

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016670.D
 Acq On : 16 Dec 2023 15:39
 Operator : SY/MD
 Sample : 05833-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 351RE

Quant Time: Dec 18 00:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

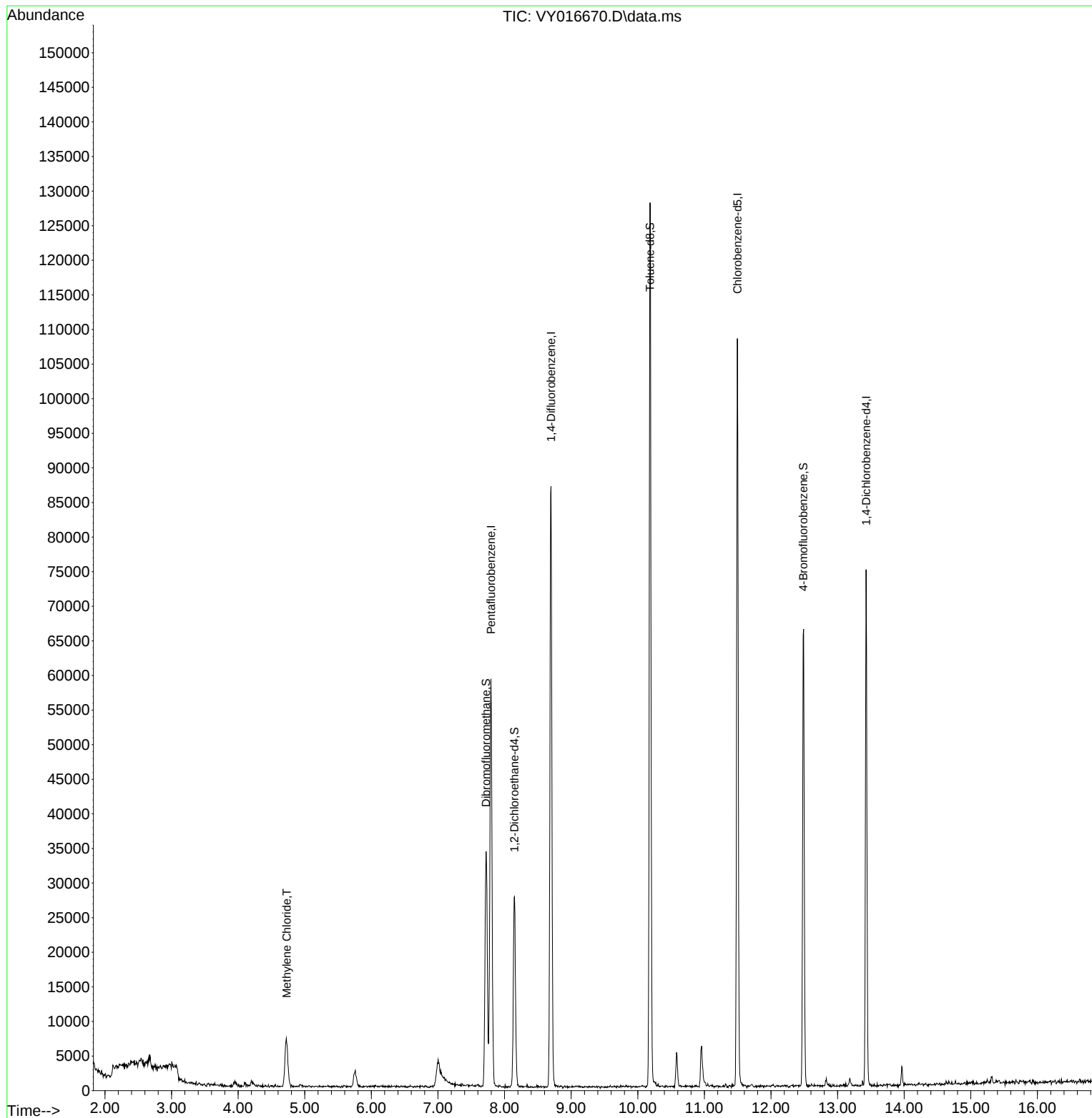
Internal Standards						
1) Pentafluorobenzene	7.795	168	47513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	78540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	63233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21684	55.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.722	113	25074	59.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.040%
50) Toluene-d8	10.185	98	88417	53.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.483	95	20272	37.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.729	84	5669	7.129	ug/l	# 71

