

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006459.D
 Acq On : 25 Oct 2021 12:18
 Operator : SY/MD
 Sample : M4315-01
 Misc : 4.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-S

Quant Time: Oct 26 02:42:37 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	103454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72104	56.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.280%
35) Dibromofluoromethane	7.722	113	52170	53.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.020%
50) Toluene-d8	10.185	98	222459	53.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.483	95	65925	47.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.700%

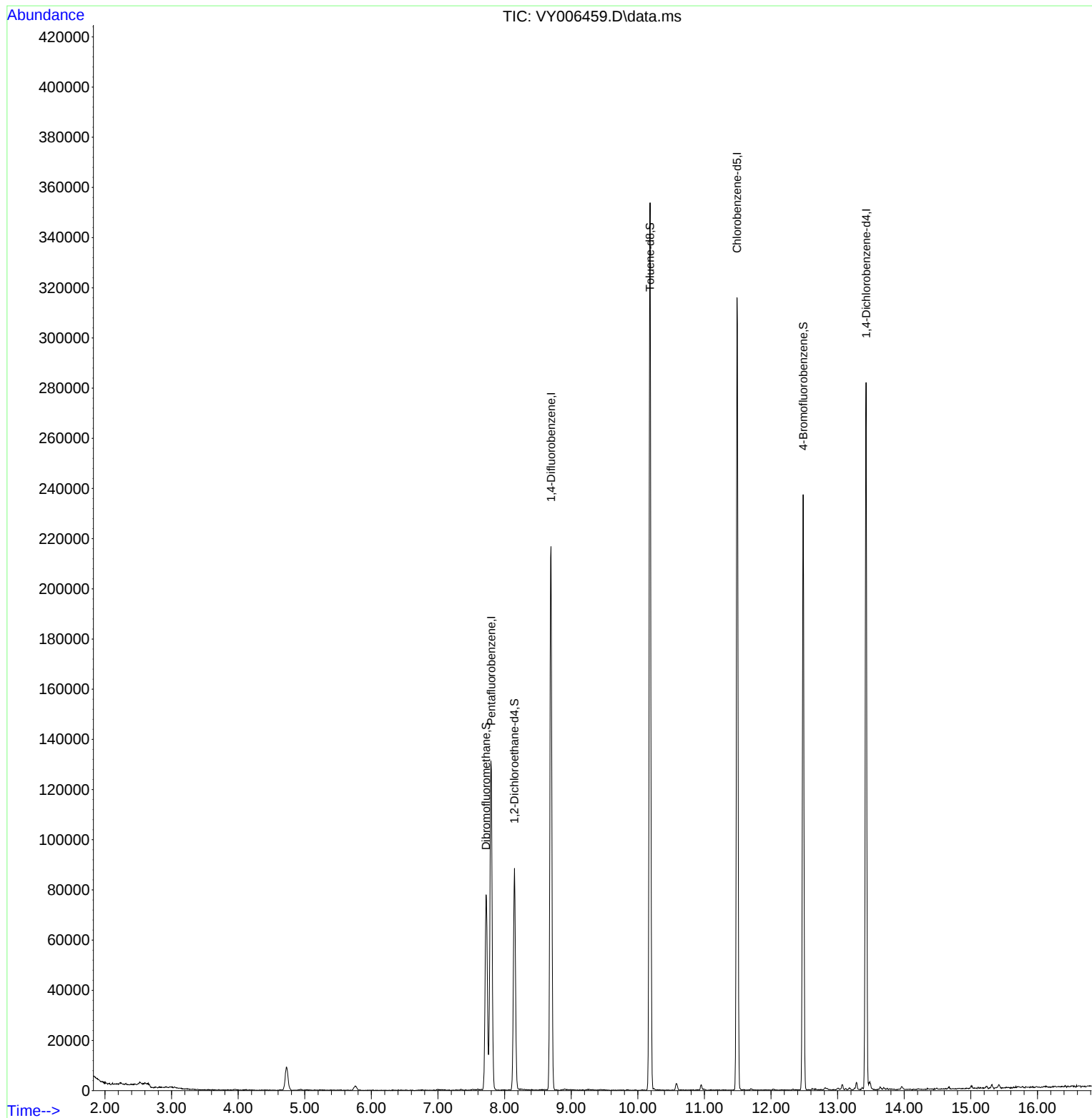
Target Compounds	Qvalue

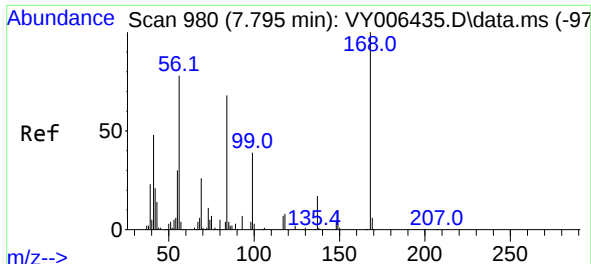
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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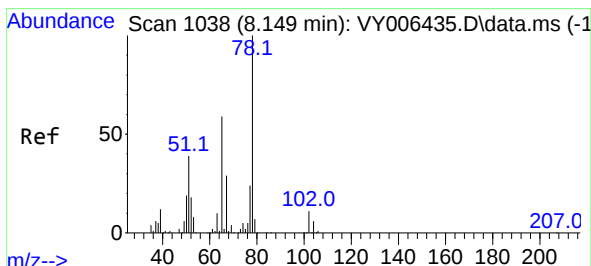
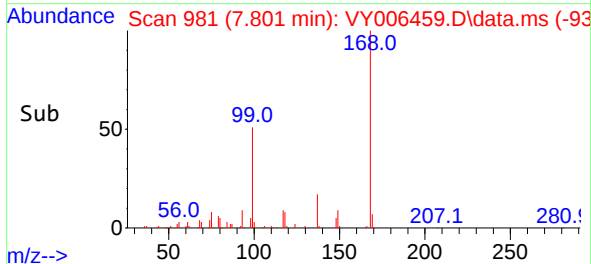
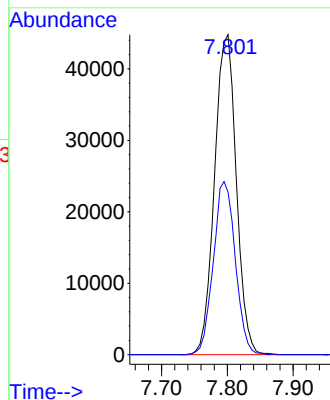
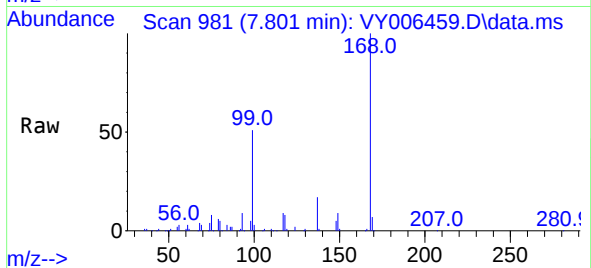




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

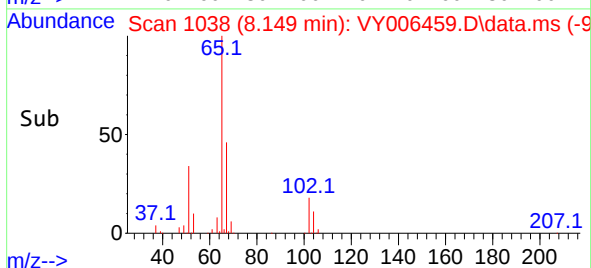
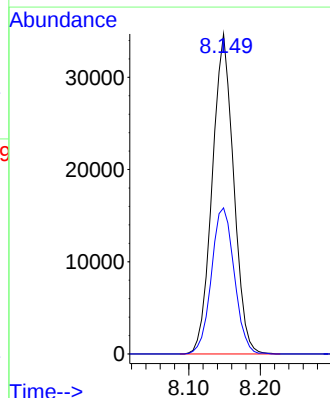
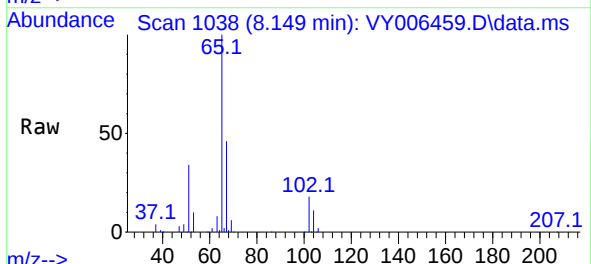
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-S

