

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009746.D
 Acq On : 28 Jul 2022 13:17
 Operator : KP/MD
 Sample : N3894-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-28

Quant Time: Jul 29 02:56:11 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)

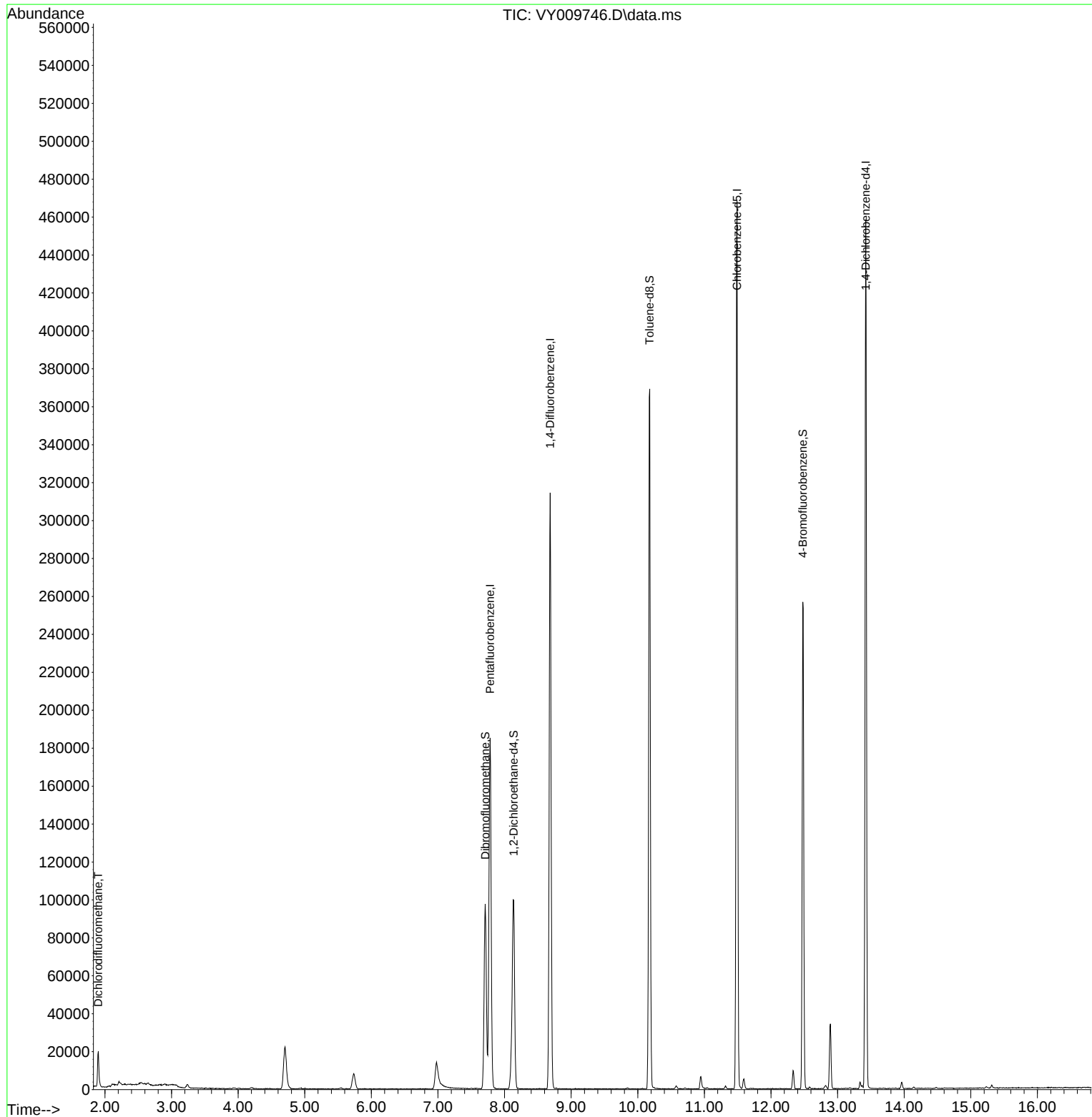
Internal Standards						
1) Pentafluorobenzene	7.783	168	154289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73423	73.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.940%
35) Dibromofluoromethane	7.710	113	68317	45.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.920%
50) Toluene-d8	10.179	98	245341	56.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.240%
62) 4-Bromofluorobenzene	12.477	95	74473	37.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14461	10.528	ug/l	89

