

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018614.D
 Acq On : 17 Jun 2024 17:14
 Operator : SY/MD
 Sample : P2885-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-061424

Quant Time: Jun 18 01:26:22 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)

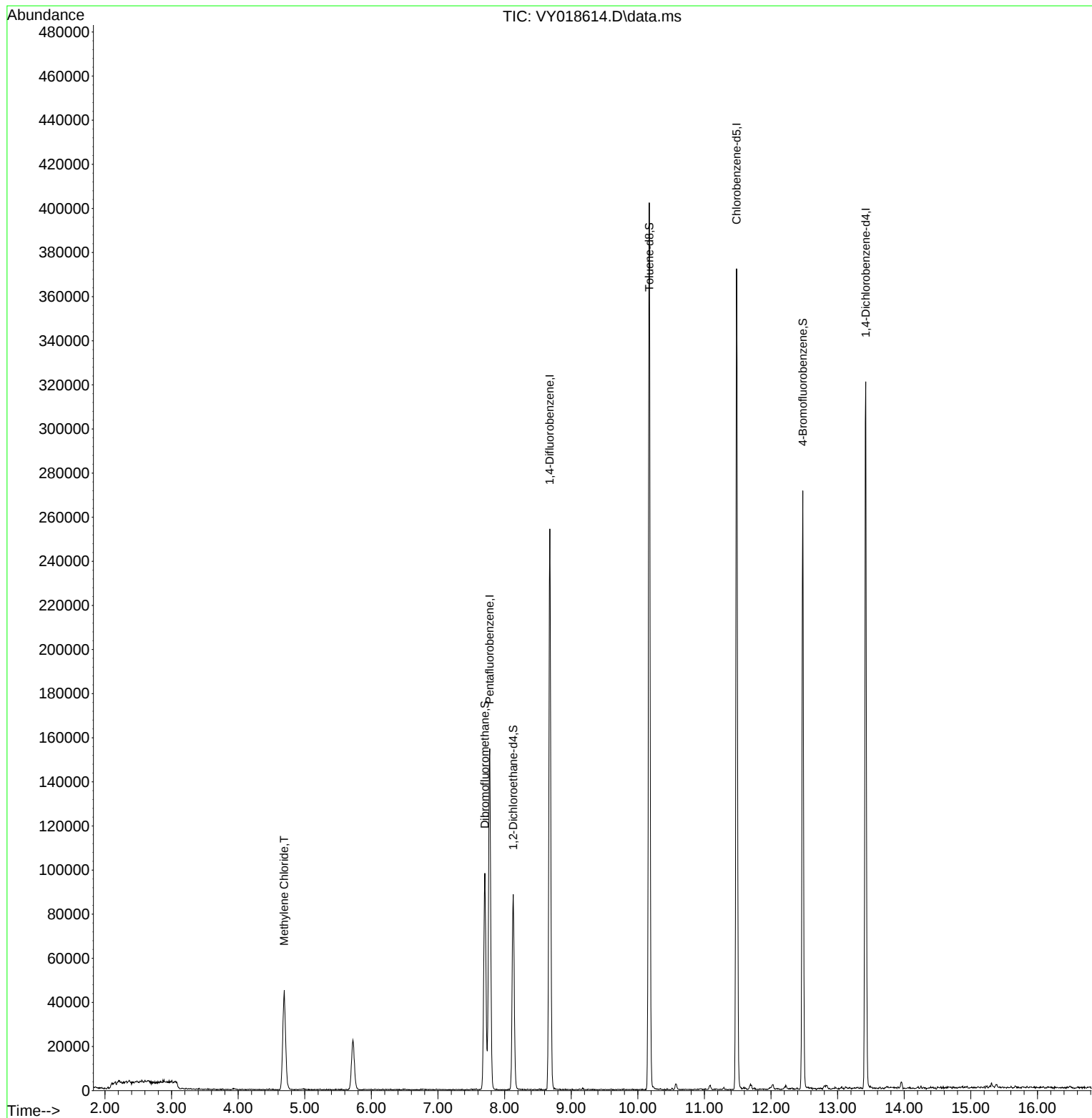
Internal Standards						
1) Pentafluorobenzene	7.777	168	114677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	218374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	199378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65803	56.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.980%
35) Dibromofluoromethane	7.704	113	67817	50.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.173	98	265493	51.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.477	95	78291	48.398	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.800%
Target Compounds						Qvalue
20) Methylene Chloride	4.692	84	33036	16.887	ug/l	# 91

