

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011187.D
 Acq On : 29 Oct 2022 04:15
 Operator : KP/MD
 Sample : N5310-11
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-7

Quant Time: Oct 29 06:48:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

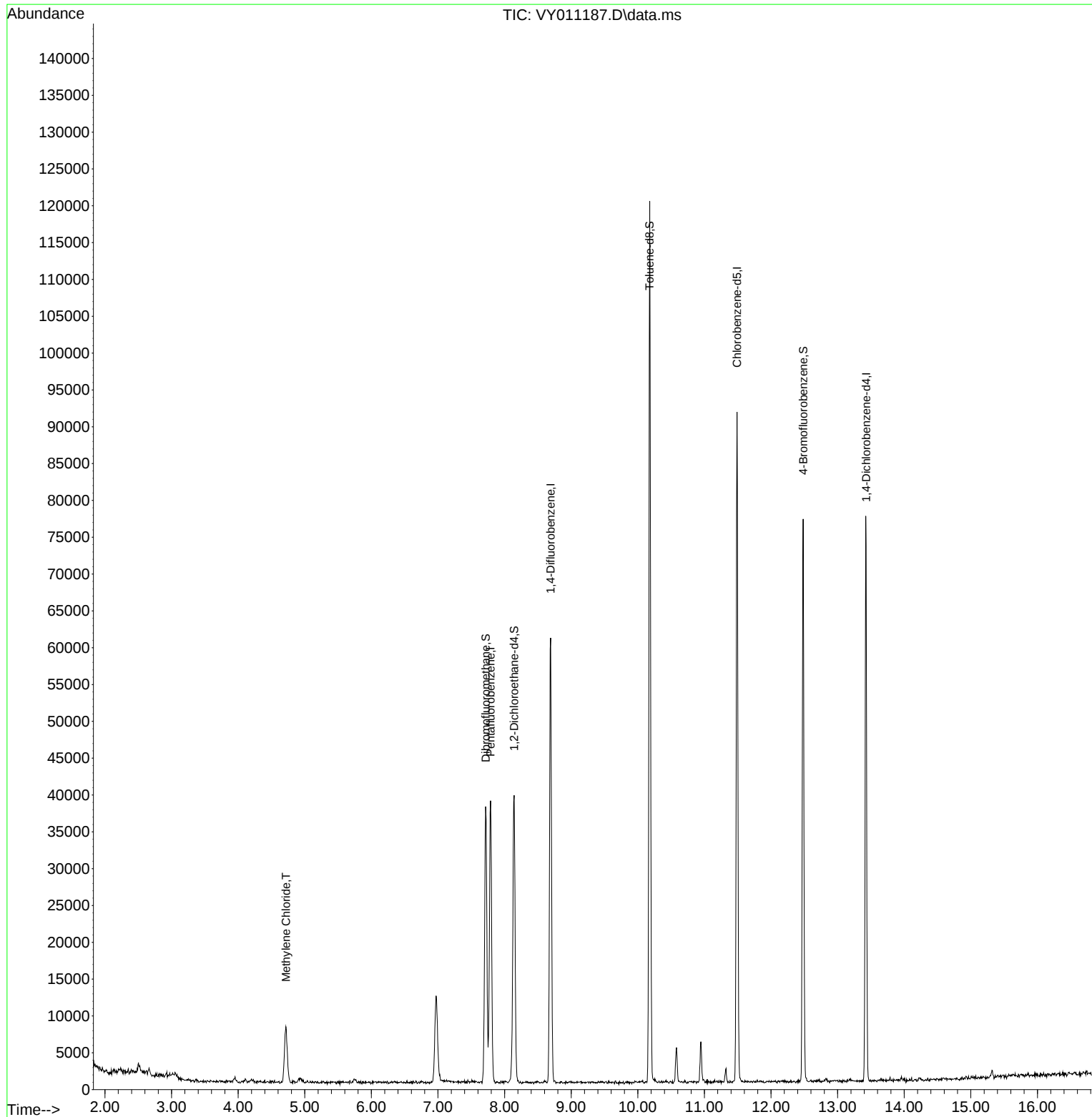
Internal Standards						
1) Pentafluorobenzene	7.789	168	30747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	53095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	30424	95.694	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	191.380%#	
35) Dibromofluoromethane	7.716	113	26907	81.184	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	162.360%#	
50) Toluene-d8	10.179	98	78831	60.037	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	120.080%	
62) 4-Bromofluorobenzene	12.483	95	23233	54.076	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.160%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	5787	13.030	ug/l	83

