

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015127.D
 Acq On : 16 Aug 2023 01:19
 Operator : SY/MD
 Sample : 03973-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Aug 16 04:35:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	3579	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	5192	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	4724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2349	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1706	39.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.420%
35) Dibromofluoromethane	7.722	113	618	18.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.000%#
50) Toluene-d8	10.185	98	6072	48.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.489	95	2167	47.715	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.440%

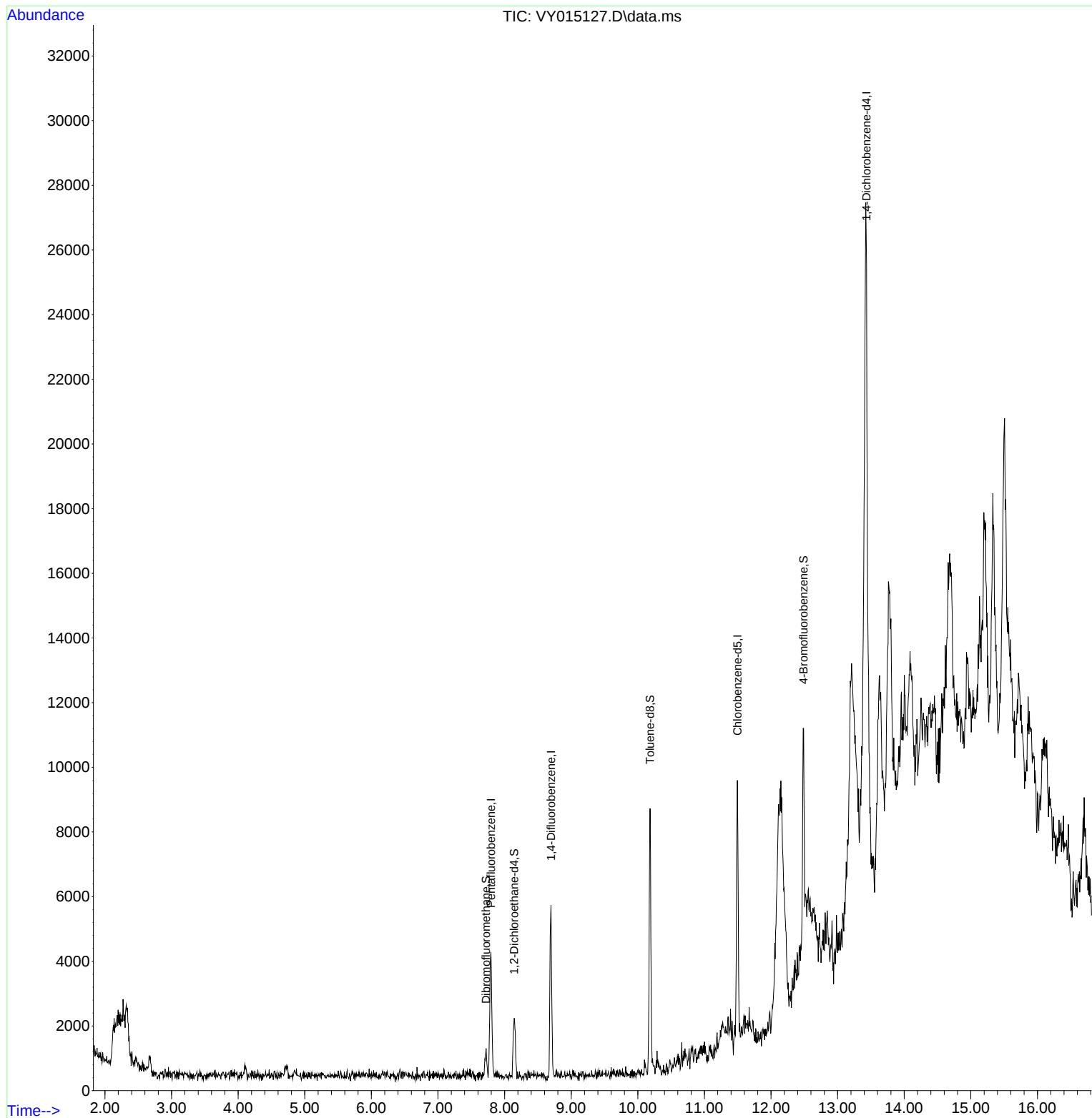
Target Compounds	Qvalue

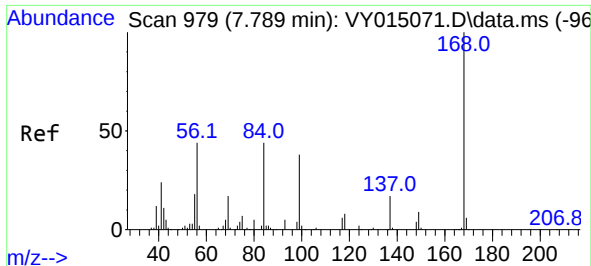
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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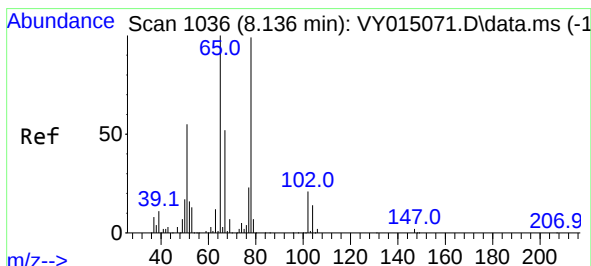
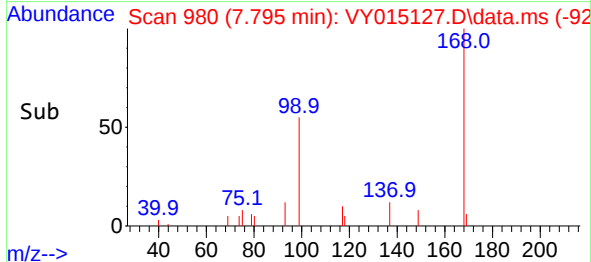
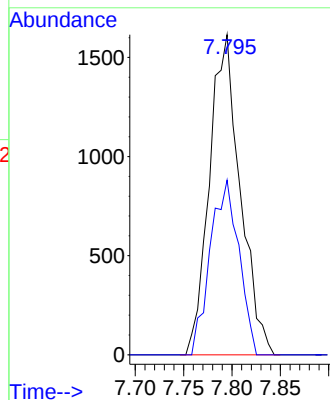
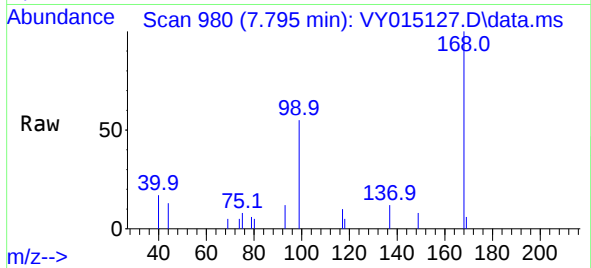




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

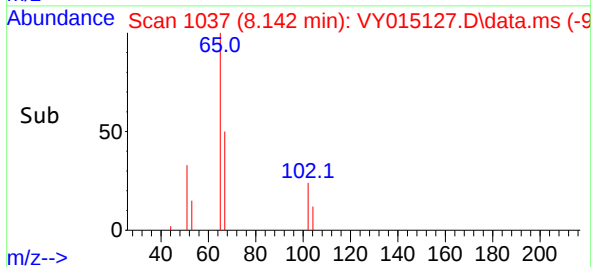
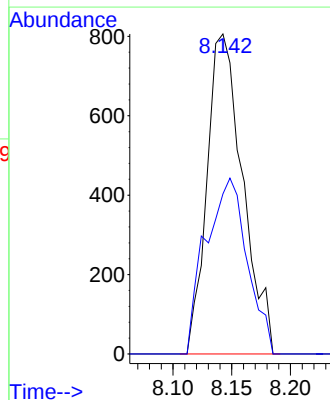
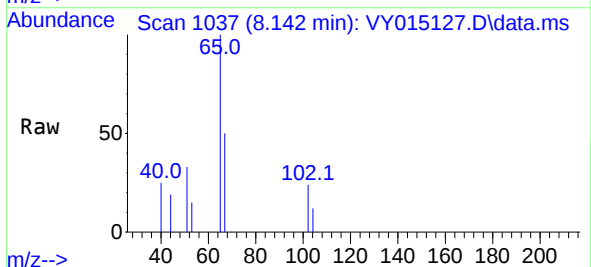
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

