

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012328.D
 Acq On : 23 Jan 2023 20:52
 Operator : KP/MD
 Sample : 01243-07
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011923-B4-30-40

Quant Time: Jan 24 01:31:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	29447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12937	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13273	54.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.500%
35) Dibromofluoromethane	7.716	113	11740	51.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.179	98	49935	64.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.200%
62) 4-Bromofluorobenzene	12.483	95	11619	35.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.920%

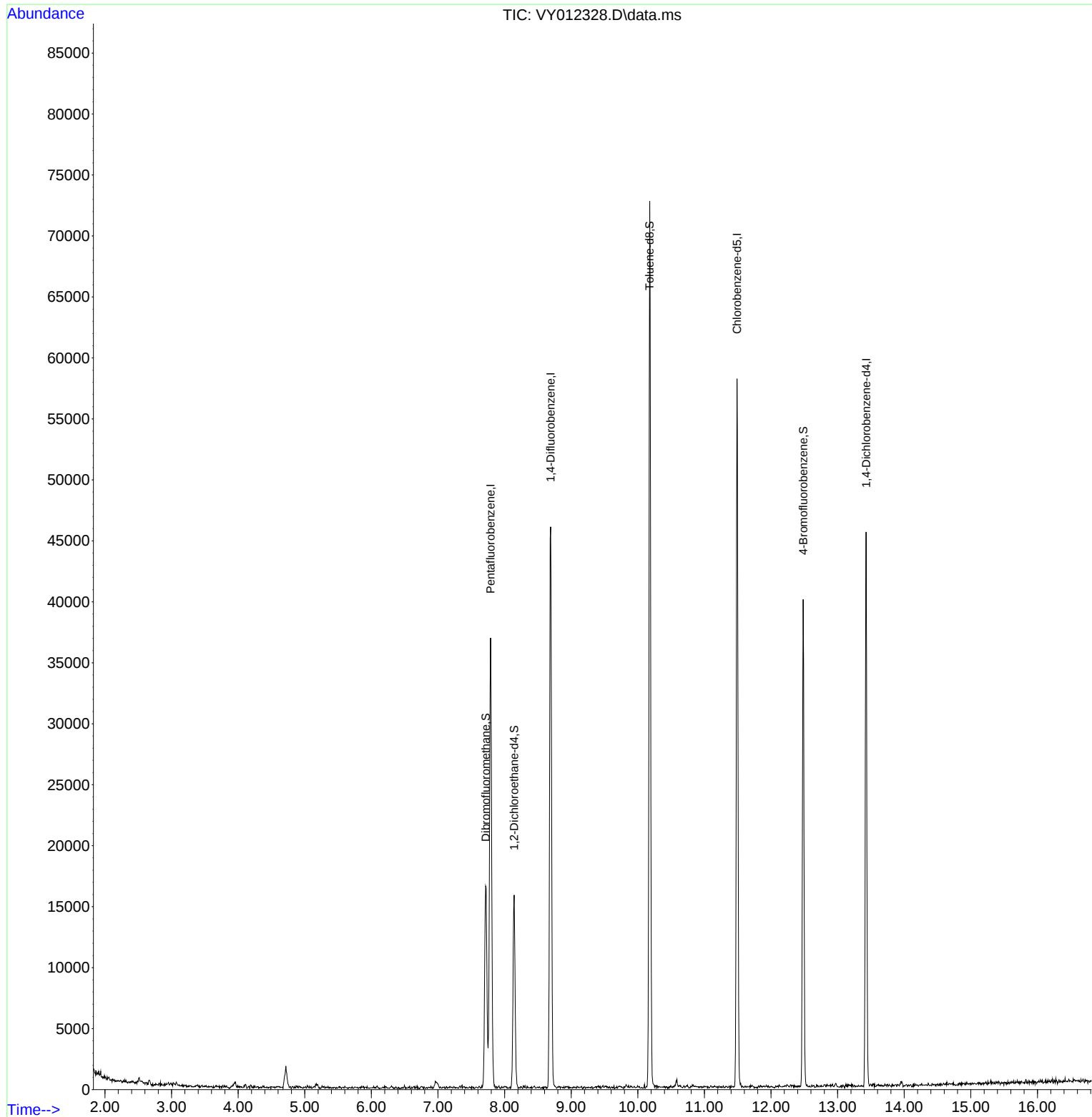
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012328.D

