

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015114.D
 Acq On : 15 Aug 2023 19:27
 Operator : SY/MD
 Sample : 04017-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-081423-A

Quant Time: Aug 16 02:08:49 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	7.789	168	4569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2806	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2803	51.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.220%
35) Dibromofluoromethane	7.716	113	1217	24.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.860%#
50) Toluene-d8	10.179	98	8822	47.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.477	95	2894	42.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.460%

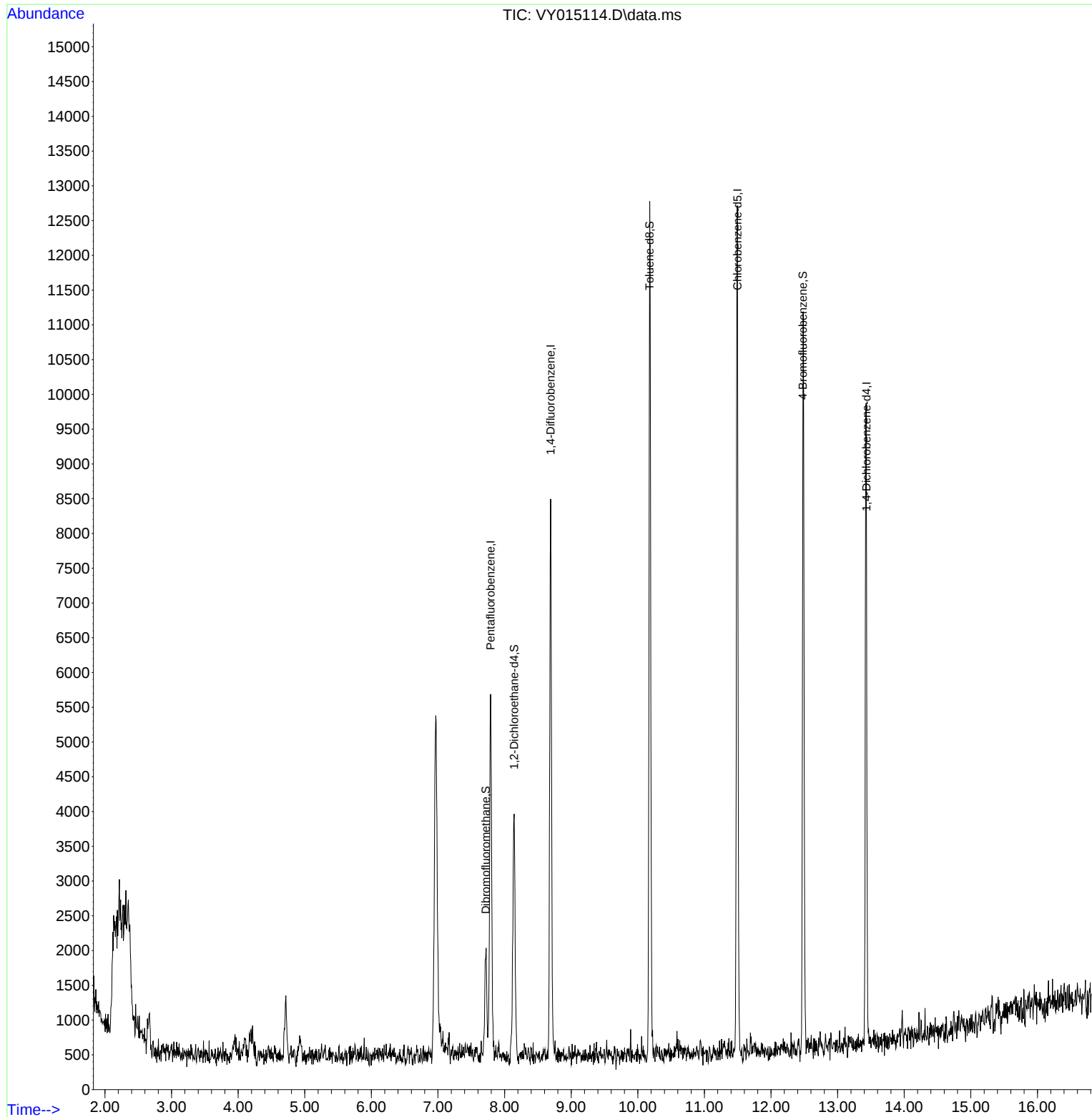
Target Compounds	Qvalue

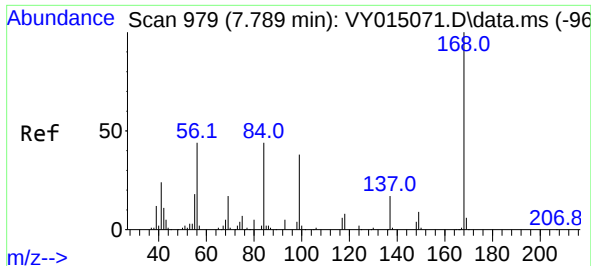
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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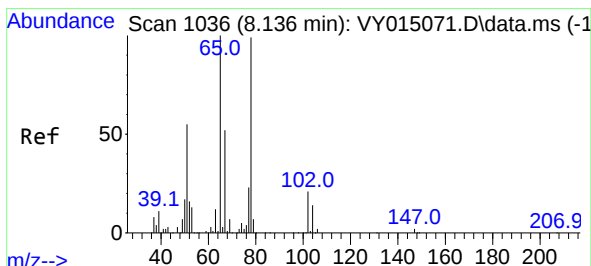
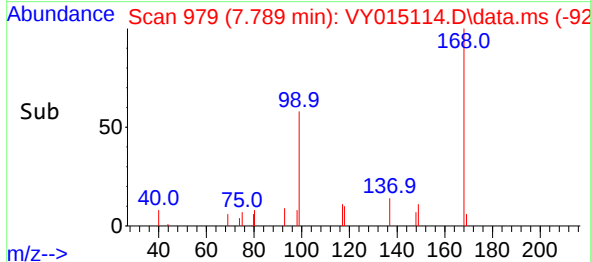
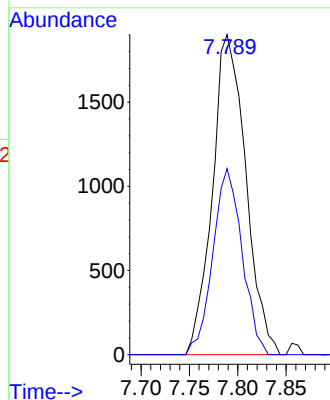
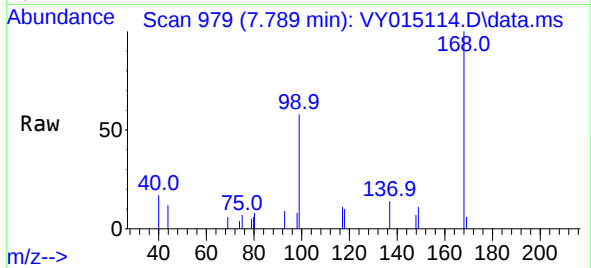




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

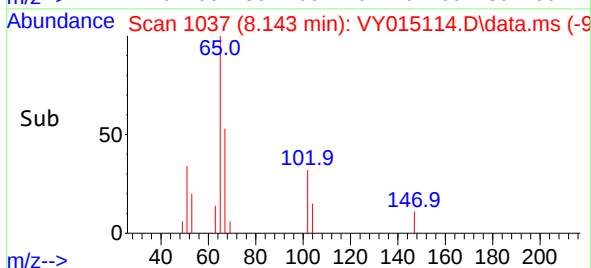
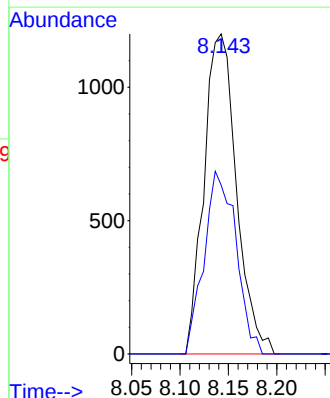
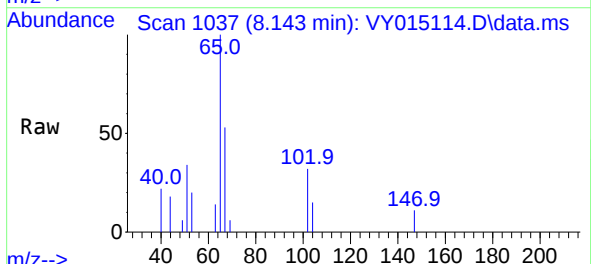
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-A

