

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016711.D
 Acq On : 19 Dec 2023 22:23
 Operator : SY/MD
 Sample : 05827-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-07-14-15

Quant Time: Dec 20 06:41:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	8237	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.703	114	11877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	10755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	3102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4472	65.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.280%
35) Dibromofluoromethane	7.728	113	4406	62.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.980%
50) Toluene-d8	10.191	98	13609	53.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.495	95	2681	37.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.440%

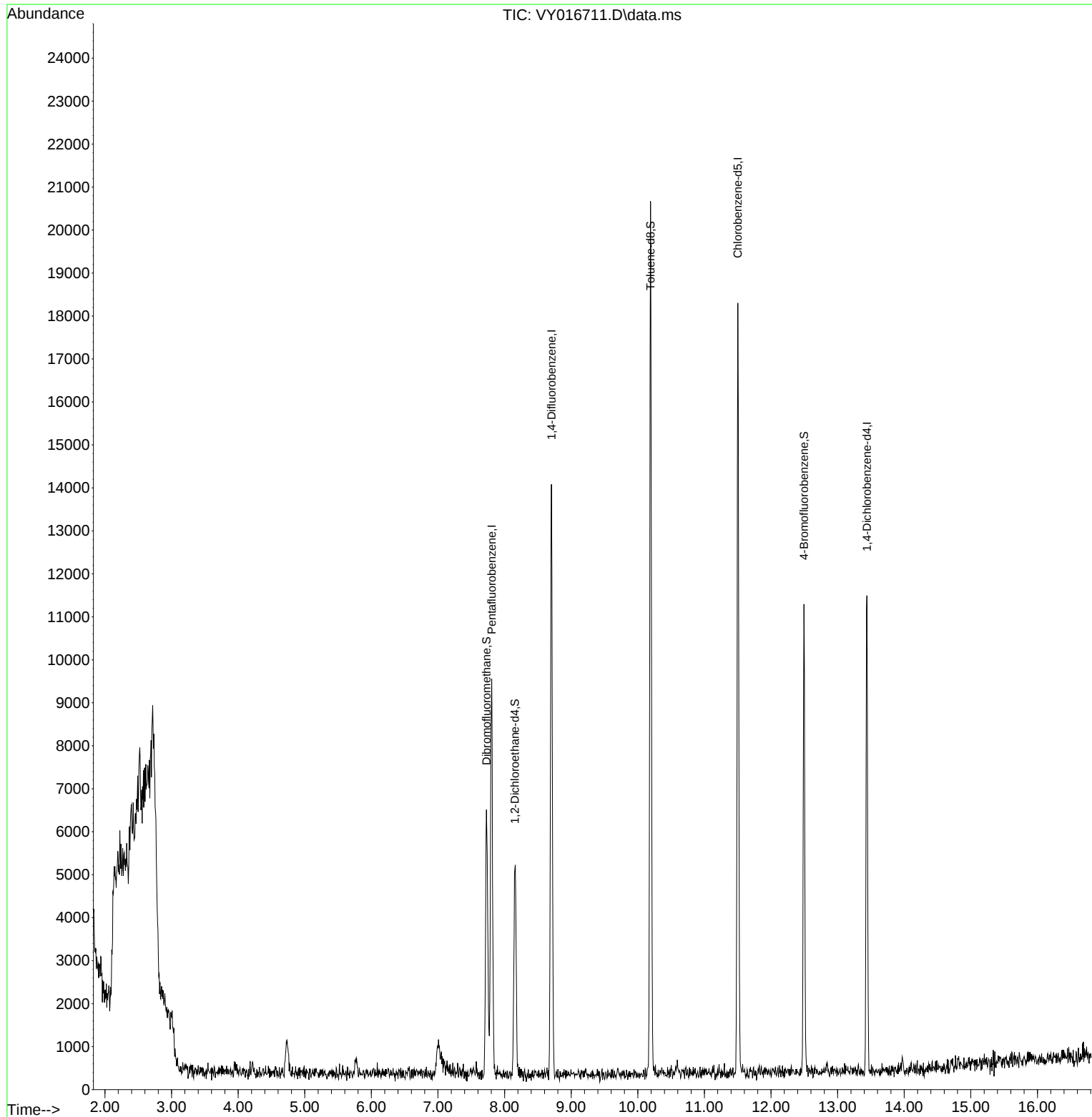
Target Compounds	Qvalue

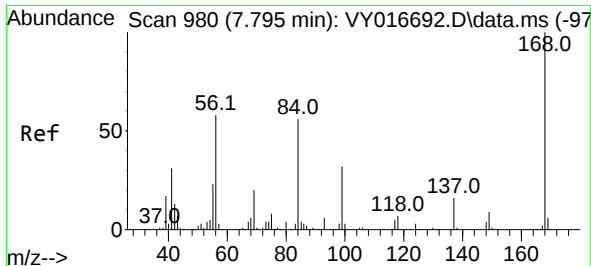
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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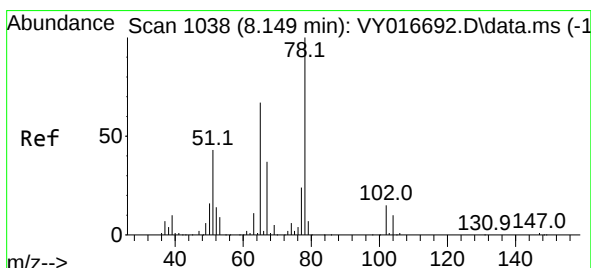
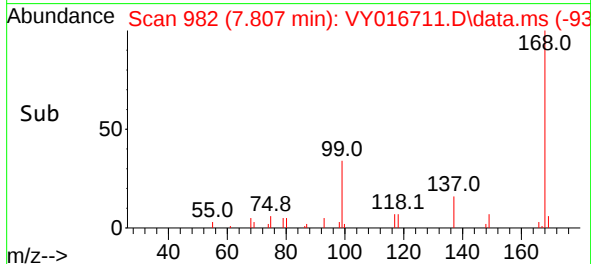
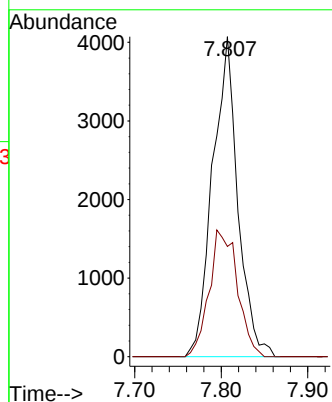
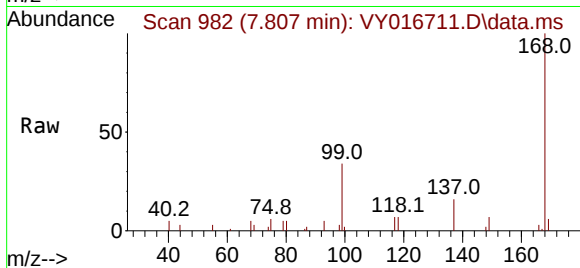




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

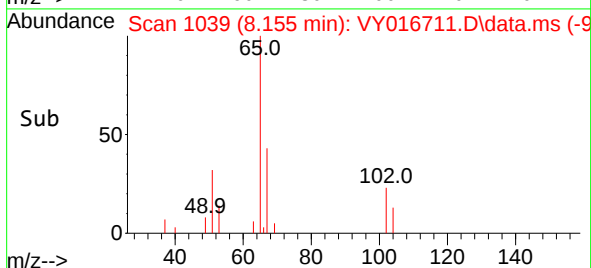
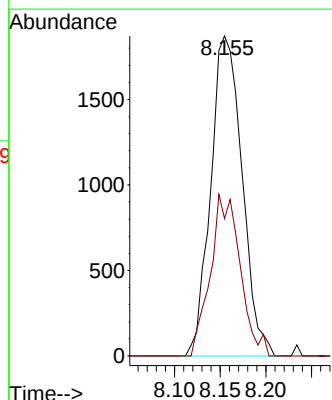
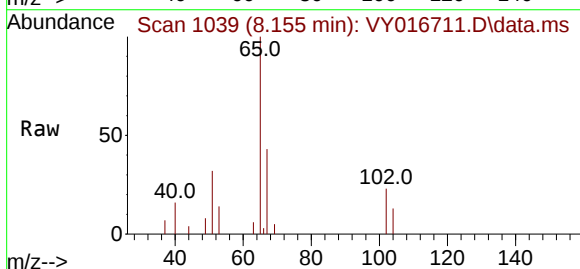
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-07-14-15

