

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018071.D
 Acq On : 29 Apr 2024 16:19
 Operator : SY/MD
 Sample : P2310-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-042924

Quant Time: Apr 30 01:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

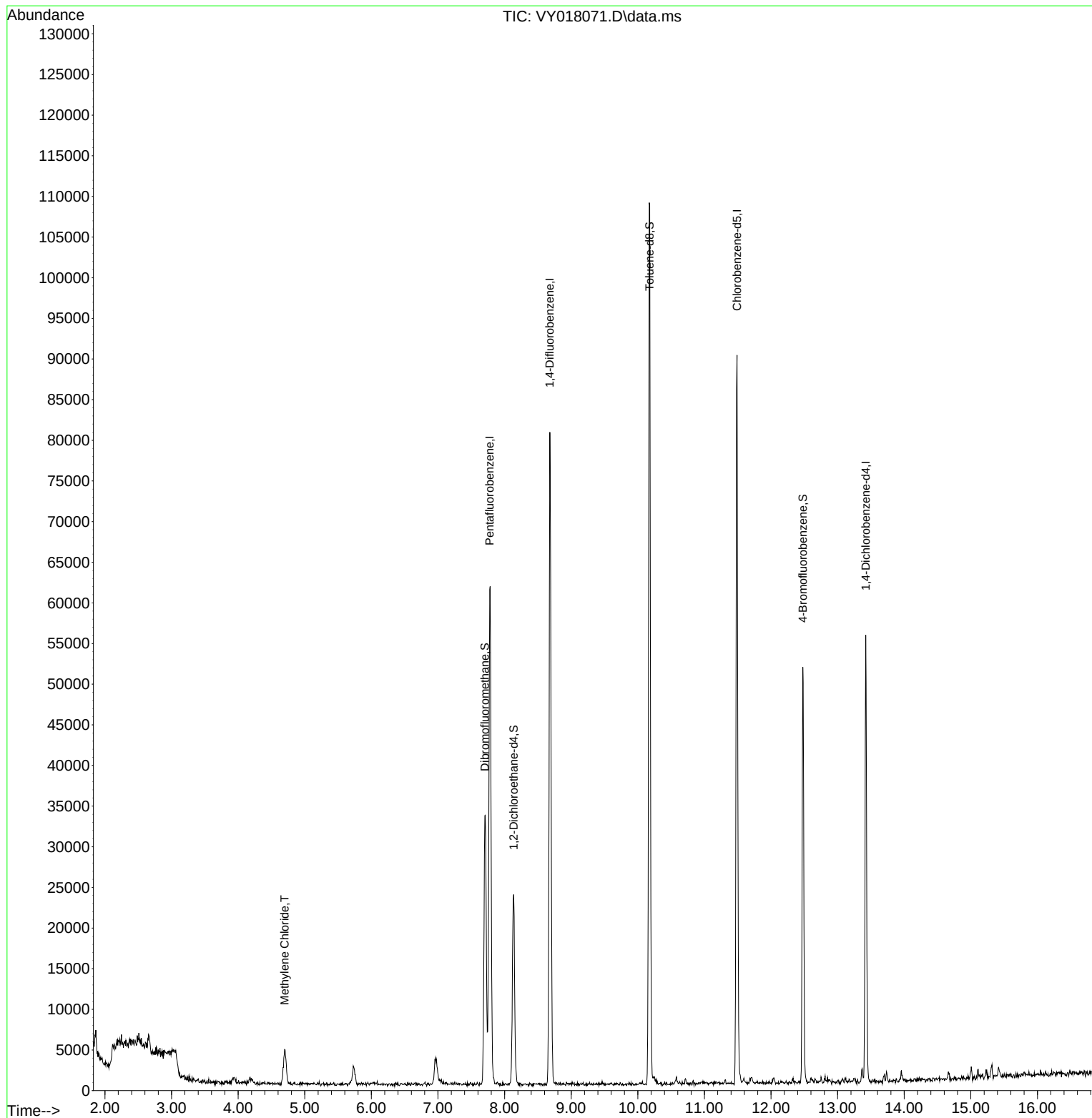
Internal Standards						
1) Pentafluorobenzene	7.777	168	51581	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	74136	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	56743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17878	40.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.100%
35) Dibromofluoromethane	7.704	113	25754	56.308	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.179	98	79608	45.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.477	95	15977	29.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.460%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	3784	6.333	ug/l #	89

