

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011192.D
 Acq On : 29 Oct 2022 06:09
 Operator : KP/MD
 Sample : N5310-16
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-12

Quant Time: Oct 29 06:48:54 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)

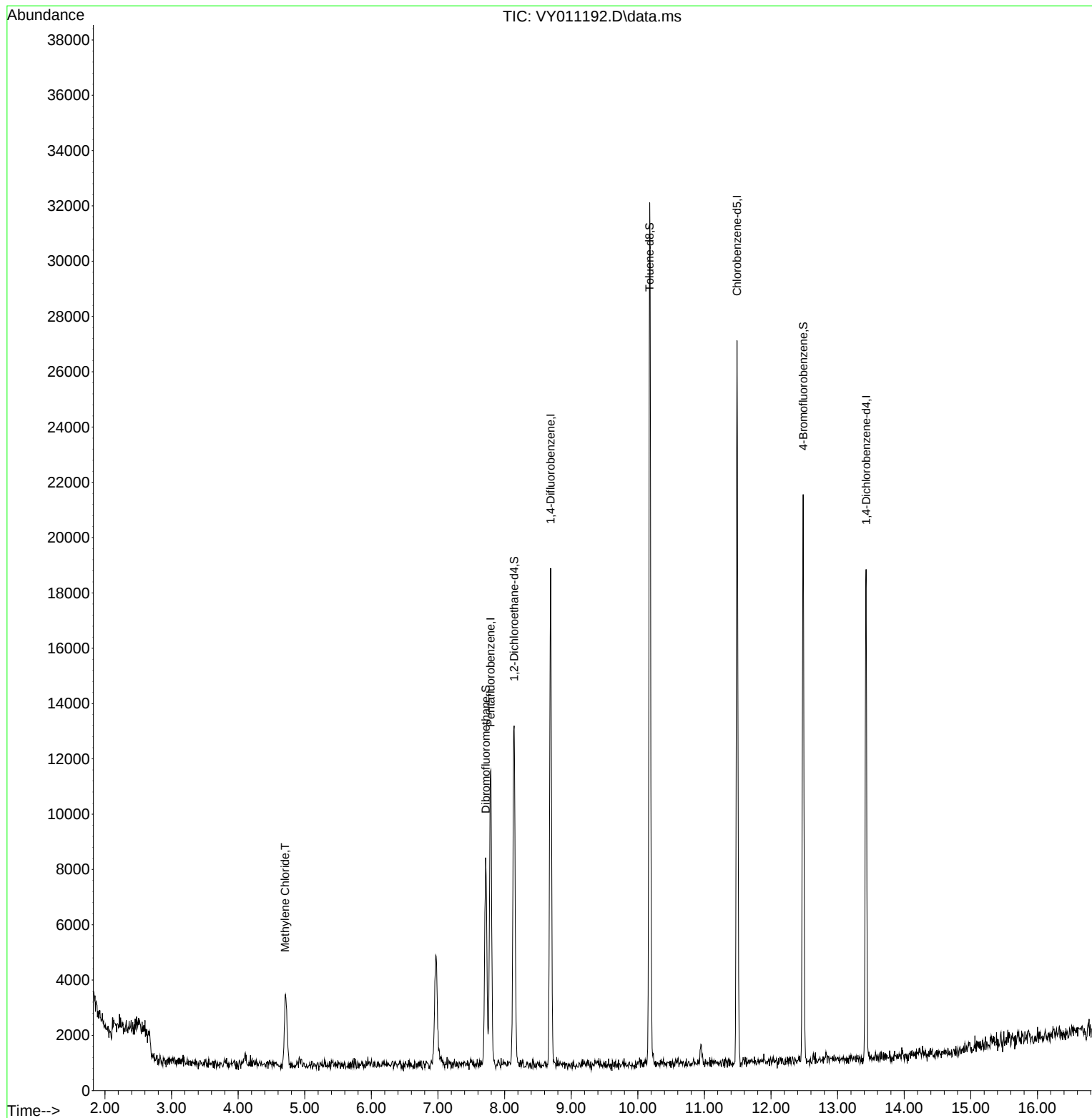
Internal Standards						
1) Pentafluorobenzene	7.789	168	9202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10161	106.789	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	213.580%	#
35) Dibromofluoromethane	7.716	113	5546	56.773	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	113.540%	
50) Toluene-d8	10.179	98	22575	58.333	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	116.660%	
62) 4-Bromofluorobenzene	12.483	95	6658	52.578	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	105.160%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	2106	17.531	ug/l	# 69

