

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013411.D
 Acq On : 24 Apr 2023 19:24
 Operator : KP/MD
 Sample : 02371-11RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-8.0-8.5RE

Quant Time: Apr 25 03:17:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	52745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	70053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21630	37.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.820%
35) Dibromofluoromethane	7.722	113	22090	50.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.179	98	80387	51.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.483	95	16488	31.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.400%

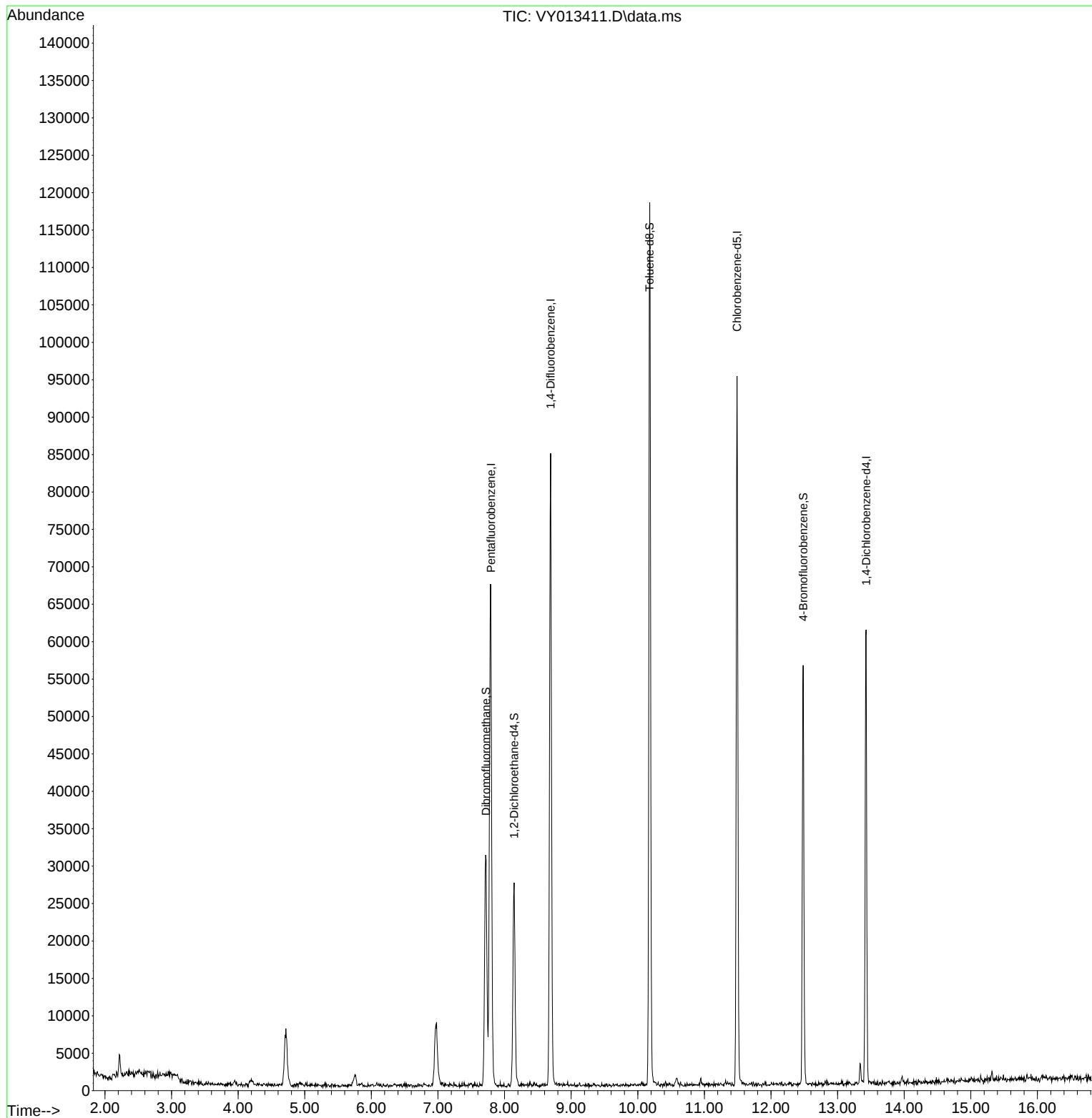
Target Compounds	Qvalue

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

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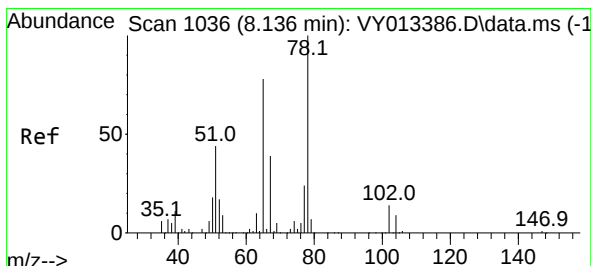
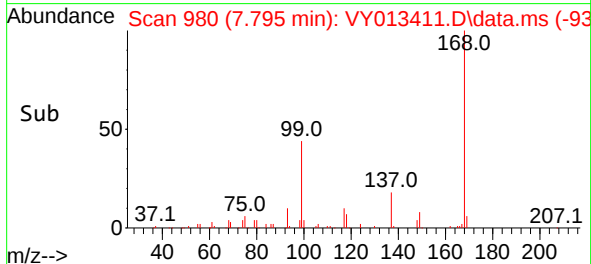
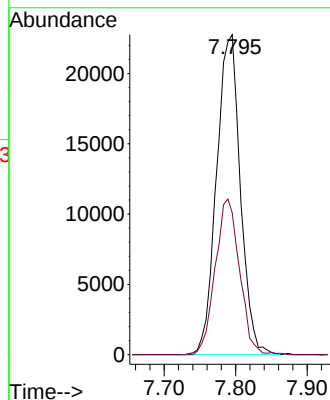
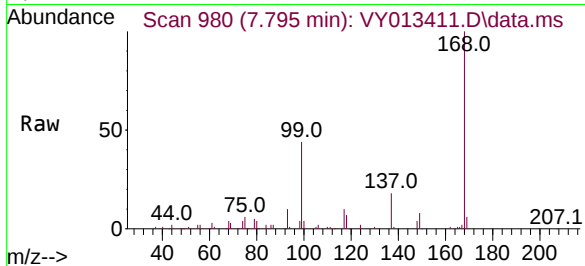




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013411.D
Acq: 24 Apr 2023 19:24

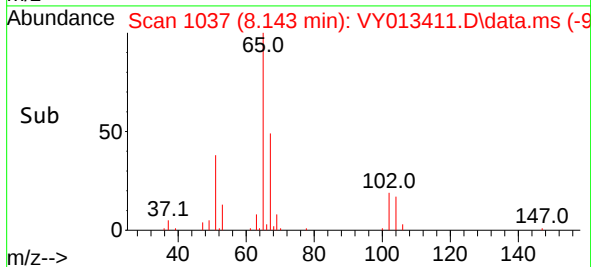
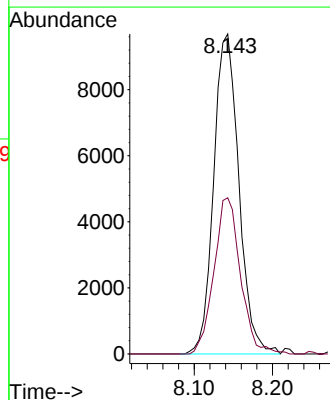
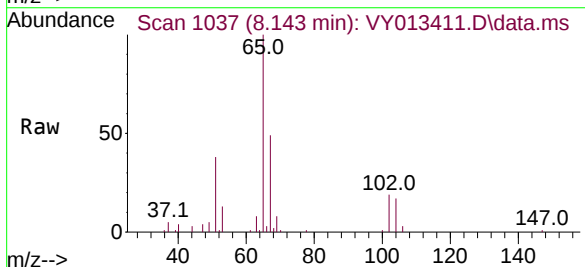
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-8.0-8.5RE

