

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015179.D
 Acq On : 17 Aug 2023 18:03
 Operator : SY/MD
 Sample : 04070-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 18 00:56:07 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	3399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1816	44.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.716	113	529	14.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	28.800%#
50) Toluene-d8	10.178	98	6270	45.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.483	95	1891	37.867	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.740%

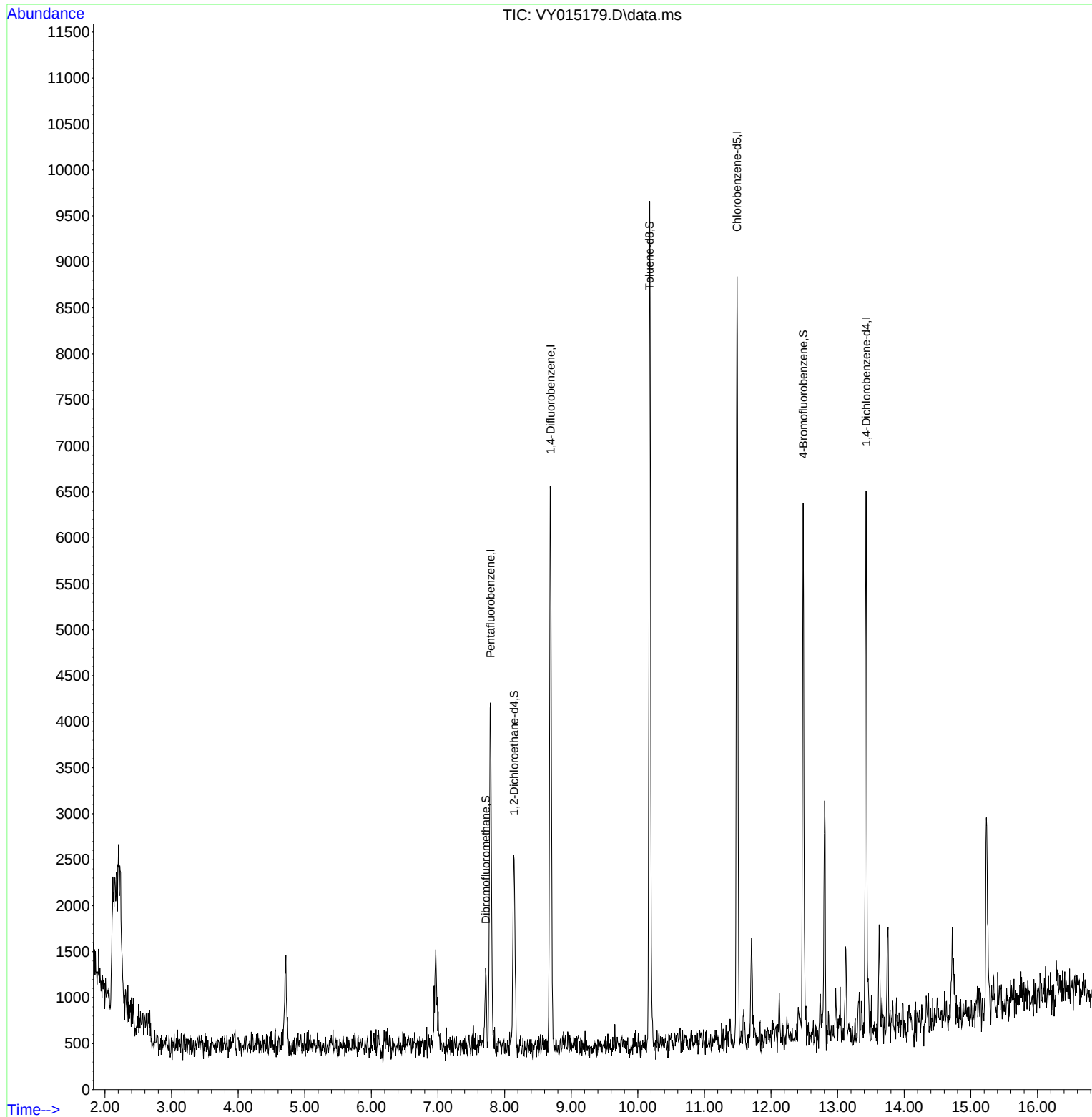
Target Compounds	Qvalue

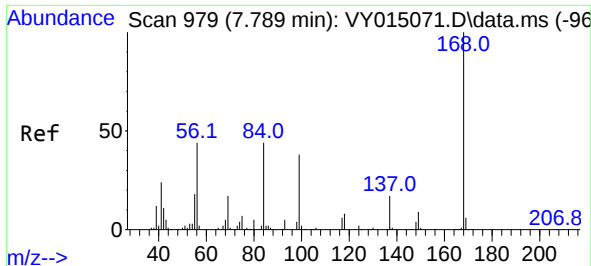
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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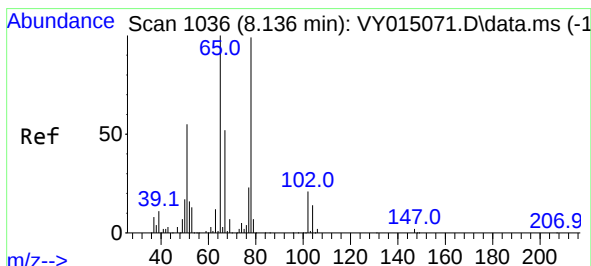
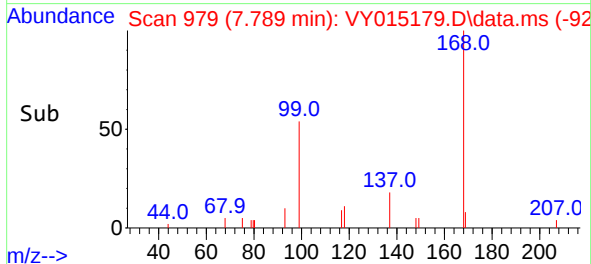
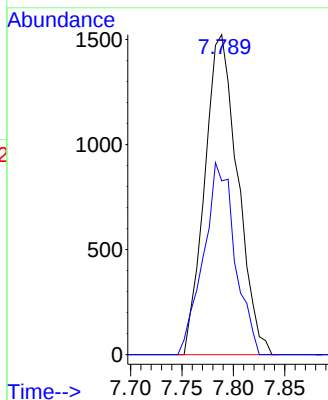
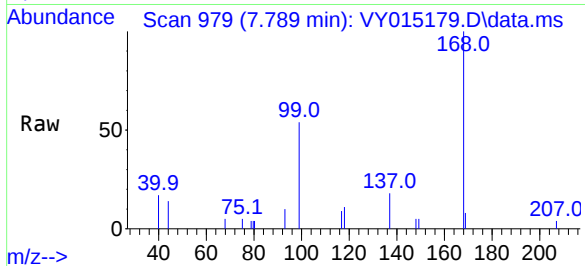




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015179.D
Acq: 17 Aug 2023 18:03

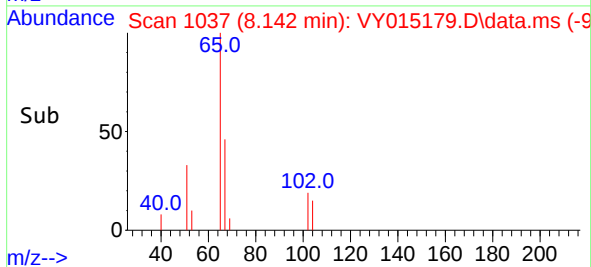
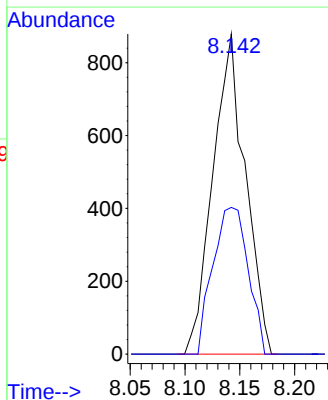
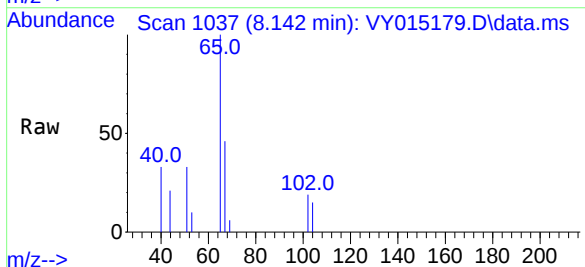
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