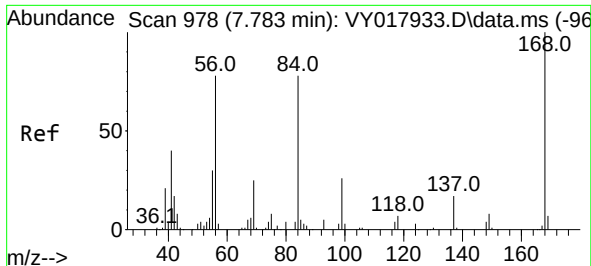
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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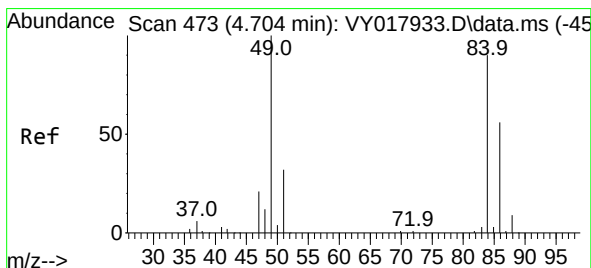
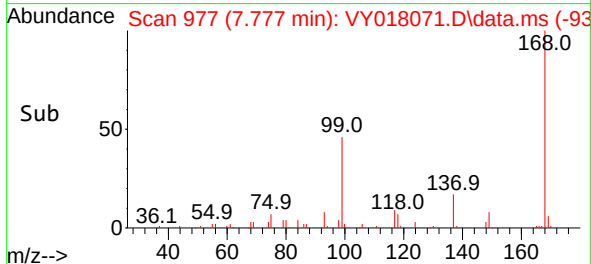
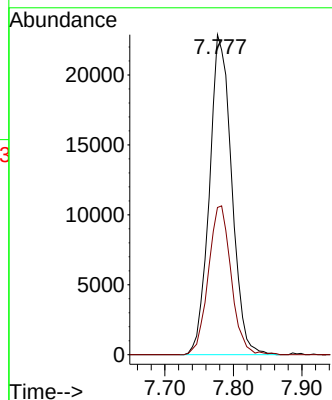
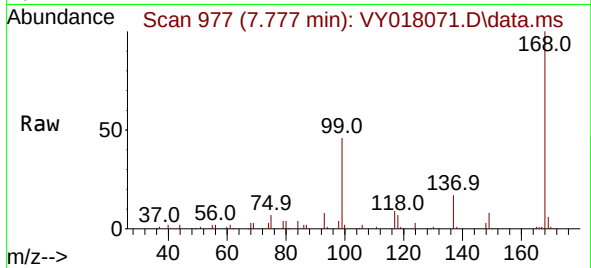




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

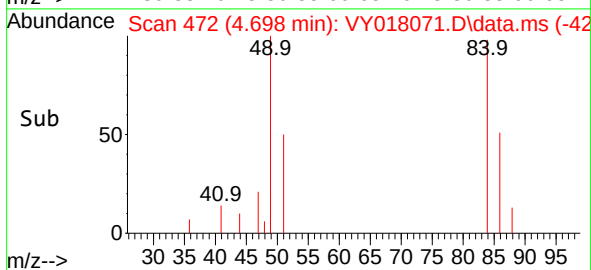
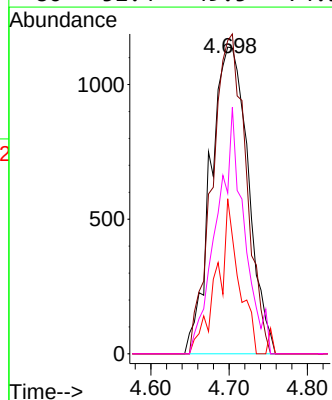
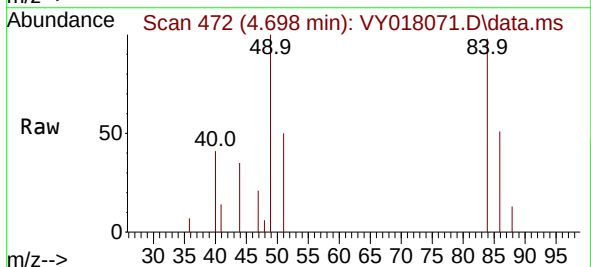
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-042924