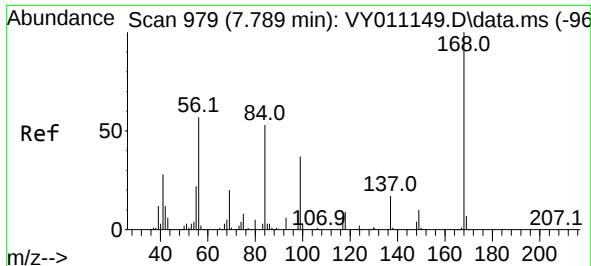
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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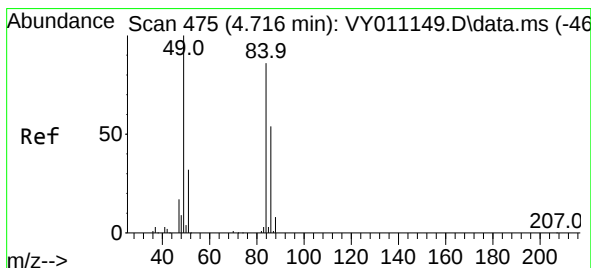
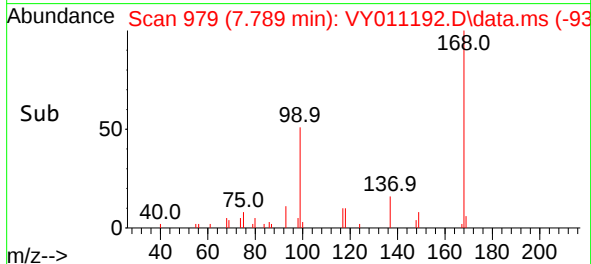
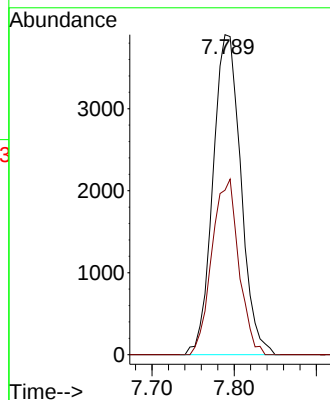
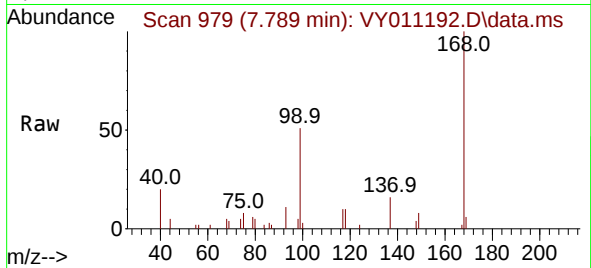




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011192.D
Acq: 29 Oct 2022 06:09

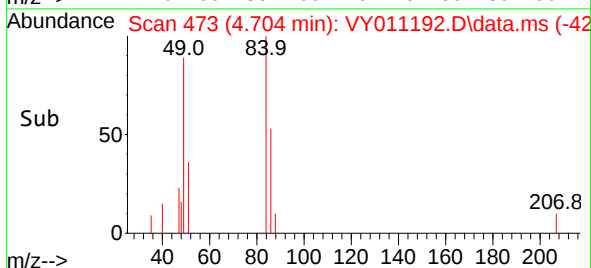
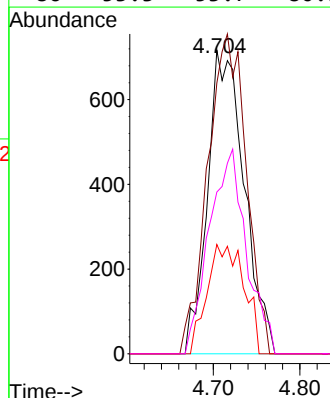
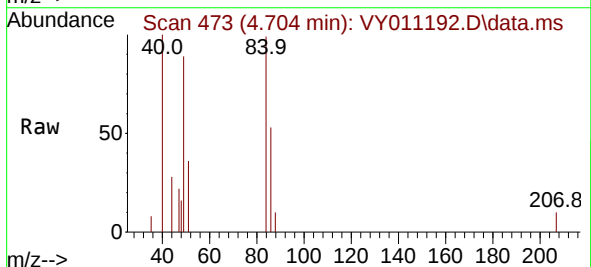
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-12

