

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006562.D
 Acq On : 01 Nov 2021 19:16
 Operator : SY/MD
 Sample : M4429-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-102921

Quant Time: Nov 02 03:31:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	103202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68323	53.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.600%
35) Dibromofluoromethane	7.722	113	51332	53.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.880%
50) Toluene-d8	10.185	98	221185	54.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.483	95	65132	47.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.980%

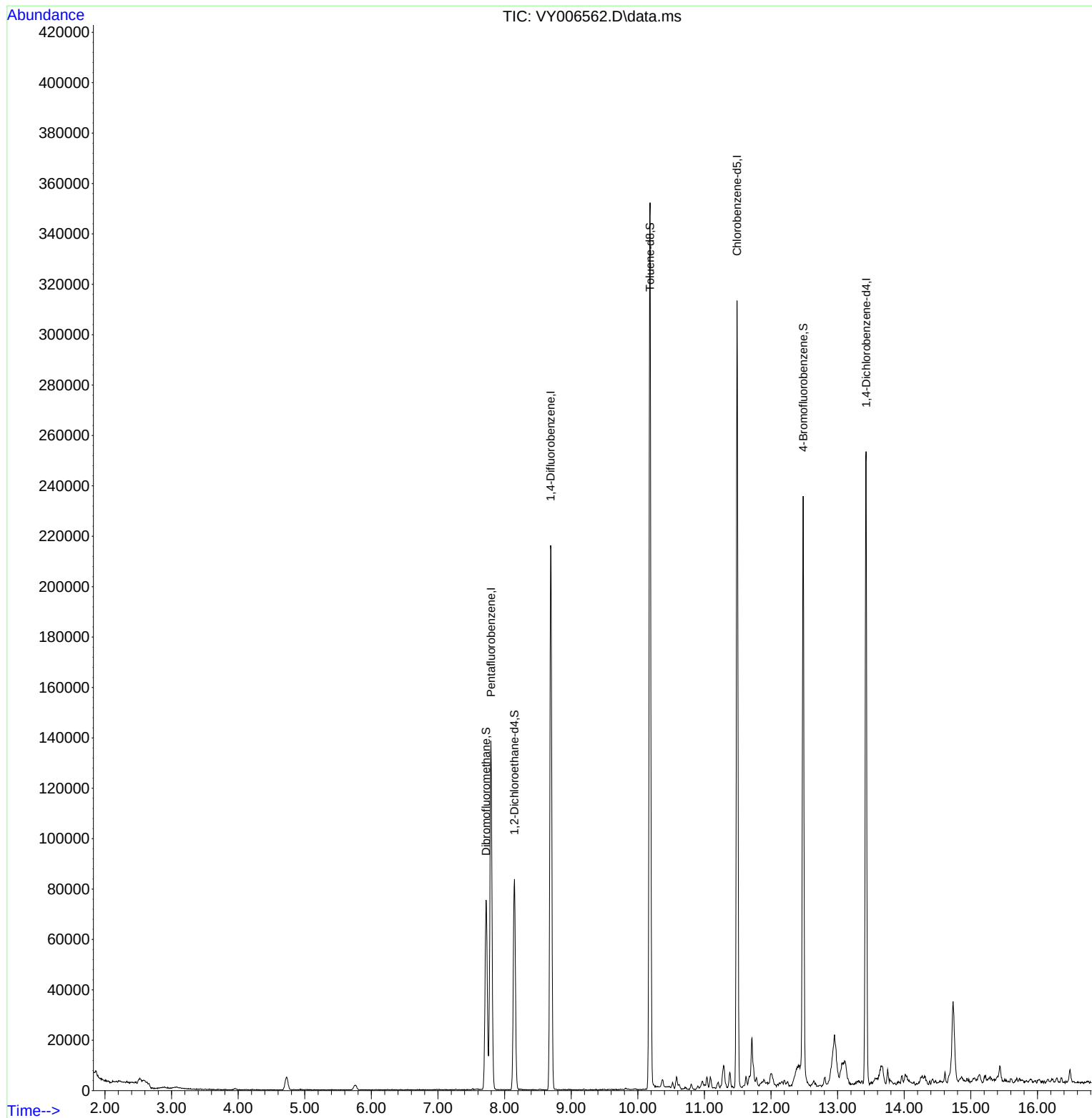
Target Compounds	Qvalue

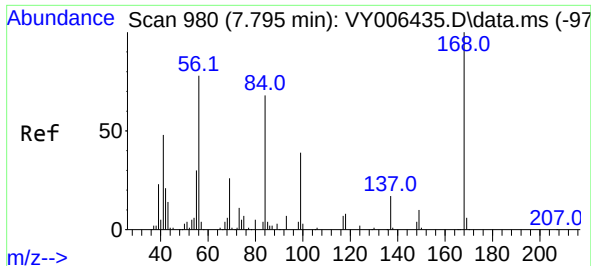
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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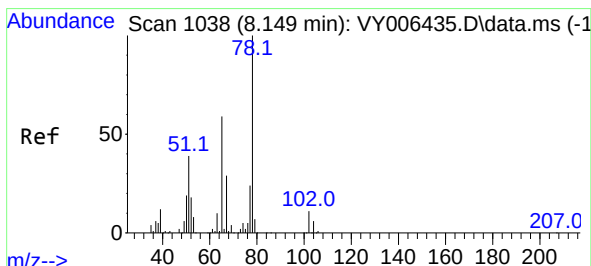
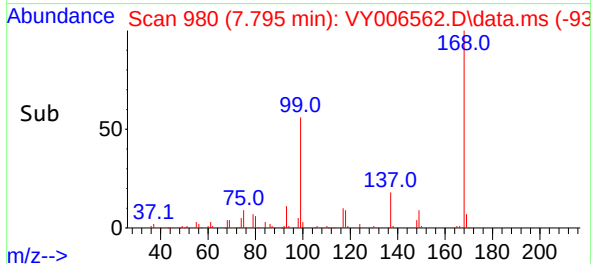
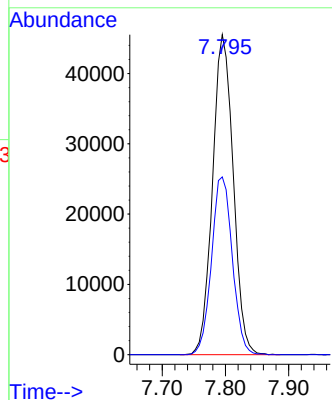
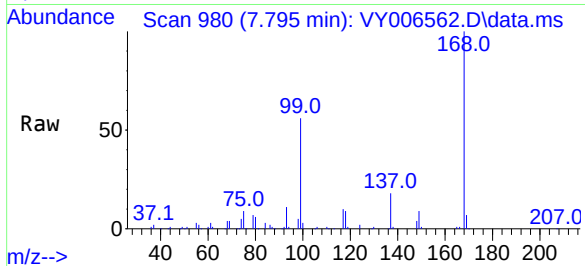




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

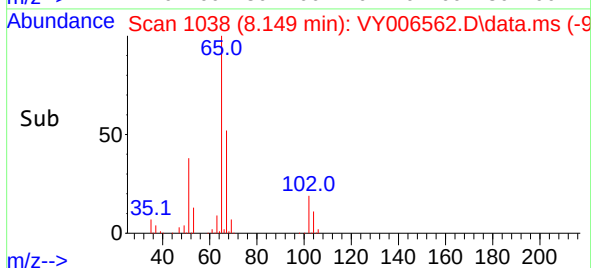
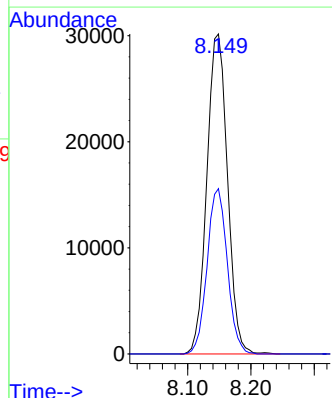
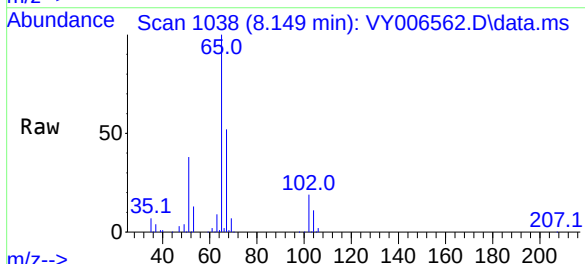
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102921

