

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009835.D
 Acq On : 04 Aug 2022 16:21
 Operator : KP/MD
 Sample : N3961-14
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-180

Quant Time: Aug 05 01:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

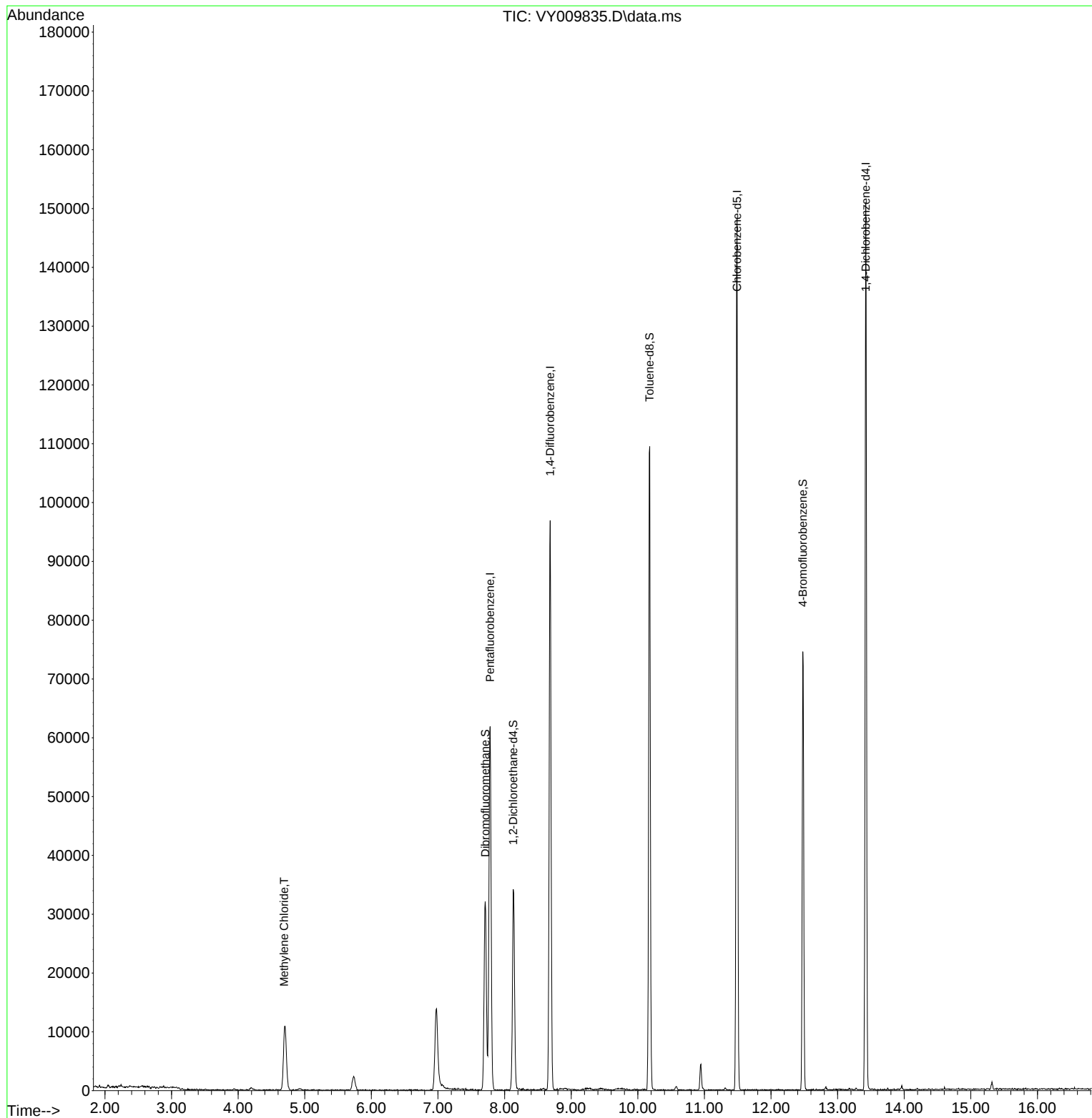
Internal Standards						
1) Pentafluorobenzene	7.783	168	47797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24304	63.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.980%
35) Dibromofluoromethane	7.710	113	22465	45.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.760%
50) Toluene-d8	10.179	98	69220	47.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.477	95	21339	32.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	64.360%
Target Compounds						
20) Methylene Chloride	4.692	84	8111	6.011	ug/l	Qvalue 92

