

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009785.D
 Acq On : 29 Jul 2022 20:10
 Operator : KP/MD
 Sample : N3931-13
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-124

Quant Time: Aug 01 01:17:14 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	7.782	168	156972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	276818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61647	60.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.080%
35) Dibromofluoromethane	7.709	113	59302	39.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.780%
50) Toluene-d8	10.178	98	226525	51.817	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.477	95	64645	32.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	64.760%

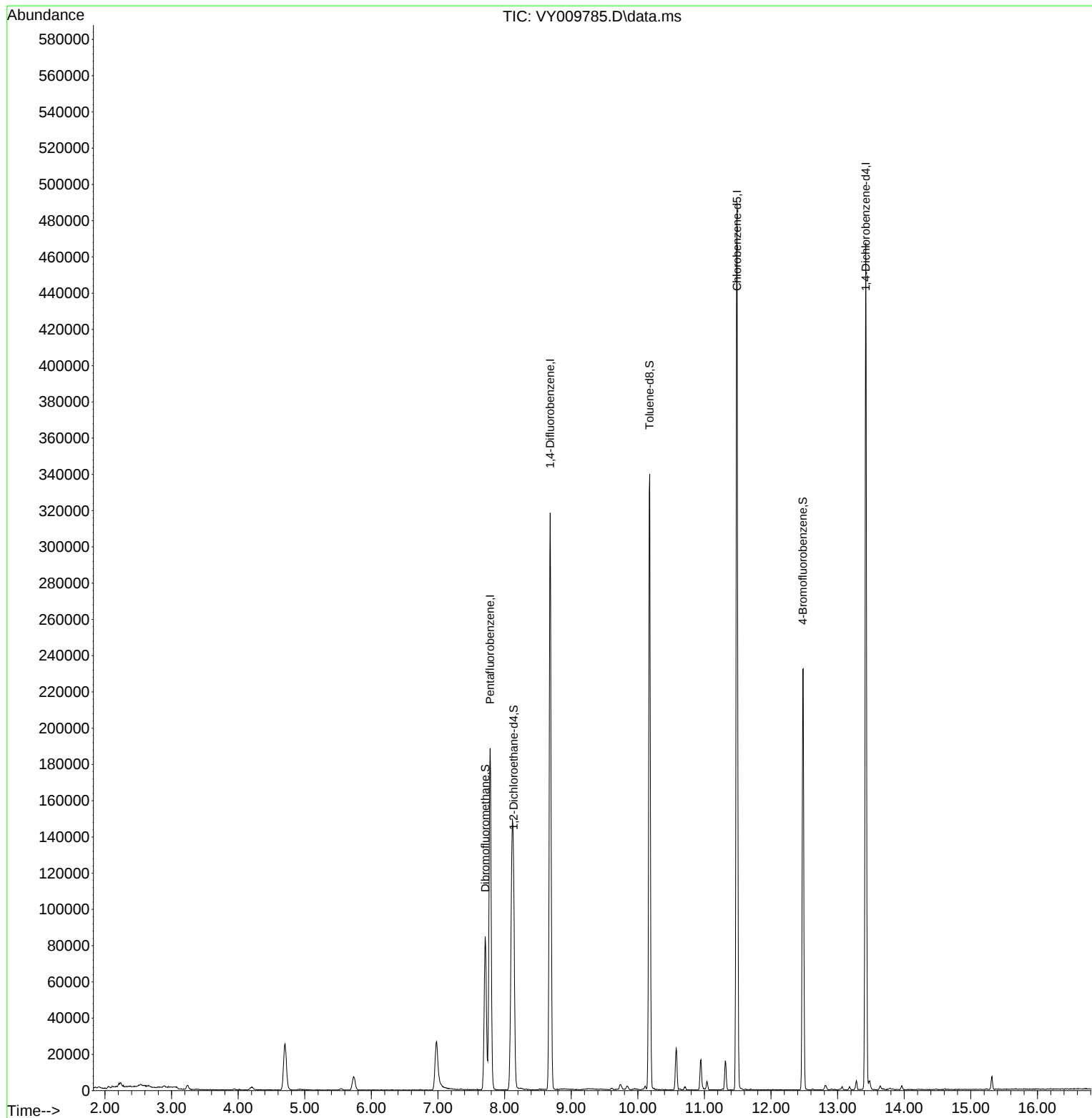
Target Compounds	Qvalue

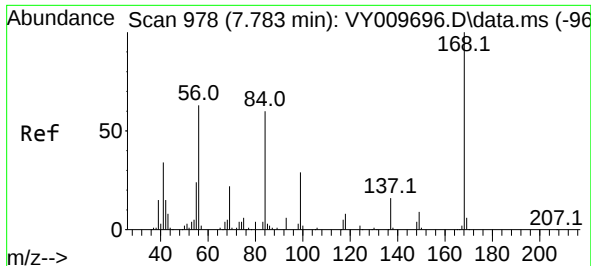
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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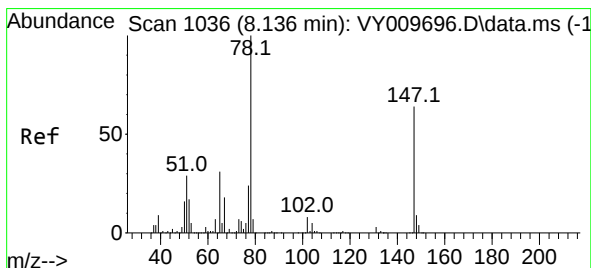
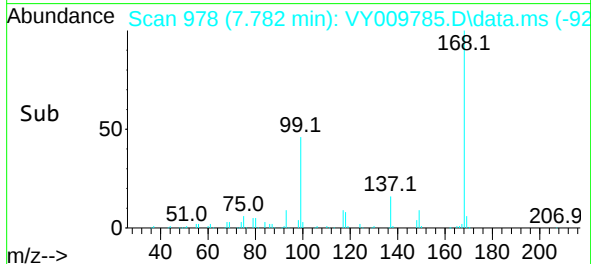
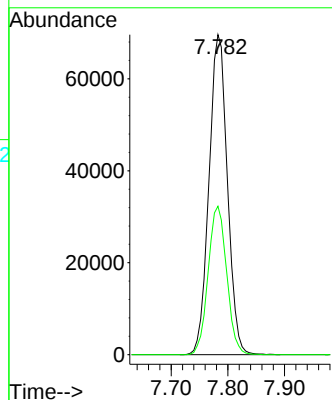
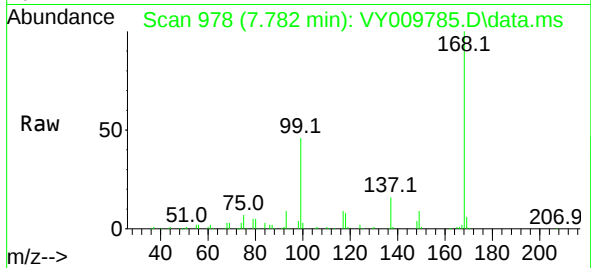




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

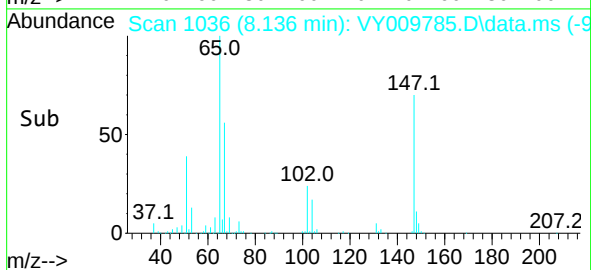
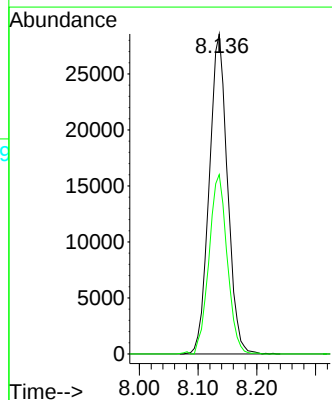
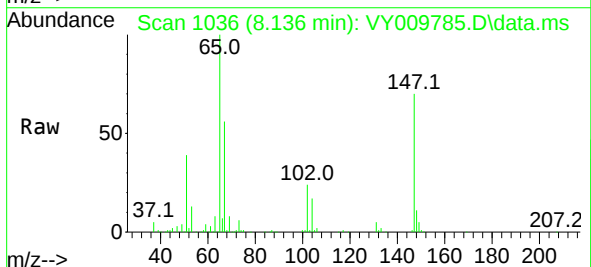
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

