

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013291.D
 Acq On : 13 Apr 2023 13:21
 Operator : KP/MD
 Sample : 02284-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-041123

Quant Time: Apr 14 02:59:50 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	7.783	168	167598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123084	61.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.220%
35) Dibromofluoromethane	7.716	113	101616	54.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.173	98	357554	51.332	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.477	95	109922	48.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.140%

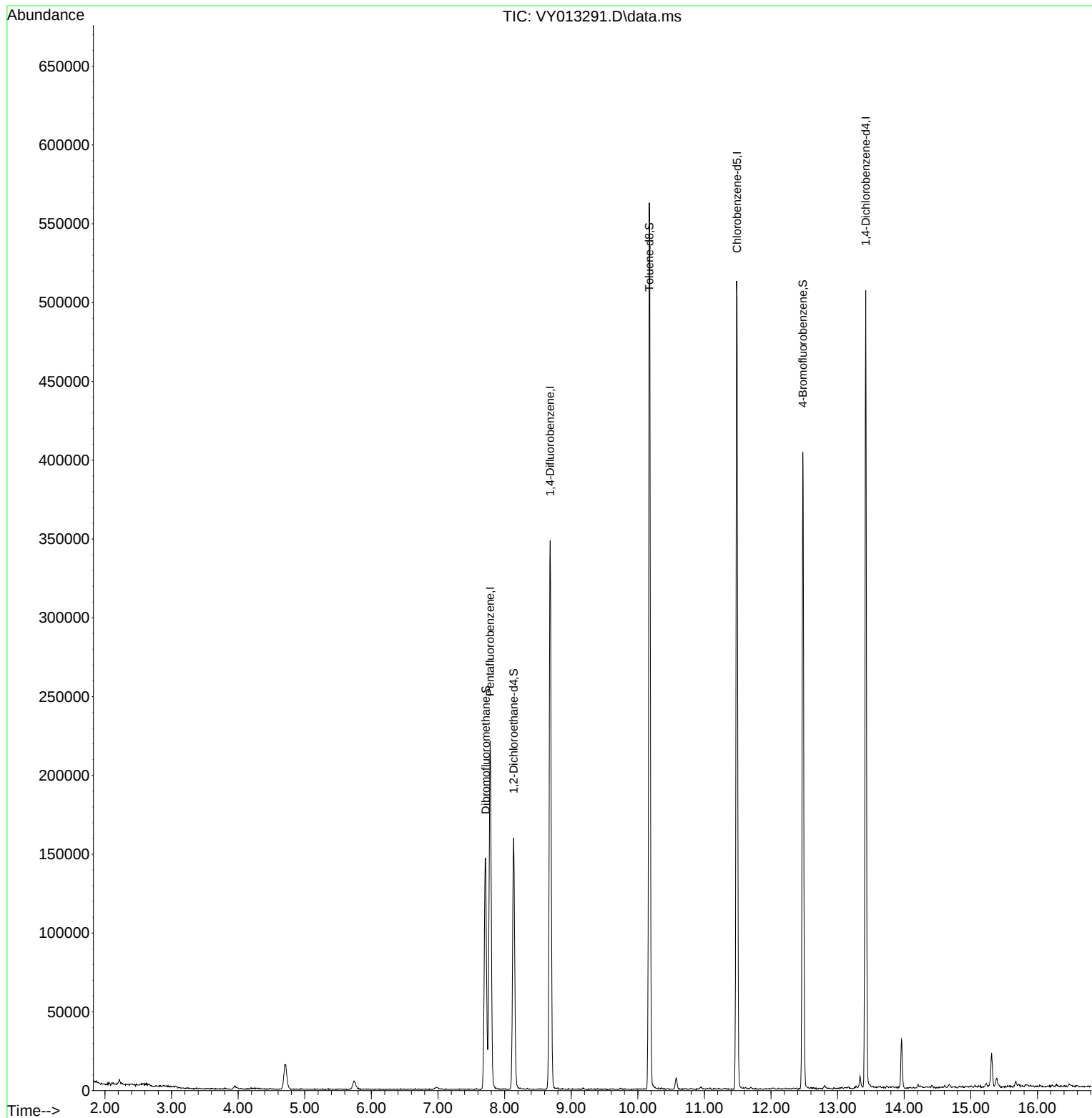
Target Compounds	Qvalue

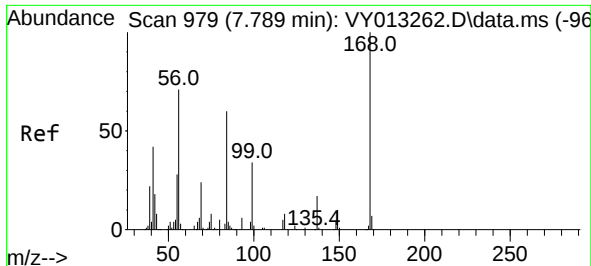
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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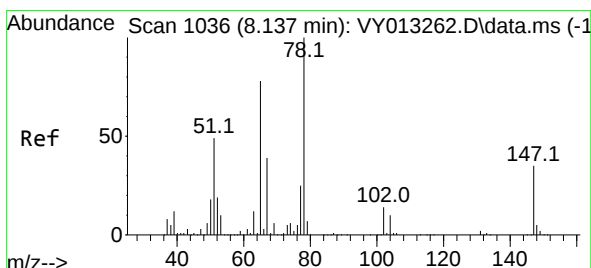
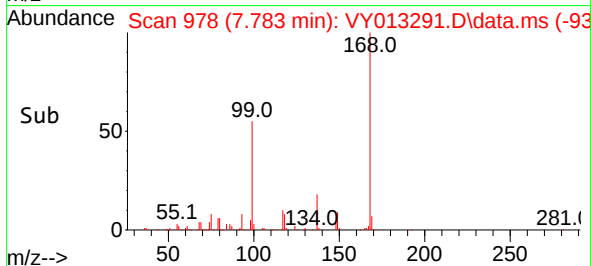
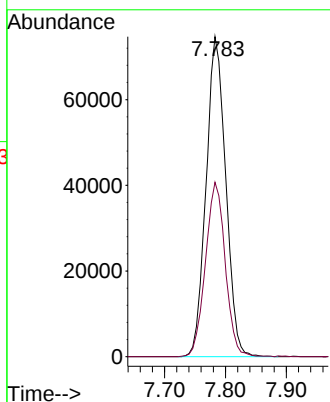
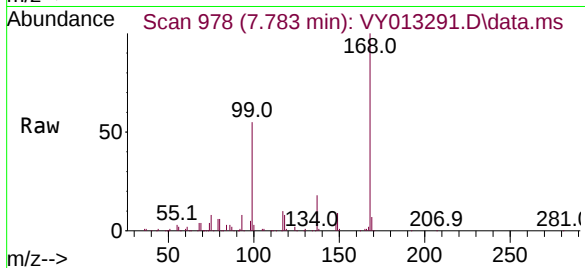




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

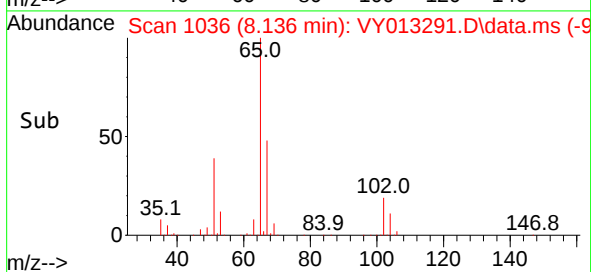
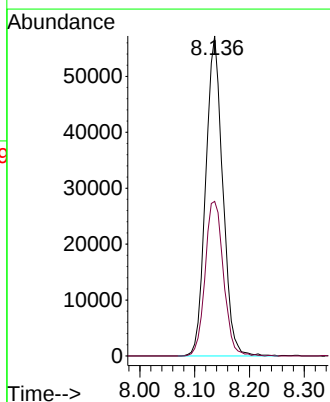
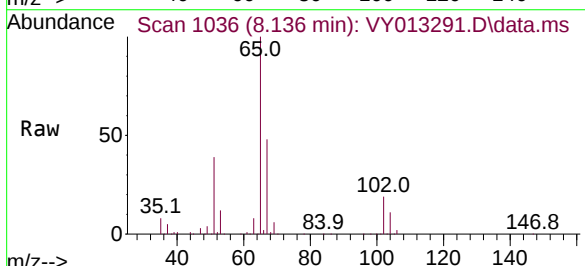
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

