

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011303.D
 Acq On : 04 Nov 2022 17:31
 Operator : KP/MD
 Sample : N5310-08RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-4RE

Quant Time: Nov 07 01:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

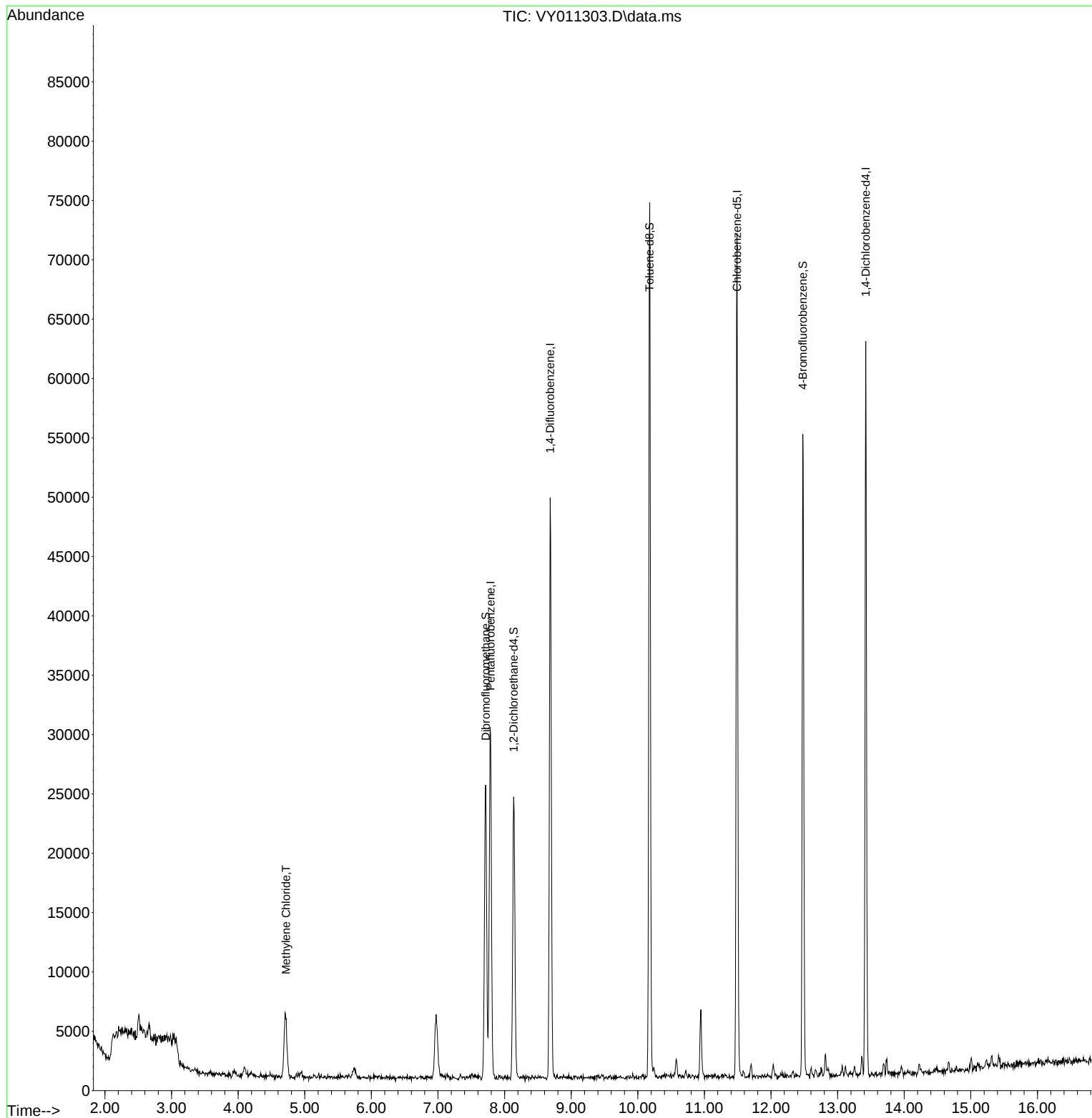
Internal Standards						
1) Pentafluorobenzene	7.789	168	23450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	42750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	41206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18576	74.067	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	148.140%	
35) Dibromofluoromethane	7.716	113	17503	63.724	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	127.440%	
50) Toluene-d8	10.179	98	50781	47.618	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	95.240%	
62) 4-Bromofluorobenzene	12.477	95	18038	48.723	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	97.440%	
Target Compounds						
20) Methylene Chloride	4.716	84	4480	10.497	ug/l	Qvalue # 70