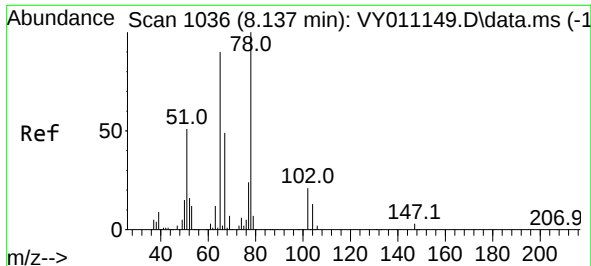
Tgt Ion:168 Resp: 9202
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#20
Methylene Chloride
Concen: 17.531 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY011192.D
Acq: 29 Oct 2022 06:09

Tgt Ion: 84 Resp: 2106
Ion Ratio Lower Upper
84 100
49 89.1 114.4 171.6#
51 36.0 35.3 52.9
86 53.3 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 106.789 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VY011192.D

Acq: 29 Oct 2022 06:09

Instrument :

MSVOA_Y

ClientSampleId :

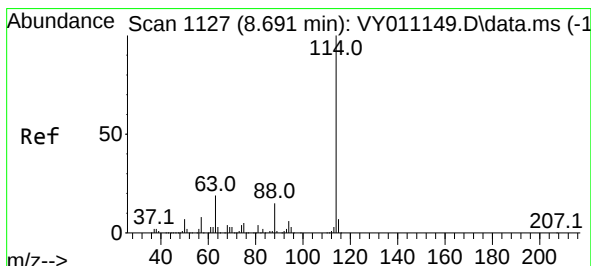
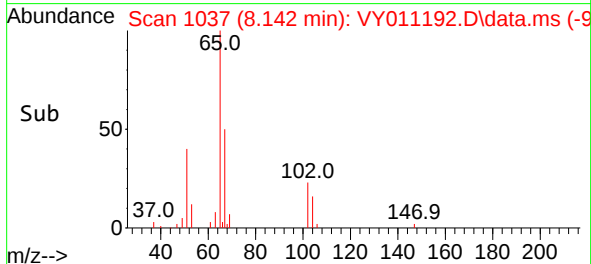
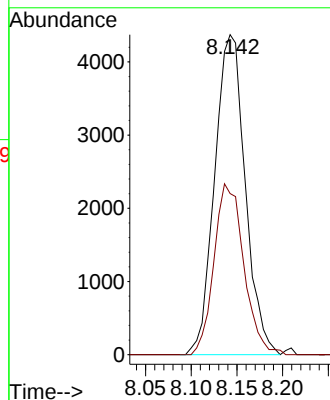
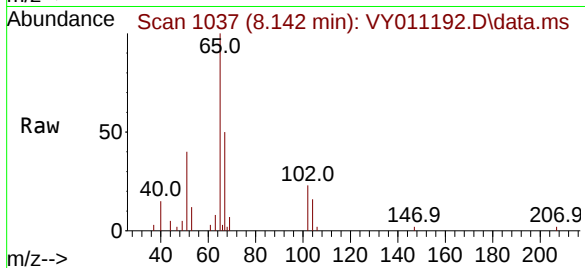
BIN 1-2-(2840)-VOC-12