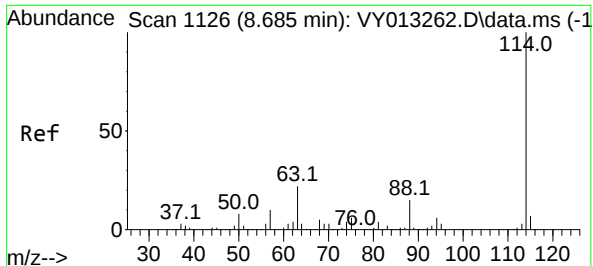
Tgt Ion:168 Resp: 167598
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.110 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 65 Resp: 123084
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013291.D

Acq: 13 Apr 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-041123

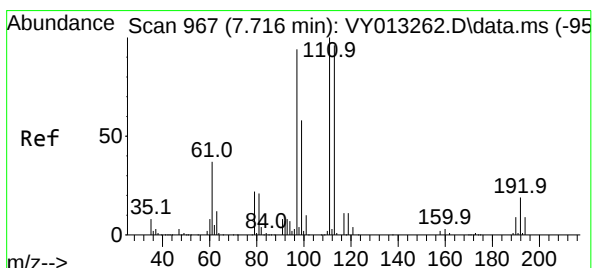
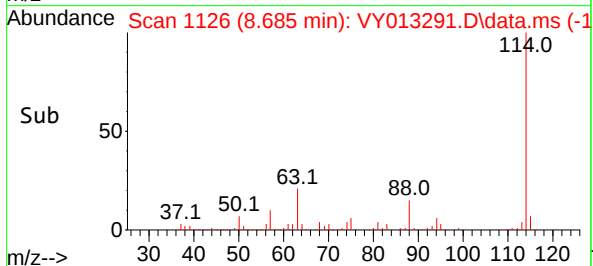
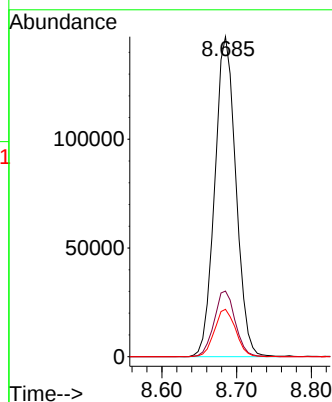
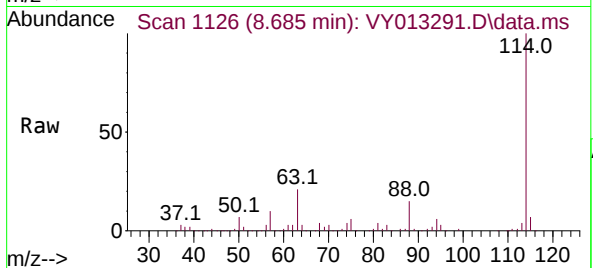
Tgt Ion:114 Resp: 289059

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.301 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013291.D

Acq: 13 Apr 2023 13:21

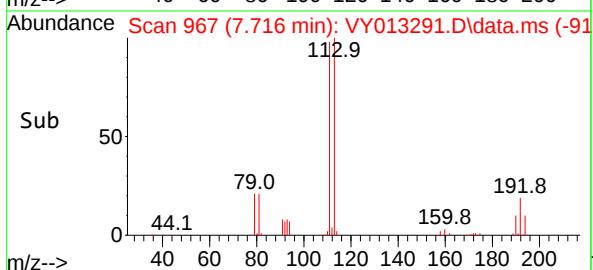
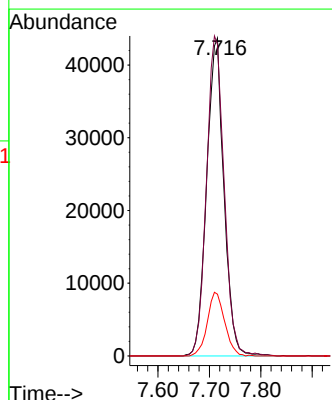
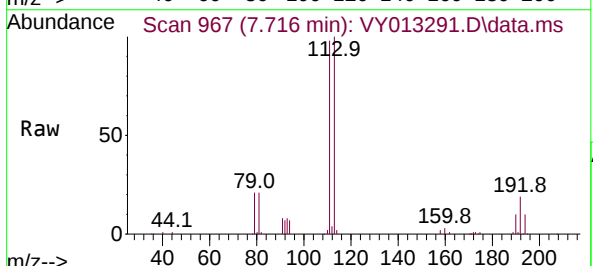
Tgt Ion:113 Resp: 101616