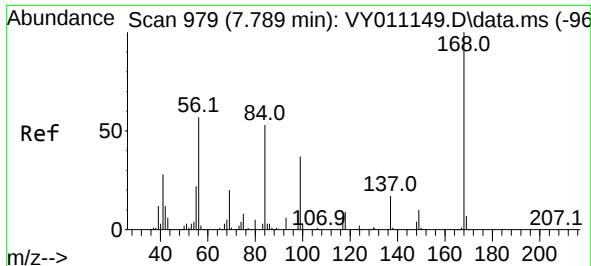
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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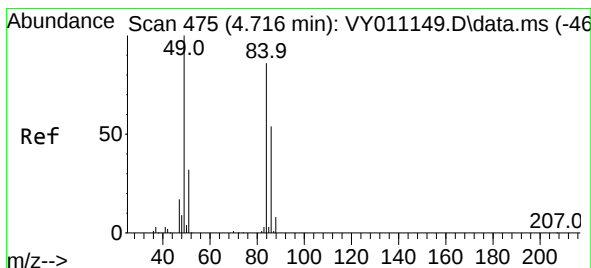
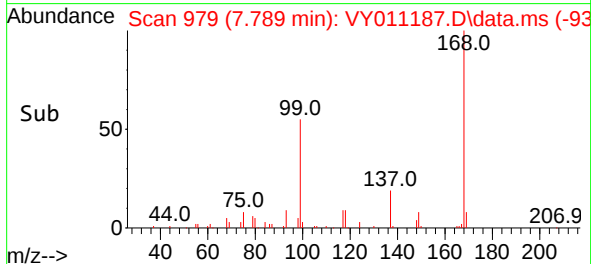
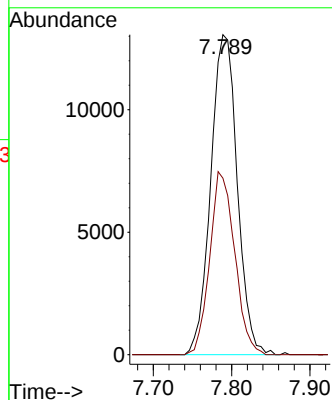
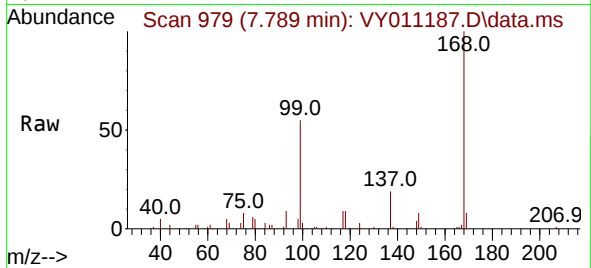




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011187.D
Acq: 29 Oct 2022 04:15

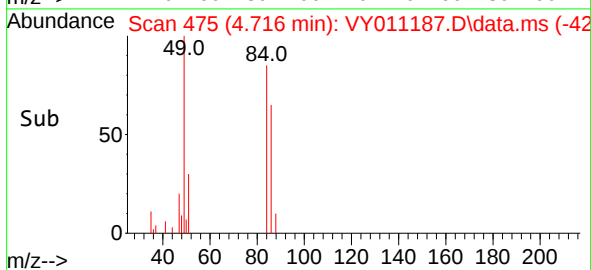
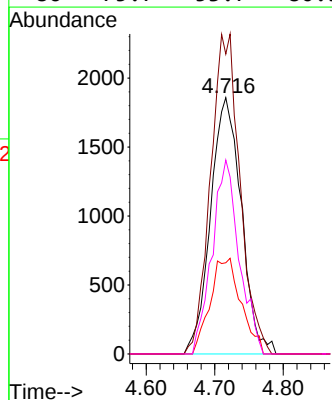
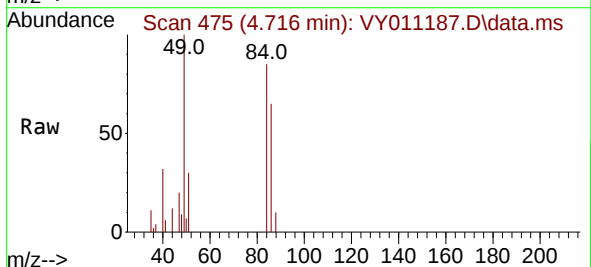
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-7

