

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008417.D
 Acq On : 20 Apr 2022 14:44
 Operator : KP/MD
 Sample : N2451-03
 Misc : 7.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9145

Quant Time: Apr 21 02:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57627	64.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.180%
35) Dibromofluoromethane	7.722	113	56077	55.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.680%
50) Toluene-d8	10.179	98	217145	62.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.260%
62) 4-Bromofluorobenzene	12.483	95	79926	61.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.580%

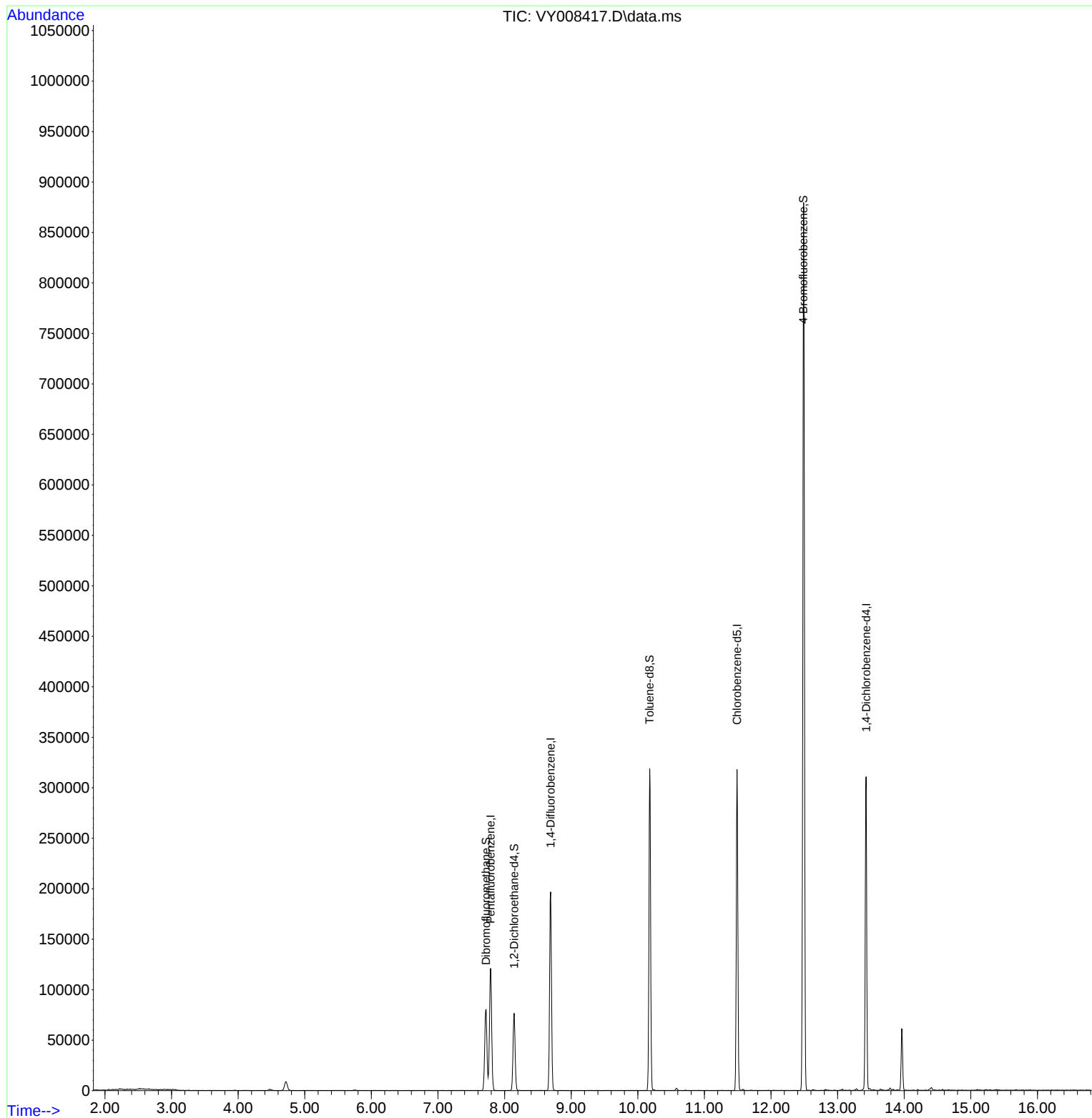
Target Compounds	Qvalue

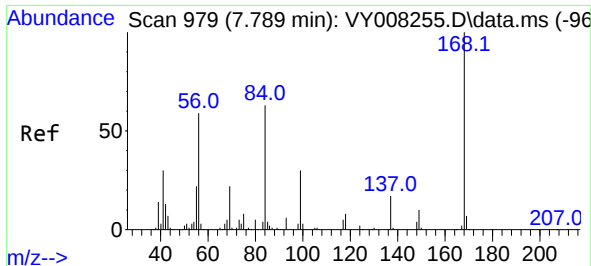
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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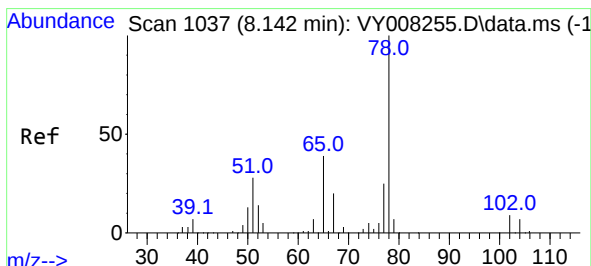
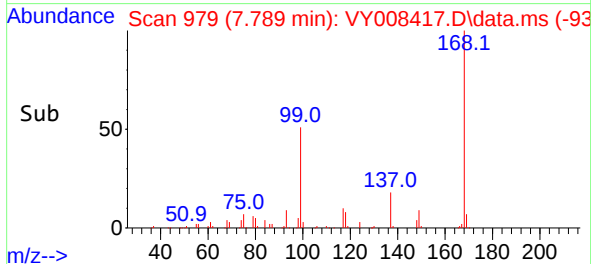
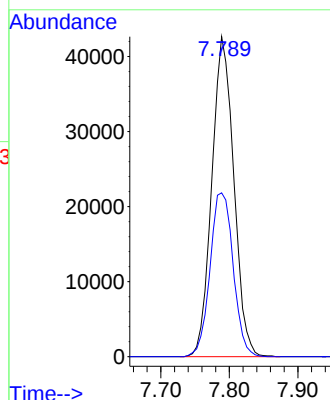
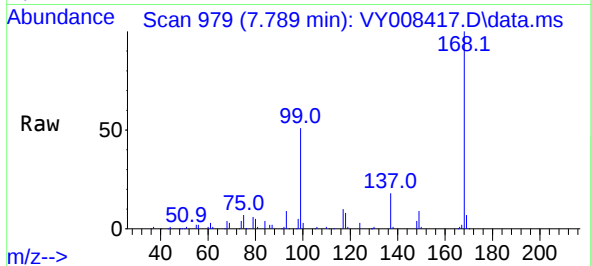




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

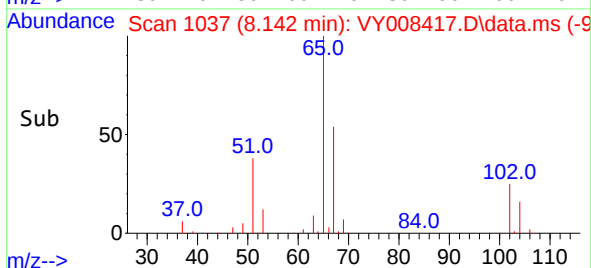
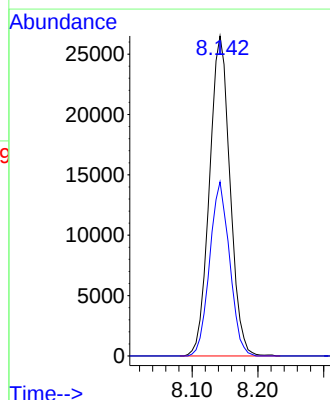
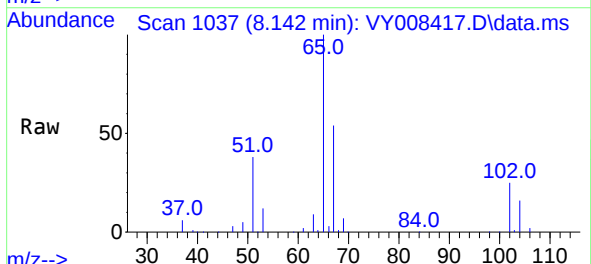
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