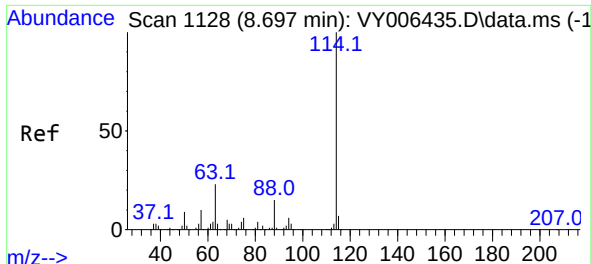
Tgt Ion:168 Resp: 103202
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.799 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion: 65 Resp: 68323
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006562.D

Acq: 01 Nov 2021 19:16

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-102921

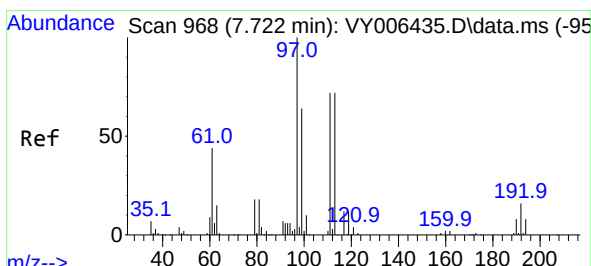
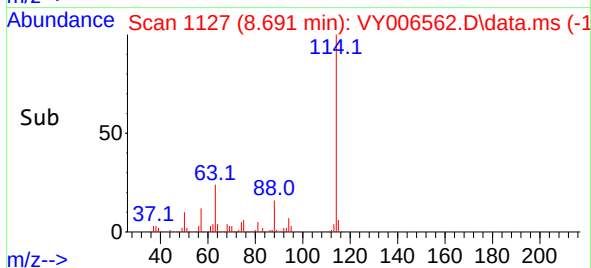
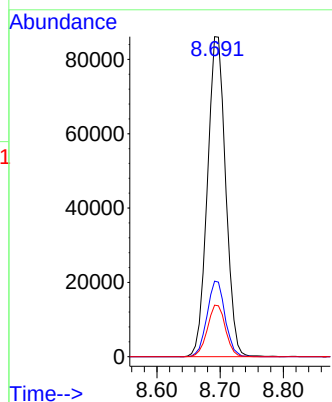
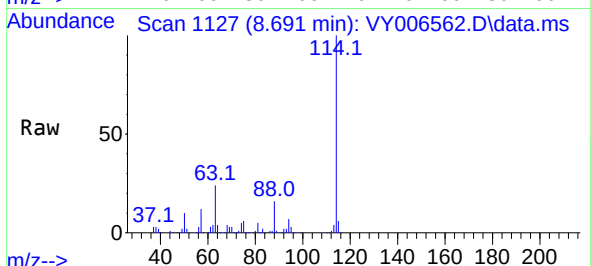
Tgt Ion:114 Resp: 172332

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.441 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006562.D

