

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006628.D
 Acq On : 04 Nov 2021 18:39
 Operator : SY/MD
 Sample : M4472-04RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-KSRE

Quant Time: Nov 05 14:01:01 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	7.801	168	76525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	128977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	114954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	52164	55.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.780%
35) Dibromofluoromethane	7.728	113	39960	55.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.180%
50) Toluene-d8	10.185	98	162900	53.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.483	95	46940	45.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.460%

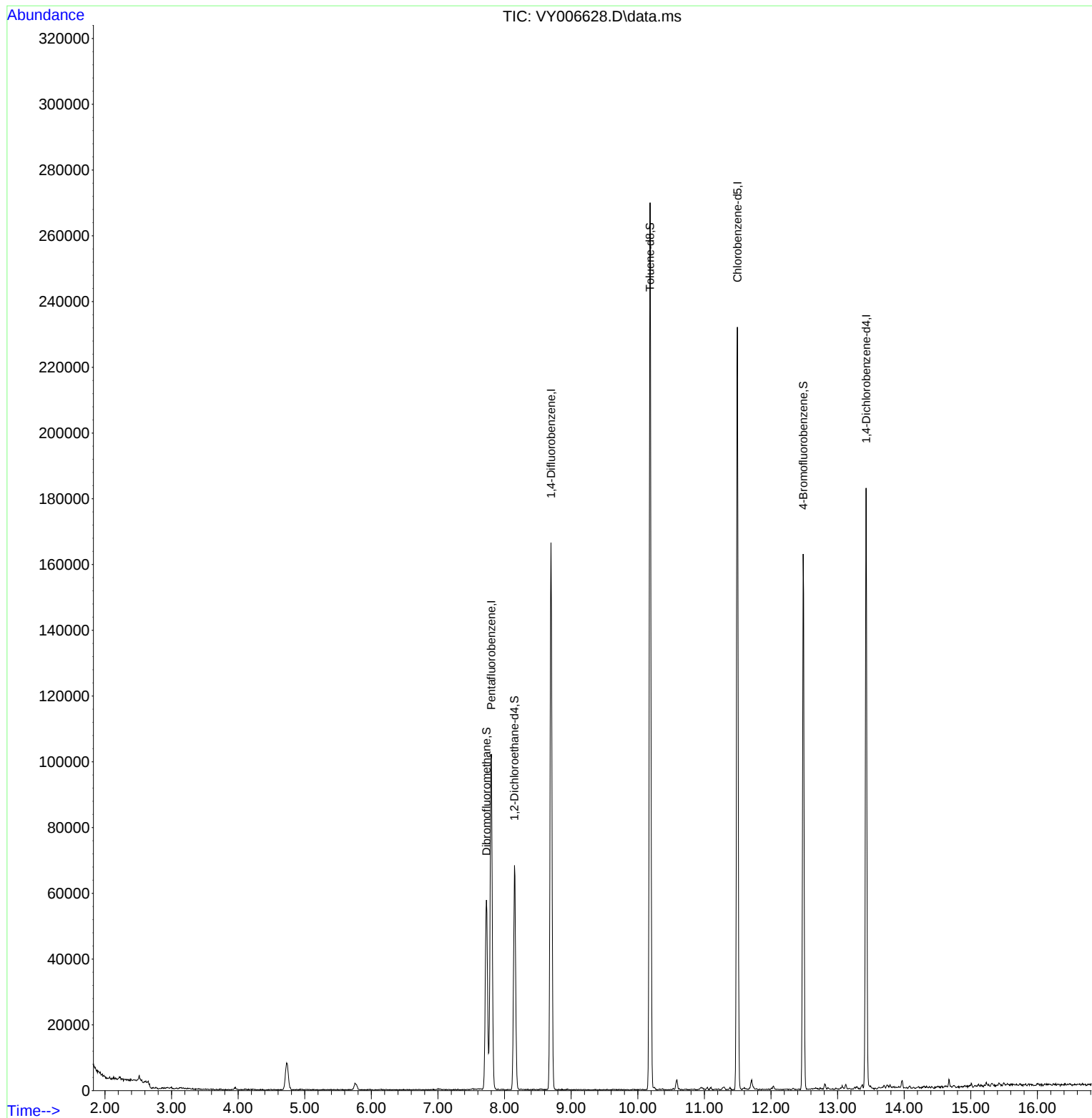
Target Compounds	Qvalue

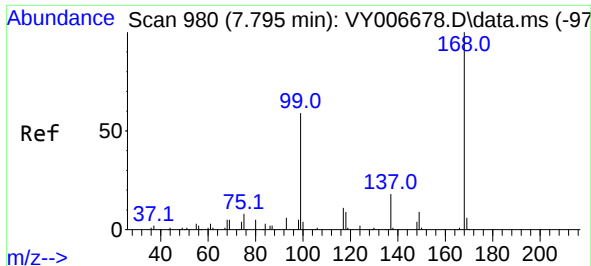
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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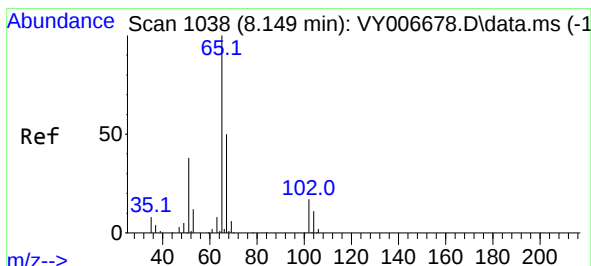
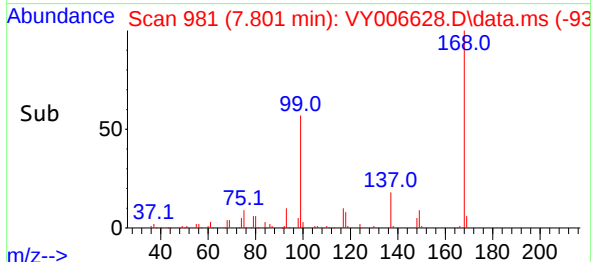
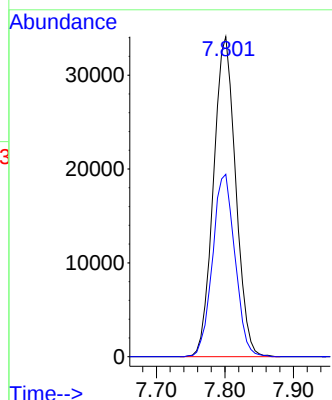
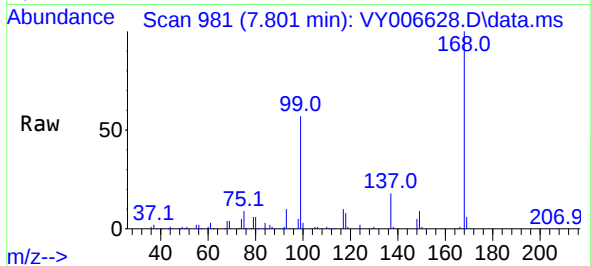




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006628.D
Acq: 04 Nov 2021 18:39

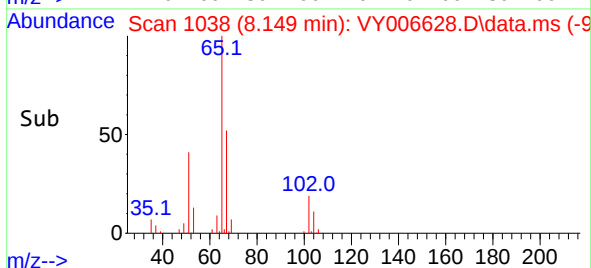
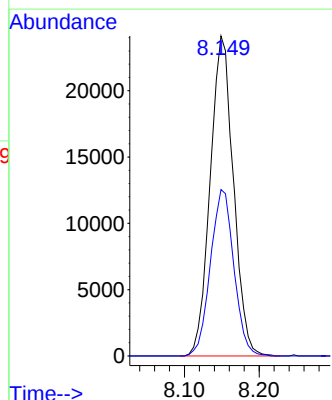
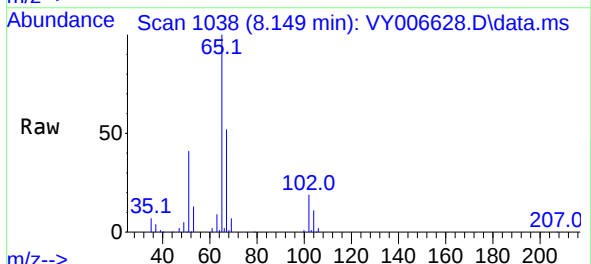
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KSRE

