

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016804.D
 Acq On : 22 Dec 2023 13:24
 Operator : SY/MD
 Sample : VY1222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1222SBL01

Quant Time: Dec 22 22:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

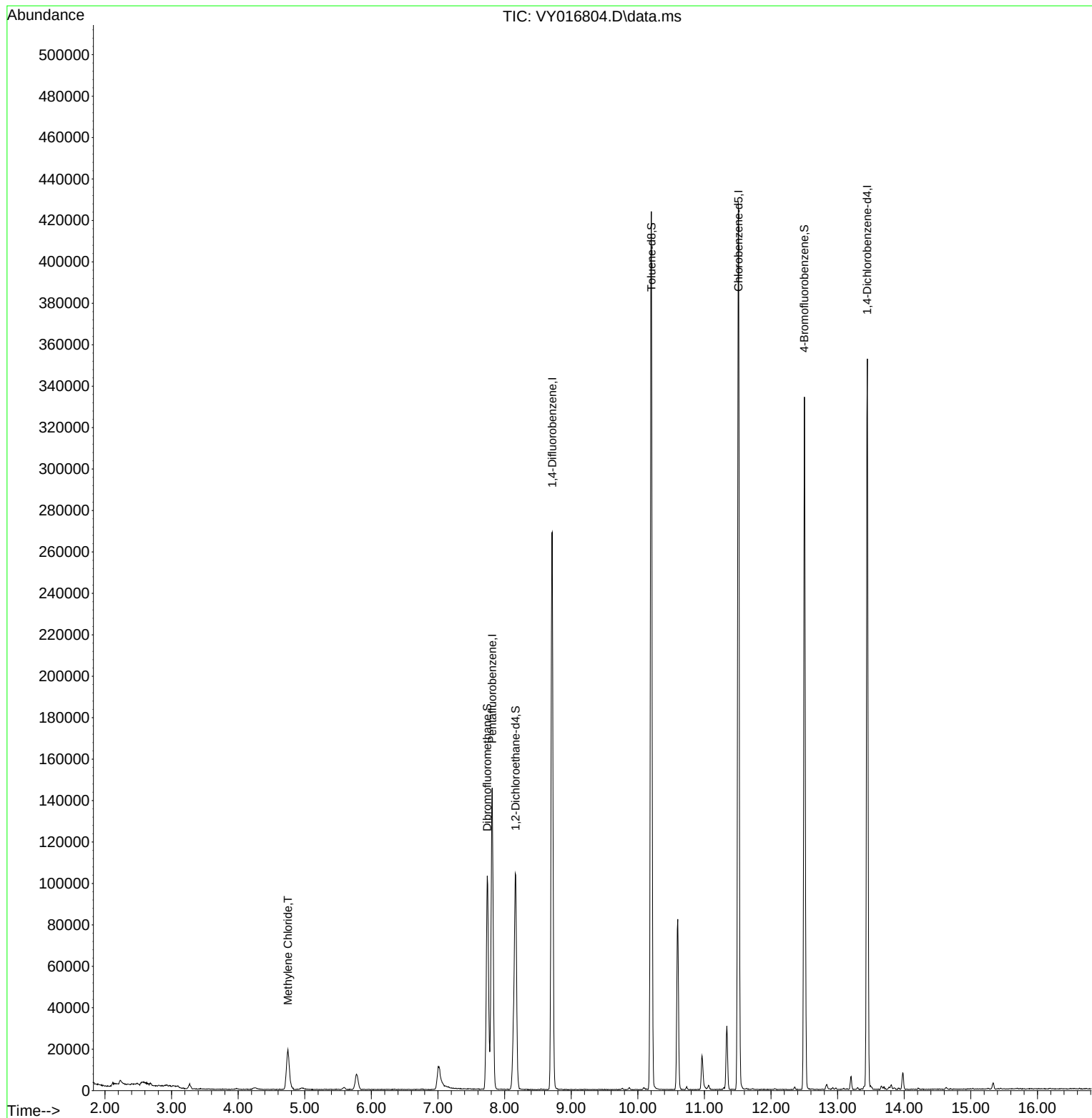
Internal Standards						
1) Pentafluorobenzene	7.813	168	106722	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	232236	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	236832	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	88187	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	71716	73.611	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.220%
35) Dibromofluoromethane	7.740	113	74736	56.180	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.360%
50) Toluene-d8	10.203	98	273669	57.067	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.140%
62) 4-Bromofluorobenzene	12.502	95	89289	57.390	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.780%
Target Compounds						
20) Methylene Chloride	4.747	84	14543	8.116	ug/l	98

