

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013349.D
 Acq On : 19 Apr 2023 16:42
 Operator : KP/MD
 Sample : 02371-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9.0-9.5

Quant Time: Apr 20 06:56:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	10403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4523	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7752	101.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	203.040%#
35) Dibromofluoromethane	7.716	113	5626	83.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	167.080%#
50) Toluene-d8	10.179	98	12579	50.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.483	95	4594	56.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.800%

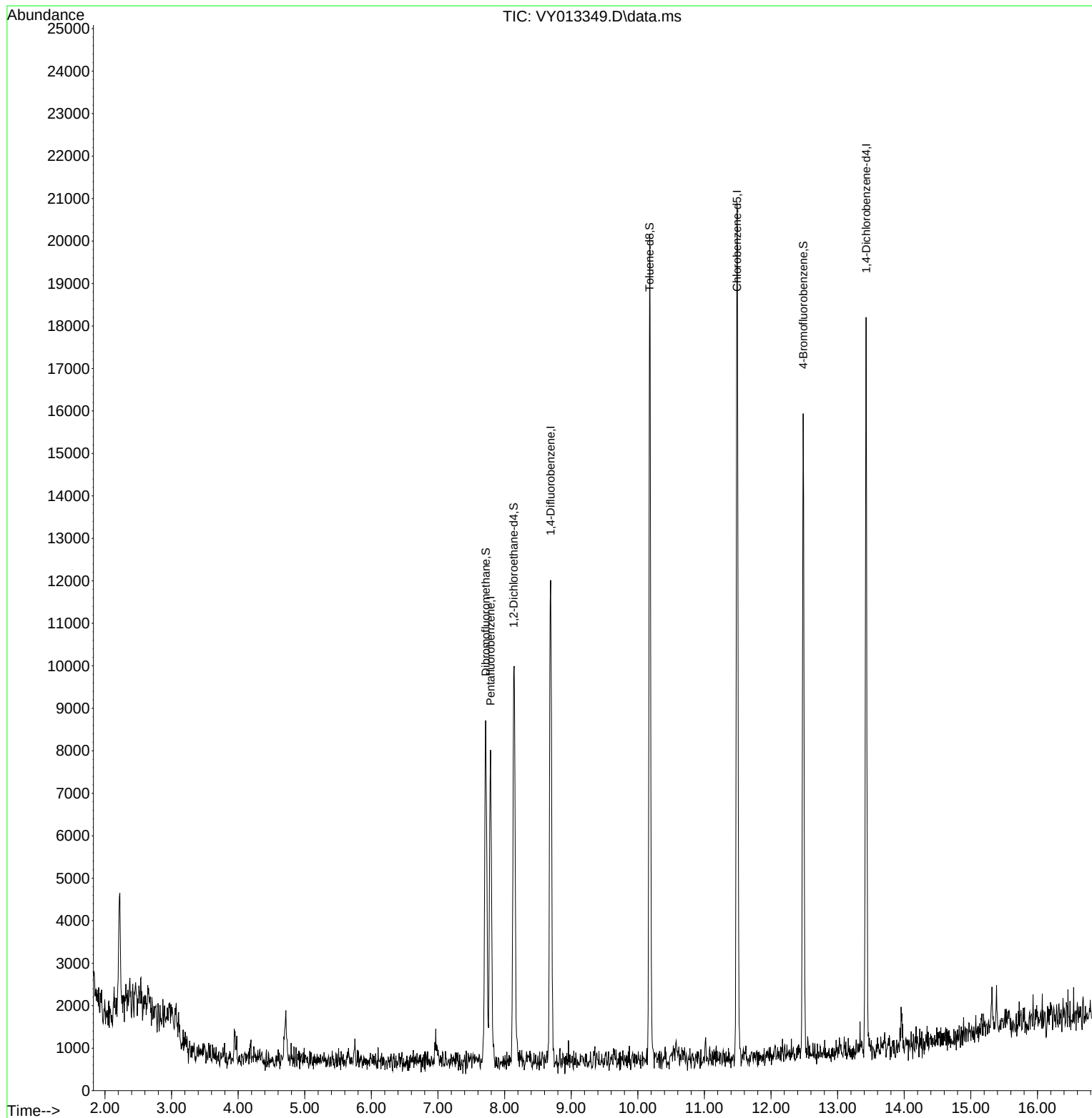
Target Compounds	Qvalue

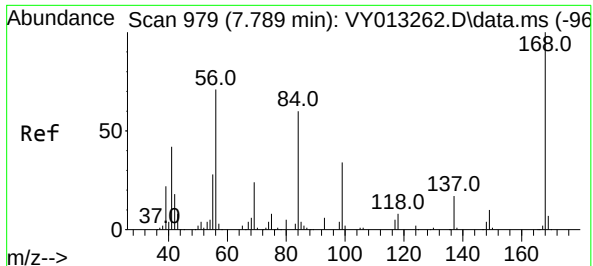
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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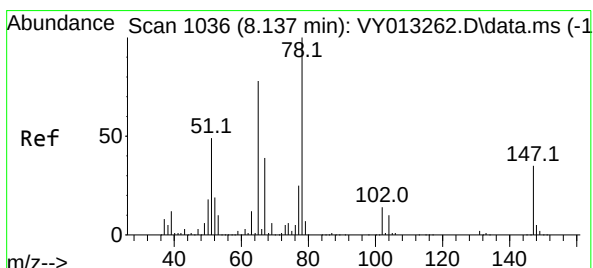
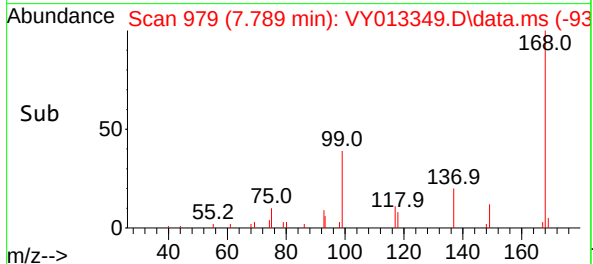
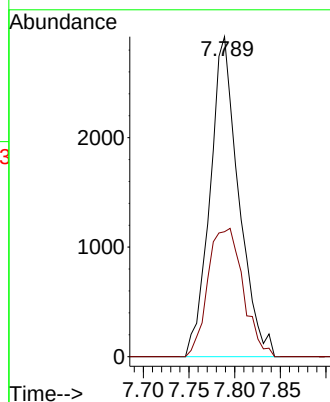
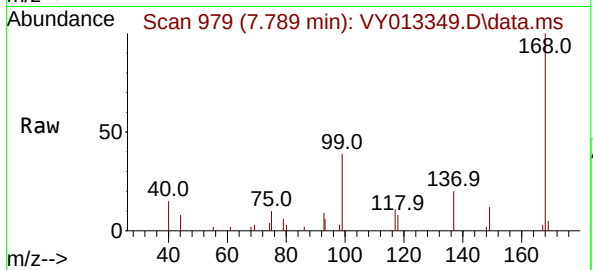




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

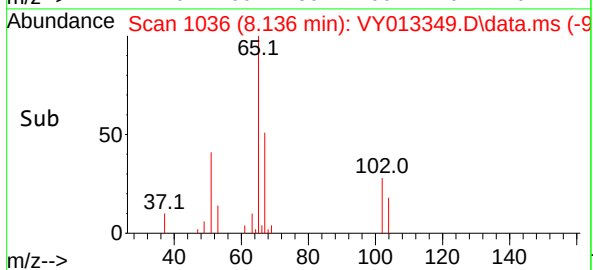
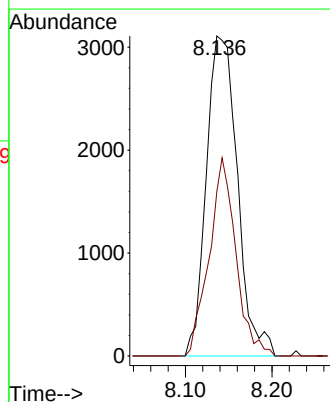
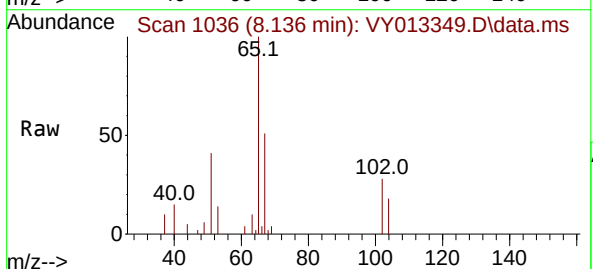
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

