

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008205.D
 Acq On : 05 Apr 2022 13:30
 Operator : SY/MD
 Sample : N2220-17RE
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145RE

Quant Time: Apr 06 03:56:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

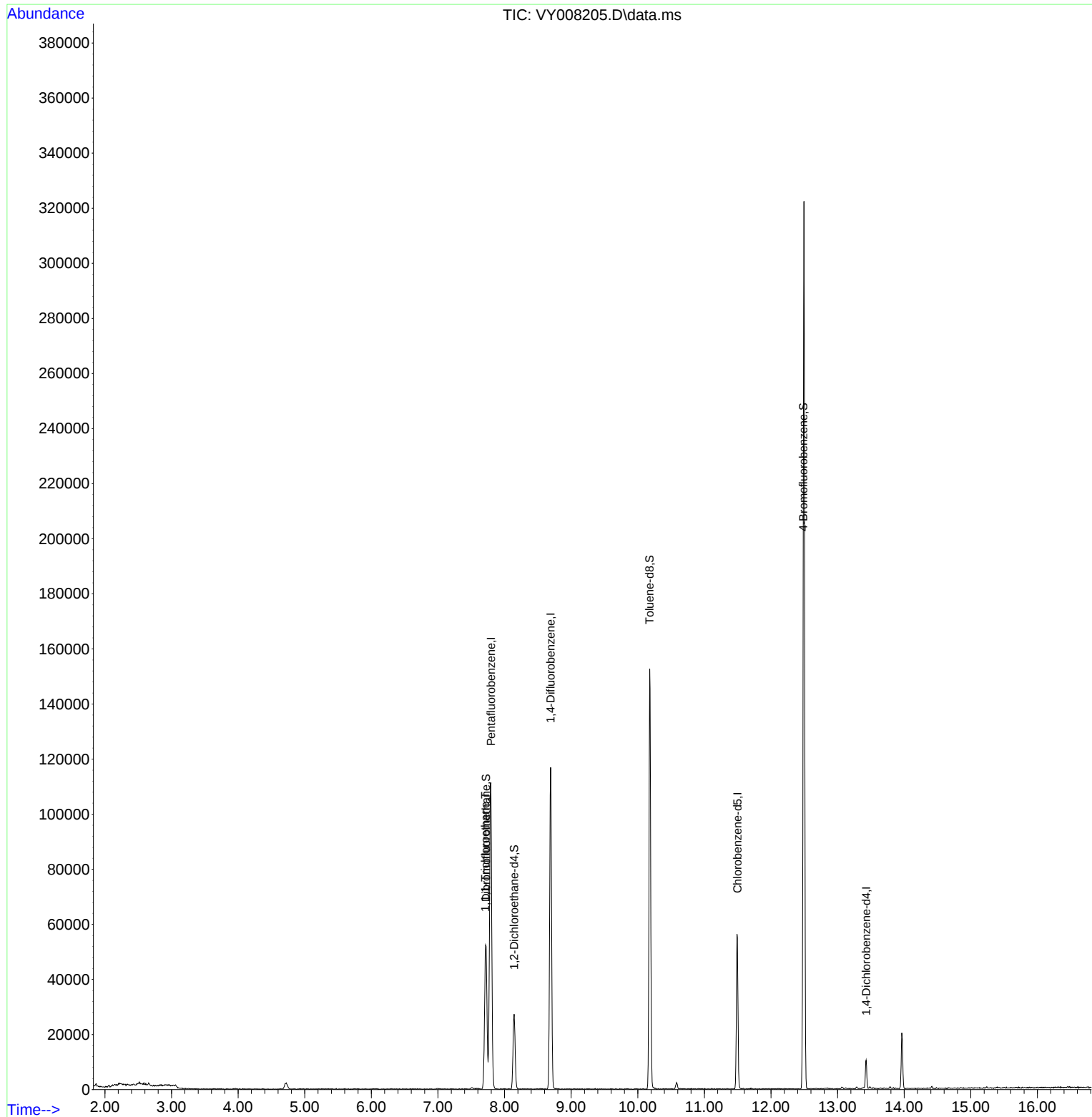
Internal Standards						
1) Pentafluorobenzene	7.795	168	90421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	31820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20918	23.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.120%#
35) Dibromofluoromethane	7.722	113	36925	55.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.000%
50) Toluene-d8	10.179	98	103079	41.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.260%
62) 4-Bromofluorobenzene	12.483	95	5827	6.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	13.180%#
Target Compounds						Qvalue
32) 1,1,1-Trichloroethane	7.710	97	3516	1.955	ug/l	94