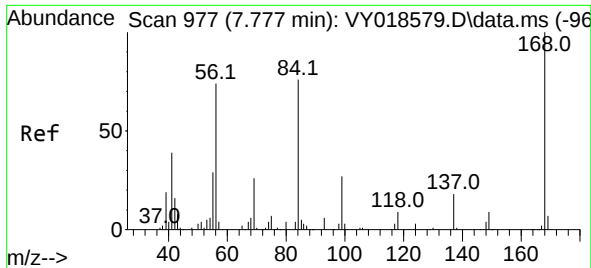
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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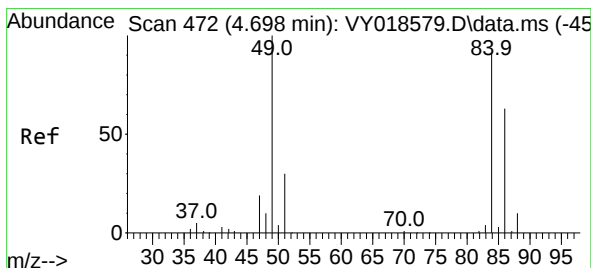
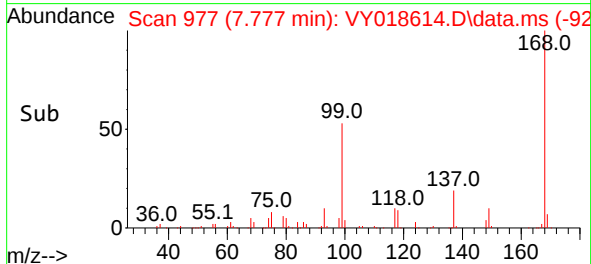
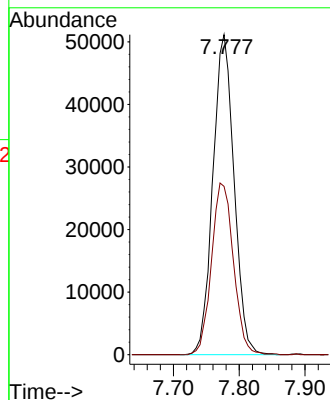
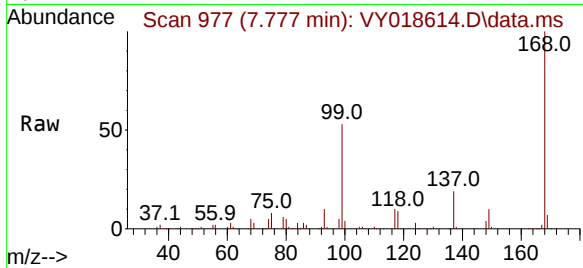




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018614.D
Acq: 17 Jun 2024 17:14

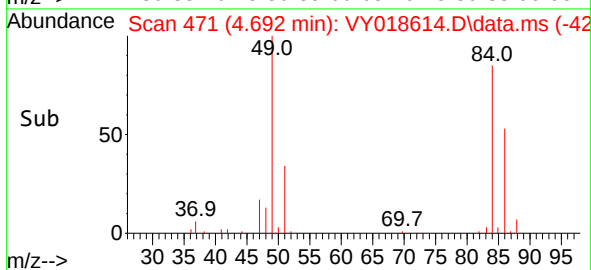
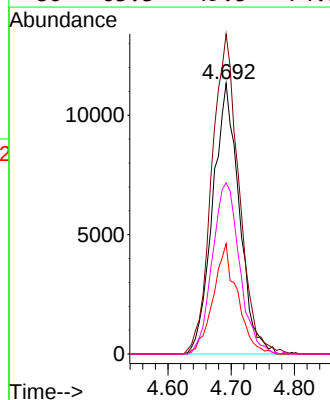
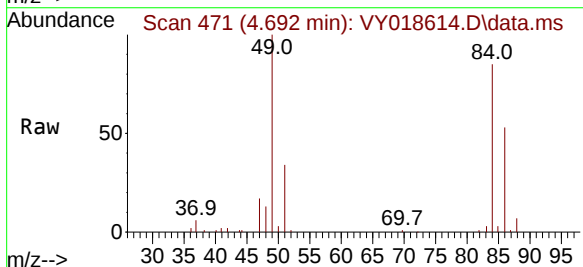
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-061424