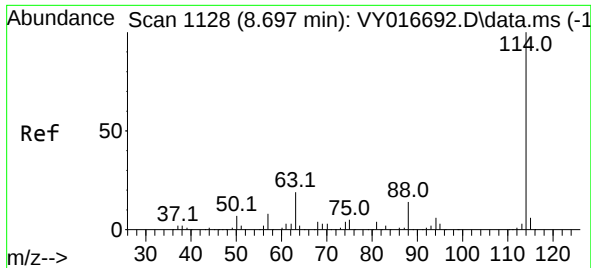
Tgt Ion:168 Resp: 8237
Ion Ratio Lower Upper
168 100
99 34.4 40.2 60.4#



#33
1,2-Dichloroethane-d4
Concen: 65.638 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 65 Resp: 4472
Ion Ratio Lower Upper
65 100
67 47.8 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016711.D

Acq: 19 Dec 2023 22:23

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-07-14-15

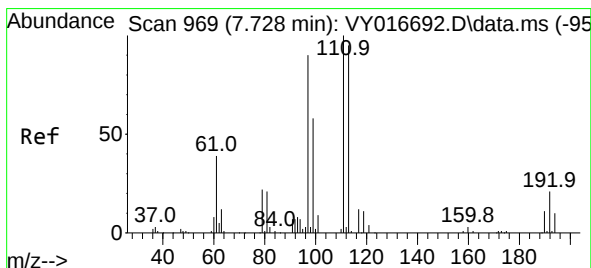
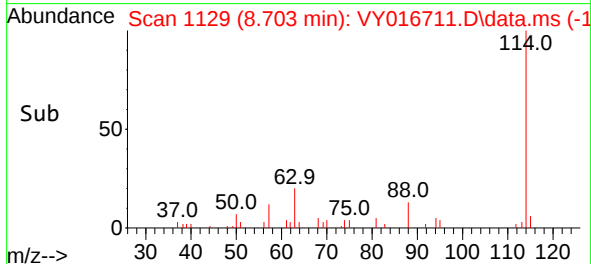
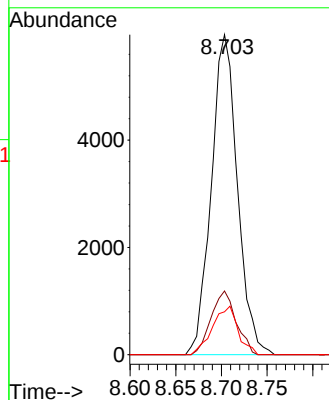
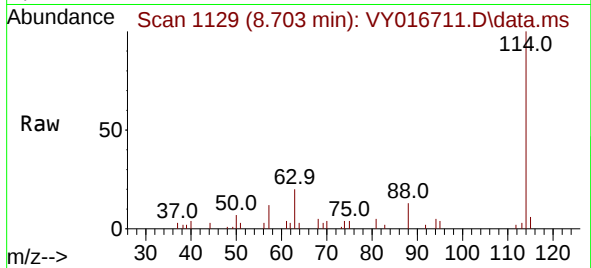
Tgt Ion:114 Resp: 11877

Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 13.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 62.987 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016711.D

Acq: 19 Dec 2023 22:23

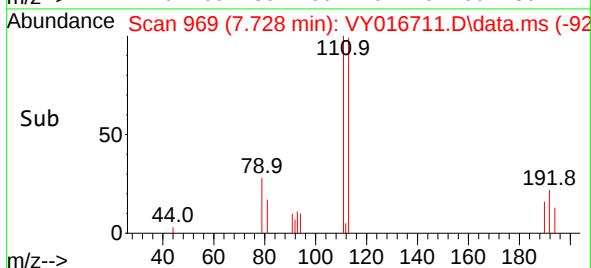
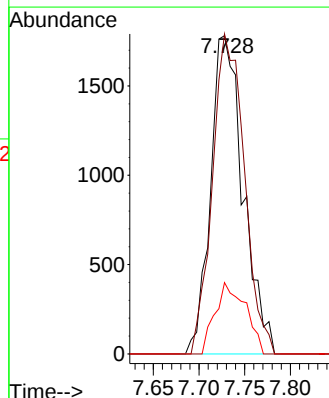
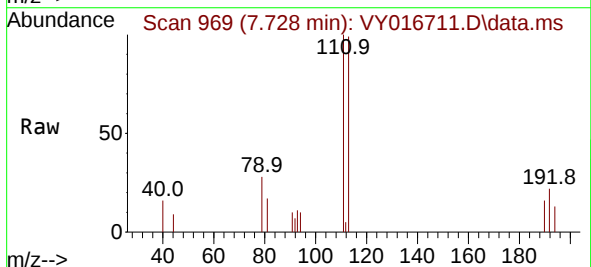
Tgt Ion:113 Resp: 4406