Tgt Ion: 65 Resp: 10161

Ion Ratio Lower Upper

65 100

67 52.0 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: VY011192.D

Acq: 29 Oct 2022 06:09

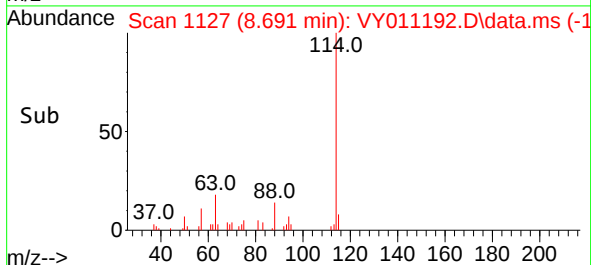
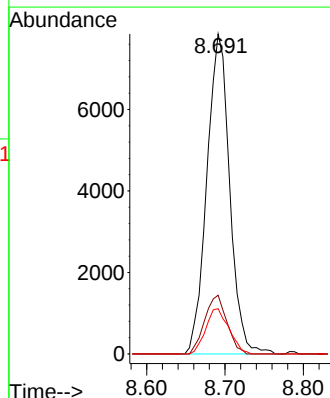
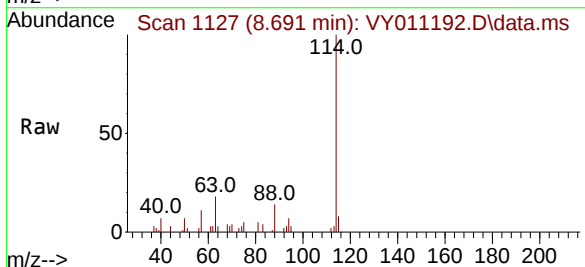
Tgt Ion: 114 Resp: 15885

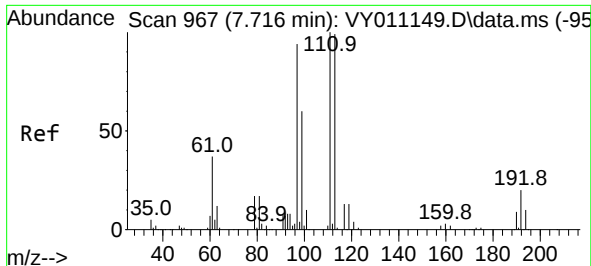
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.2 0.0 31.8

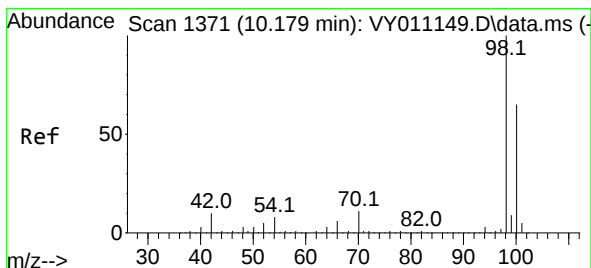
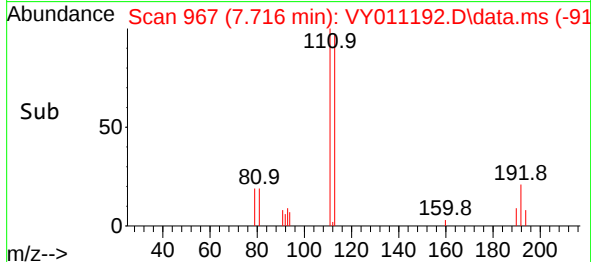
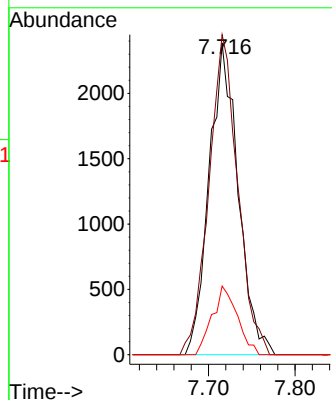
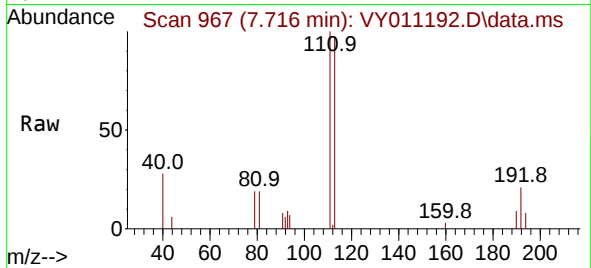