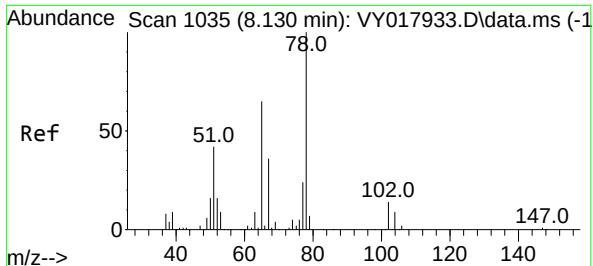
Tgt Ion:168 Resp: 51581
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#20
Methylene Chloride
Concen: 6.333 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 84 Resp: 3784
Ion Ratio Lower Upper
84 100
49 102.1 84.4 126.6
51 50.6 26.0 39.0#
86 52.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 40.052 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018071.D

Acq: 29 Apr 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

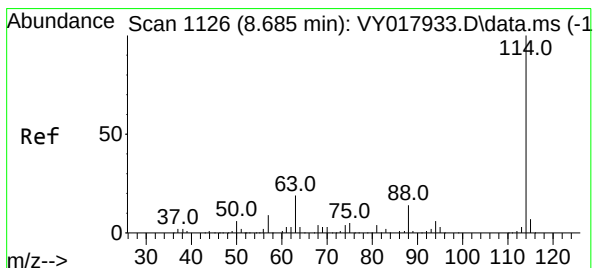
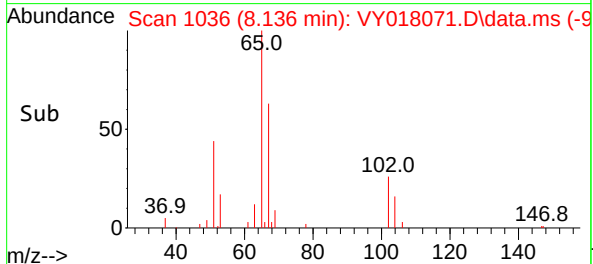
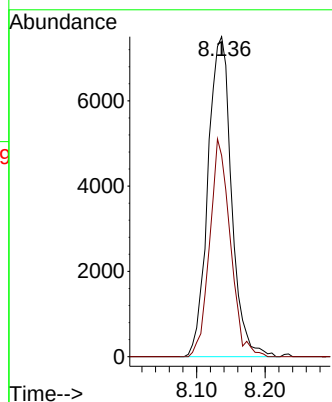
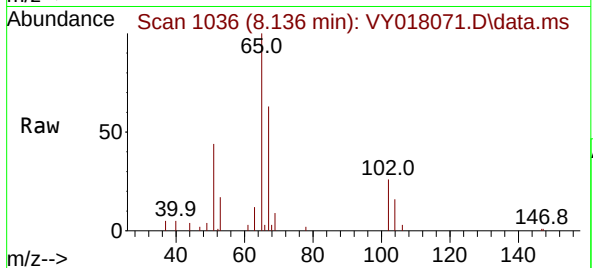
SU-03-042924