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Instrument :

MSVOA_Y

ClientSampleId :

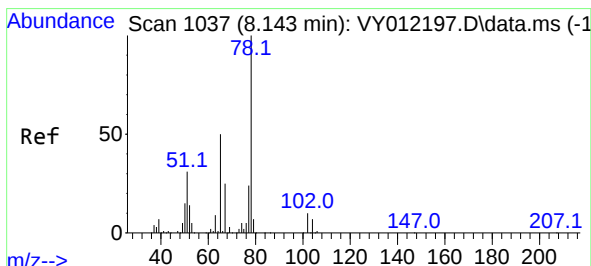
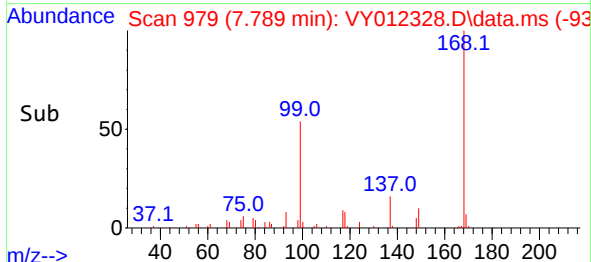
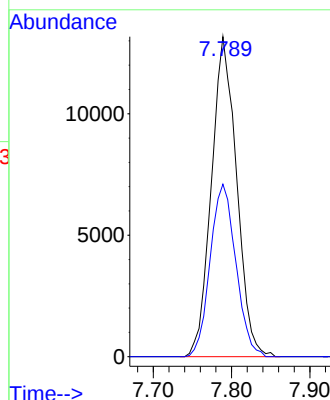
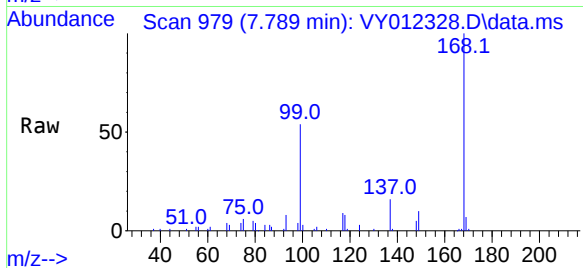
TJRC-011923-B4-30-40

Tgt Ion:168 Resp: 29447

Ion Ratio Lower Upper

168 100

99 53.9 44.0 66.0



#33

1,2-Dichloroethane-d4

Concen: 54.753 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012328.D

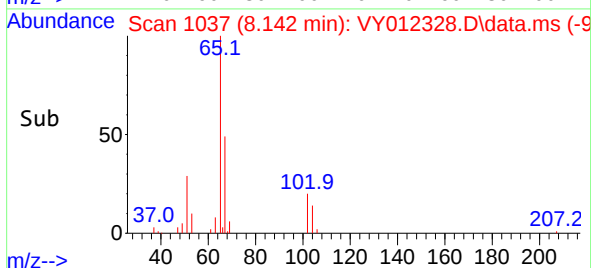
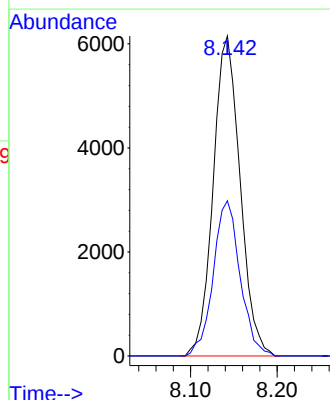
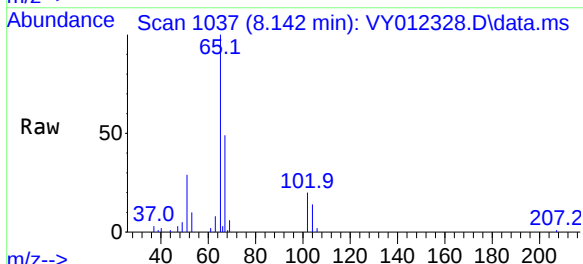
Acq: 23 Jan 2023 20:52