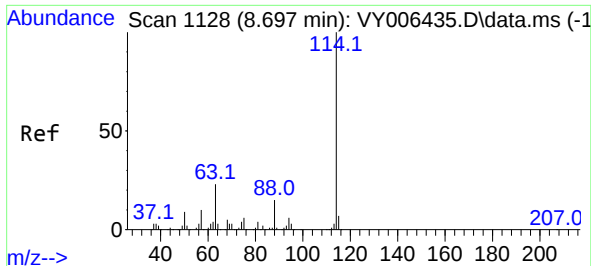
Tgt Ion:168 Resp: 103454
Ion Ratio Lower Upper
168 100
99 50.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 56.638 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 65 Resp: 72104
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.2

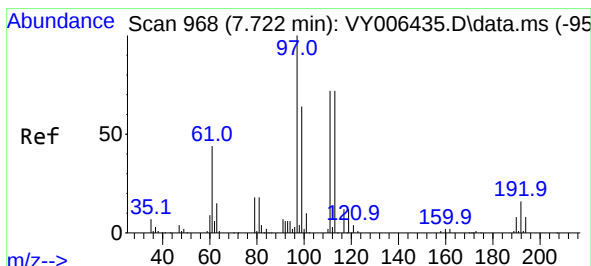
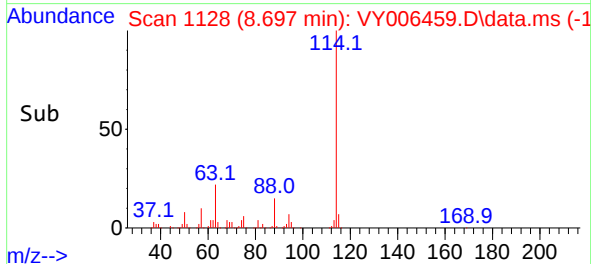
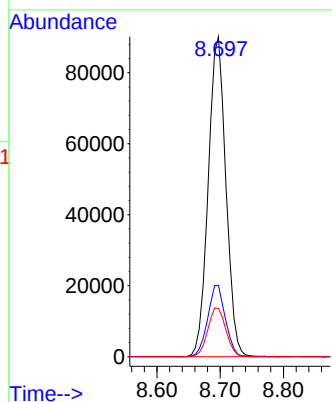
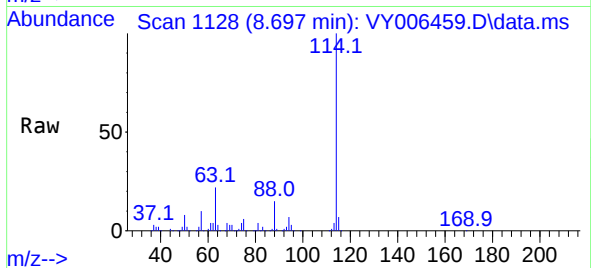




