

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014854.D
 Acq On : 26 Jul 2023 17:04
 Operator : SY/MD
 Sample : 03741-19
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29B

Quant Time: Jul 26 17:21:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	4425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4100	81.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.620%
35) Dibromofluoromethane	7.716	113	1961	32.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.860%
50) Toluene-d8	10.179	98	10920	49.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.477	95	3832	45.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.020%

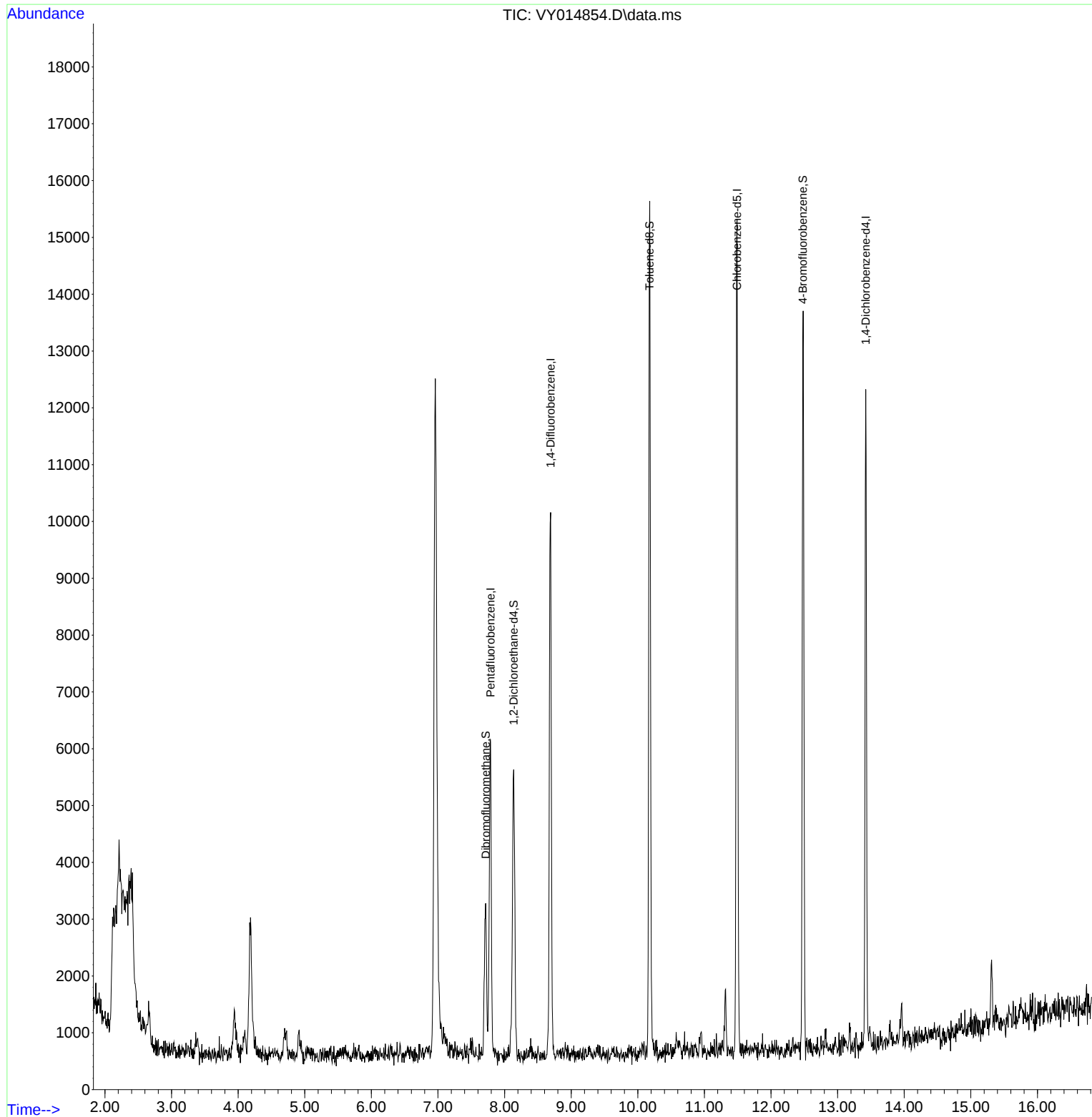
Target Compounds	Qvalue

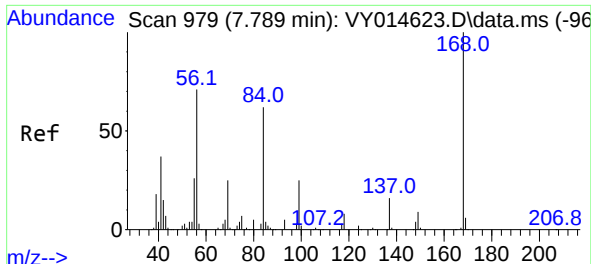
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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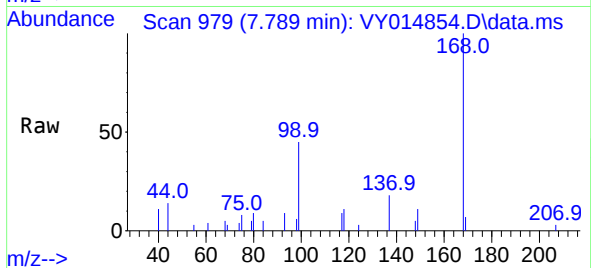
Quant Time: Jul 26 17:21:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
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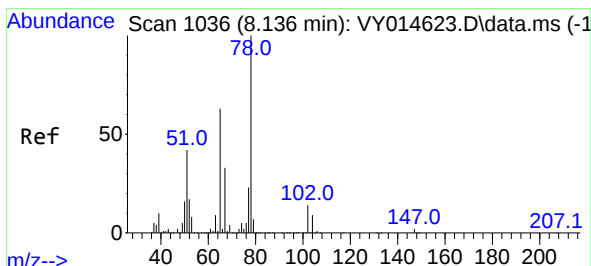
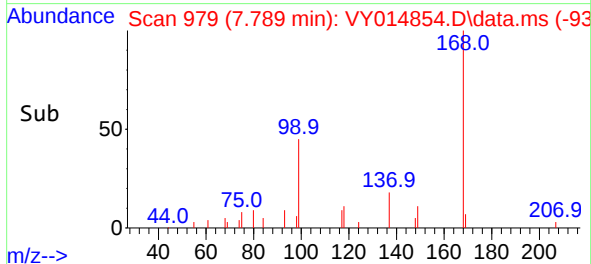
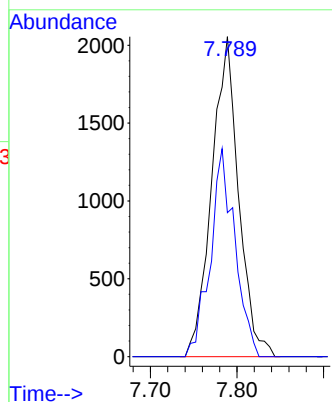


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

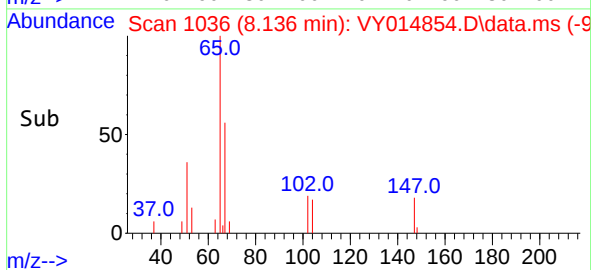
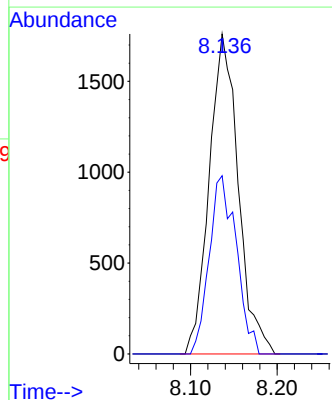
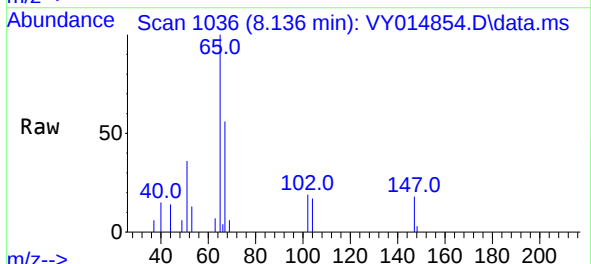