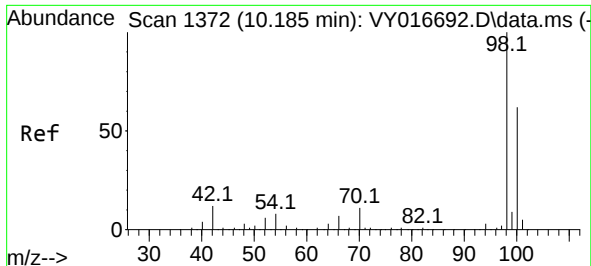
Ion Ratio Lower Upper

113 100

111 98.7 81.9 122.9

192 20.9 16.2 24.4

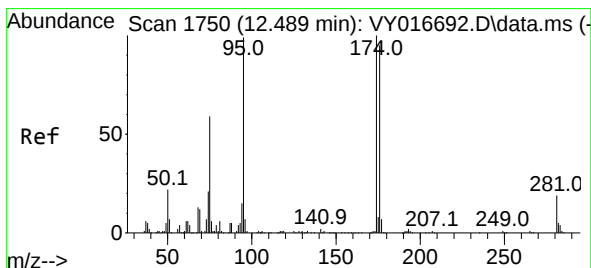
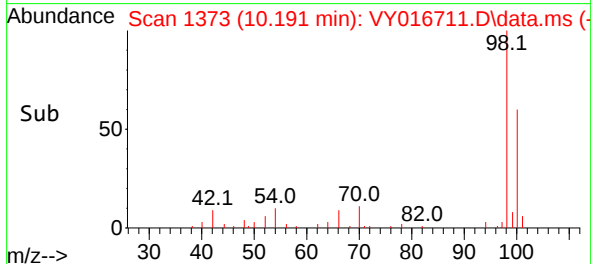
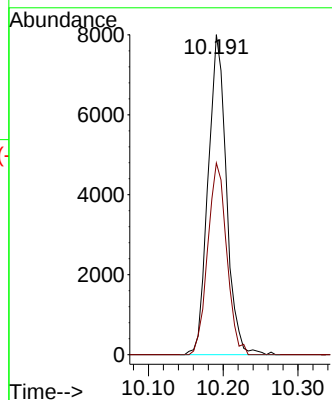
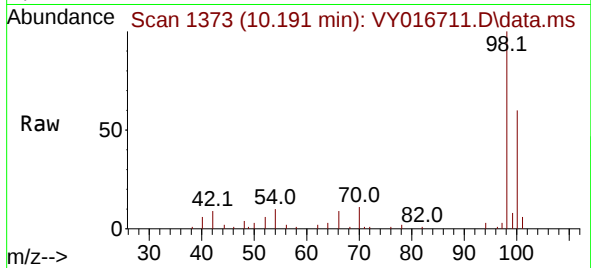




#50
Toluene-d8
Concen: 53.720 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