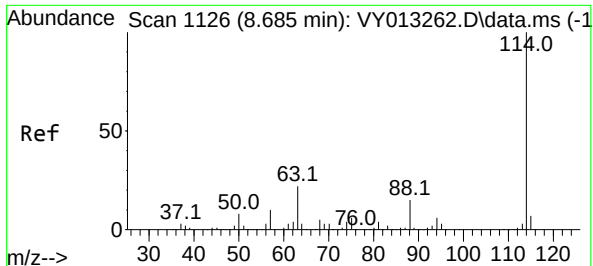
Tgt Ion:168 Resp: 6354
Ion Ratio Lower Upper
168 100
99 39.0 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 101.519 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 65 Resp: 7752
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013349.D

Acq: 19 Apr 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-16-9.0-9.5

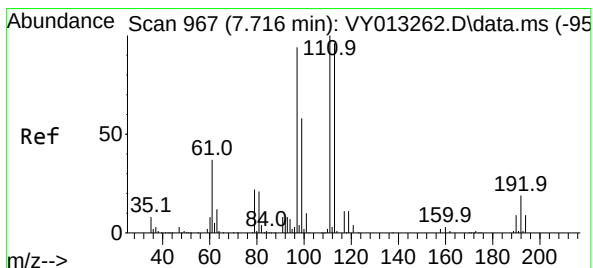
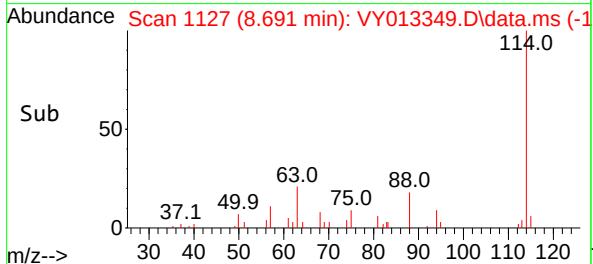
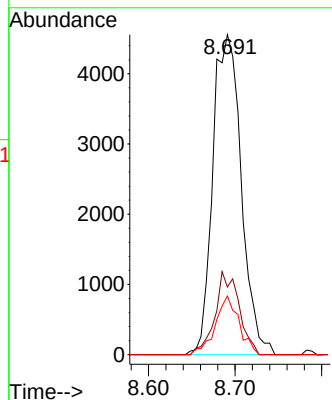
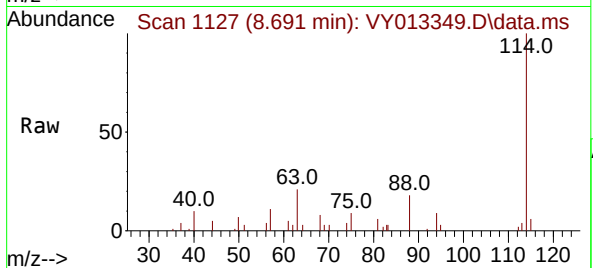
Tgt Ion:114 Resp: 10403

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 18.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 83.536 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013349.D

Acq: 19 Apr 2023 16:42

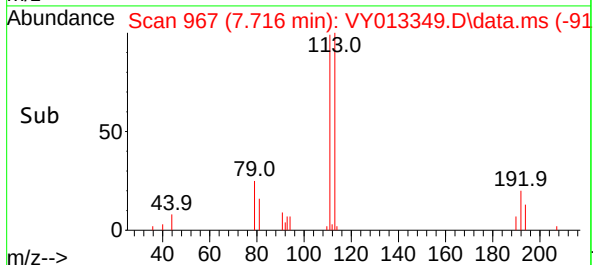
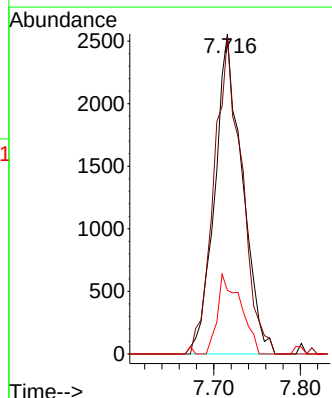
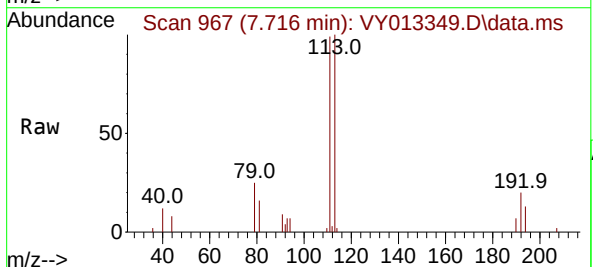
Tgt Ion:113 Resp: 5626