#35
Dibromofluoromethane
Concen: 56.773 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011192.D
Acq: 29 Oct 2022 06:09

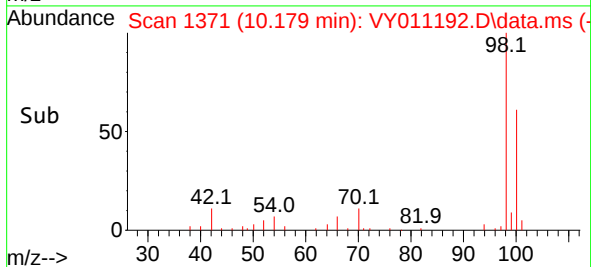
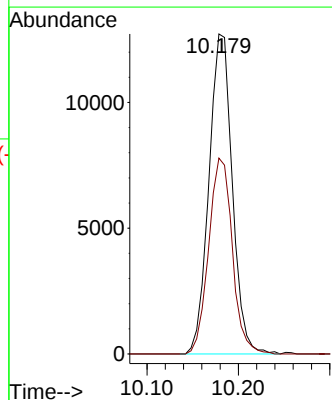
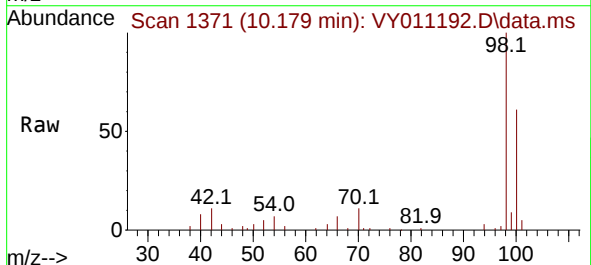
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-12

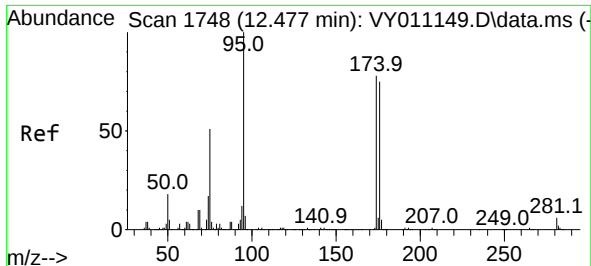
Tgt Ion:113 Resp: 5546
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 58.333 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011192.D
Acq: 29 Oct 2022 06:09

Tgt Ion: 98 Resp: 22575
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

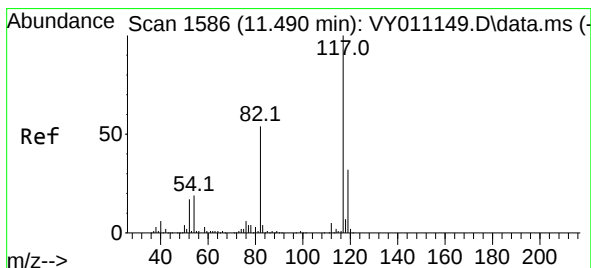
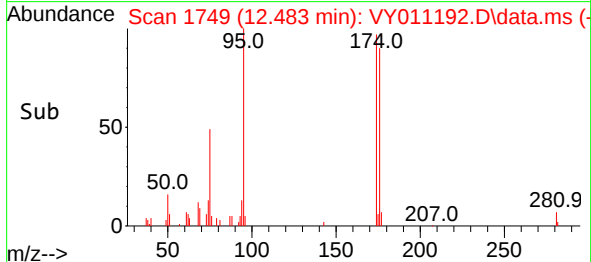
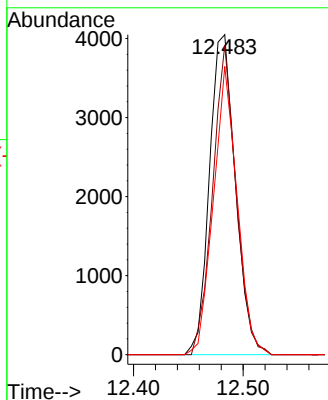
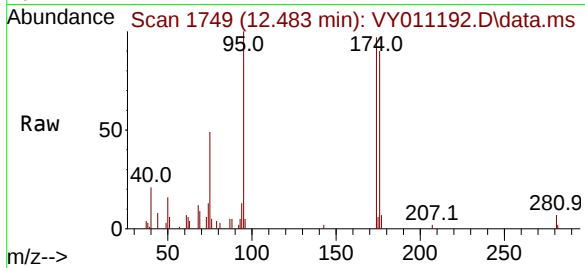