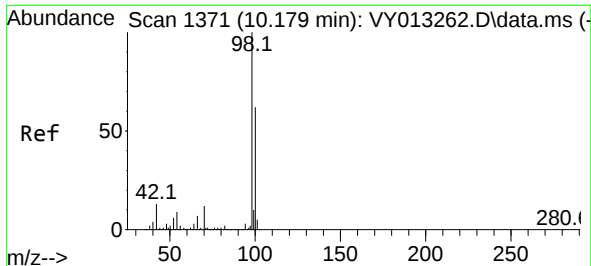
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.2 16.8 25.2

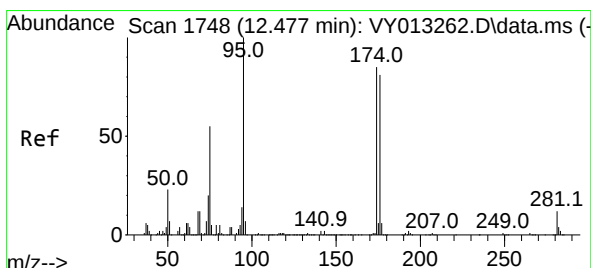
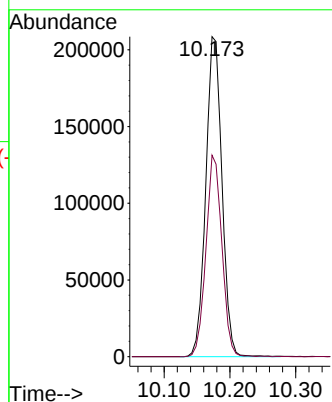
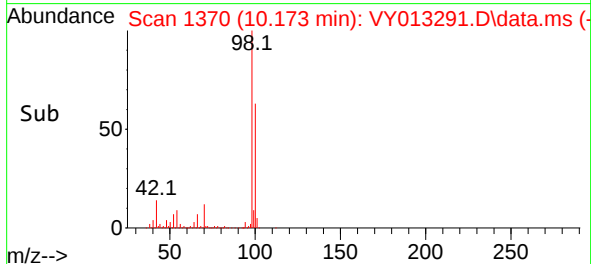
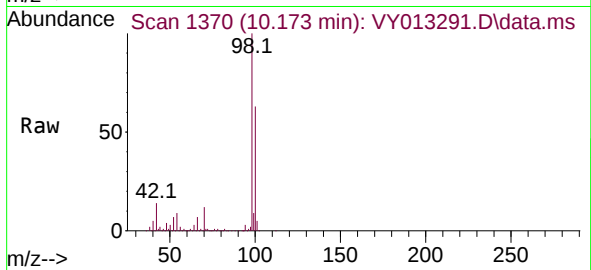




#50
Toluene-d8
Concen: 51.332 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