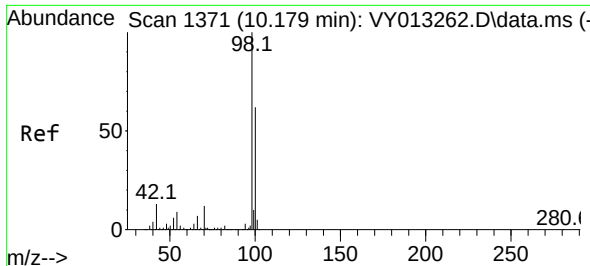
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.2

192 21.0 16.8 25.2

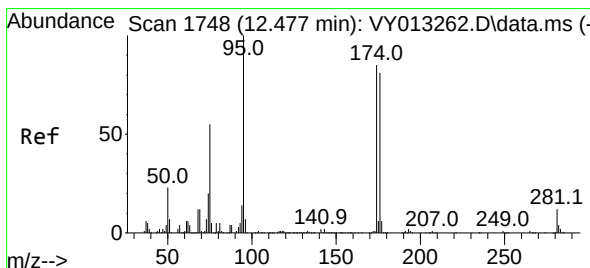
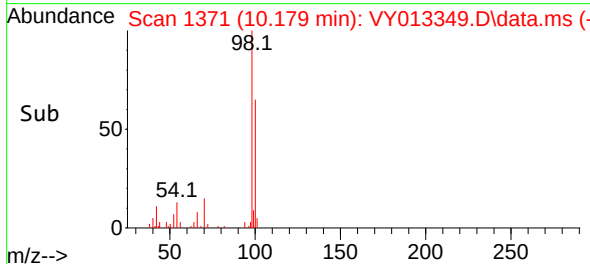
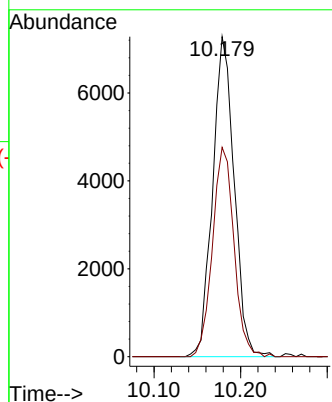
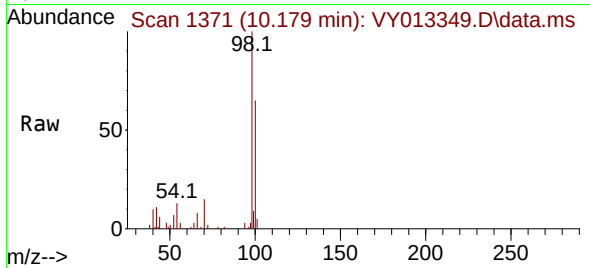




#50
Toluene-d8
Concen: 50.179 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

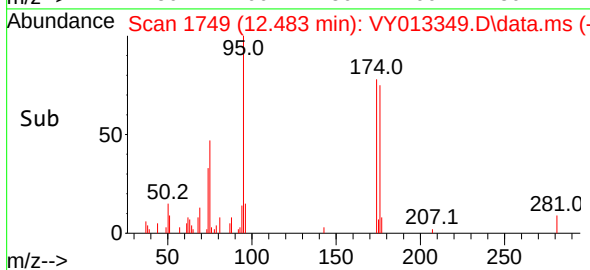
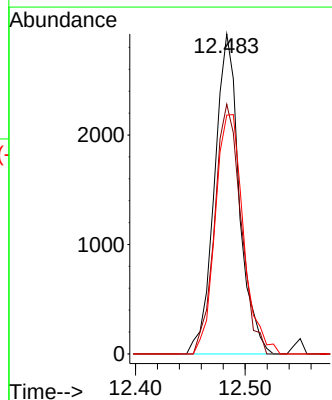
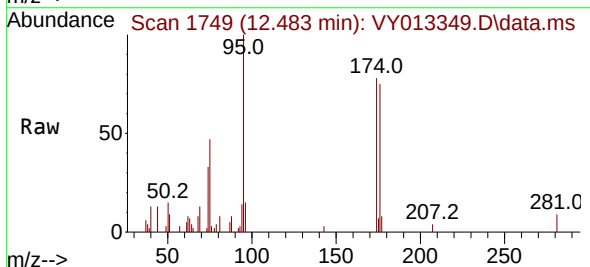
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