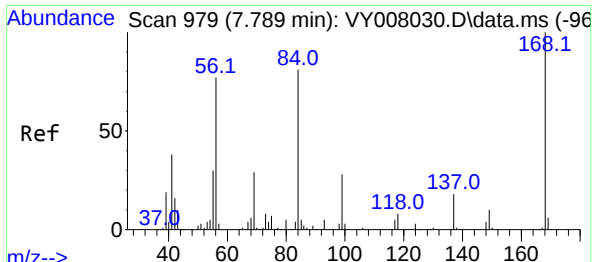
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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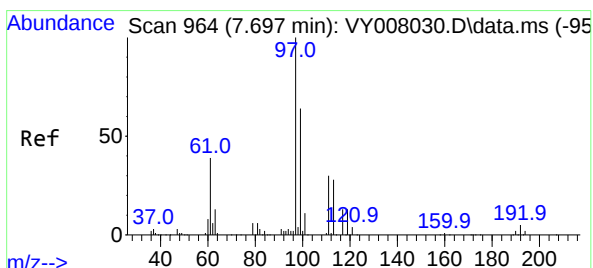
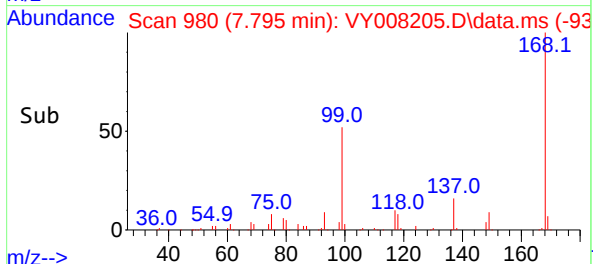
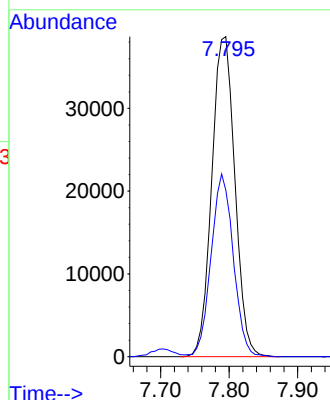
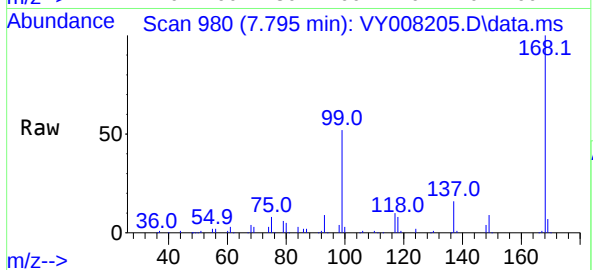