#62
4-Bromofluorobenzene
Concen: 52.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011192.D
Acq: 29 Oct 2022 06:09

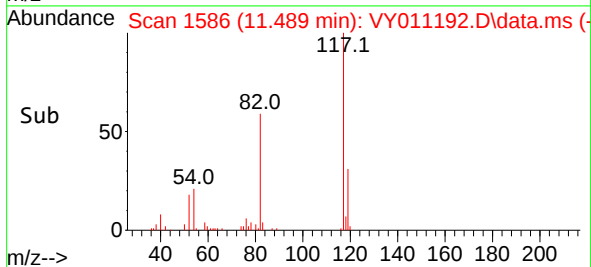
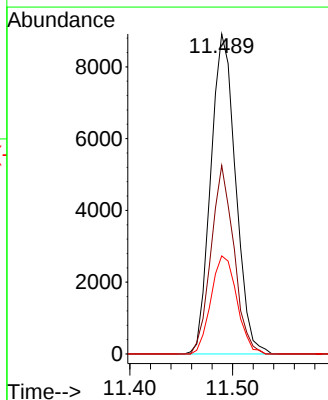
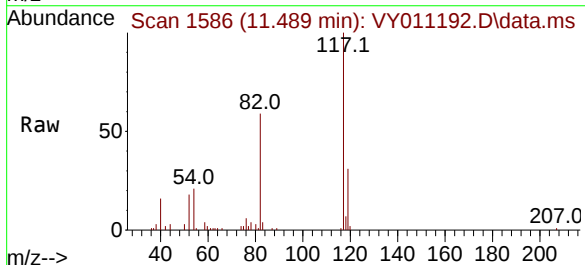
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-12

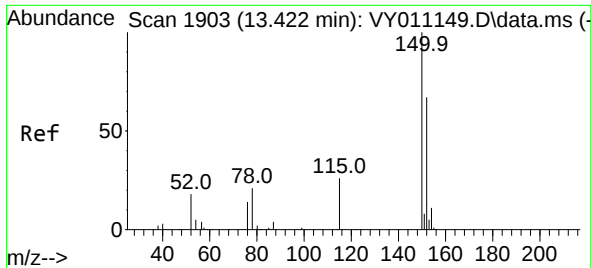
Tgt Ion: 95	Resp: 6658
Ion Ratio	Lower Upper
95 100	
174 87.9	0.0 177.0
176 82.6	0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011192.D
Acq: 29 Oct 2022 06:09

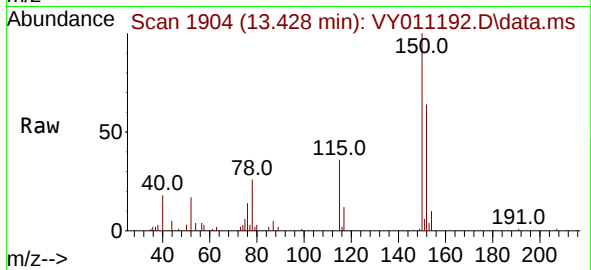
Tgt Ion:117	Resp:	14948	
Ion	Ratio	Lower	Upper
117	100		
82	58.9	43.0	64.4
119	30.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY011192.D
 Acq: 29 Oct 2022 06:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-12



Tgt Ion:	152	Resp:	4995
Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.2	84.7
150	156.9	0.0	347.6