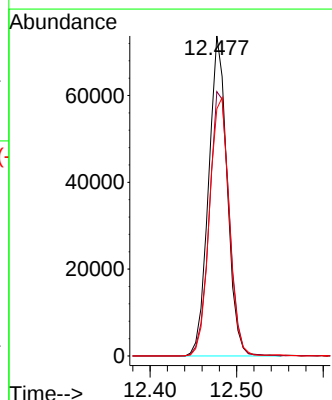
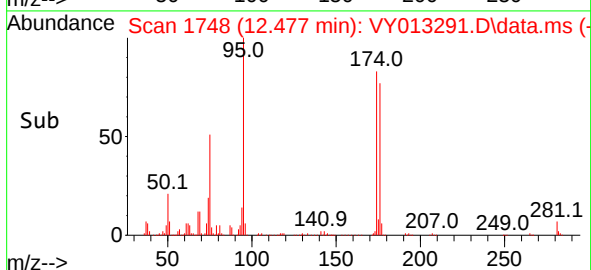
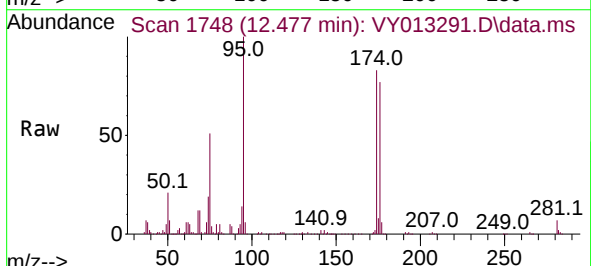
Instrument :
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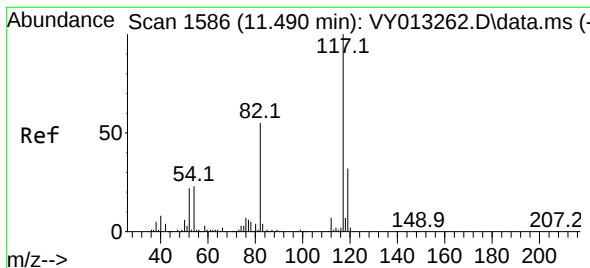
Tgt Ion: 98 Resp: 357554
Ion Ratio Lower Upper
98 100
100 61.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.570 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion: 95 Resp: 109922
Ion Ratio Lower Upper
95 100
174 88.1 0.0 176.6
176 85.6 0.0 170.2

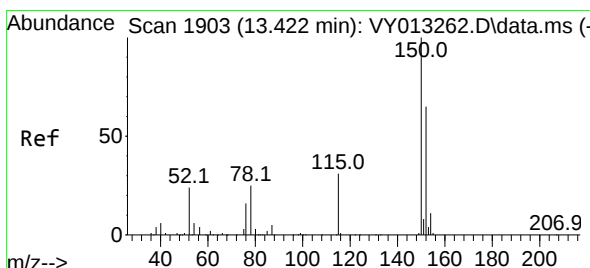
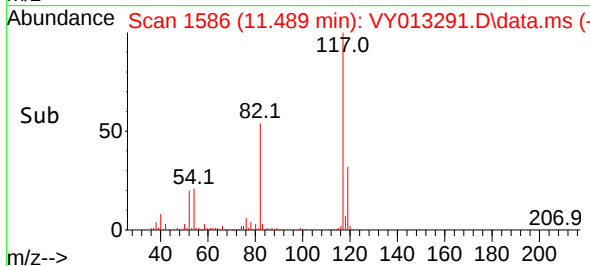
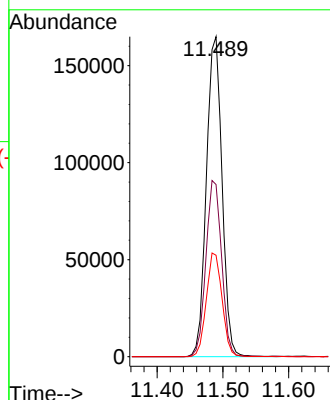
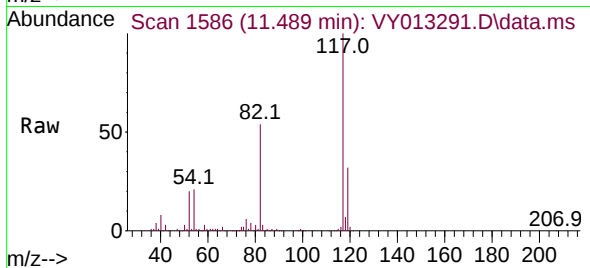




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-041123

Tgt Ion:117 Resp: 273012
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013291.D
Acq: 13 Apr 2023 13:21

Tgt Ion:152 Resp: 121013
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 159.8 0.0 347.8