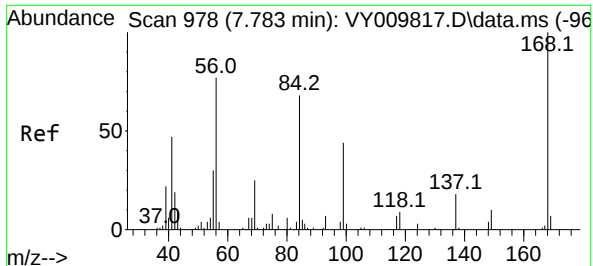
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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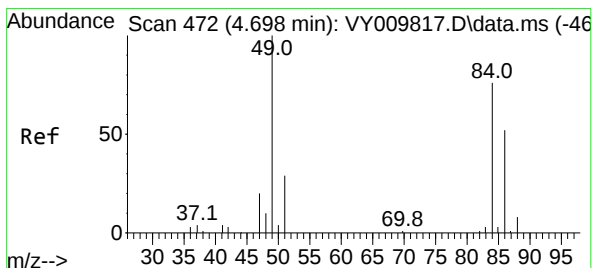
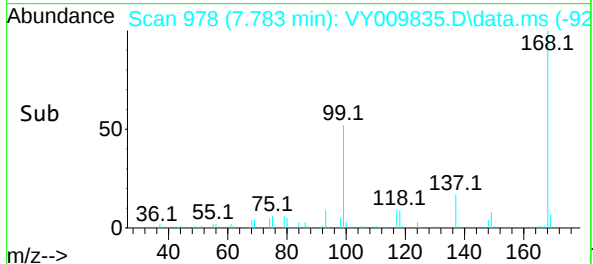
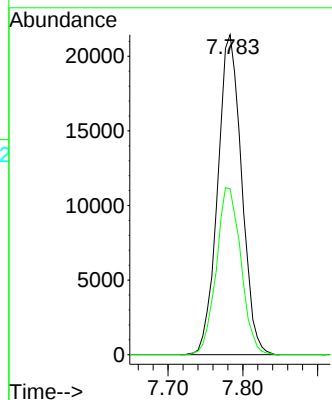
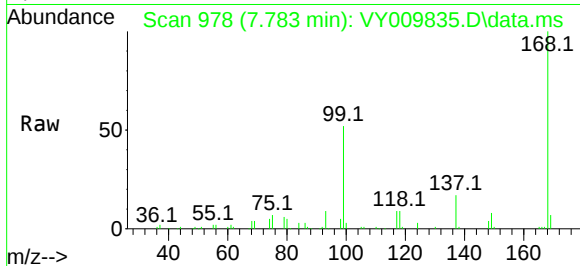