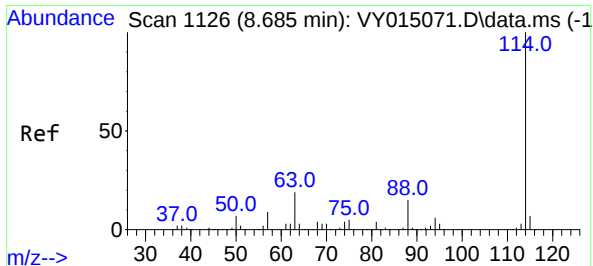
Tgt Ion:168 Resp: 3579
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 39.709 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

Tgt Ion: 65 Resp: 1706
Ion Ratio Lower Upper
65 100
67 63.9 0.0 101.8



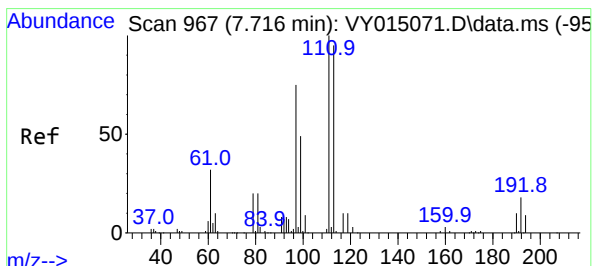
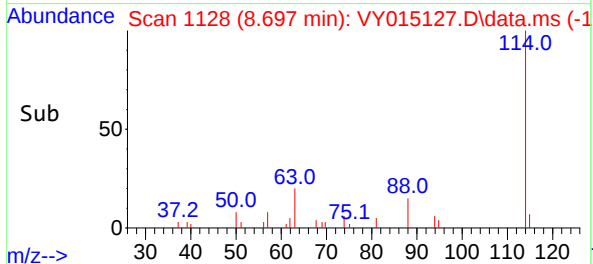
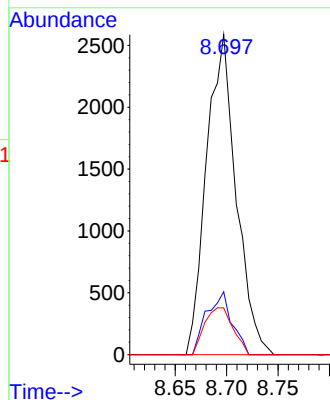
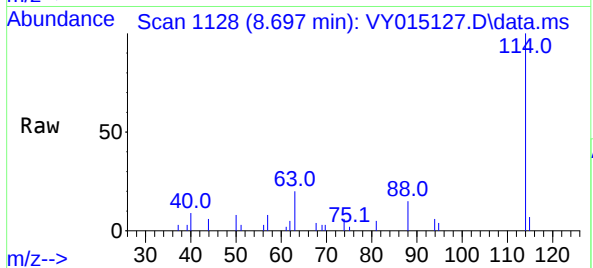


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

Tgt Ion:114 Resp: 5192

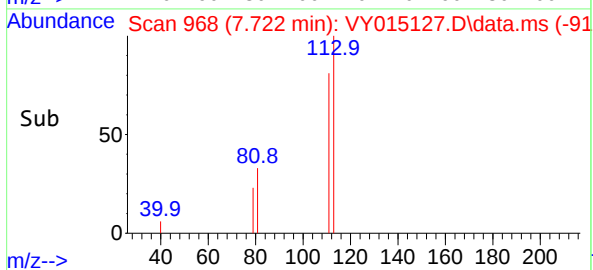
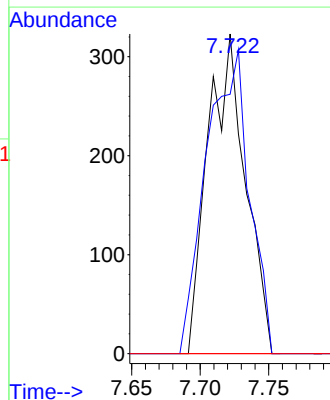
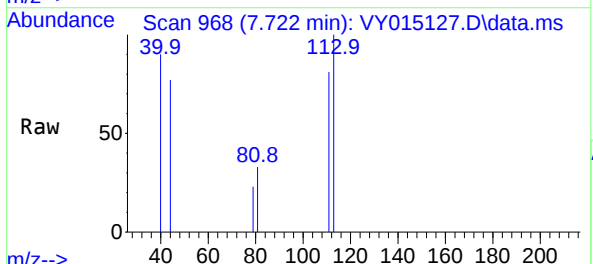
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.4
88	14.6	0.0	30.6