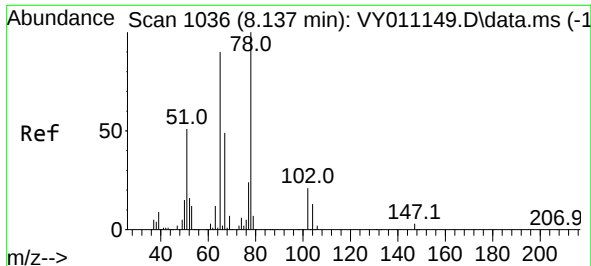
Tgt Ion:168 Resp: 30747
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#20
Methylene Chloride
Concen: 13.030 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011187.D
Acq: 29 Oct 2022 04:15

Tgt Ion: 84 Resp: 5787
Ion Ratio Lower Upper
84 100
49 117.0 114.4 171.6
51 35.6 35.3 52.9
86 75.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 95.694 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.005 min

Lab File: VY011187.D

Acq: 29 Oct 2022 04:15

Instrument :

MSVOA_Y

ClientSampleId :

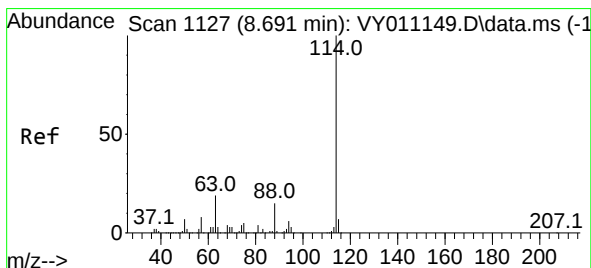
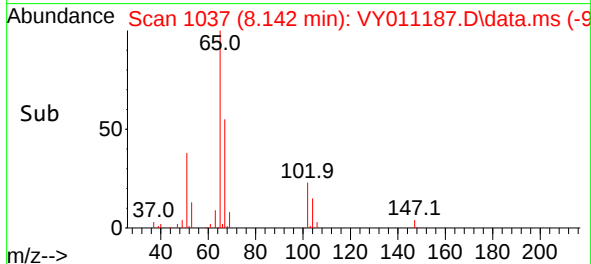
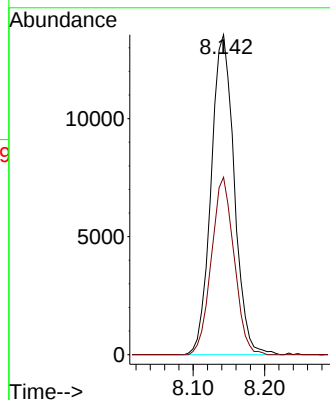
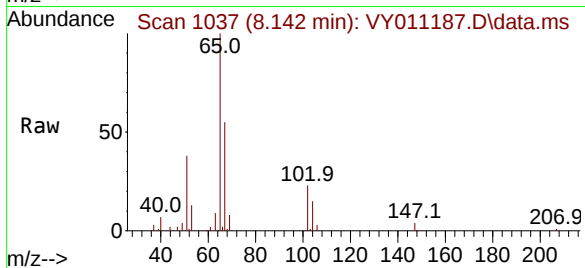
BIN 1-2-(2840)-VOC-7

