

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006461.D
 Acq On : 25 Oct 2021 13:06
 Operator : SY/MD
 Sample : M4313-03
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3990

Quant Time: Oct 26 02:43:04 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	15119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9689	52.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.160%
35) Dibromofluoromethane	7.722	113	6498	51.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.940%
50) Toluene-d8	10.185	98	27663	51.690	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.483	95	7183	39.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.680%

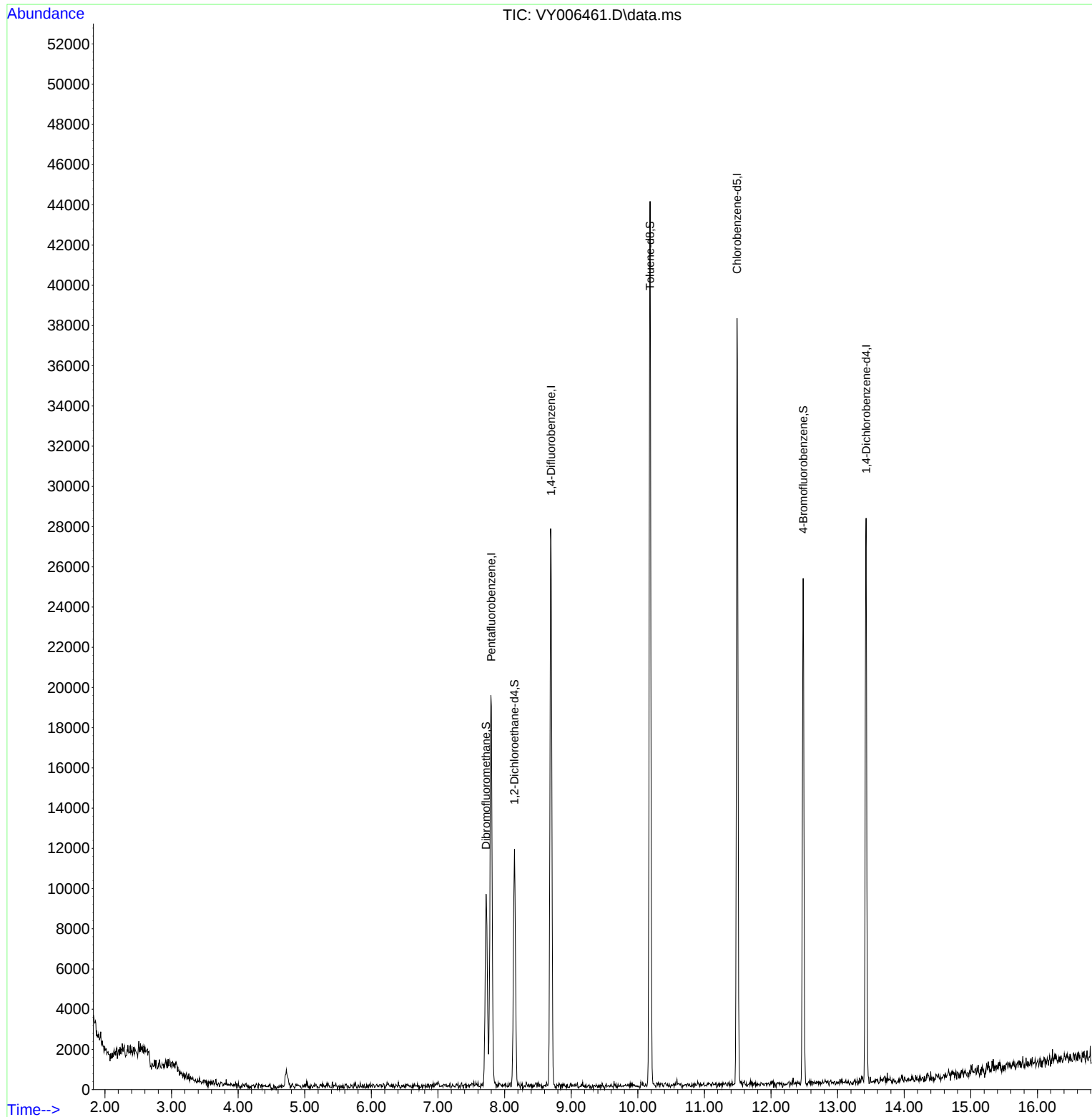
Target Compounds	Qvalue

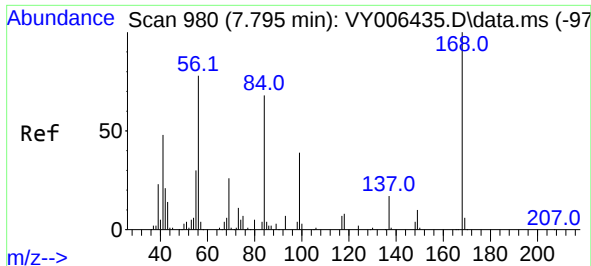
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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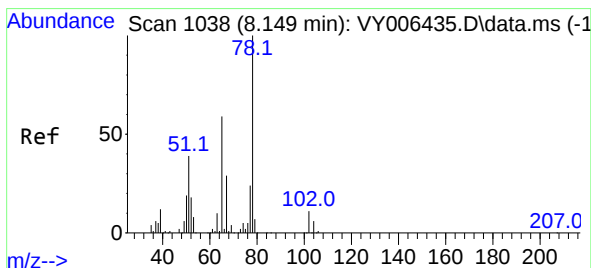
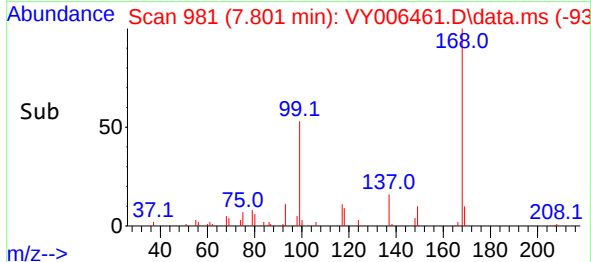
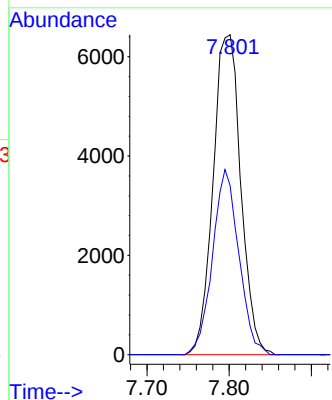
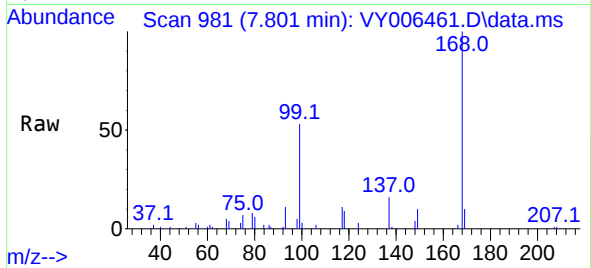




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

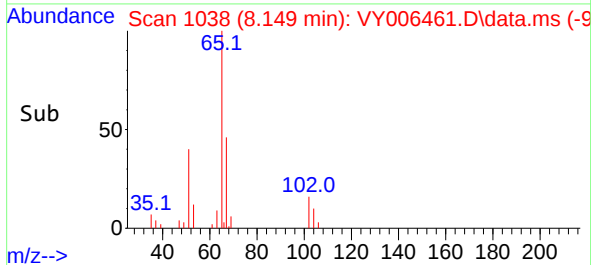
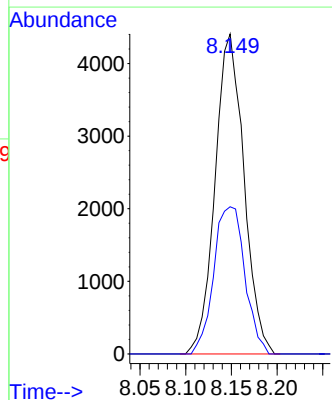
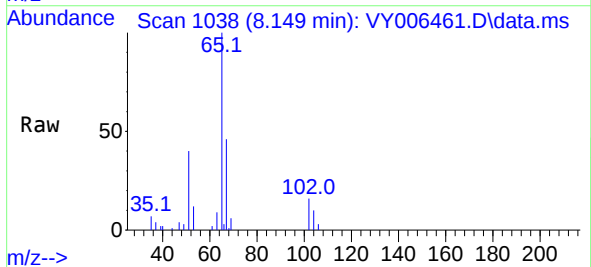
Instrument :
MSVOA_Y
ClientSampleId :
3990

