

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017556.D
 Acq On : 01 Mar 2024 17:25
 Operator : SY/MD
 Sample : P1639-21
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-7

Quant Time: Mar 02 00:21:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

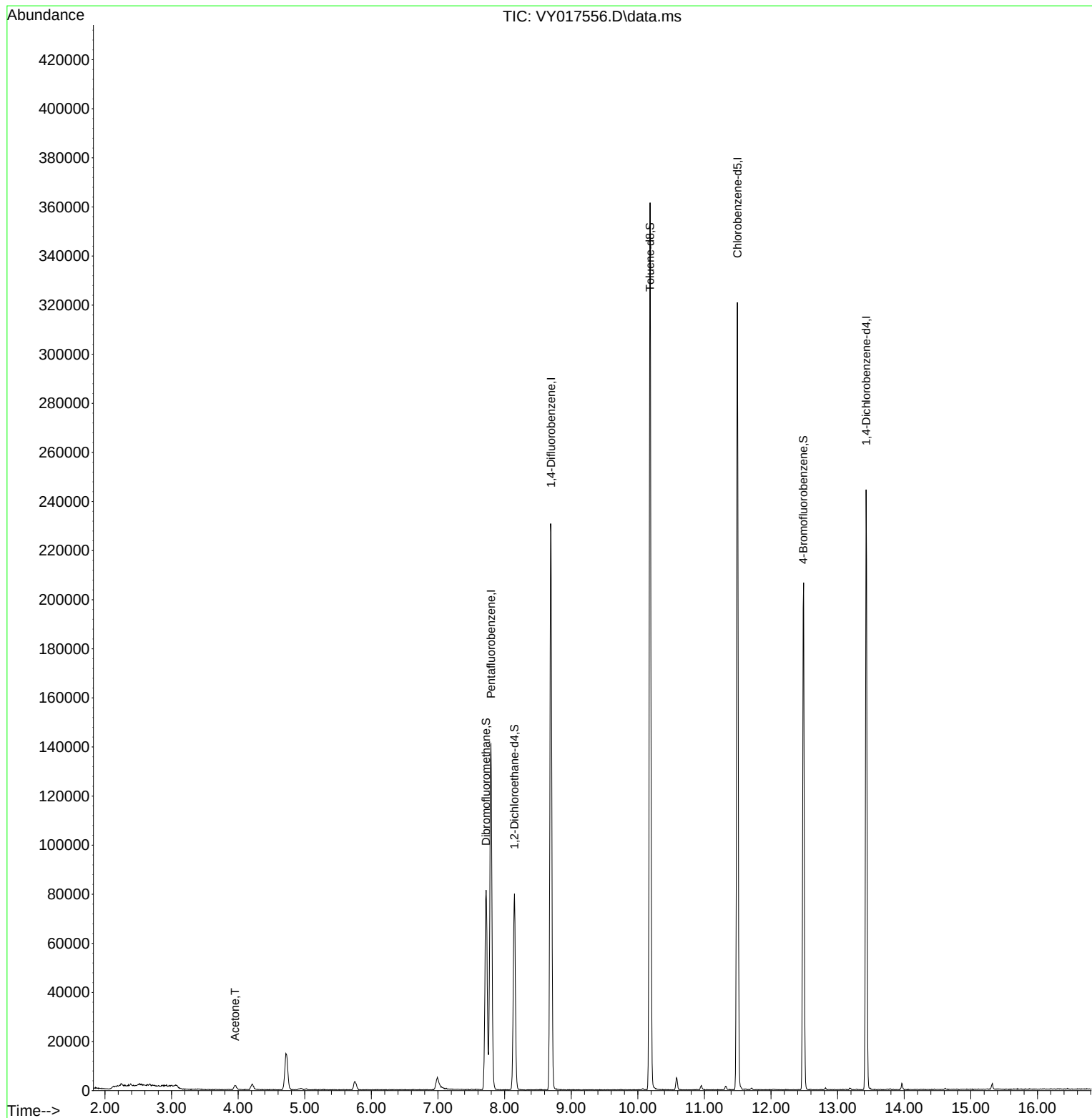
Internal Standards						
1) Pentafluorobenzene	7.795	168	114867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58322	53.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.722	113	59952	40.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.980%
50) Toluene-d8	10.185	98	237824	46.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.483	95	62614	38.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.920%
Target Compounds						
16) Acetone	3.954	43	3394	16.074	ug/l	Qvalue # 79