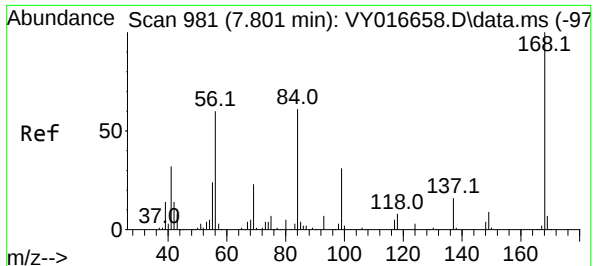
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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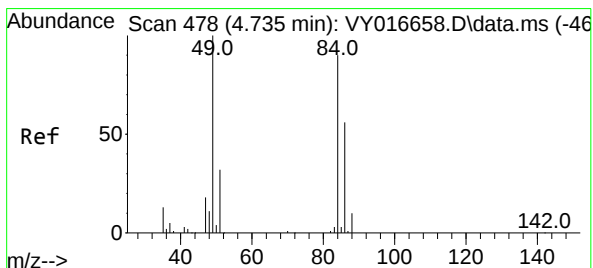
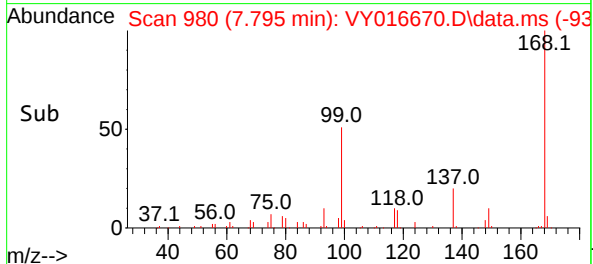
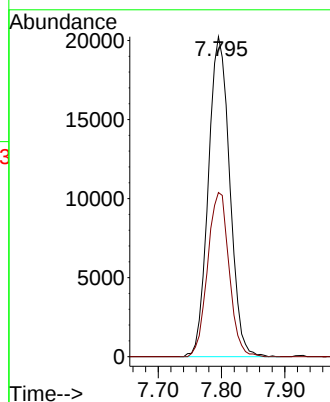
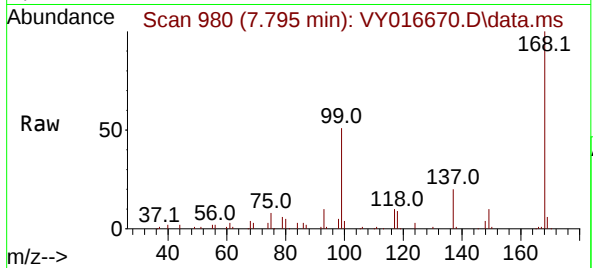




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016670.D
Acq: 16 Dec 2023 15:39

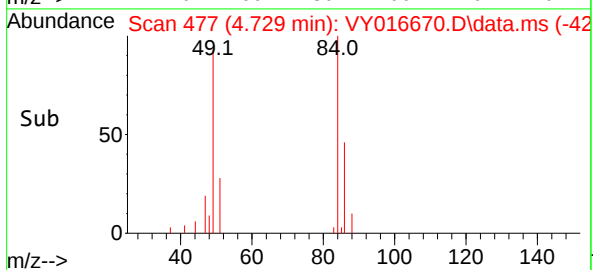
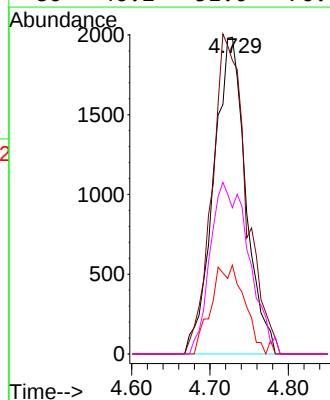
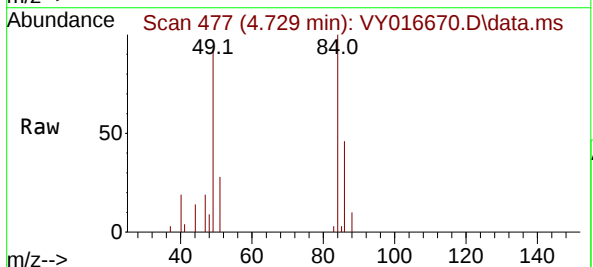
Instrument :
MSVOA_Y
ClientSampleId :
351RE

