

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014235.D
 Acq On : 19 Jun 2023 18:08
 Operator : KP/MD
 Sample : 03295-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 20 04:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2282	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3684	115.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	231.860%#
35) Dibromofluoromethane	7.716	113	1386	43.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.220%
50) Toluene-d8	10.179	98	5706	47.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.477	95	2253	52.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.540%

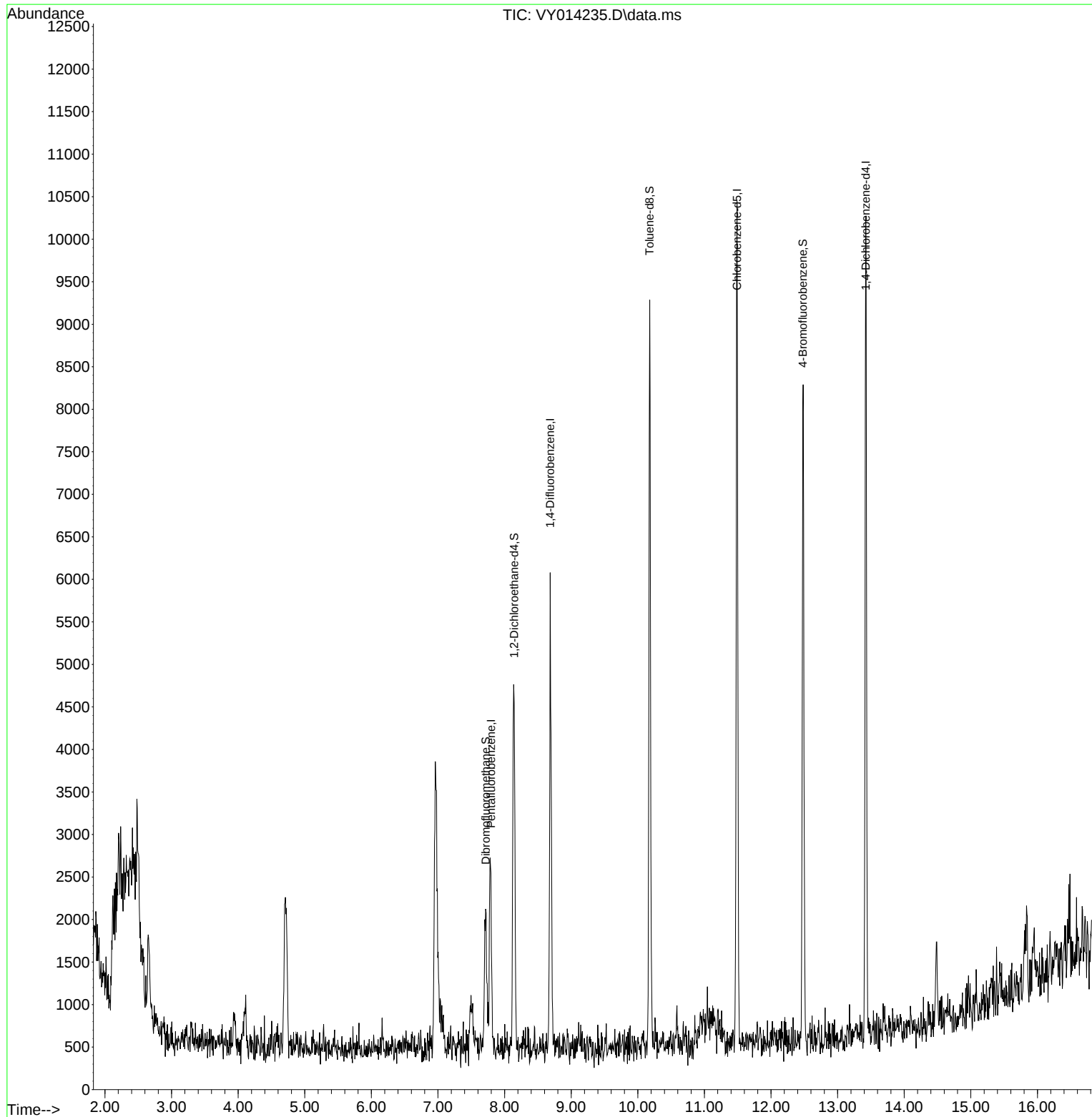
Target Compounds	Qvalue

