

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007324.D
 Acq On : 28 Jan 2022 16:32
 Operator : SY/MD
 Sample : N1309-06
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(6)

Quant Time: Jan 31 00:31:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

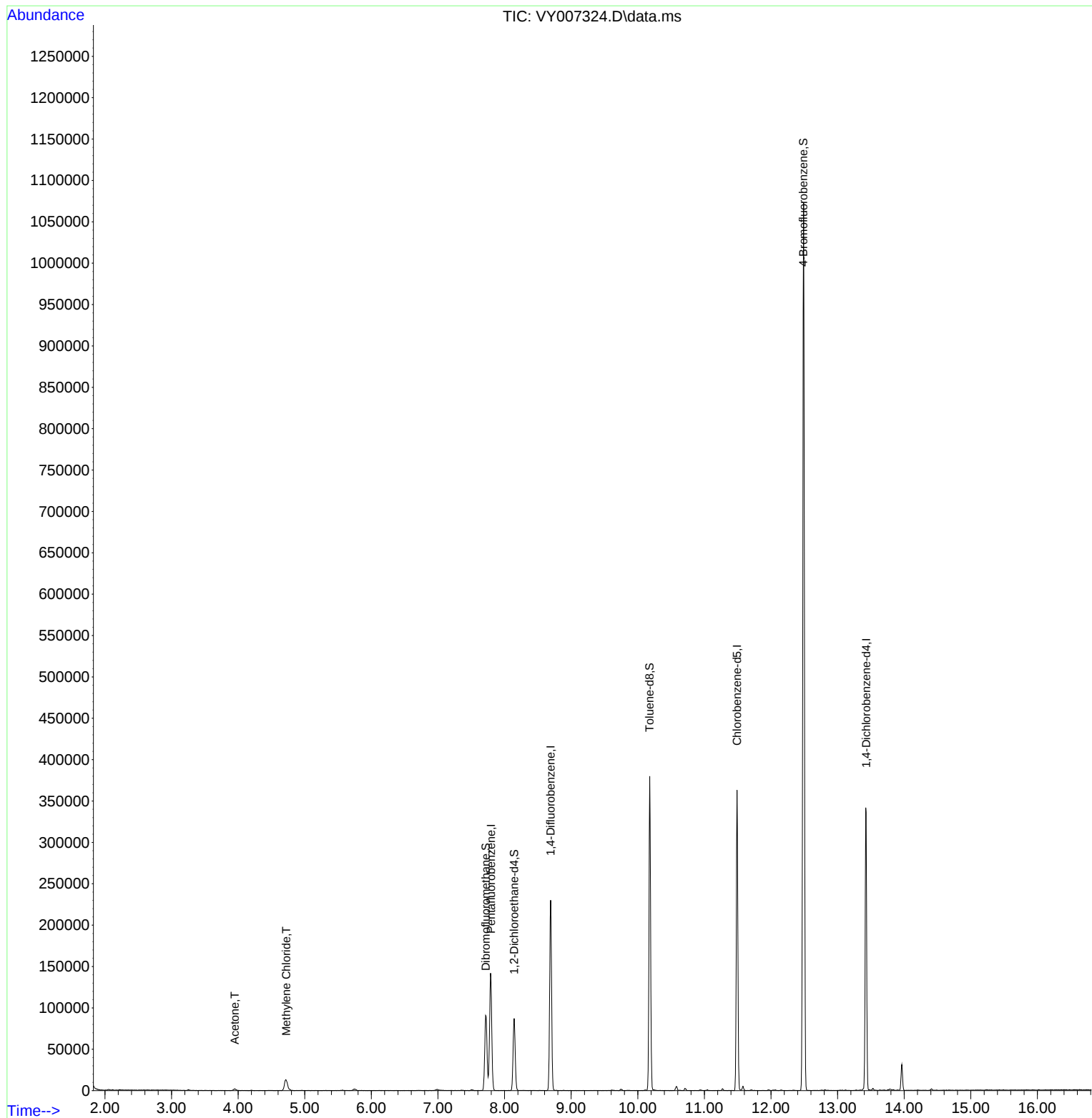
Internal Standards						
1) Pentafluorobenzene	7.795	168	104000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67460	52.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.720%	
35) Dibromofluoromethane	7.716	113	65116	48.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.500%	
50) Toluene-d8	10.179	98	240499	49.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.483	95	90115	51.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3658	11.045	ug/l	93
20) Methylene Chloride	4.723	84	10555	7.707	ug/l	89

