

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011624.D
 Acq On : 29 Nov 2022 15:57
 Operator : KP/MD
 Sample : N5787-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-24-STOCKRE

Quant Time: Nov 30 04:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	170	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	400	231.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	463.460%#
35) Dibromofluoromethane	7.722	113	135	52.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.185	98	383	40.765	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.520%
62) 4-Bromofluorobenzene	12.489	95	23	6.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	13.240%#

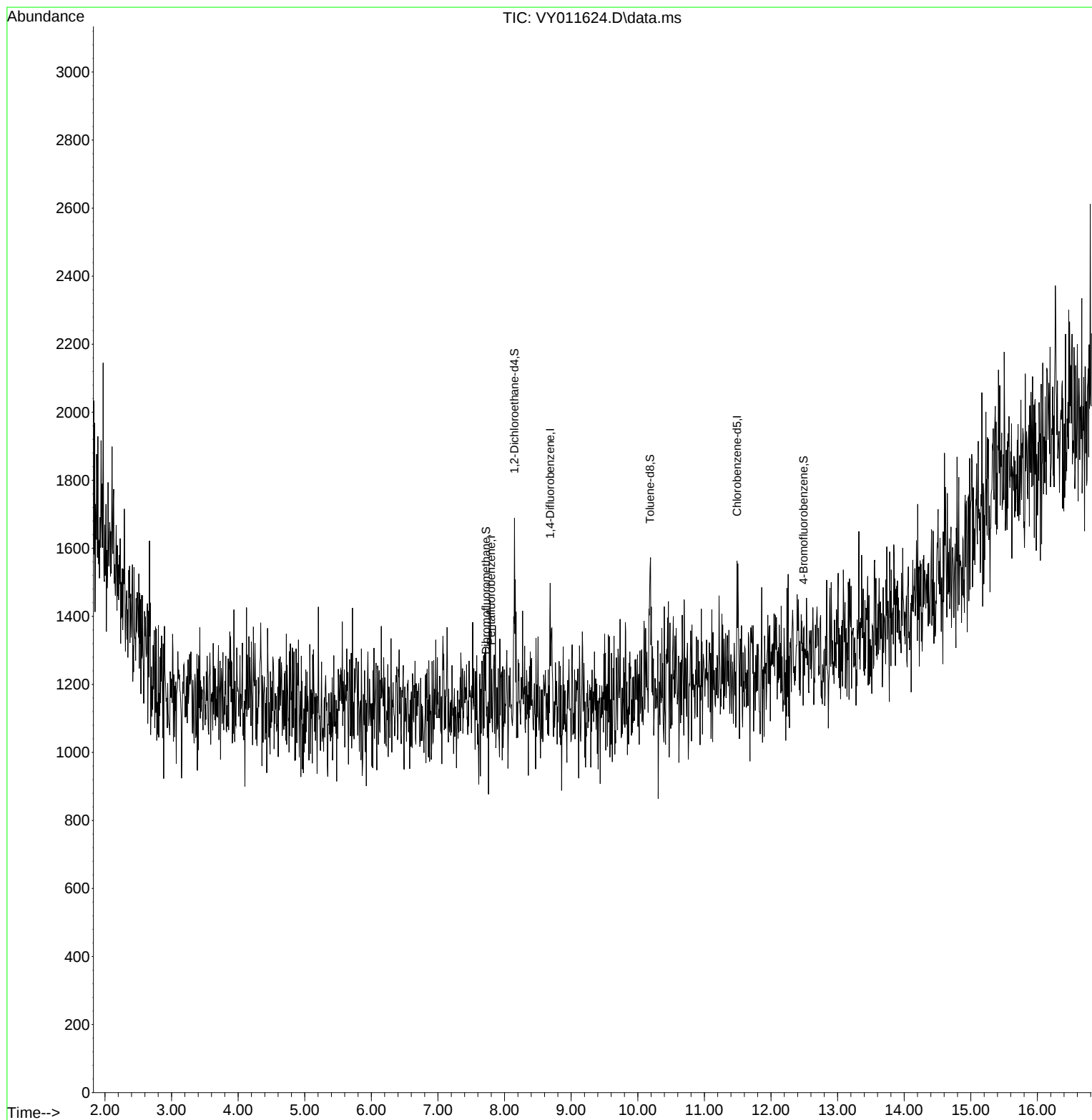
Target Compounds	Qvalue

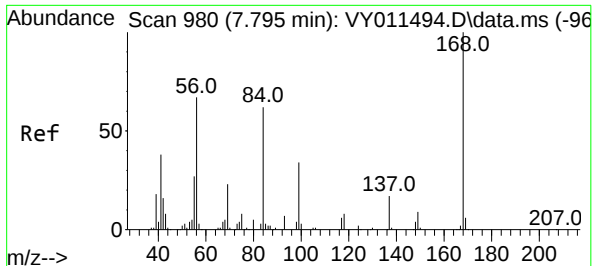
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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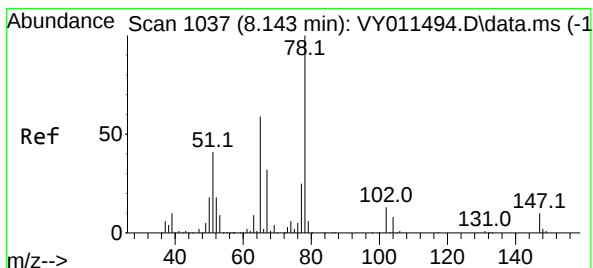
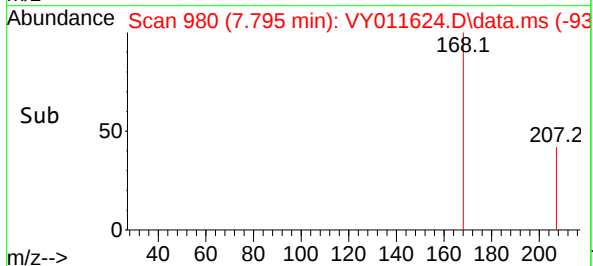
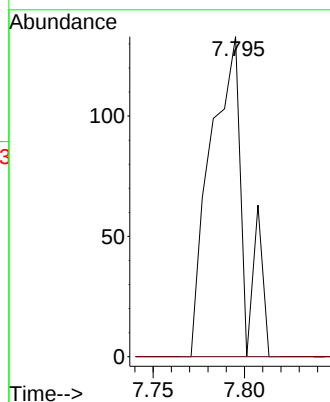
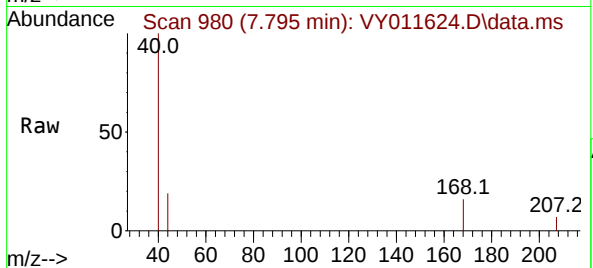




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011624.D
Acq: 29 Nov 2022 15:57

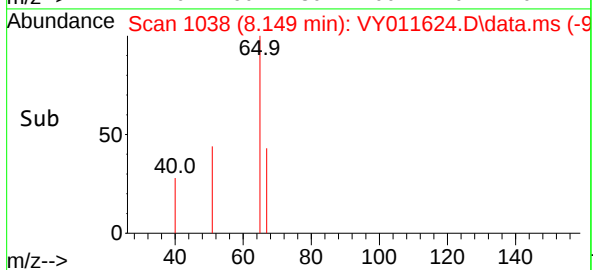
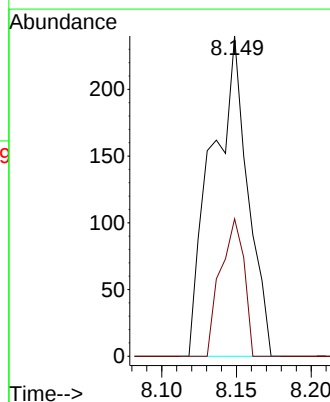
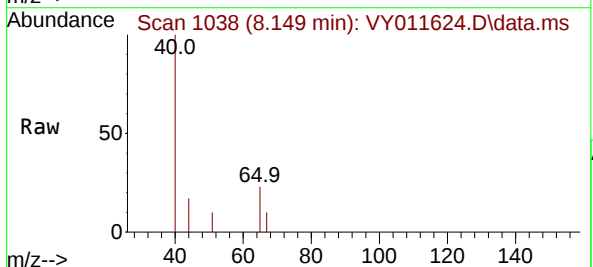
Instrument :
MSVOA_Y
ClientSampleId :
SB-24-STOCKRE