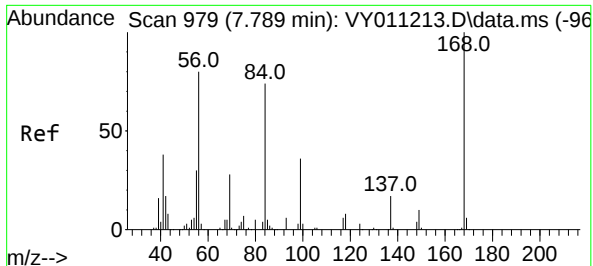
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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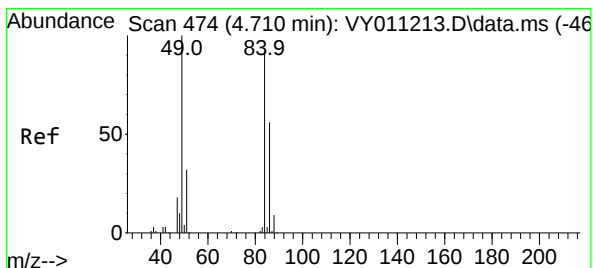
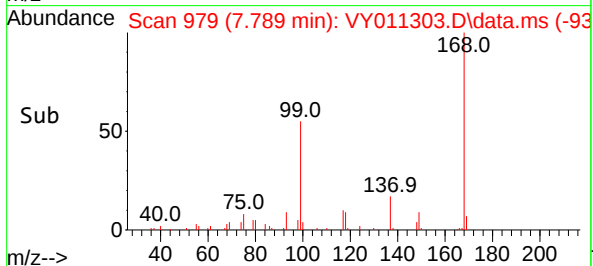
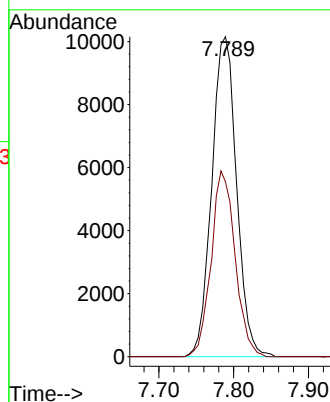
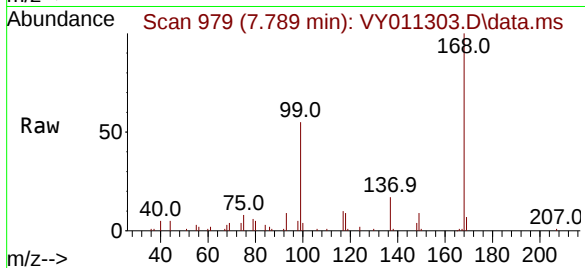




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011303.D
Acq: 04 Nov 2022 17:31