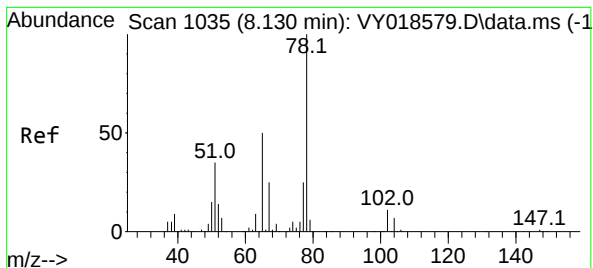
Tgt Ion:168 Resp: 114677
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#20
Methylene Chloride
Concen: 16.887 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018614.D
Acq: 17 Jun 2024 17:14

Tgt Ion: 84 Resp: 33036
Ion Ratio Lower Upper
84 100
49 118.3 84.4 126.6
51 40.8 26.0 39.0#
86 63.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.994 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018614.D

Acq: 17 Jun 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

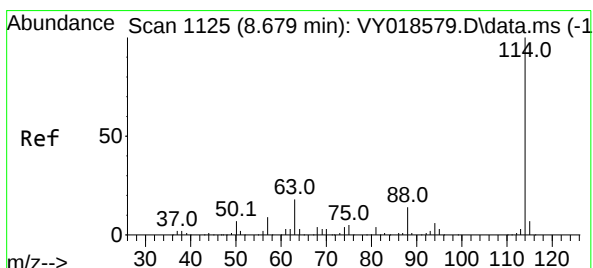
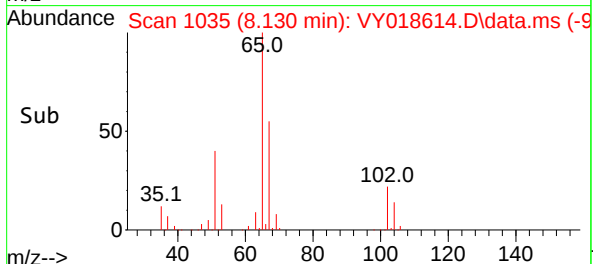
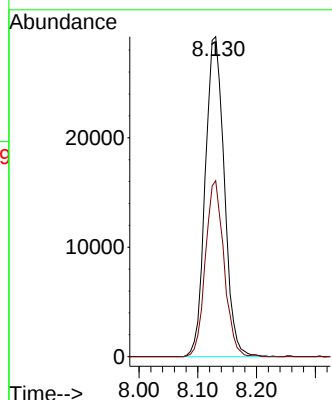
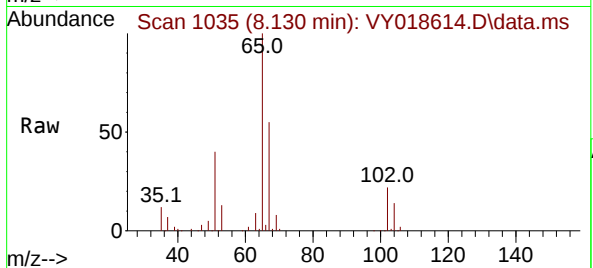
CL-02-061424

