

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014040.D
 Acq On : 06 Jun 2023 18:56
 Operator : KP/MD
 Sample : 03044-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5-7.0

Quant Time: Jun 07 01:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1946	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	3805	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.489	117	4167	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2432	94.408	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.820%#	
35) Dibromofluoromethane	7.710	113	1209	49.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.000%	
50) Toluene-d8	10.179	98	4739	51.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.489	95	1188	37.780	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.560%	

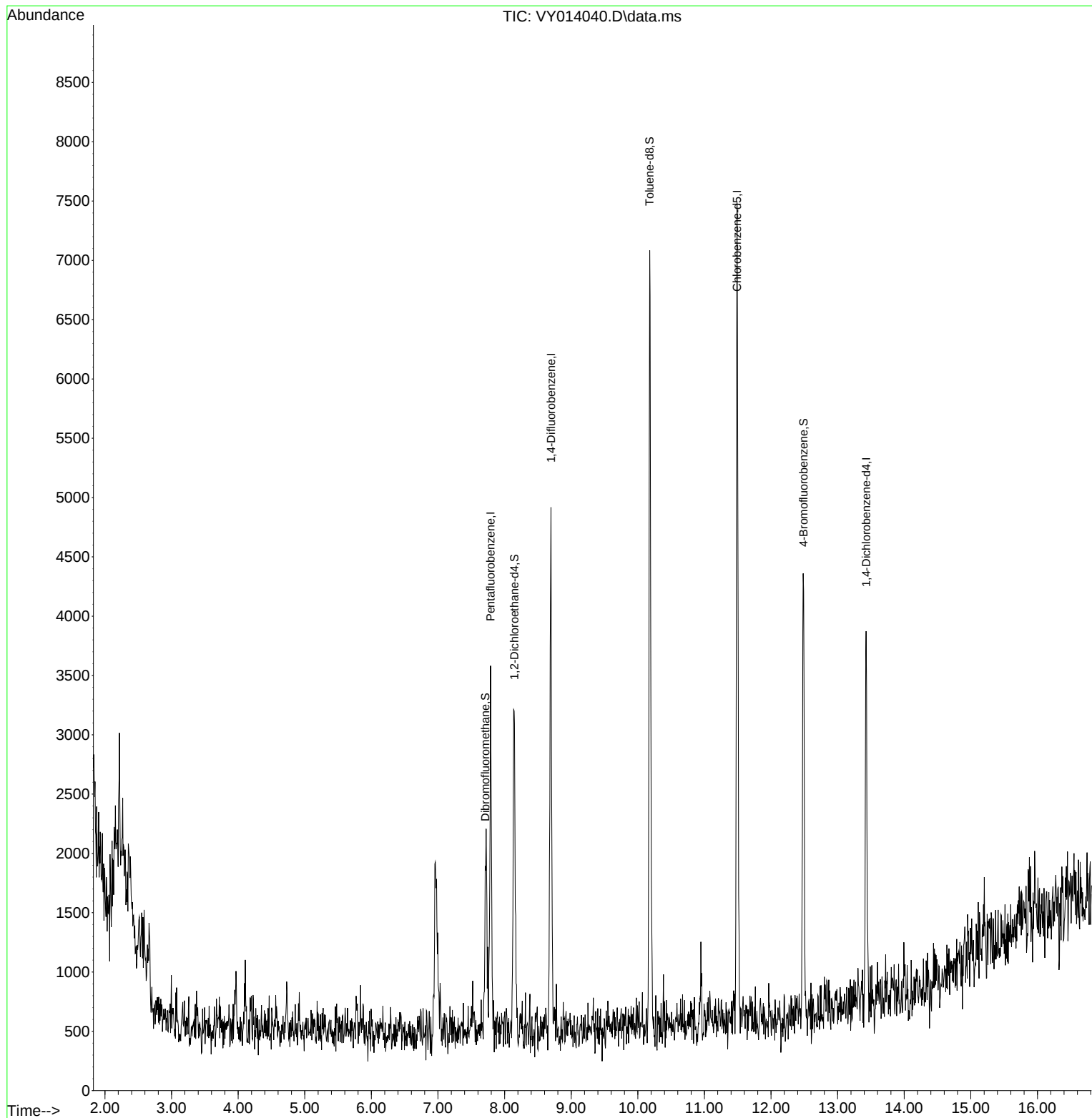
Target Compounds	Qvalue

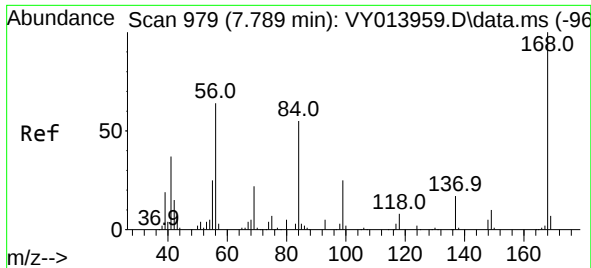
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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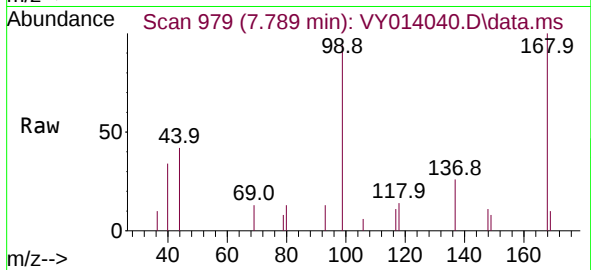
Quant Time: Jun 07 01:42:01 2023
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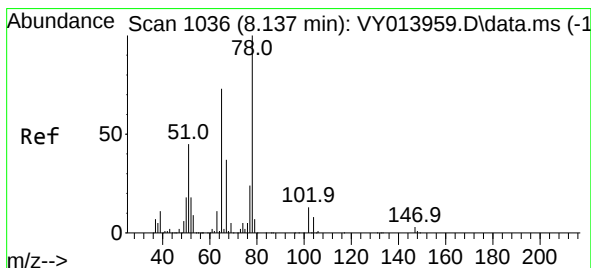
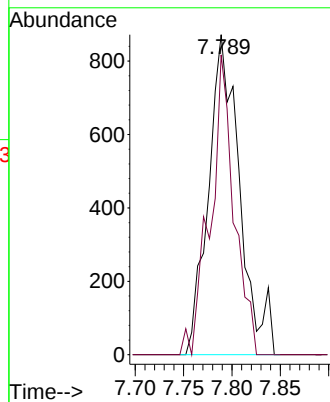
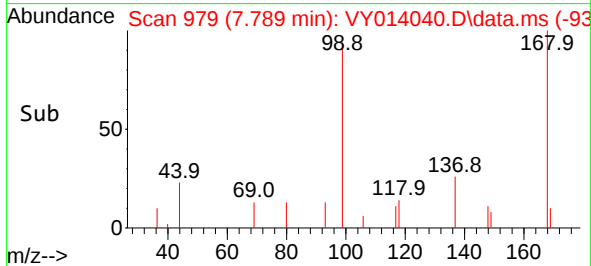


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

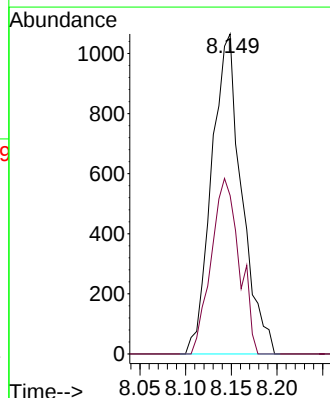
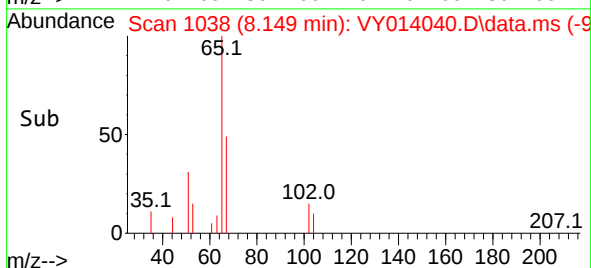
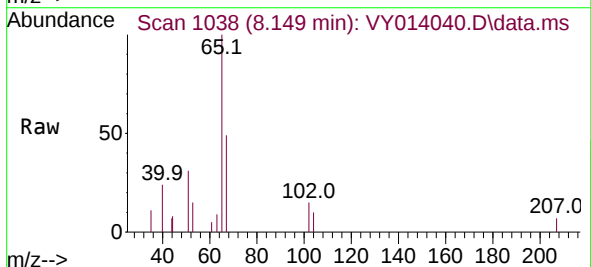