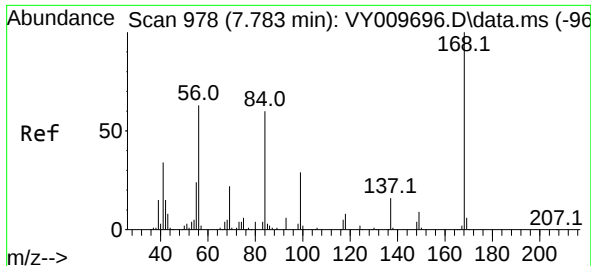
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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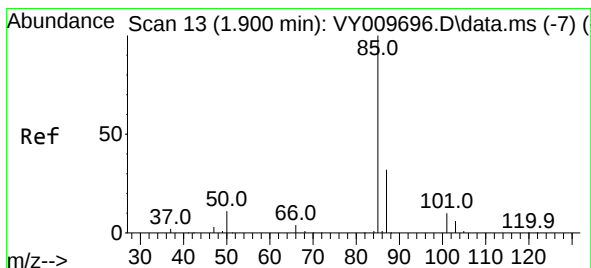
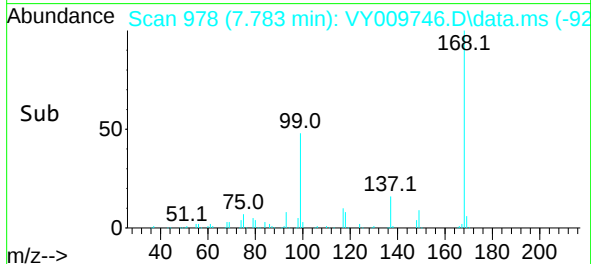
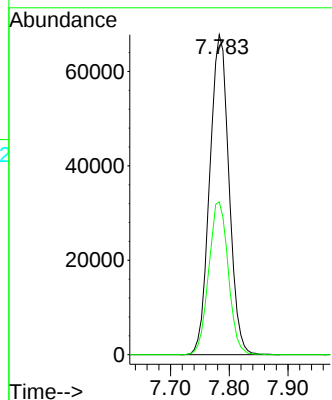
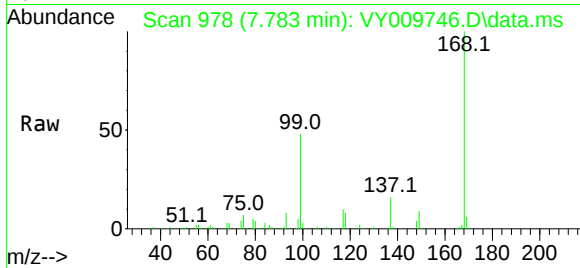




