

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012661.D
 Acq On : 17 Feb 2023 19:13
 Operator : KP/MD
 Sample : 01608-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-02172023

Quant Time: Feb 17 22:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	1822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	610	53.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.560%	
35) Dibromofluoromethane	7.703	113	30	2.410	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 4.820%#	
50) Toluene-d8	10.179	98	2113	40.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.580%	
62) 4-Bromofluorobenzene	12.489	95	499	27.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 55.240%	

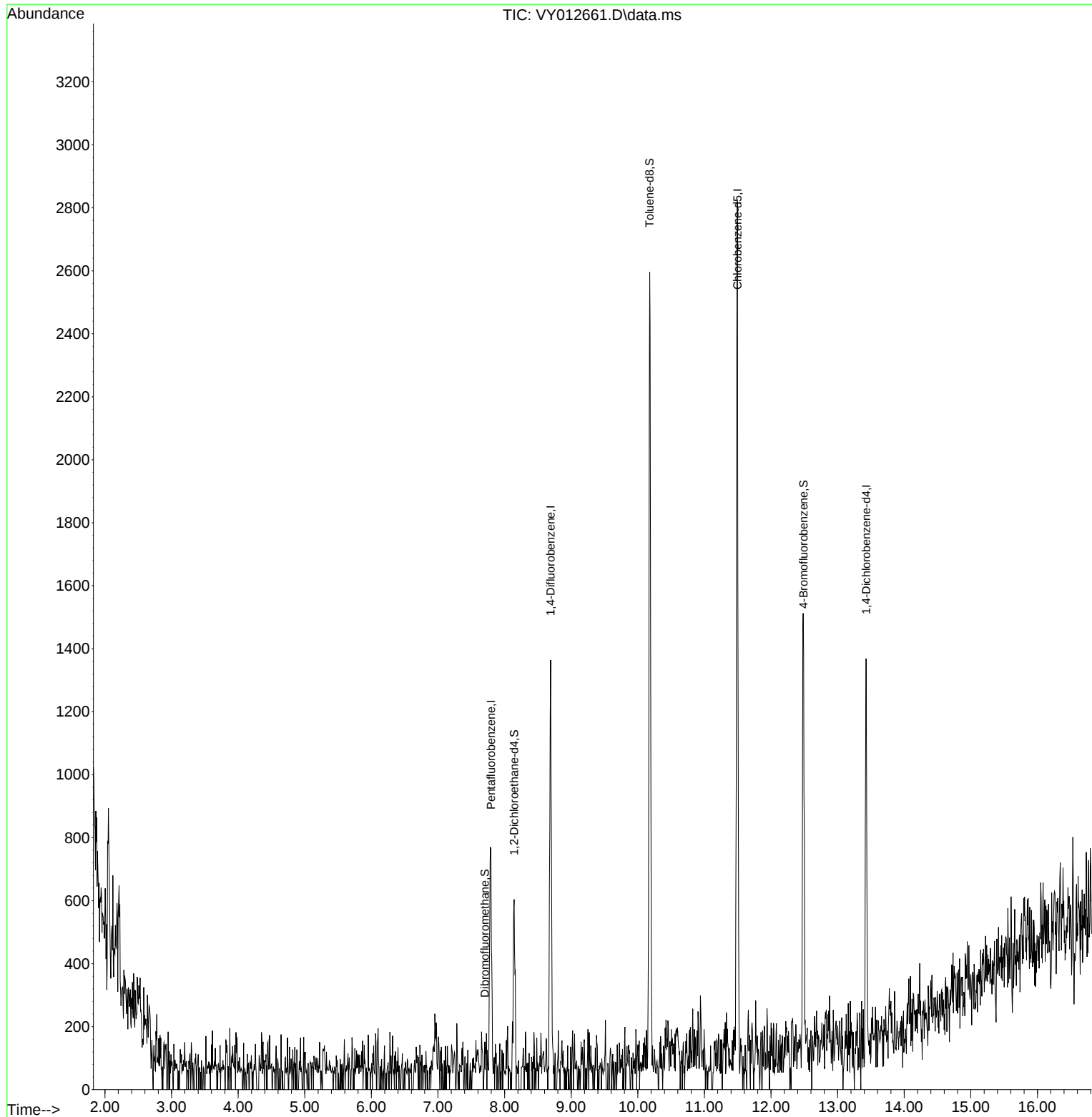
Target Compounds	Qvalue

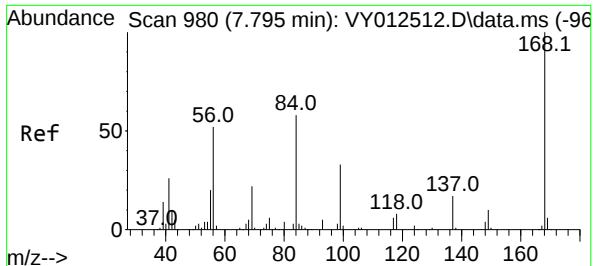
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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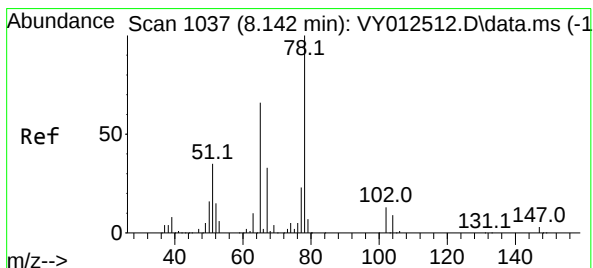
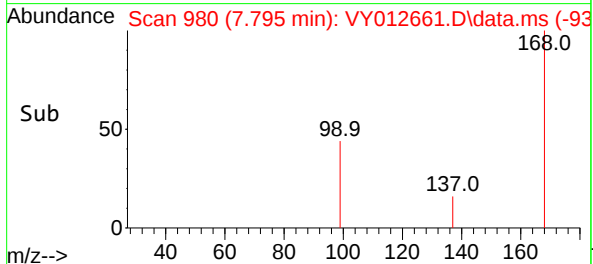
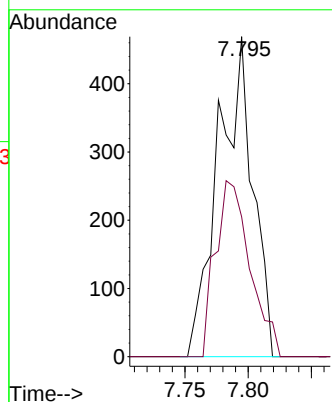
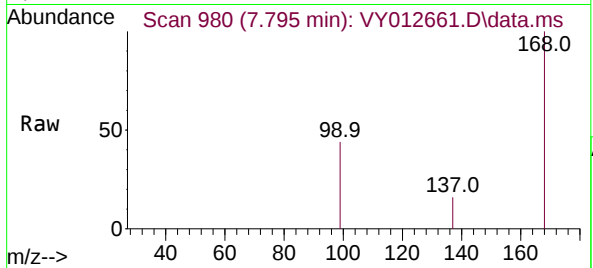




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY012661.D
Acq: 17 Feb 2023 19:13

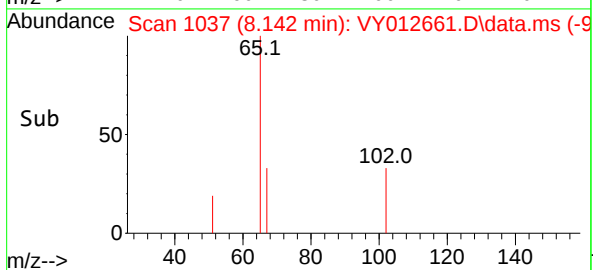
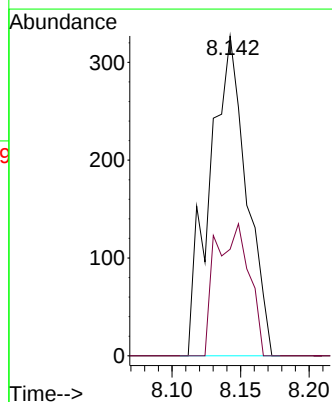
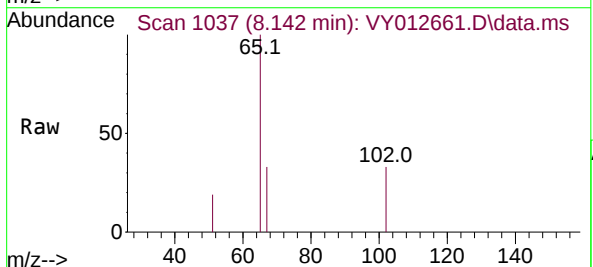
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02172023