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

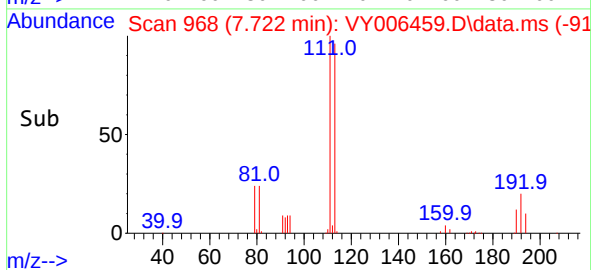
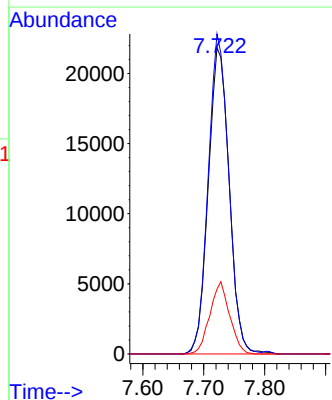
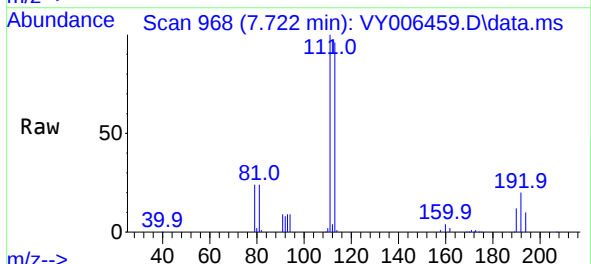
Instrument :
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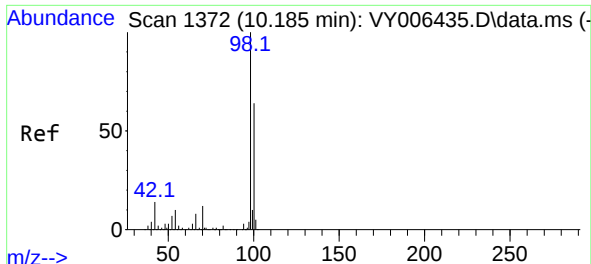
Tgt Ion:	114	Resp:	174929
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.0
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.507 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion:	113	Resp:	52170
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	22.3	17.4	26.2

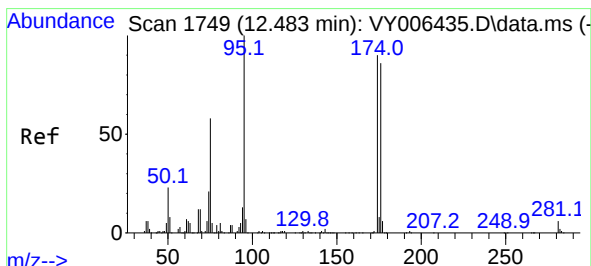
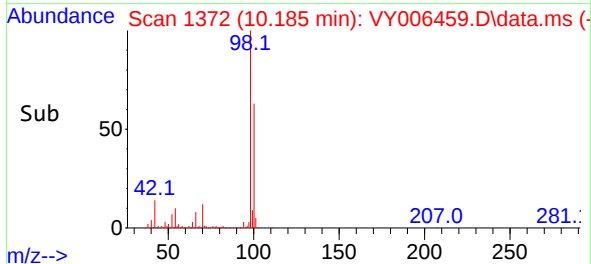
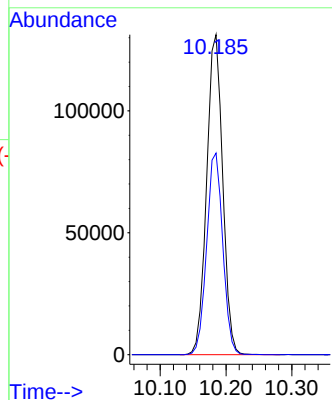
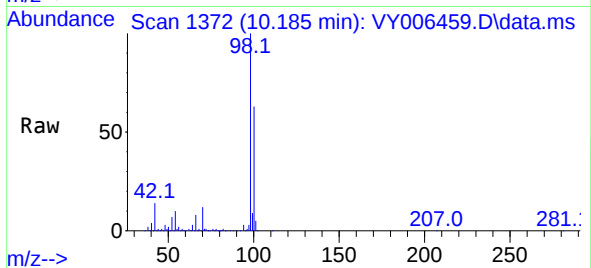




#50
Toluene-d8
Concen: 53.823 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