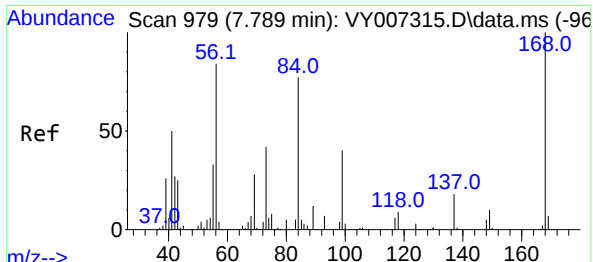
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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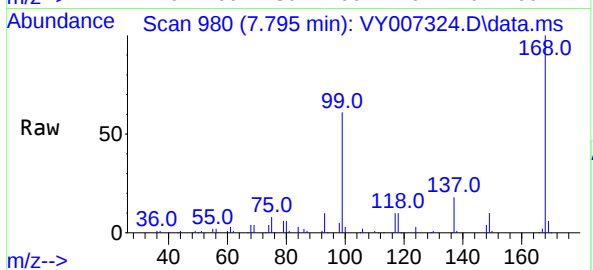
Quant Time: Jan 31 00:31:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
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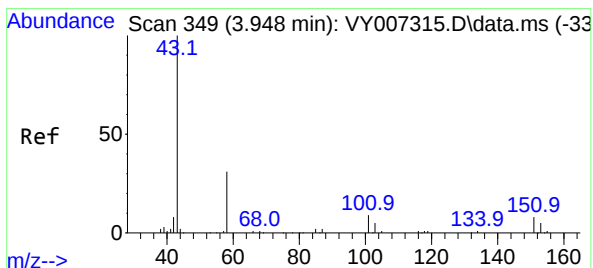
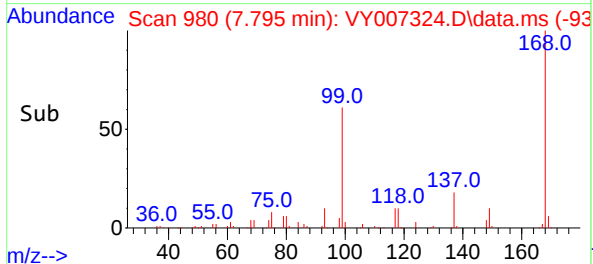
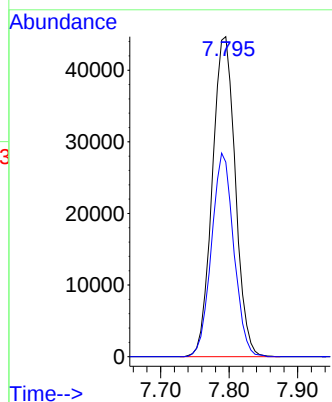


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

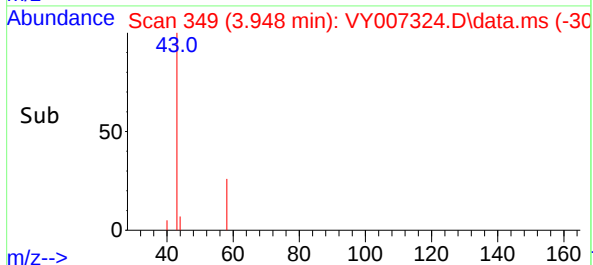
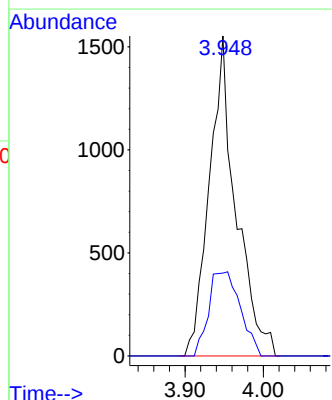
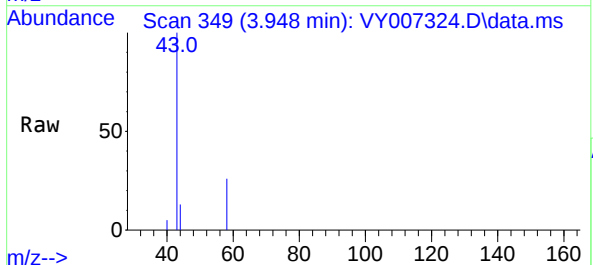


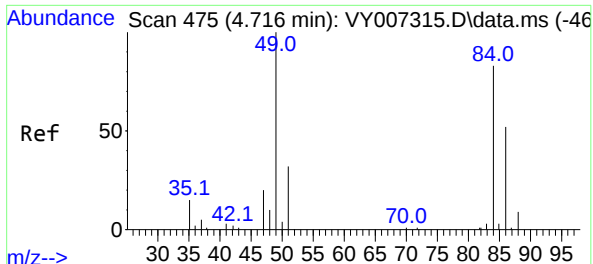
Tgt Ion:168 Resp: 104000
Ion Ratio Lower Upper
168 100
99 60.8 49.1 73.7



#16
Acetone
Concen: 11.045 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6



