

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008048.D
 Acq On : 26 Mar 2022 16:02
 Operator : SY/MD
 Sample : N2095-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-3.0-4.0

Quant Time: Mar 28 09:29:41 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	29558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18175	61.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.580%
35) Dibromofluoromethane	7.722	113	17001	51.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.179	98	61383	49.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.483	95	19468	44.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.460%

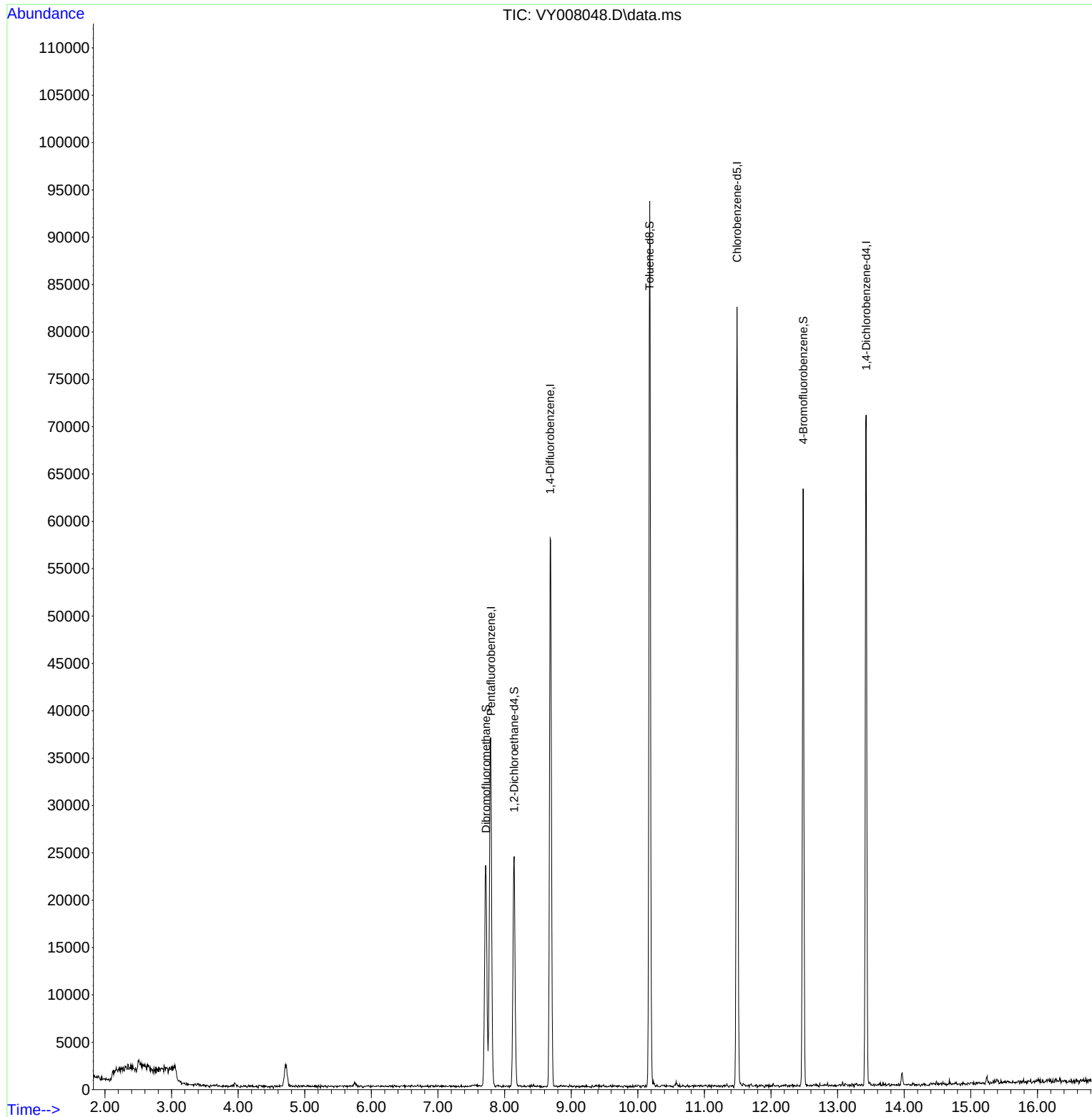
Target Compounds	Qvalue

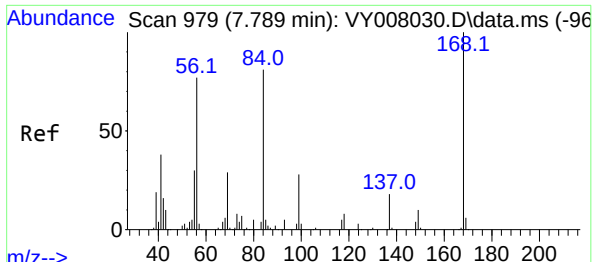
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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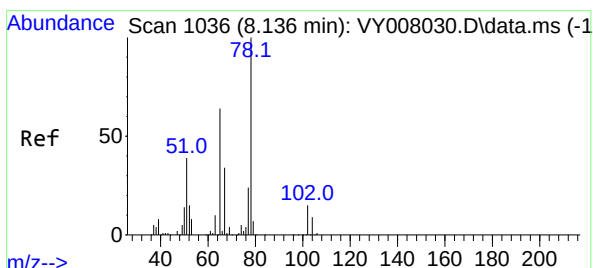
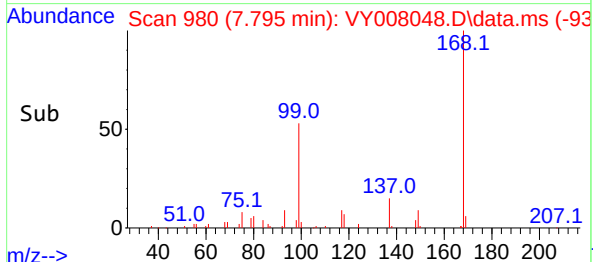
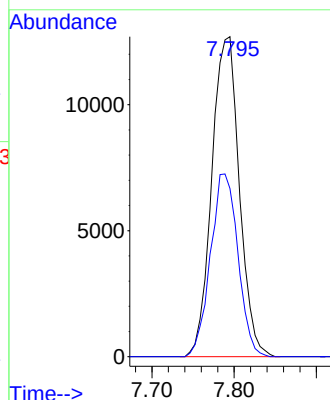
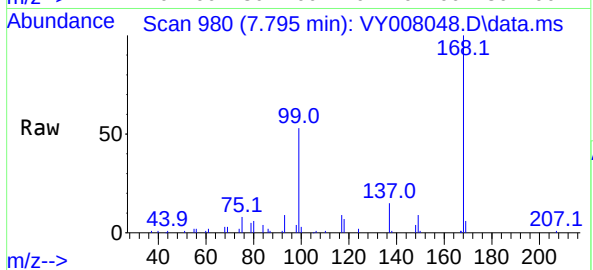




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

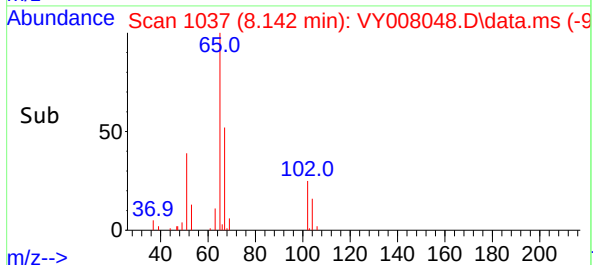
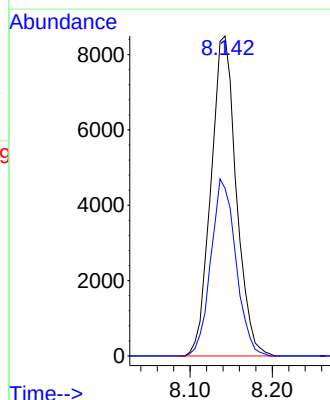
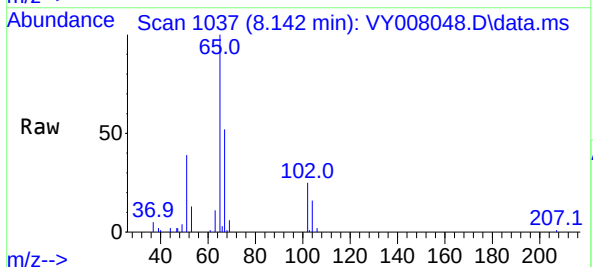
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