Tgt Ion: 65 Resp: 65803

Ion Ratio Lower Upper

65 100

67 53.8 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: VY018614.D

Acq: 17 Jun 2024 17:14

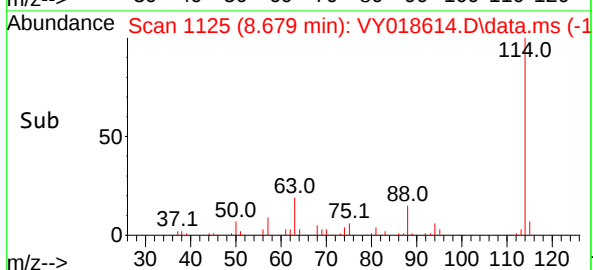
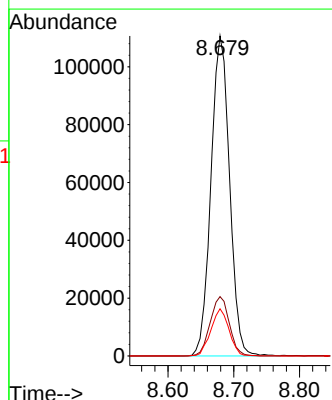
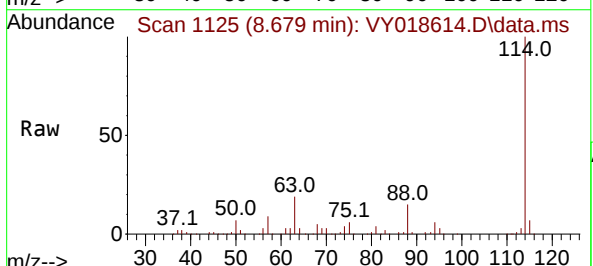
Tgt Ion: 114 Resp: 218374

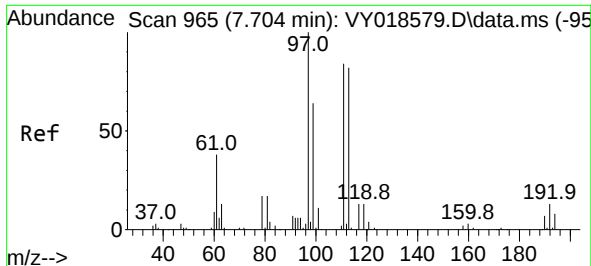
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.8 0.0 27.2

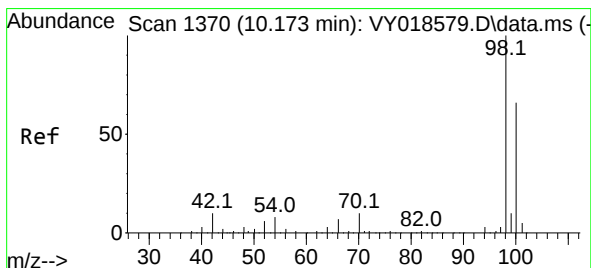
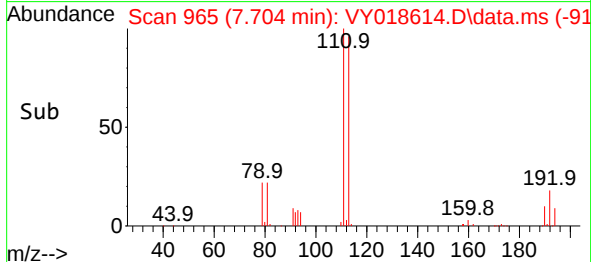
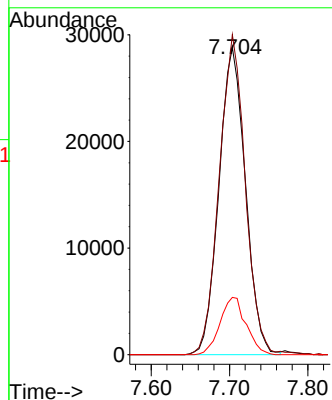
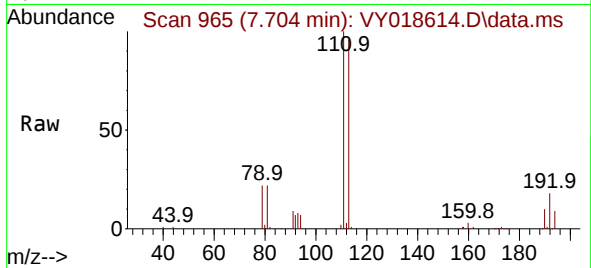




