

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 :
 7-B-1

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)

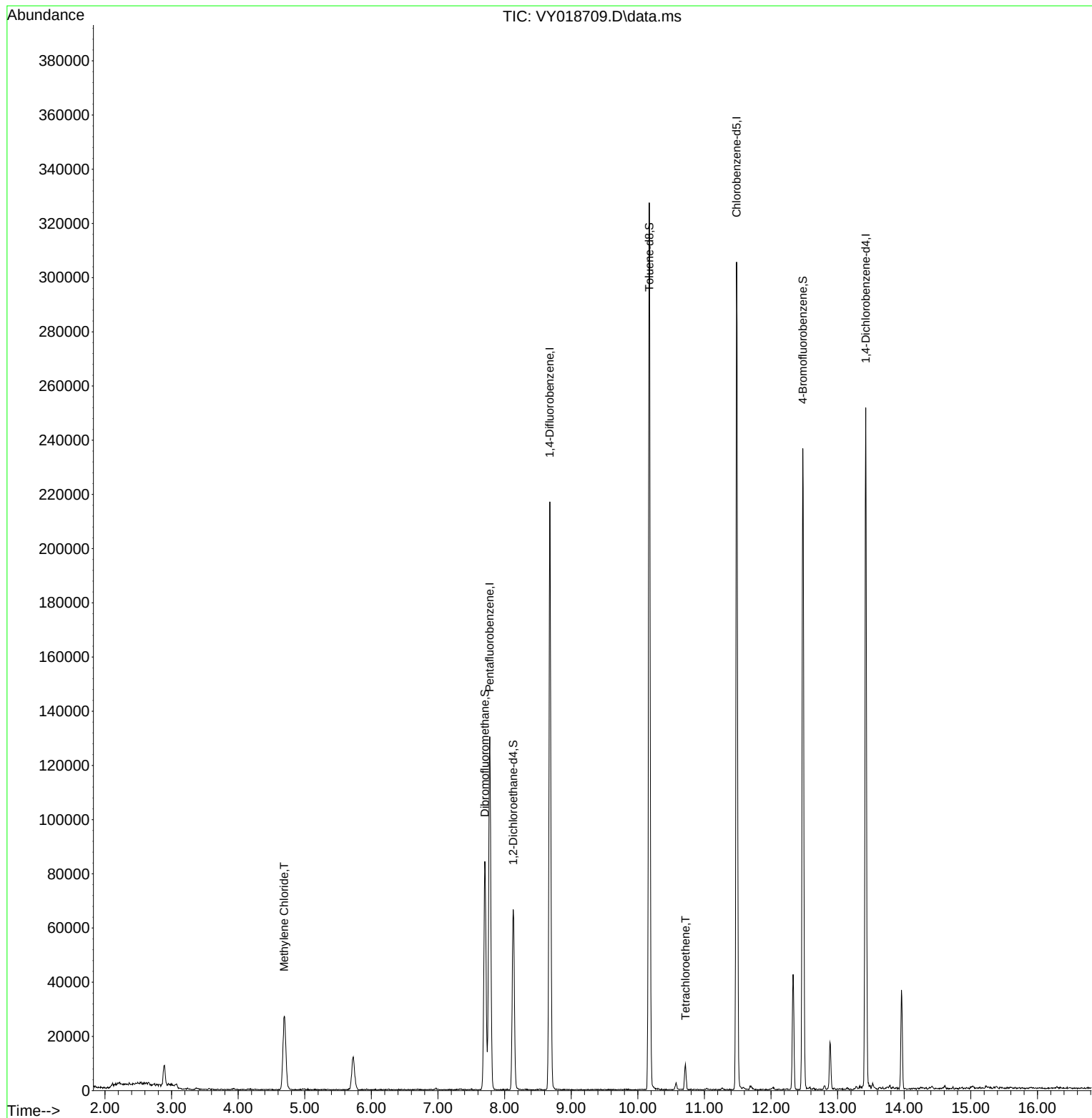
Internal Standards						
1) Pentafluorobenzene	7.777	168	104471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	188524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	172995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
20) Methylene Chloride	4.692	84	22245	9.634	ug/l	96
64) Tetrachloroethene	10.715	164	1974	1.600	ug/l #	72