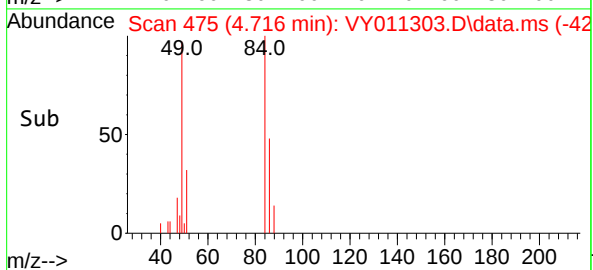
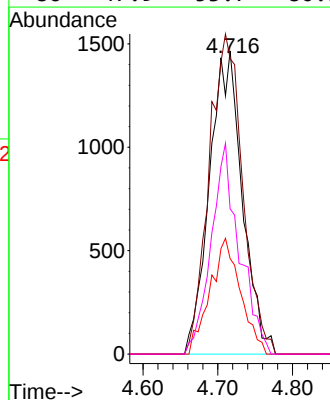
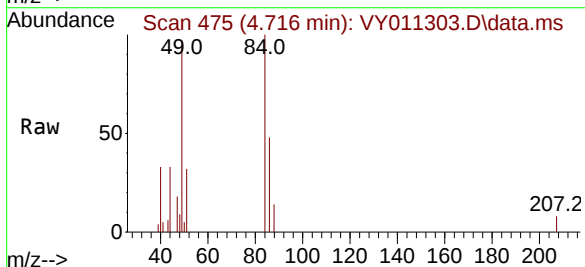
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-4RE

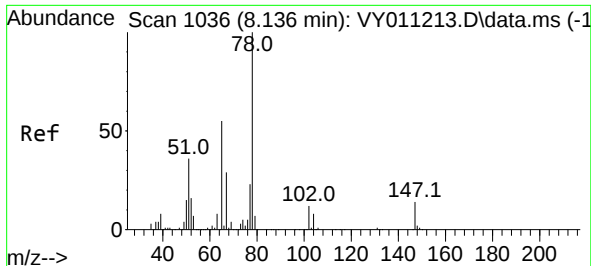
Tgt Ion:168 Resp: 23450
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#20
Methylene Chloride
Concen: 10.497 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011303.D
Acq: 04 Nov 2022 17:31

Tgt Ion: 84 Resp: 4480
Ion Ratio Lower Upper
84 100
49 97.4 114.4 171.6#
51 31.5 35.3 52.9#
86 47.9 53.7 80.5#

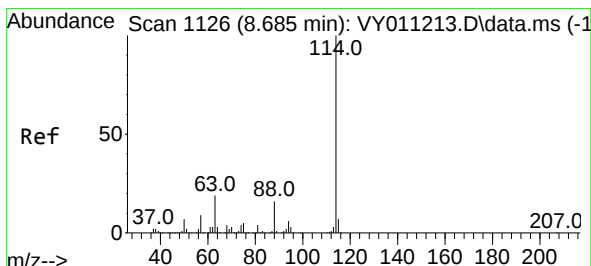
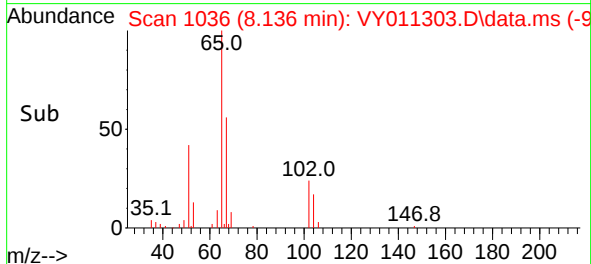
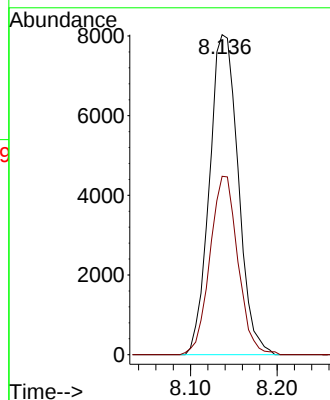
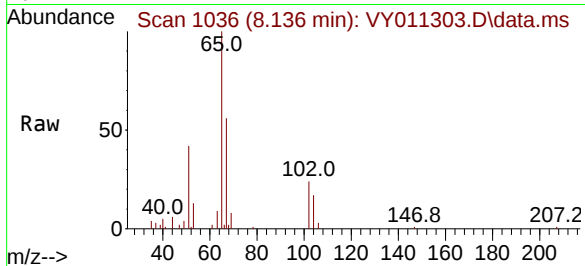




#33
 1,2-Dichloroethane-d4
 Concen: 74.067 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY011303.D
 Acq: 04 Nov 2022 17:31

