

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006470.D
 Acq On : 25 Oct 2021 16:38
 Operator : SY/MD
 Sample : M4290-07
 Misc : 5.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-BD

Quant Time: Oct 26 02:45:17 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)

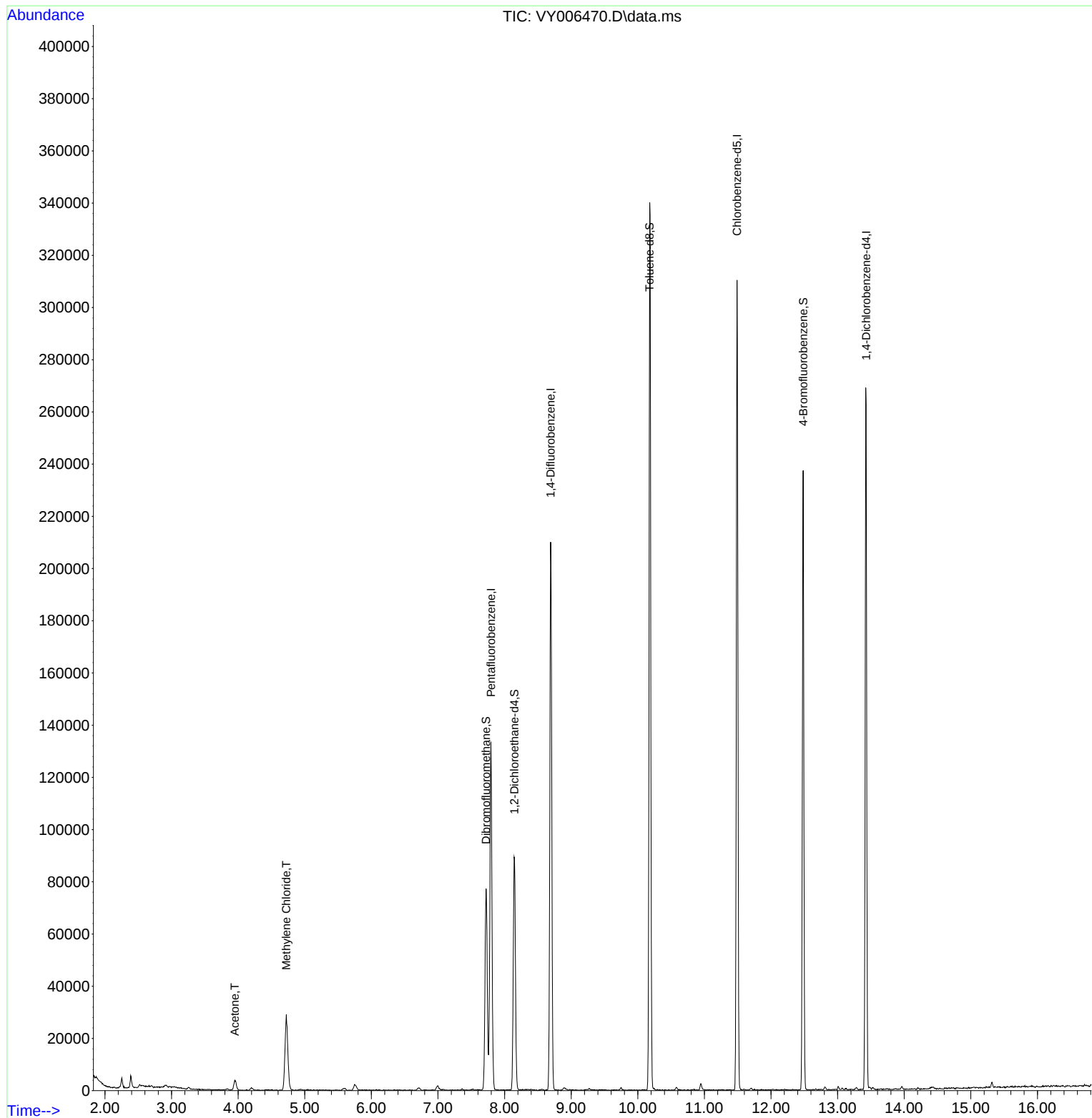
Internal Standards						
1) Pentafluorobenzene	7.795	168	99056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	156919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74334	60.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.960%
35) Dibromofluoromethane	7.722	113	50802	54.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.020%
50) Toluene-d8	10.179	98	216522	54.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.483	95	62870	47.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.480%
Target Compounds						Qvalue
16) Acetone	3.948	43	6653	18.955	ug/l	98
20) Methylene Chloride	4.722	84	18909	14.494	ug/l #	96

