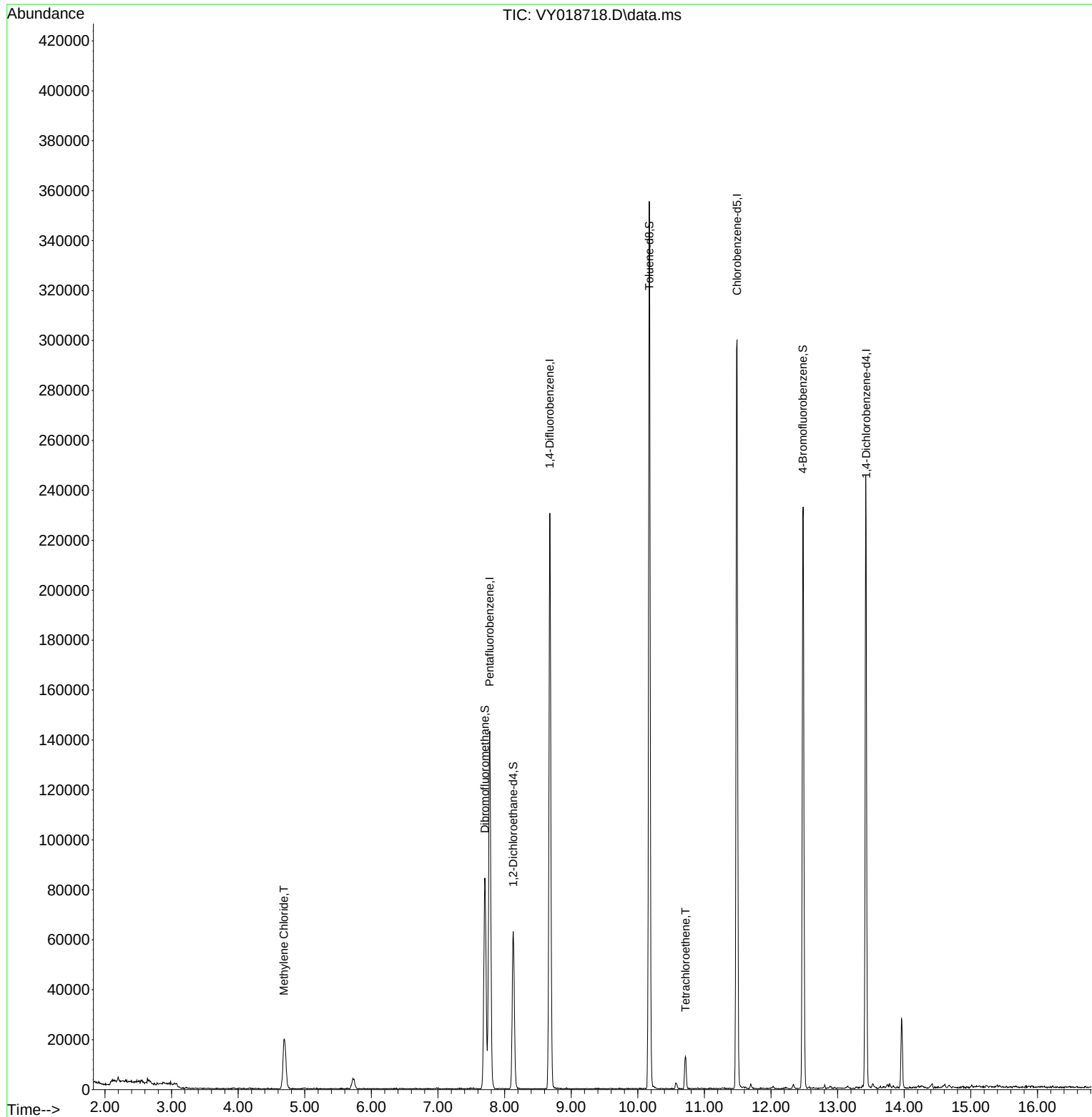
Internal Standards						
1) Pentafluorobenzene	7.777	168	114057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	206790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48614	42.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.680%
35) Dibromofluoromethane	7.704	113	60926	48.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.600%
50) Toluene-d8	10.173	98	231103	47.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.477	95	62831	41.017	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.686	84	16299	2.876	ug/l	92
64) Tetrachloroethene	10.715	164	3161	2.504	ug/l #	88

