

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016664.D
 Acq On : 16 Dec 2023 11:03
 Operator : SY/MD
 Sample : VY1216SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBL01

Quant Time: Dec 18 00:36:46 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)

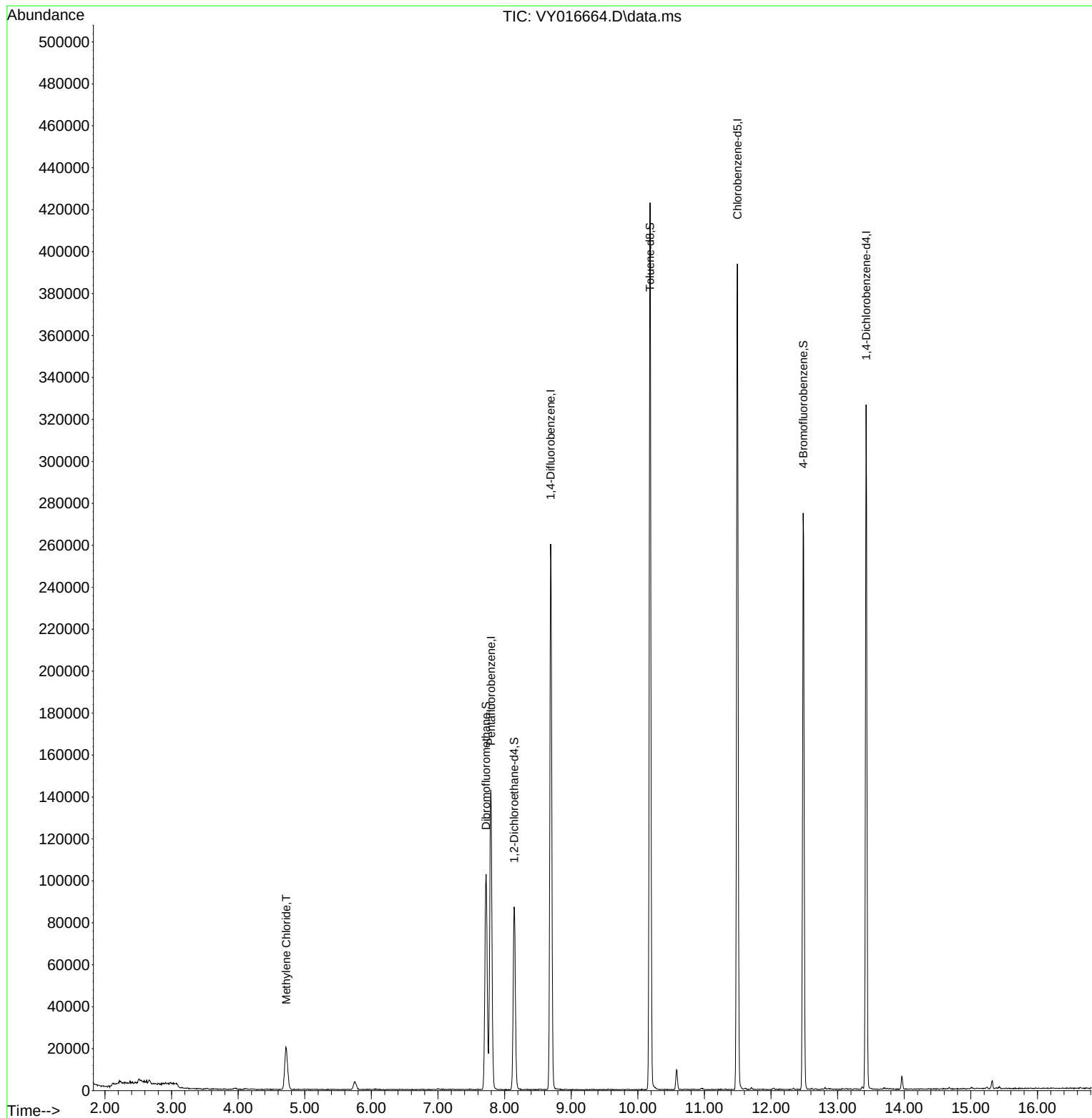
Internal Standards						
1) Pentafluorobenzene	7.795	168	118667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231152	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	223331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68535	70.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.040%	
35) Dibromofluoromethane	7.722	113	75852	61.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.360%	
50) Toluene-d8	10.185	98	276878	56.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.483	95	82739	52.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	15842	8.676	ug/l	90