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

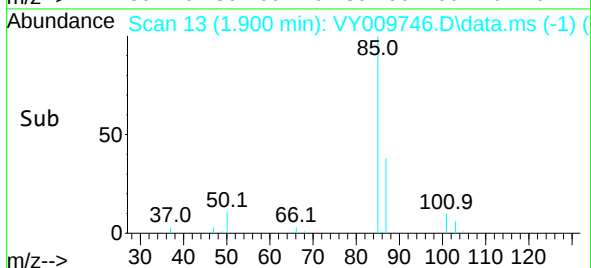
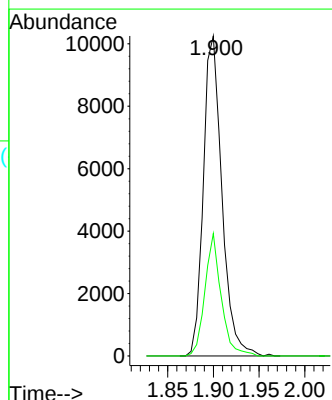
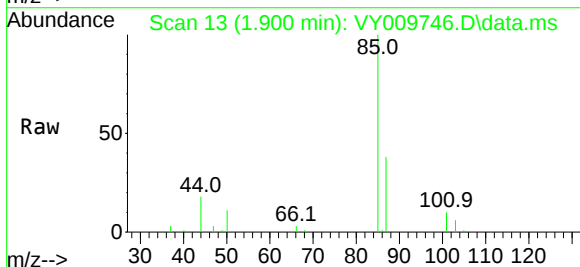
Instrument :
MSVOA_Y
ClientSampleId :
RVE-28

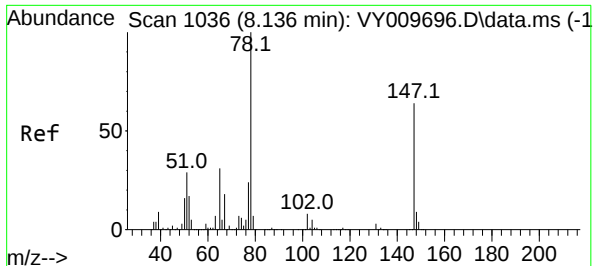
Tgt Ion:168 Resp: 154289
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 10.528 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 85 Resp: 14461
Ion Ratio Lower Upper
85 100
87 38.2 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 73.970 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009746.D

Acq: 28 Jul 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

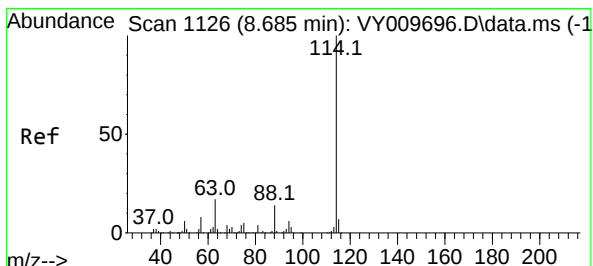
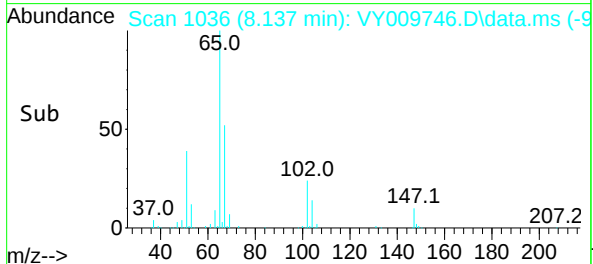
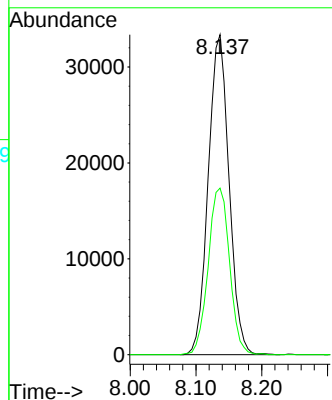
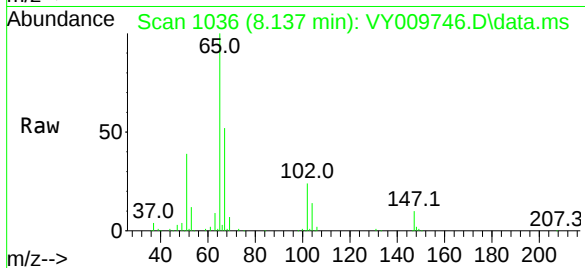
RVE-28