Tgt Ion:168 Resp: 1946
Ion Ratio Lower Upper
168 100
99 93.7 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 94.408 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion: 65 Resp: 2432
Ion Ratio Lower Upper
65 100
67 51.4 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: VY014040.D

Acq: 06 Jun 2023 18:56

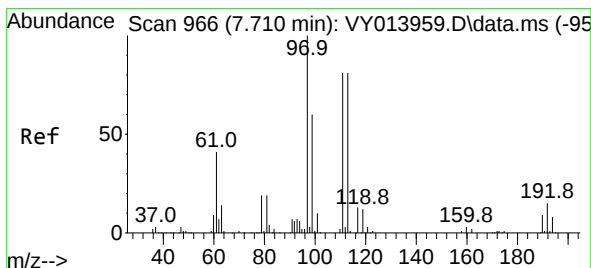
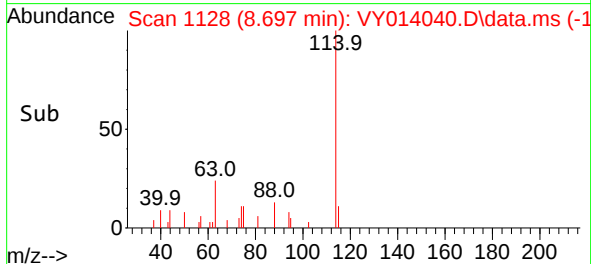
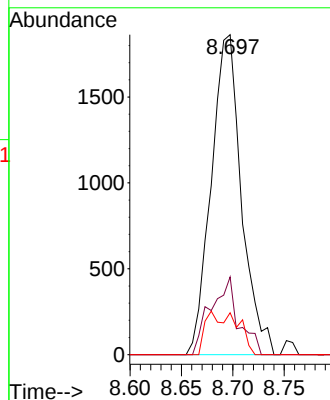
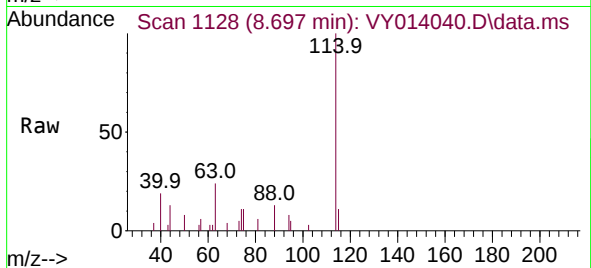
Instrument :

MSVOA_Y

ClientSampleId :

SB-02-5-7.0

Tgt Ion:114	Resp:	3805
Ion	Ratio	Lower Upper
114	100	
63	24.3	0.0 42.4
88	13.1	0.0 30.6



#35

Dibromofluoromethane

Concen: 49.998 ug/l

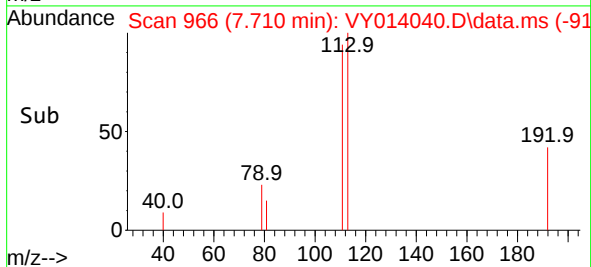
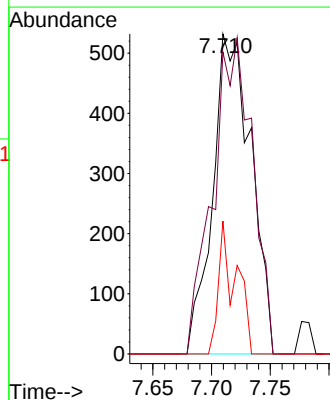
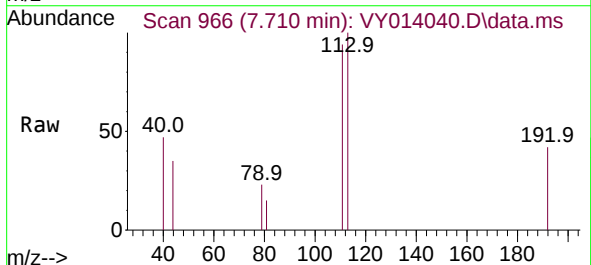
RT: 7.710 min Scan# 966