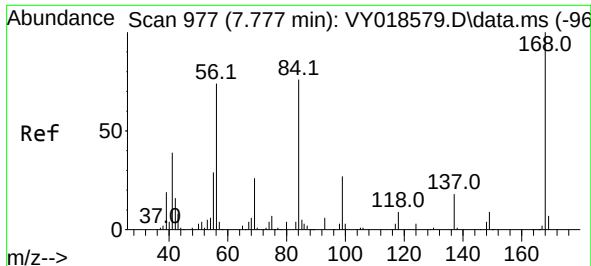
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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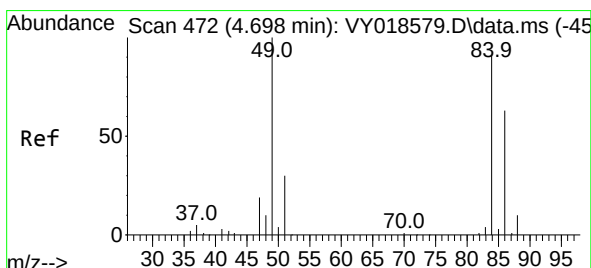
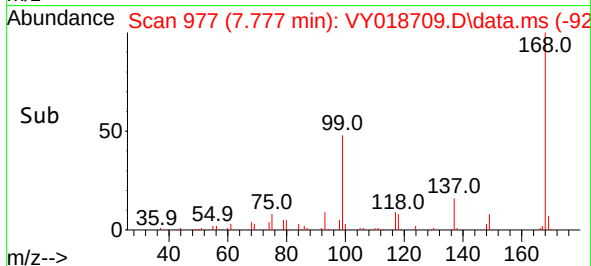
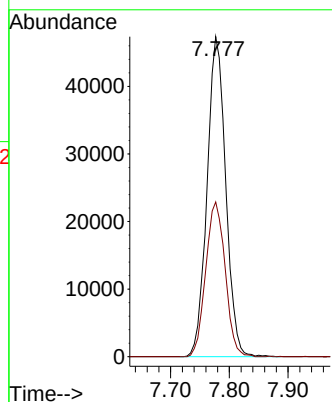
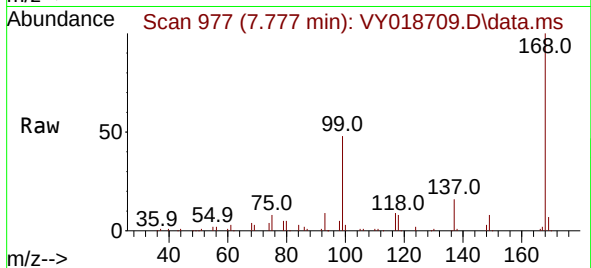




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

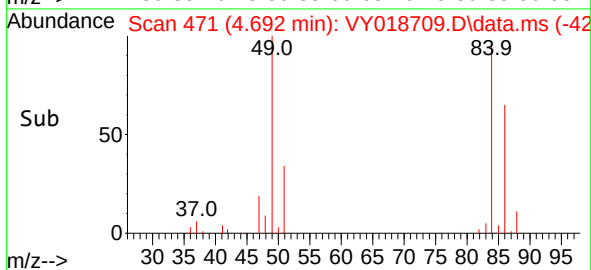
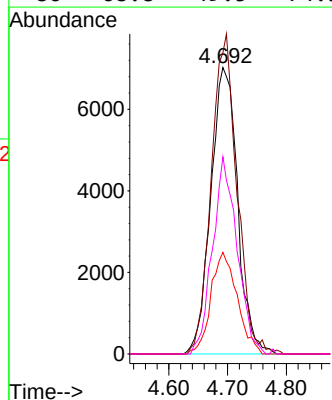
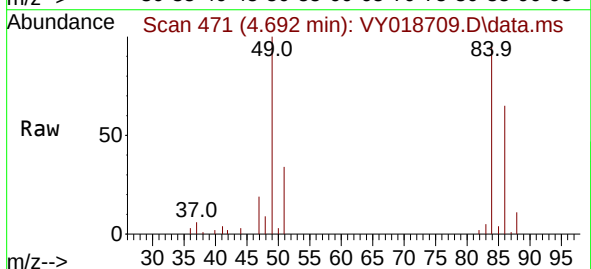
Instrument :
MSVOA_Y
ClientSampleId :
7-B-1