Tgt Ion: 65 Resp: 73423

Ion Ratio Lower Upper

65 100

67 53.5 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: VY009746.D

Acq: 28 Jul 2022 13:17

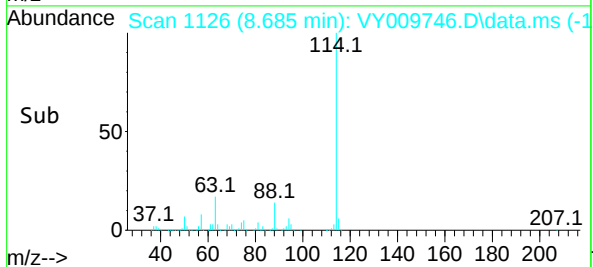
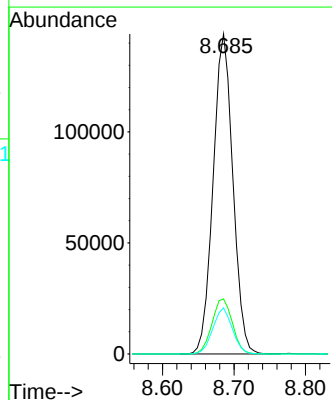
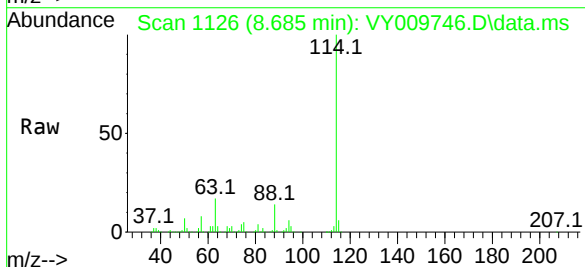
Tgt Ion:114 Resp: 276313

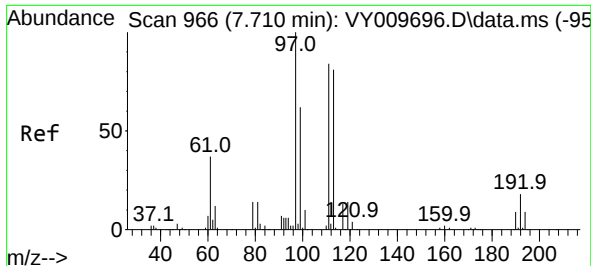
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.4 0.0 31.8

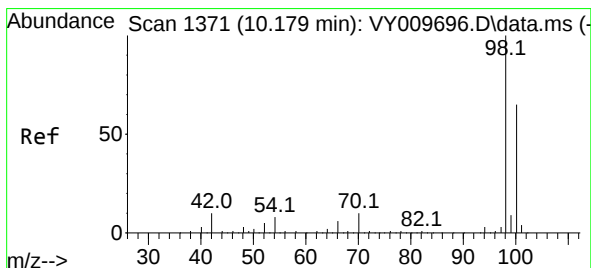
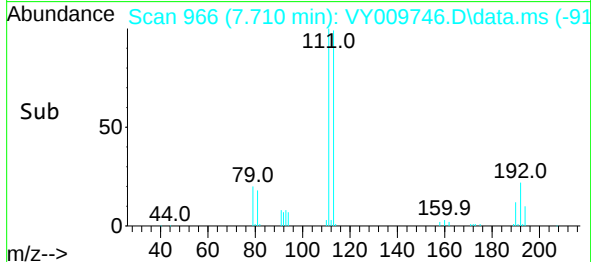
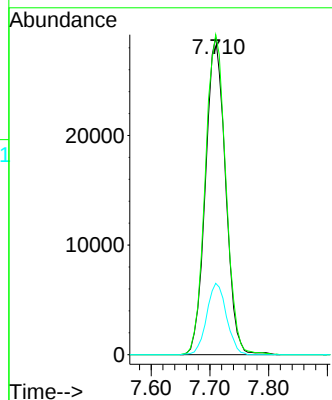
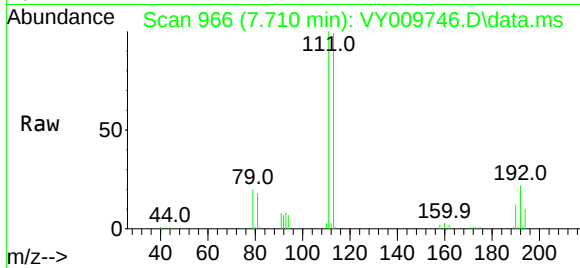