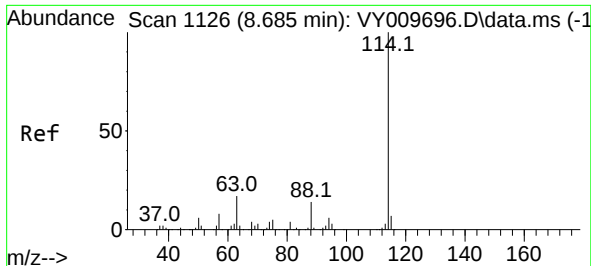
Tgt Ion:168 Resp: 156972
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 60.040 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 65 Resp: 61647
Ion Ratio Lower Upper
65 100
67 56.1 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: VY009785.D

Acq: 29 Jul 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

RVE-124

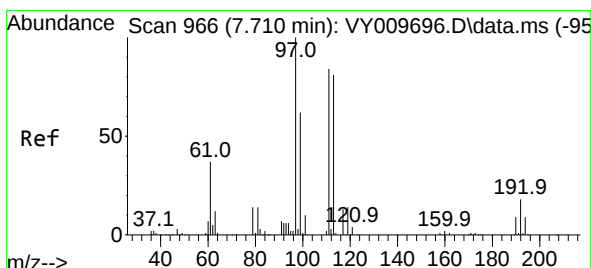
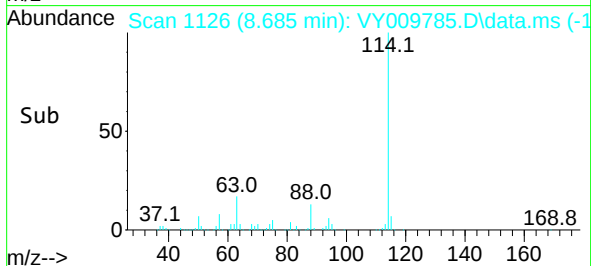
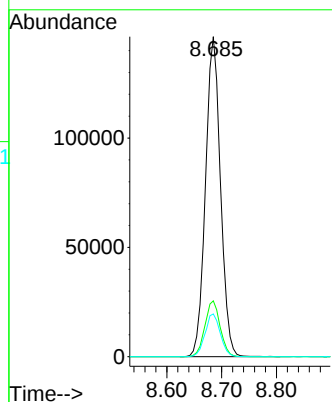
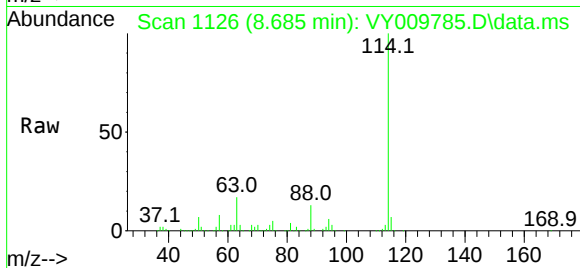
Tgt Ion:114 Resp: 276818

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.389 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009785.D

