

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016783.D
 Acq On : 22 Dec 2023 02:38
 Operator : SY/MD
 Sample : 05876-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX5

Quant Time: Dec 22 03:18:24 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)

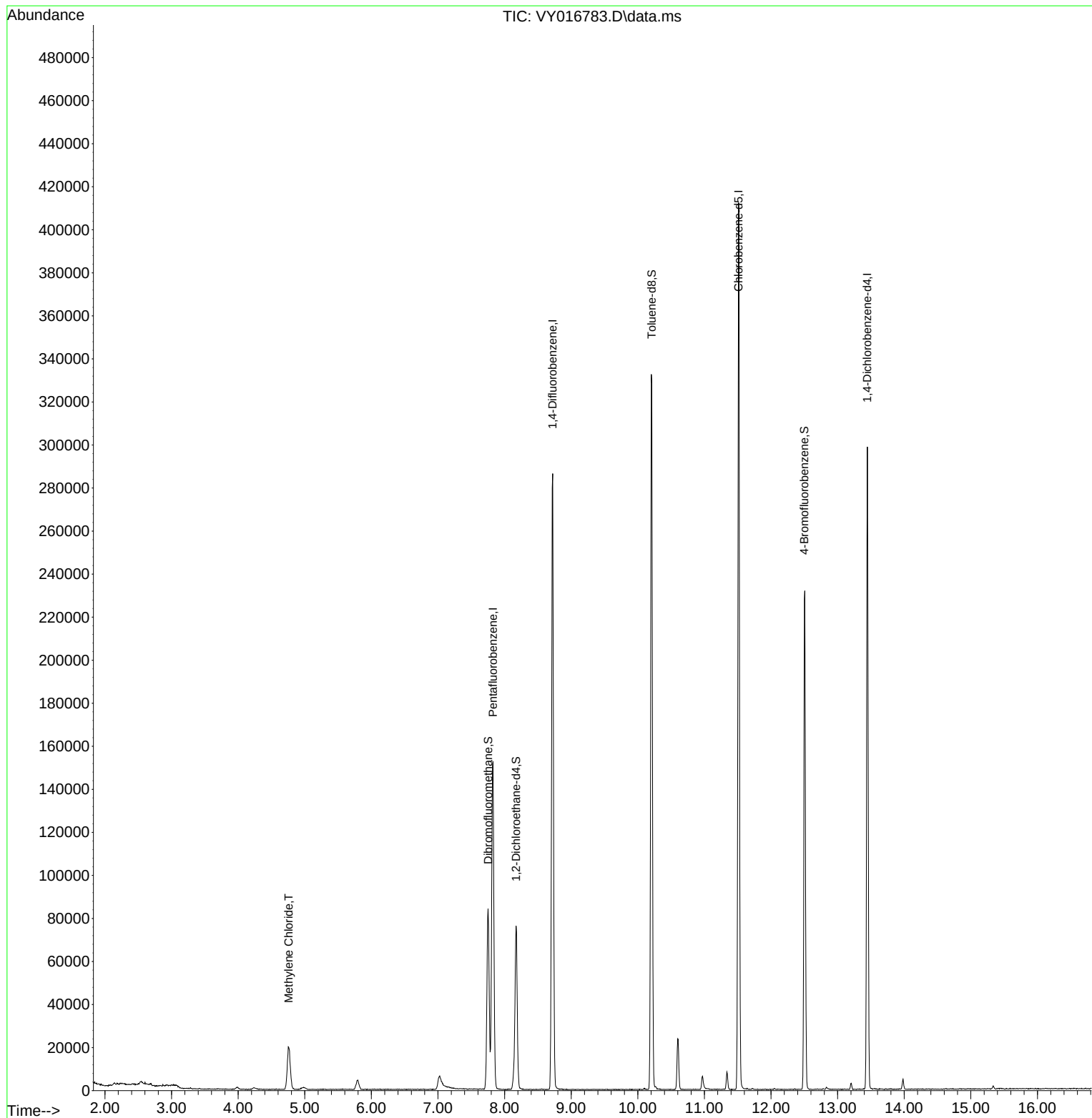
Internal Standards						
1) Pentafluorobenzene	7.825	168	116693	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	245100	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	219067	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74012	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	56642	53.171	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.340%
35) Dibromofluoromethane	7.752	113	61853	44.055	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.120%
50) Toluene-d8	10.209	98	221833	43.830	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.660%
62) 4-Bromofluorobenzene	12.501	95	68418	41.667	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.340%
Target Compounds						
20) Methylene Chloride	4.759	84	15366	7.741	ug/l	93