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

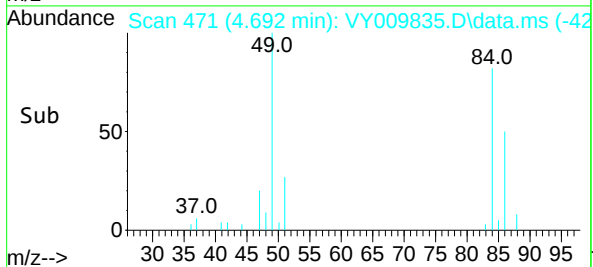
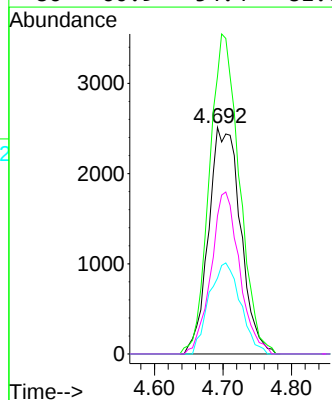
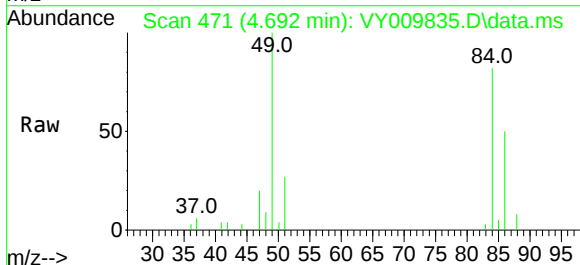
Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

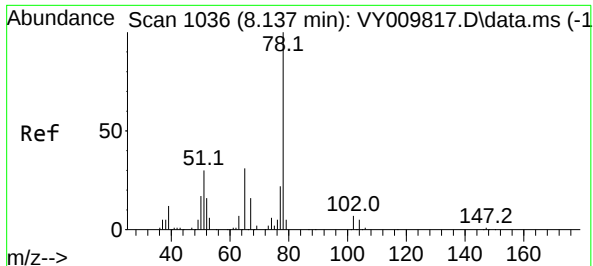
Tgt Ion:168 Resp: 47797
Ion Ratio Lower Upper
168 100
99 51.8 44.7 67.1



#20
Methylene Chloride
Concen: 6.011 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion: 84 Resp: 8111
Ion Ratio Lower Upper
84 100
49 122.5 104.6 156.8
51 33.5 30.9 46.3
86 60.9 54.4 81.6





#33

1,2-Dichloroethane-d4

Concen: 63.493 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

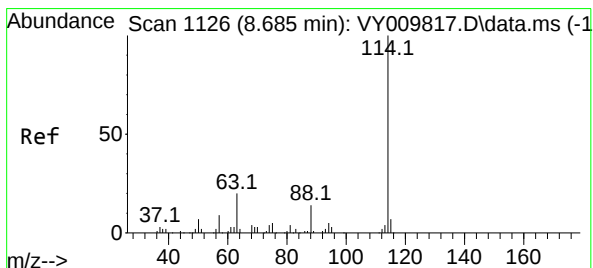
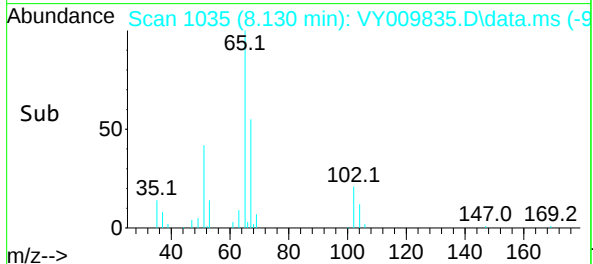
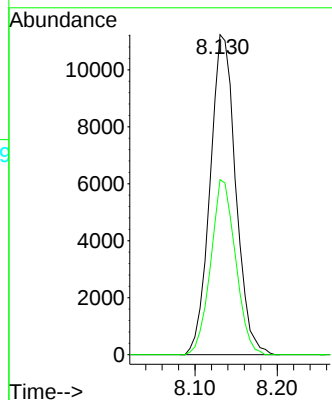
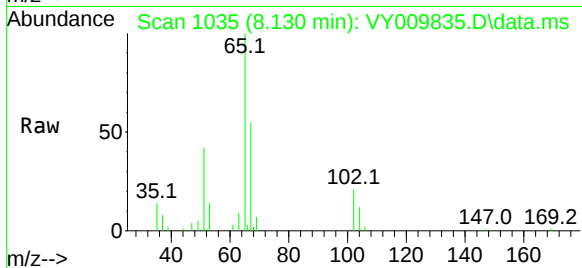
RVE-180