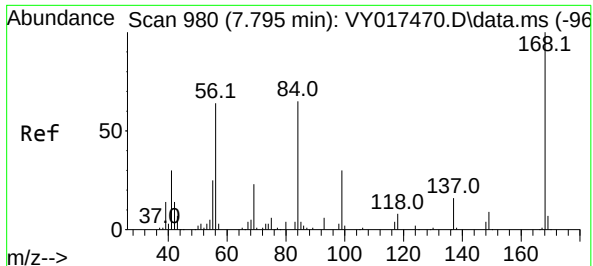
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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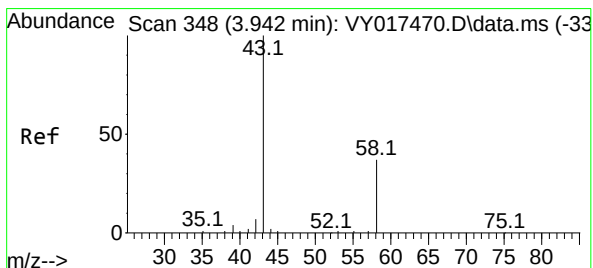
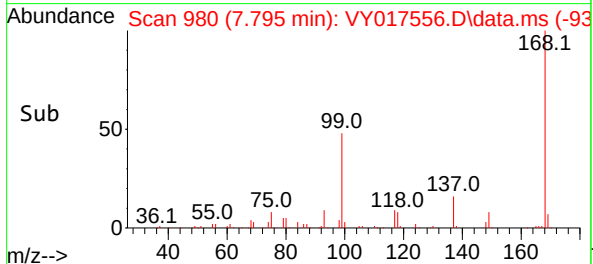
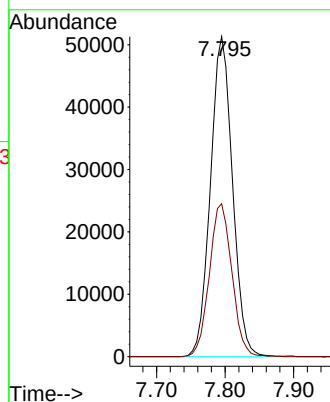
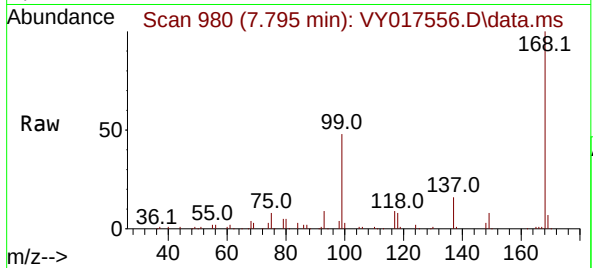




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017556.D
Acq: 01 Mar 2024 17:25

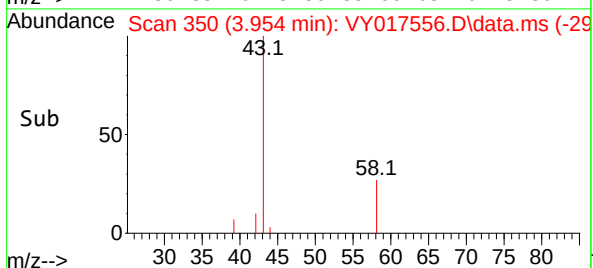
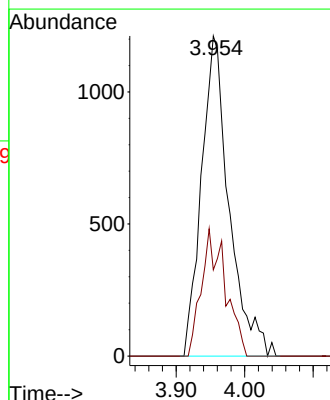
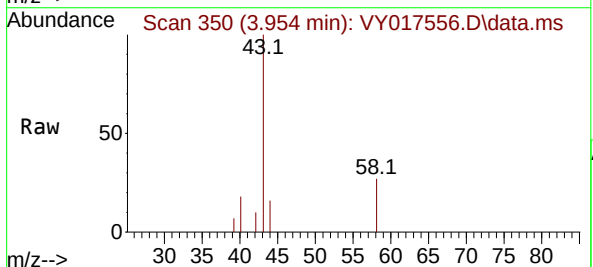
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

