

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018819.D
 Acq On : 15 Jul 2024 17:49
 Operator : SY/MD
 Sample : P3208-05RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-PADSRE

Quant Time: Jul 16 01:28:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

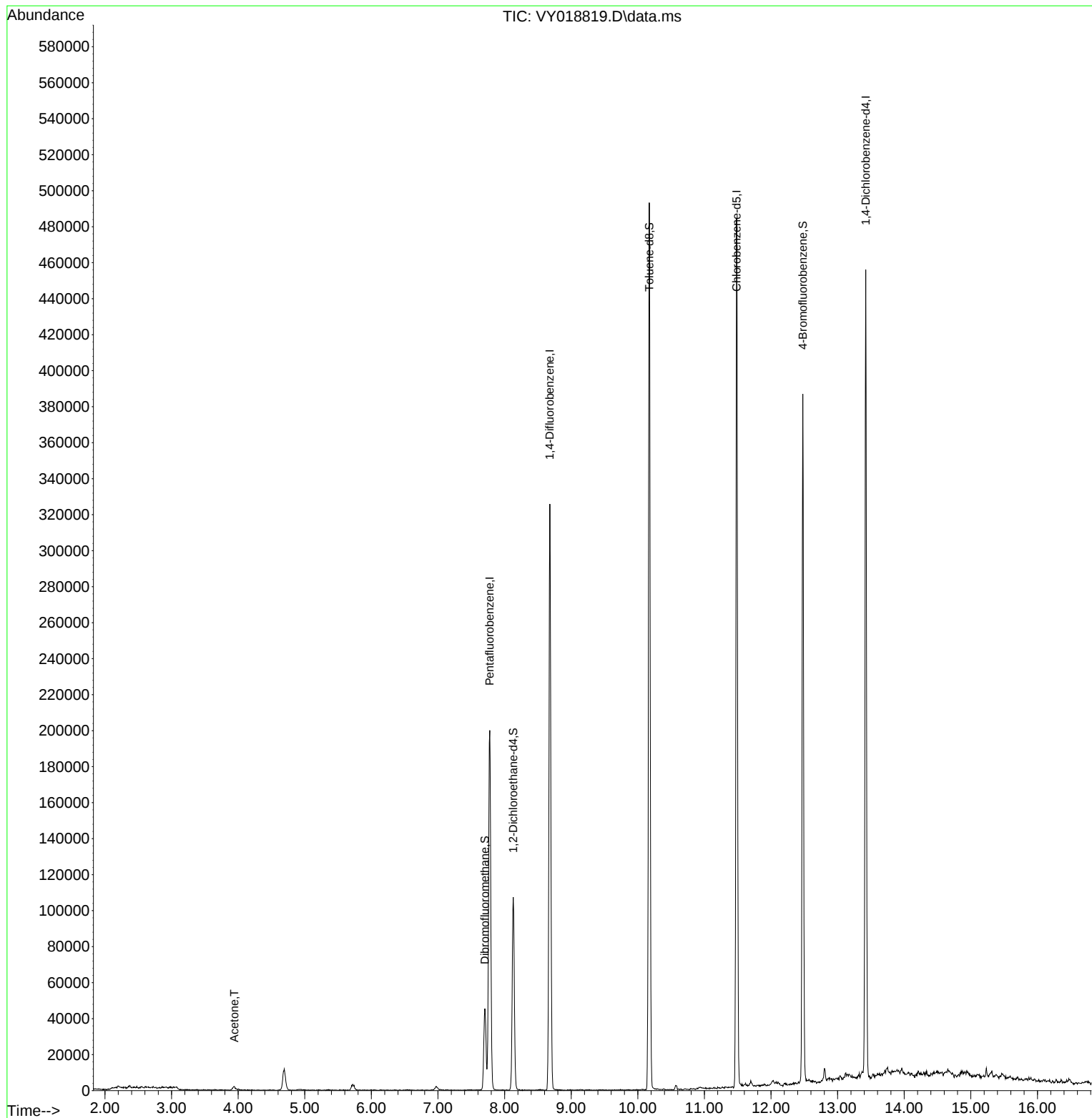
Internal Standards						
1) Pentafluorobenzene	7.777	168	156889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	279563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80878	52.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.780%
35) Dibromofluoromethane	7.704	113	31846	18.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.380%#
50) Toluene-d8	10.173	98	319924	48.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.477	95	110562	48.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.600%
Target Compounds						
16) Acetone	3.942	43	3557	12.497	ug/l	Qvalue # 77