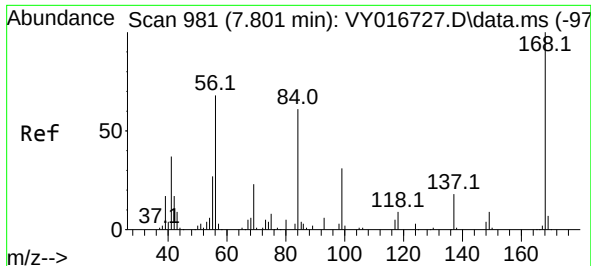
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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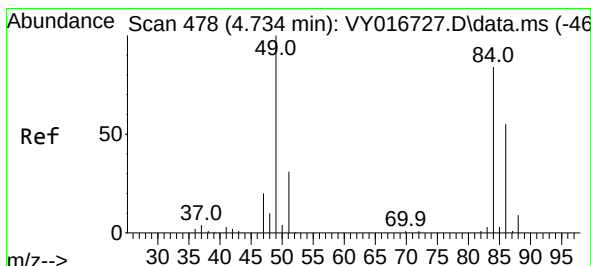
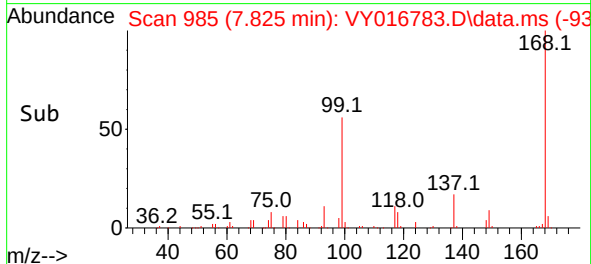
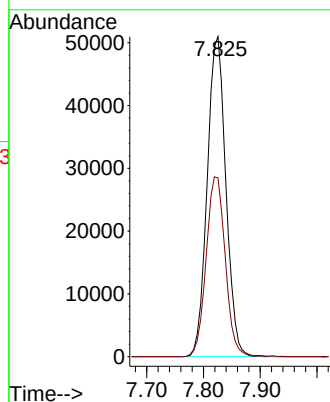
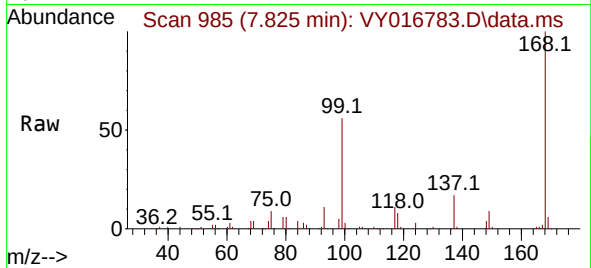




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016783.D
Acq: 22 Dec 2023 02:38