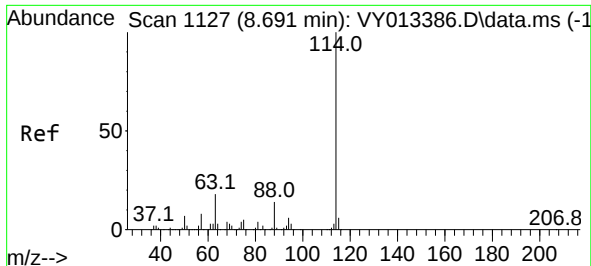
Tgt Ion:168 Resp: 52745
Ion Ratio Lower Upper
168 100
99 44.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 37.409 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013411.D
Acq: 24 Apr 2023 19:24

Tgt Ion: 65 Resp: 21630
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013411.D

Acq: 24 Apr 2023 19:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-8.0-8.5RE

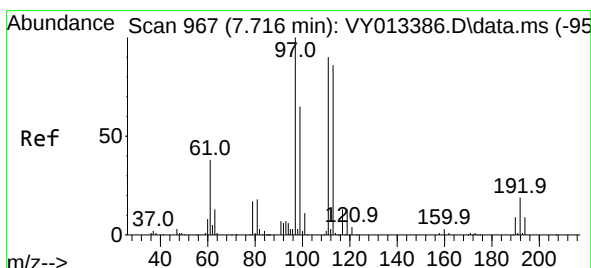
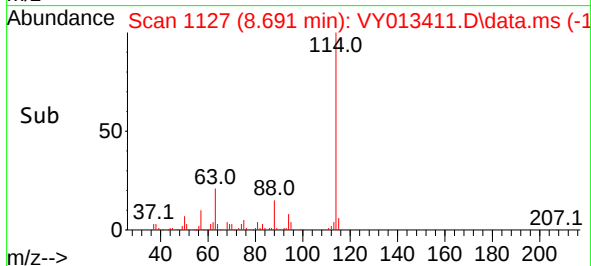
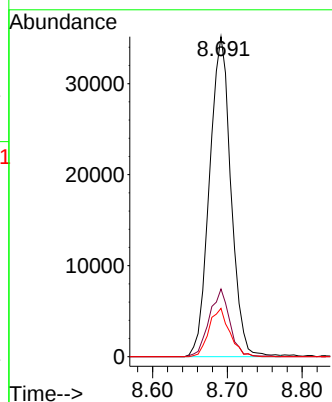
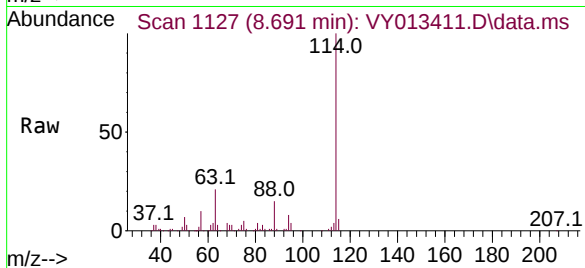
Tgt Ion:114 Resp: 70053

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.136 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013411.D

Acq: 24 Apr 2023 19:24

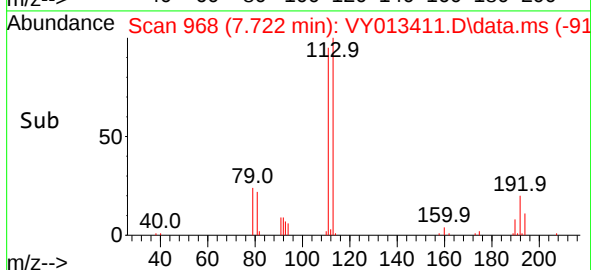
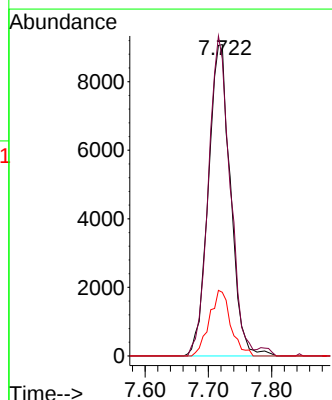
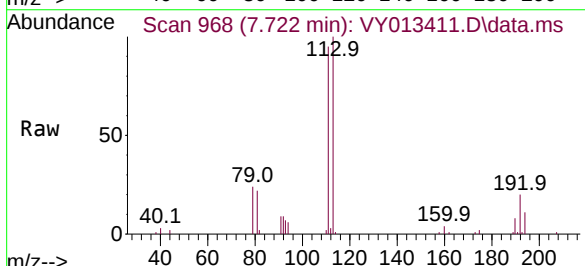
Tgt Ion:113 Resp: 22090