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

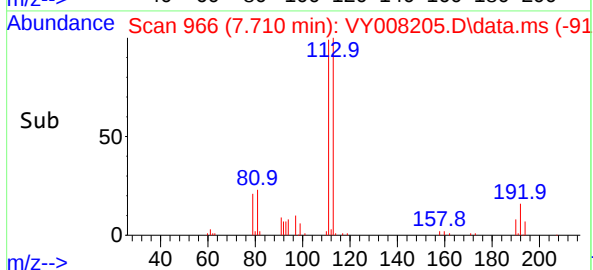
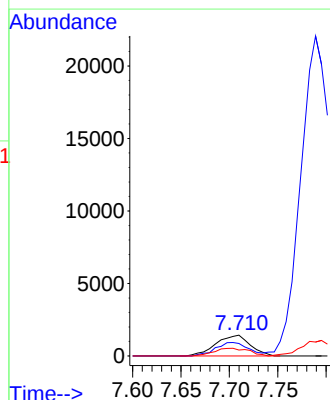
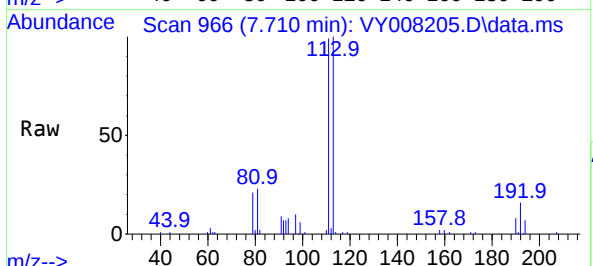
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

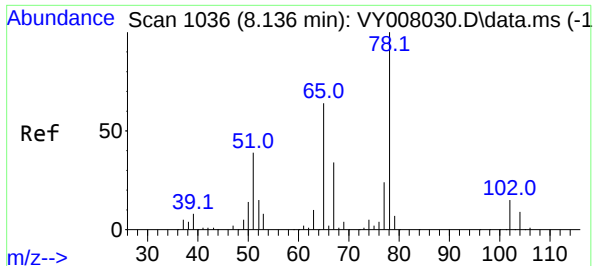
Tgt Ion:168 Resp: 90421
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#32
1,1,1-Trichloroethane
Concen: 1.955 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.013 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion: 97 Resp: 3516
Ion Ratio Lower Upper
97 100
99 62.3 50.7 76.1
61 38.2 37.6 56.4

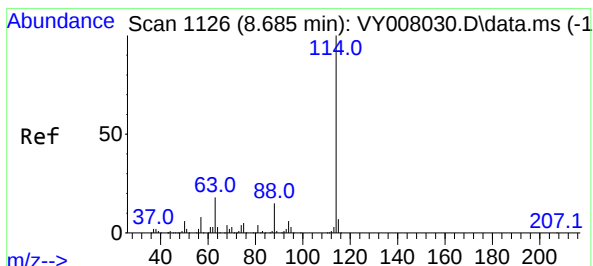
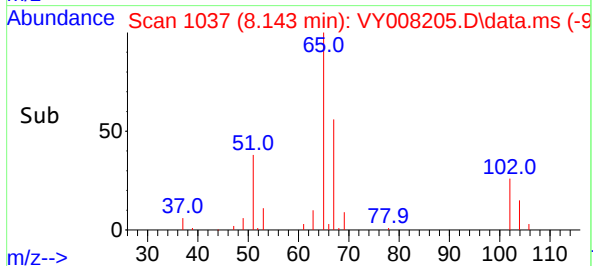
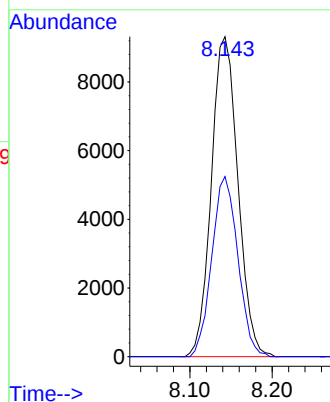
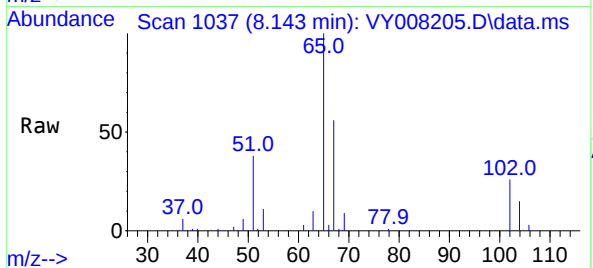




#33
1,2-Dichloroethane-d4
Concen: 23.058 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