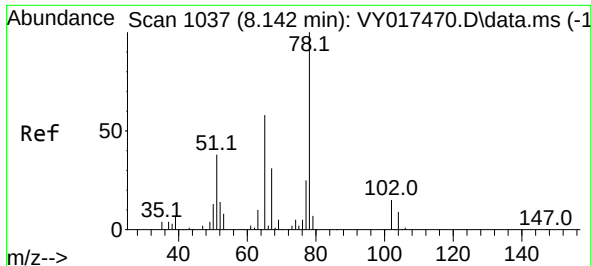
Tgt Ion:168 Resp: 114867
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#16
Acetone
Concen: 16.074 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017556.D
Acq: 01 Mar 2024 17:25

Tgt Ion: 43 Resp: 3394
Ion Ratio Lower Upper
43 100
58 26.9 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 53.574 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017556.D

Acq: 01 Mar 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

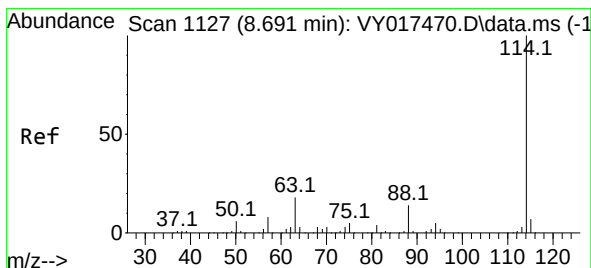
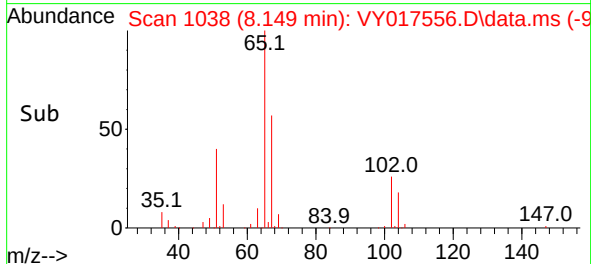
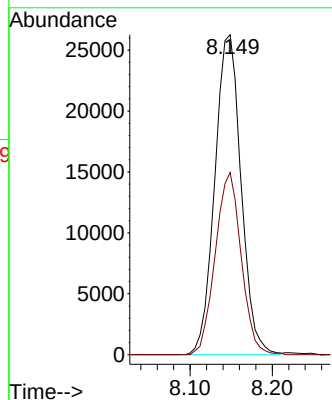
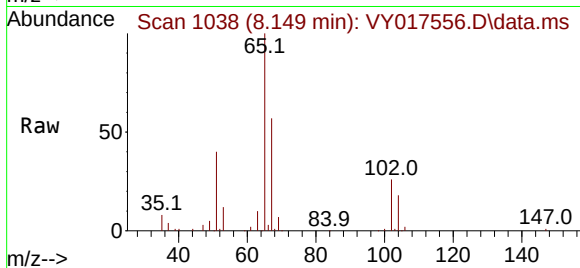
SP-7

