

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009747.D
 Acq On : 28 Jul 2022 13:40
 Operator : KP/MD
 Sample : N3894-17
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-36

Quant Time: Jul 29 02:56:21 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)

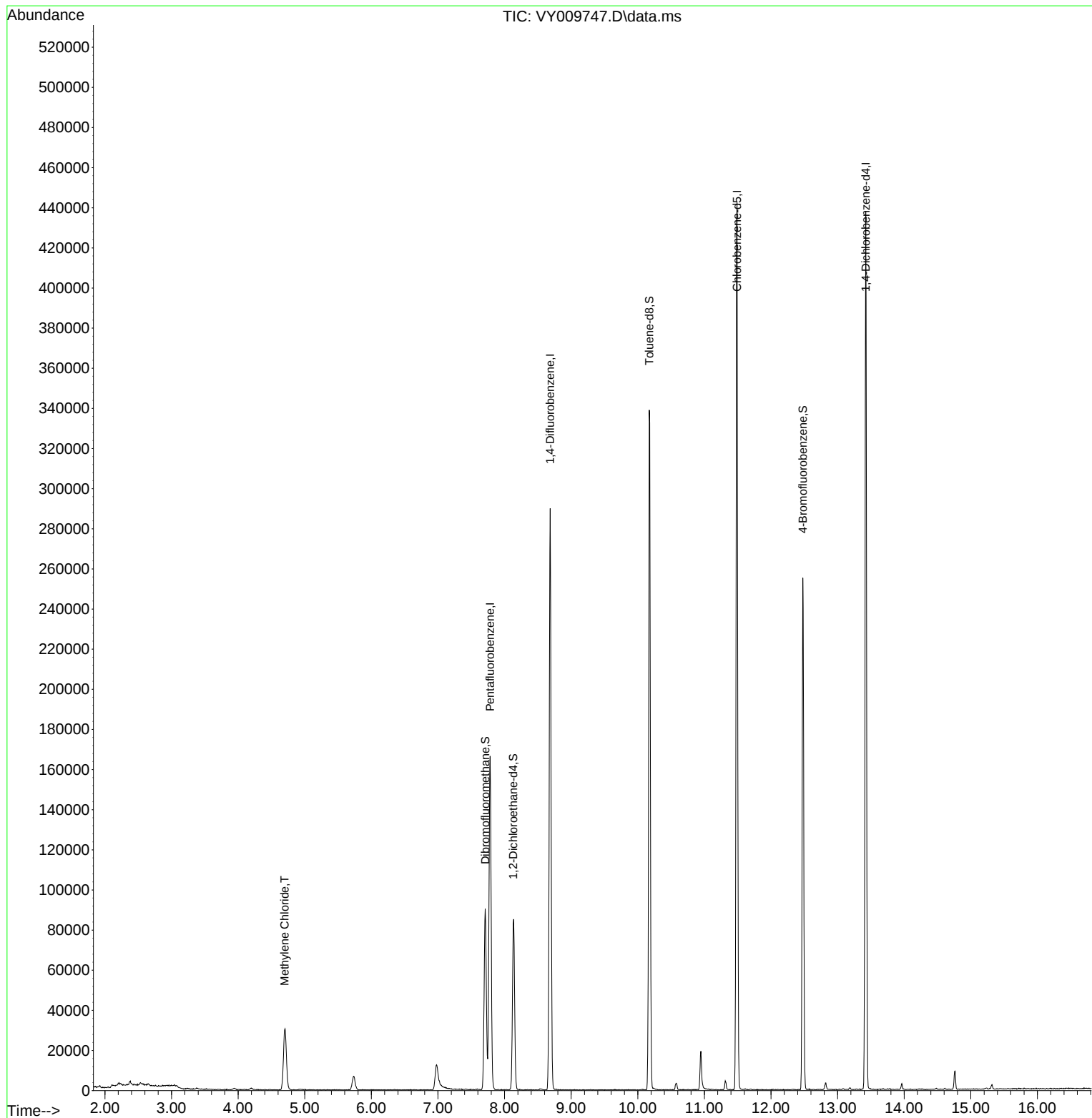
Internal Standards						
1) Pentafluorobenzene	7.783	168	139036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65937	73.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.400%
35) Dibromofluoromethane	7.710	113	62931	46.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.660%
50) Toluene-d8	10.173	98	224179	57.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.580%
62) 4-Bromofluorobenzene	12.477	95	72171	40.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	80.140%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	23806	6.492	ug/l #	85