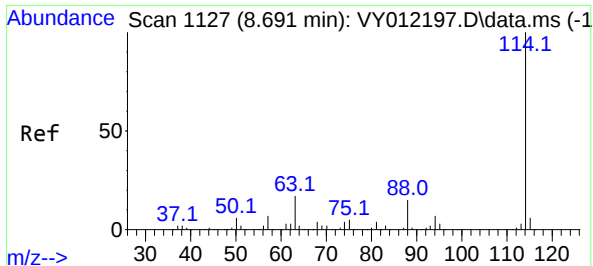
Tgt Ion: 65 Resp: 13273

Ion Ratio Lower Upper

65 100

67 48.5 0.0 103.2

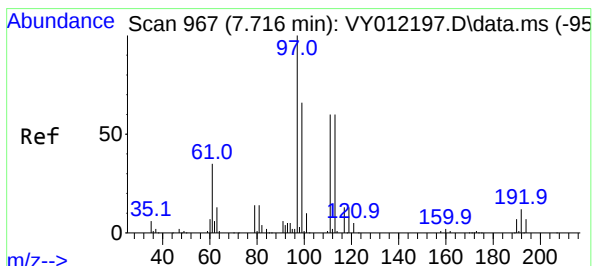
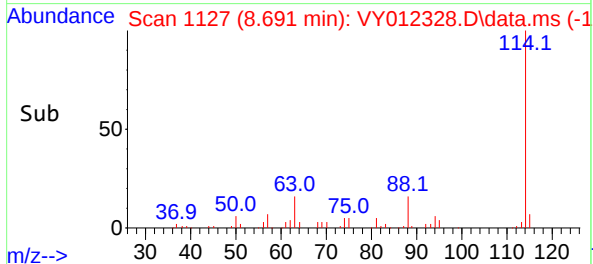
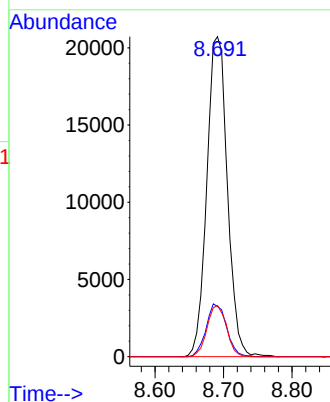
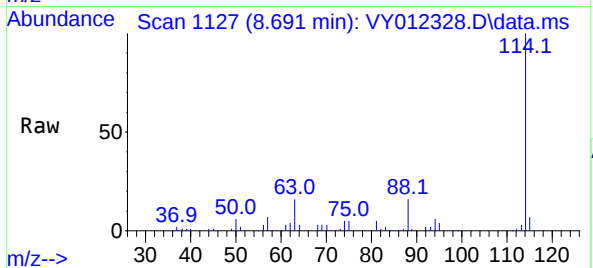




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

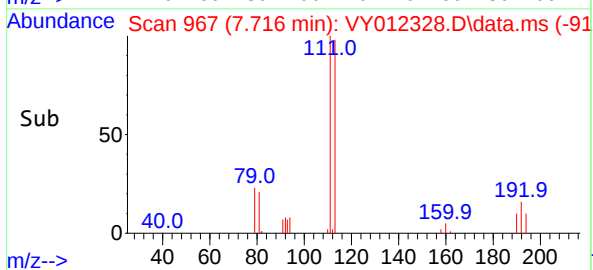
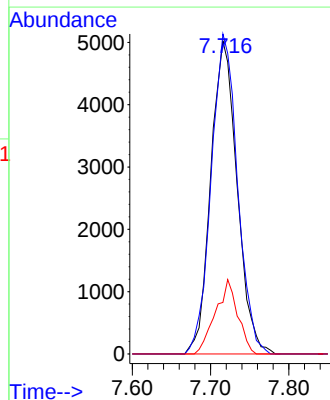
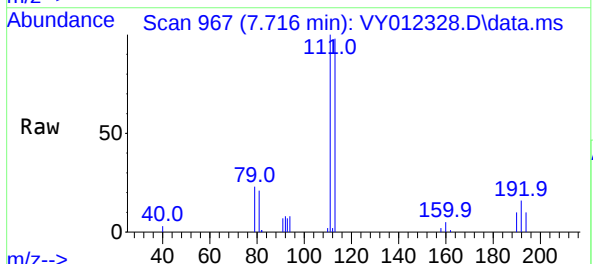
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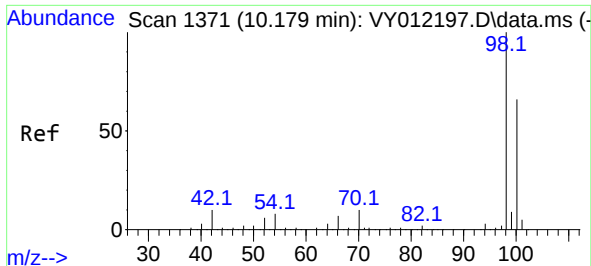
Tgt Ion:	114	Resp:	43289
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	39.6
88	16.0	0.0	32.2