Acq: 29 Jul 2022 20:10

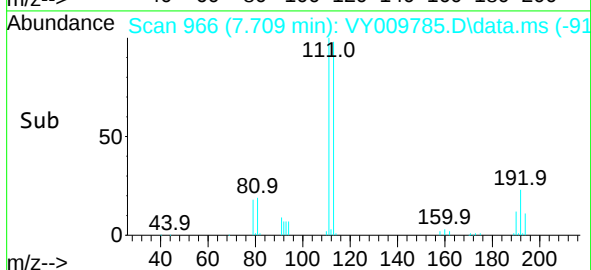
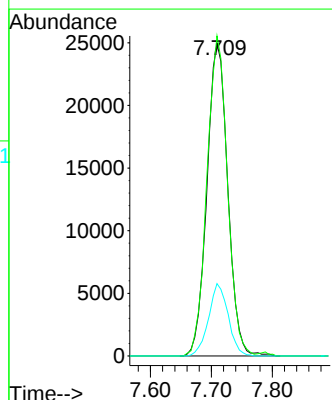
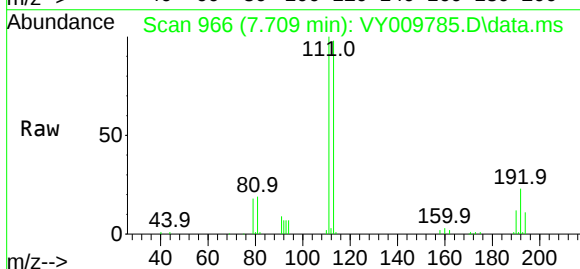
Tgt Ion:113 Resp: 59302

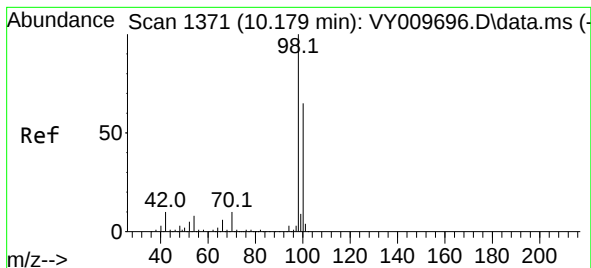
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 21.7 17.6 26.4

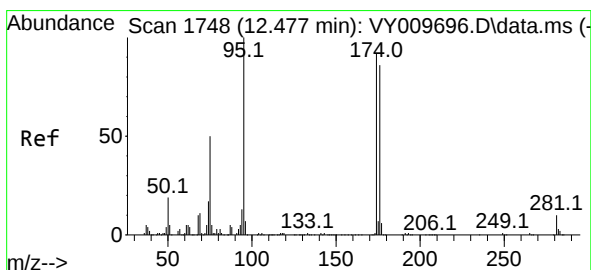
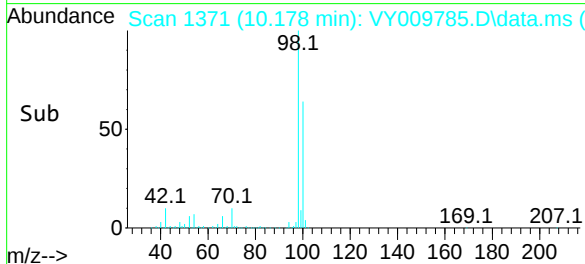
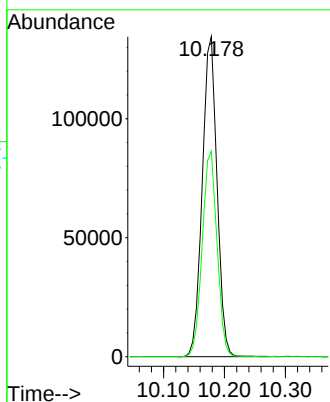
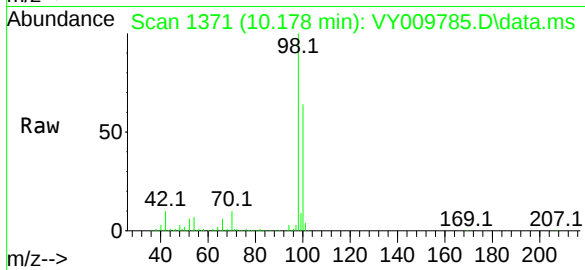




#50
Toluene-d8
Concen: 51.817 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