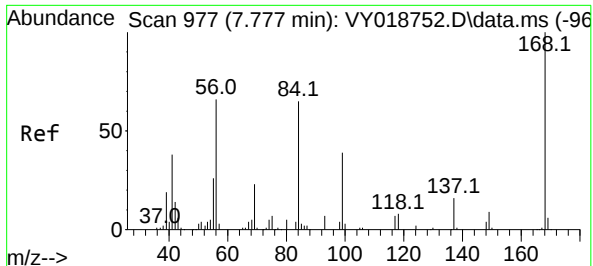
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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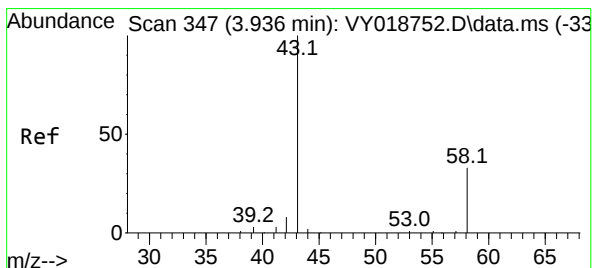
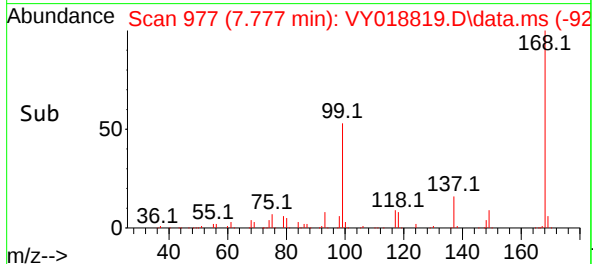
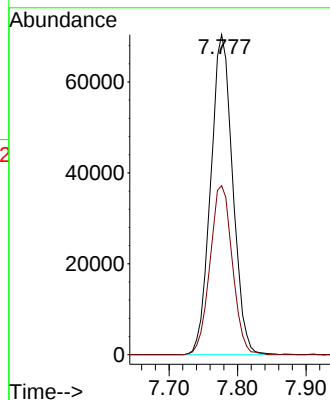
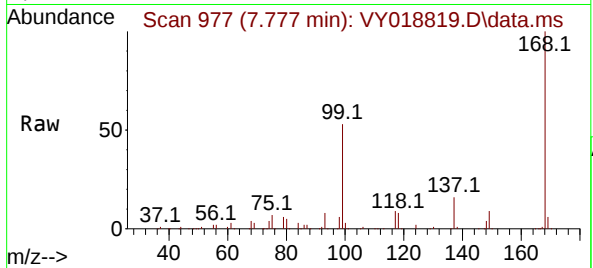