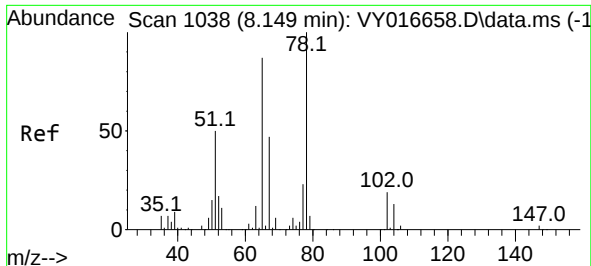
Tgt Ion:168 Resp: 47513
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#20
Methylene Chloride
Concen: 7.129 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016670.D
Acq: 16 Dec 2023 15:39

Tgt Ion: 84 Resp: 5669
Ion Ratio Lower Upper
84 100
49 92.7 106.9 160.3#
51 28.1 33.2 49.8#
86 46.2 51.0 76.6#

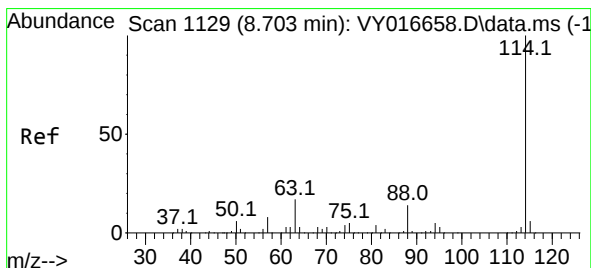
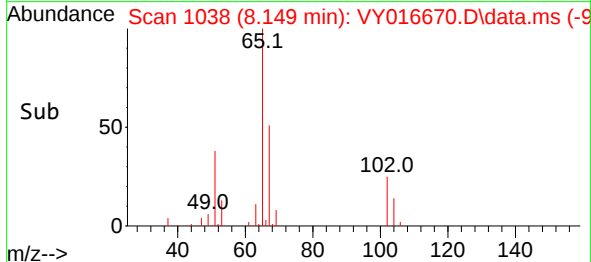
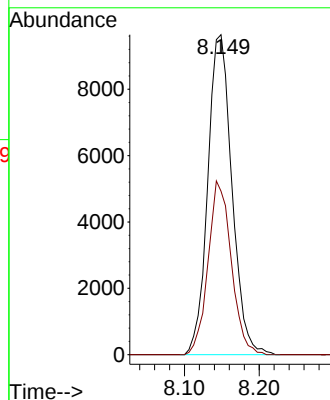
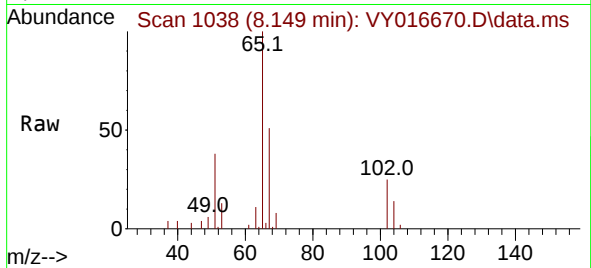




#33
 1,2-Dichloroethane-d4
 Concen: 55.797 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY016670.D
 Acq: 16 Dec 2023 15:39