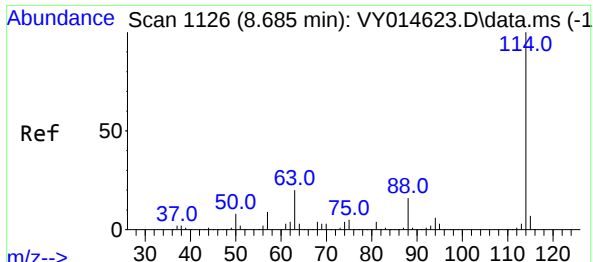
Tgt Ion:168 Resp: 4425
Ion Ratio Lower Upper
168 100
99 45.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 81.310 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

Tgt Ion: 65 Resp: 4100
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

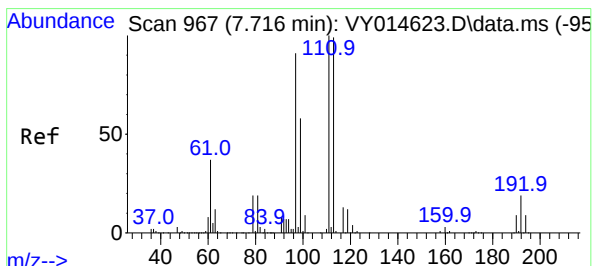
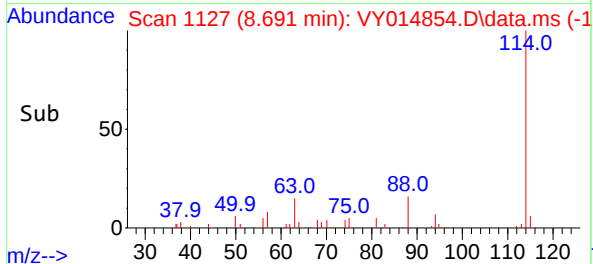
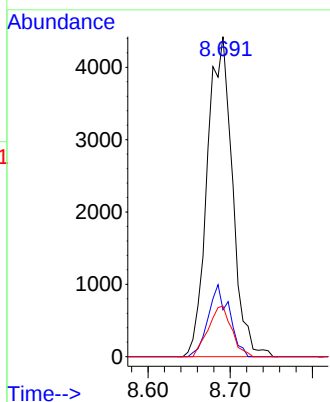
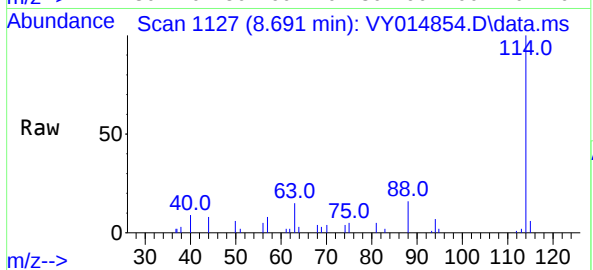




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

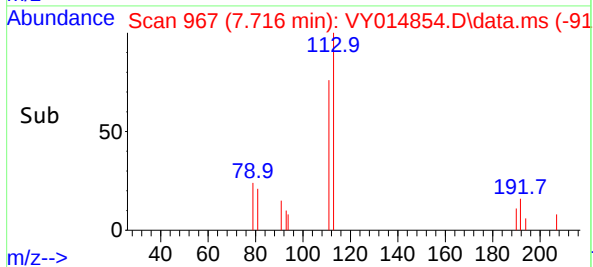
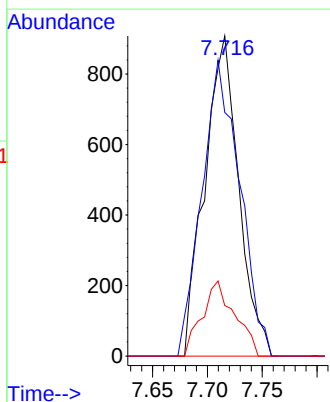
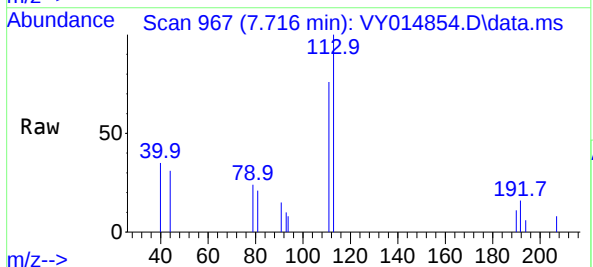
Instrument :
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ClientSampleId :
B-P29B