Tgt Ion: 65 Resp: 17878

Ion Ratio Lower Upper

65 100

67 59.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.012 min

Lab File: VY018071.D

Acq: 29 Apr 2024 16:19

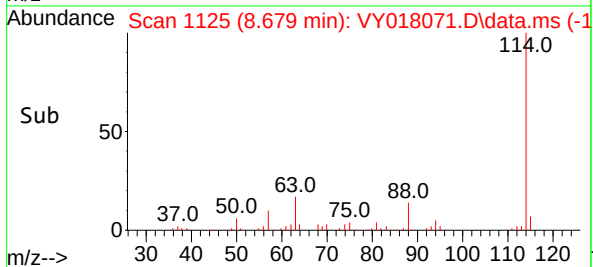
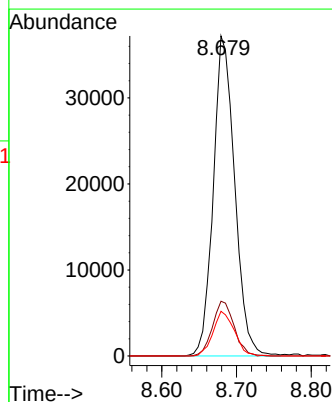
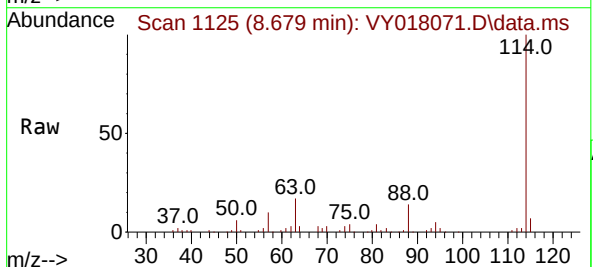
Tgt Ion: 114 Resp: 74136

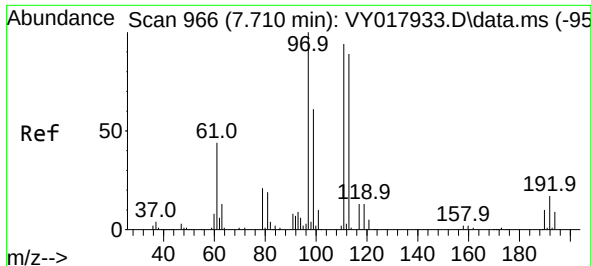
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.9 0.0 27.2

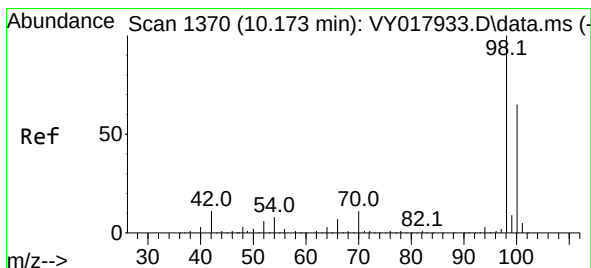
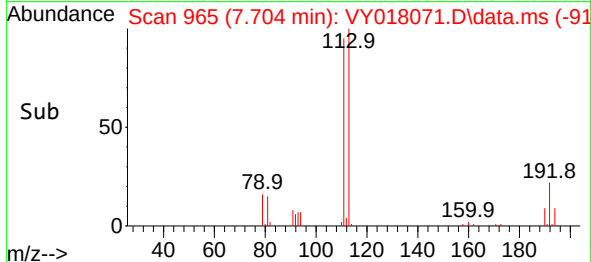
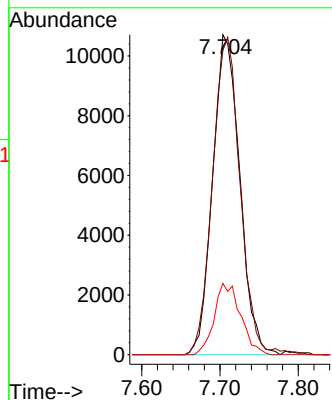
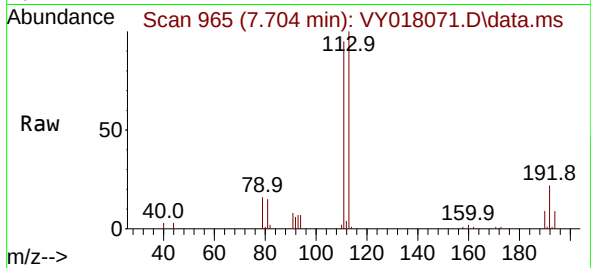




