

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009782.D
 Acq On : 29 Jul 2022 19:00
 Operator : KP/MD
 Sample : N3927-19
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-92

Quant Time: Aug 01 01:16:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	3076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	834	70.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.280%
35) Dibromofluoromethane	7.710	113	288	17.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.440%#
50) Toluene-d8	10.173	98	2809	58.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	116.720%
62) 4-Bromofluorobenzene	12.477	95	573	25.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	51.660%

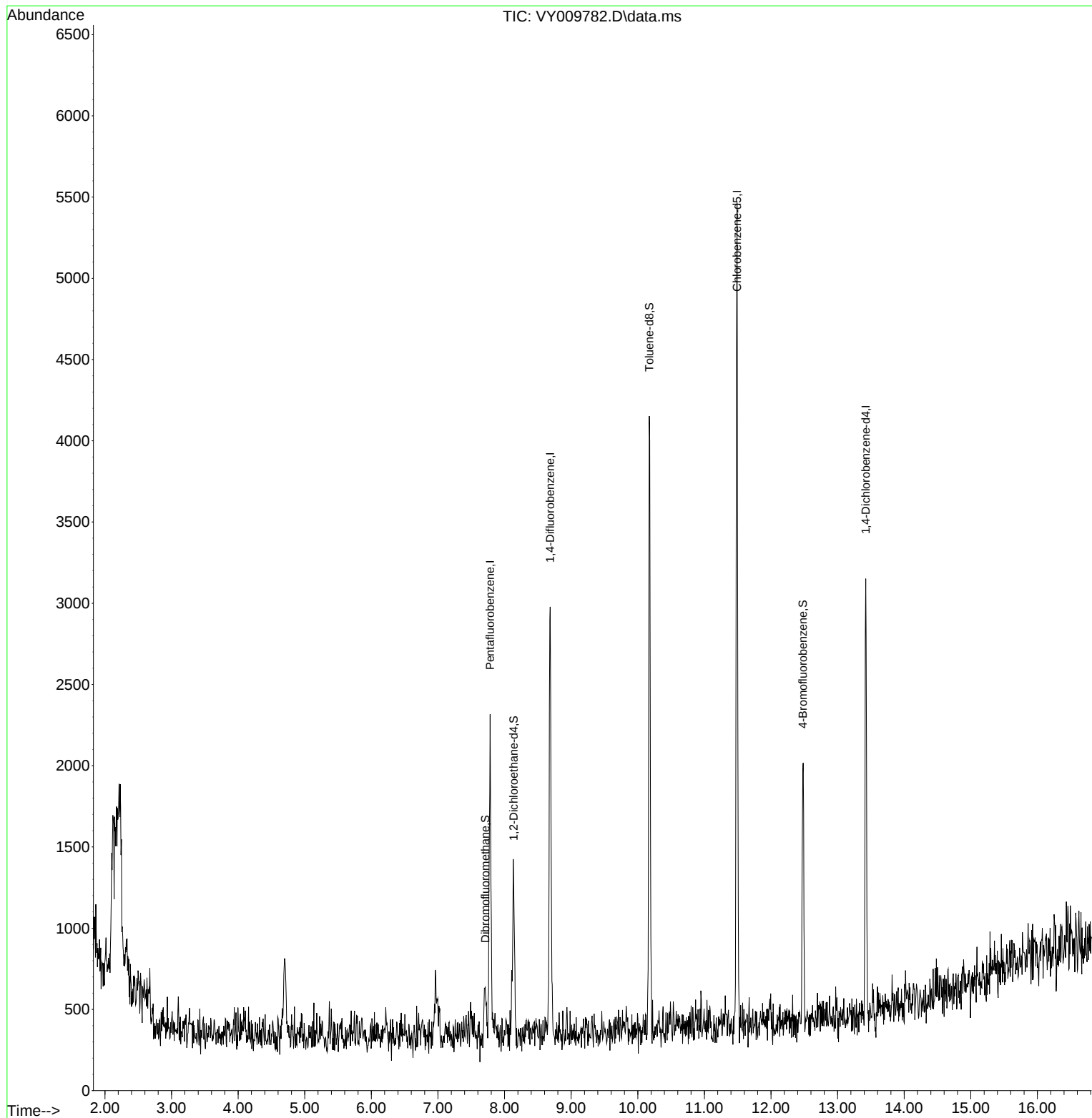
Target Compounds	Qvalue

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

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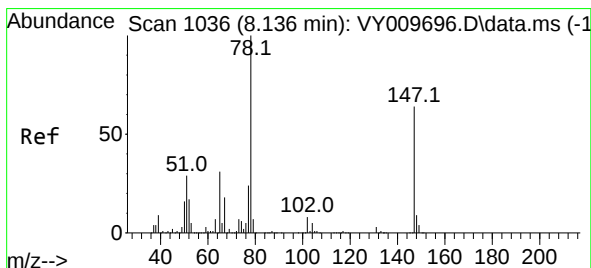
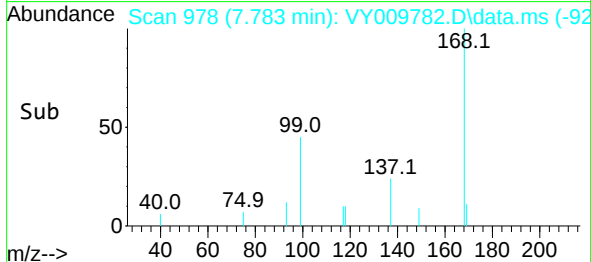
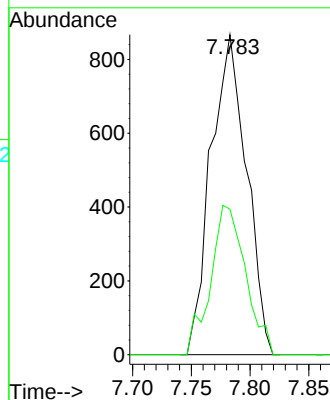
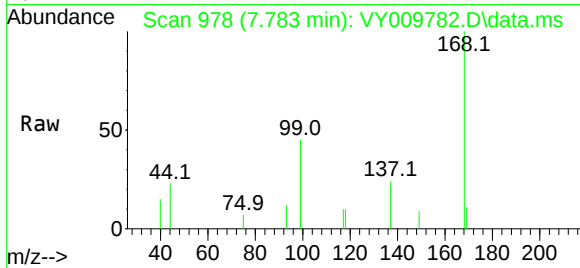




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009782.D
Acq: 29 Jul 2022 19:00

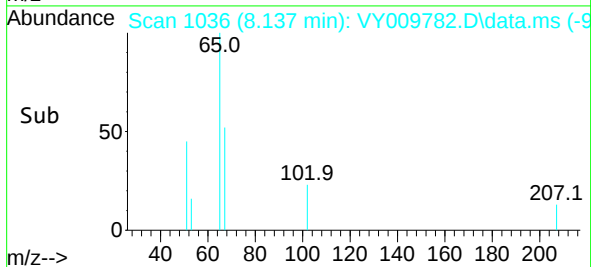
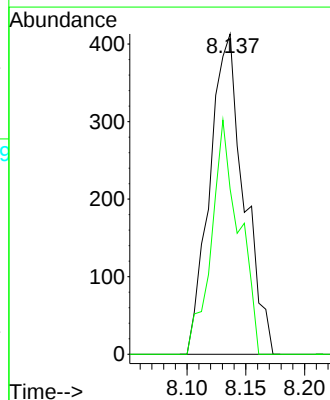
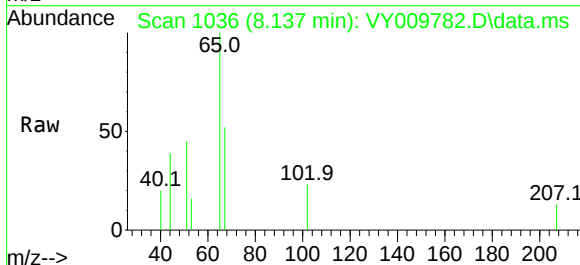
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