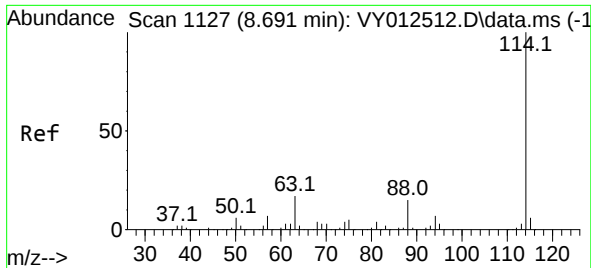
Tgt Ion:168 Resp: 892
Ion Ratio Lower Upper
168 100
99 43.7 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 53.778 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012661.D
Acq: 17 Feb 2023 19:13

Tgt Ion: 65 Resp: 610
Ion Ratio Lower Upper
65 100
67 37.5 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012661.D

Acq: 17 Feb 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-02172023

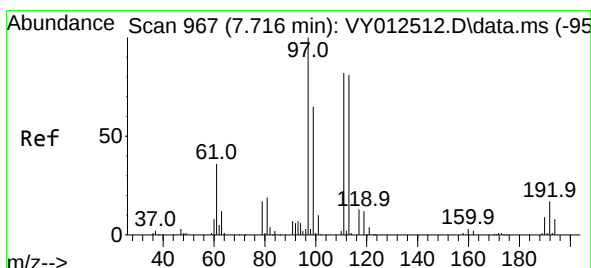
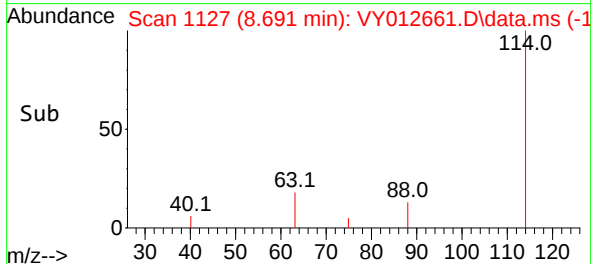
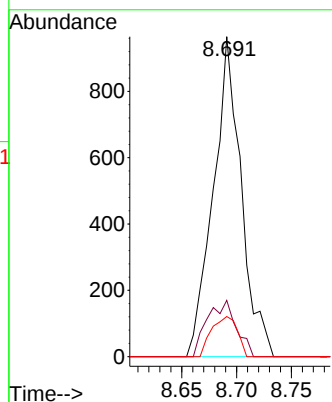
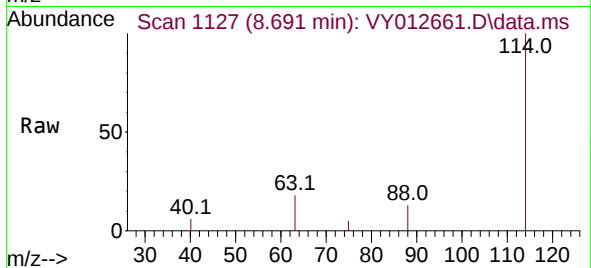
Tgt Ion:114 Resp: 1709

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.6

88 12.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 2.410 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY012661.D

Acq: 17 Feb 2023 19:13

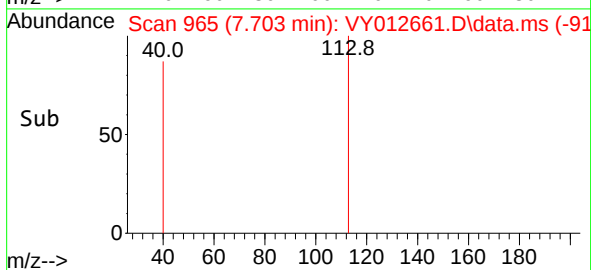
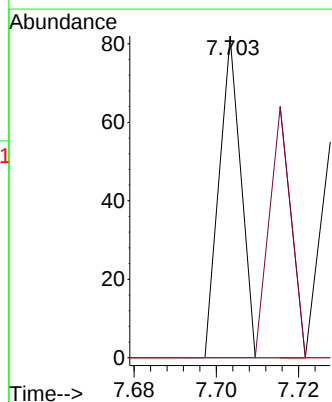
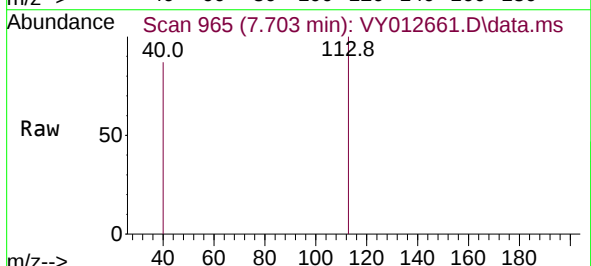
Tgt Ion:113 Resp: 30