#35
 Dibromofluoromethane
 Concen: 56.308 ug/l
 RT: 7.704 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VY018071.D
 Acq: 29 Apr 2024 16:19

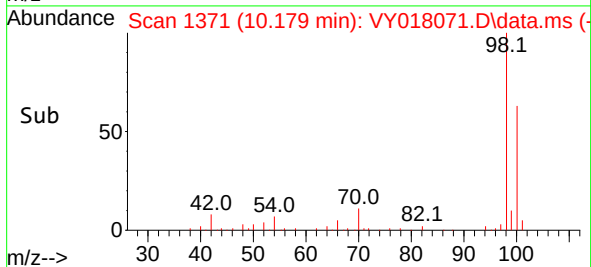
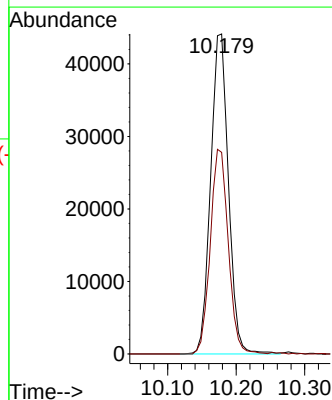
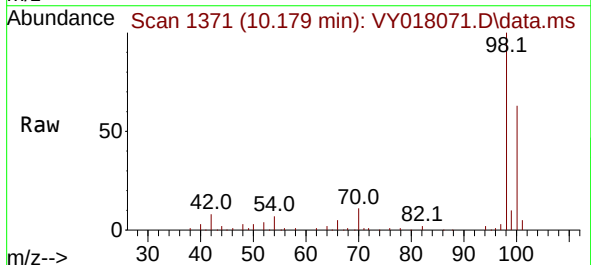
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-042924

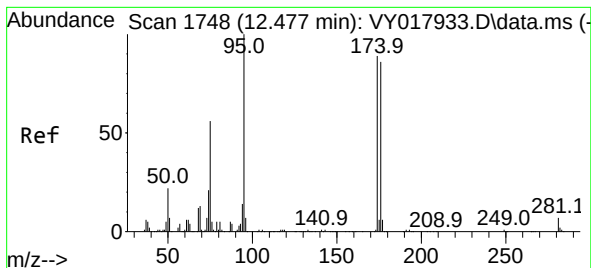
Tgt Ion:113 Resp: 25754
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.4
 192 21.7 15.9 23.9



#50
 Toluene-d8
 Concen: 45.870 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY018071.D
 Acq: 29 Apr 2024 16:19

Tgt Ion: 98 Resp: 79608
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.0 78.0

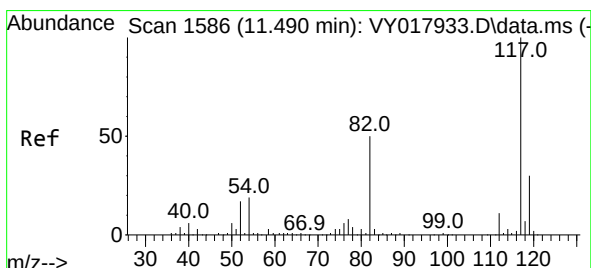
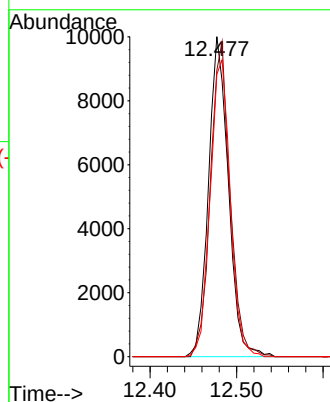
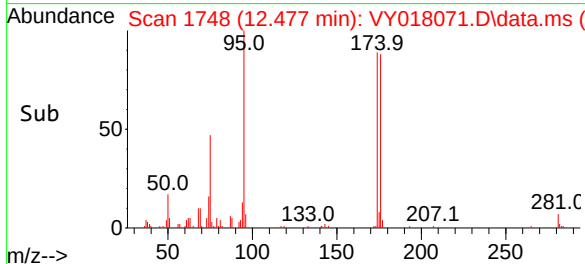
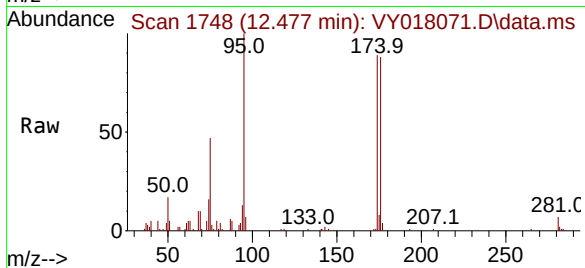