#35
Dibromofluoromethane
Concen: 50.909 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018614.D
Acq: 17 Jun 2024 17:14

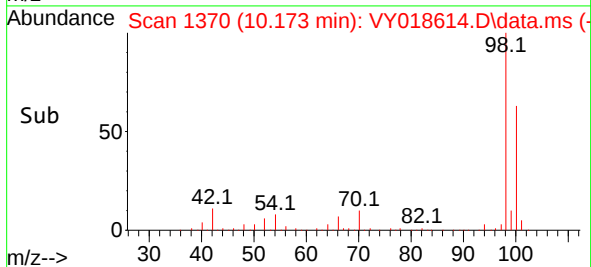
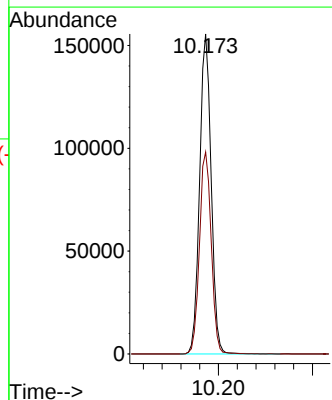
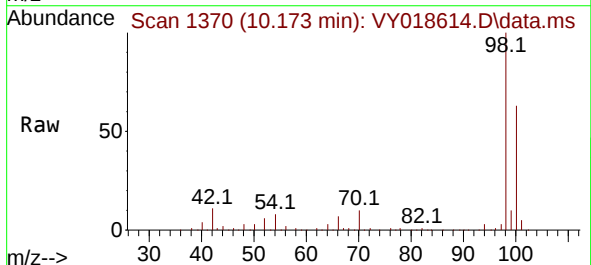
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-061424

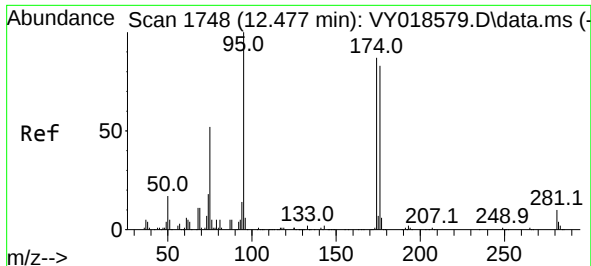
Tgt Ion:113 Resp: 67817
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.3 15.9 23.9



#50
Toluene-d8
Concen: 51.825 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018614.D
Acq: 17 Jun 2024 17:14

Tgt Ion: 98 Resp: 265493
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

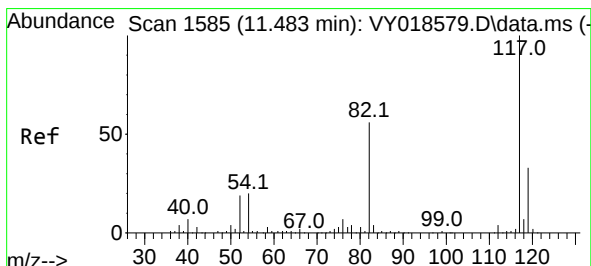
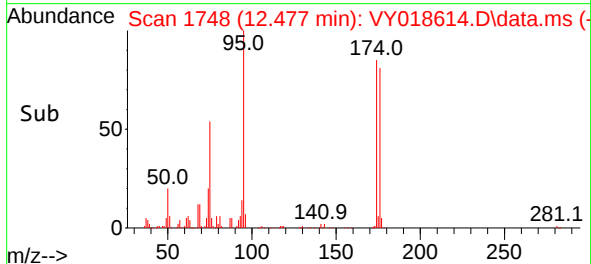
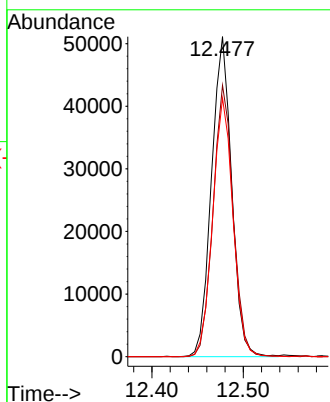
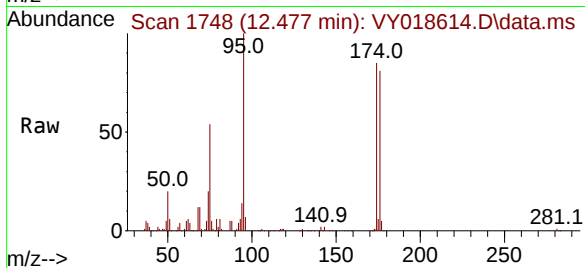