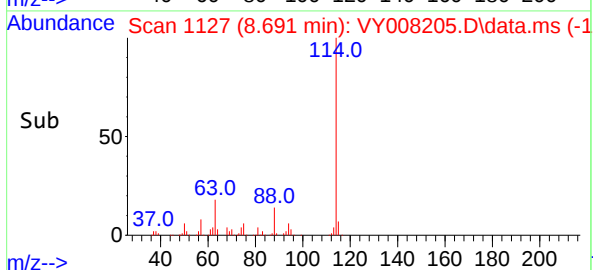
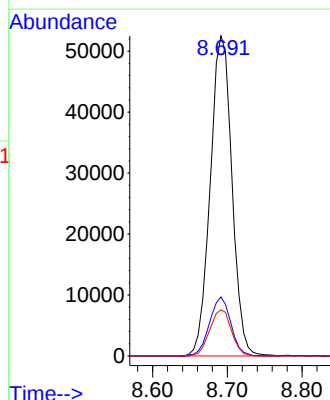
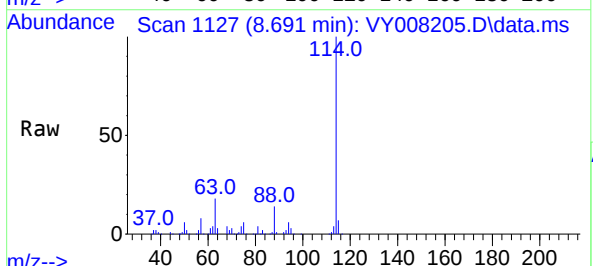
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

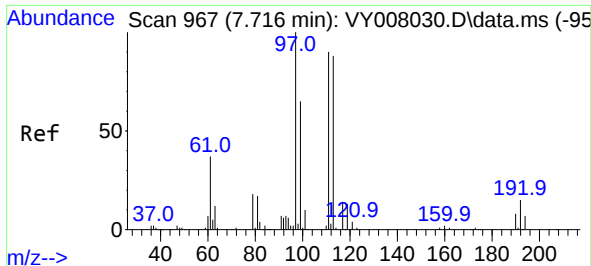
Tgt Ion: 65 Resp: 20918
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion: 114 Resp: 106111
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 14.4 0.0 31.8

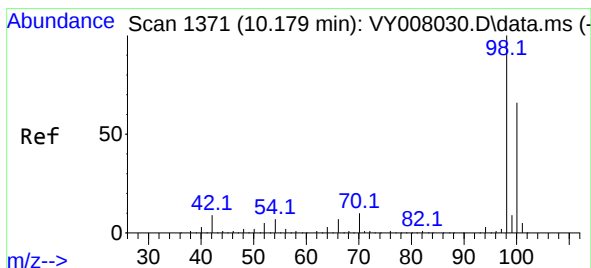
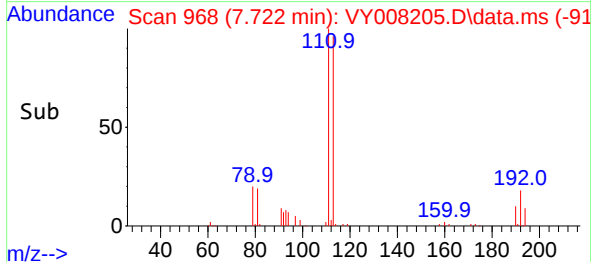
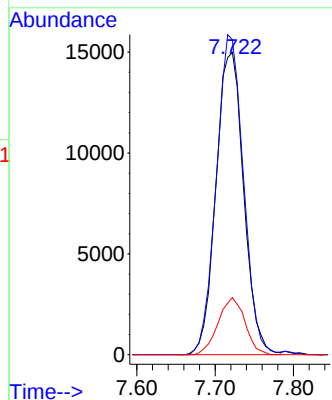
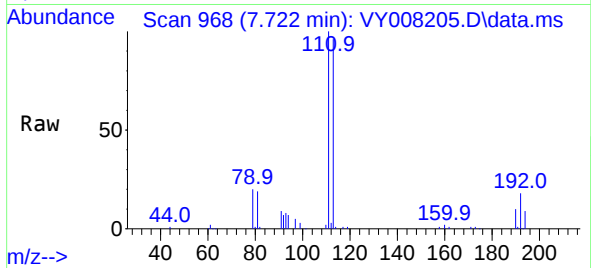




