

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016668.D
 Acq On : 16 Dec 2023 14:52
 Operator : SY/MD
 Sample : 05611-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6

Quant Time: Dec 18 00:39:55 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)

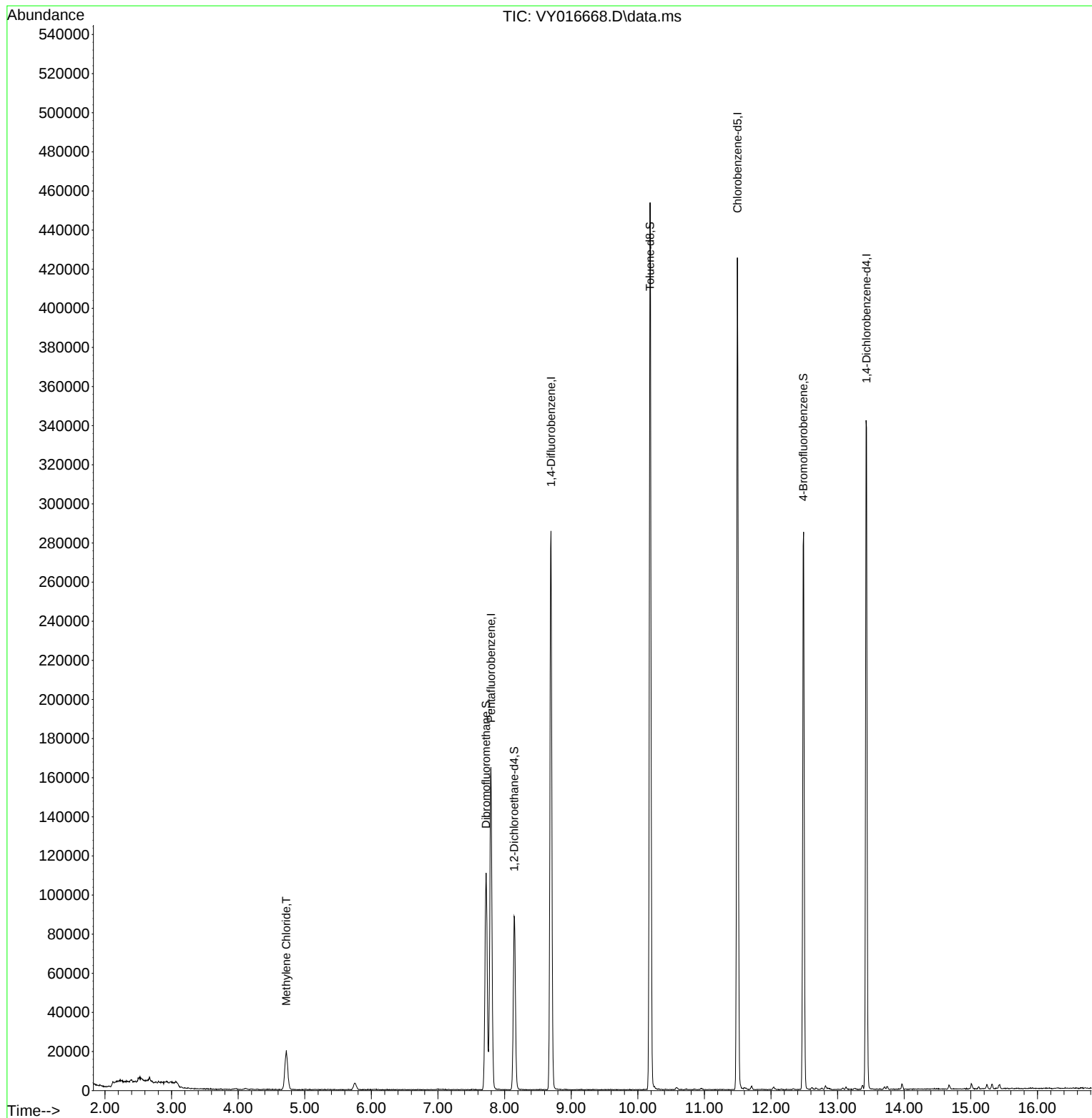
Internal Standards						
1) Pentafluorobenzene	7.795	168	133560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	239864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67899	62.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.240%	
35) Dibromofluoromethane	7.722	113	78646	57.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.185	98	301419	55.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.880%	
62) 4-Bromofluorobenzene	12.483	95	87793	50.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	15645	6.891	ug/l	86