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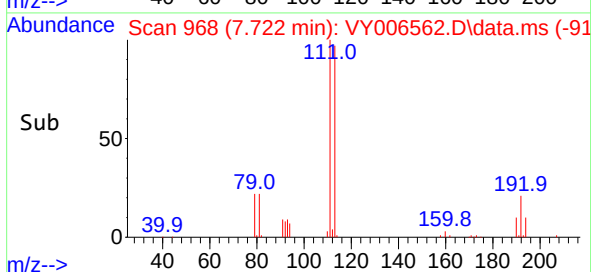
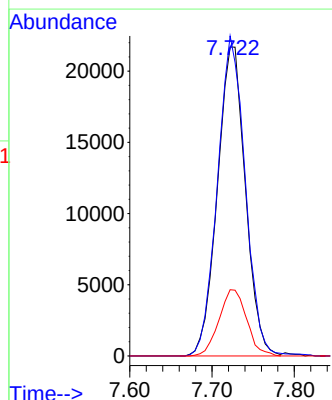
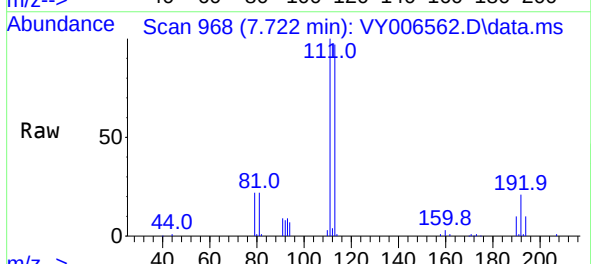
Tgt Ion:113 Resp: 51332

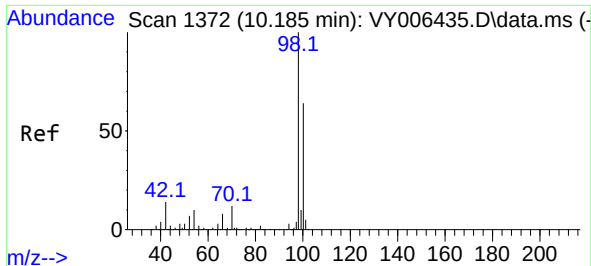
Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 21.2 17.4 26.2

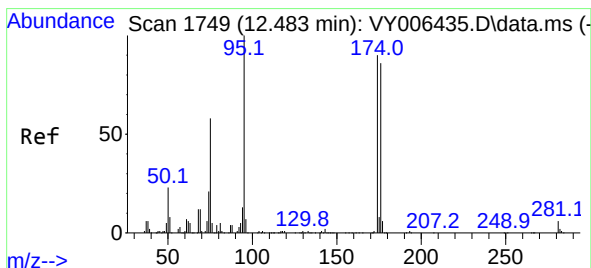
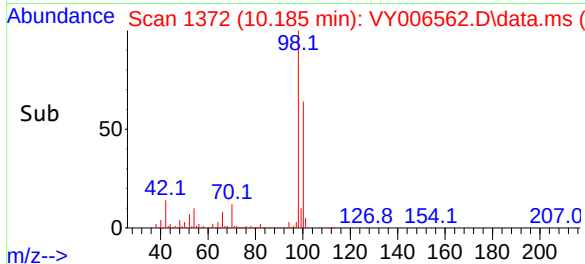
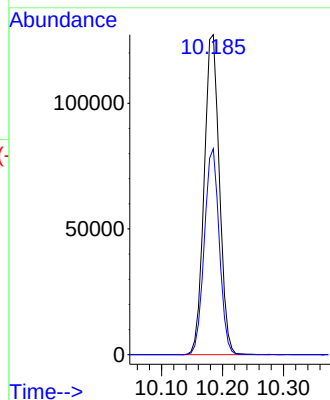
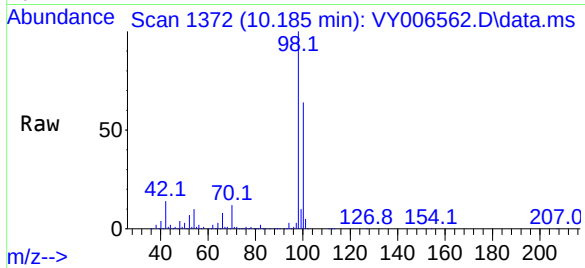




#50
Toluene-d8
Concen: 54.321 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