Tgt Ion: 65 Resp: 24304

Ion Ratio Lower Upper

65 100

67 52.9 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

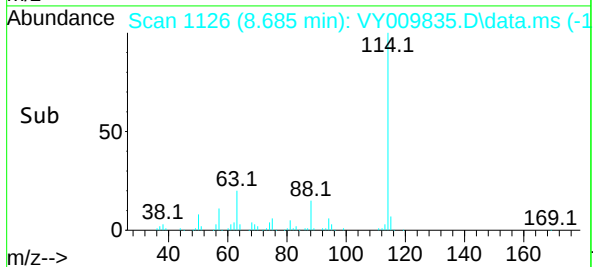
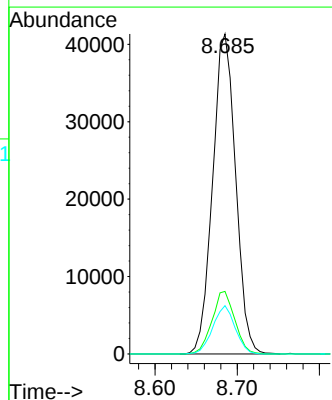
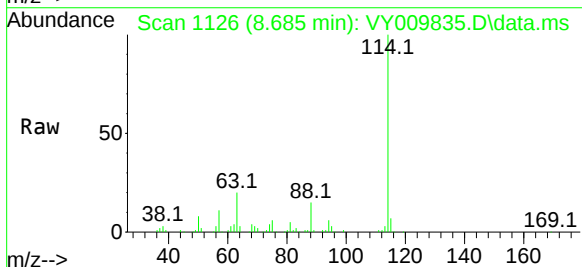
Tgt Ion: 114 Resp: 80308

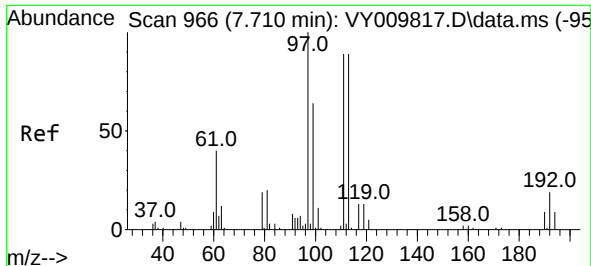
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.1 0.0 27.6





#35

Dibromofluoromethane

Concen: 45.880 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009835.D

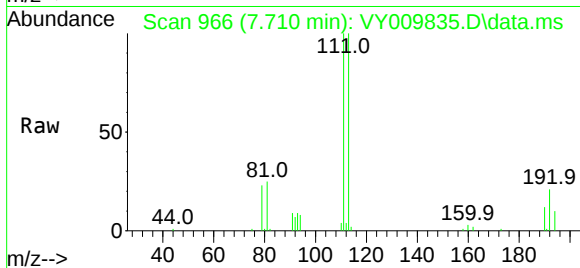
Acq: 04 Aug 2022 16:21

Instrument :

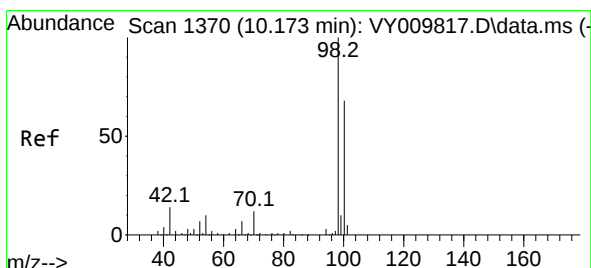
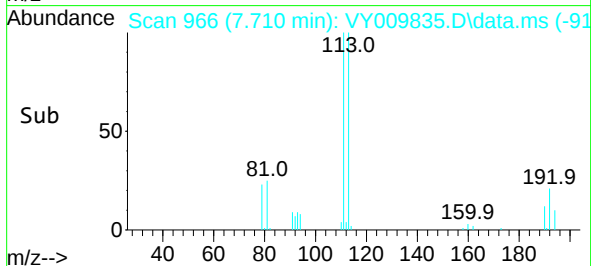
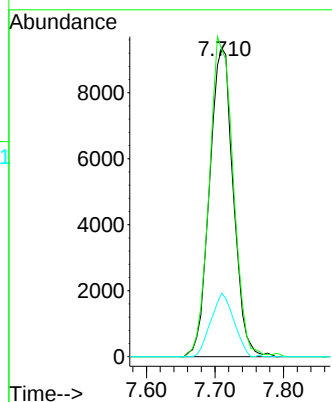
MSVOA_Y