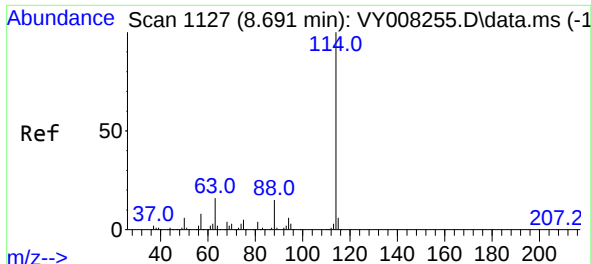
Tgt Ion:168 Resp: 94978
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.593 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 65 Resp: 57627
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4



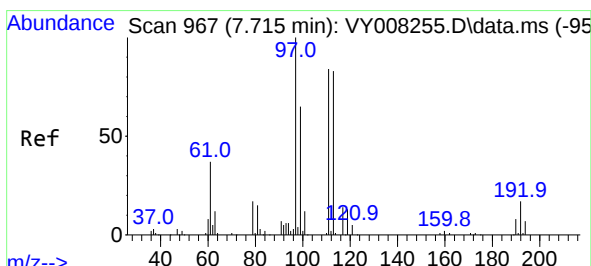
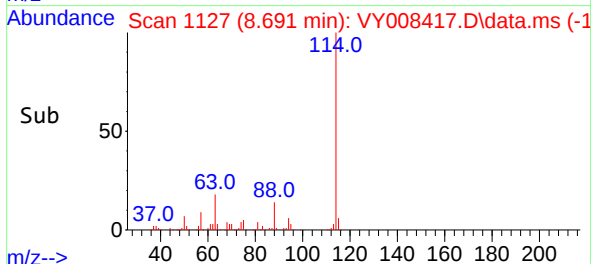
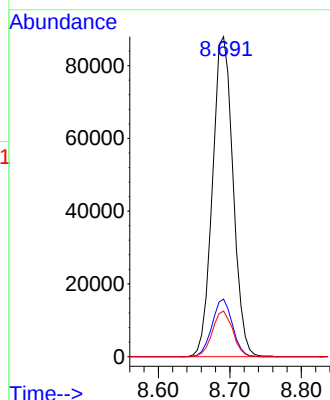
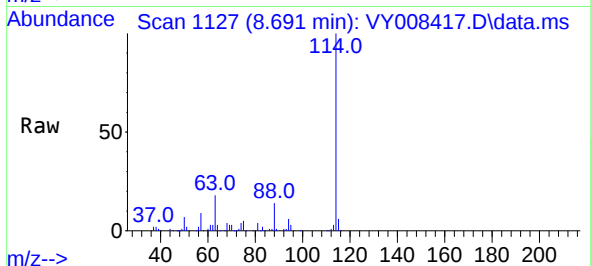