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

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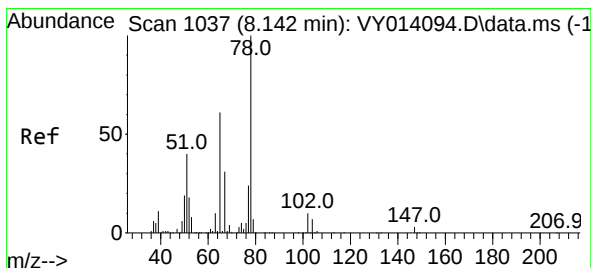
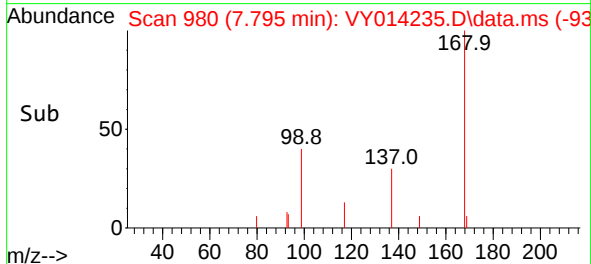
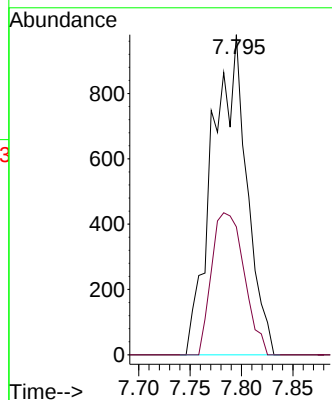
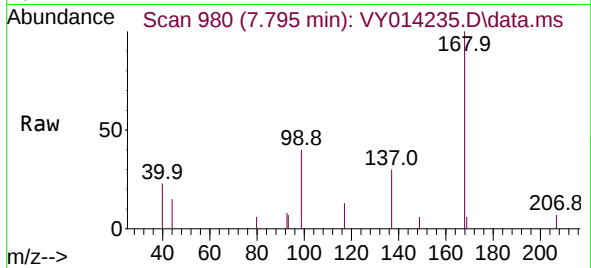




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY014235.D
Acq: 19 Jun 2023 18:08

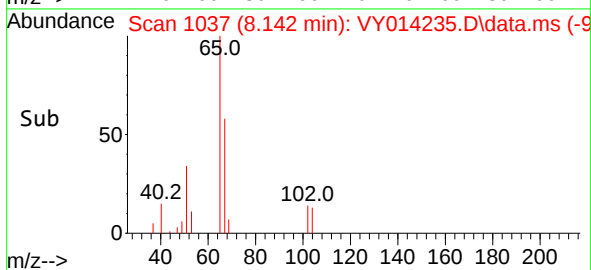
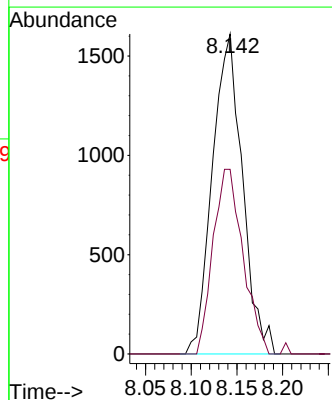
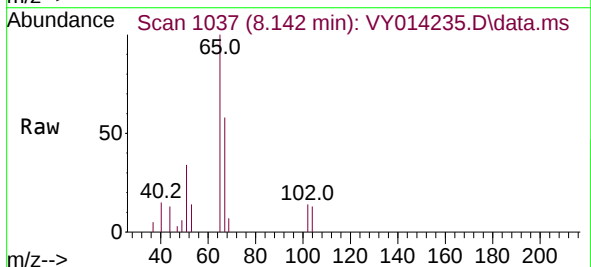
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 2282
Ion Ratio Lower Upper
168 100
99 40.0 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 115.932 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014235.D
Acq: 19 Jun 2023 18:08