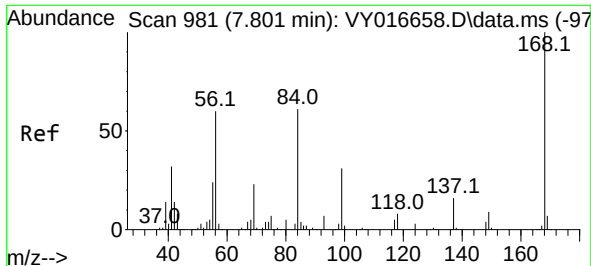
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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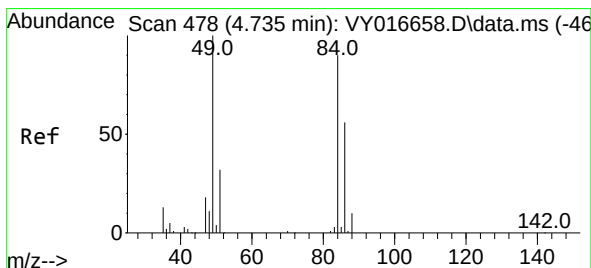
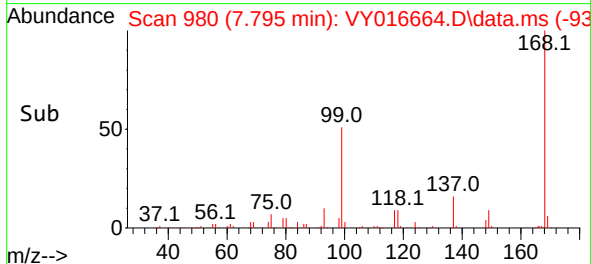
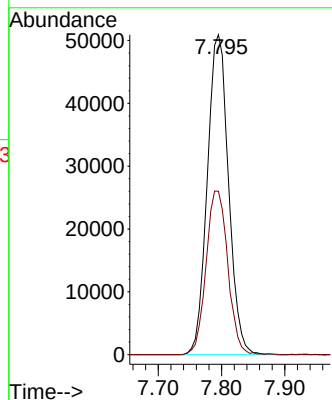
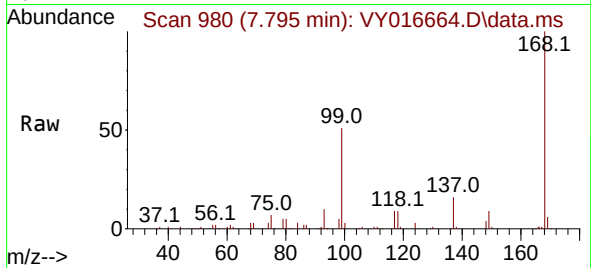




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

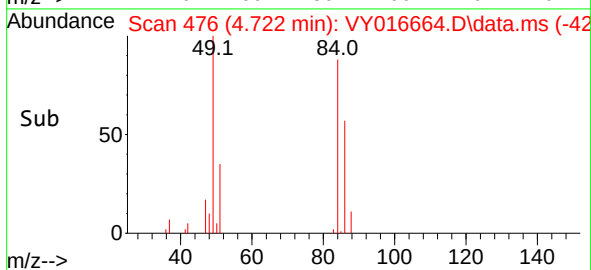
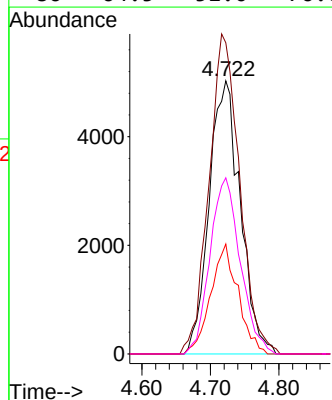
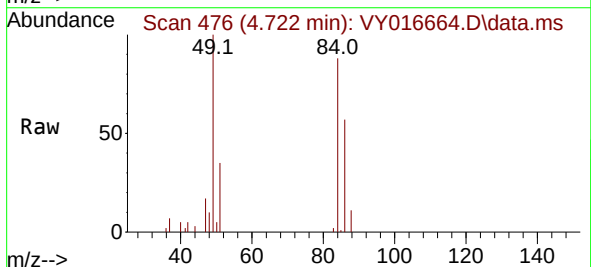
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBL01