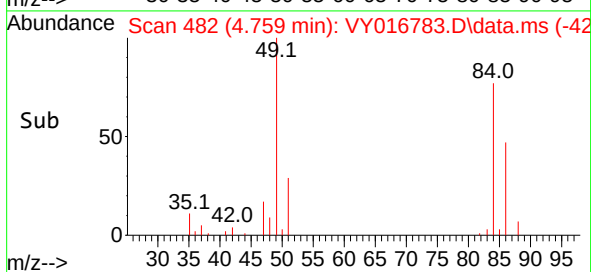
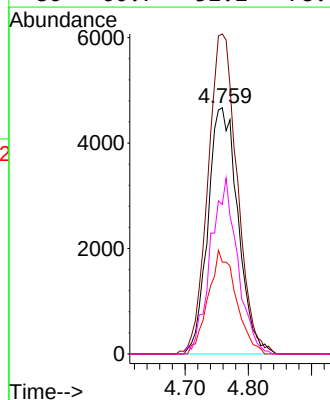
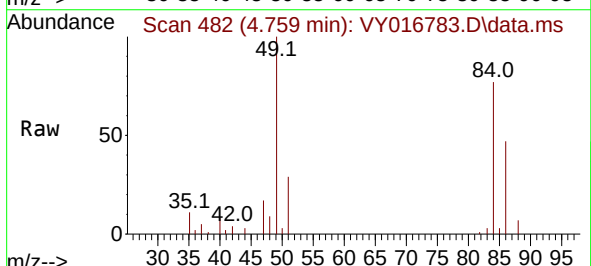
Instrument :
MSVOA_Y
ClientSampleId :
COLX5

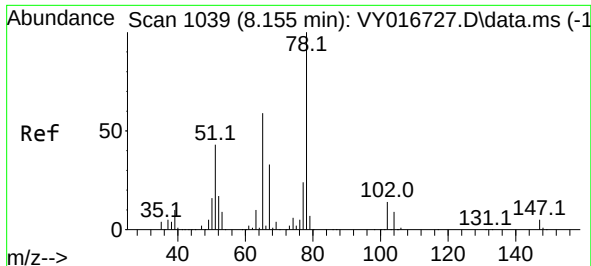
Tgt Ion:168 Resp: 116693
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#20
Methylene Chloride
Concen: 7.741 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016783.D
Acq: 22 Dec 2023 02:38

Tgt Ion: 84 Resp: 15366
Ion Ratio Lower Upper
84 100
49 130.0 95.2 142.8
51 37.3 29.9 44.9
86 60.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 53.171 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016783.D

Acq: 22 Dec 2023 02:38

Instrument :

MSVOA_Y

ClientSampleId :

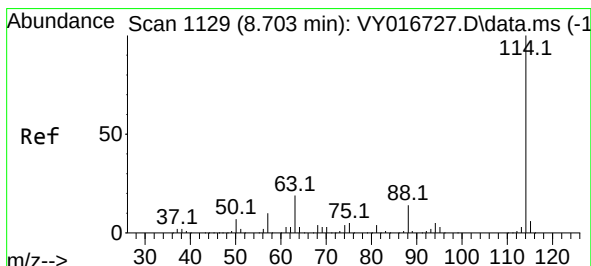
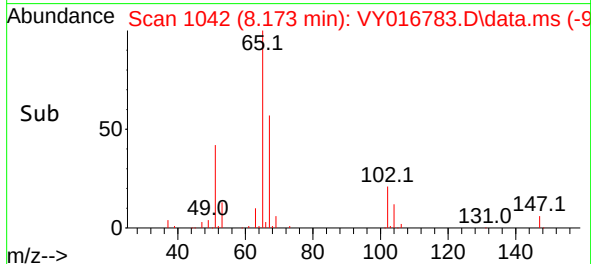
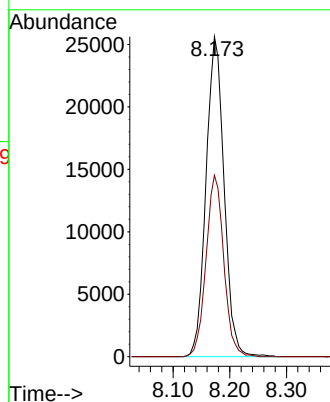
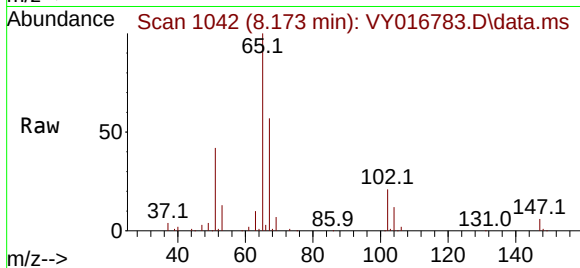
COLX5