#35
Dibromofluoromethane
Concen: 51.218 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion:	113	Resp:	11740
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	20.1	16.0	24.0

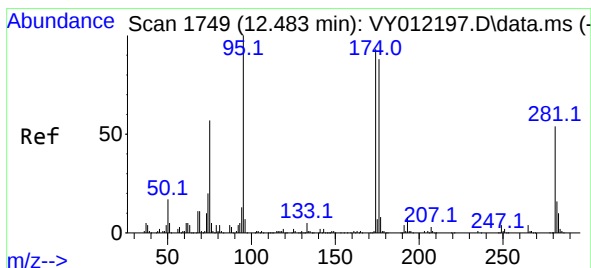
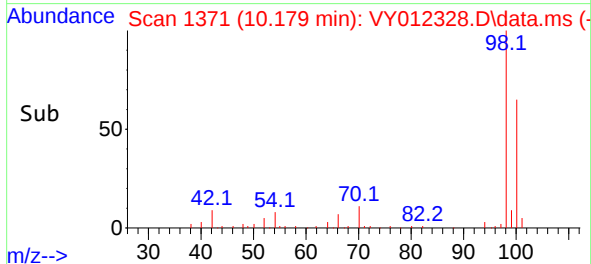
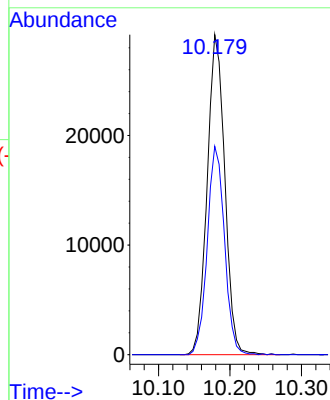
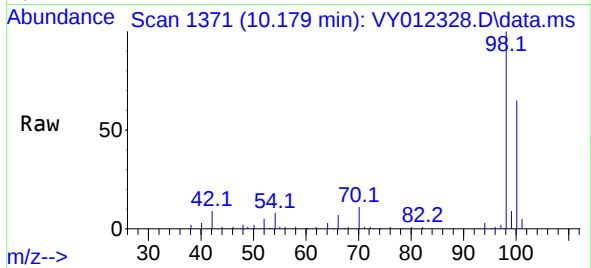




#50
Toluene-d8
Concen: 64.097 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