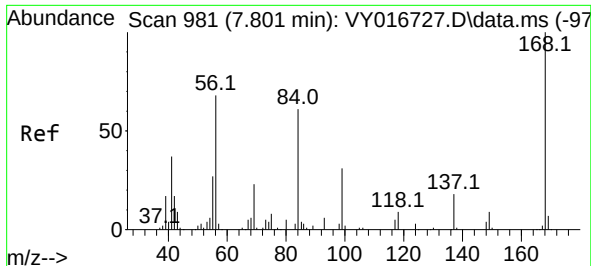
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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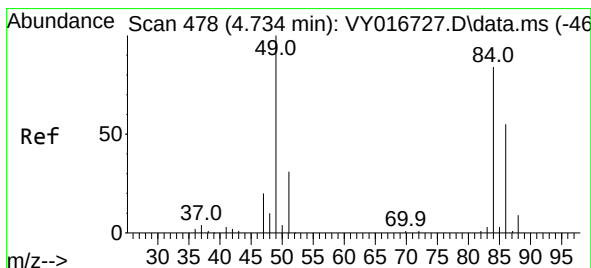
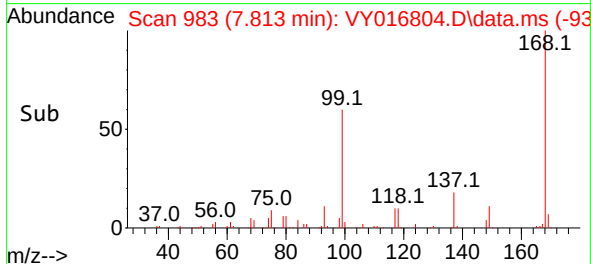
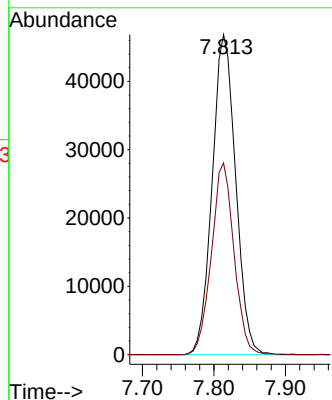
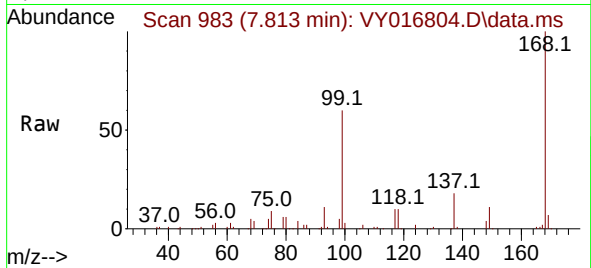