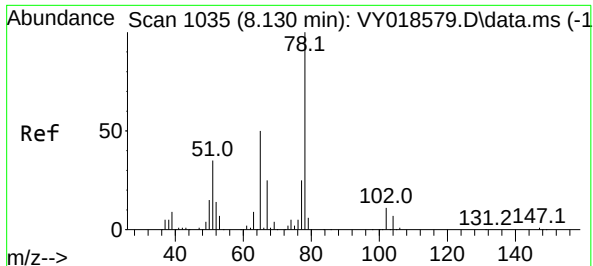
Tgt Ion:168 Resp: 104471
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#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





#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

Instrument :

MSVOA_Y

ClientSampleId :

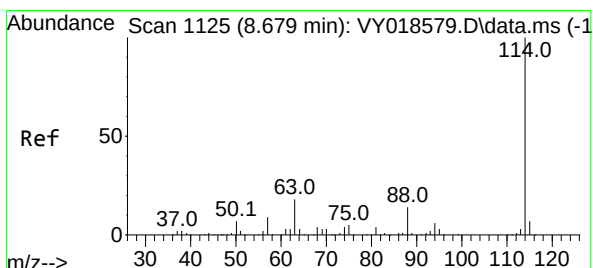
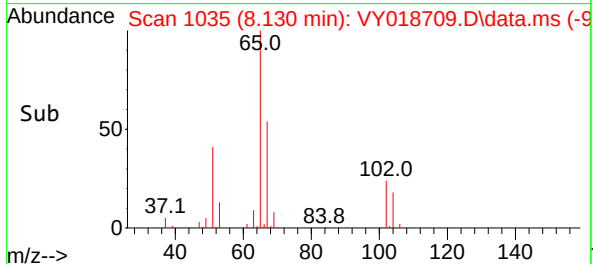
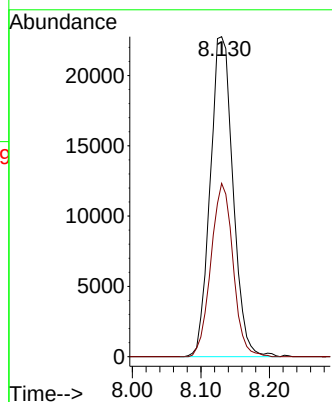
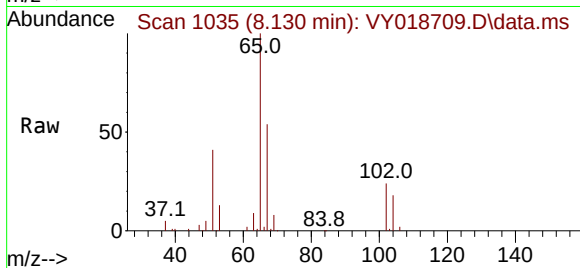
7-B-1

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

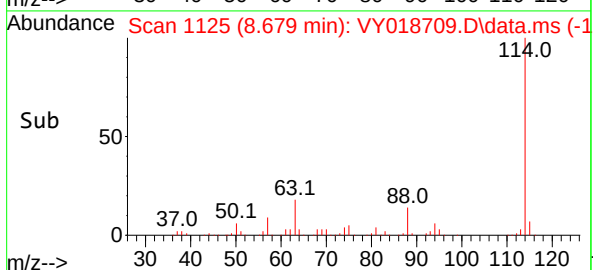
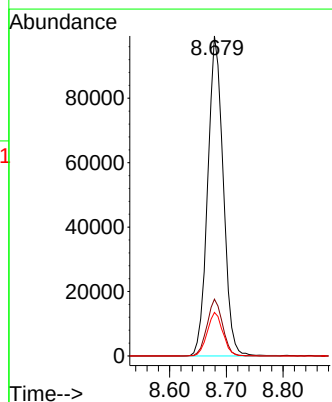
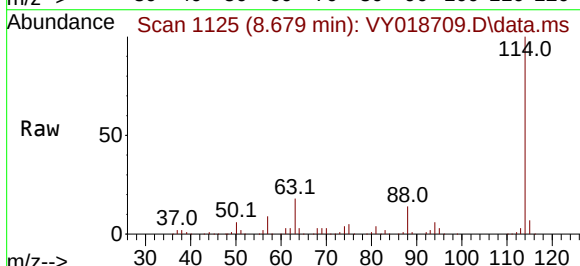
Tgt Ion:114 Resp: 188524