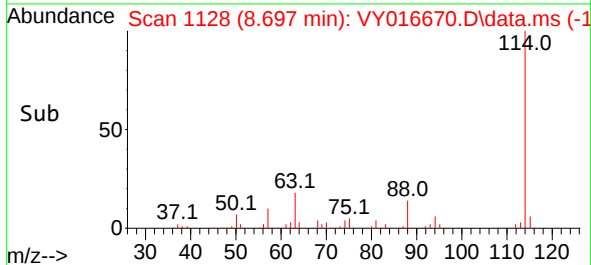
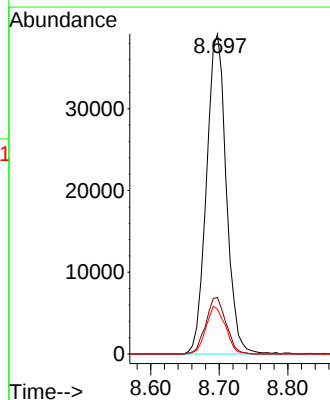
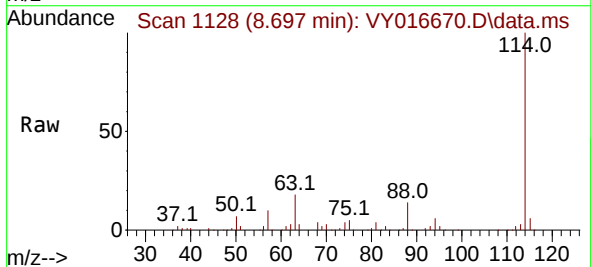
Instrument :
 MSVOA_Y
 ClientSampleId :
 351RE

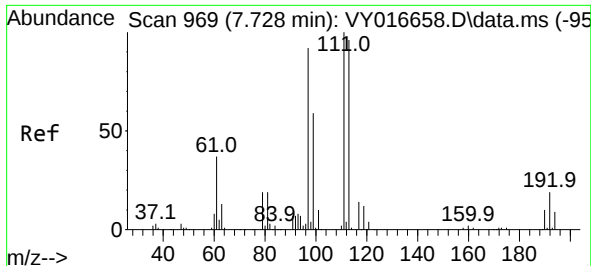
Tgt Ion: 65 Resp: 21684
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016670.D
 Acq: 16 Dec 2023 15:39

Tgt Ion:114 Resp: 78540
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 42.4
 88 14.0 0.0 30.6



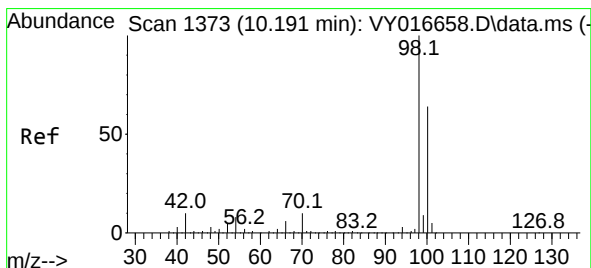
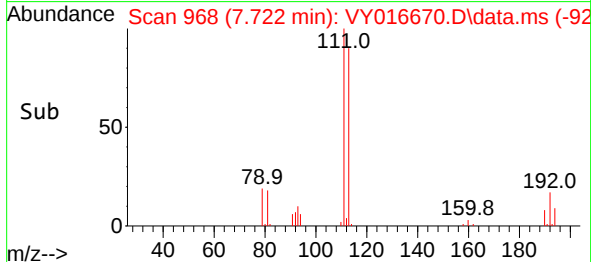
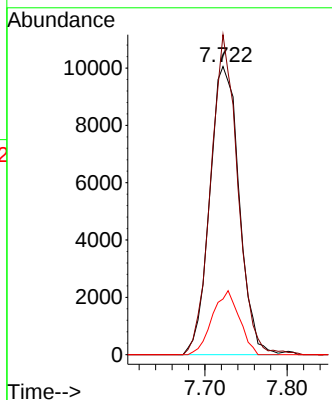
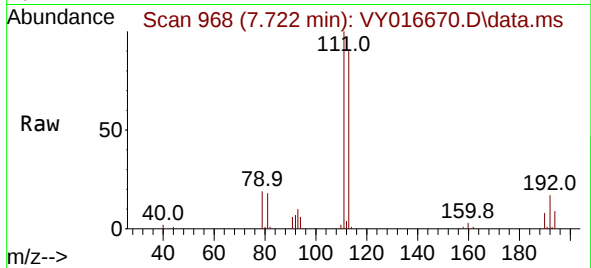