Tgt Ion: 65 Resp: 30424

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011187.D

Acq: 29 Oct 2022 04:15

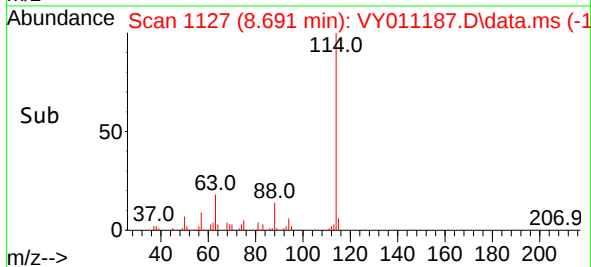
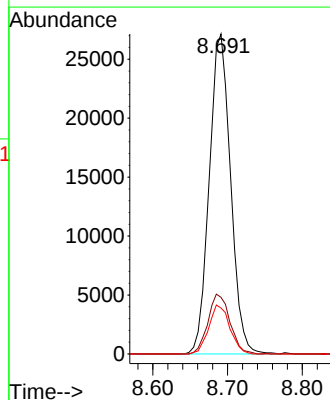
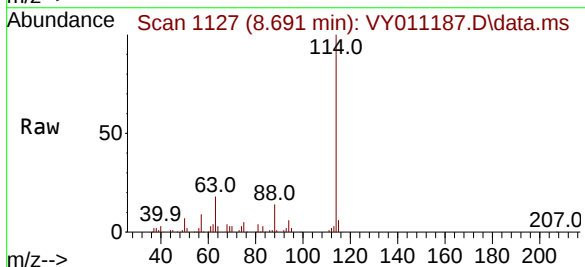
Tgt Ion: 114 Resp: 53895

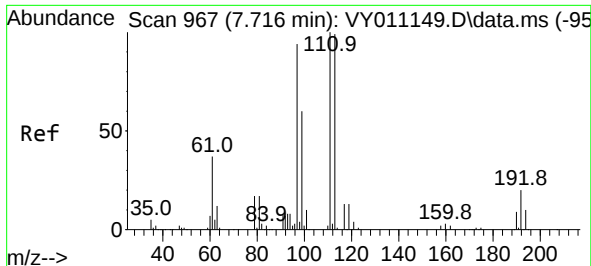
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.3 0.0 31.8

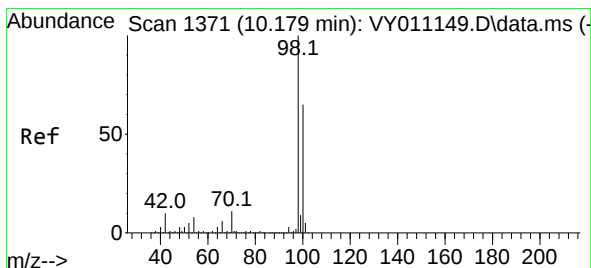
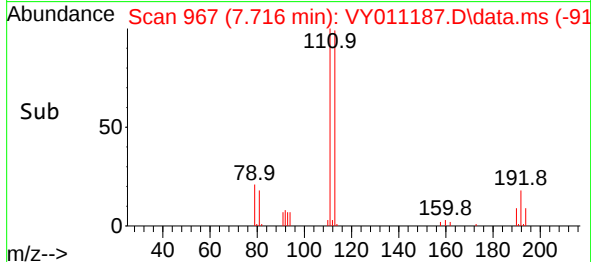
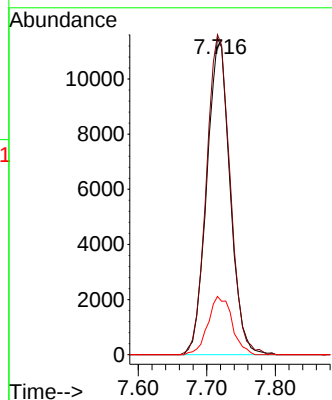
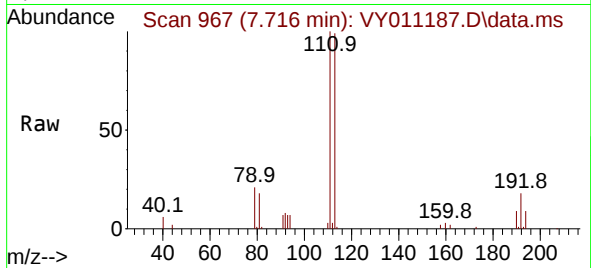