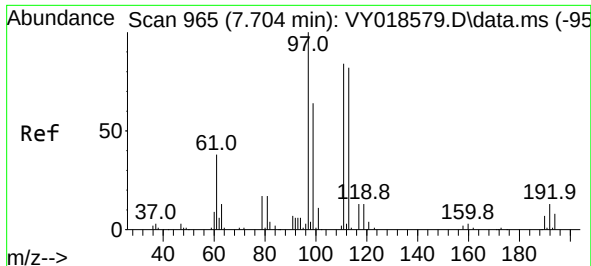
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.6 0.0 27.2

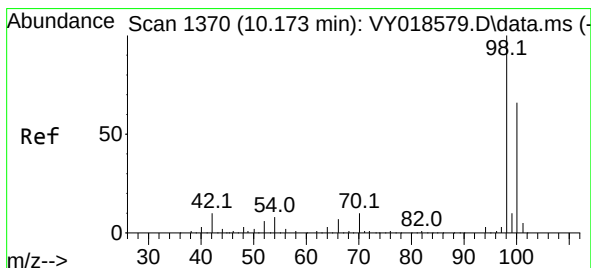
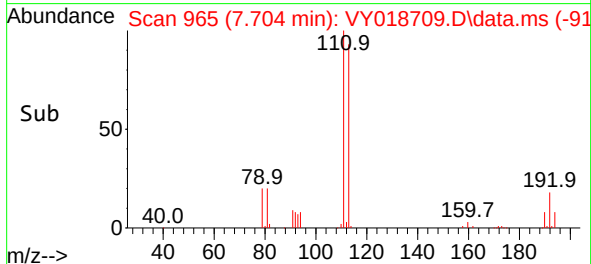
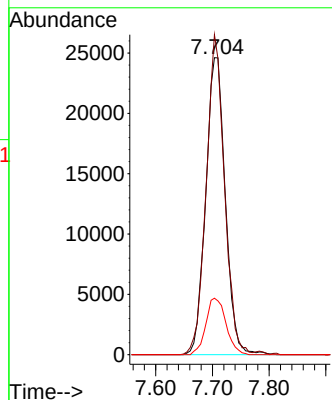
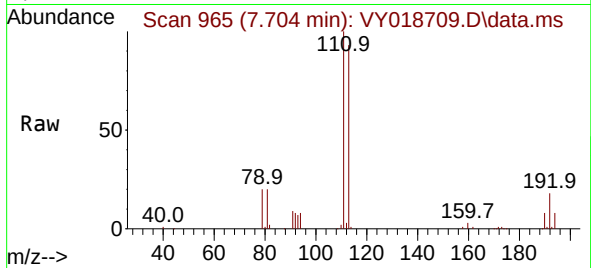