Tgt Ion:168 Resp: 170
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 231.726 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011624.D
Acq: 29 Nov 2022 15:57

Tgt Ion: 65 Resp: 400
Ion Ratio Lower Upper
65 100
67 28.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011624.D

Acq: 29 Nov 2022 15:57

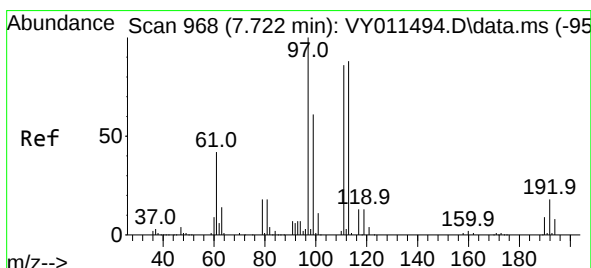
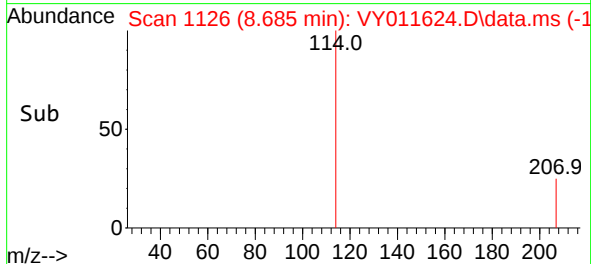
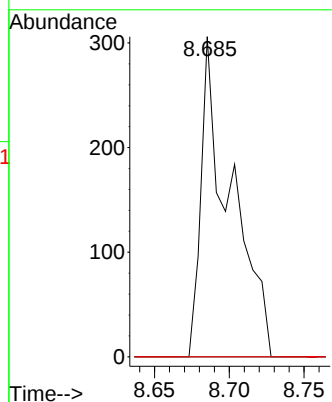
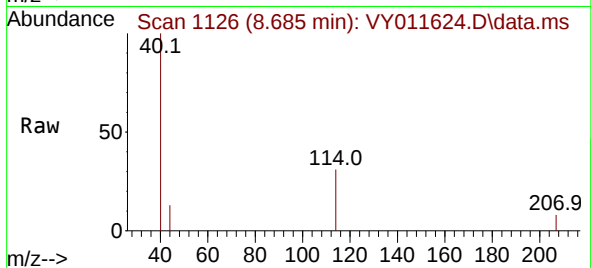
Instrument :

MSVOA_Y

ClientSampleId :

SB-24-STOCKRE

Tgt Ion:114	Resp:	420
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 43.2
88	0.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 52.214 ug/l