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

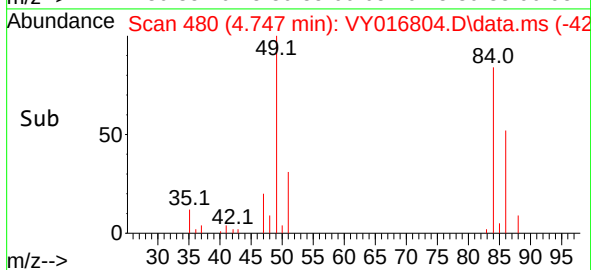
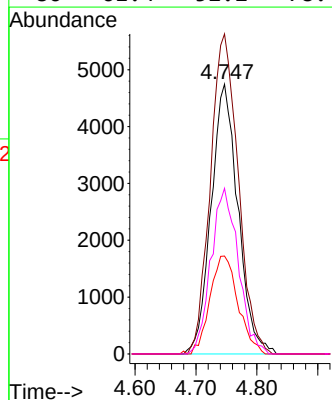
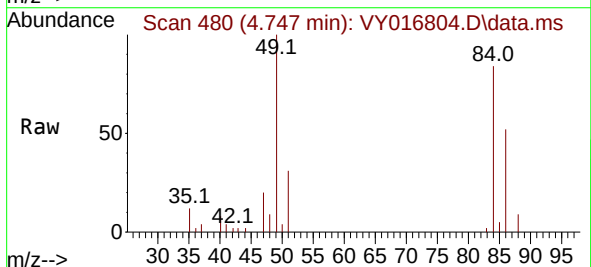
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

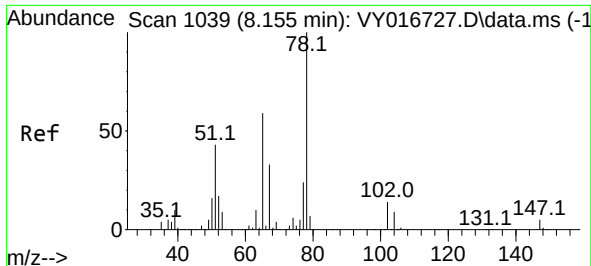
Tgt Ion:168 Resp: 106722
Ion Ratio Lower Upper
168 100
99 59.9 44.2 66.4



#20
Methylene Chloride
Concen: 8.116 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 84 Resp: 14543
Ion Ratio Lower Upper
84 100
49 118.6 95.2 142.8
51 36.3 29.9 44.9
86 61.4 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 73.611 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

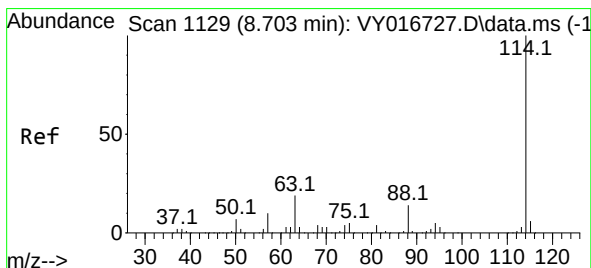
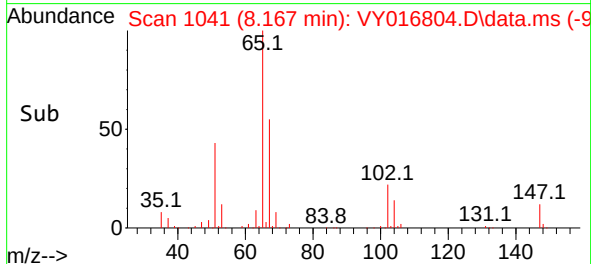
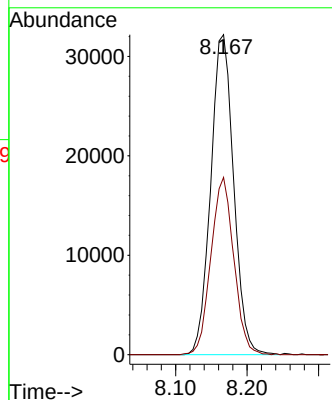
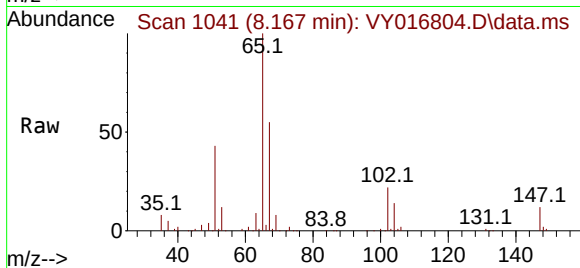
VY1222SBL01