#35
Dibromofluoromethane
Concen: 45.460 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

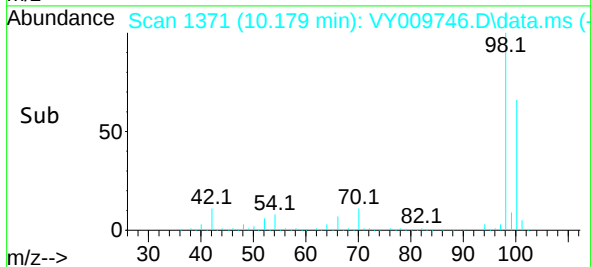
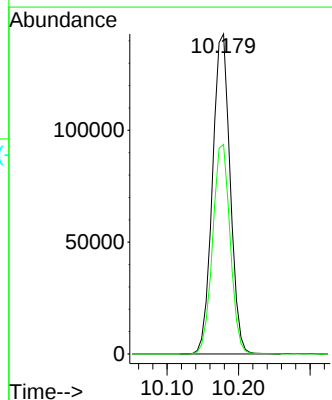
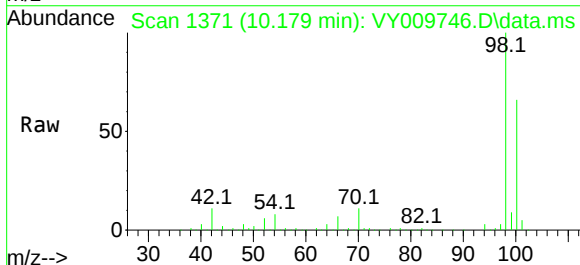
Instrument :
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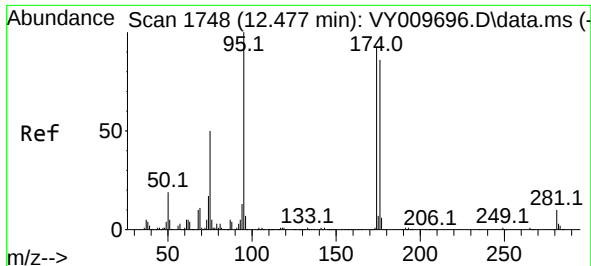
Tgt Ion:113 Resp: 68317
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 22.3 17.6 26.4



#50
Toluene-d8
Concen: 56.618 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 98 Resp: 245341
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

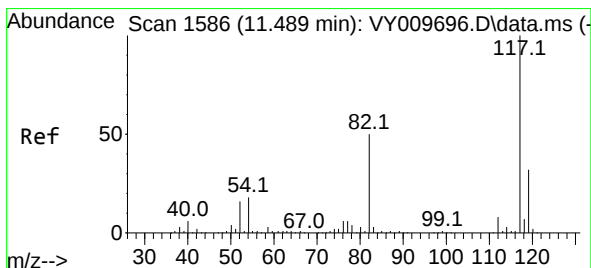
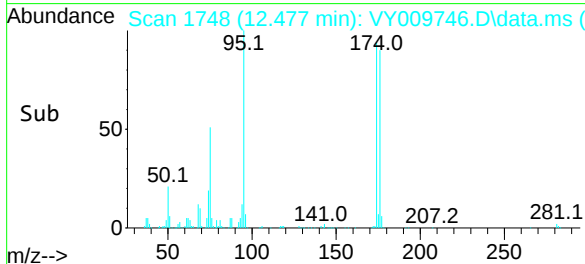
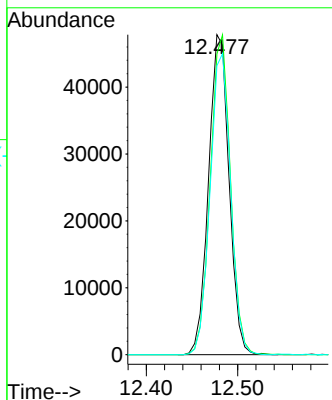
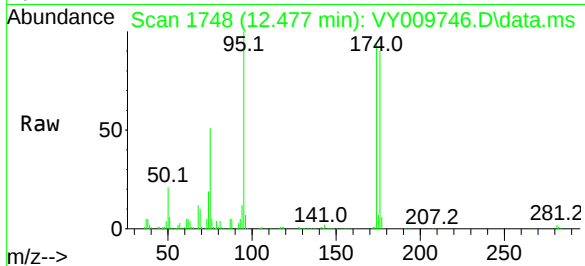