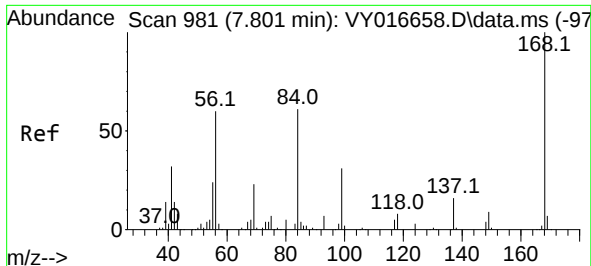
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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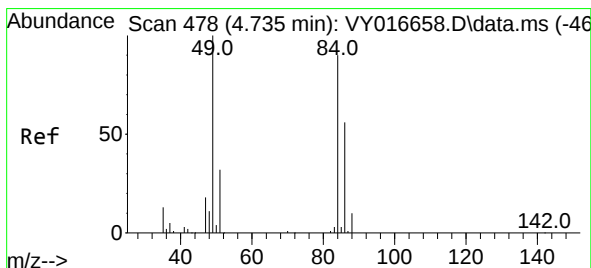
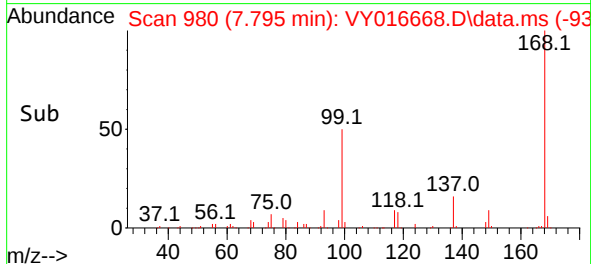
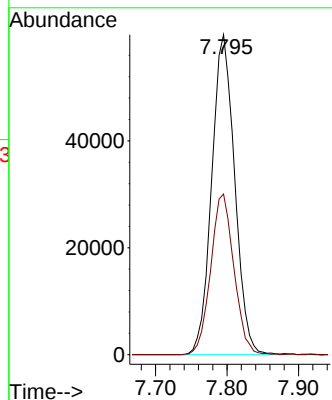
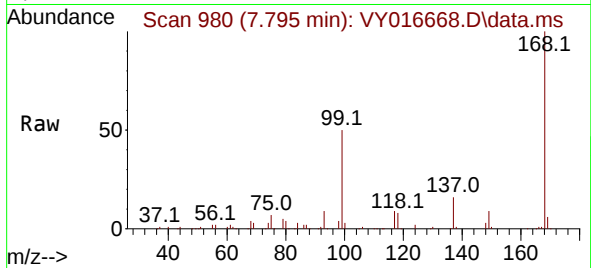




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

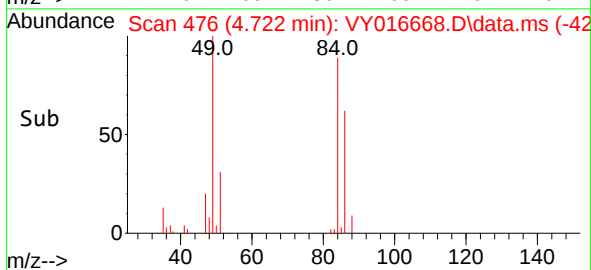
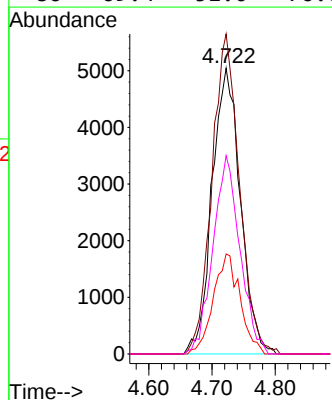
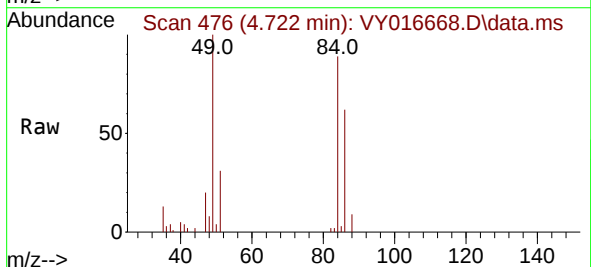
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