Tgt Ion: 65 Resp: 58322

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017556.D

Acq: 01 Mar 2024 17:25

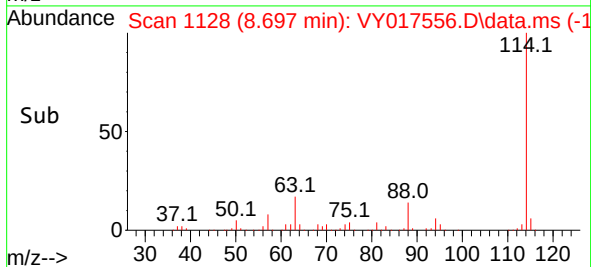
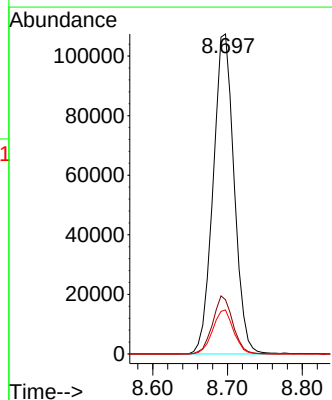
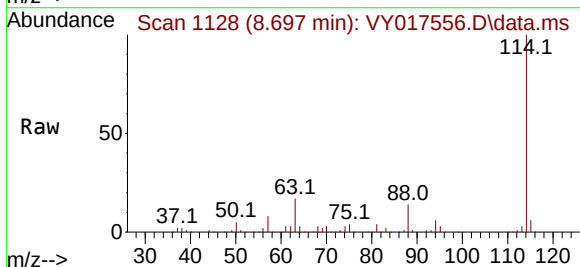
Tgt Ion: 114 Resp: 209884

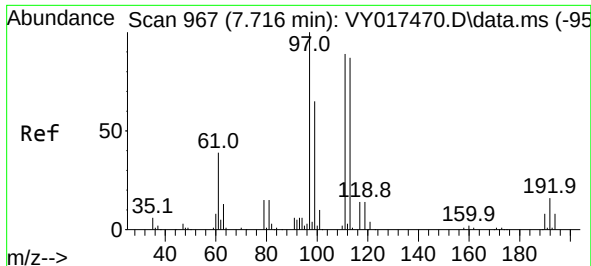
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.8 0.0 27.2

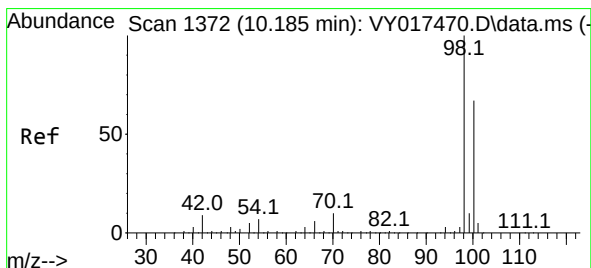
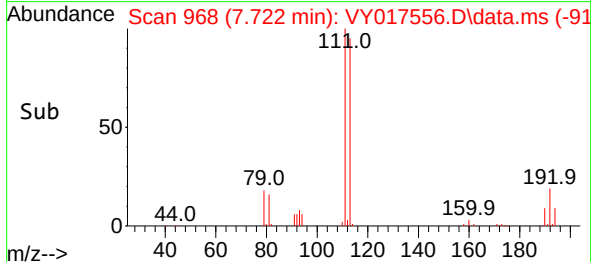
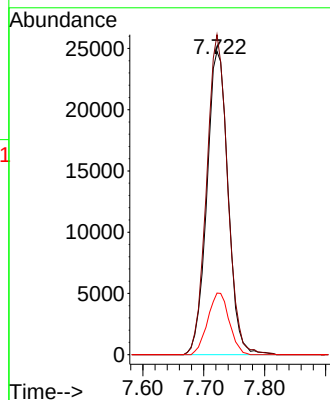
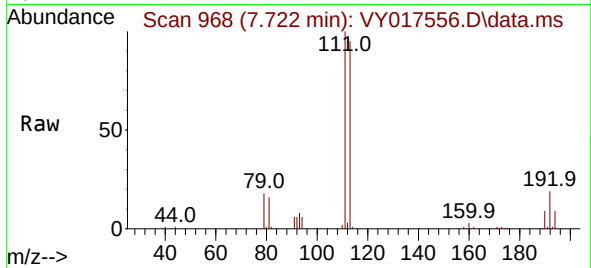