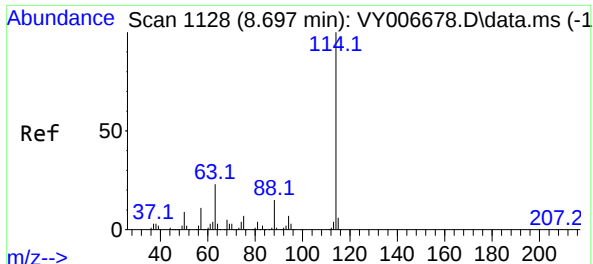
Tgt Ion:168 Resp: 76525
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 55.394 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006628.D
Acq: 04 Nov 2021 18:39

Tgt Ion: 65 Resp: 52164
Ion Ratio Lower Upper
65 100
67 52.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006628.D

Acq: 04 Nov 2021 18:39

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-KSRE

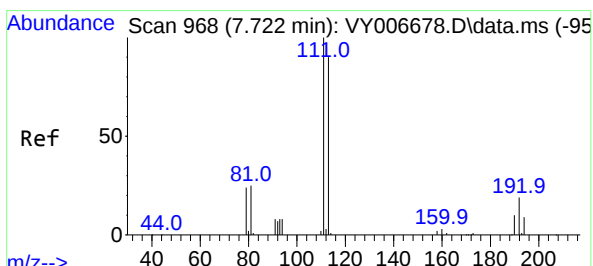
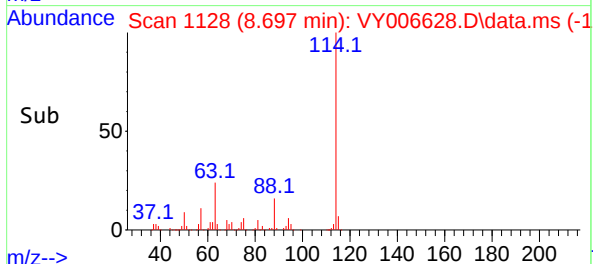
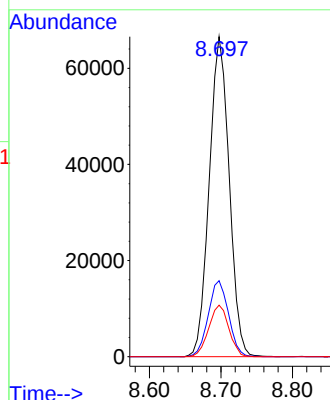
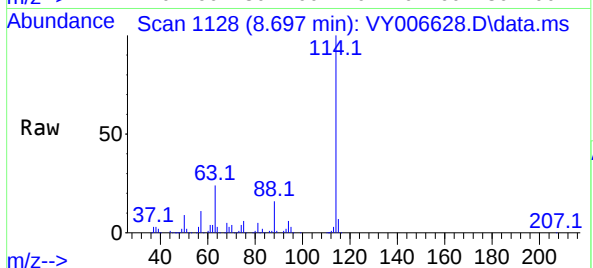
Tgt Ion:114 Resp: 128977

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.586 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006628.D

Acq: 04 Nov 2021 18:39

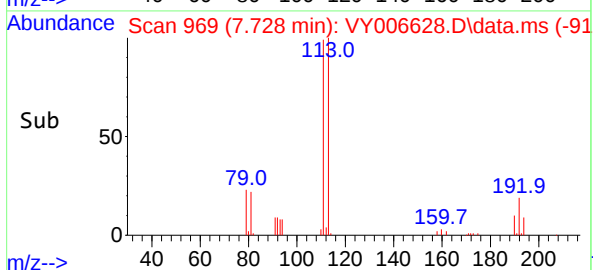
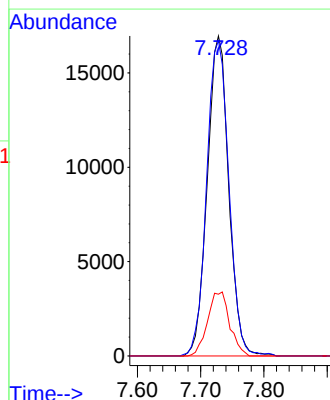
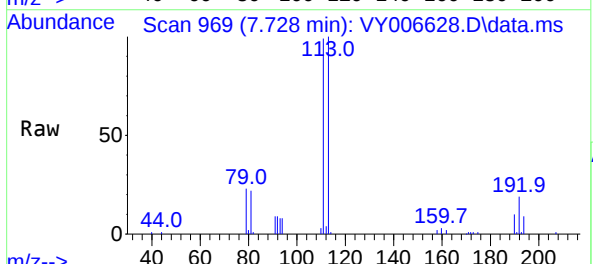
Tgt Ion:113 Resp: 39960