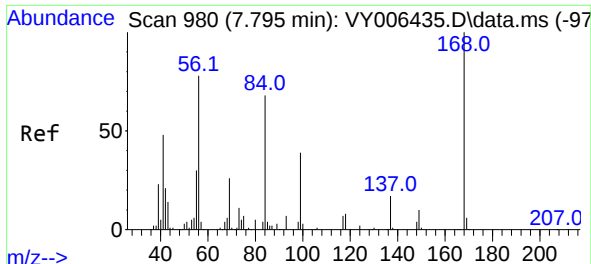
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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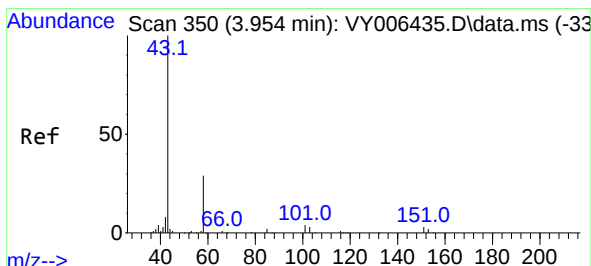
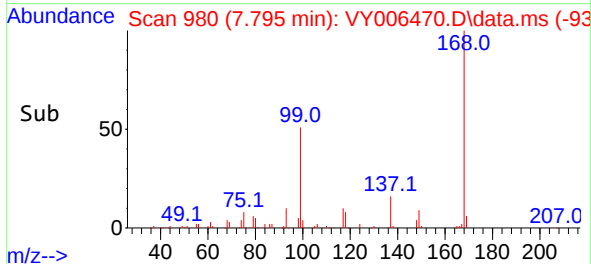
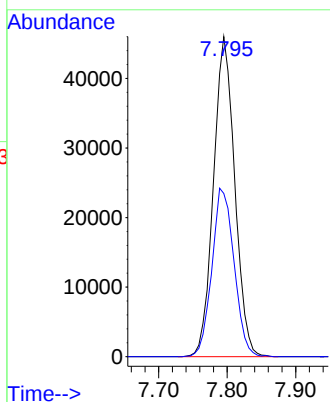
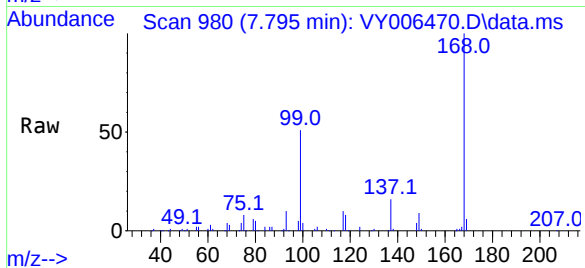




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

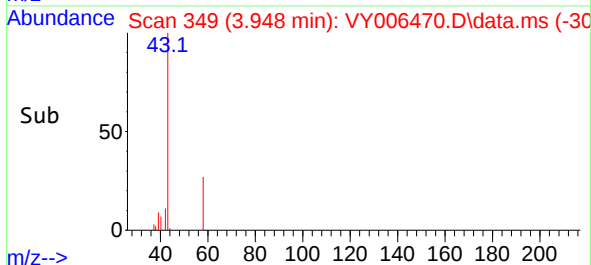
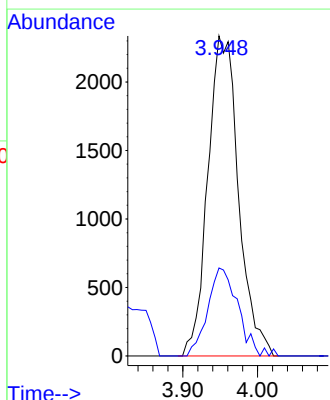
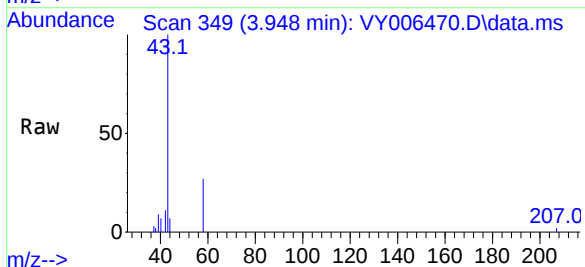
Instrument :
MSVOA_Y
ClientSampleId :
TH-BD