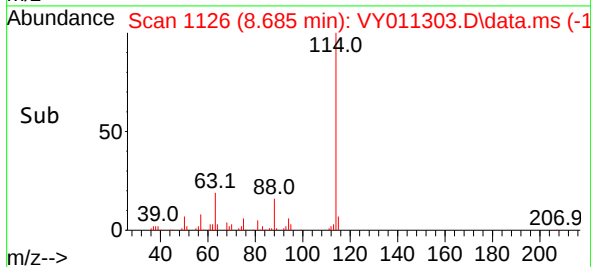
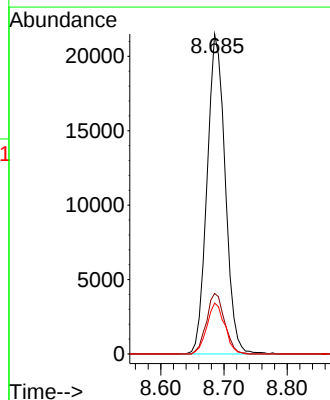
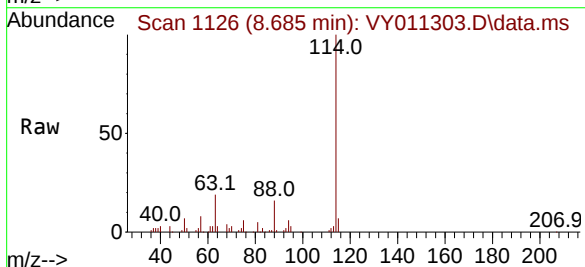
Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-4RE

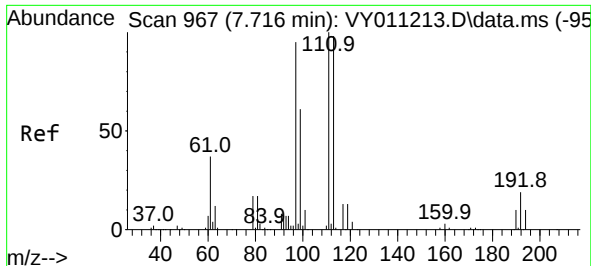
Tgt Ion: 65 Resp: 18576
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011303.D
 Acq: 04 Nov 2022 17:31

Tgt Ion: 114 Resp: 42750
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.2
 88 15.9 0.0 31.8

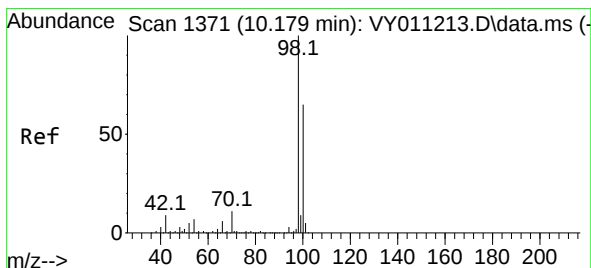
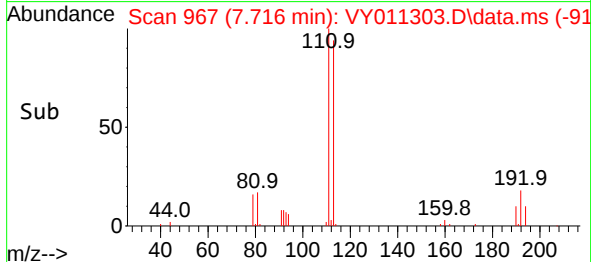
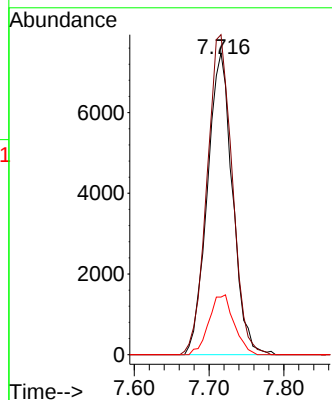
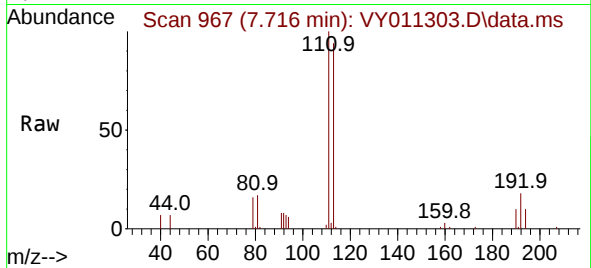