#35
Dibromofluoromethane
Concen: 40.992 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017556.D
Acq: 01 Mar 2024 17:25

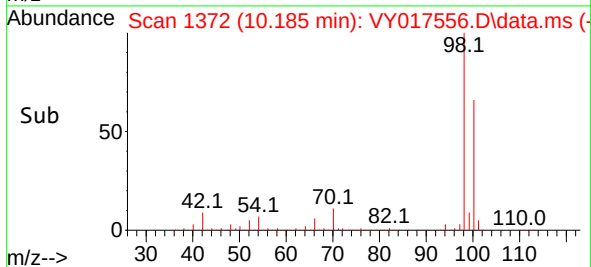
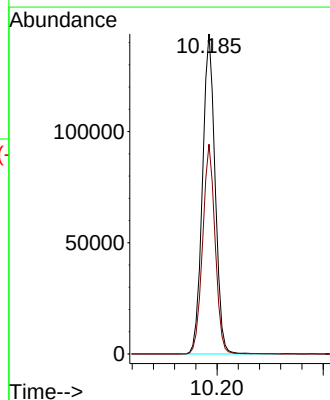
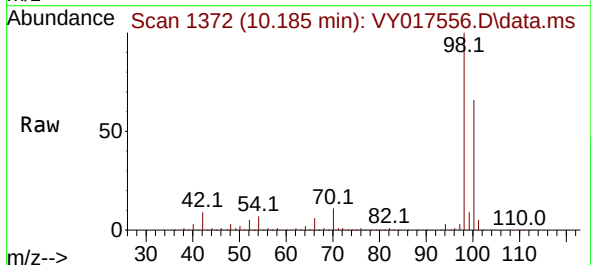
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

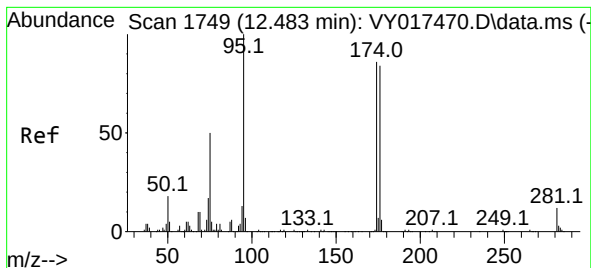
Tgt Ion:113 Resp: 59952
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 46.508 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017556.D
Acq: 01 Mar 2024 17:25

Tgt Ion: 98 Resp: 237824
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

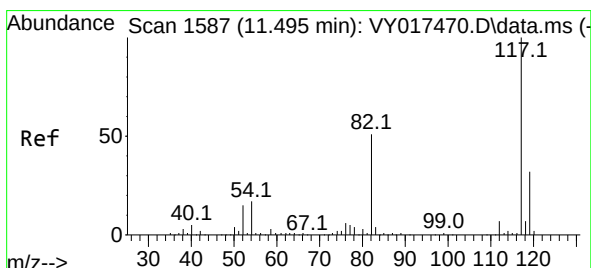
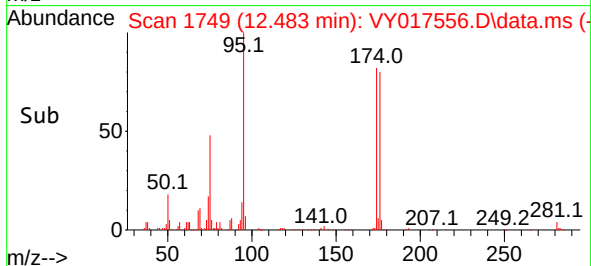
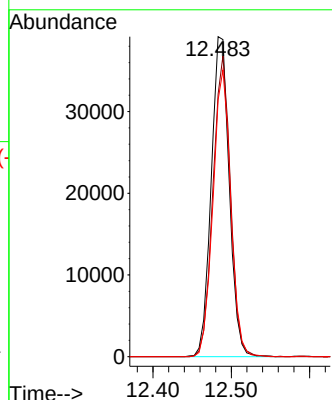
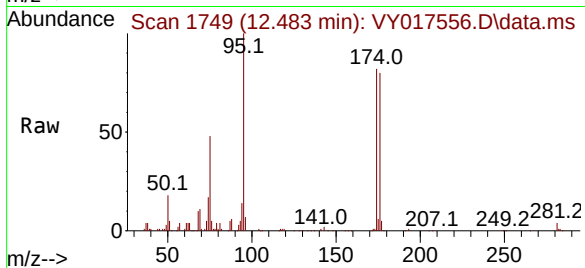