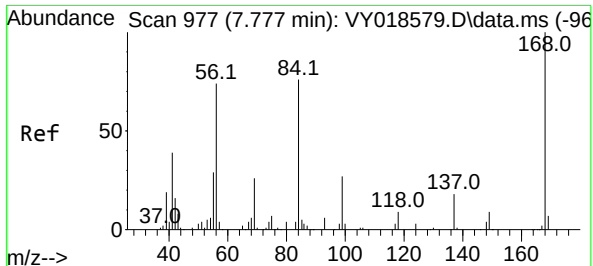
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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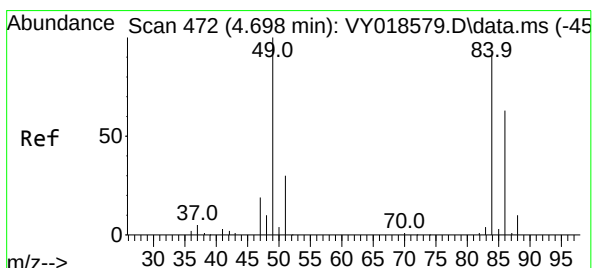
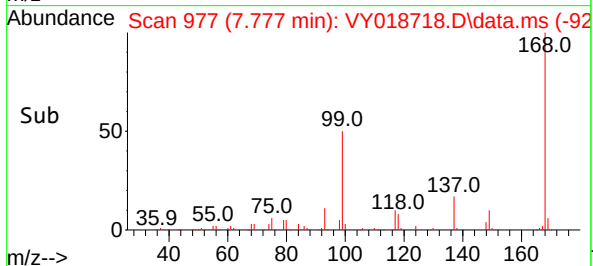
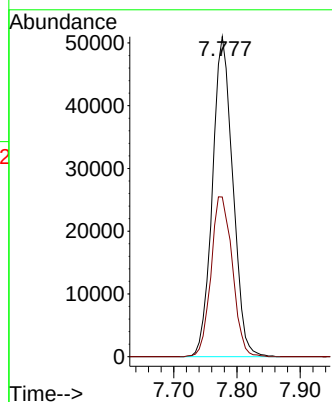
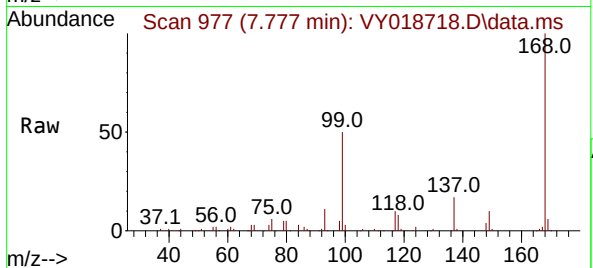




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

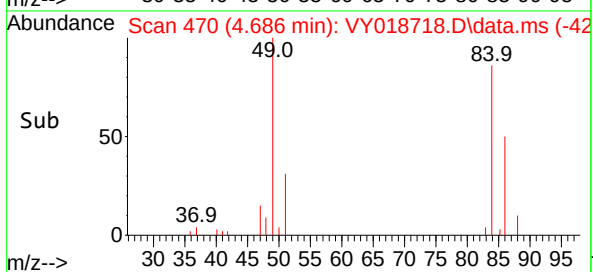
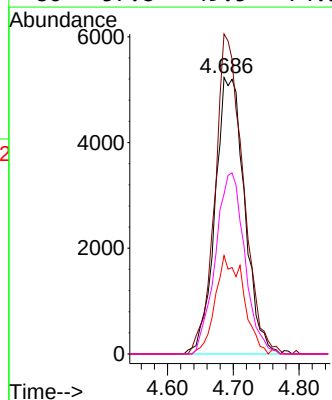
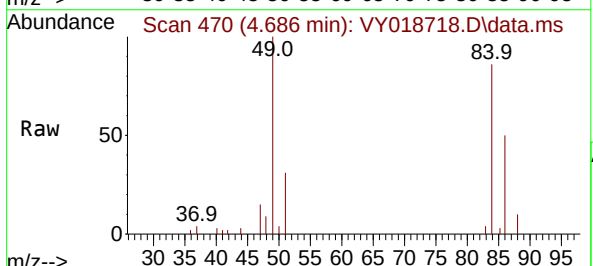
Instrument :
MSVOA_Y
ClientSampleId :
1-W-1