Tgt Ion: 65 Resp: 56642

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016783.D

Acq: 22 Dec 2023 02:38

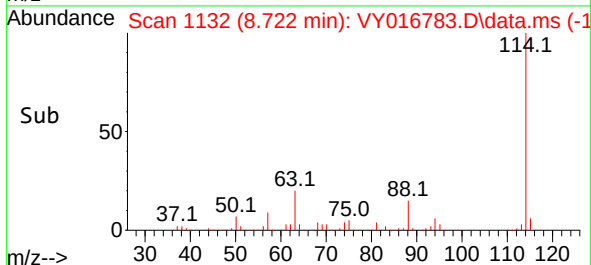
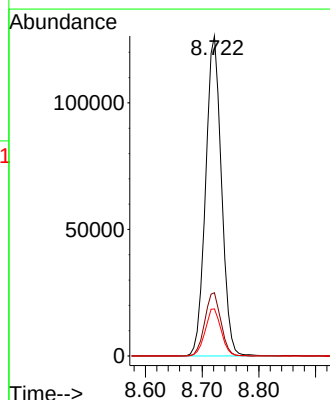
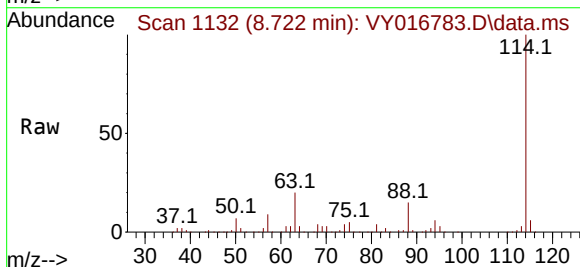
Tgt Ion: 114 Resp: 245100

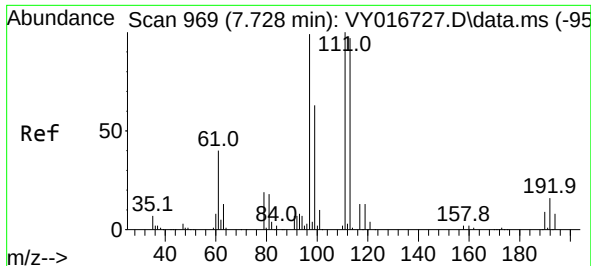
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.7 0.0 29.0

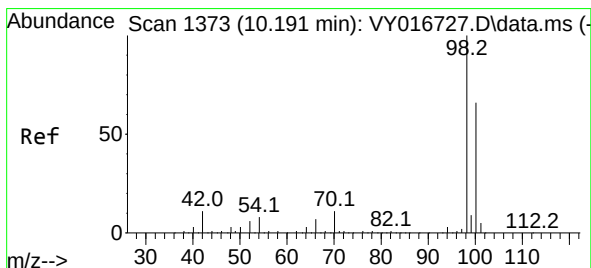
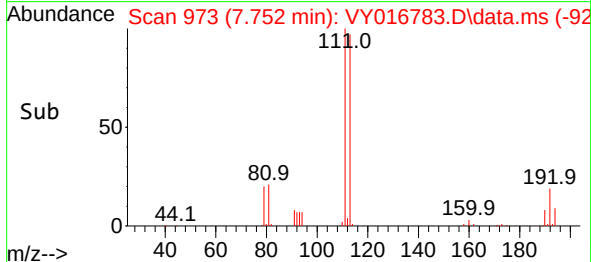
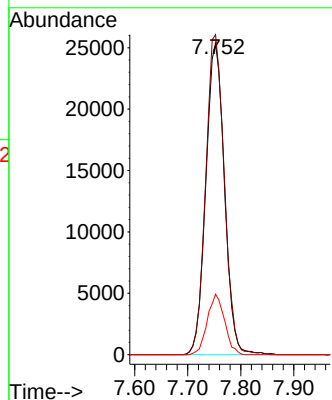
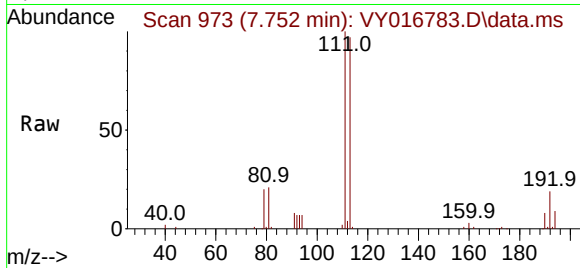