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

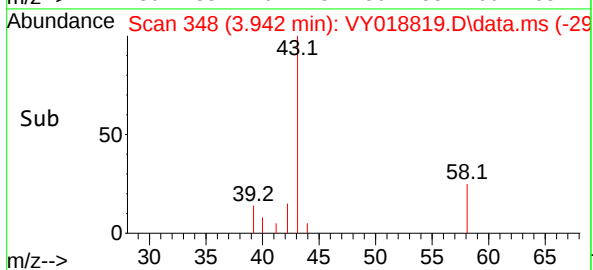
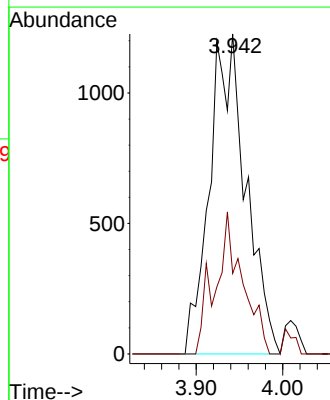
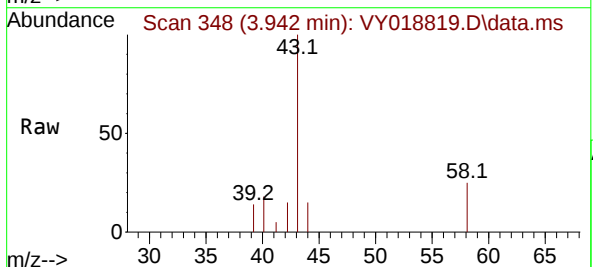
Instrument :
MSVOA_Y
ClientSampleId :
CONC-PADSRE

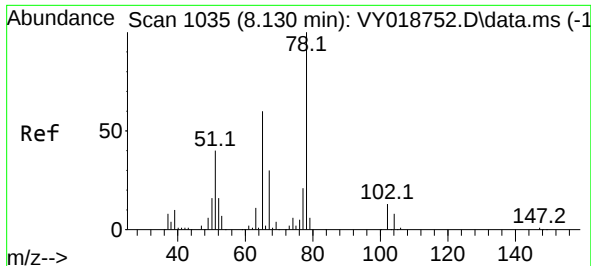
Tgt Ion:168 Resp: 156889
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#16
Acetone
Concen: 12.497 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Tgt Ion: 43 Resp: 3557
Ion Ratio Lower Upper
43 100
58 25.2 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 52.388 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018819.D

Acq: 15 Jul 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

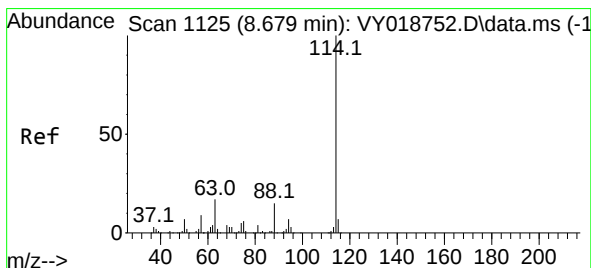
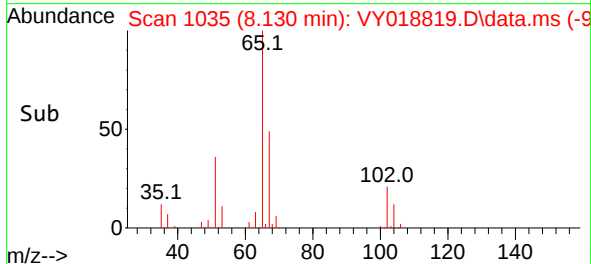
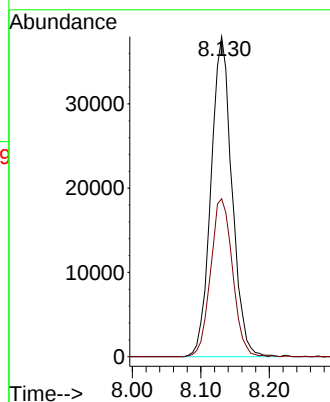
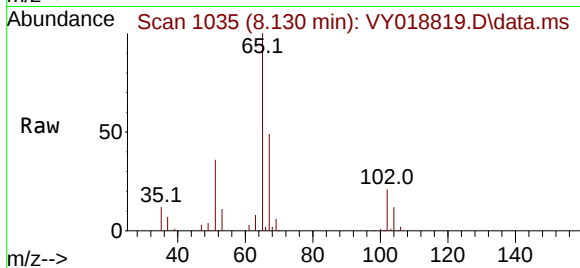
CONC-PADSRE