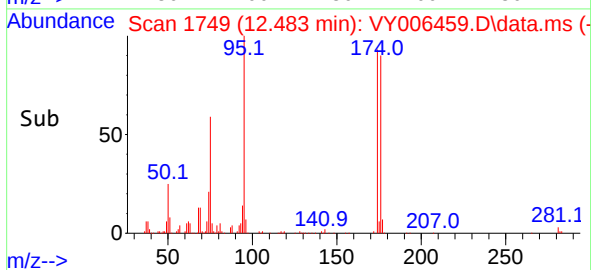
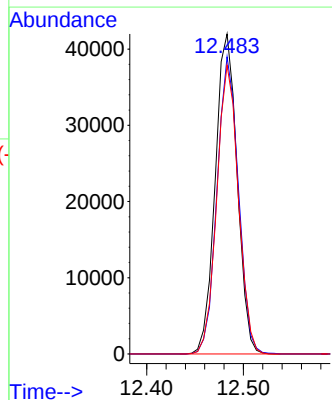
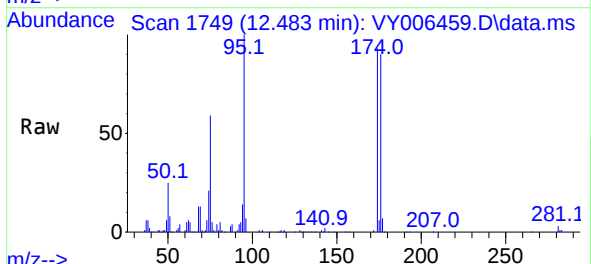
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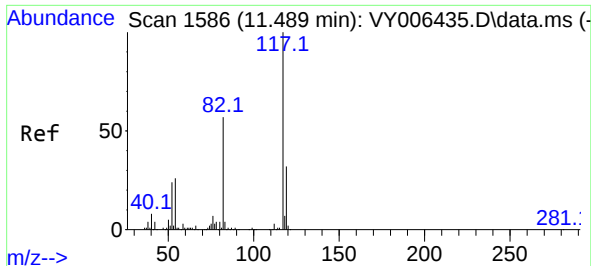
Tgt Ion: 98 Resp: 222459
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion: 95 Resp: 65925
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 88.7 0.0 169.4

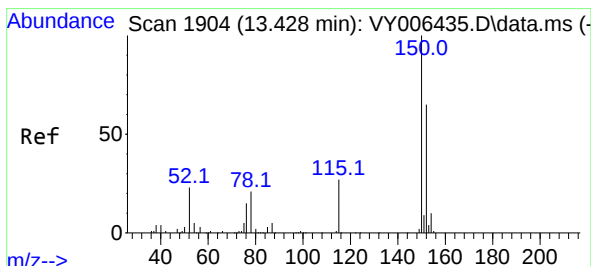
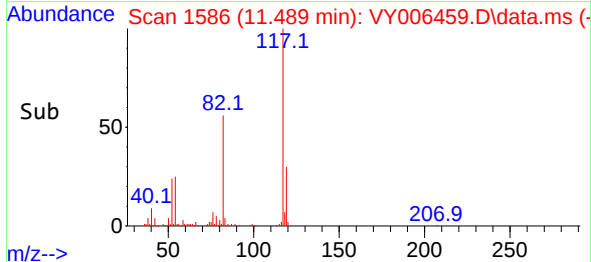
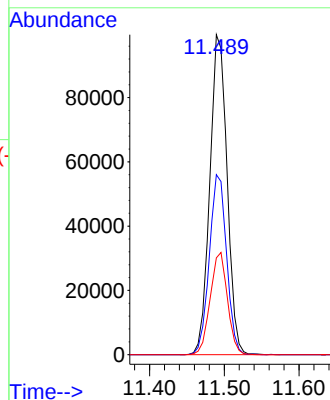
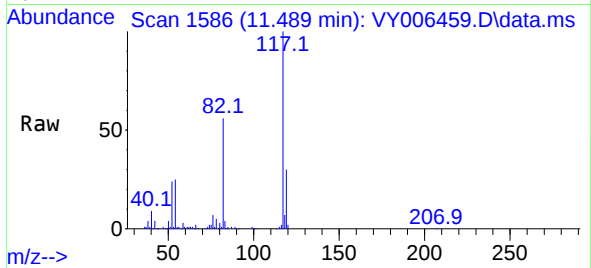




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006459.D
Acq: 25 Oct 2021 12:18

Instrument :
MSVOA_Y
ClientSampleId :
MH-D-S

Tgt Ion:	117	Resp:	160167
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.7	68.5
119	30.3	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: VY006459.D
Acq: 25 Oct 2021 12:18

Tgt Ion:	152	Resp:	68431
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.5	85.5
150	158.1	0.0	348.2