Tgt Ion: 65 Resp: 3684
Ion Ratio Lower Upper
65 100
67 57.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014235.D

Acq: 19 Jun 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

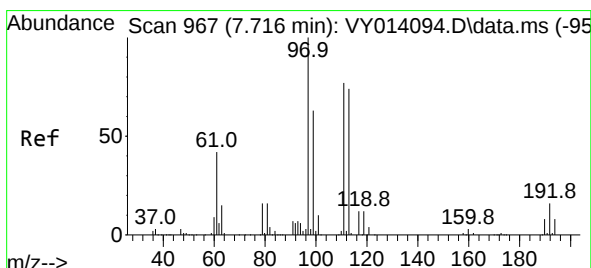
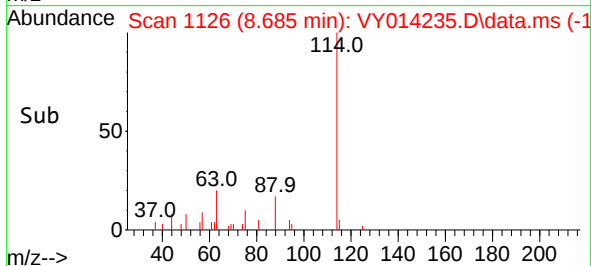
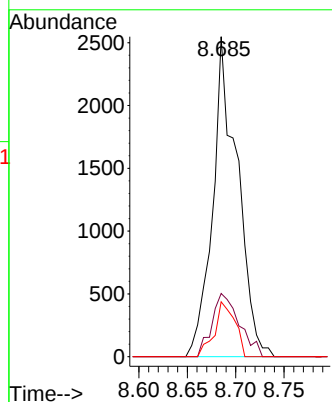
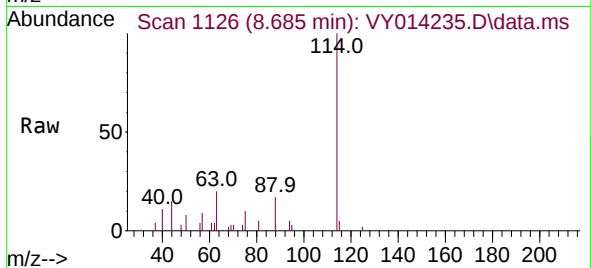
Tgt Ion:114 Resp: 4533

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.114 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014235.D

Acq: 19 Jun 2023 18:08

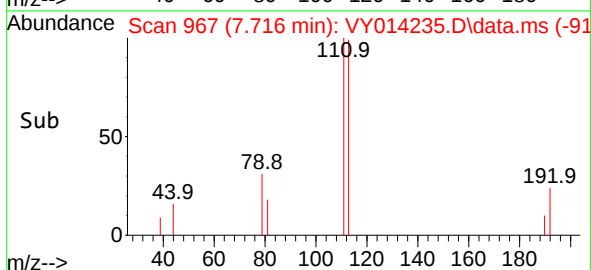
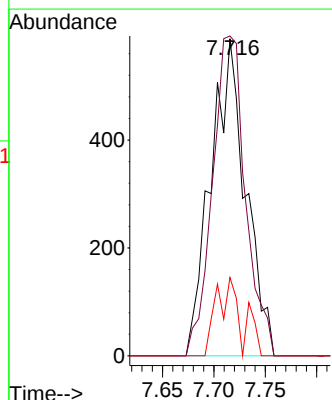
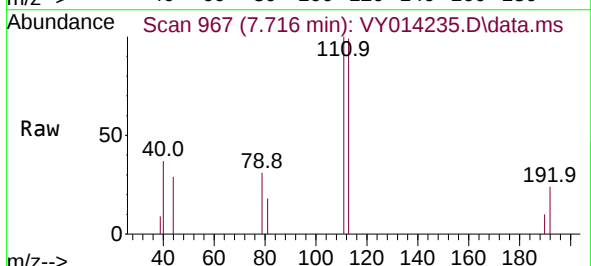
Tgt Ion:113 Resp: 1386