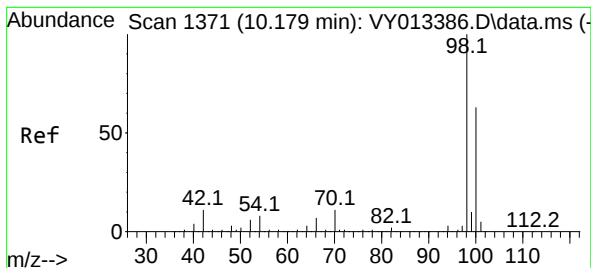
Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.2

192 20.3 16.7 25.1





#50

Toluene-d8

Concen: 51.287 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013411.D

Acq: 24 Apr 2023 19:24

Instrument :

MSVOA_Y

ClientSampleId :

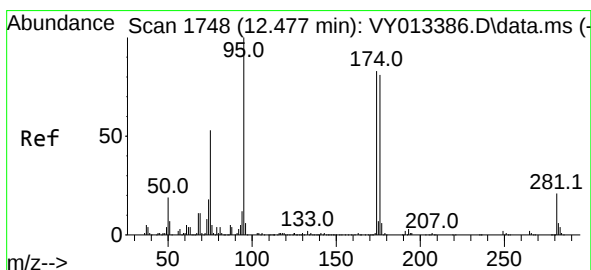
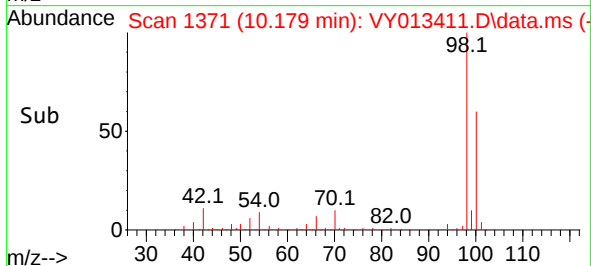
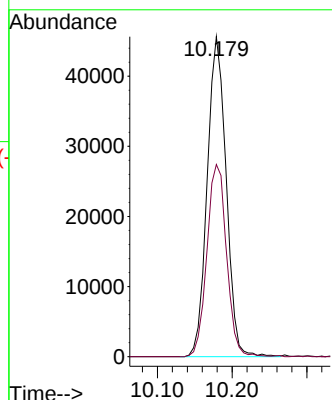
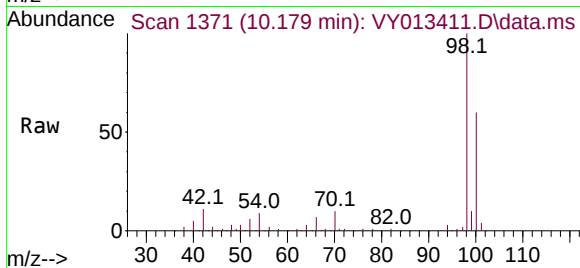
SB-19-8.0-8.5RE

Tgt Ion: 98 Resp: 80387

Ion Ratio Lower Upper

98 100

100 62.1 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 31.203 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013411.D