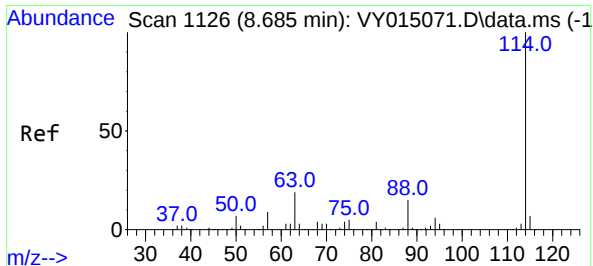
Tgt Ion:168 Resp: 3399
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.508 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015179.D
Acq: 17 Aug 2023 18:03

Tgt Ion: 65 Resp: 1816
Ion Ratio Lower Upper
65 100
67 49.6 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: VY015179.D

Acq: 17 Aug 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

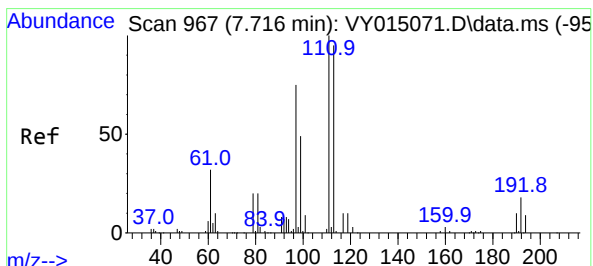
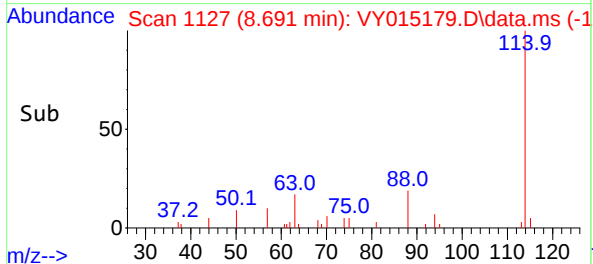
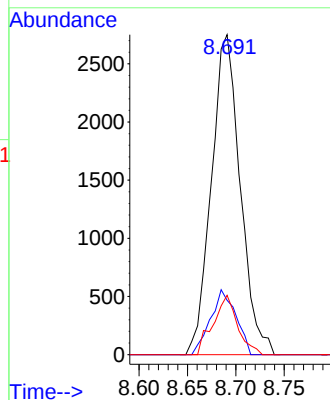
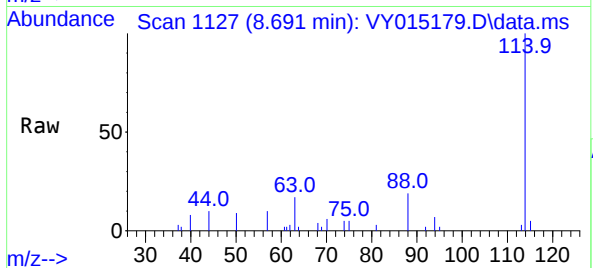
Tgt Ion:114 Resp: 5709

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 18.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 14.403 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015179.D

Acq: 17 Aug 2023 18:03

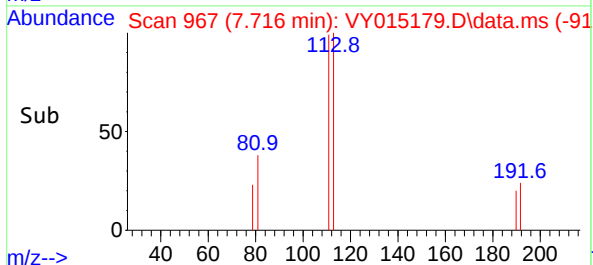
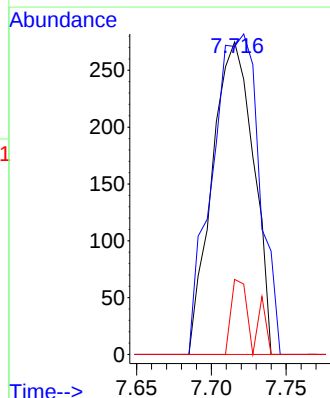
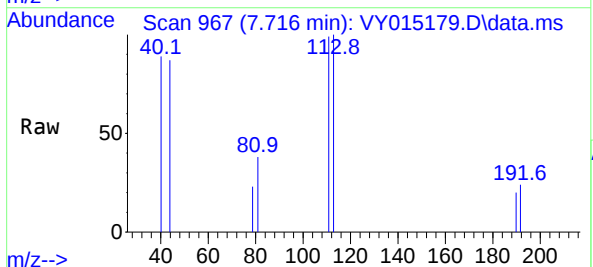
Tgt Ion:113 Resp: 529