#35
Dibromofluoromethane
Concen: 81.184 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011187.D
Acq: 29 Oct 2022 04:15

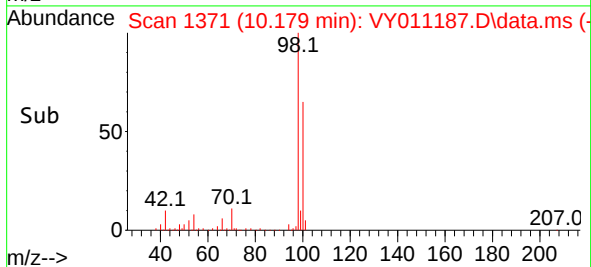
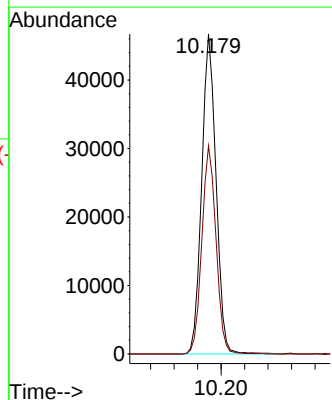
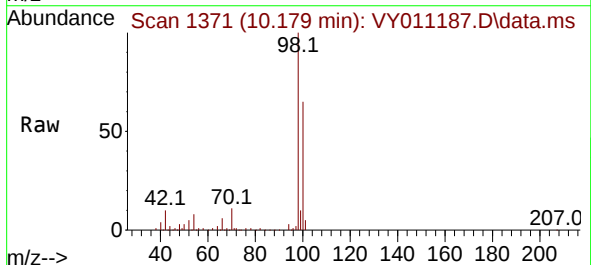
Instrument :
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ClientSampleId :
BIN 1-2-(2840)-VOC-7

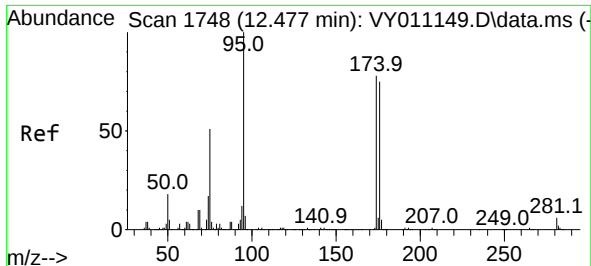
Tgt Ion:113 Resp: 26907
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 60.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011187.D
Acq: 29 Oct 2022 04:15

Tgt Ion: 98 Resp: 78831
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

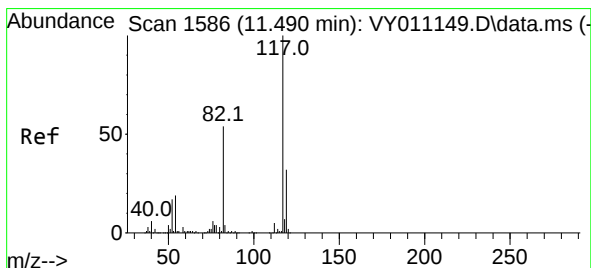
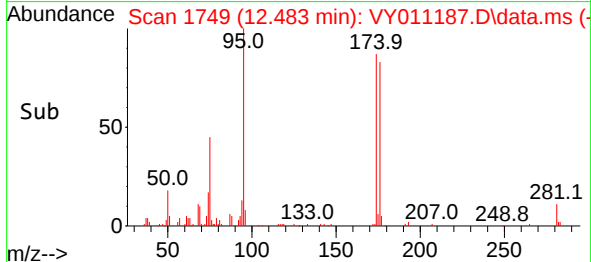
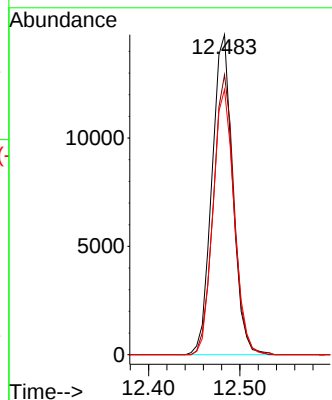
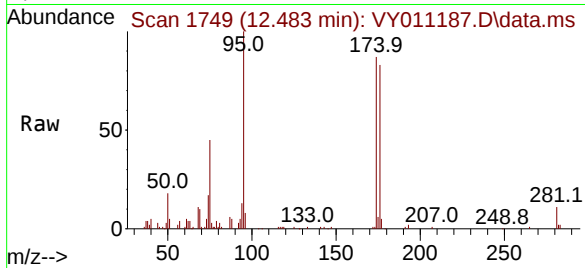