Tgt Ion: 65 Resp: 80878

Ion Ratio Lower Upper

65 100

67 51.5 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: VY018819.D

Acq: 15 Jul 2024 17:49

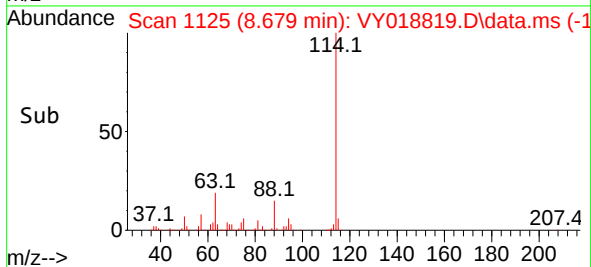
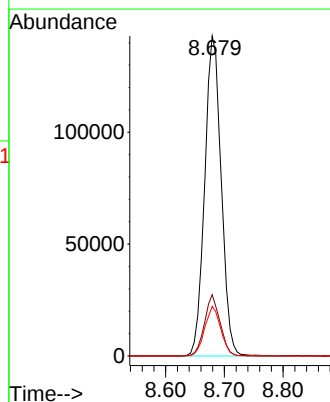
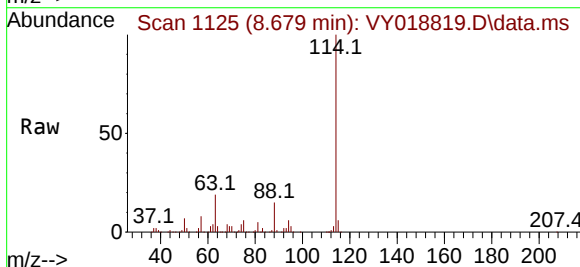
Tgt Ion: 114 Resp: 279563

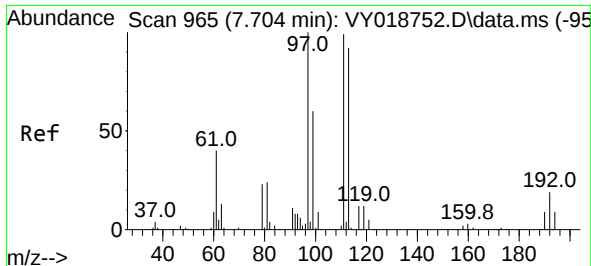
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 15.5 0.0 27.2

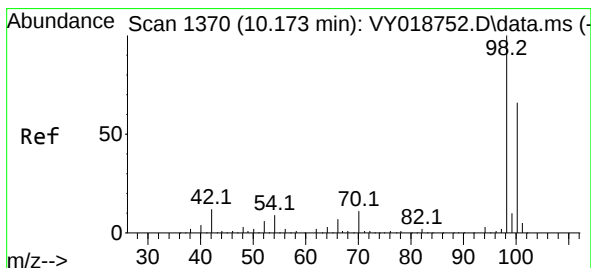
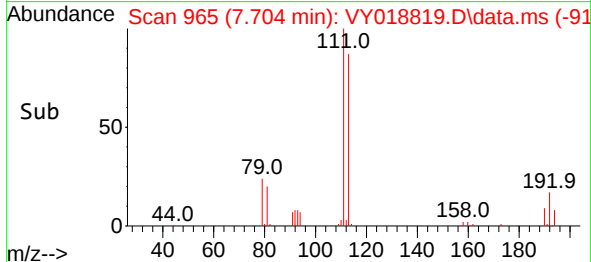
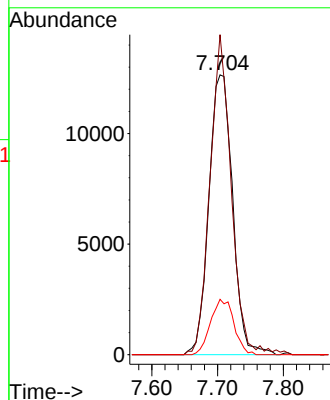
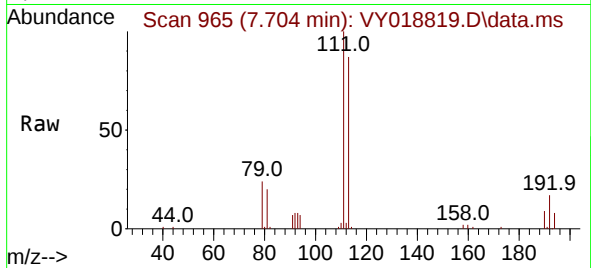