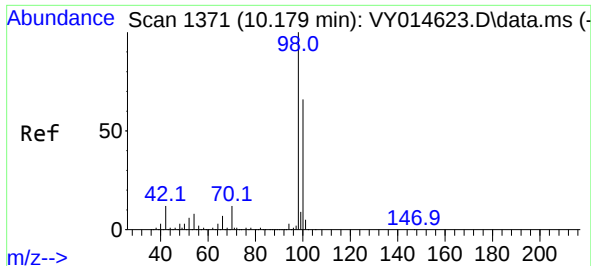
Tgt Ion:114	Resp:	9356
Ion Ratio	Lower	Upper
114	100	
63	14.7	0.0 42.4
88	15.8	0.0 30.6



#35
Dibromofluoromethane
Concen: 32.926 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

Tgt Ion:113	Resp:	1961
Ion Ratio	Lower	Upper
113	100	
111	102.4	81.3 121.9
192	22.5	16.9 25.3

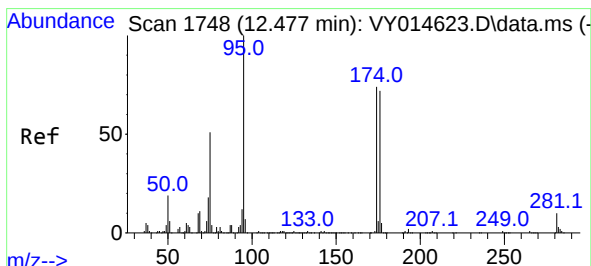
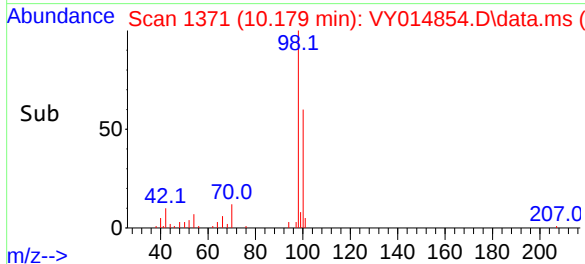
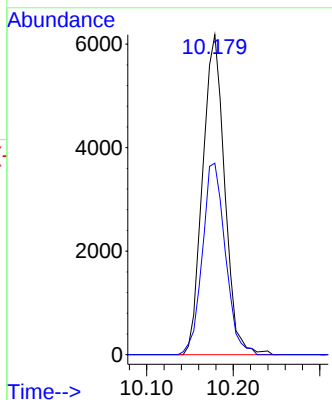
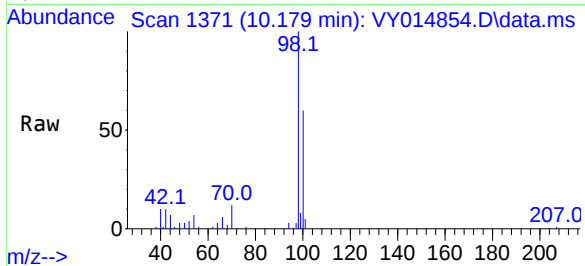