ClientSampleId :

RVE-180



Tgt Ion:	113	Resp:	22465
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.4	123.6
192	19.9	16.5	24.7



#50

Toluene-d8

Concen: 47.856 ug/l

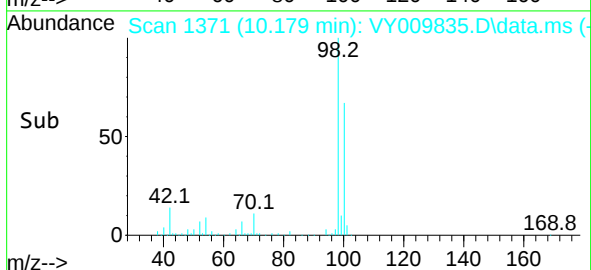
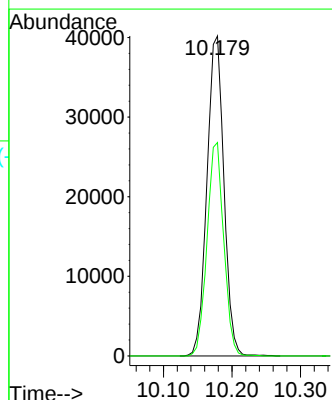
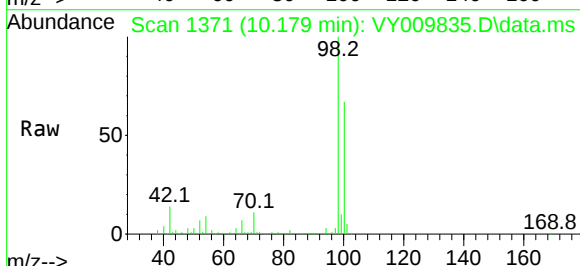
RT: 10.179 min Scan# 1371

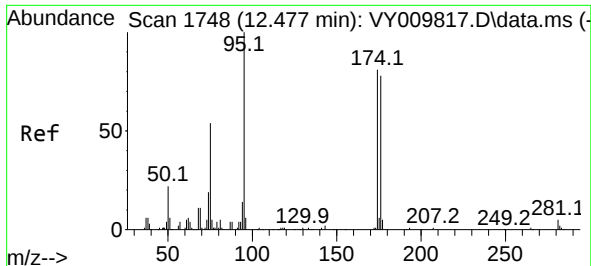
Delta R.T. 0.006 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Tgt Ion:	98	Resp:	69220
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.2