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

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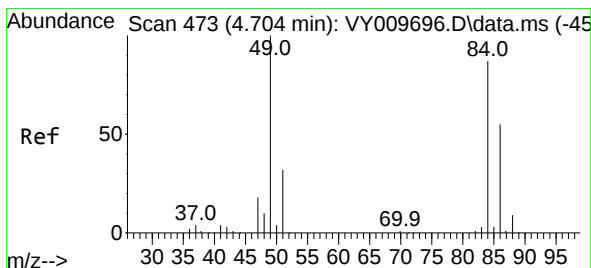
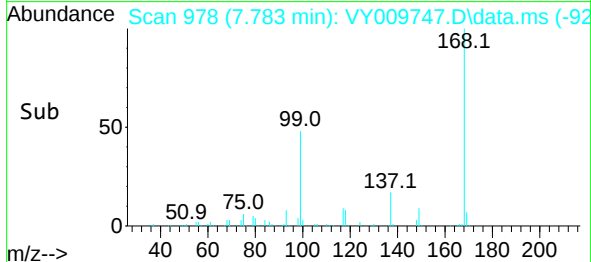
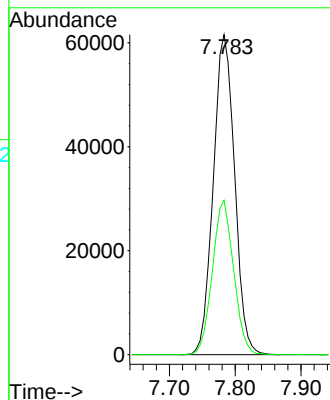
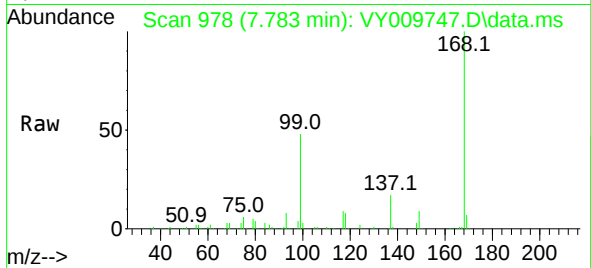




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

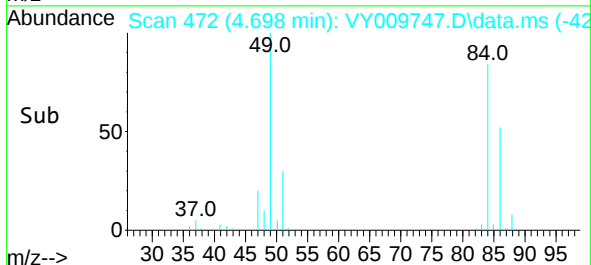
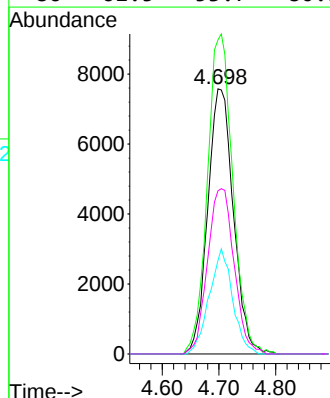
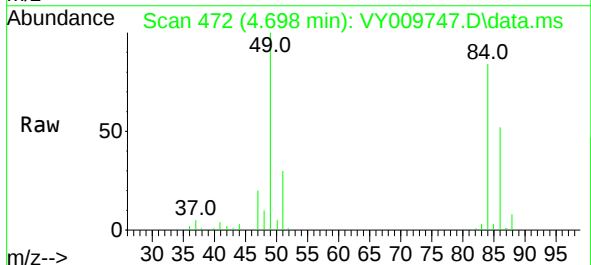
Instrument :
MSVOA_Y
ClientSampleId :
RVE-36