#35
Dibromofluoromethane
Concen: 18.188 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

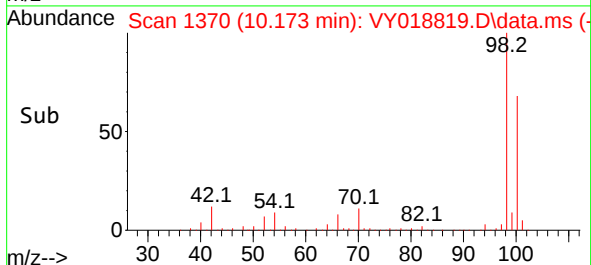
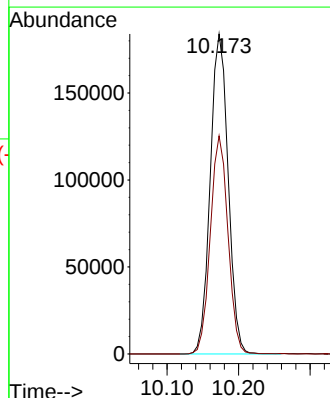
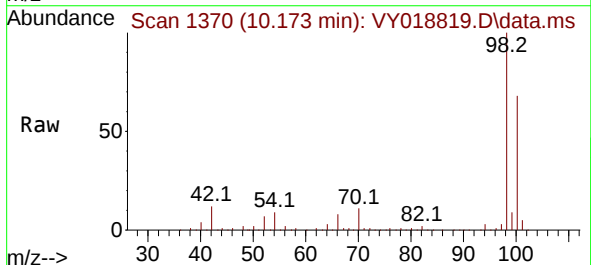
Instrument :
MSVOA_Y
ClientSampleId :
CONC-PADSRE

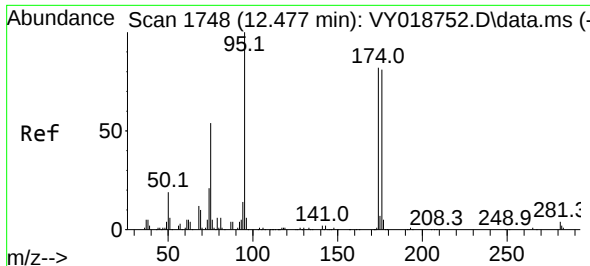
Tgt Ion:113 Resp: 31846
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 48.227 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

Tgt Ion: 98 Resp: 319924
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

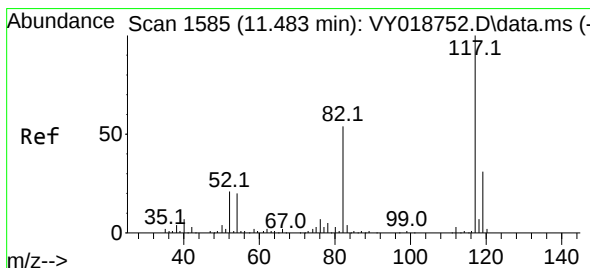
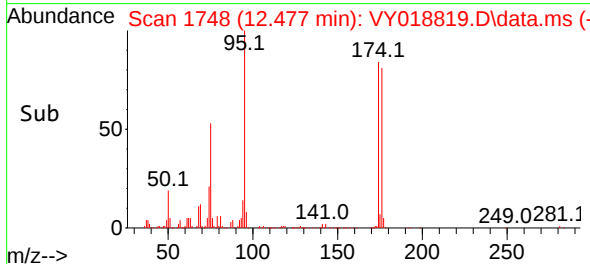
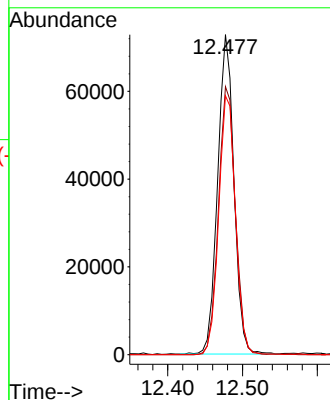
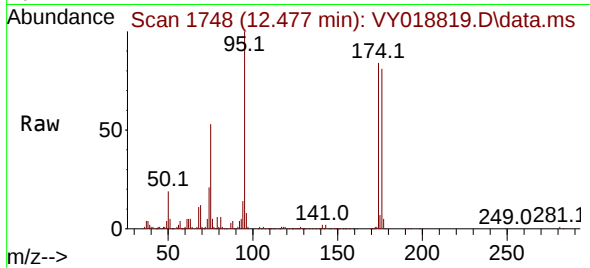