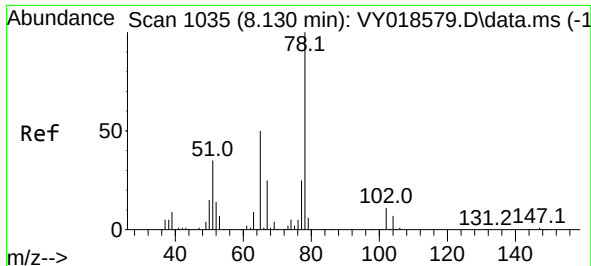
Tgt Ion:168 Resp: 114057
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#20
Methylene Chloride
Concen: 2.876 ug/l
RT: 4.686 min Scan# 470
Delta R.T. -0.012 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 84 Resp: 16299
Ion Ratio Lower Upper
84 100
49 115.8 84.4 126.6
51 35.6 26.0 39.0
86 57.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 42.335 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018718.D

Acq: 27 Jun 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

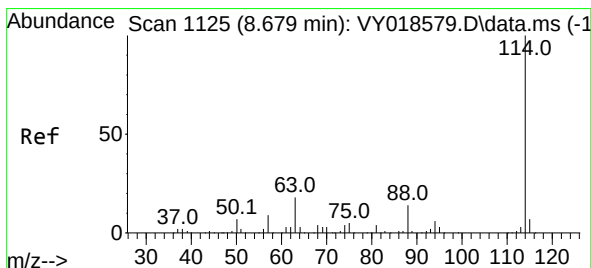
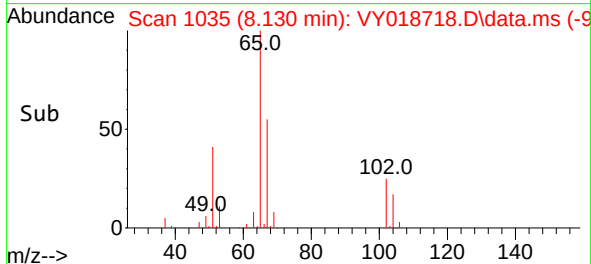
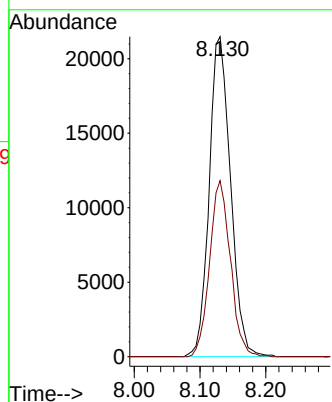
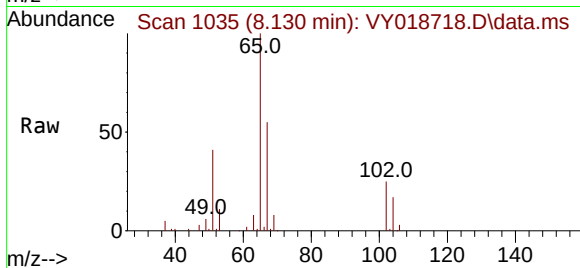
1-W-1

Tgt Ion: 65 Resp: 48614

Ion Ratio Lower Upper

65 100

67 53.6 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: VY018718.D

Acq: 27 Jun 2024 14:44

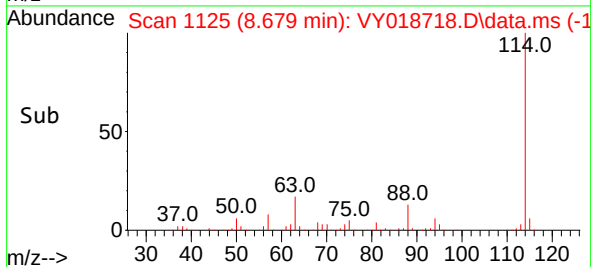
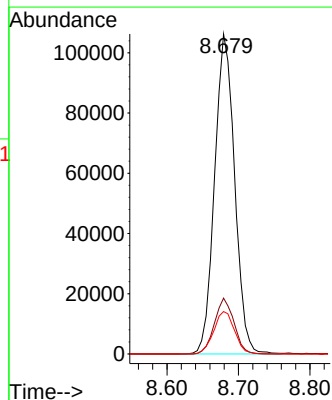
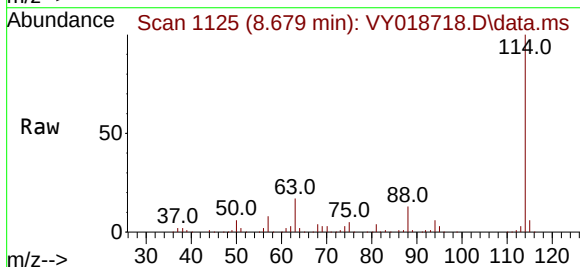
Tgt Ion: 114 Resp: 206790