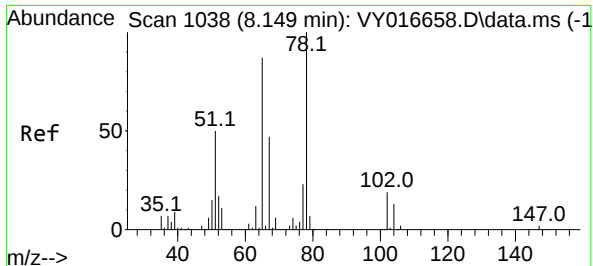
Tgt Ion:168 Resp: 133560
Ion Ratio Lower Upper
168 100
99 50.2 43.4 65.0



#20
Methylene Chloride
Concen: 6.891 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Tgt Ion: 84 Resp: 15645
Ion Ratio Lower Upper
84 100
49 112.0 106.9 160.3
51 35.0 33.2 49.8
86 69.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.117 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016668.D

Acq: 16 Dec 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

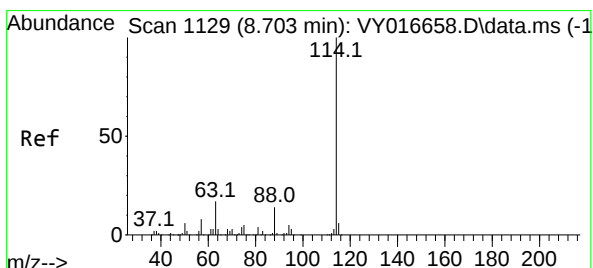
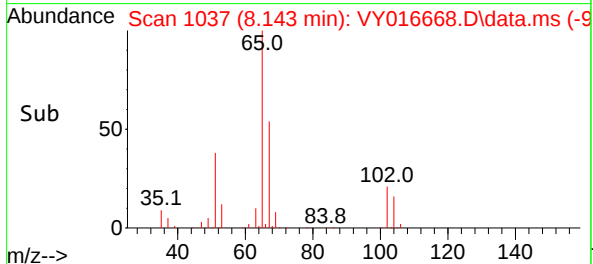
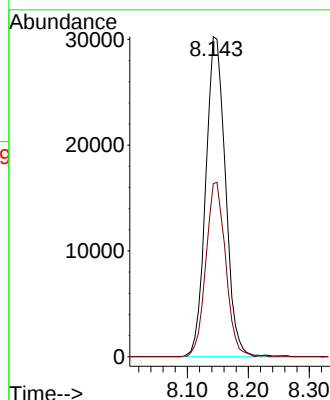
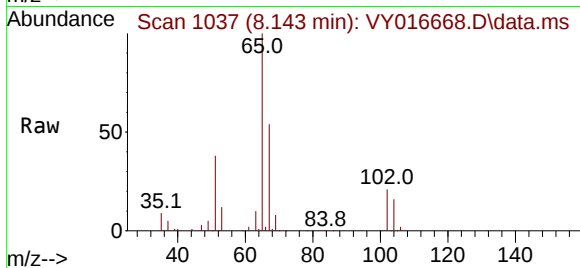
PE-6