#62
4-Bromofluorobenzene
Concen: 37.373 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

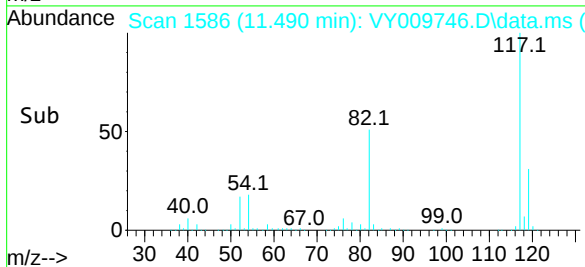
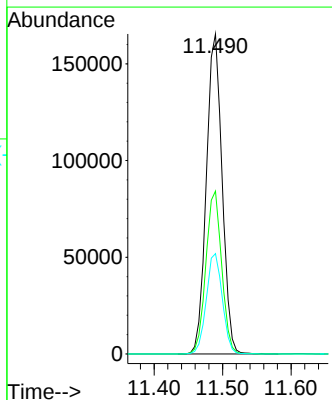
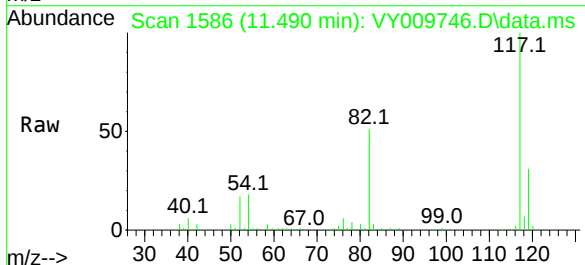
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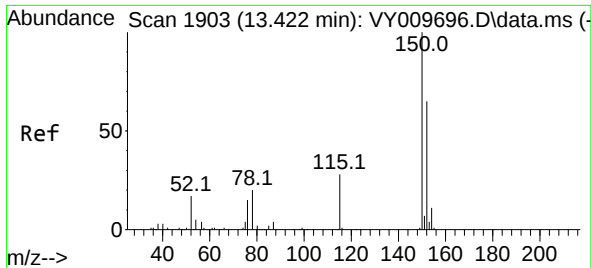
Tgt Ion: 95 Resp: 74473
Ion Ratio Lower Upper
95 100
174 98.3 0.0 177.0
176 94.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 117 Resp: 264402
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.3 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: VY009746.D

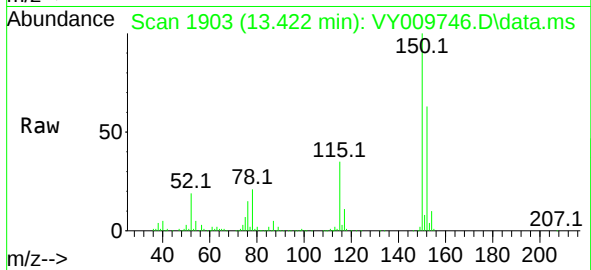
Acq: 28 Jul 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

RVE-28



Tgt Ion:152 Resp: 122407

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.5 0.0 347.6