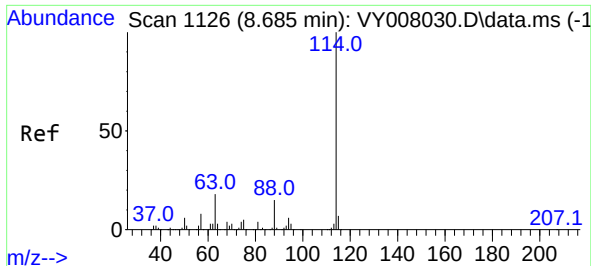
Tgt Ion:168 Resp: 29558
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.287 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 65 Resp: 18175
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4

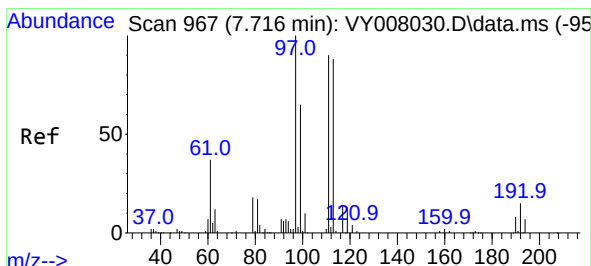
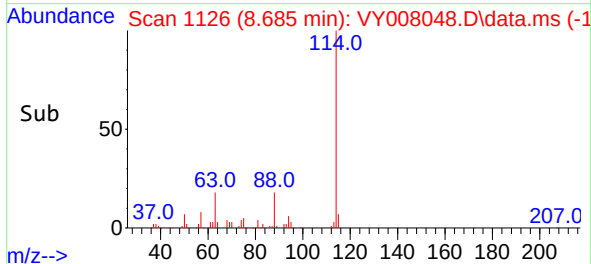
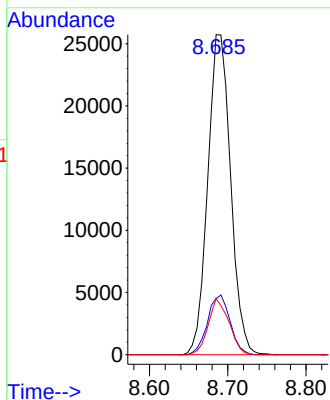
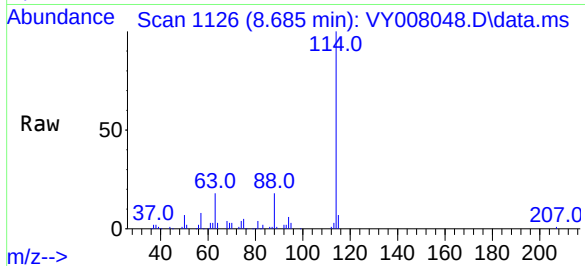




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

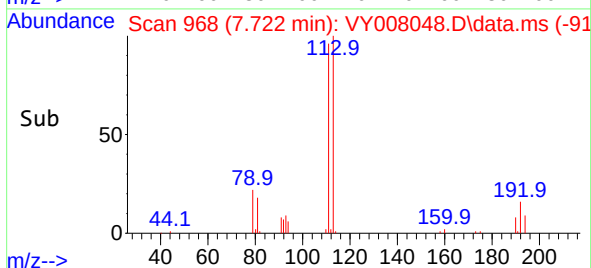
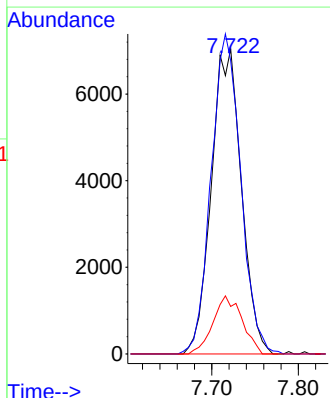
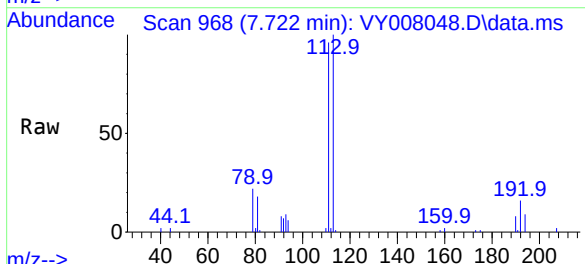
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