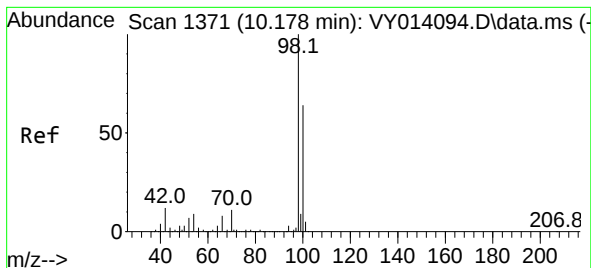
Ion Ratio Lower Upper

113 100

111 95.7 81.3 121.9

192 13.8 16.9 25.3#

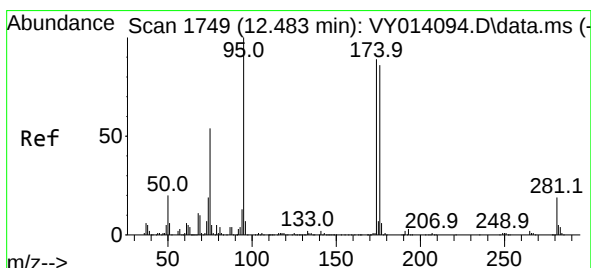
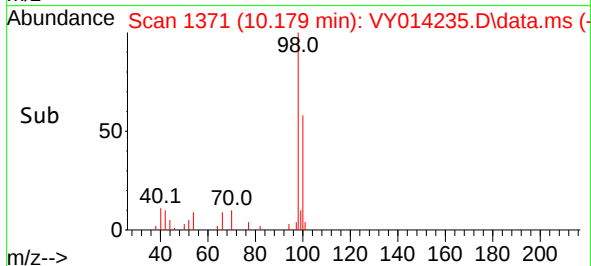
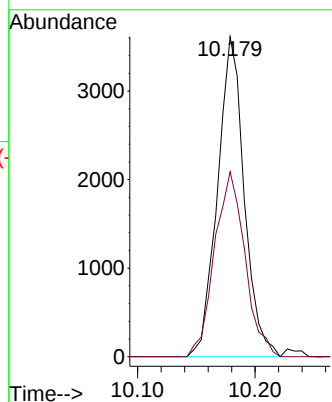
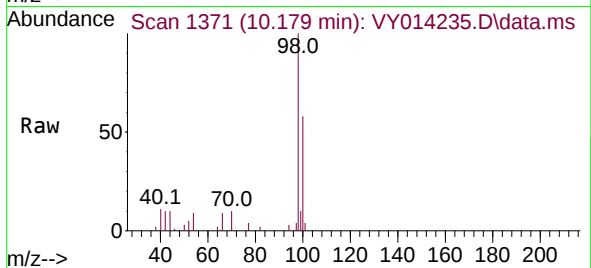




#50
Toluene-d8
Concen: 47.477 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014235.D
Acq: 19 Jun 2023 18:08