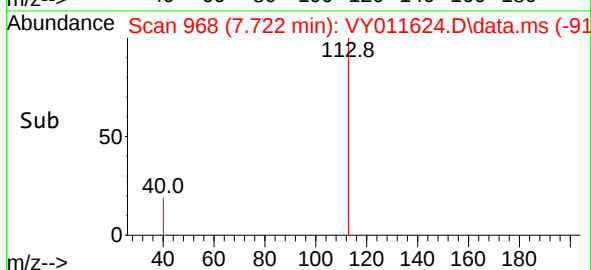
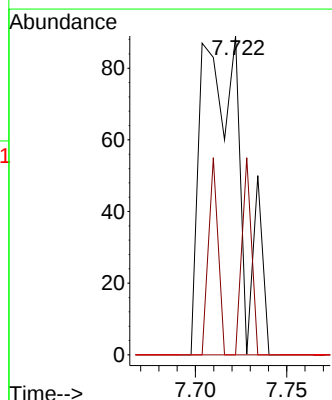
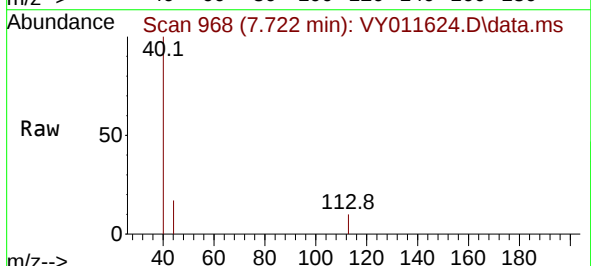
RT: 7.722 min Scan# 968

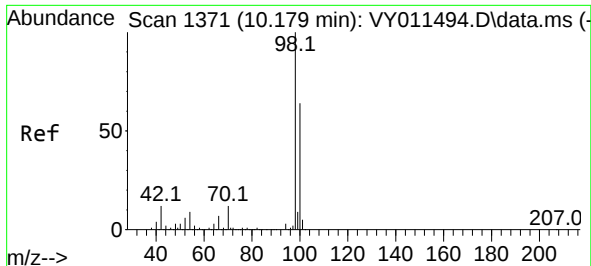
Delta R.T. -0.000 min

Lab File: VY011624.D

Acq: 29 Nov 2022 15:57

Tgt Ion:113	Resp:	135
Ion	Ratio	Lower Upper
113	100	
111	14.8	82.6 124.0#
192	0.0	17.6 26.4#

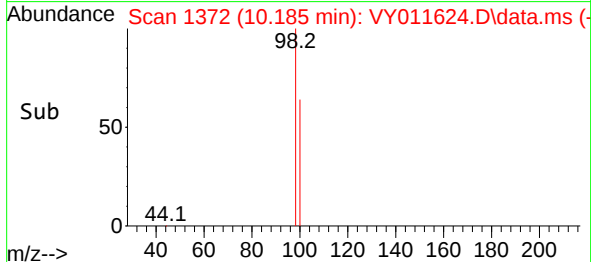
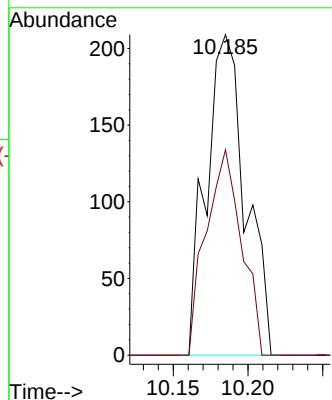
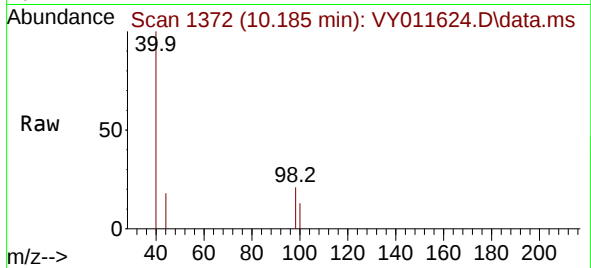




#50
Toluene-d8
Concen: 40.765 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011624.D
Acq: 29 Nov 2022 15:57