#35
Dibromofluoromethane
Concen: 63.724 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011303.D
Acq: 04 Nov 2022 17:31

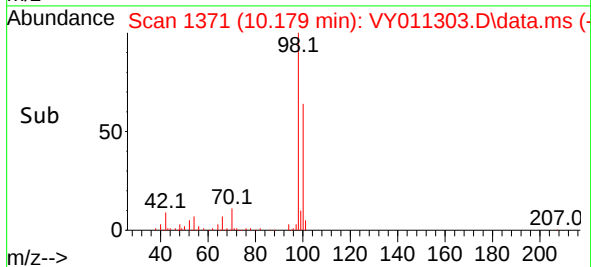
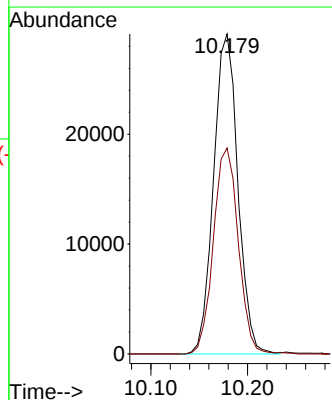
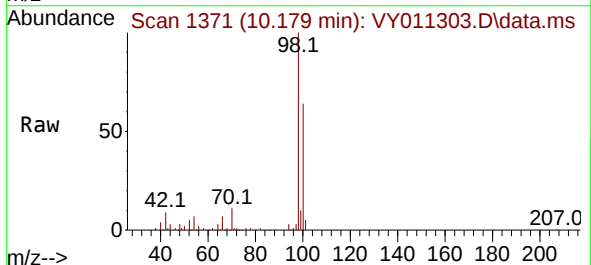
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-4RE

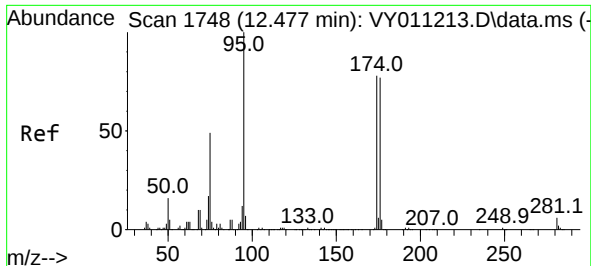
Tgt Ion:113 Resp: 17503
Ion Ratio Lower Upper
113 100
111 106.5 82.6 124.0
192 19.8 17.6 26.4



#50
Toluene-d8
Concen: 47.618 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011303.D
Acq: 04 Nov 2022 17:31

Tgt Ion: 98 Resp: 50781
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

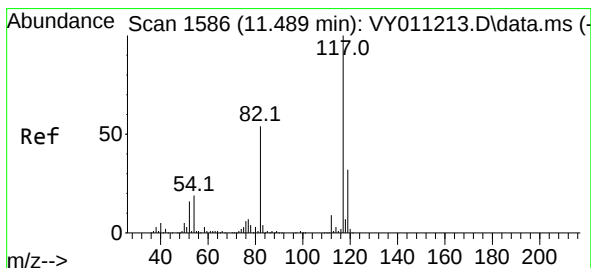
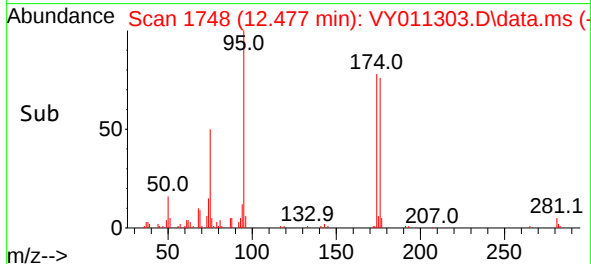
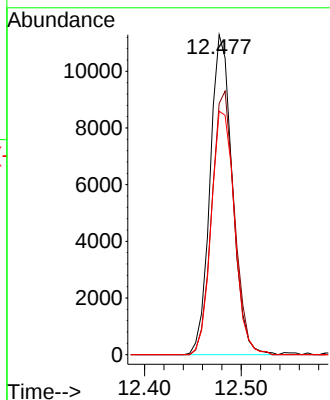
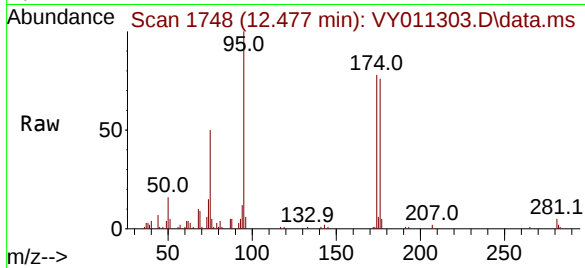