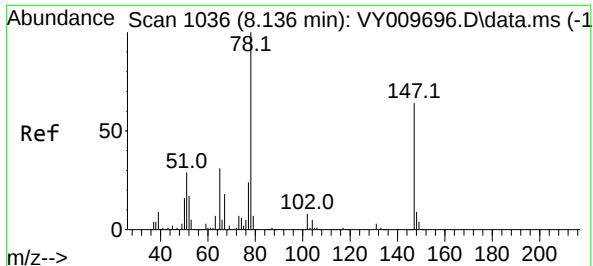
Tgt Ion:168 Resp: 139036
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#20
Methylene Chloride
Concen: 6.492 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Tgt Ion: 84 Resp: 23806
Ion Ratio Lower Upper
84 100
49 118.5 114.4 171.6
51 35.2 35.3 52.9#
86 61.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 73.696 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009747.D

Acq: 28 Jul 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

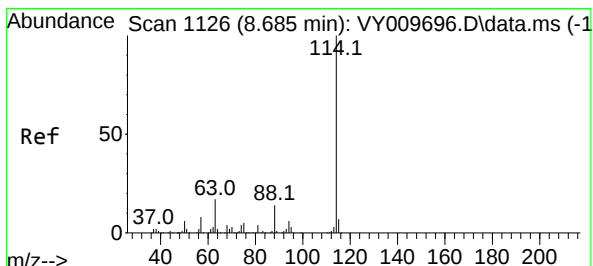
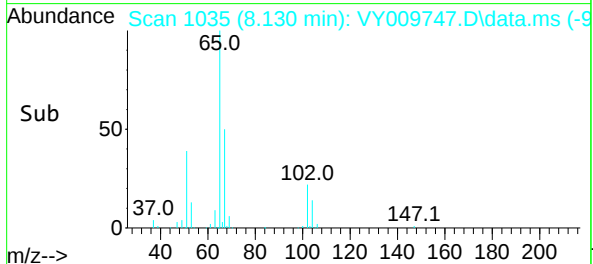
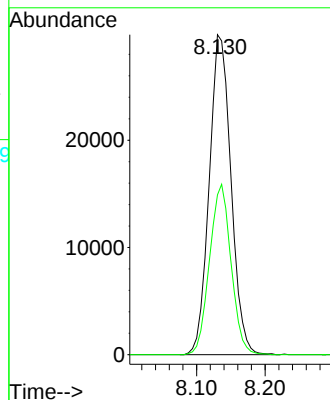
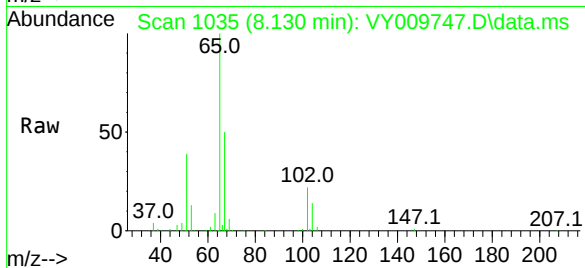
RVE-36