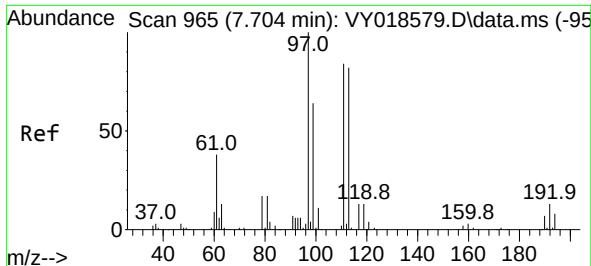
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.2 0.0 27.2

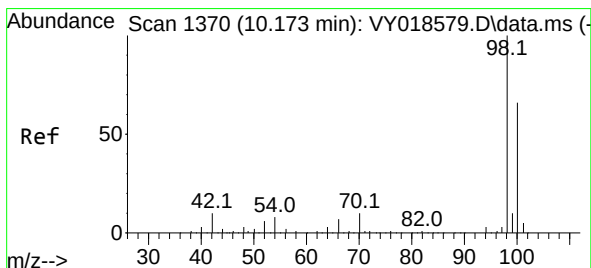
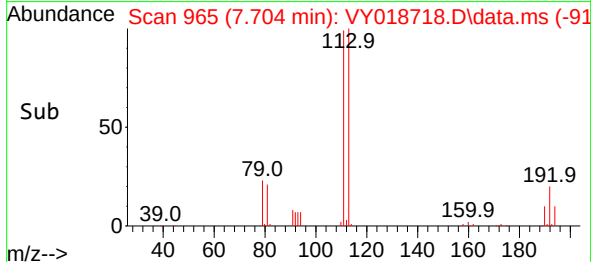
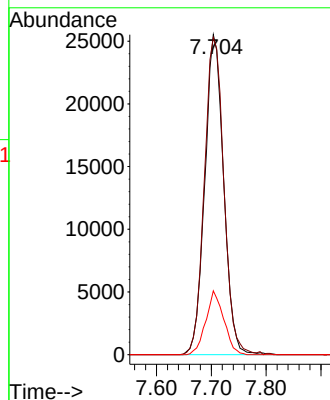
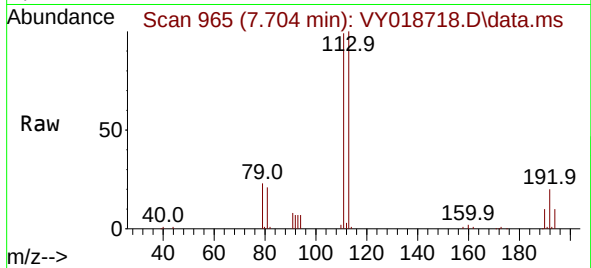




#35
Dibromofluoromethane
Concen: 48.298 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