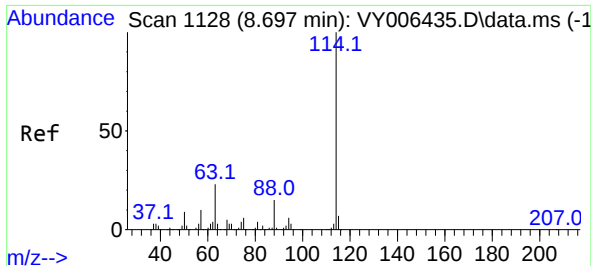
Tgt Ion:168 Resp: 15119
Ion Ratio Lower Upper
168 100
99 52.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 52.078 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

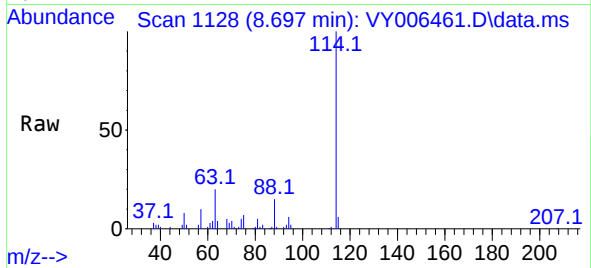
Tgt Ion: 65 Resp: 9689
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.2



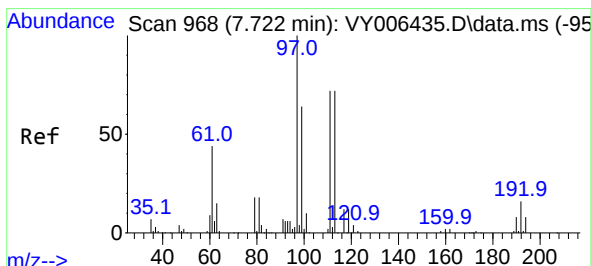
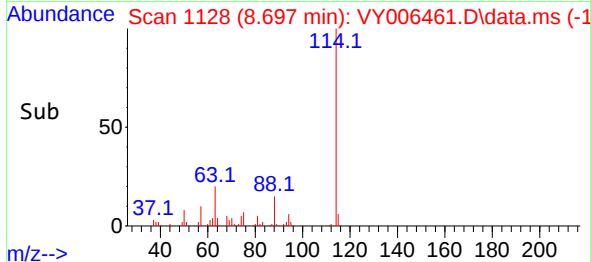
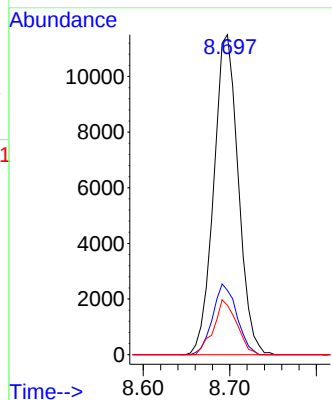


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Instrument :
MSVOA_Y
ClientSampled :
3990

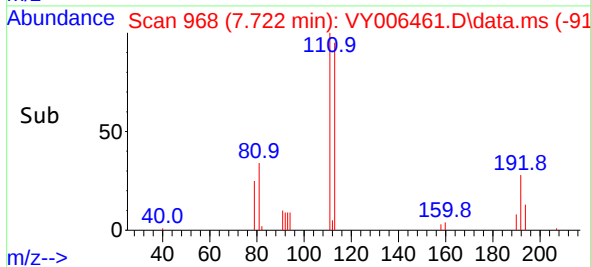
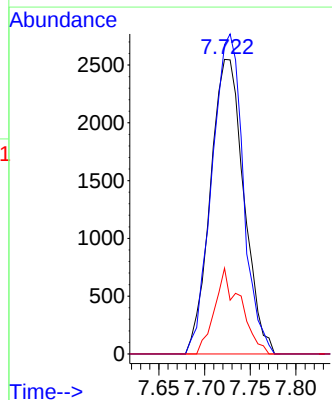
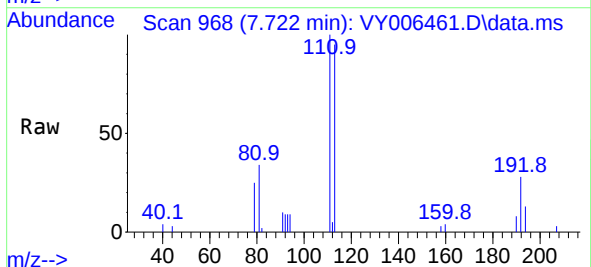