#35
 Dibromofluoromethane
 Concen: 59.518 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY016670.D
 Acq: 16 Dec 2023 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 351RE

Tgt Ion:113 Resp: 25074

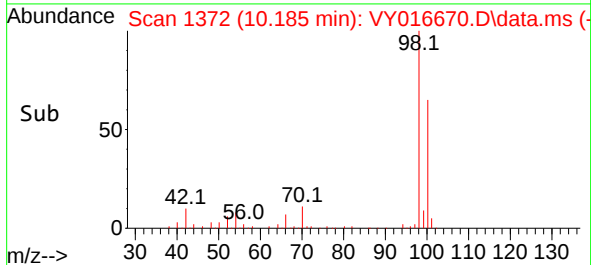
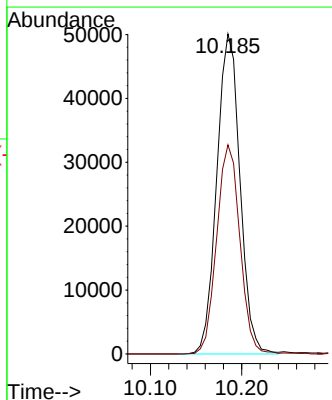
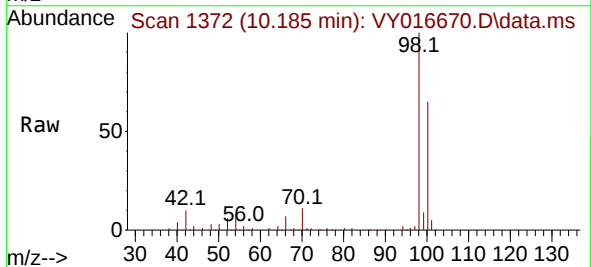
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.3	121.9
192	20.4	16.9	25.3

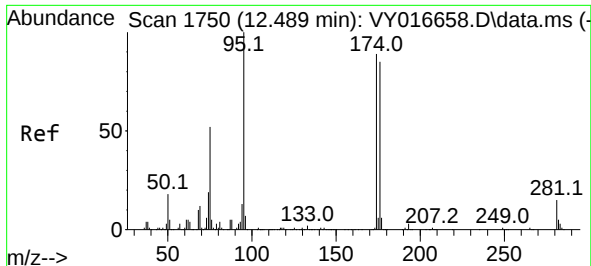


#50
 Toluene-d8
 Concen: 53.098 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016670.D
 Acq: 16 Dec 2023 15:39

Tgt Ion: 98 Resp: 88417

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.1	75.1

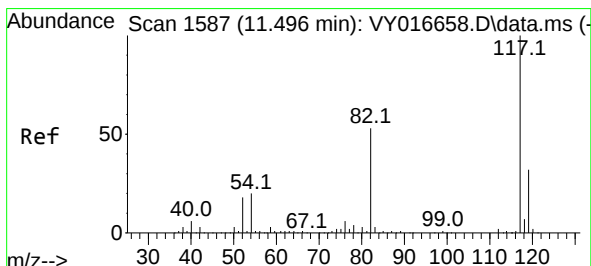
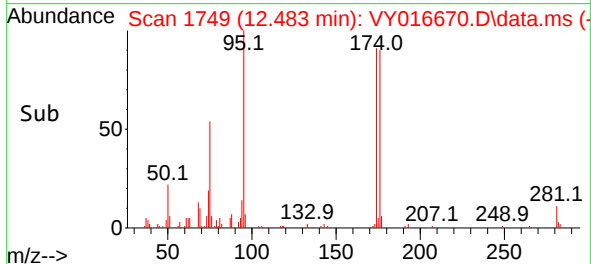
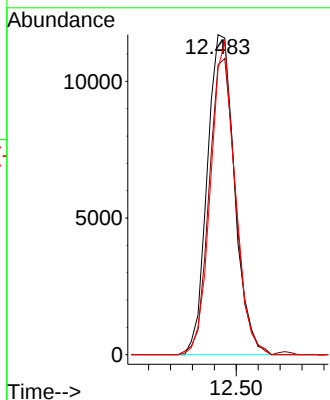
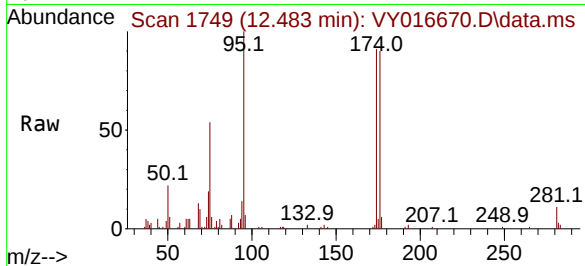