#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011303.D
Acq: 04 Nov 2022 17:31

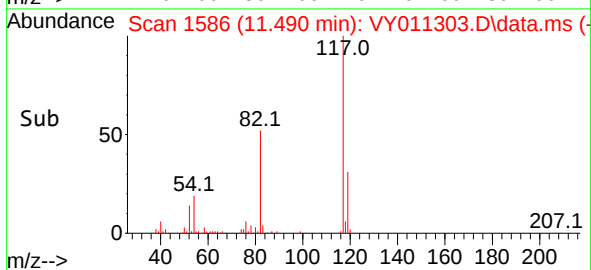
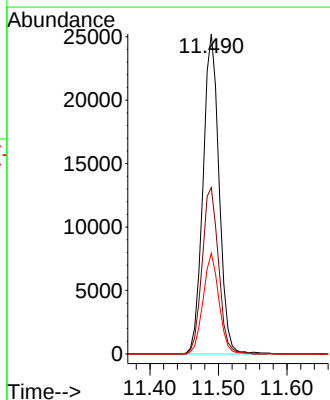
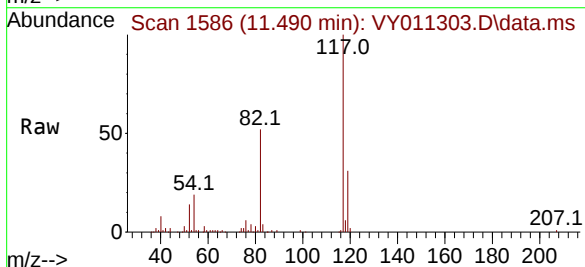
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ClientSampleId :
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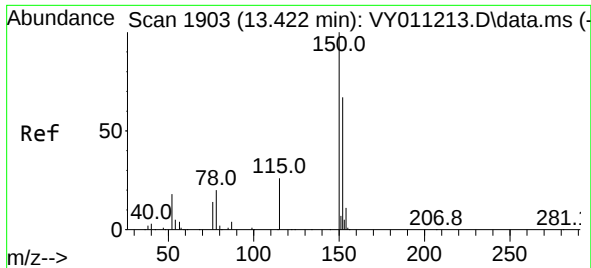
Tgt Ion: 95 Resp: 18038
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 79.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011303.D
Acq: 04 Nov 2022 17:31

Tgt Ion: 117 Resp: 41206
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.5 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: VY011303.D

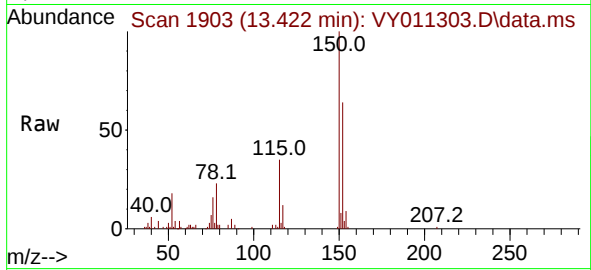
Acq: 04 Nov 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-4RE



Tgt Ion:152 Resp: 16121

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 158.0 0.0 347.6