Tgt Ion: 65 Resp: 71716

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016804.D

Acq: 22 Dec 2023 13:24

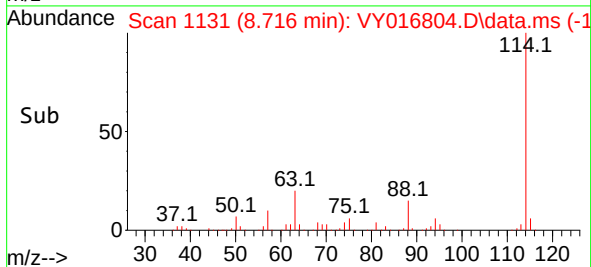
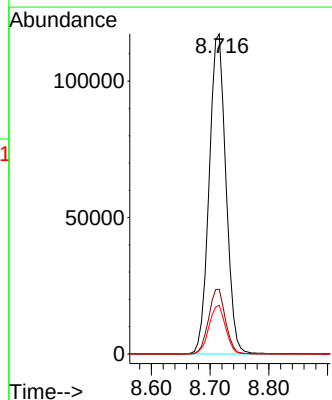
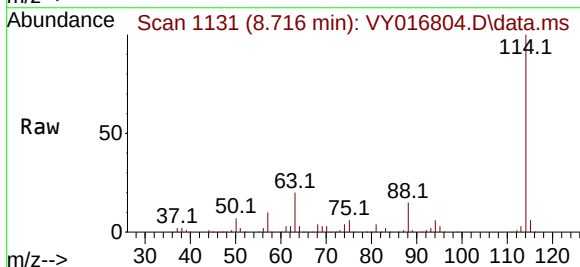
Tgt Ion: 114 Resp: 232236

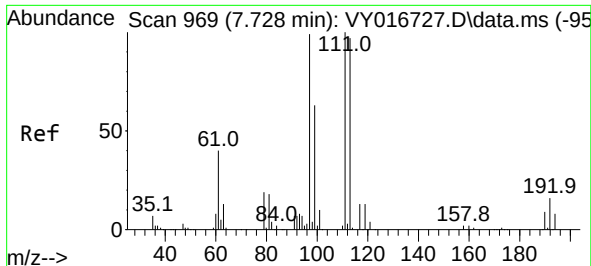
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.2 0.0 29.0

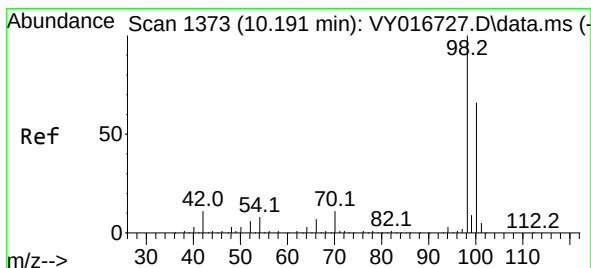
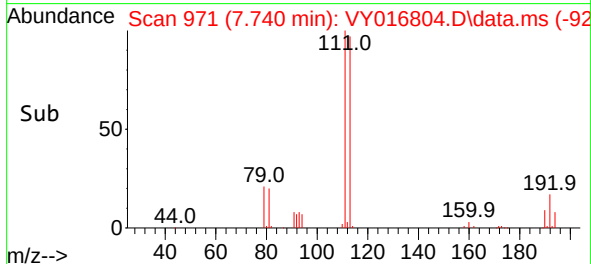
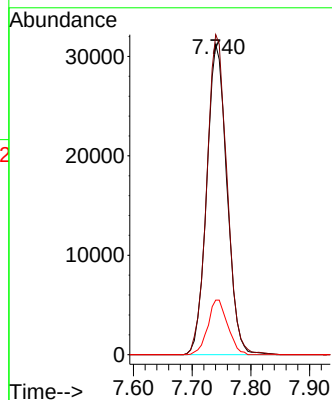
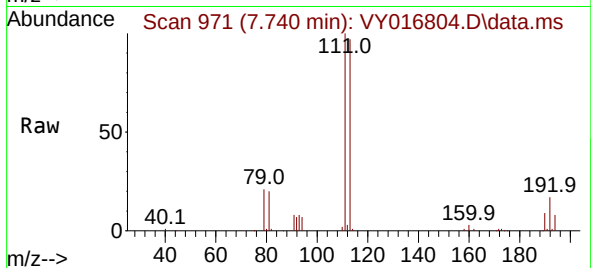