#62
4-Bromofluorobenzene
Concen: 37.549 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016670.D
Acq: 16 Dec 2023 15:39

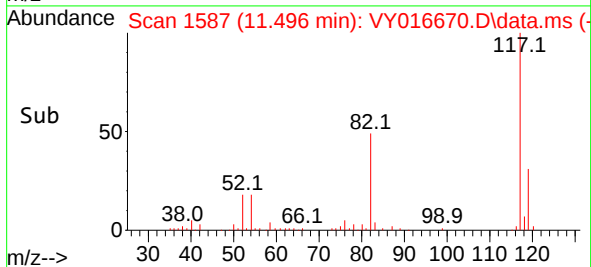
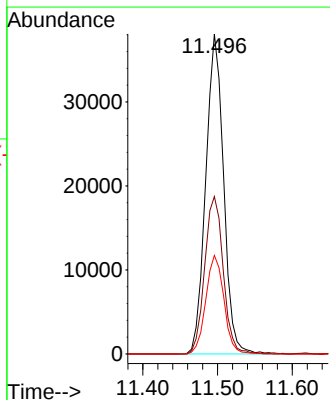
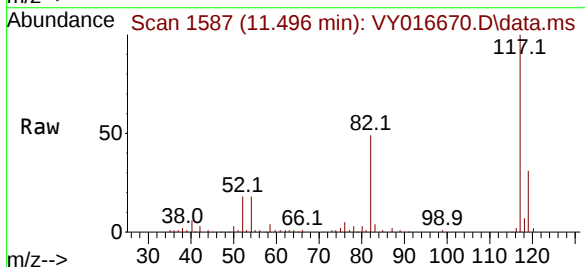
Instrument :
MSVOA_Y
ClientSampleId :
351RE

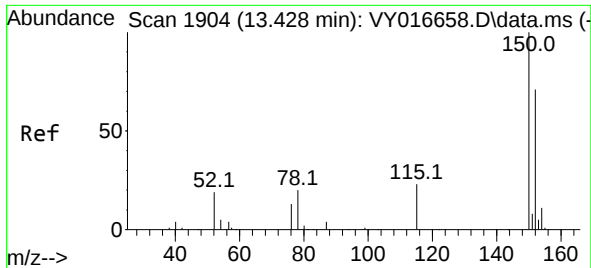
Tgt Ion: 95 Resp: 20272
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.2
176 88.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY016670.D
Acq: 16 Dec 2023 15:39

Tgt Ion: 117 Resp: 63233
Ion Ratio Lower Upper
117 100
82 49.2 43.4 65.0
119 30.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016670.D

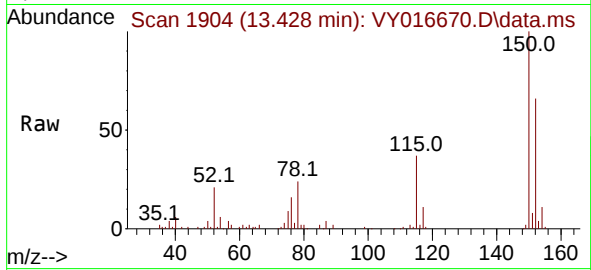
Acq: 16 Dec 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

351RE



Tgt Ion:152 Resp: 19516

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 160.0 0.0 348.8