Tgt Ion: 65 Resp: 67899

Ion Ratio Lower Upper

65 100

67 54.7 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: VY016668.D

Acq: 16 Dec 2023 14:52

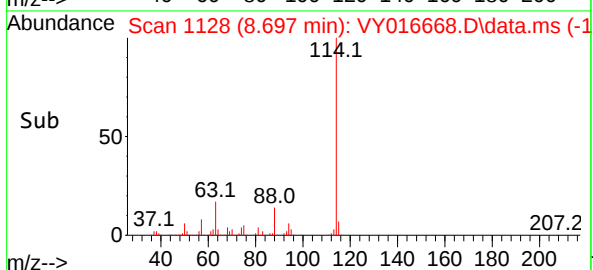
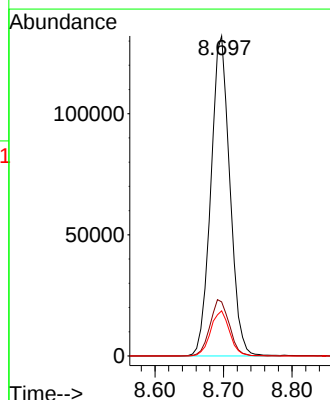
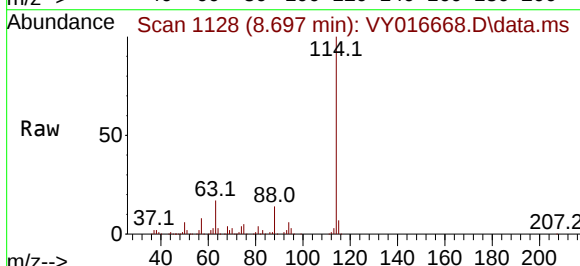
Tgt Ion: 114 Resp: 253617

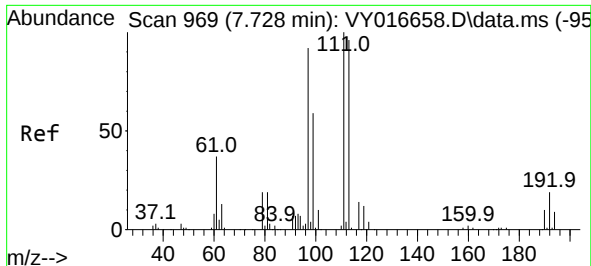
Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.4

88 14.1 0.0 30.6

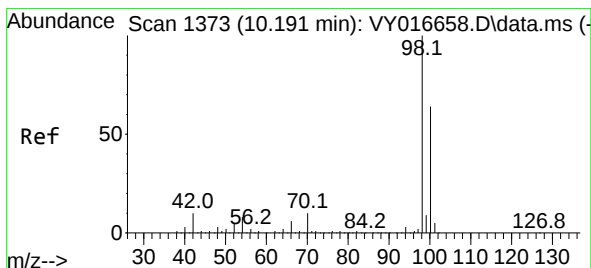
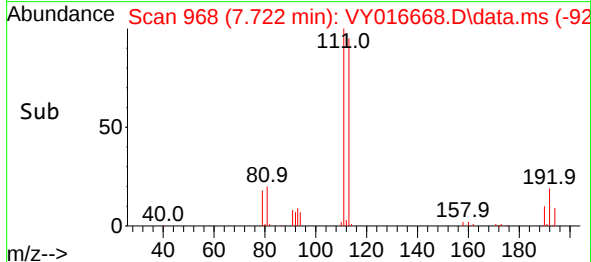
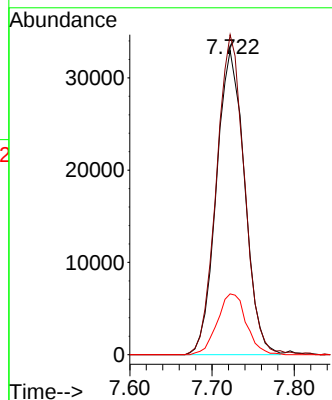
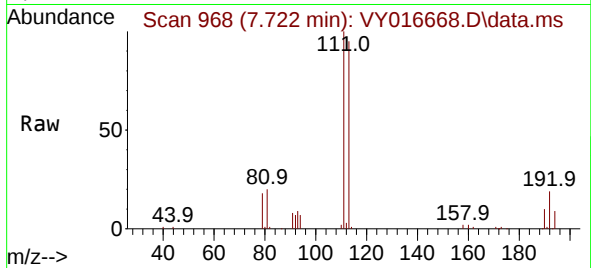