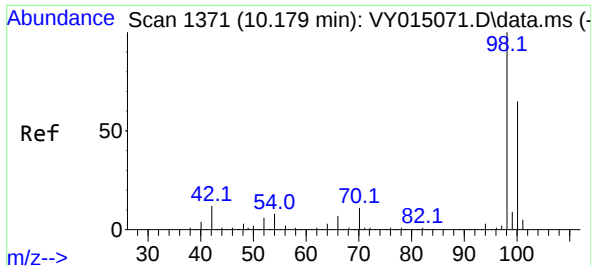
Ion Ratio Lower Upper

113 100

111 116.8 81.3 121.9

192 12.3 16.9 25.3#

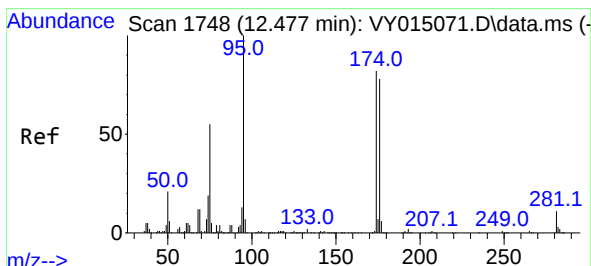
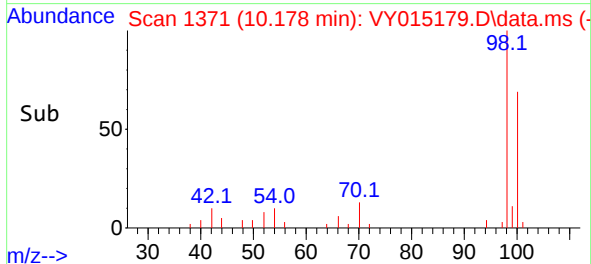
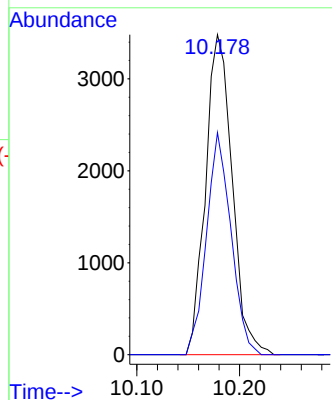
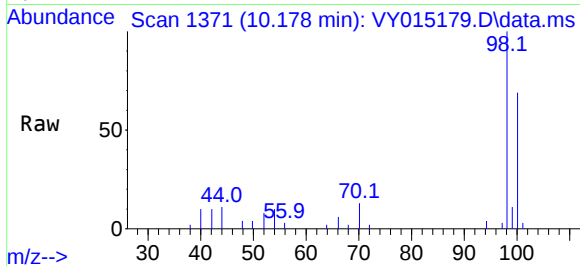




#50
Toluene-d8
Concen: 45.859 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015179.D
Acq: 17 Aug 2023 18:03