#35
Dibromofluoromethane
Concen: 56.180 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

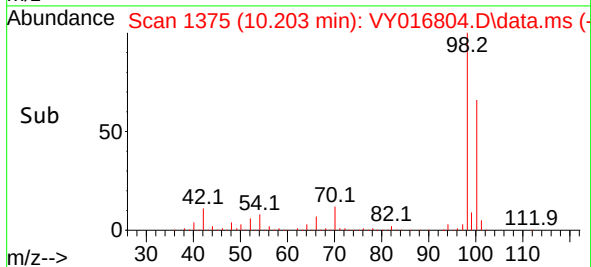
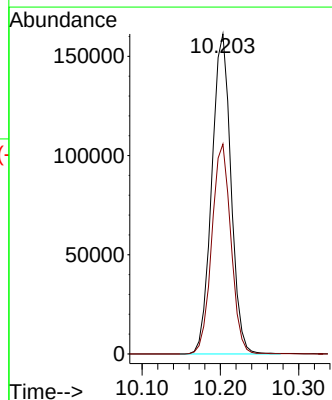
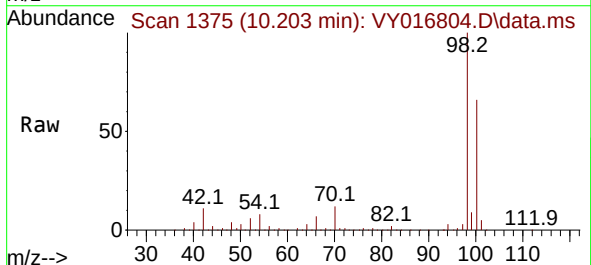
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

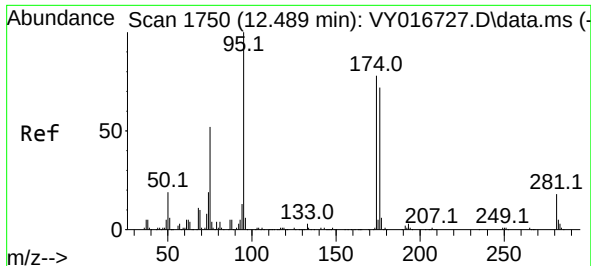
Tgt Ion:113 Resp: 74736
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.3 14.5 21.7



#50
Toluene-d8
Concen: 57.067 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 98 Resp: 273669
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

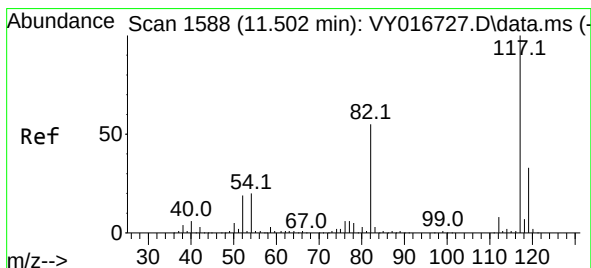
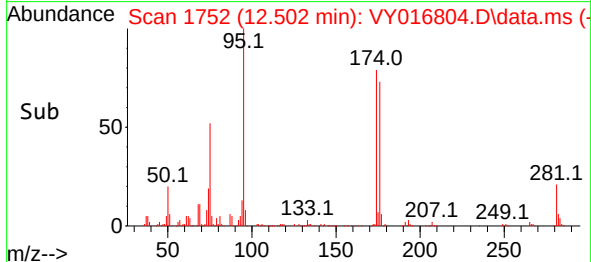
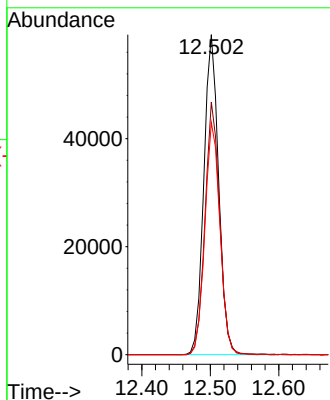
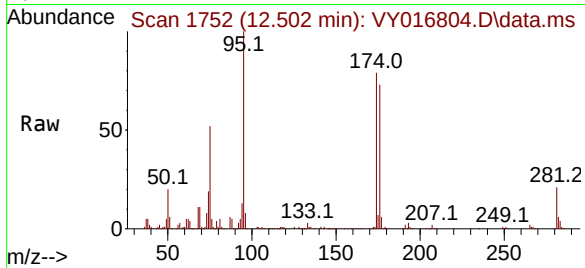