Tgt Ion: 65 Resp: 65937

Ion Ratio Lower Upper

65 100

67 52.6 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: VY009747.D

Acq: 28 Jul 2022 13:40

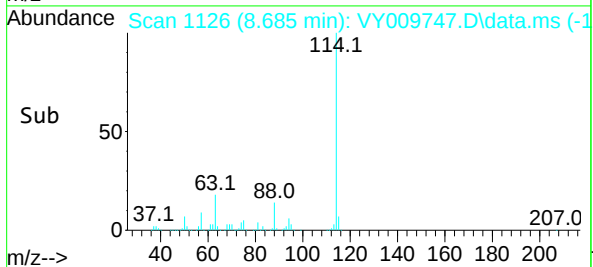
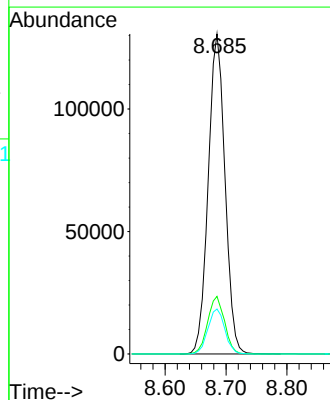
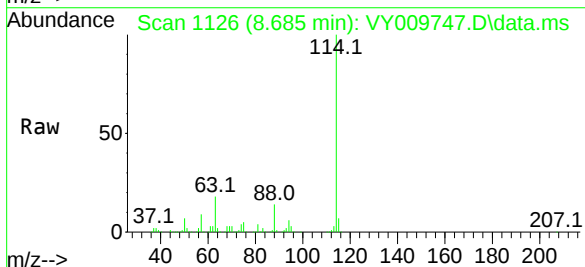
Tgt Ion: 114 Resp: 249740

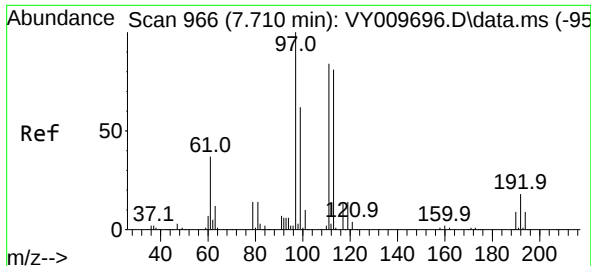
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.0 0.0 31.8



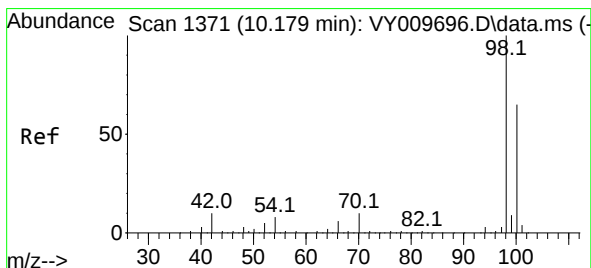
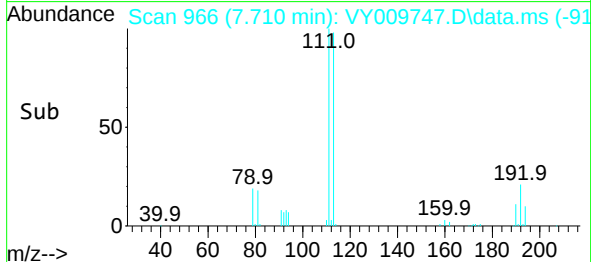
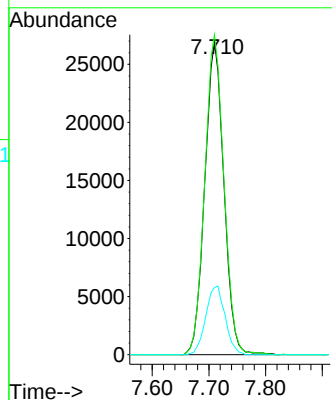
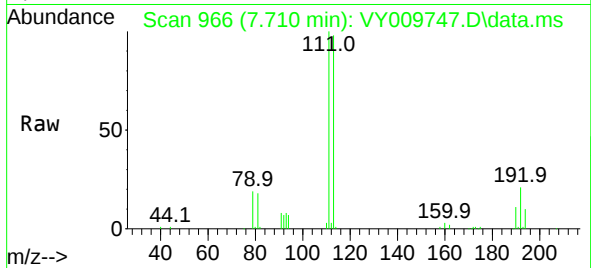