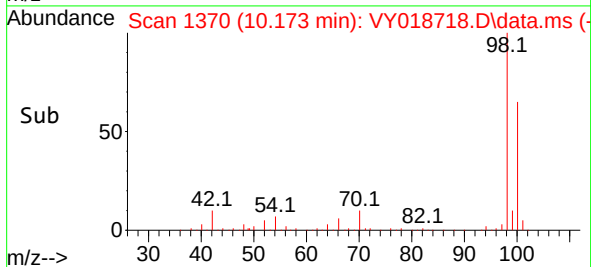
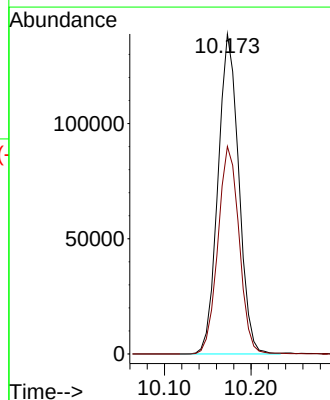
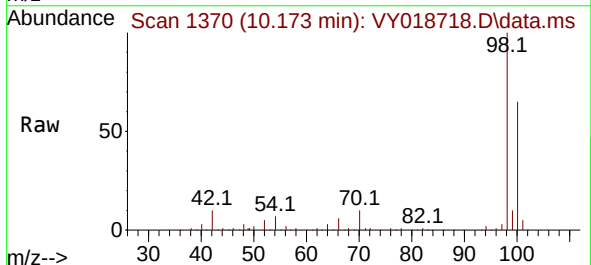
Instrument :
MSVOA_Y
ClientSampleId :
1-W-1

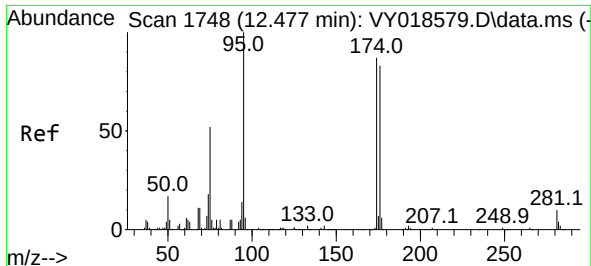
Tgt Ion:113 Resp: 60926
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.0 15.9 23.9



#50
Toluene-d8
Concen: 47.639 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 98 Resp: 231103
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

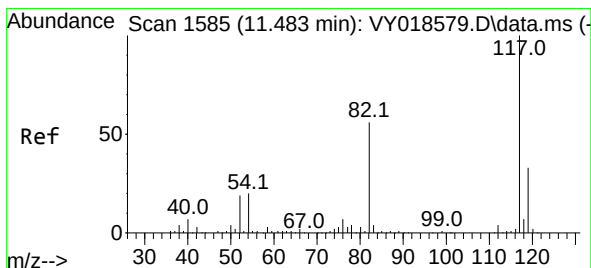
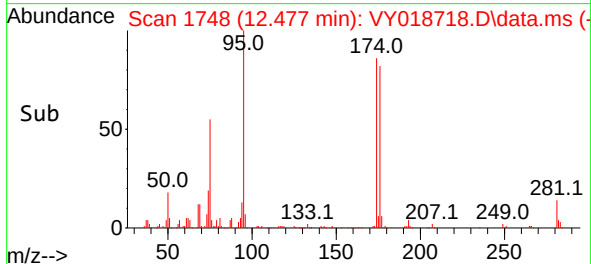
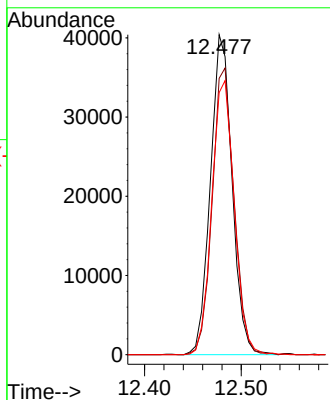
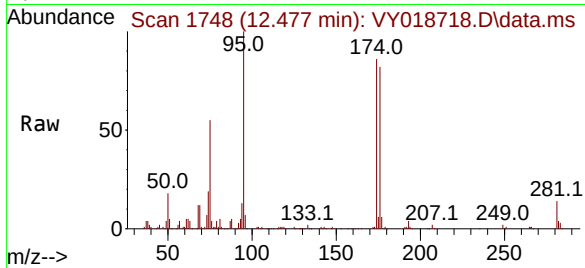




#62
4-Bromofluorobenzene
Concen: 41.017 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