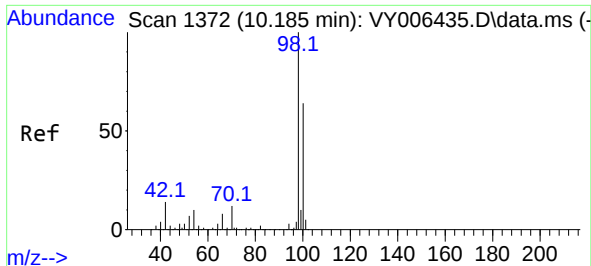
Tgt Ion:	114	Resp:	22650
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.0
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion:	113	Resp:	6498
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.3	123.5
192	22.7	17.4	26.2

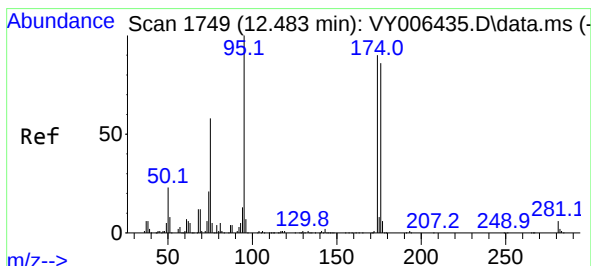
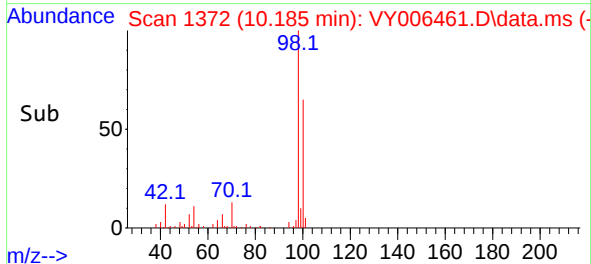
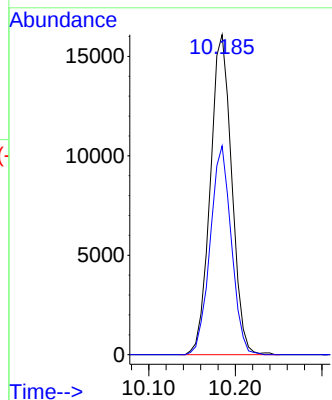
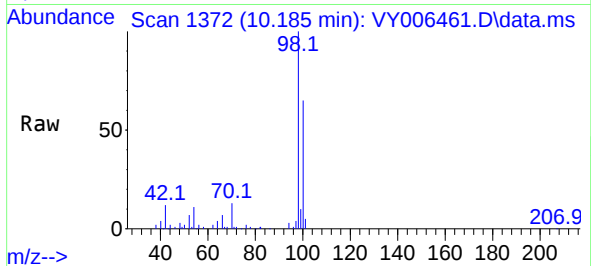




#50
Toluene-d8
Concen: 51.690 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