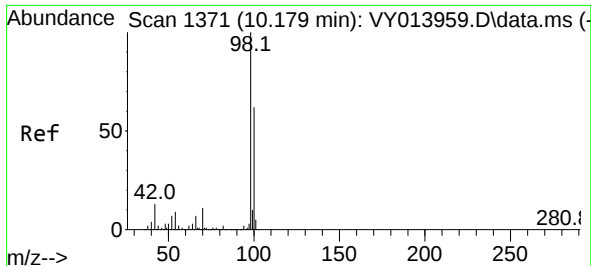
Delta R.T. -0.000 min

Lab File: VY014040.D

Acq: 06 Jun 2023 18:56

Tgt Ion:113	Resp:	1209
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.3 121.9
192	18.9	16.9 25.3

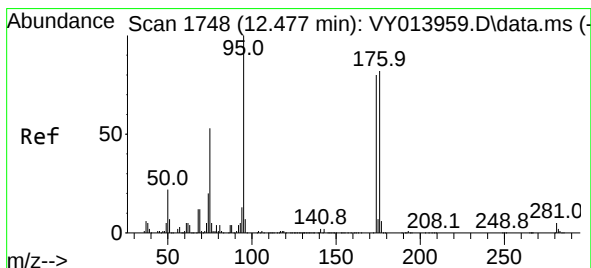
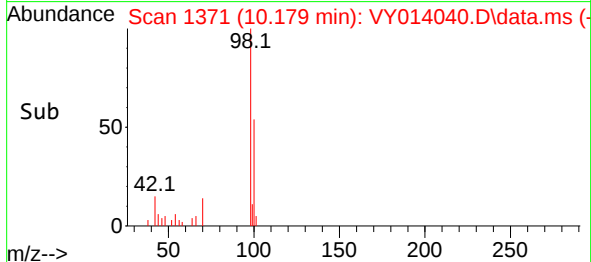
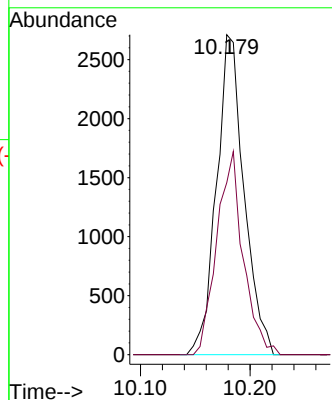
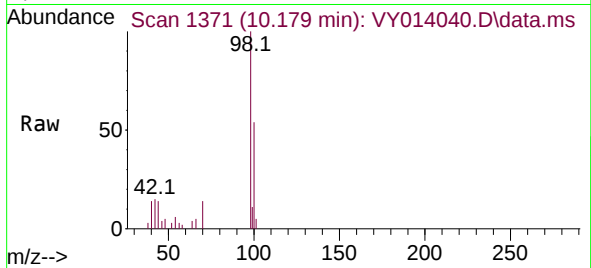




#50
Toluene-d8
Concen: 51.378 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