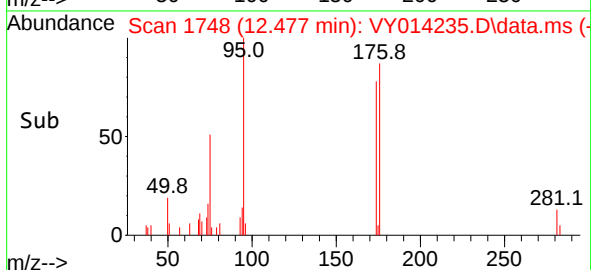
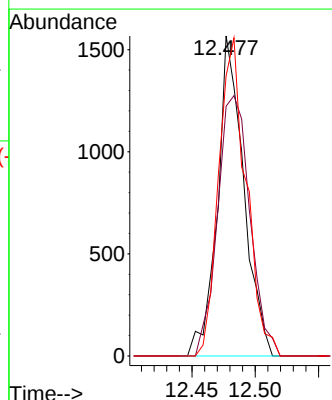
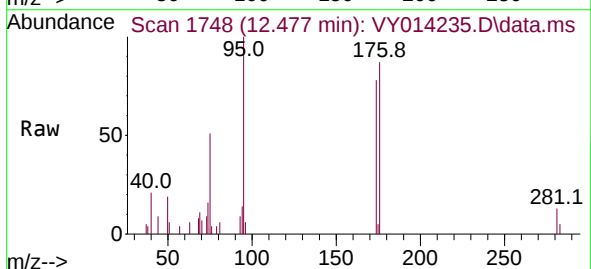
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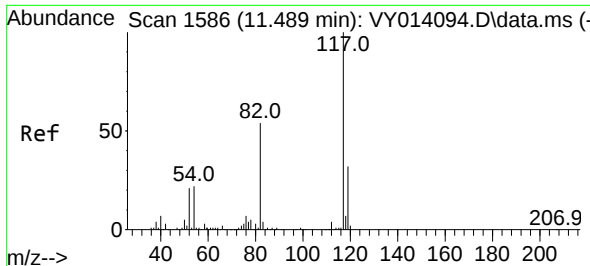
Tgt Ion: 98 Resp: 5706
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.772 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014235.D
Acq: 19 Jun 2023 18:08

Tgt Ion: 95 Resp: 2253
Ion Ratio Lower Upper
95 100
174 100.4 0.0 178.2
176 104.0 0.0 173.8

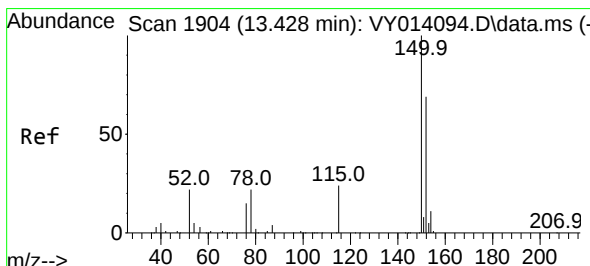
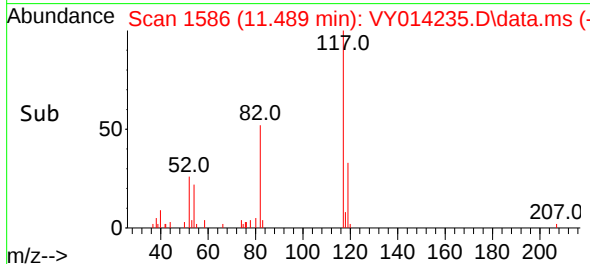
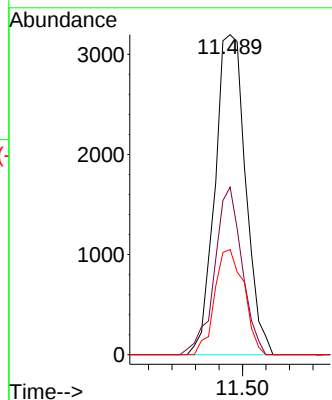
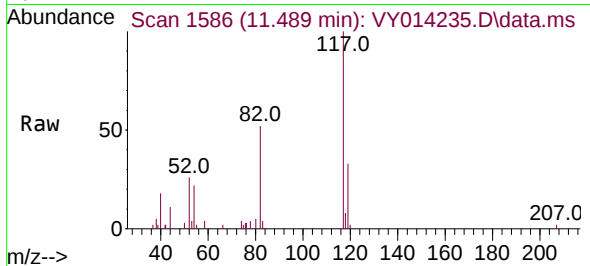




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014235.D
Acq: 19 Jun 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:	117	Resp:	5794
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.0
119	32.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014235.D
Acq: 19 Jun 2023 18:08

Tgt Ion:	152	Resp:	2867
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.8	86.5
150	149.0	0.0	348.8