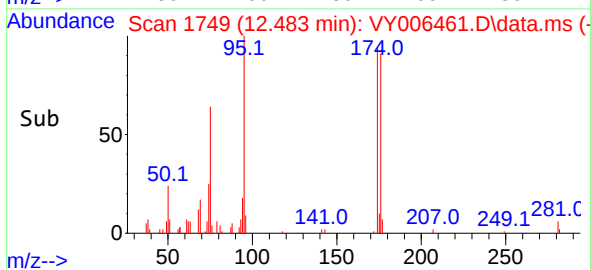
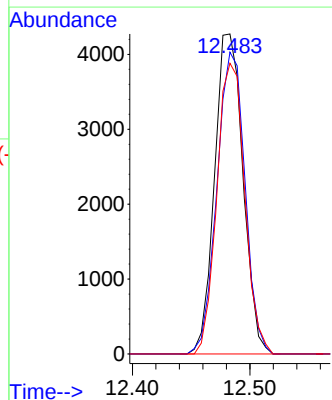
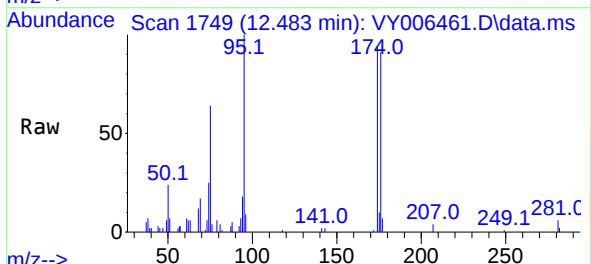
Instrument :
MSVOA_Y
ClientSampled :
3990

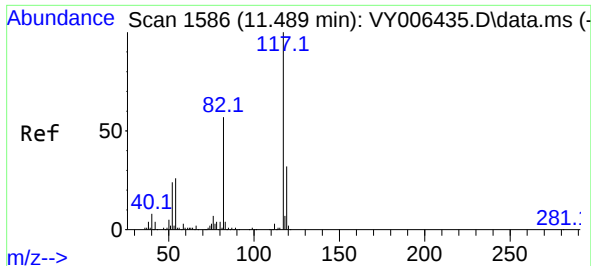
Tgt Ion: 98 Resp: 27663
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.844 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion: 95 Resp: 7183
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 89.0 0.0 169.4

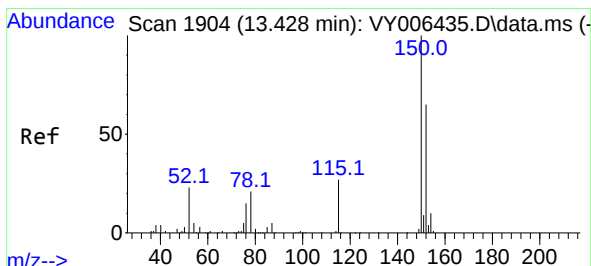
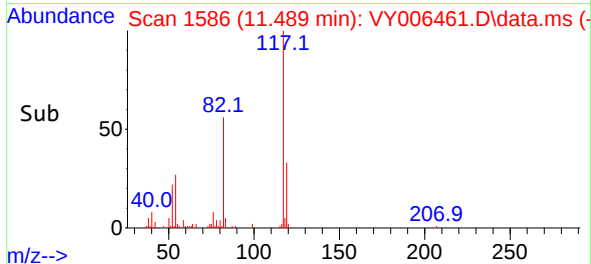
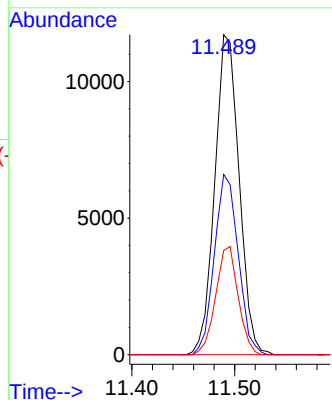
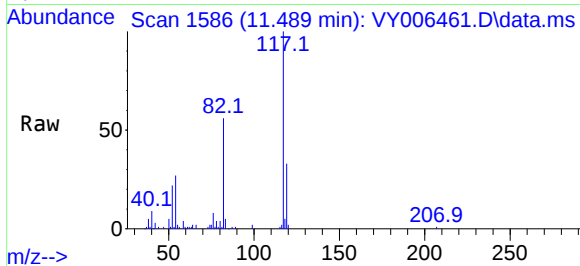




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006461.D
Acq: 25 Oct 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :
3990

Tgt Ion:	117	Resp:	19268
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.7	68.5
119	32.6	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: VY006461.D
Acq: 25 Oct 2021 13:06

Tgt Ion:	152	Resp:	7185
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.5	85.5
150	154.8	0.0	348.2