#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

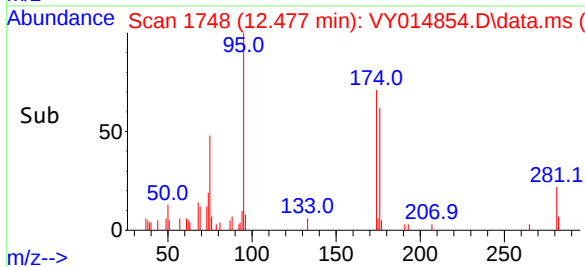
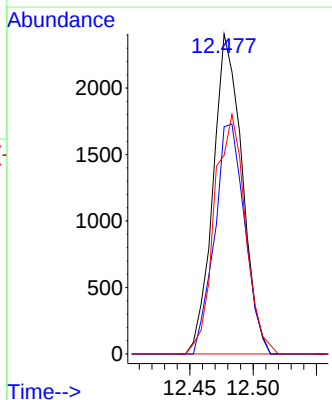
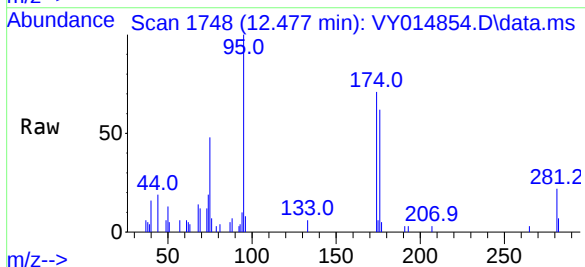
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

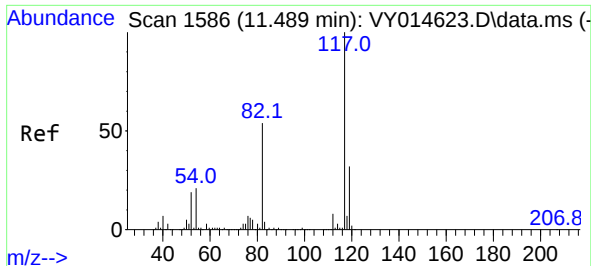
Tgt Ion: 98 Resp: 10920
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.514 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

Tgt Ion: 95 Resp: 3832
Ion Ratio Lower Upper
95 100
174 75.1 0.0 178.2
176 79.7 0.0 173.8

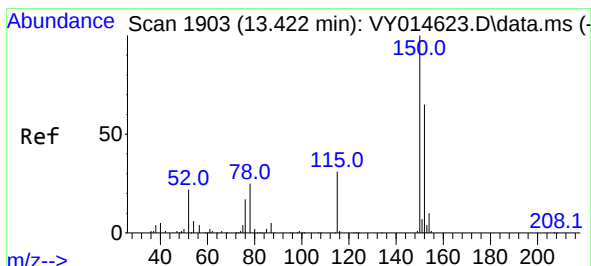
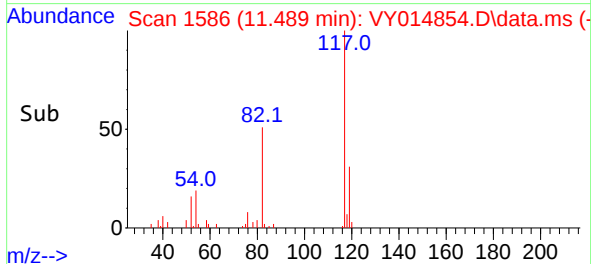
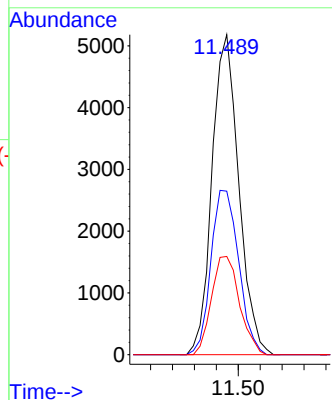
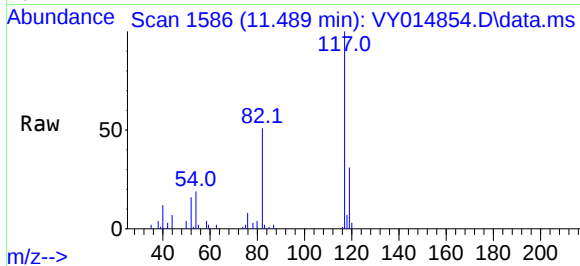




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

Tgt Ion:	117	Resp:	8781
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	30.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014854.D
Acq: 26 Jul 2023 17:04

Tgt Ion:	152	Resp:	2991
Ion	Ratio	Lower	Upper
152	100		
115	64.4	28.8	86.5
150	166.7	0.0	348.8