#35
Dibromofluoromethane
Concen: 46.332 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
RVE-36

Tgt Ion:113 Resp: 62931

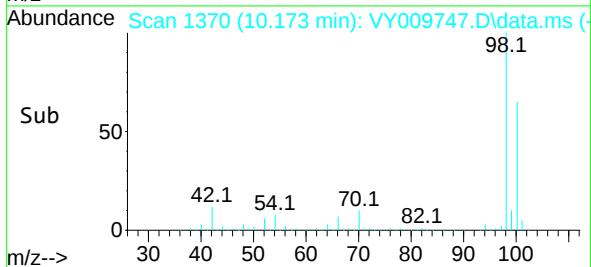
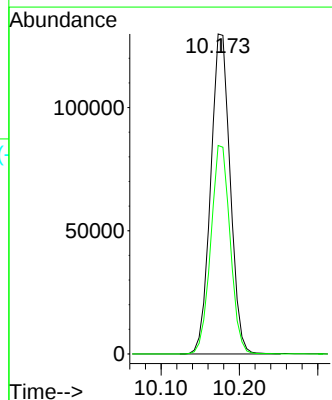
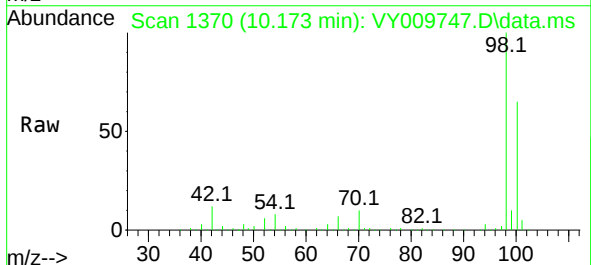
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	22.2	17.6	26.4

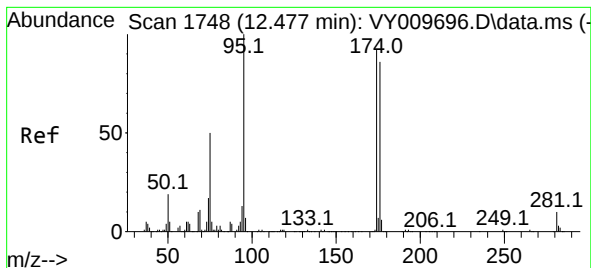


#50
Toluene-d8
Concen: 57.290 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

Tgt Ion: 98 Resp: 224179

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2

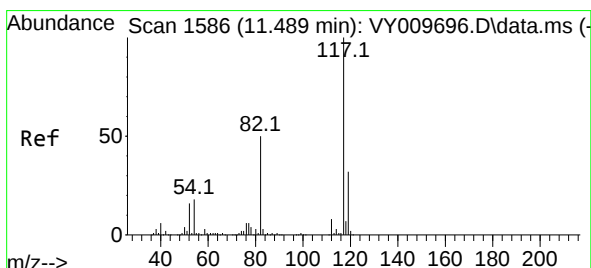
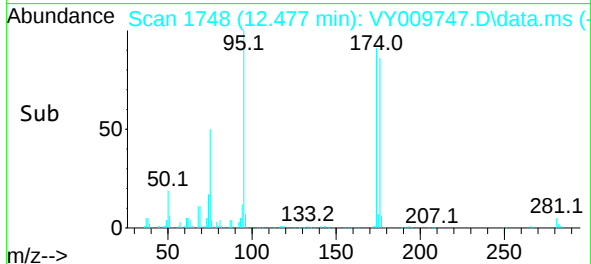
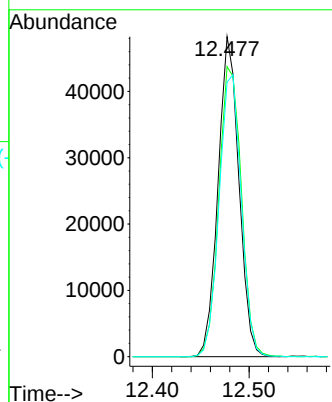
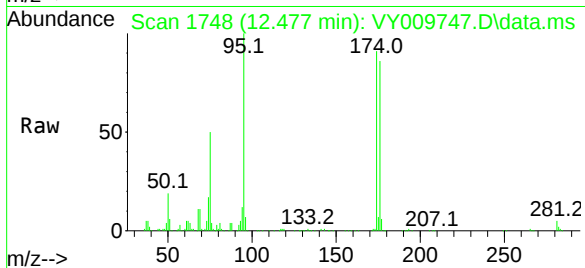