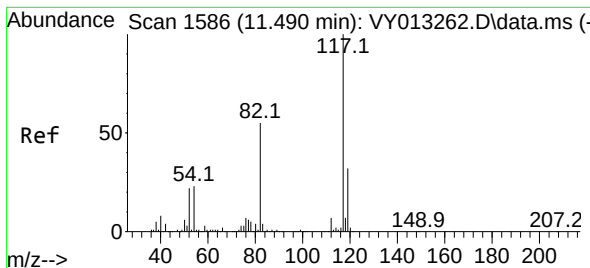
Tgt Ion: 98 Resp: 12579
Ion Ratio Lower Upper
98 100
100 65.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013349.D
Acq: 19 Apr 2023 16:42

Tgt Ion: 95 Resp: 4594
Ion Ratio Lower Upper
95 100
174 82.5 0.0 176.6
176 84.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013349.D

Acq: 19 Apr 2023 16:42

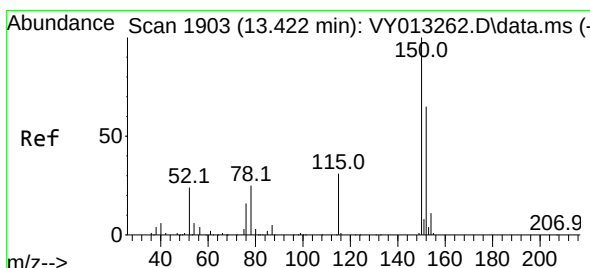
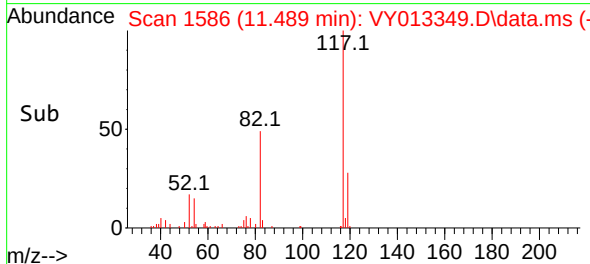
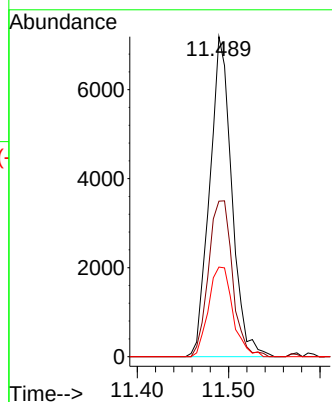
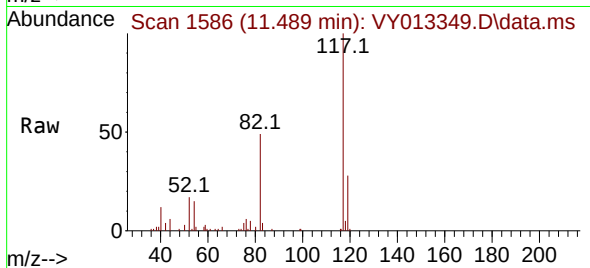
Instrument :

MSVOA_Y

ClientSampleId :

SB-16-9.0-9.5

Tgt Ion:117	Resp:	12091
Ion	Ratio	Lower Upper
117	100	
82	48.6	45.4 68.0
119	28.0	25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013349.D

Acq: 19 Apr 2023 16:42

Tgt Ion:152	Resp:	4523
Ion	Ratio	Lower Upper
152	100	
115	60.5	27.1 81.3
150	161.4	0.0 347.8