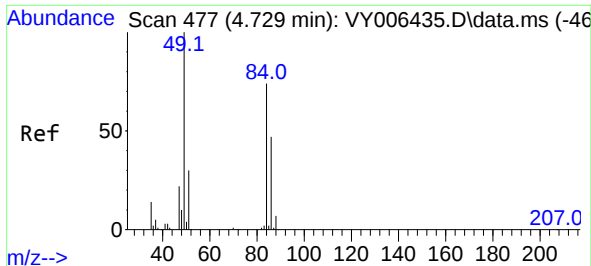
Tgt Ion:168 Resp: 99056
Ion Ratio Lower Upper
168 100
99 51.0 44.8 67.2



#16
Acetone
Concen: 18.955 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

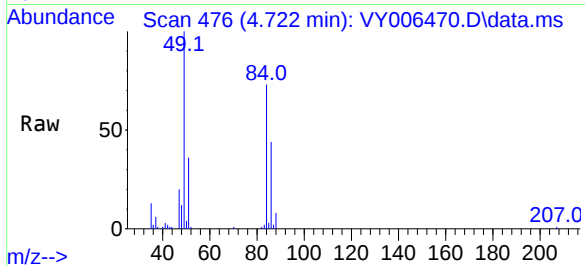
Tgt Ion: 43 Resp: 6653
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3



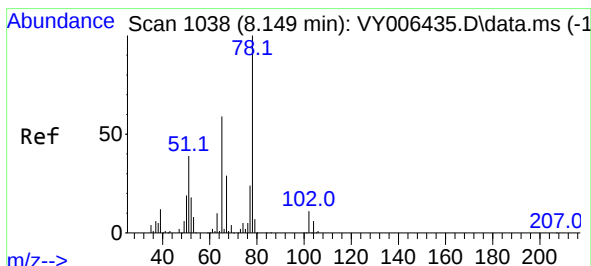
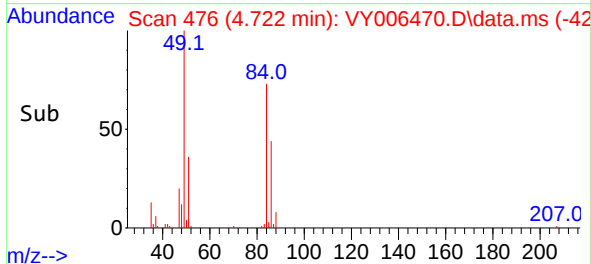
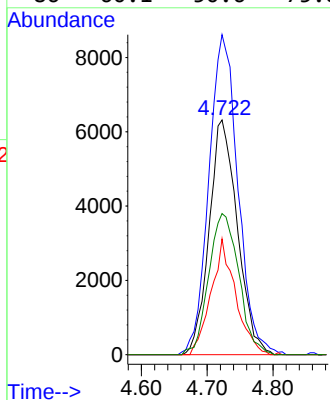


#20
Methylene Chloride
Concen: 14.494 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

Instrument :
MSVOA_Y
ClientSampleId :
TH-BD

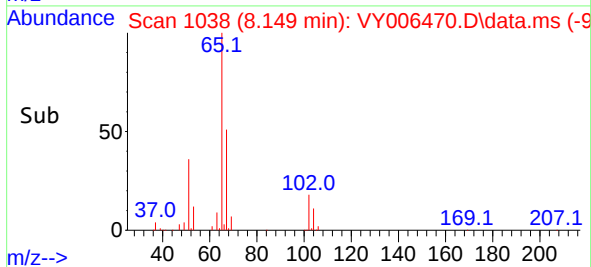
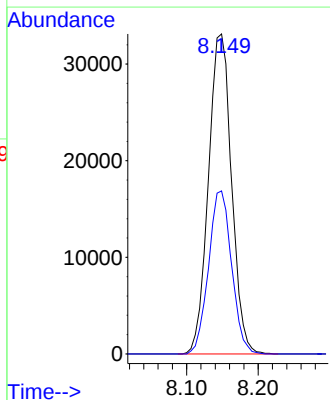
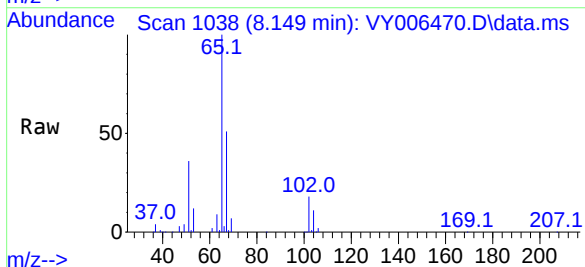