#35
Dibromofluoromethane
Concen: 57.812 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

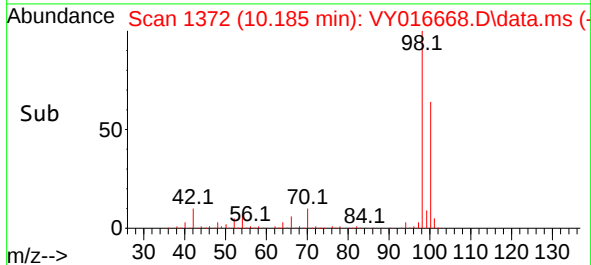
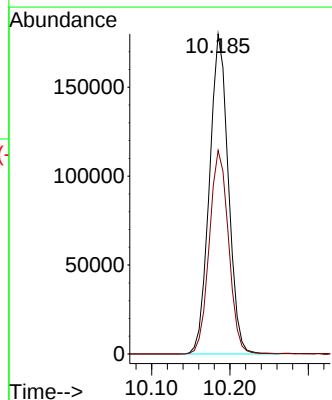
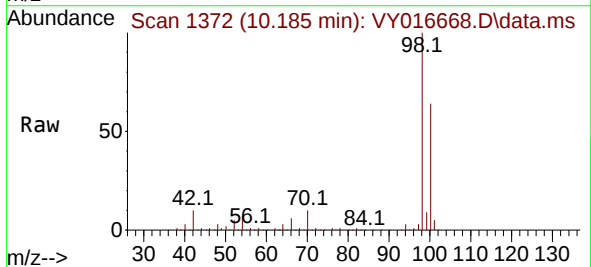
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

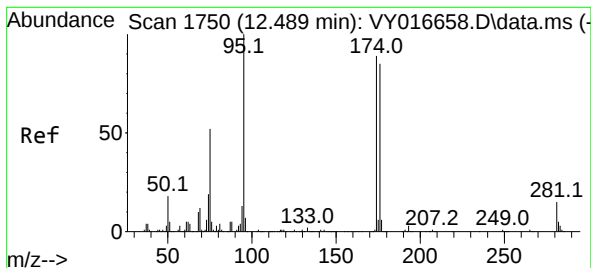
Tgt Ion:	113	Resp:	78646
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.3	121.9
192	20.5	16.9	25.3



#50
Toluene-d8
Concen: 55.941 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Tgt Ion:	98	Resp:	301419
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.1	75.1





#62

4-Bromofluorobenzene

Concen: 50.358 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016668.D

Acq: 16 Dec 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

PE-6

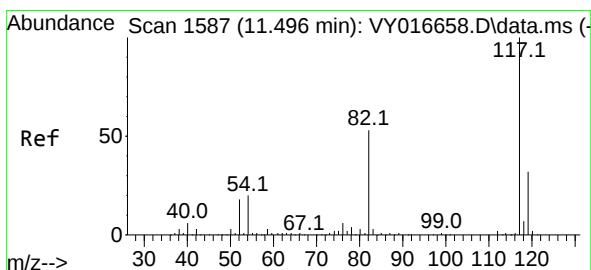
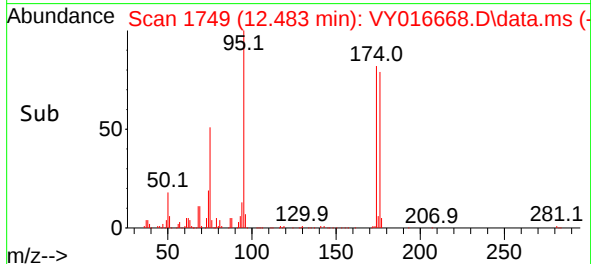
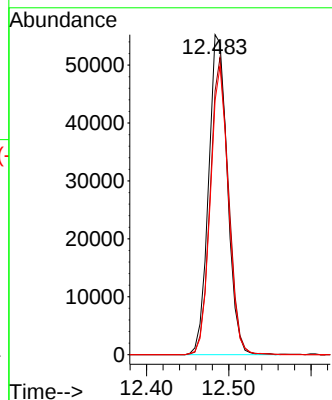
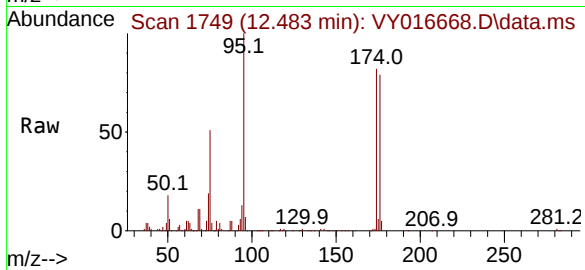
Tgt Ion: 95 Resp: 87793