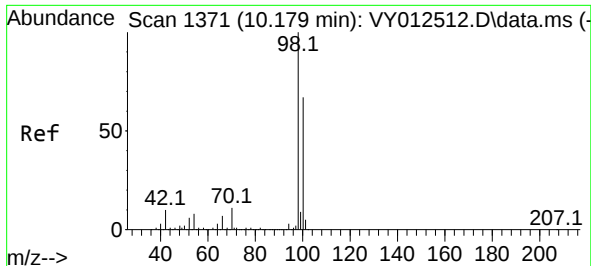
Ion Ratio Lower Upper

113 100

111 76.7 81.9 122.9#

192 0.0 17.5 26.3#

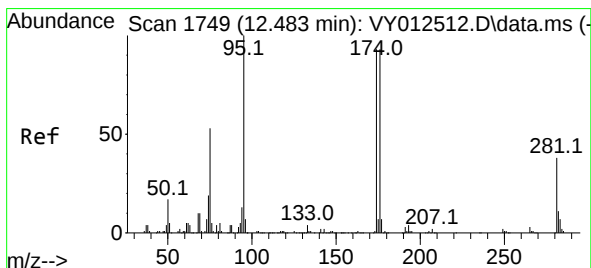
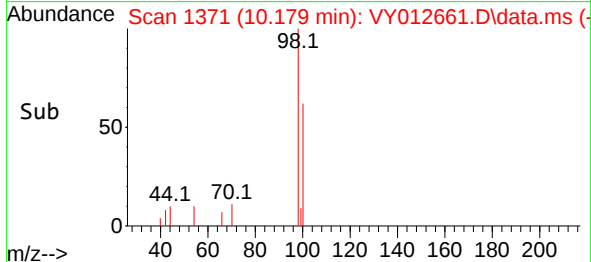
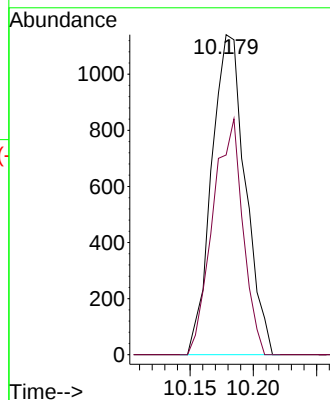
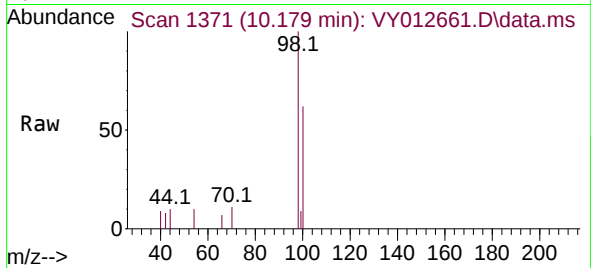




#50
Toluene-d8
Concen: 40.789 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012661.D
Acq: 17 Feb 2023 19:13