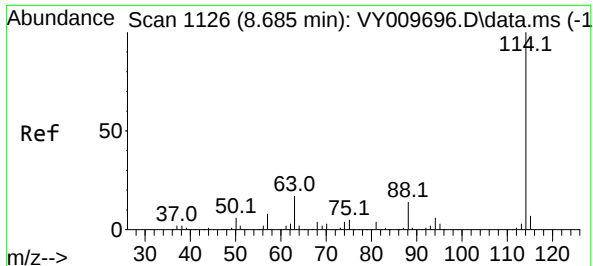
Tgt Ion:168 Resp: 1829
Ion Ratio Lower Upper
168 100
99 45.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 70.638 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009782.D
Acq: 29 Jul 2022 19:00

Tgt Ion: 65 Resp: 834
Ion Ratio Lower Upper
65 100
67 59.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009782.D

Acq: 29 Jul 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

RVE-92

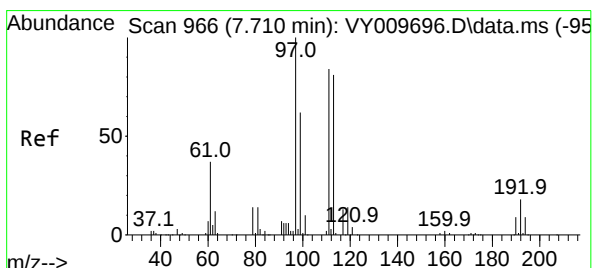
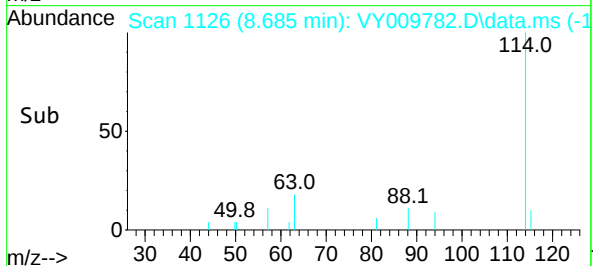
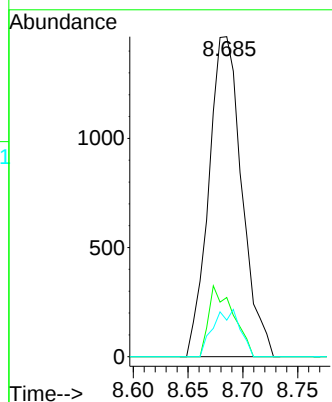
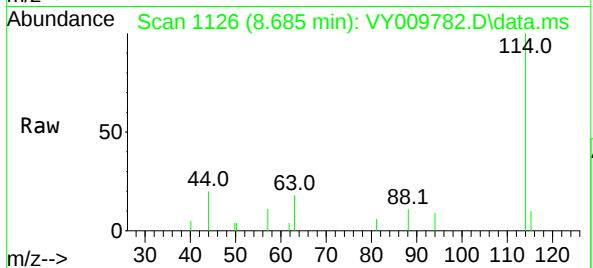
Tgt Ion:114 Resp: 3076

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 11.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 17.215 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009782.D

Acq: 29 Jul 2022 19:00

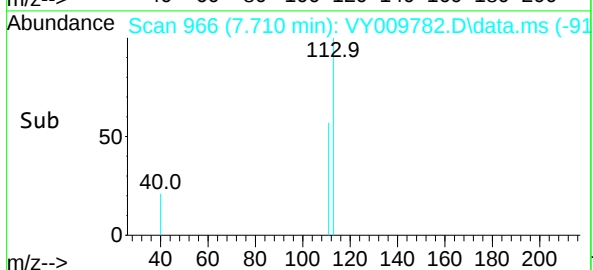
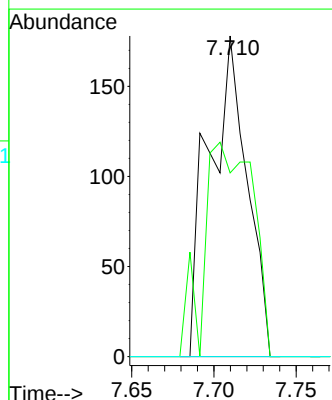
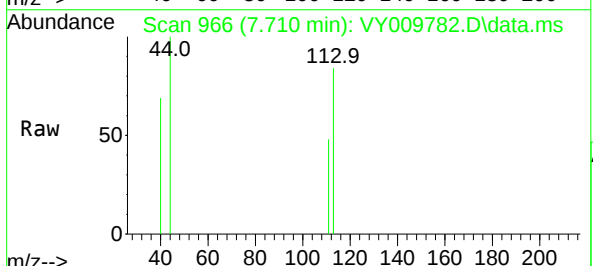
Tgt Ion:113 Resp: 288