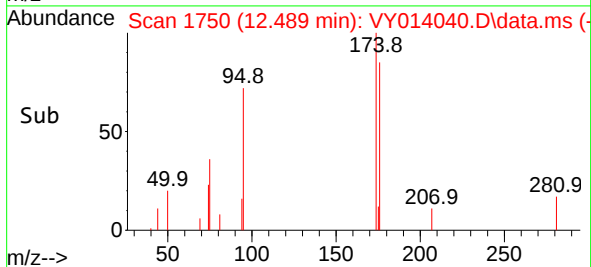
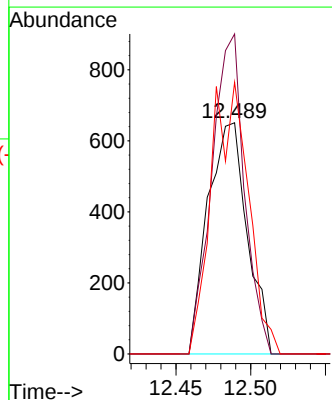
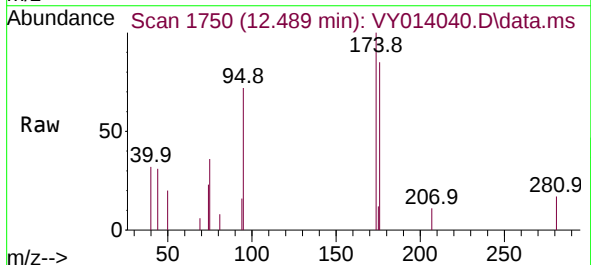
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

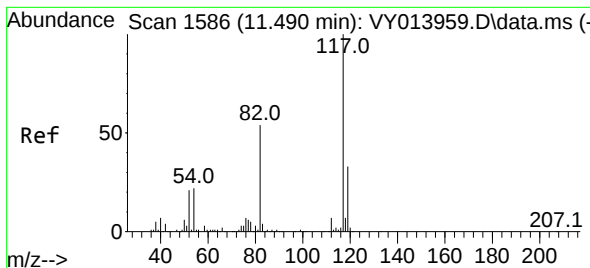
Tgt Ion: 98 Resp: 4739
Ion Ratio Lower Upper
98 100
100 60.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.780 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion: 95 Resp: 1188
Ion Ratio Lower Upper
95 100
174 115.4 0.0 178.2
176 111.1 0.0 173.8

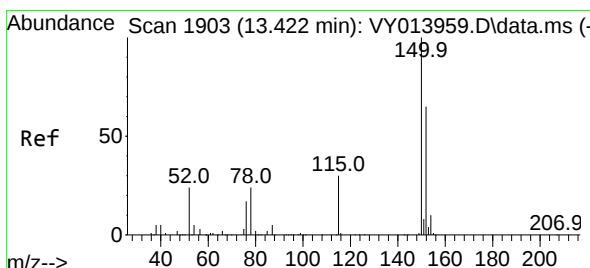
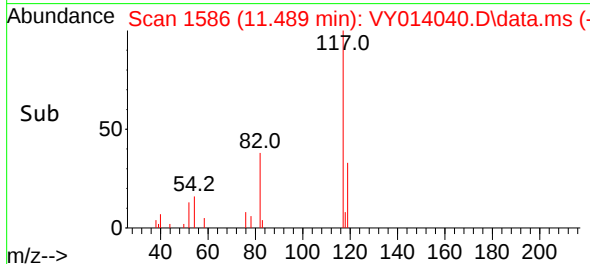
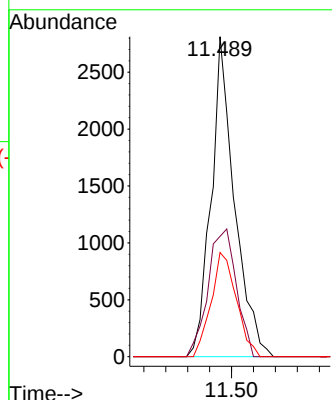
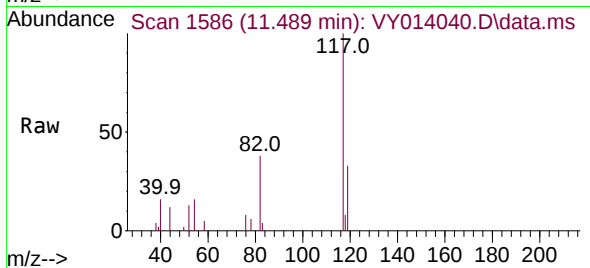




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

Tgt Ion	Ratio	Lower	Upper
117	100		
82	37.6	43.4	65.0#
119	32.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014040.D
Acq: 06 Jun 2023 18:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.8	86.5
150	148.8	0.0	348.8