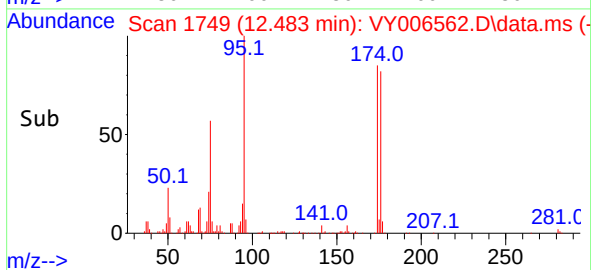
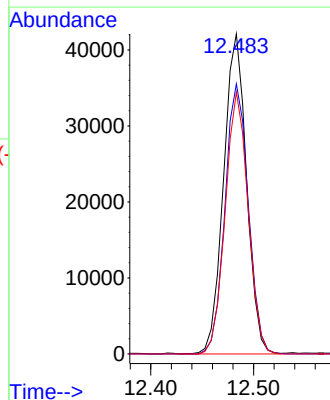
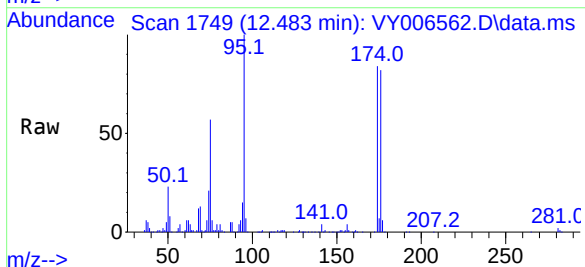
Instrument :
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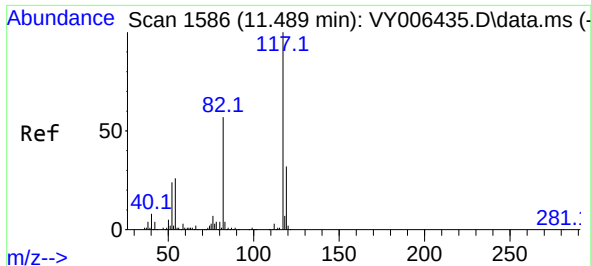
Tgt Ion: 98 Resp: 221185
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion: 95 Resp: 65132
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 81.6 0.0 169.4

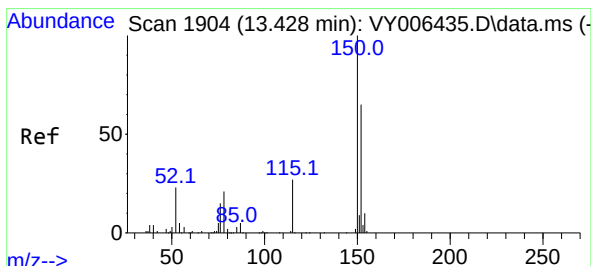
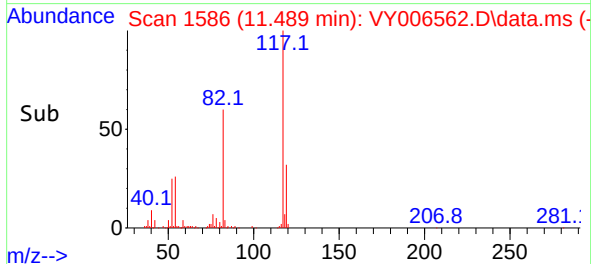
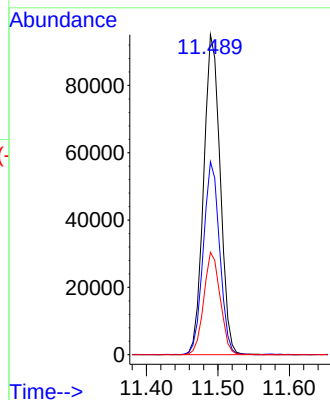
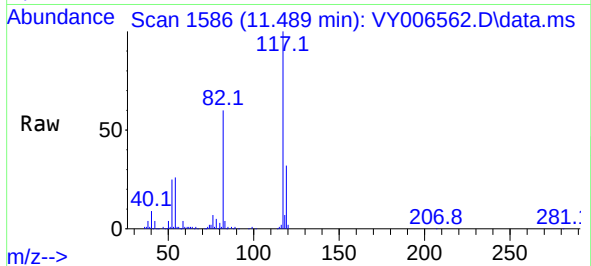




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102921

Tgt Ion:117 Resp: 152735
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion:152 Resp: 60314
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.5
150 157.1 0.0 348.2