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

Tgt Ion:114 Resp: 175426

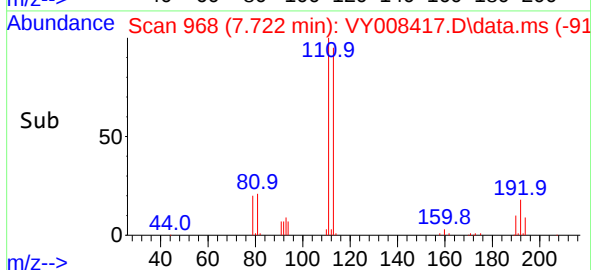
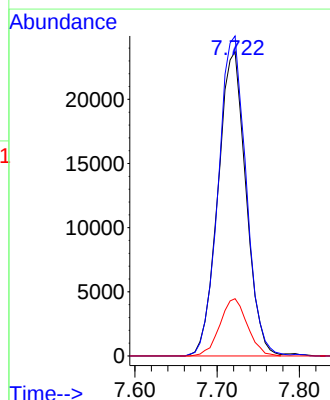
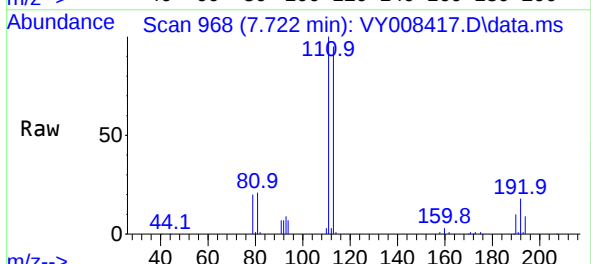
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	43.2
88	14.2	0.0	31.8

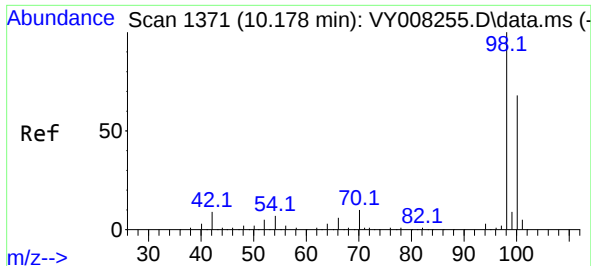


#35
Dibromofluoromethane
Concen: 55.345 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion:113 Resp: 56077

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	18.5	17.6	26.4

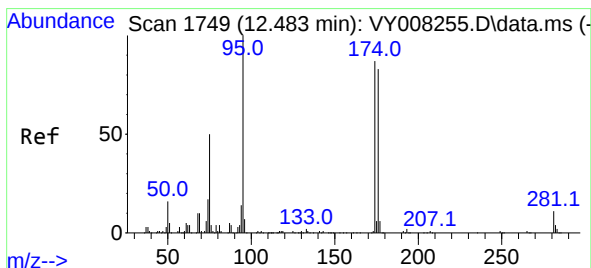
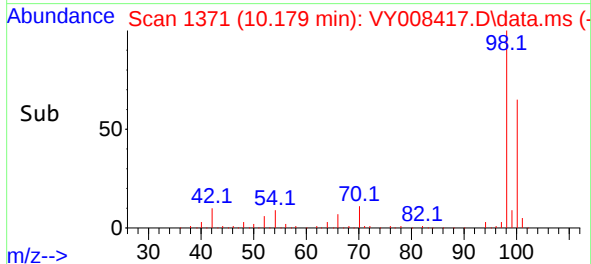
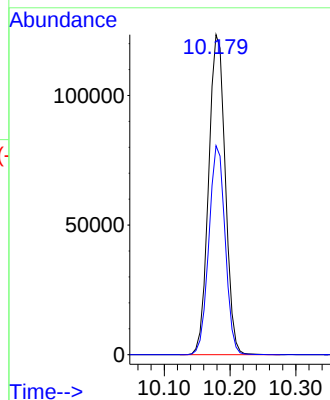
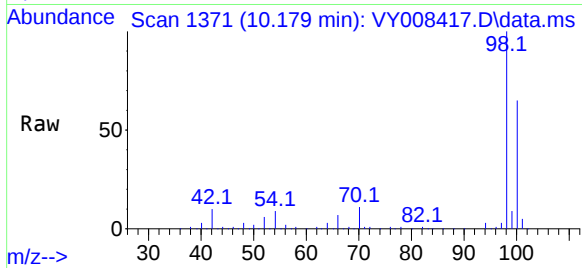




#50
Toluene-d8
Concen: 62.631 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