#35
Dibromofluoromethane
Concen: 55.502 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

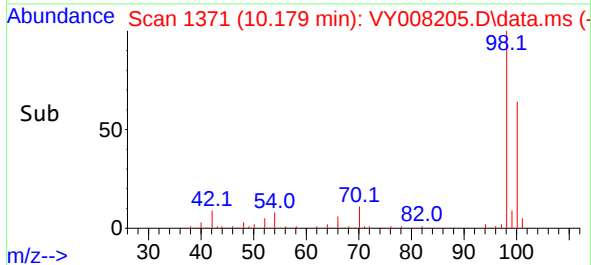
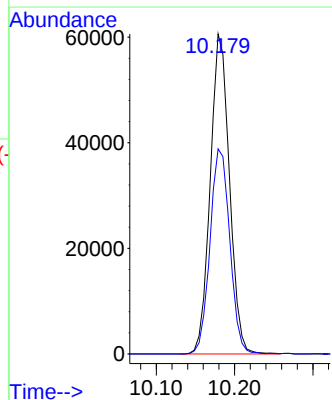
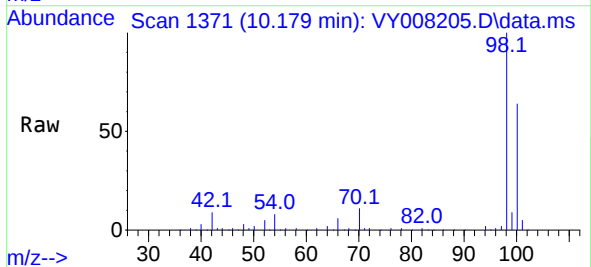
Instrument :
MSVOA_Y
ClientSampleId :
A09145RE

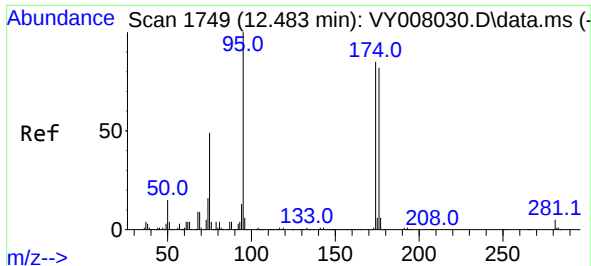
Tgt Ion:113 Resp: 36925
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.2 17.6 26.4



#50
Toluene-d8
Concen: 41.125 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

Tgt Ion: 98 Resp: 103079
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

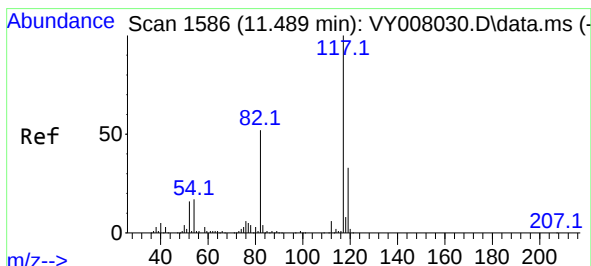
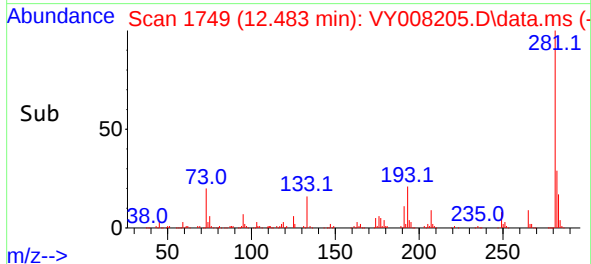
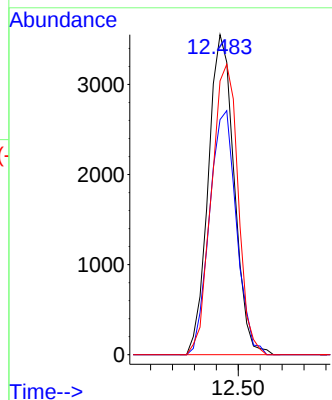
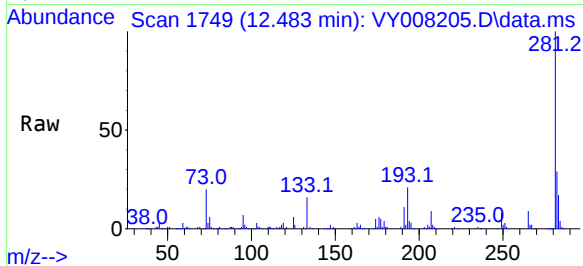