#62
4-Bromofluorobenzene
Concen: 54.076 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011187.D
Acq: 29 Oct 2022 04:15

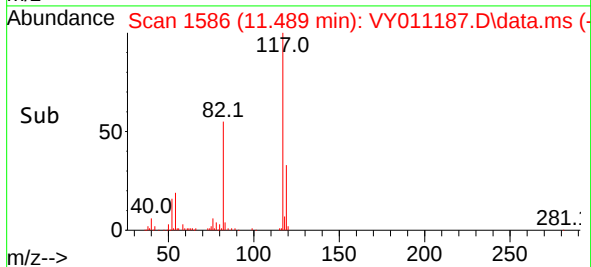
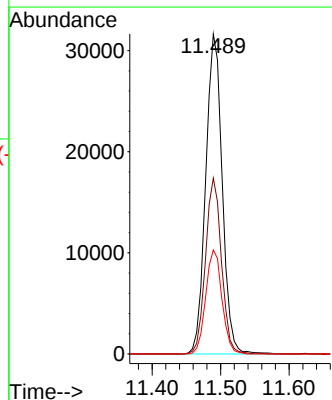
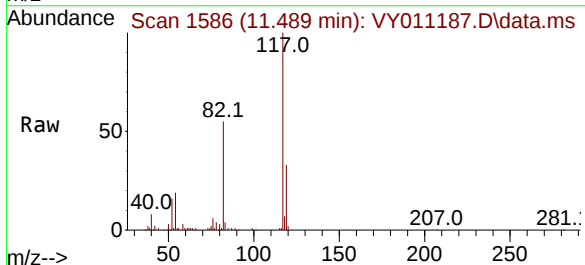
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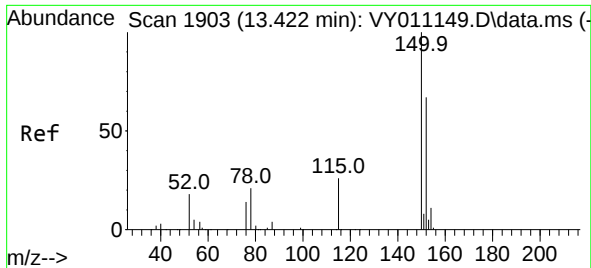
Tgt Ion: 95 Resp: 23233
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011187.D
Acq: 29 Oct 2022 04:15

Tgt Ion: 117 Resp: 53095
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011187.D

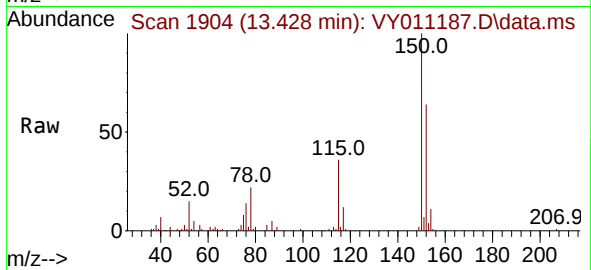
Acq: 29 Oct 2022 04:15

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-7



Tgt Ion:152 Resp: 20635

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 157.6 0.0 347.6