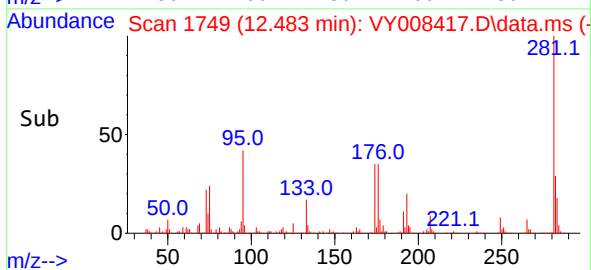
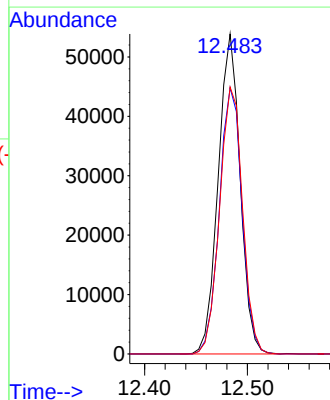
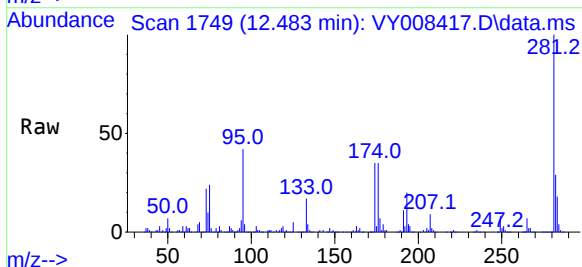
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

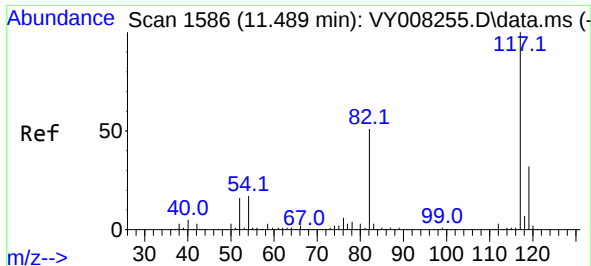
Tgt Ion: 98 Resp: 217145
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 61.291 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 95 Resp: 79926
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 86.7 0.0 175.8

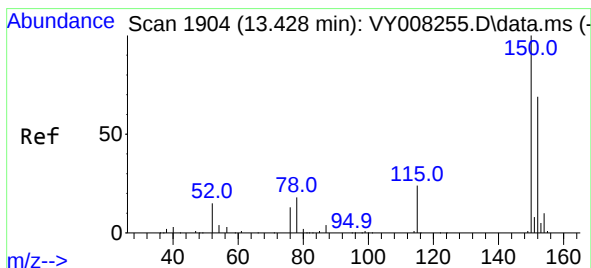
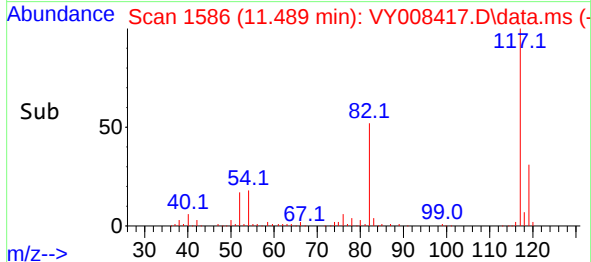
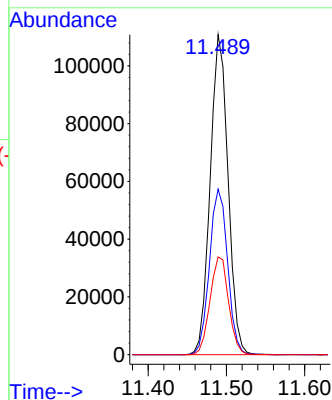
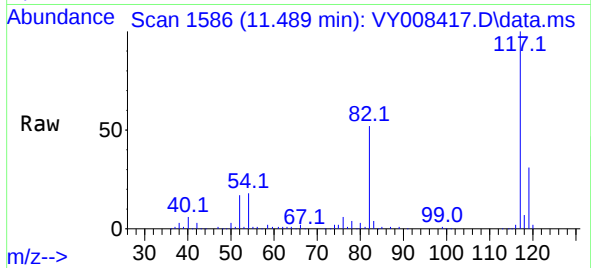




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

Tgt Ion:117 Resp: 175295
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.6 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: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion:152 Resp: 78269
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.6 0.0 347.6