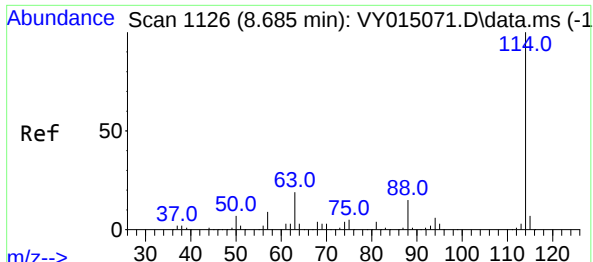
Tgt Ion:168 Resp: 4569
Ion Ratio Lower Upper
168 100
99 58.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.106 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

Tgt Ion: 65 Resp: 2803
Ion Ratio Lower Upper
65 100
67 56.1 0.0 101.8



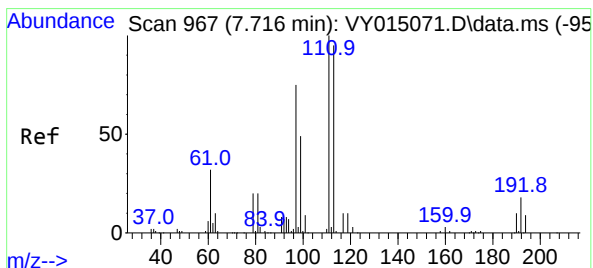
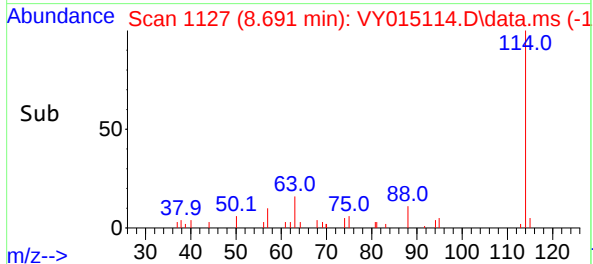
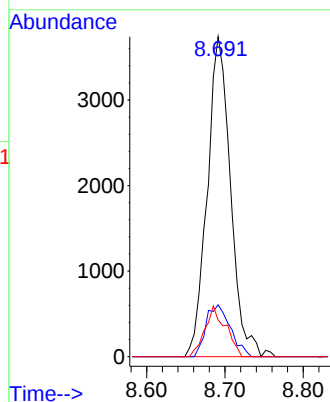
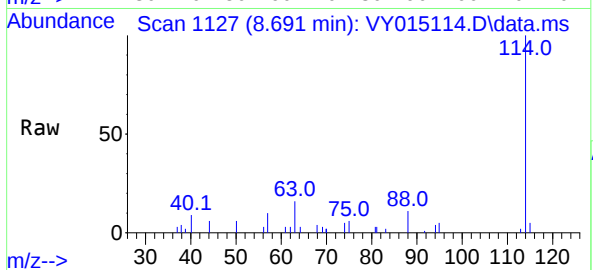


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-A

Tgt Ion:114 Resp: 7742

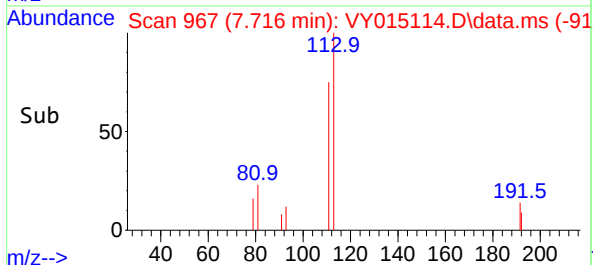
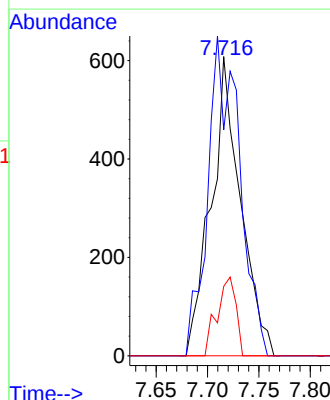
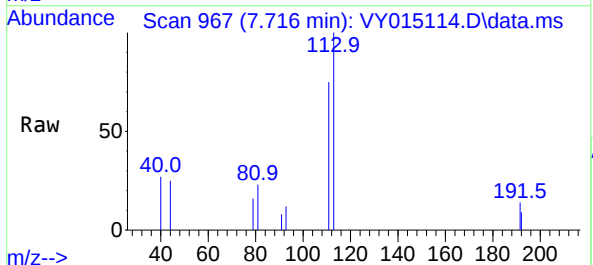
Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	42.4
88	11.4	0.0	30.6