#62
4-Bromofluorobenzene
Concen: 57.390 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

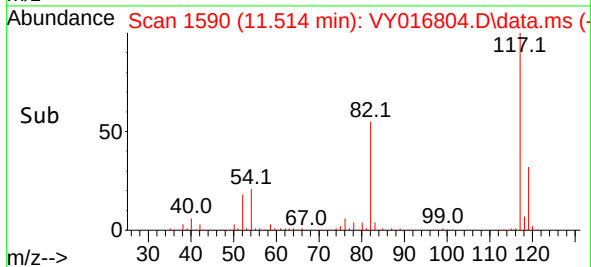
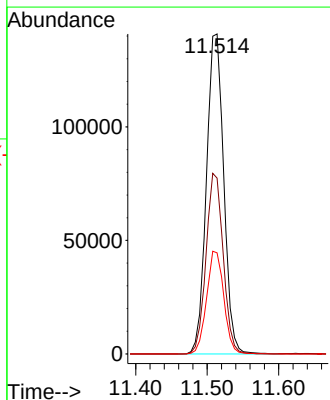
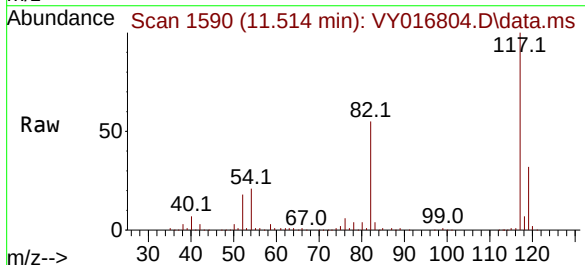
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL01

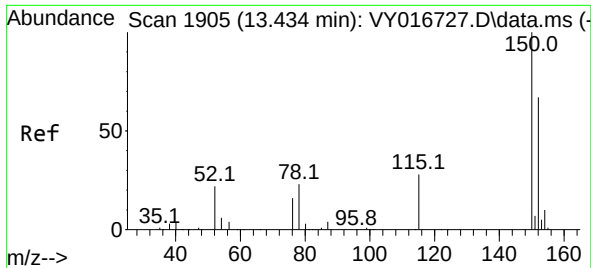
Tgt Ion: 95 Resp: 89289
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 74.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016804.D
Acq: 22 Dec 2023 13:24

Tgt Ion: 117 Resp: 236832
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016804.D

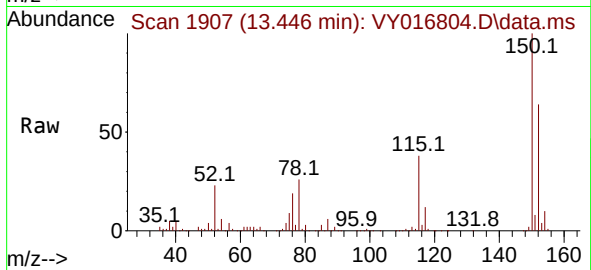
Acq: 22 Dec 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1222SBL01



Tgt Ion:152 Resp: 88187

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 155.7 0.0 344.6