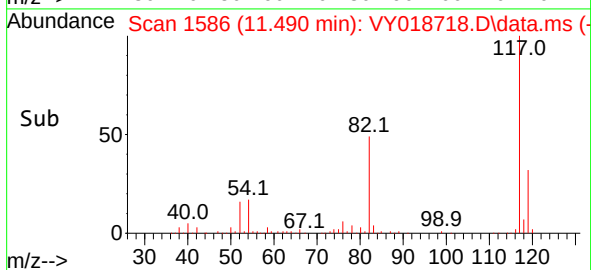
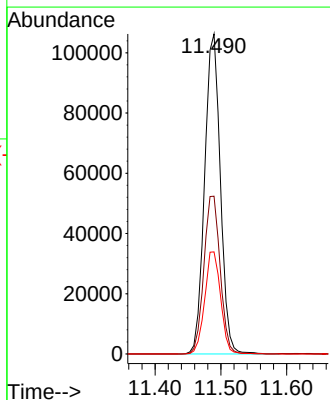
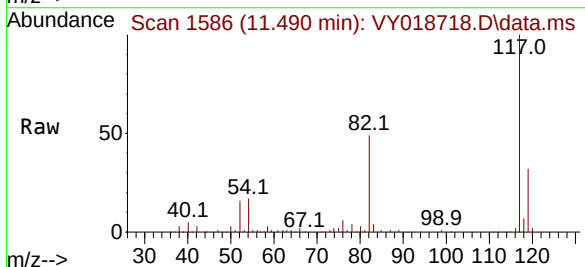
Instrument :
MSVOA_Y
ClientSampleId :
1-W-1

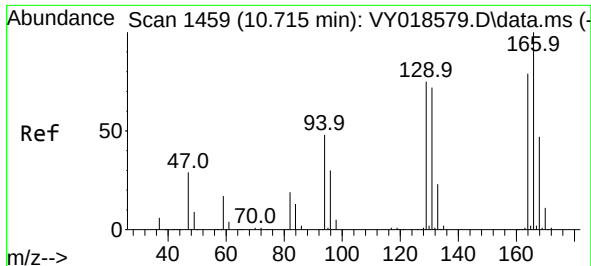
Tgt Ion: 95 Resp: 62831
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 88.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion: 117 Resp: 177021
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 31.9 25.9 38.9

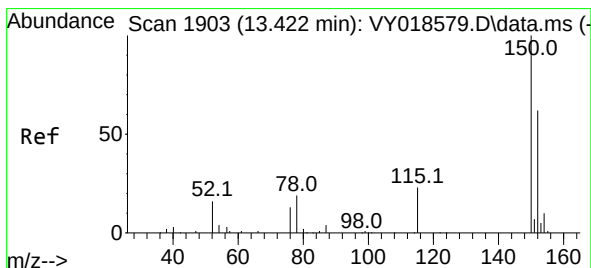
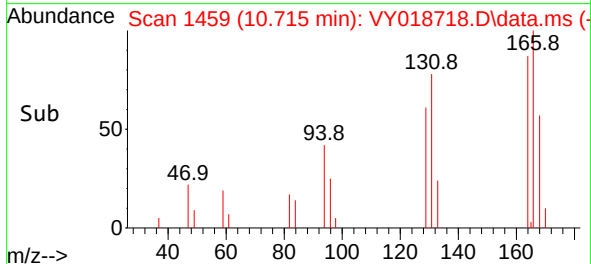
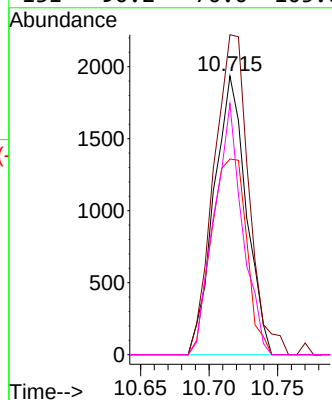
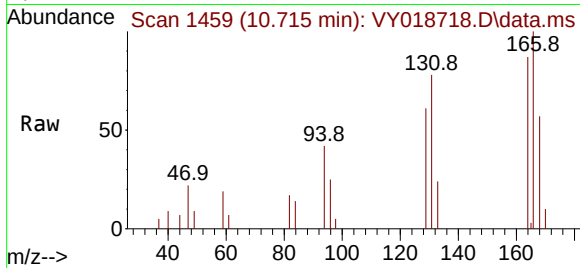




#64
Tetrachloroethene
Concen: 2.504 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :
1-W-1

Tgt Ion:164 Resp: 3161
Ion Ratio Lower Upper
164 100
166 114.9 102.6 154.0
129 70.3 72.0 108.0#
131 90.2 70.0 105.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018718.D
Acq: 27 Jun 2024 14:44

Tgt Ion:152 Resp: 62522
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.3 0.0 345.6