#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

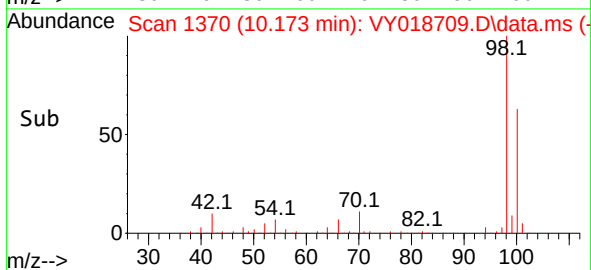
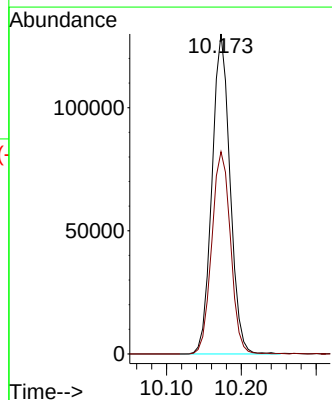
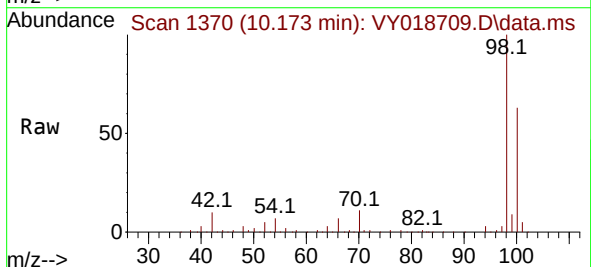
Instrument :
MSVOA_Y
ClientSampleId :
7-B-1

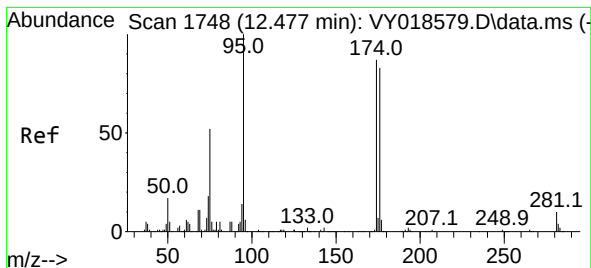
Tgt Ion:113 Resp: 59086
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

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

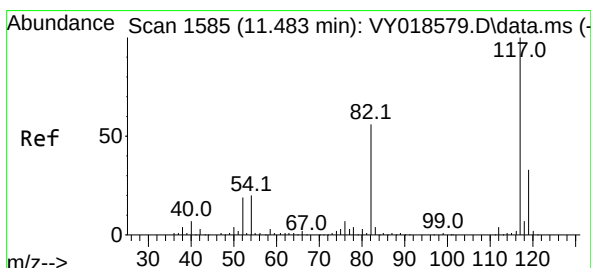
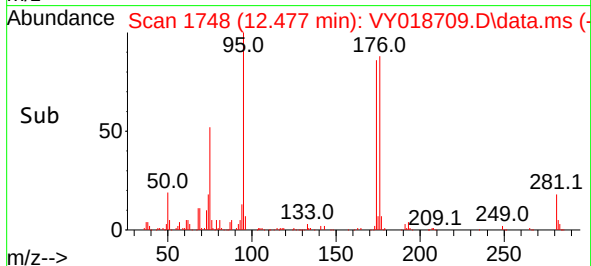
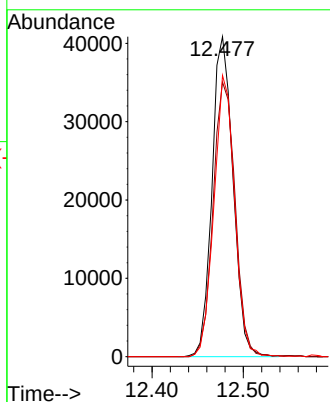
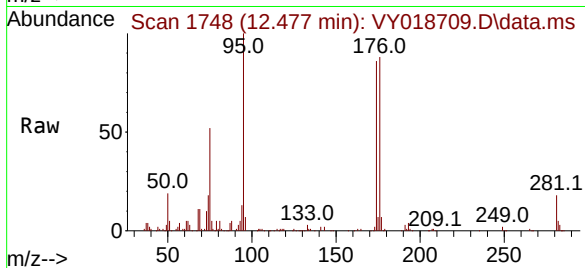




#62
4-Bromofluorobenzene
Concen: 46.710 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