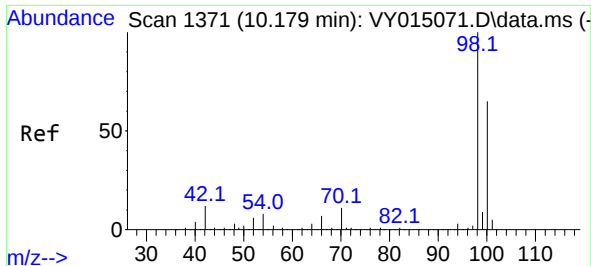


#35
Dibromofluoromethane
Concen: 18.502 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

Tgt Ion:113 Resp: 618

Ion	Ratio	Lower	Upper
113	100		
111	108.1	81.3	121.9
192	0.0	16.9	25.3

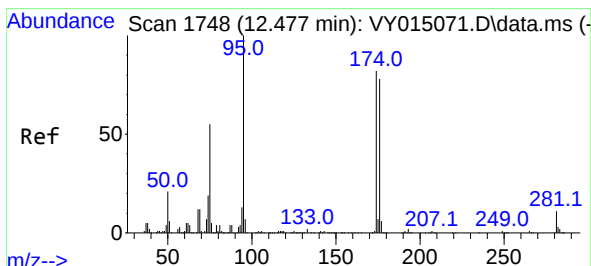
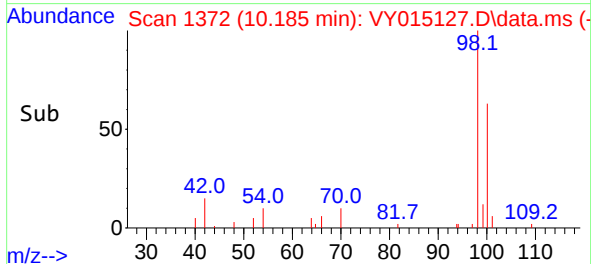
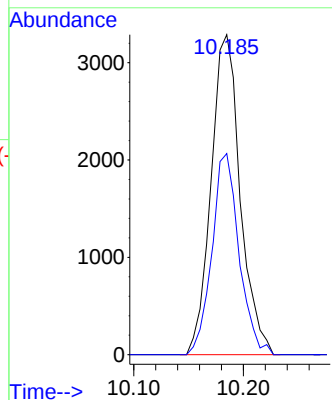
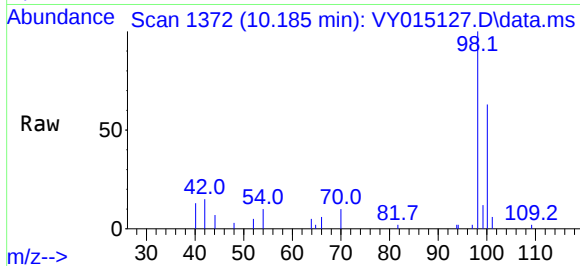