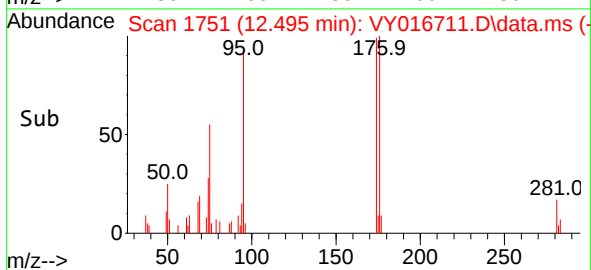
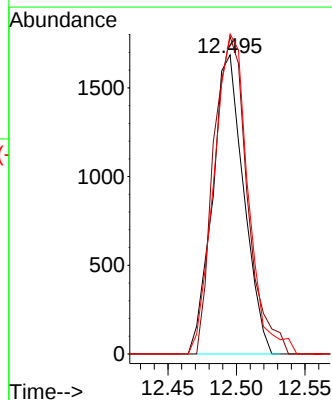
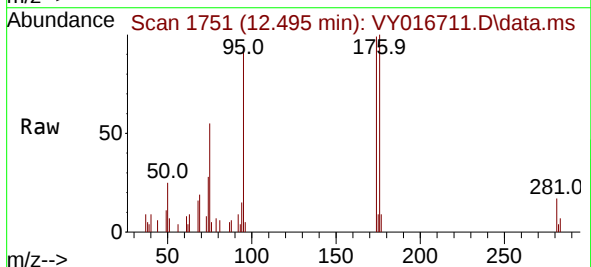
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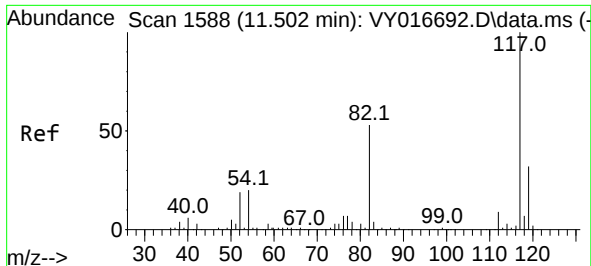
Tgt Ion: 98 Resp: 13609
Ion Ratio Lower Upper
98 100
100 62.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 37.220 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion: 95 Resp: 2681
Ion Ratio Lower Upper
95 100
174 114.3 0.0 181.0
176 115.9 0.0 176.6

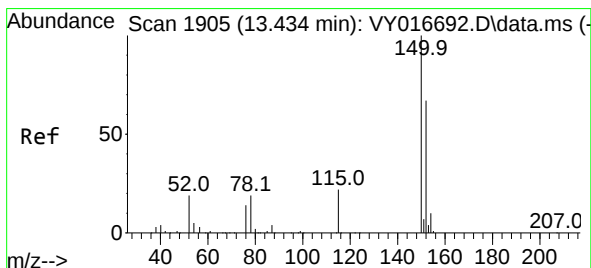
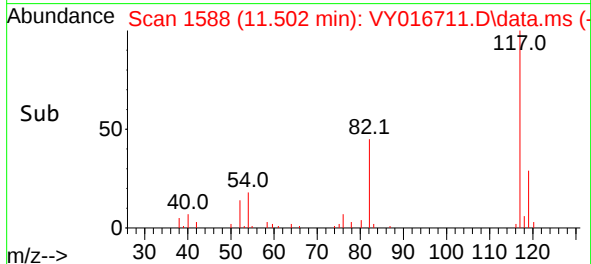
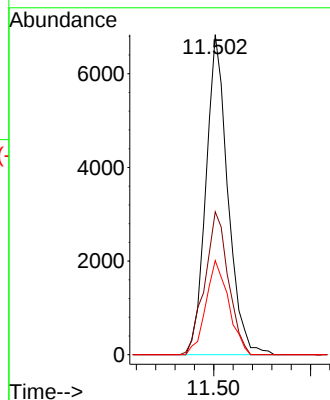
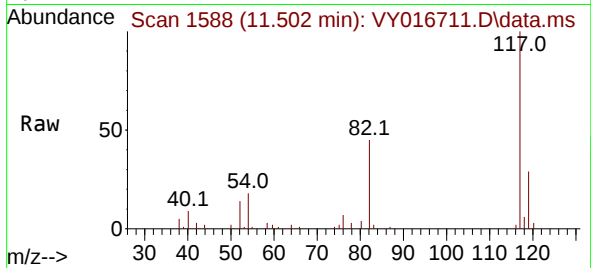




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-07-14-15

Tgt Ion:	117	Resp:	10755
Ion	Ratio	Lower	Upper
117	100		
82	44.7	41.0	61.6
119	29.4	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016711.D
Acq: 19 Dec 2023 22:23

Tgt Ion:	152	Resp:	3102
Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.2	84.7
150	164.5	0.0	350.6