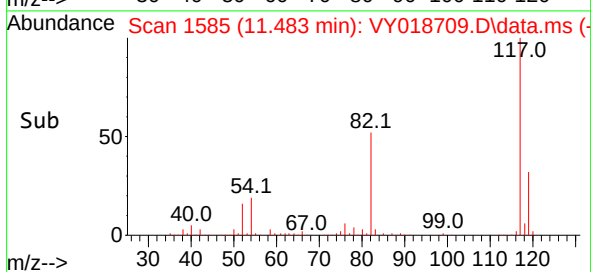
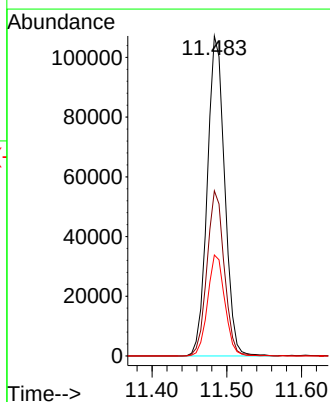
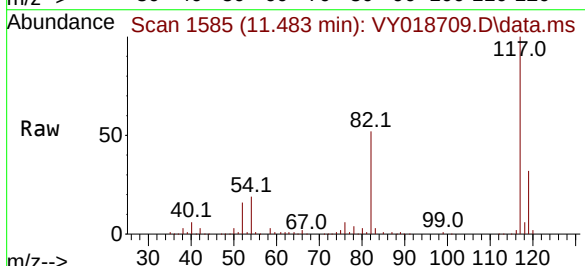
Instrument :
MSVOA_Y
ClientSampleId :
7-B-1

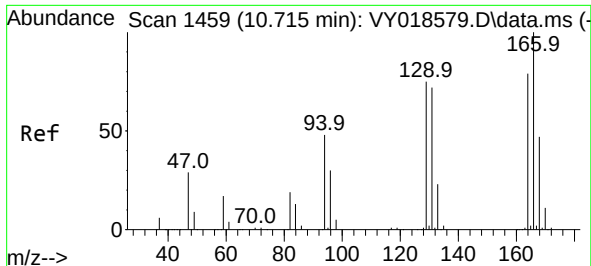
Tgt Ion:	95	Resp:	65232
Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	175.6
176	86.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

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

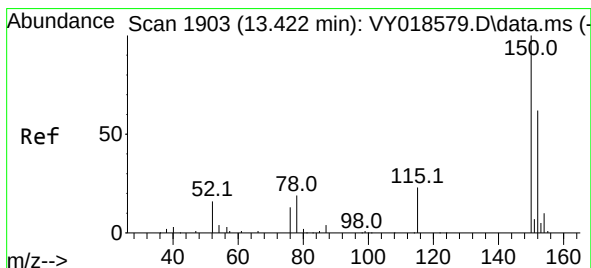
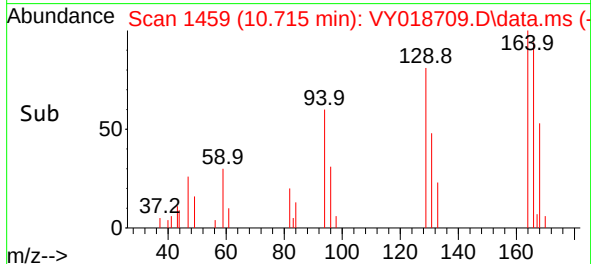
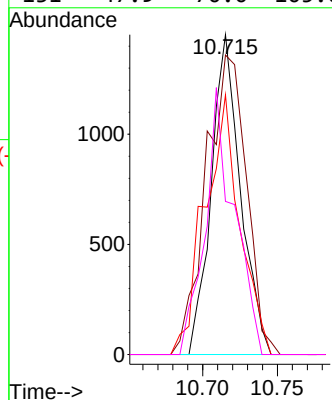
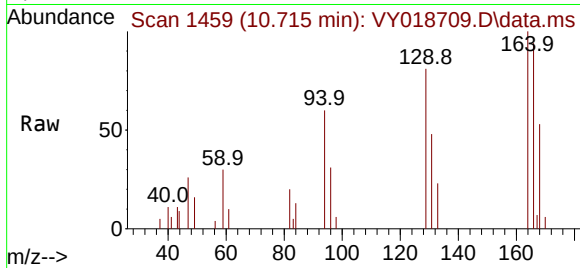




#64
Tetrachloroethene
Concen: 1.600 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018709.D
Acq: 26 Jun 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :
7-B-1

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

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