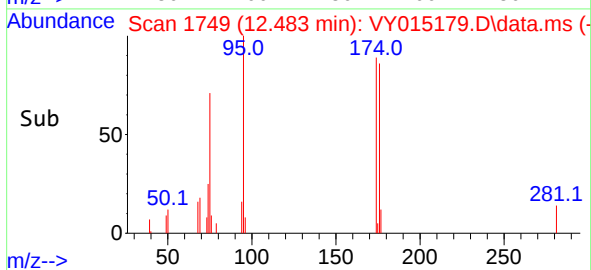
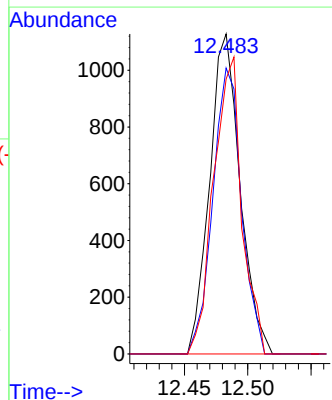
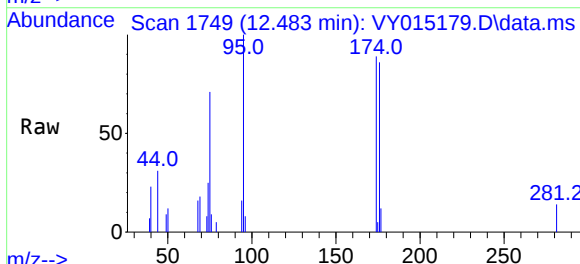
Instrument :
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WC-1

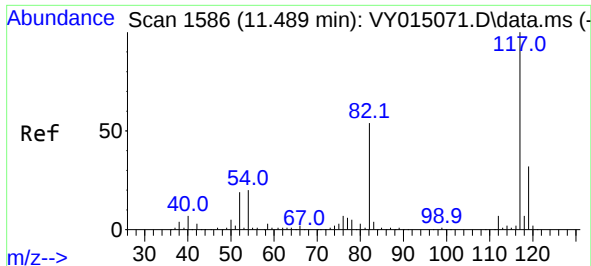
Tgt Ion: 98 Resp: 6270
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015179.D
Acq: 17 Aug 2023 18:03

Tgt Ion: 95 Resp: 1891
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 85.7 0.0 173.8

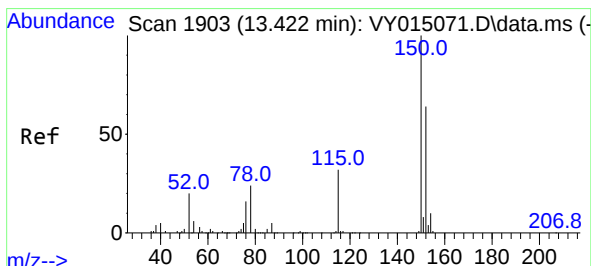
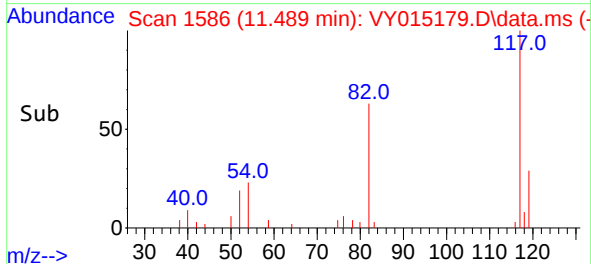
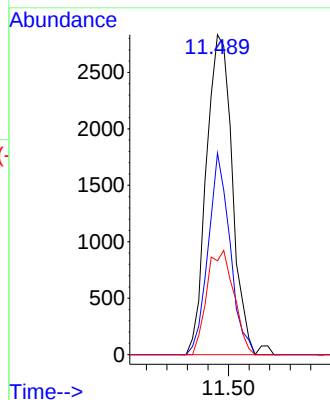
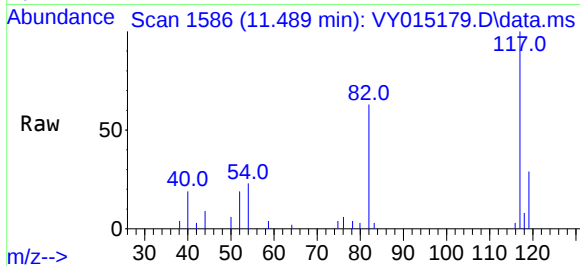




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015179.D
Acq: 17 Aug 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:117	Resp:	4992
Ion	Ratio	Lower Upper
117	100	
82	63.0	43.4 65.0
119	29.4	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: VY015179.D
Acq: 17 Aug 2023 18:03

Tgt Ion:152	Resp:	1688
Ion	Ratio	Lower Upper
152	100	
115	54.8	28.8 86.5
150	164.5	0.0 348.8