#62
4-Bromofluorobenzene
Concen: 29.725 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

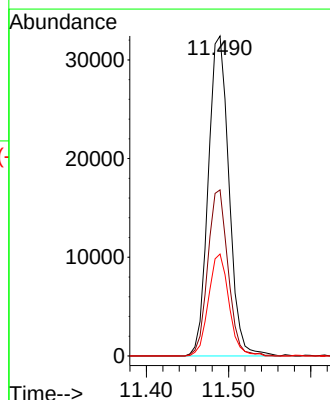
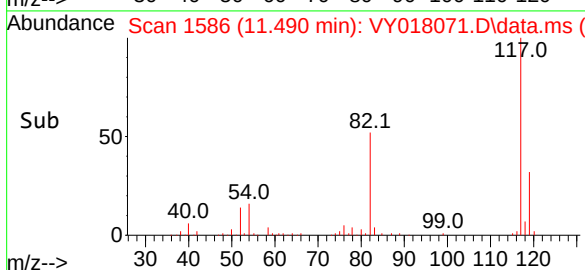
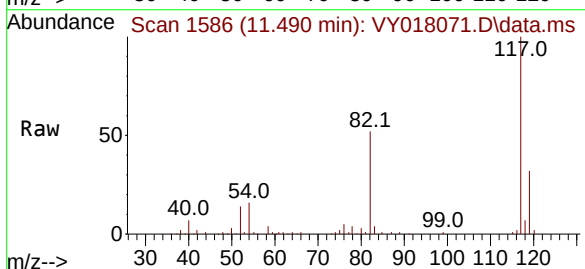
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-042924

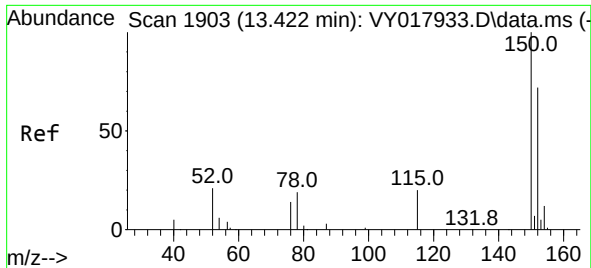
Tgt Ion: 95 Resp: 15977
Ion Ratio Lower Upper
95 100
174 97.0 0.0 175.6
176 93.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 117 Resp: 56743
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018071.D

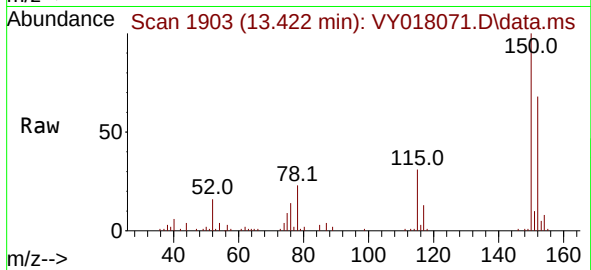
Acq: 29 Apr 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-042924



Tgt Ion:152 Resp: 15915

Ion Ratio Lower Upper

152 100

115 51.0 28.2 84.7

150 157.5 0.0 345.6