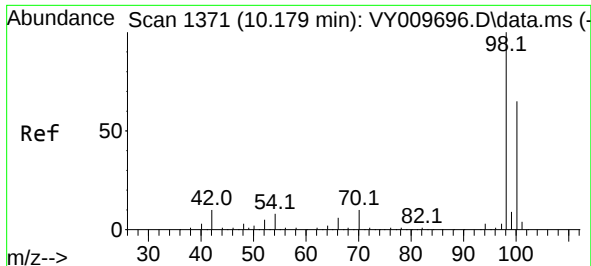
Ion Ratio Lower Upper

113 100

111 85.8 82.6 124.0

192 0.0 17.6 26.4#

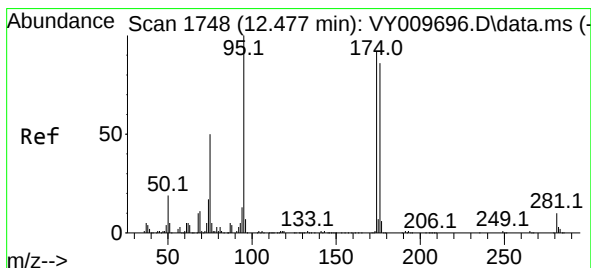
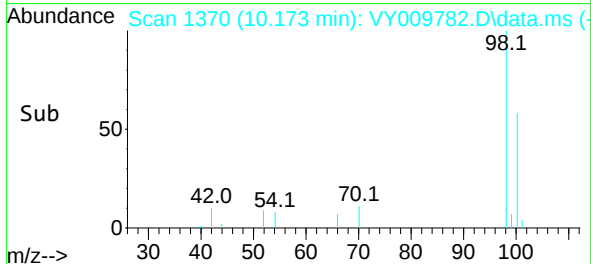
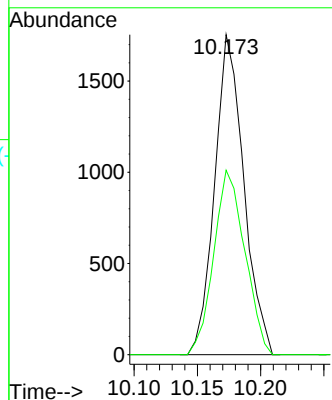
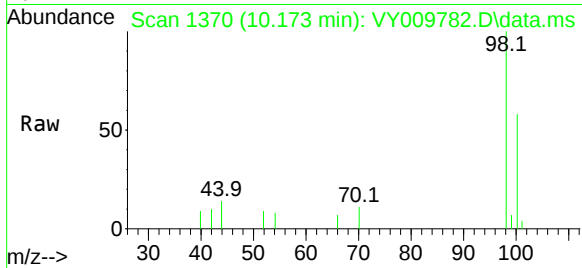




#50
Toluene-d8
Concen: 58.363 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009782.D
Acq: 29 Jul 2022 19:00