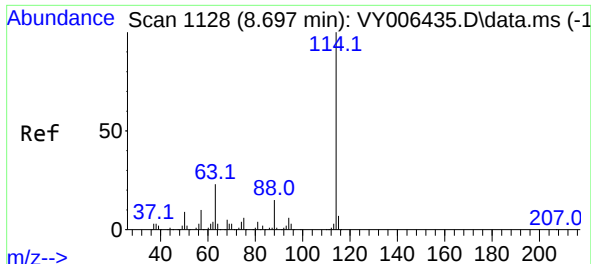
Tgt Ion: 84 Resp: 18909
Ion Ratio Lower Upper
84 100
49 136.3 107.8 161.8
51 49.4 32.8 49.2#
86 60.1 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 60.982 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

Tgt Ion: 65 Resp: 74334
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.2

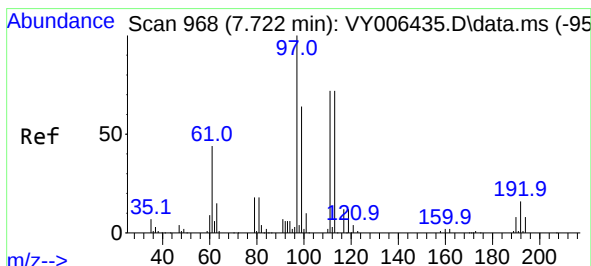
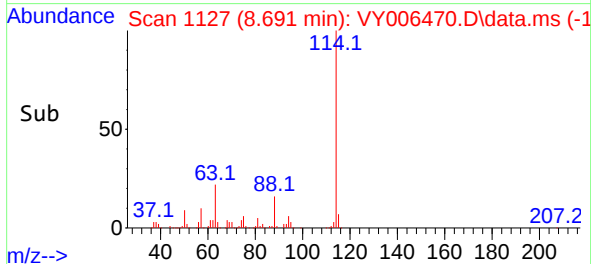
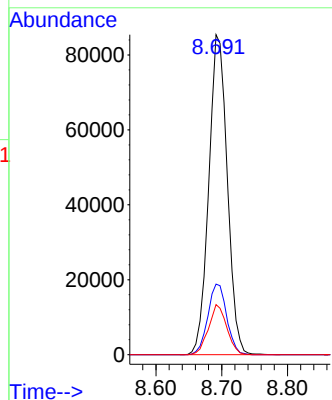
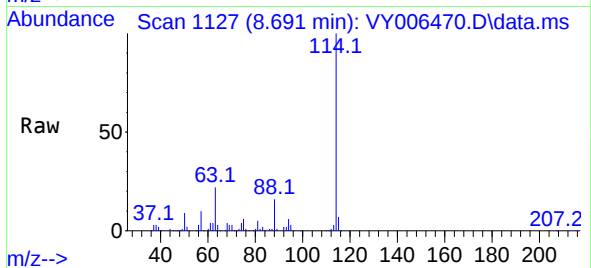




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

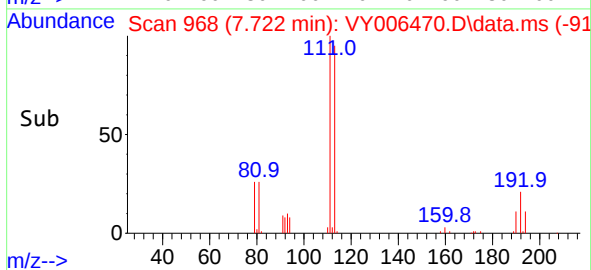
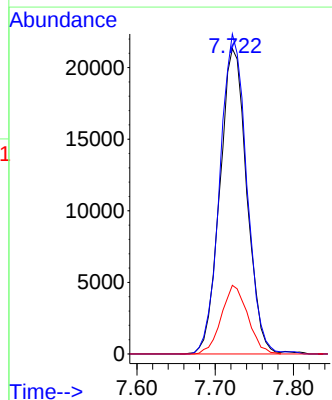
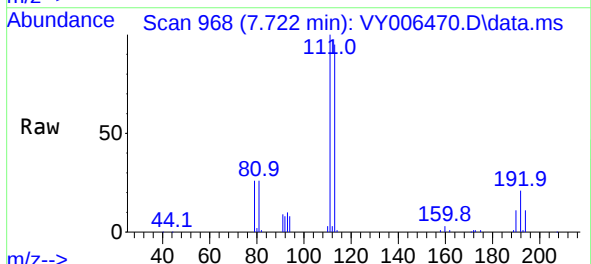
Instrument :
MSVOA_Y
ClientSampled :
TH-BD