#62
4-Bromofluorobenzene
Concen: 48.804 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

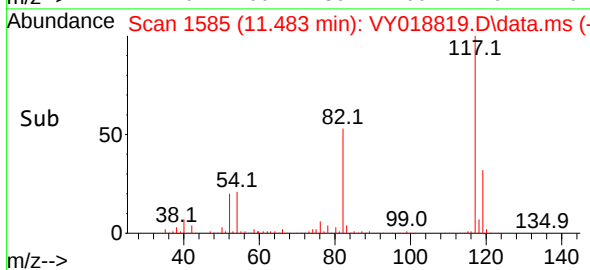
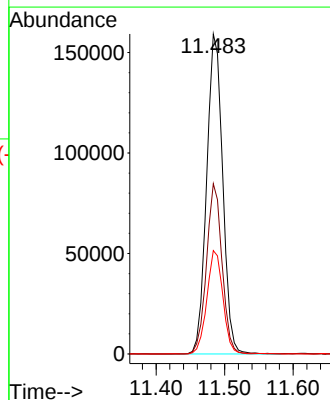
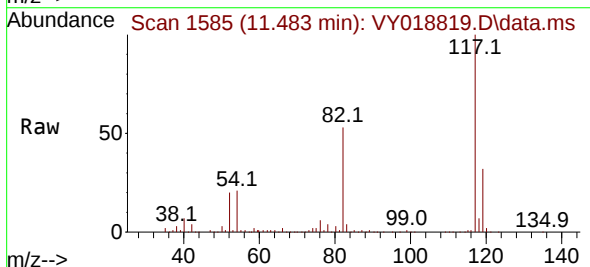
Instrument :
MSVOA_Y
ClientSampleId :
CONC-PADSRE

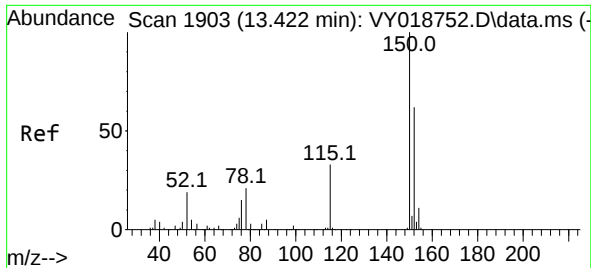
Tgt Ion: 95 Resp: 110562
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018819.D
Acq: 15 Jul 2024 17:49

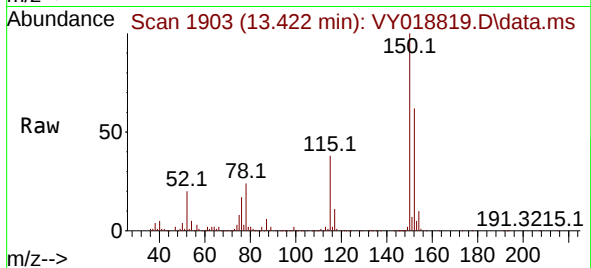
Tgt Ion: 117 Resp: 259707
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018819.D
 Acq: 15 Jul 2024 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-PADSRE



Tgt Ion:152 Resp: 111234
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.2 84.7
 150 158.6 0.0 345.6