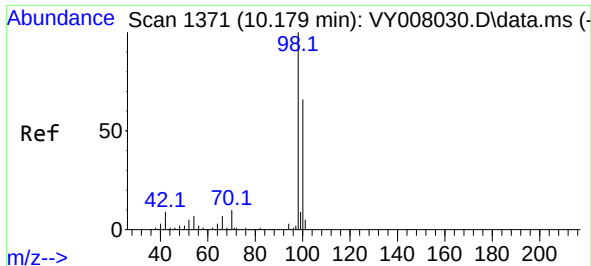
Tgt Ion:	114	Resp:	52223
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	43.2
88	17.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion:	113	Resp:	17001
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	18.4	17.6	26.4

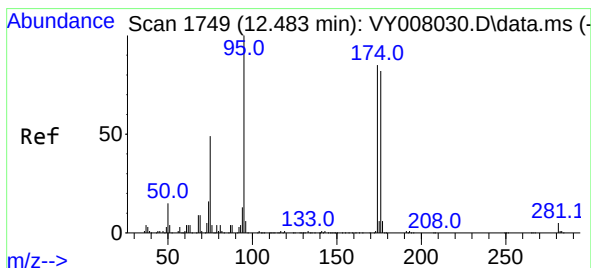
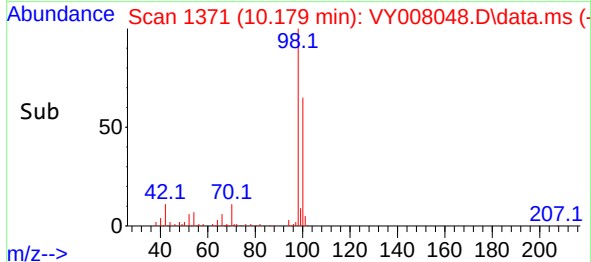
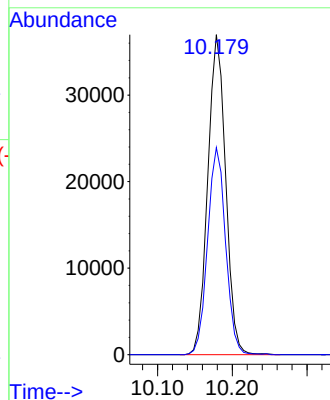
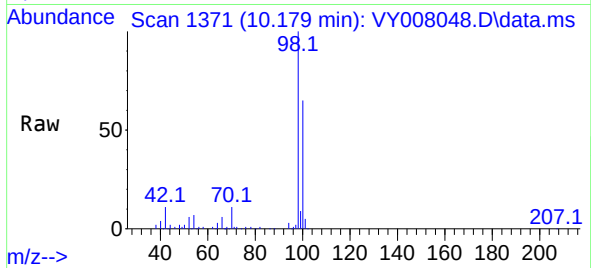




#50
Toluene-d8
Concen: 49.760 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