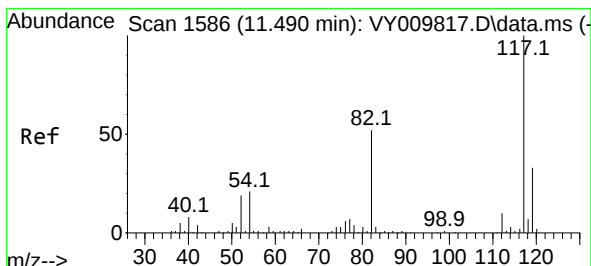
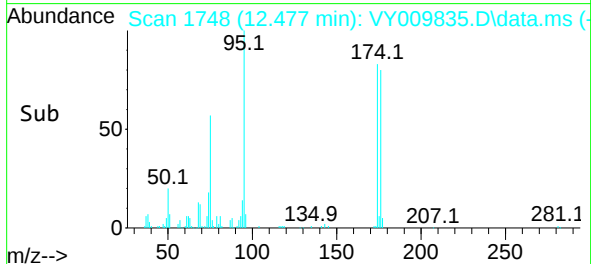
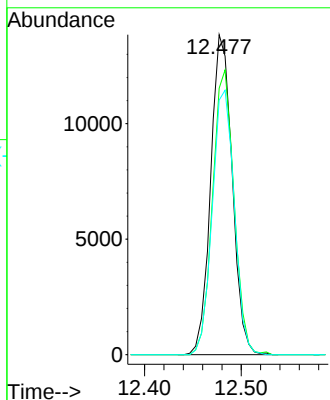
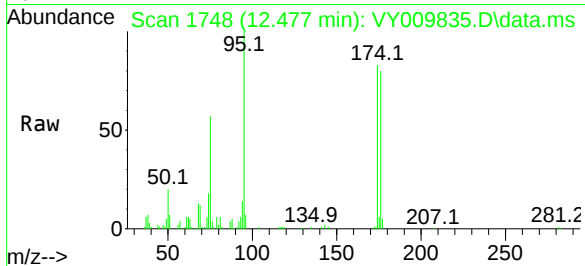




#62
4-Bromofluorobenzene
Concen: 32.183 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

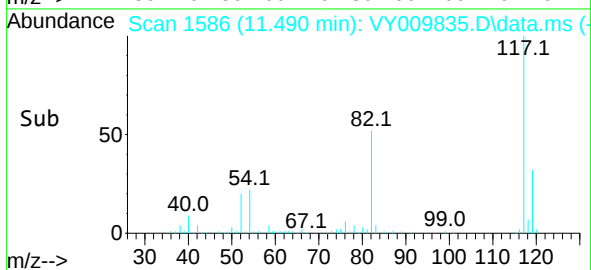
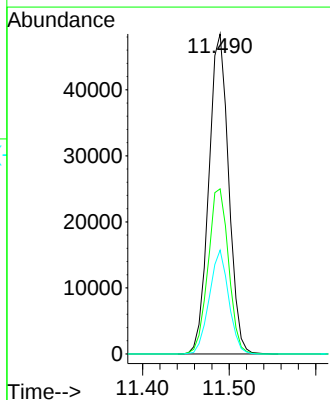
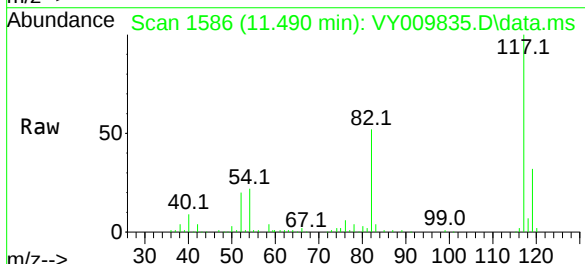
Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

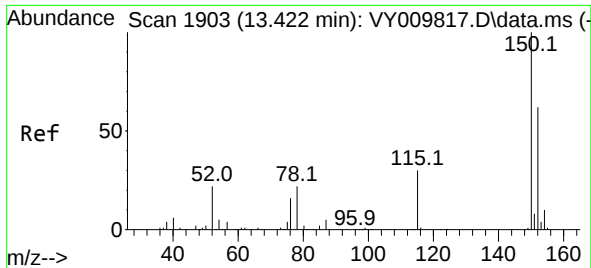
Tgt Ion:	95	Resp:	21339
Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	168.6
176	84.8	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion:	117	Resp:	77077
Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.7	62.5
119	32.4	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009835.D
 Acq: 04 Aug 2022 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-180

Tgt Ion:152 Resp: 36949
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.9 86.7
 150 155.9 0.0 354.2