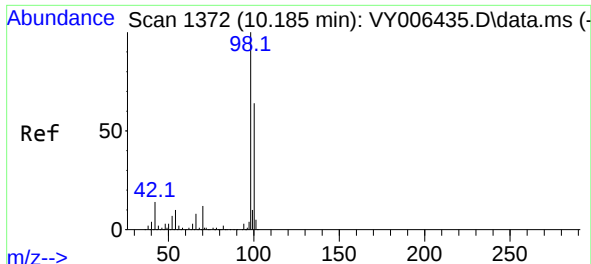
Tgt Ion:	114	Resp:	167206
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	15.7	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.511 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

Tgt Ion:	113	Resp:	50802
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.3	123.5
192	22.1	17.4	26.2

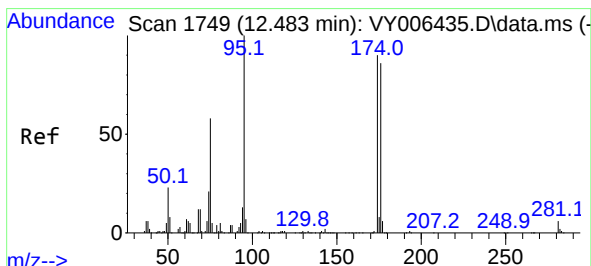
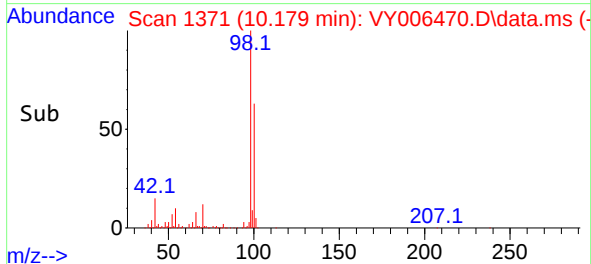
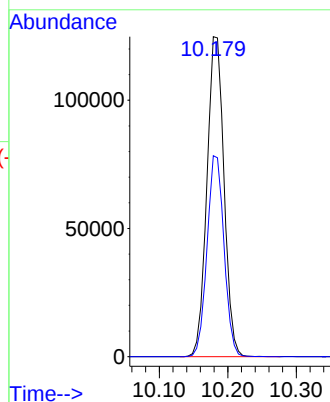
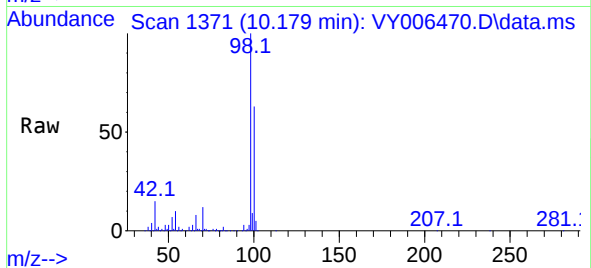




#50
Toluene-d8
Concen: 54.806 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