#35
Dibromofluoromethane
Concen: 44.055 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016783.D
Acq: 22 Dec 2023 02:38

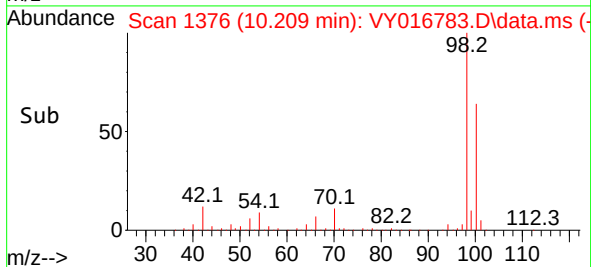
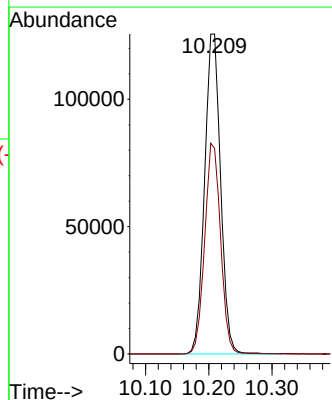
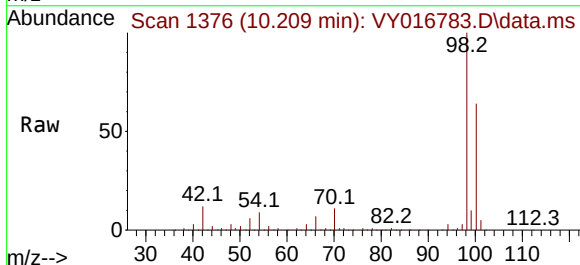
Instrument :
MSVOA_Y
ClientSampleId :
COLX5

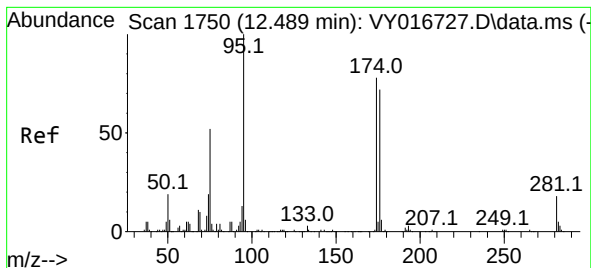
Tgt Ion:113 Resp: 61853
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.1 14.5 21.7



#50
Toluene-d8
Concen: 43.830 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY016783.D
Acq: 22 Dec 2023 02:38

Tgt Ion: 98 Resp: 221833
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

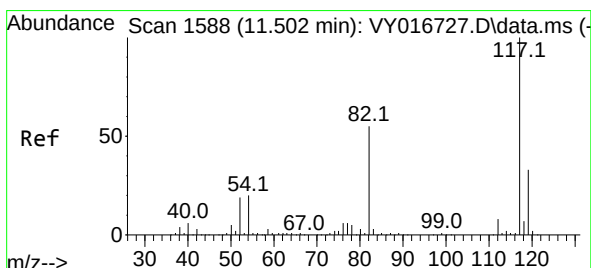
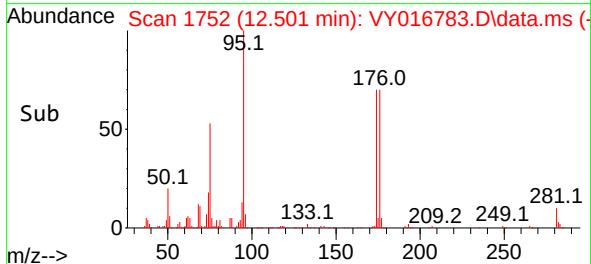
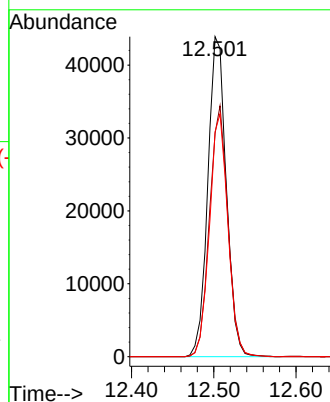
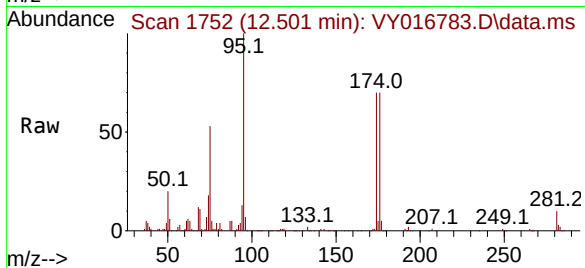