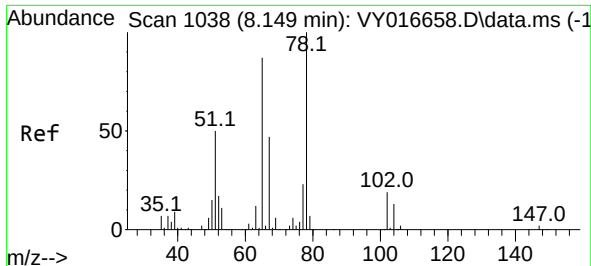
Tgt Ion:168 Resp: 118667
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#20
Methylene Chloride
Concen: 8.676 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

Tgt Ion: 84 Resp: 15842
Ion Ratio Lower Upper
84 100
49 113.9 106.9 160.3
51 40.3 33.2 49.8
86 64.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 70.522 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

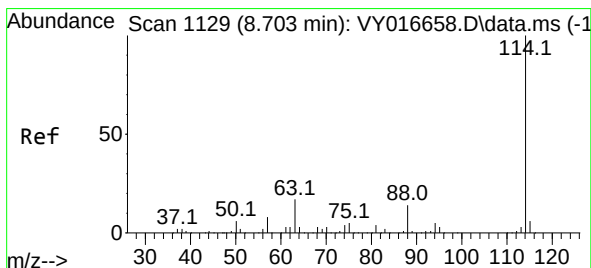
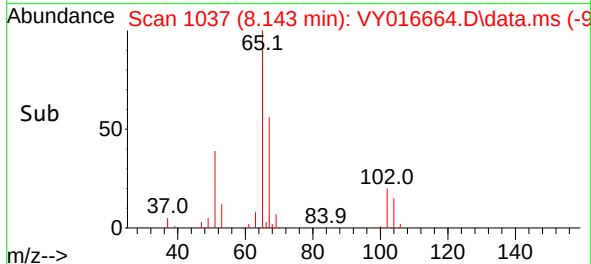
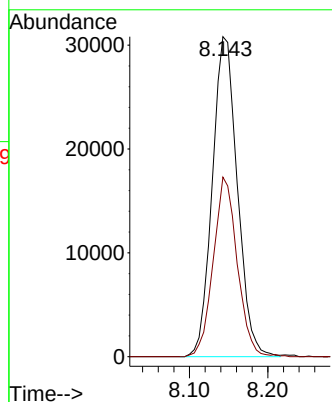
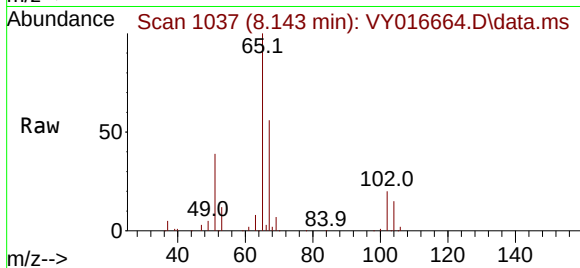
VY1216SBL01