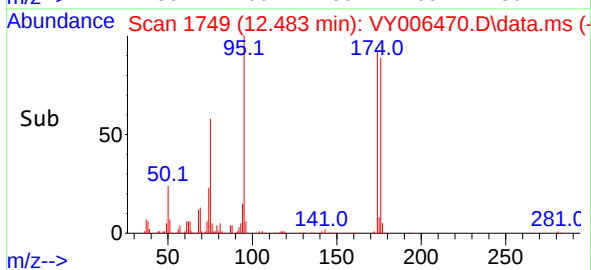
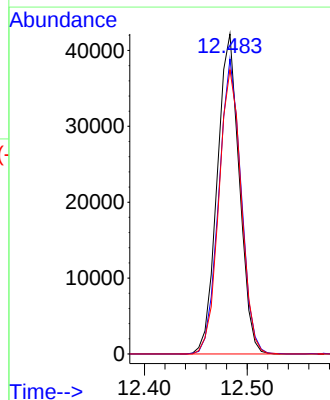
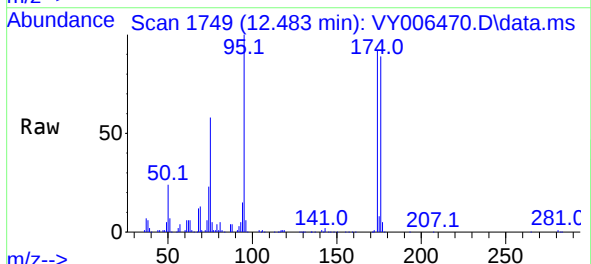
Instrument :
MSVOA_Y
ClientSampled :
TH-BD

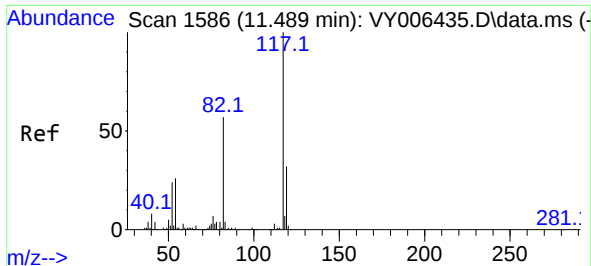
Tgt Ion: 98 Resp: 216522
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

Tgt Ion: 95 Resp: 62870
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 90.0 0.0 169.4

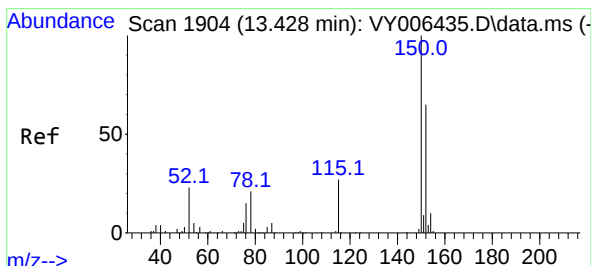
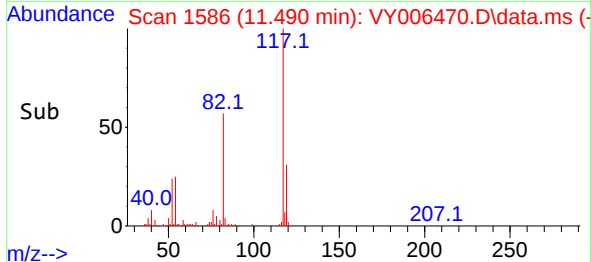
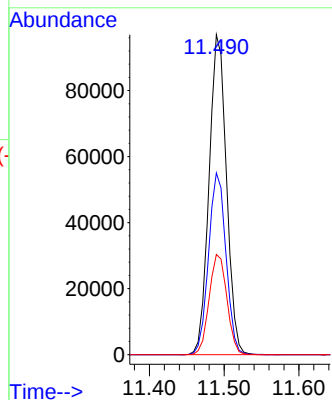
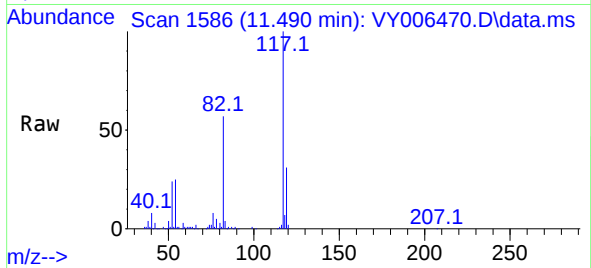




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006470.D
Acq: 25 Oct 2021 16:38

Instrument :
MSVOA_Y
ClientSampleId :
TH-BD

Tgt Ion:117 Resp: 156919
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.3 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: VY006470.D
Acq: 25 Oct 2021 16:38

Tgt Ion:152 Resp: 66919
Ion Ratio Lower Upper
152 100
115 54.8 28.5 85.5
150 155.1 0.0 348.2