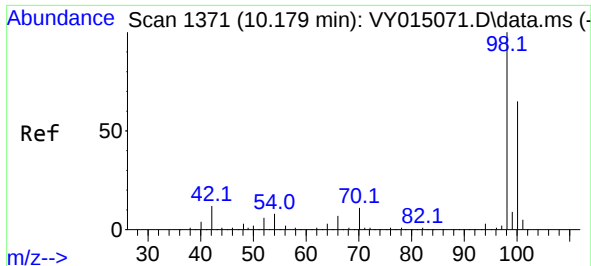


#35
Dibromofluoromethane
Concen: 24.434 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

Tgt Ion:113 Resp: 1217

Ion	Ratio	Lower	Upper
113	100		
111	114.8	81.3	121.9
192	16.7	16.9	25.3

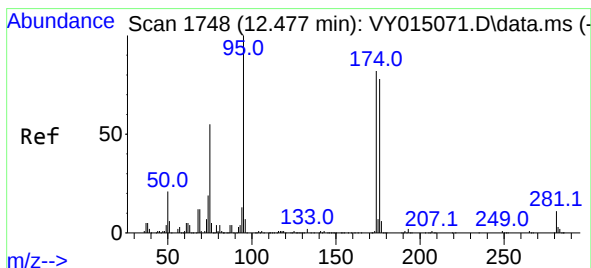
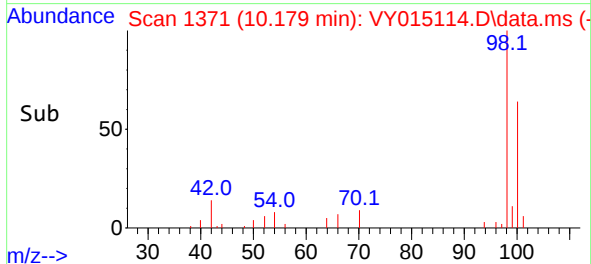
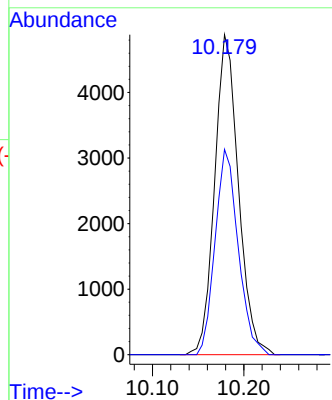
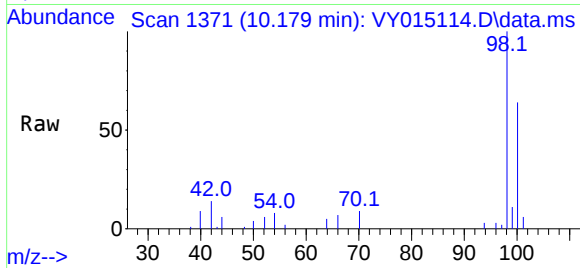




#50
Toluene-d8
Concen: 47.581 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