Tgt Ion: 65 Resp: 68535

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016664.D

Acq: 16 Dec 2023 11:03

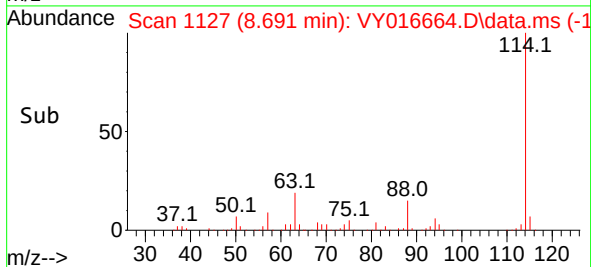
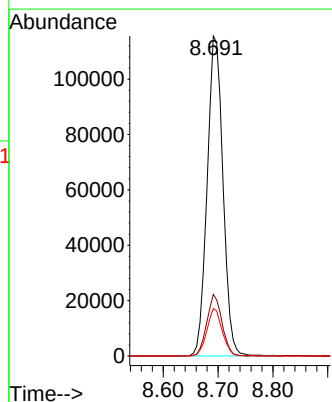
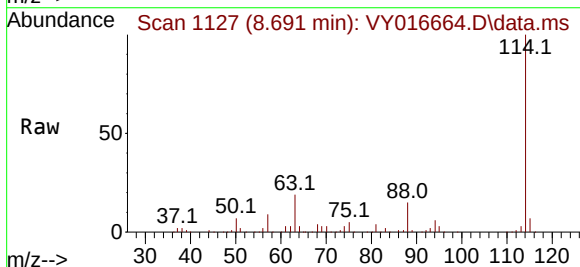
Tgt Ion: 114 Resp: 231152

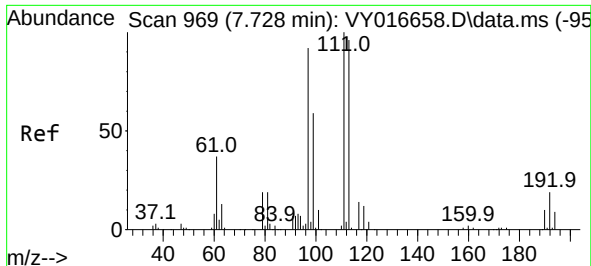
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.8 0.0 30.6

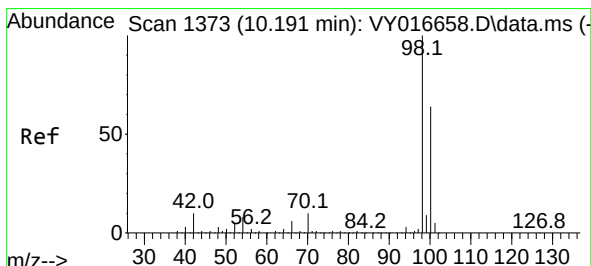
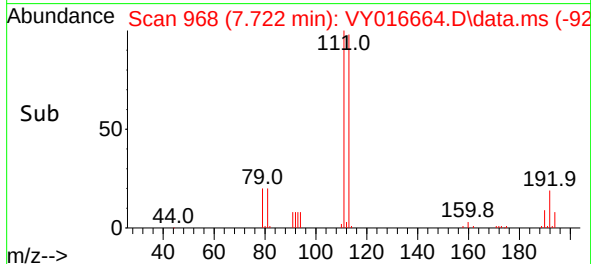
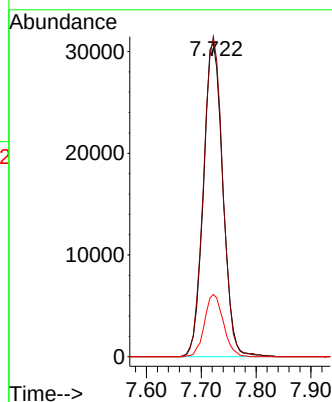
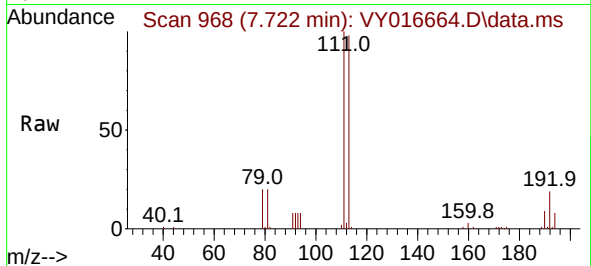