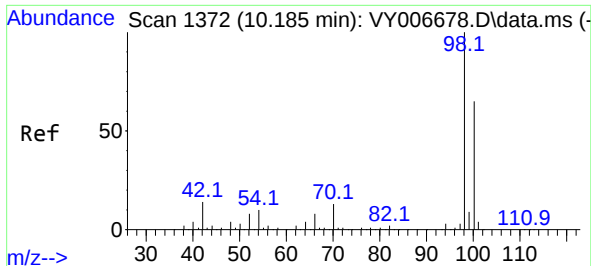
Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

192 20.6 17.4 26.2

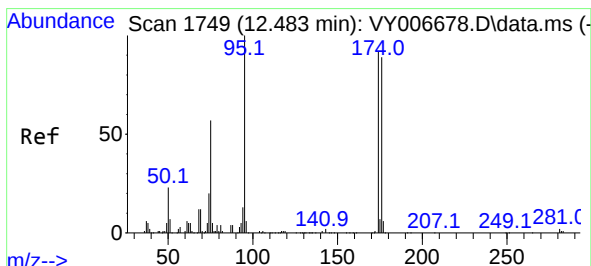
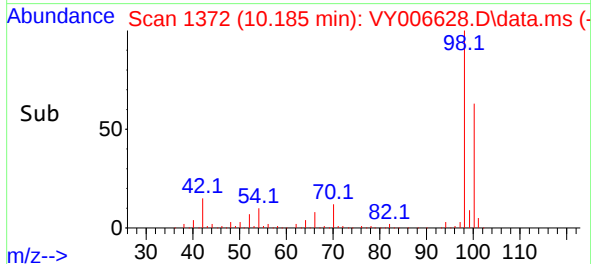
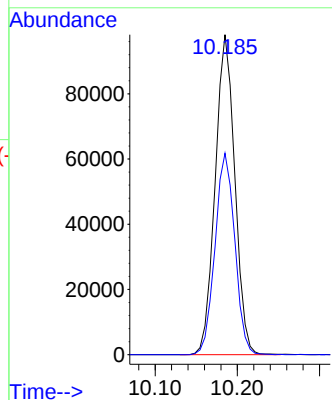
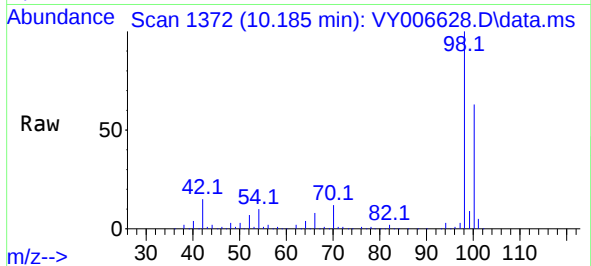




#50
Toluene-d8
Concen: 53.455 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006628.D
Acq: 04 Nov 2021 18:39