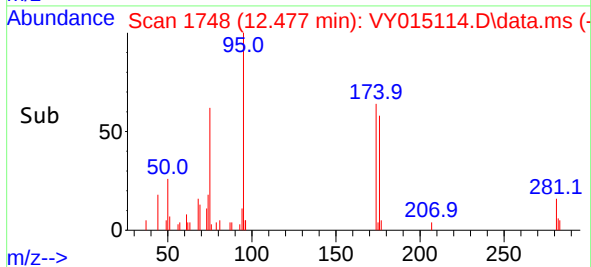
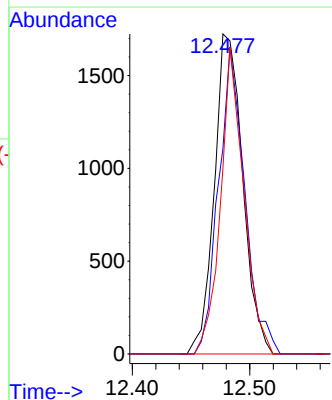
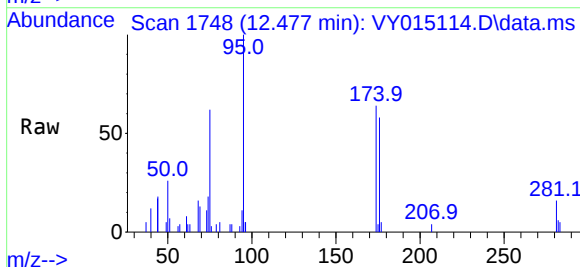
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-A

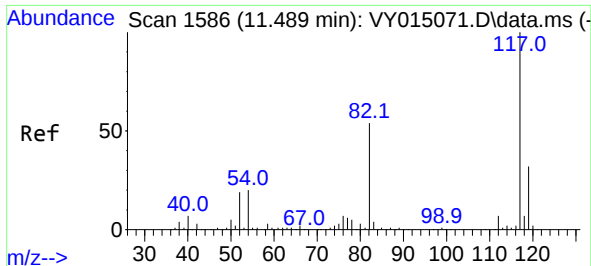
Tgt Ion: 98 Resp: 8822
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.734 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

Tgt Ion: 95 Resp: 2894
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 78.7 0.0 173.8

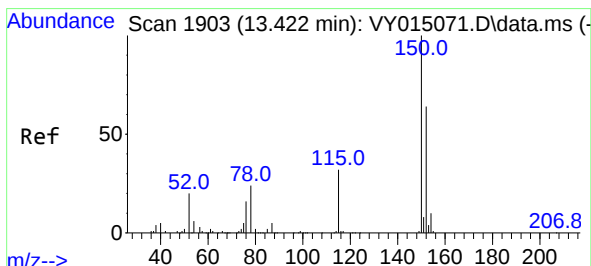
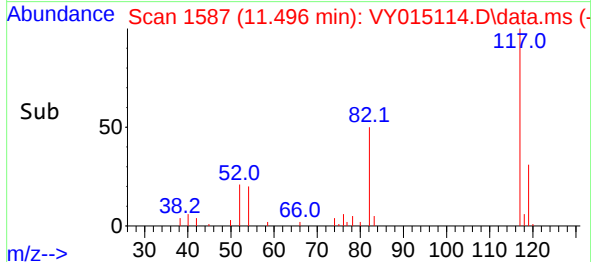
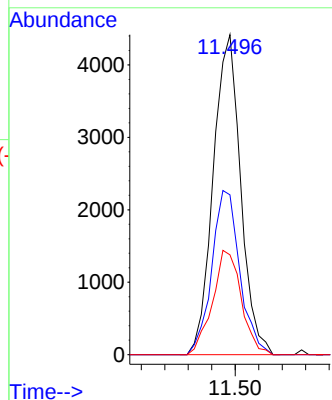
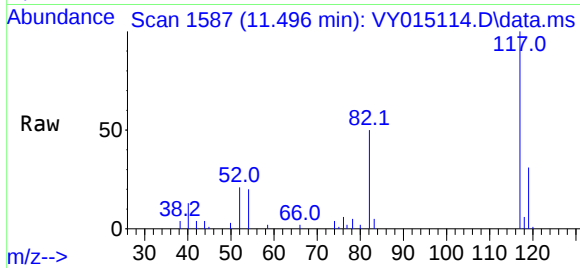




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015114.D
Acq: 15 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-A

Tgt Ion:	117	Resp:	7164
Ion	Ratio	Lower	Upper
117	100		
82	49.9	43.4	65.0
119	31.2	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: VY015114.D
Acq: 15 Aug 2023 19:27

Tgt Ion:	152	Resp:	2806
Ion	Ratio	Lower	Upper
152	100		
115	52.9	28.8	86.5
150	148.4	0.0	348.8