#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018614.D
Acq: 17 Jun 2024 17:14

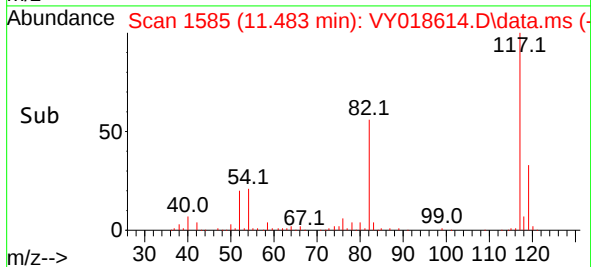
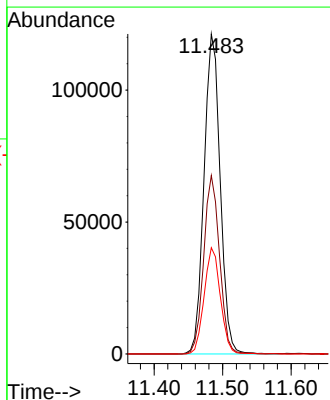
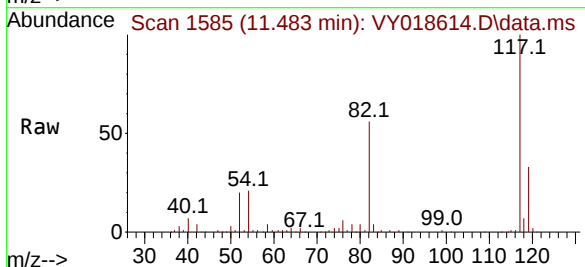
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-061424

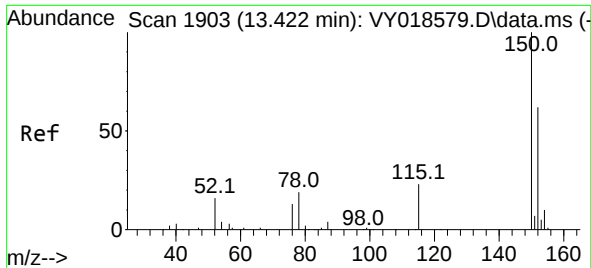
Tgt Ion: 95 Resp: 78291
Ion Ratio Lower Upper
95 100
174 84.5 0.0 175.6
176 81.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018614.D
Acq: 17 Jun 2024 17:14

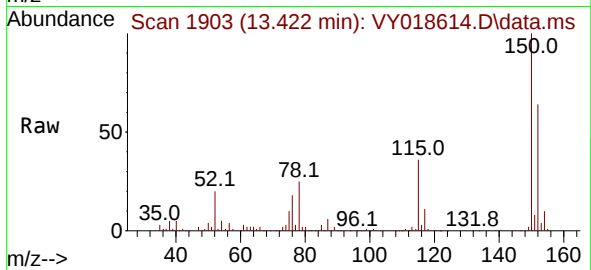
Tgt Ion: 117 Resp: 199378
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 33.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018614.D
 Acq: 17 Jun 2024 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-061424



Tgt Ion:	152	Resp:	78192
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	159.8	0.0	345.6