Acq: 24 Apr 2023 19:24

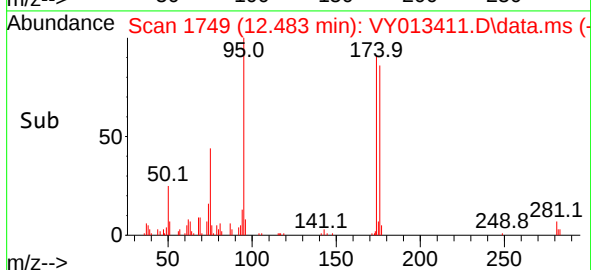
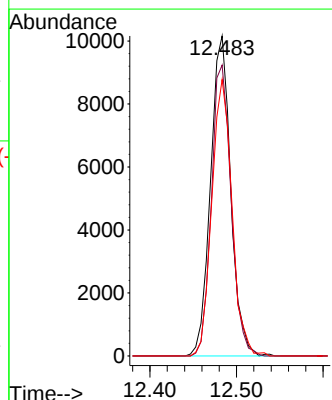
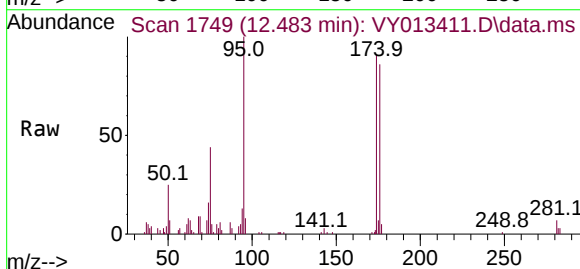
Tgt Ion: 95 Resp: 16488

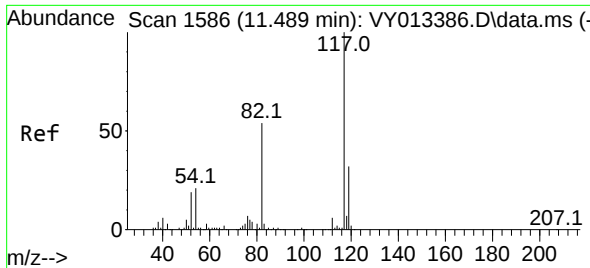
Ion Ratio Lower Upper

95 100

174 88.5 0.0 182.0

176 86.1 0.0 175.4

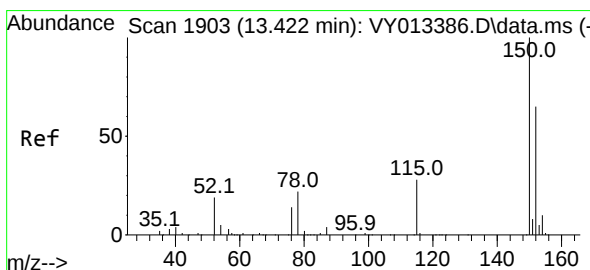
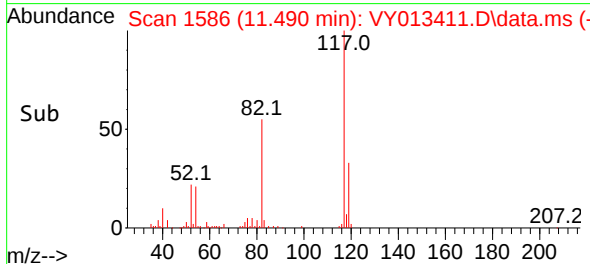
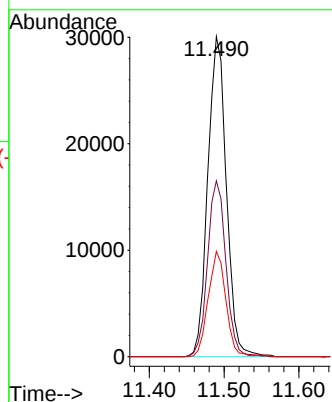
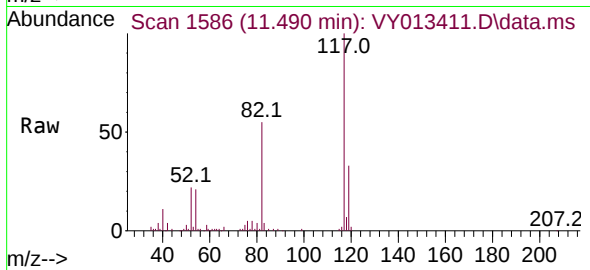




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013411.D
Acq: 24 Apr 2023 19:24

Instrument :
MSVOA_Y
ClientSampleId :
SB-19-8.0-8.5RE

Tgt Ion:	117	Resp:	51935
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.6
119	32.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013411.D
Acq: 24 Apr 2023 19:24

Tgt Ion:	152	Resp:	16353
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.1	84.2
150	150.2	0.0	352.0