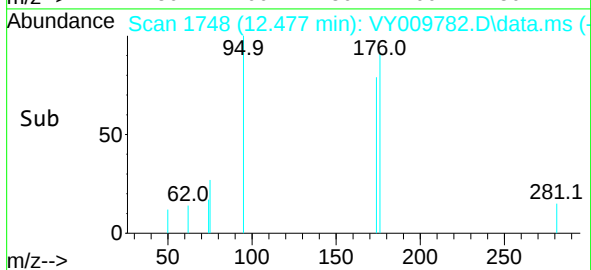
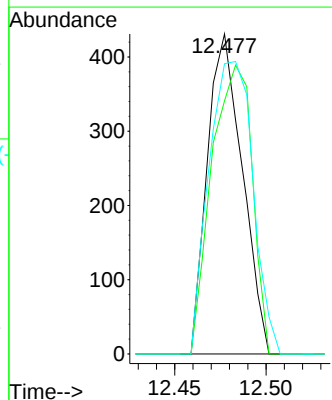
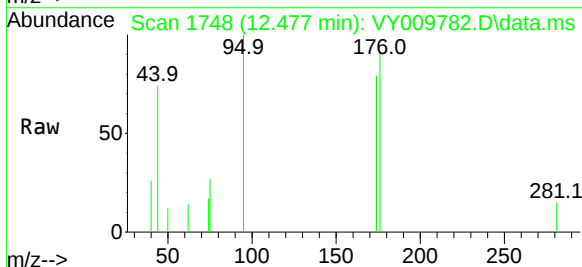
Instrument :
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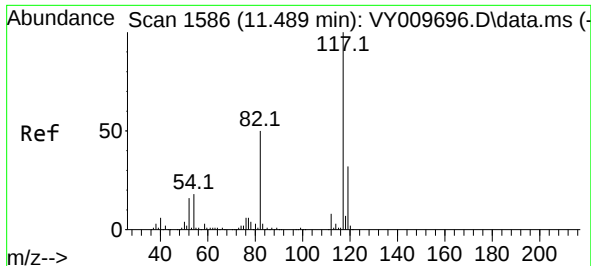
Tgt Ion: 98 Resp: 2809
Ion Ratio Lower Upper
98 100
100 61.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 25.830 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009782.D
Acq: 29 Jul 2022 19:00

Tgt Ion: 95 Resp: 573
Ion Ratio Lower Upper
95 100
174 104.2 0.0 177.0
176 115.0 0.0 175.8

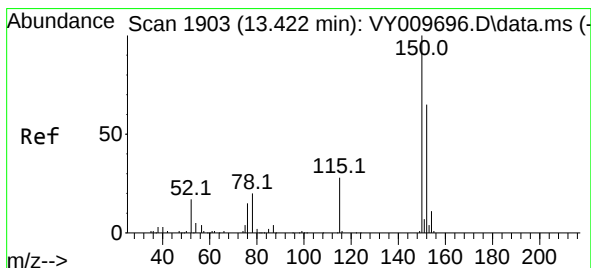
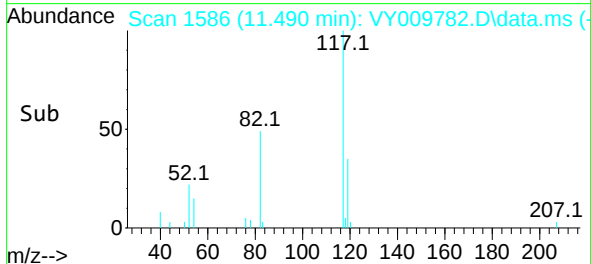
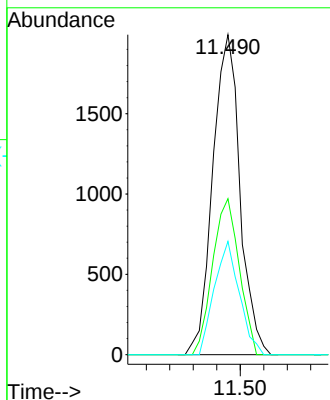
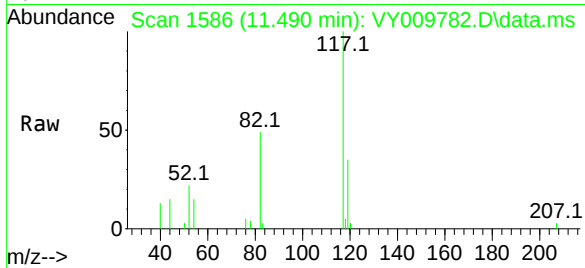




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009782.D
Acq: 29 Jul 2022 19:00

Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

Tgt Ion:	117	Resp:	3201
Ion	Ratio	Lower	Upper
117	100		
82	48.7	43.0	64.4
119	35.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009782.D
Acq: 29 Jul 2022 19:00

Tgt Ion:	152	Resp:	936
Ion	Ratio	Lower	Upper
152	100		
115	50.9	28.2	84.7
150	139.0	0.0	347.6