#35
 Dibromofluoromethane
 Concen: 61.177 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY016664.D
 Acq: 16 Dec 2023 11:03

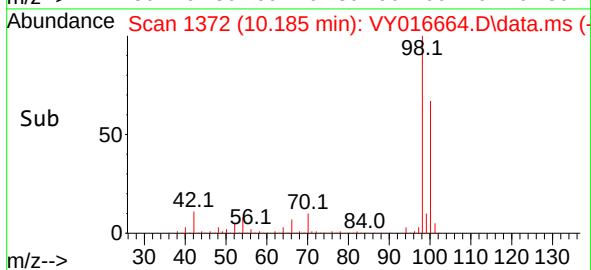
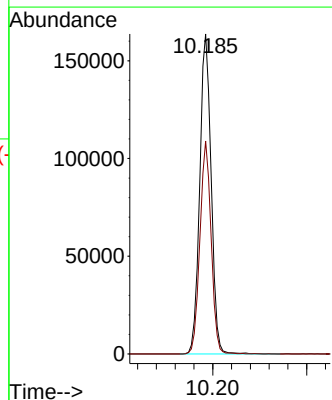
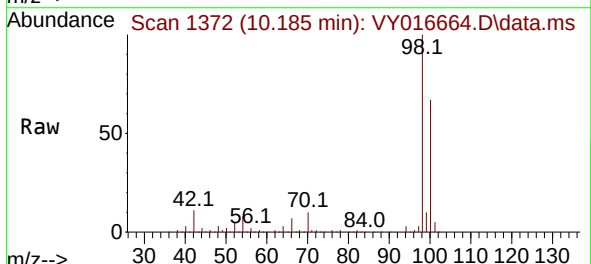
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBL01

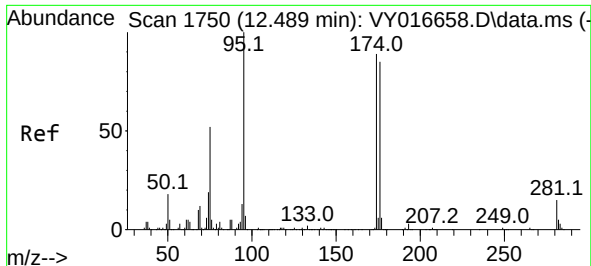
Tgt Ion:113	Resp:	75852	
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.3	121.9
192	19.3	16.9	25.3



#50
 Toluene-d8
 Concen: 56.364 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016664.D
 Acq: 16 Dec 2023 11:03

Tgt Ion: 98	Resp: 276878
Ion Ratio	Lower Upper
98 100	
100 65.3	50.1 75.1

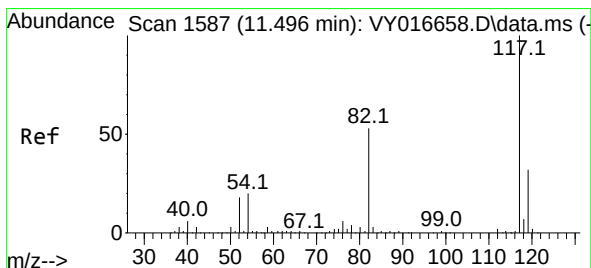
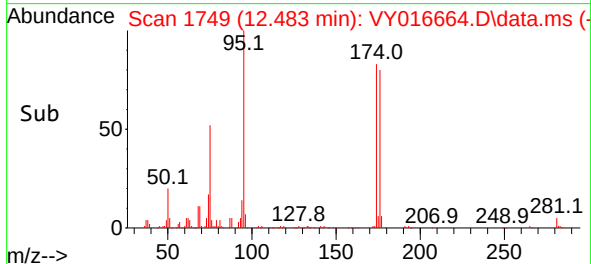
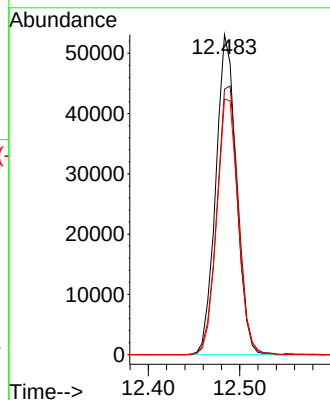
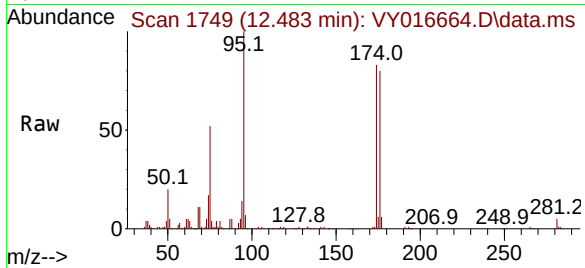