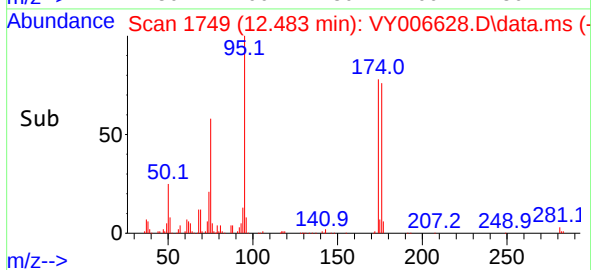
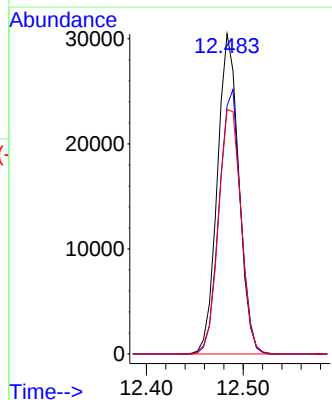
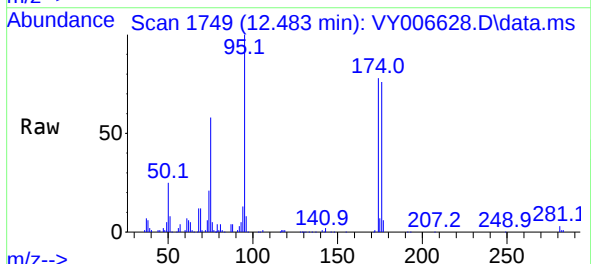
Instrument :
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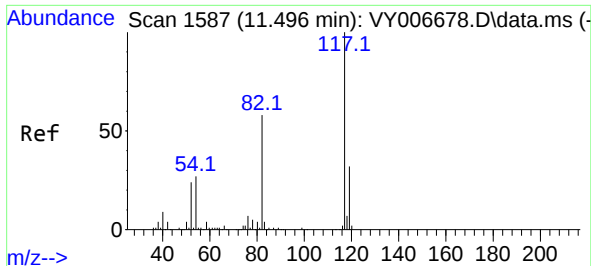
Tgt Ion: 98 Resp: 162900
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006628.D
Acq: 04 Nov 2021 18:39

Tgt Ion: 95 Resp: 46940
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.0 0.0 169.4

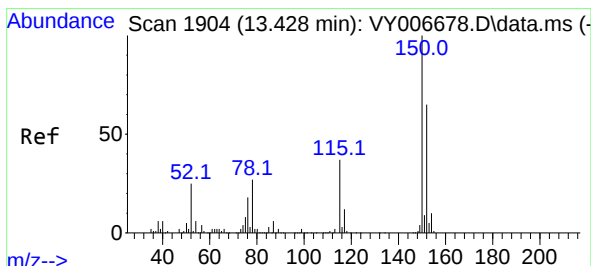
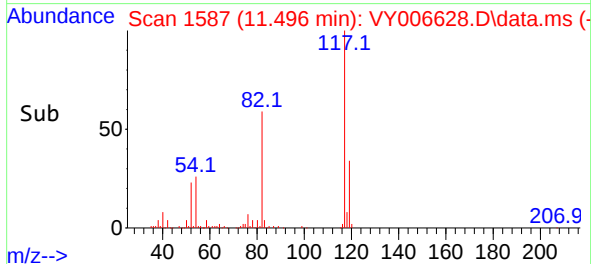
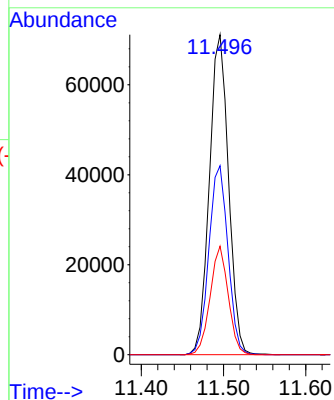
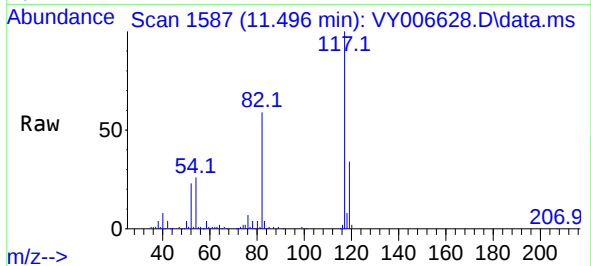




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006628.D
Acq: 04 Nov 2021 18:39

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KSRE

Tgt Ion:117 Resp: 114954
Ion Ratio Lower Upper
117 100
82 59.0 45.7 68.5
119 33.9 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: VY006628.D
Acq: 04 Nov 2021 18:39

Tgt Ion:152 Resp: 42155
Ion Ratio Lower Upper
152 100
115 59.4 28.5 85.5
150 157.5 0.0 348.2