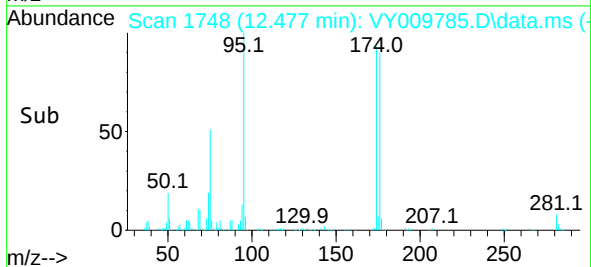
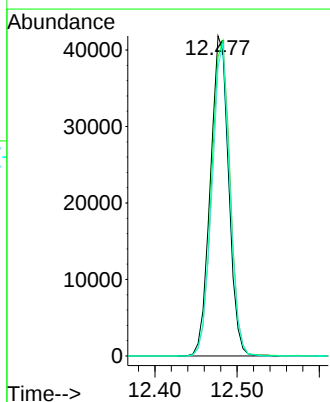
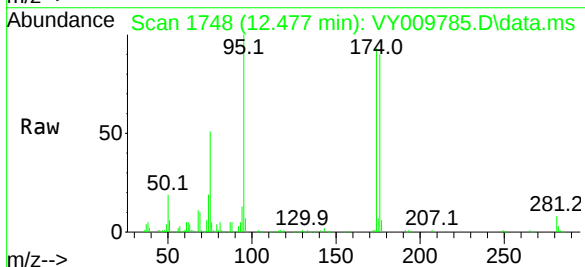
Instrument :
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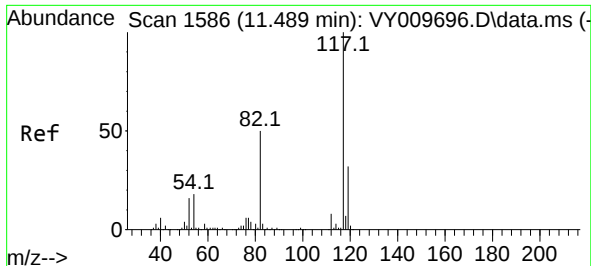
Tgt Ion: 98 Resp: 226525
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 95 Resp: 64645
Ion Ratio Lower Upper
95 100
174 99.6 0.0 177.0
176 94.9 0.0 175.8

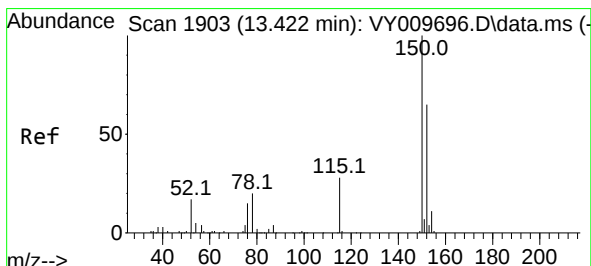
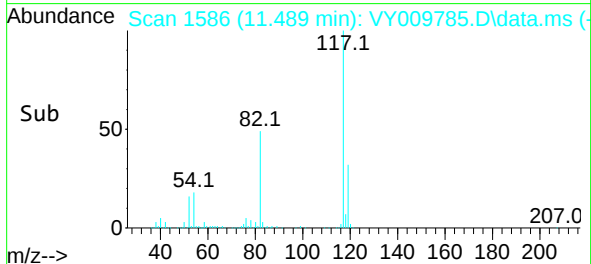
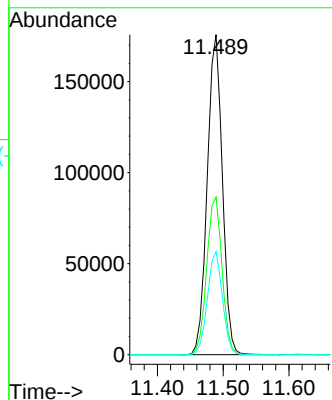
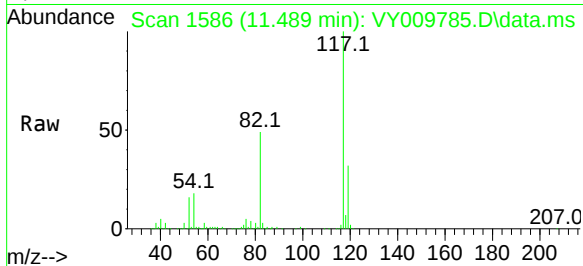




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

Tgt Ion:117 Resp: 280923
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.3 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: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion:152 Resp: 122861
Ion Ratio Lower Upper
152 100
115 52.8 28.2 84.7
150 156.1 0.0 347.6