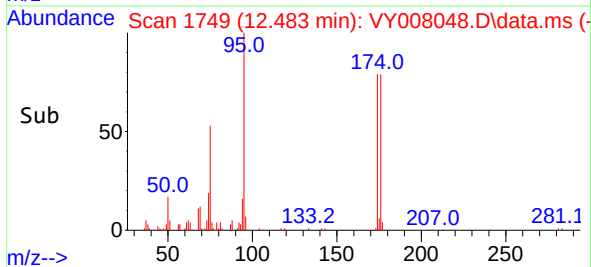
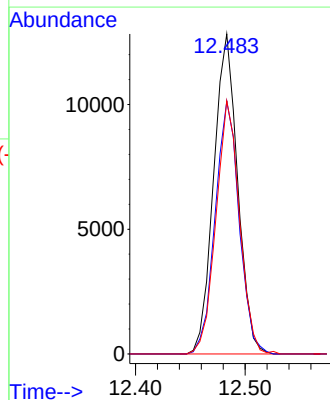
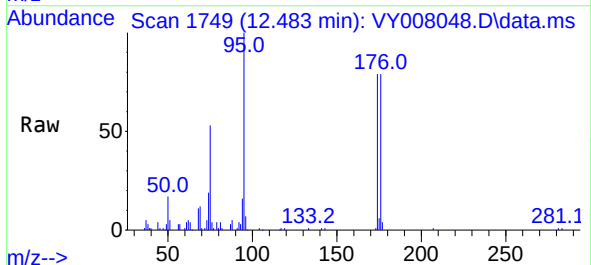
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

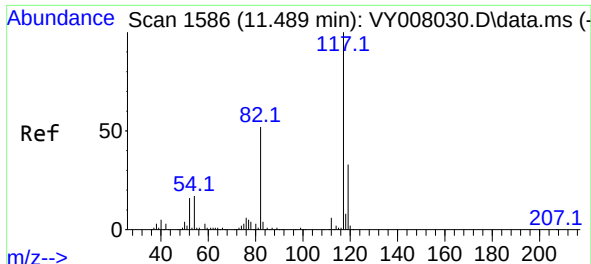
Tgt Ion: 98 Resp: 61383
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 95 Resp: 19468
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 77.6 0.0 175.8

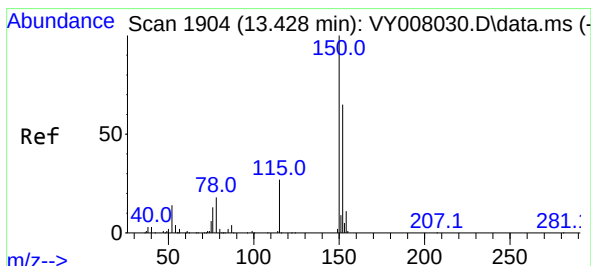
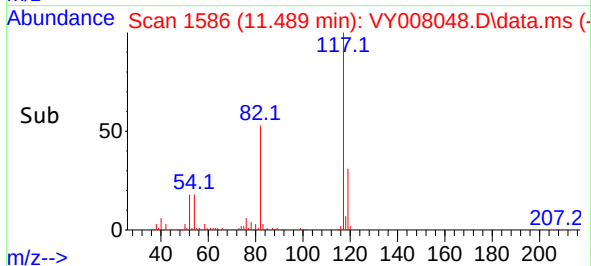
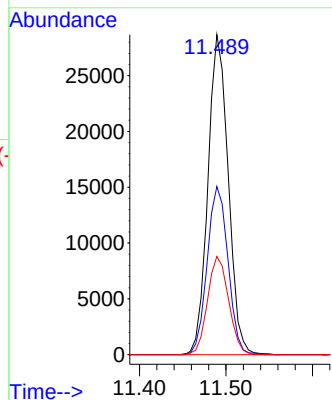
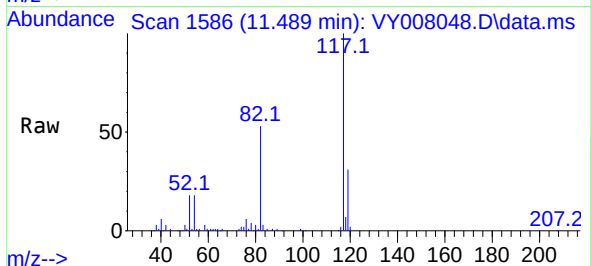




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

Tgt Ion:117 Resp: 46707
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 30.7 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: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion:152 Resp: 17810
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.7
150 161.9 0.0 347.6