#62
4-Bromofluorobenzene
Concen: 41.667 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016783.D
Acq: 22 Dec 2023 02:38

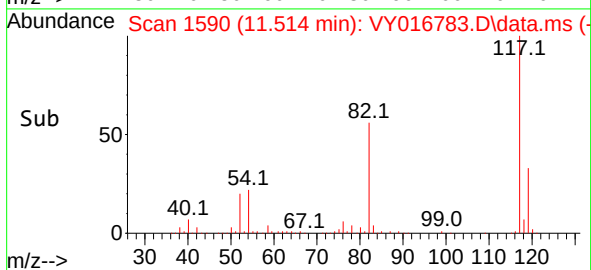
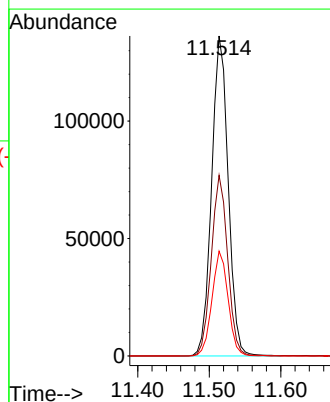
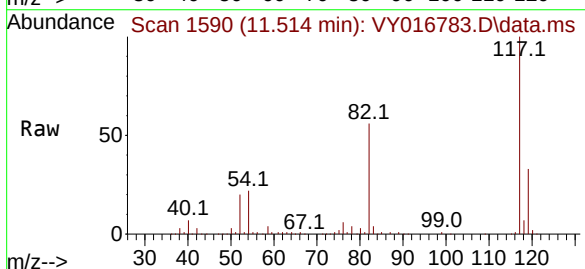
Instrument :
MSVOA_Y
ClientSampleId :
COLX5

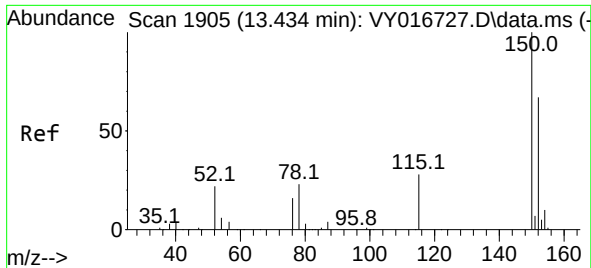
Tgt Ion: 95 Resp: 68418
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 75.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016783.D
Acq: 22 Dec 2023 02:38

Tgt Ion: 117 Resp: 219067
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 32.8 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: VY016783.D

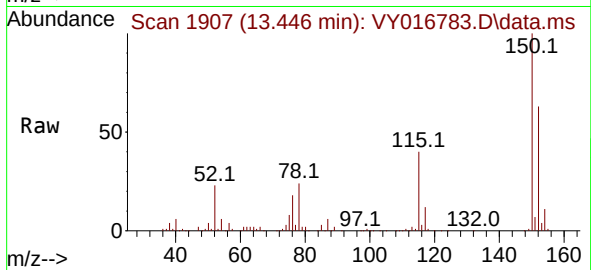
Acq: 22 Dec 2023 02:38

Instrument :

MSVOA_Y

ClientSampleId :

COLX5



Tgt Ion:152 Resp: 74012

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 158.0 0.0 344.6