#62
4-Bromofluorobenzene
Concen: 52.072 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

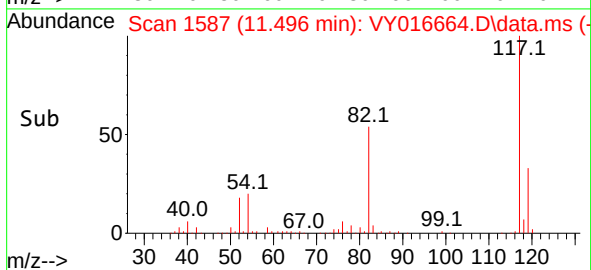
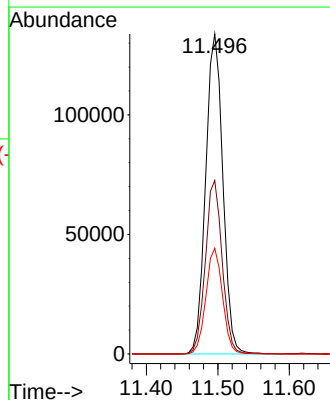
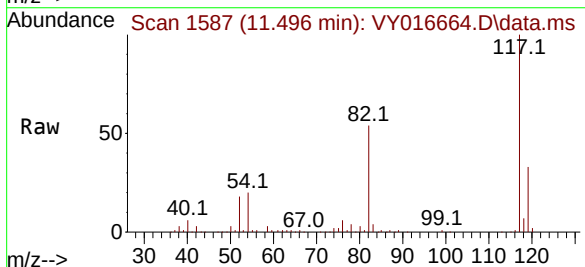
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBL01

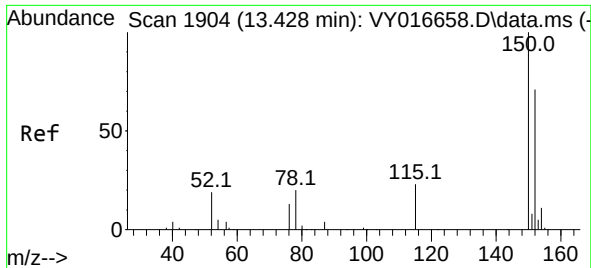
Tgt Ion: 95 Resp: 82739
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 83.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY016664.D
Acq: 16 Dec 2023 11:03

Tgt Ion: 117 Resp: 223331
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 33.1 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: VY016664.D

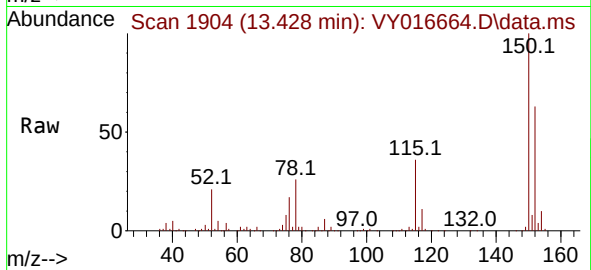
Acq: 16 Dec 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBL01



Tgt Ion:152 Resp: 83342

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 157.1 0.0 348.8