#62
4-Bromofluorobenzene
Concen: 38.962 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017556.D
Acq: 01 Mar 2024 17:25

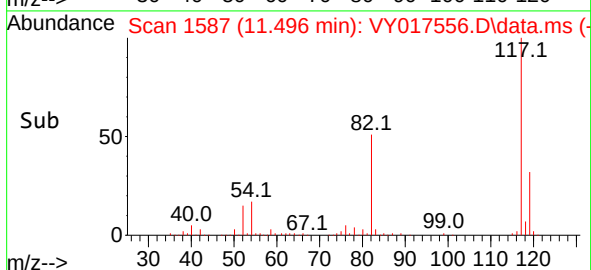
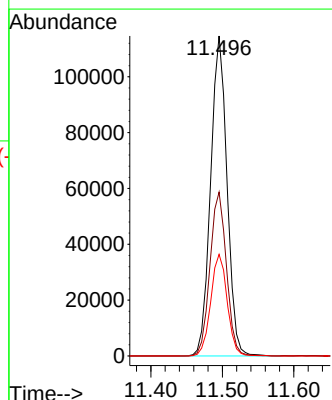
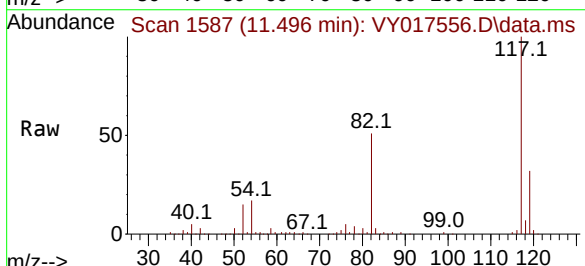
Instrument :
MSVOA_Y
ClientSampleId :
SP-7

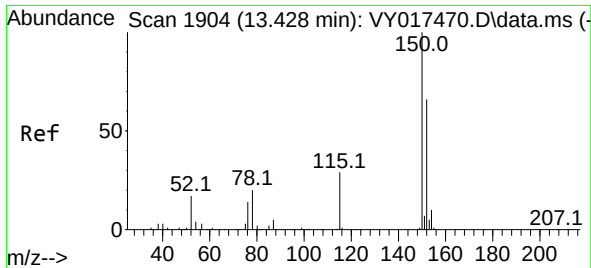
Tgt Ion: 95 Resp: 62614
Ion Ratio Lower Upper
95 100
174 91.8 0.0 175.6
176 88.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017556.D
Acq: 01 Mar 2024 17:25

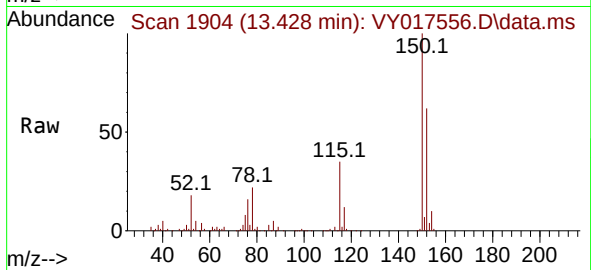
Tgt Ion: 117 Resp: 182591
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017556.D
 Acq: 01 Mar 2024 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-7



Tgt Ion:152 Resp: 64433
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 159.7 0.0 345.6