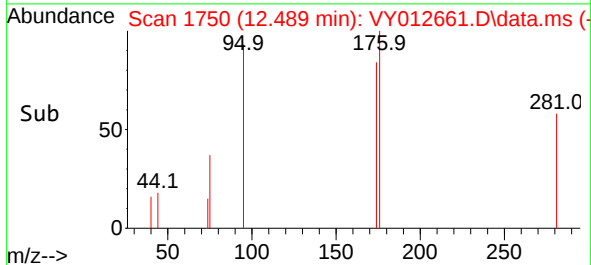
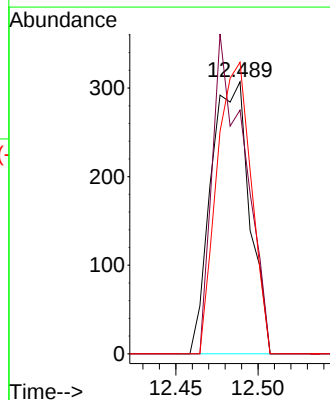
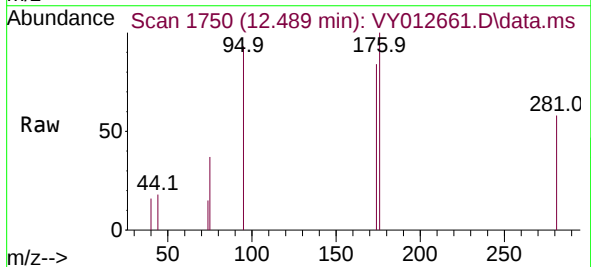
Instrument :
MSVOA_Y
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TR-04-02172023

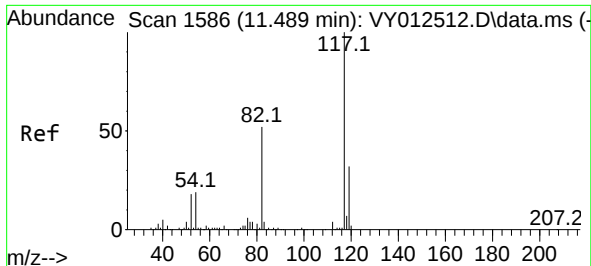
Tgt Ion: 98 Resp: 2113
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 27.616 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012661.D
Acq: 17 Feb 2023 19:13

Tgt Ion: 95 Resp: 499
Ion Ratio Lower Upper
95 100
174 99.0 0.0 188.0
176 95.8 0.0 183.6

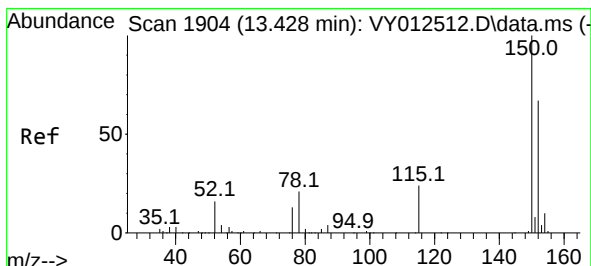
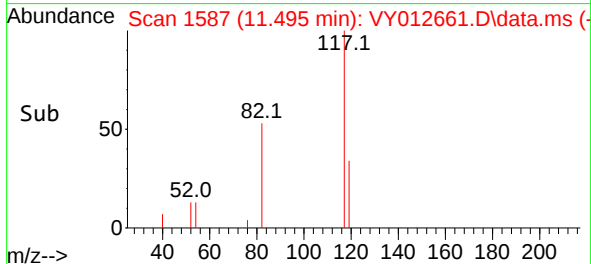
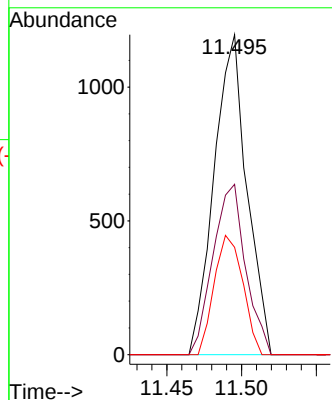
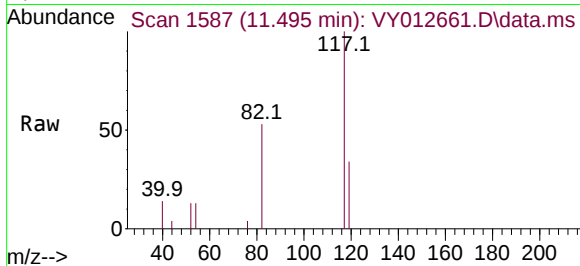




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012661.D
Acq: 17 Feb 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02172023

Tgt Ion:117	Resp:	1822
Ion Ratio	Lower	Upper
117	100	
82	53.3	41.7 62.5
119	33.5	25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012661.D
Acq: 17 Feb 2023 19:13

Tgt Ion:152	Resp:	458
Ion Ratio	Lower	Upper
152	100	
115	52.4	28.1 84.3
150	180.3	0.0 351.0