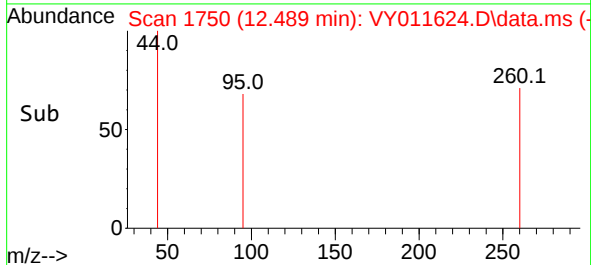
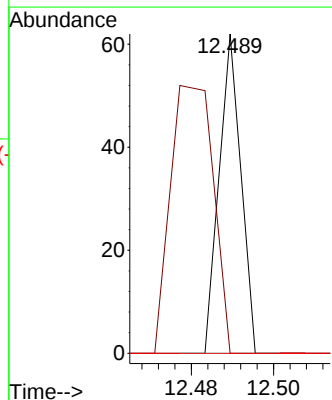
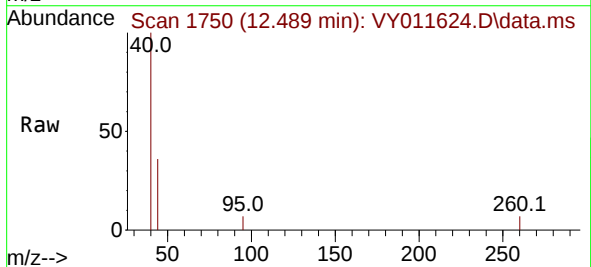
Instrument :
MSVOA_Y
ClientSampleId :
SB-24-STOCKRE

Tgt Ion: 98 Resp: 383
Ion Ratio Lower Upper
98 100
100 58.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 6.621 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011624.D
Acq: 29 Nov 2022 15:57

Tgt Ion: 95 Resp: 23
Ion Ratio Lower Upper
95 100
174 165.2 0.0 177.0
176 0.0 0.0 175.8

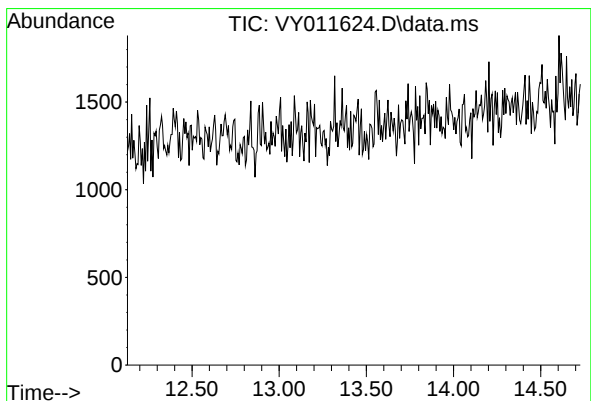
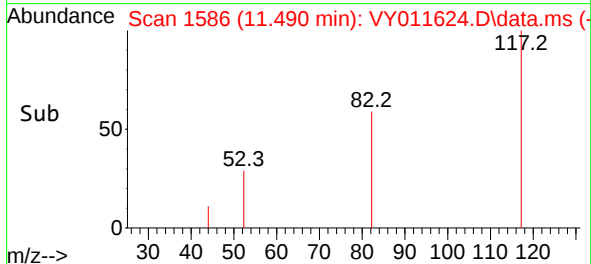
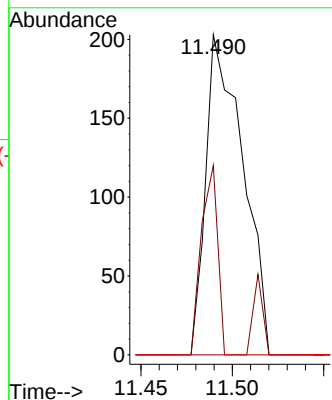
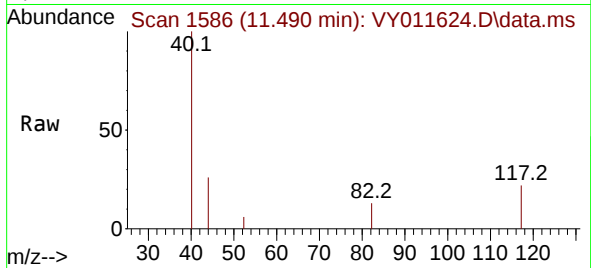




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011624.D
Acq: 29 Nov 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-24-STOCKRE

Tgt Ion:117 Resp: 286
Ion Ratio Lower Upper
117 100
82 59.1 43.0 64.4
119 0.0 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY011624.D
Acq: 29 Nov 2022 15:57

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