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 87.1 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: VY016668.D

Acq: 16 Dec 2023 14:52

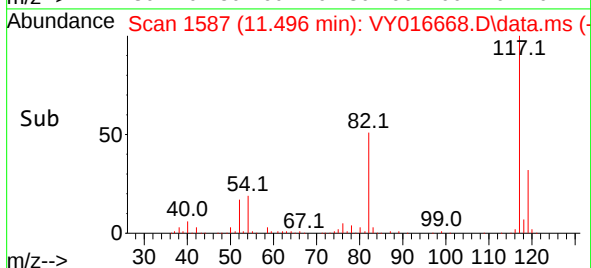
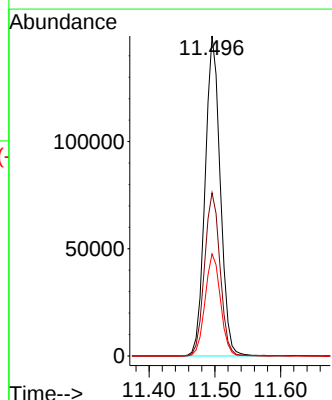
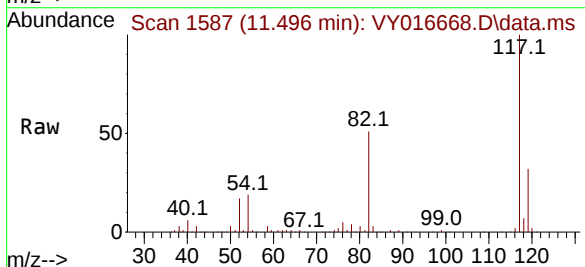
Tgt Ion: 117 Resp: 239864

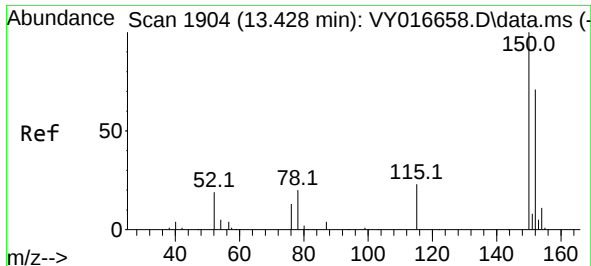
Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016668.D

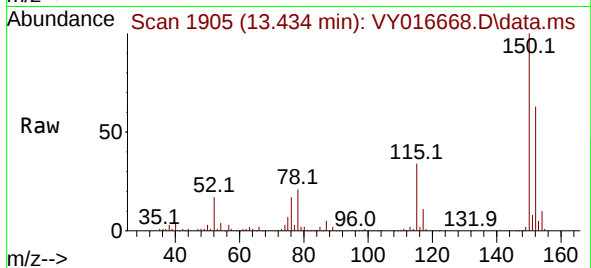
Acq: 16 Dec 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

PE-6



Tgt Ion:152 Resp: 91209

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 158.1 0.0 348.8