#62
4-Bromofluorobenzene
Concen: 40.072 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

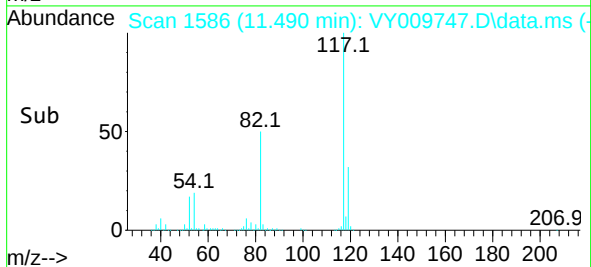
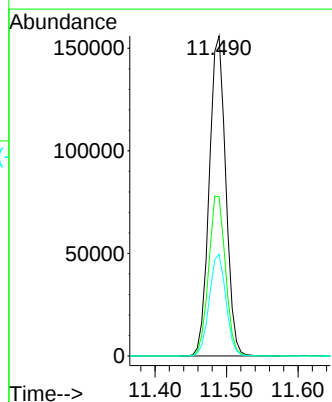
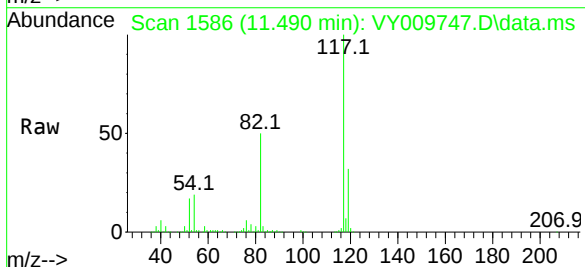
Instrument :
MSVOA_Y
ClientSampleId :
RVE-36

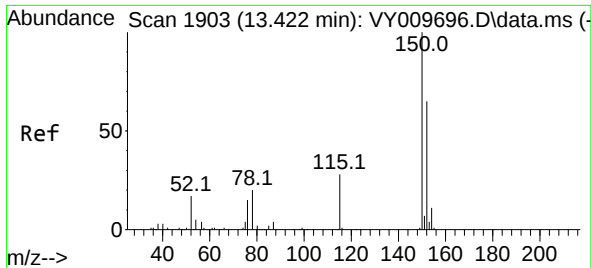
Tgt Ion: 95 Resp: 72171
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 93.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009747.D
Acq: 28 Jul 2022 13:40

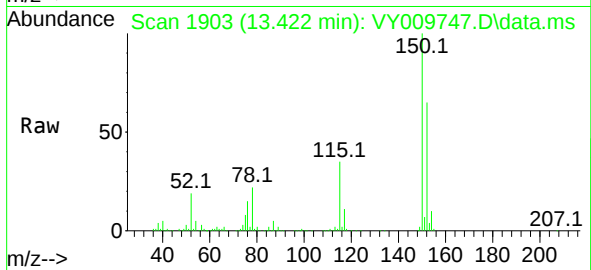
Tgt Ion: 117 Resp: 249790
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009747.D
 Acq: 28 Jul 2022 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-36



Tgt Ion:152 Resp: 118869
 Ion Ratio Lower Upper
 152 100
 115 53.2 28.2 84.7
 150 156.4 0.0 347.6