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

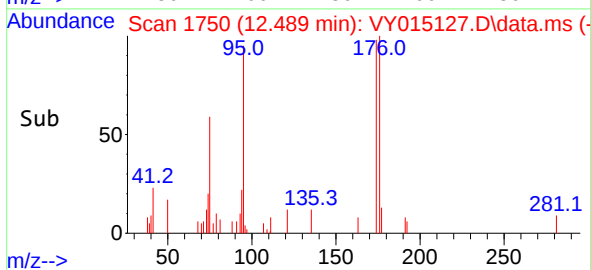
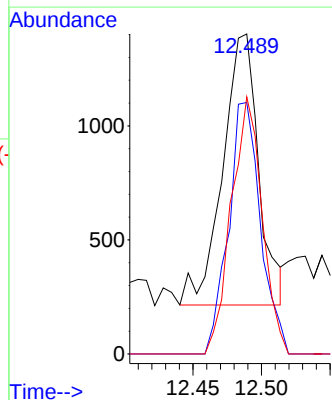
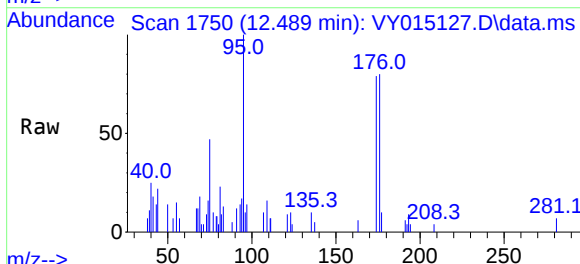
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

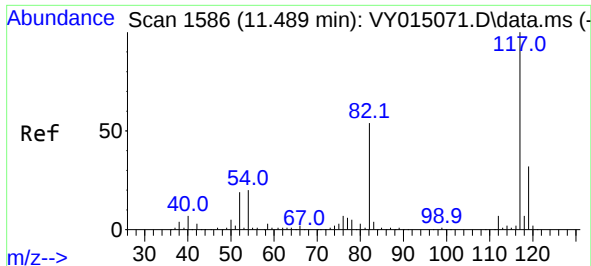
Tgt Ion: 98 Resp: 6072
Ion Ratio Lower Upper
98 100
100 58.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.715 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

Tgt Ion: 95 Resp: 2167
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 81.1 0.0 173.8

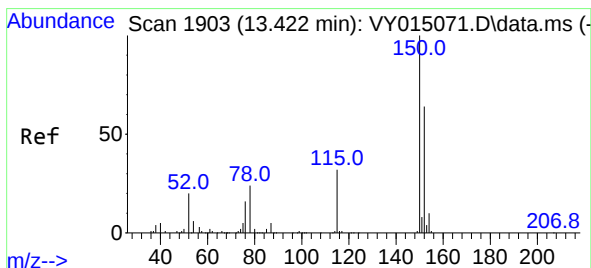
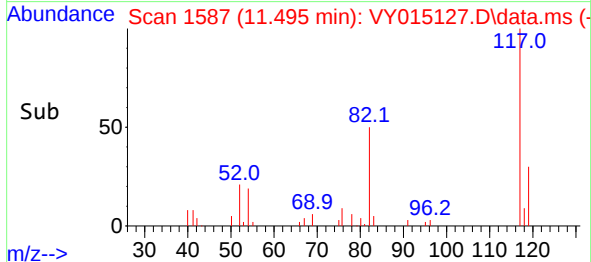
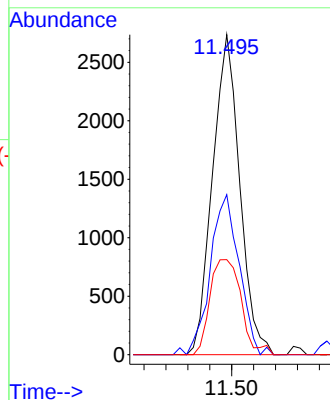
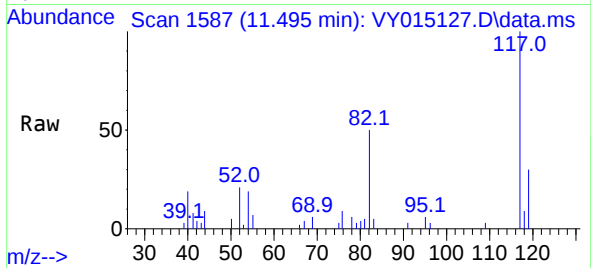




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

Tgt Ion:117 Resp: 4724
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 29.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY015127.D
Acq: 16 Aug 2023 01:19

Tgt Ion:152 Resp: 2349
Ion Ratio Lower Upper
152 100
115 66.3 28.8 86.5
150 136.2 0.0 348.8