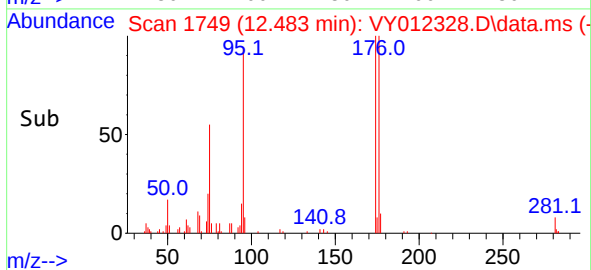
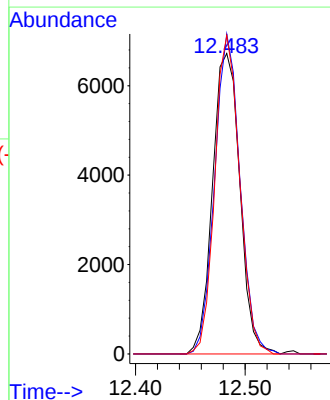
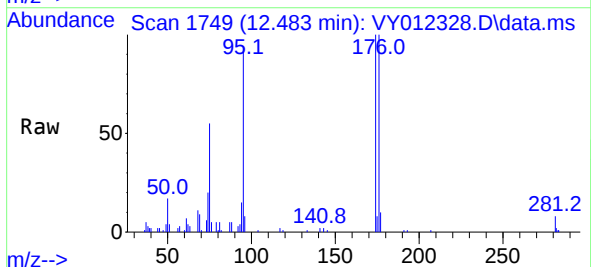
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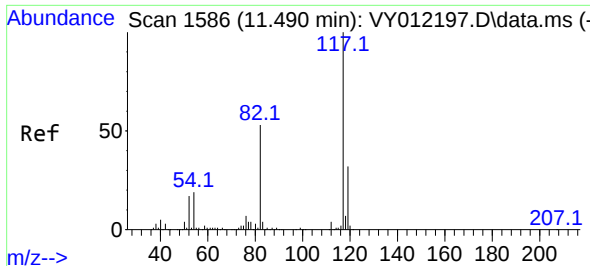
Tgt Ion: 98 Resp: 49935
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 35.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion: 95 Resp: 11619
Ion Ratio Lower Upper
95 100
174 99.0 0.0 172.0
176 96.6 0.0 167.6

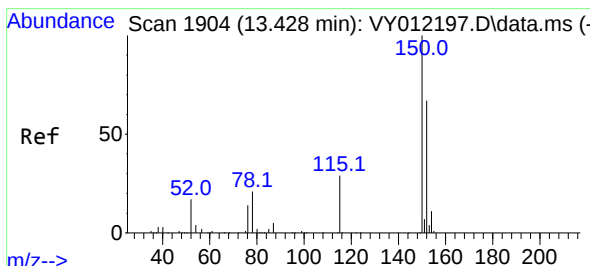
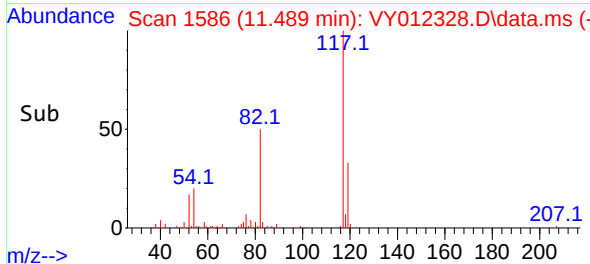
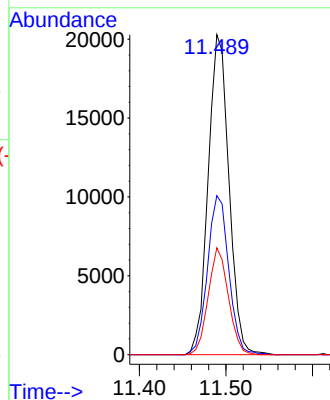
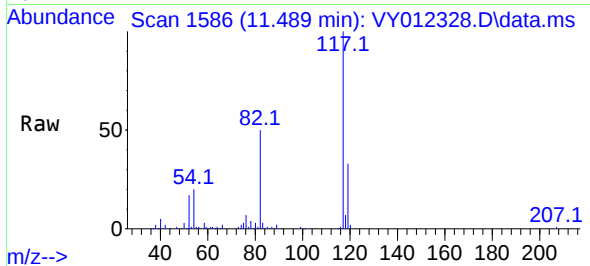




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011923-B4-30-40

Tgt Ion:117	Resp:	33883
Ion Ratio	Lower	Upper
117	100	
82	49.7	44.8 67.2
119	33.4	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion:152	Resp:	12937
Ion Ratio	Lower	Upper
152	100	
115	57.4	29.1 87.3
150	155.3	0.0 342.6