#62
4-Bromofluorobenzene
Concen: 6.589 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

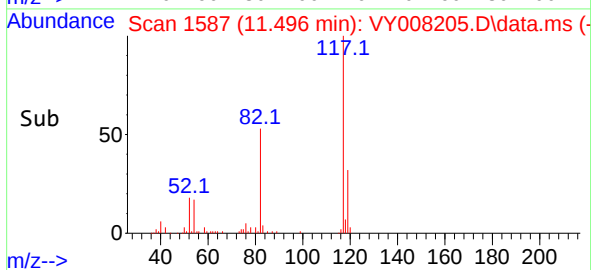
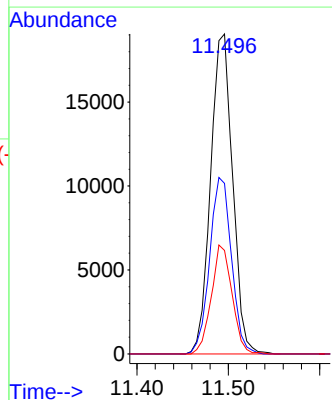
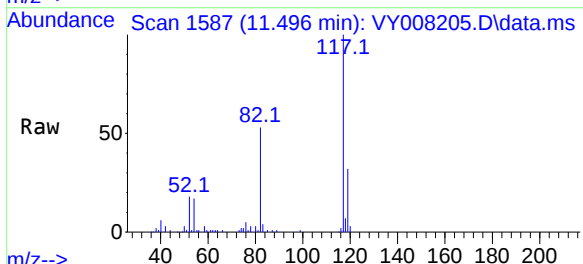
Instrument :
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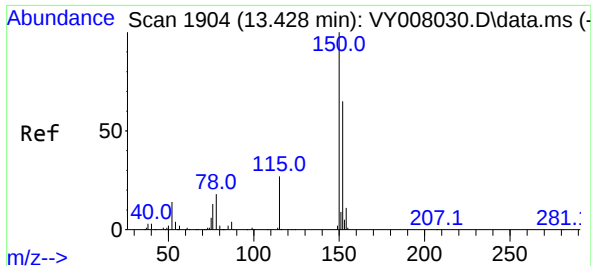
Tgt Ion: 95 Resp: 5827
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 93.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008205.D
Acq: 05 Apr 2022 13:30

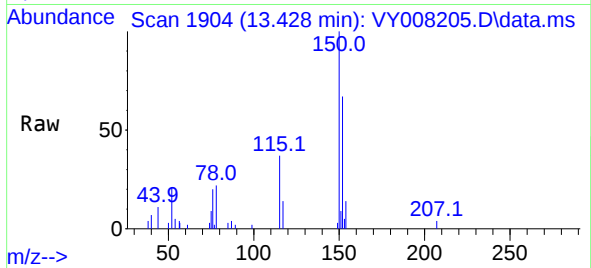
Tgt Ion: 117 Resp: 31820
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008205.D
 Acq: 05 Apr 2022 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145RE



Tgt Ion:	152	Resp:	2859
Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.7
150	160.9	0.0	347.6