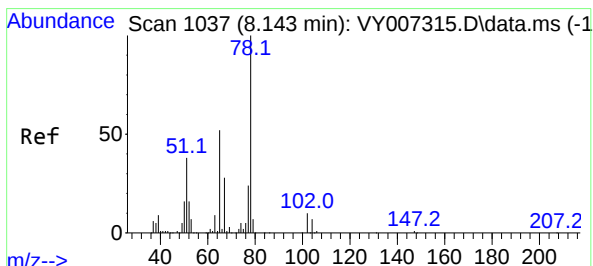
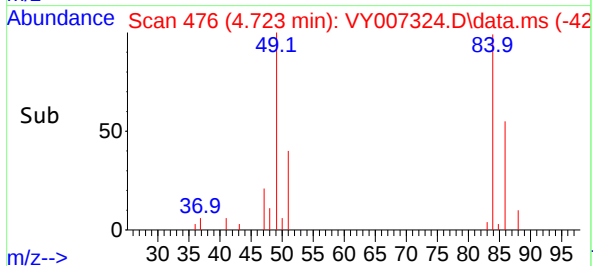
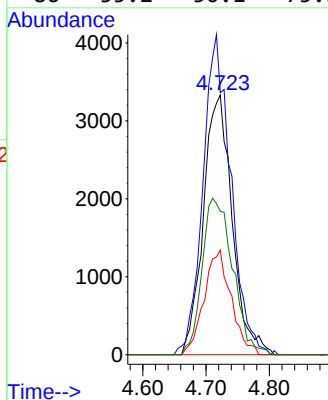
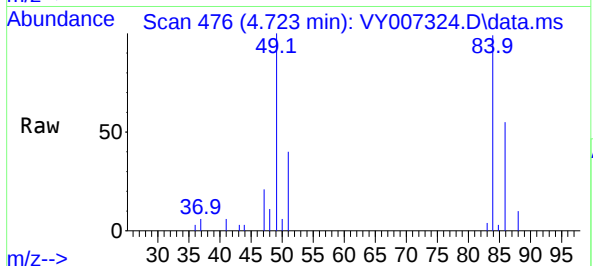


#20
Methylene Chloride
Concen: 7.707 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

Tgt Ion: 84 Resp: 10555

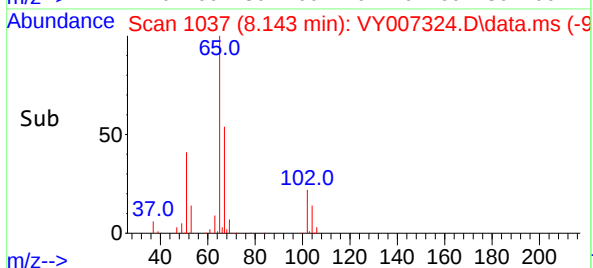
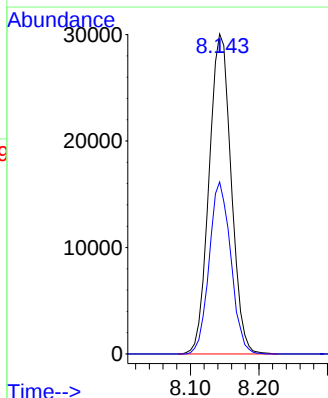
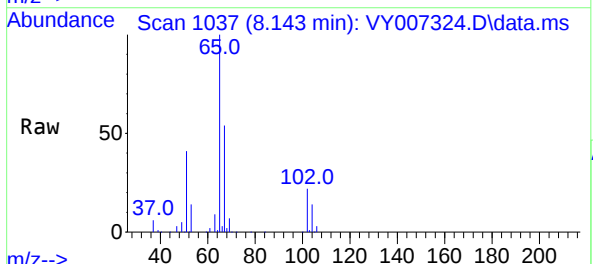
Ion	Ratio	Lower	Upper
84	100		
49	100.9	92.6	139.0
51	40.2	28.6	42.8
86	55.2	50.1	75.1

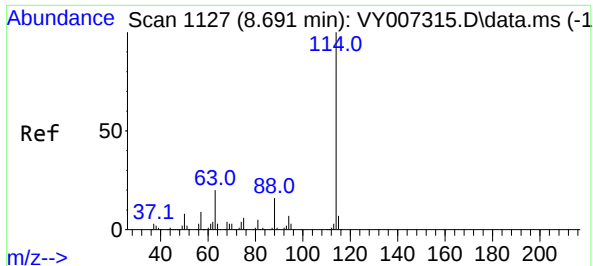


#33
1,2-Dichloroethane-d4
Concen: 52.864 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 65 Resp: 67460

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VY007324.D

Acq: 28 Jan 2022 16:32

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(6)

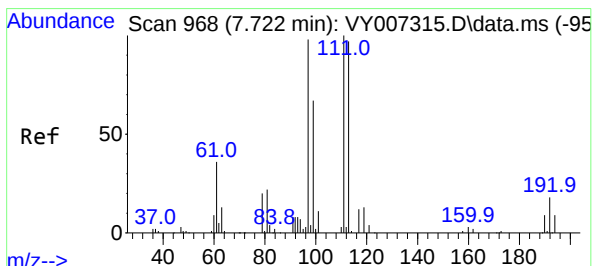
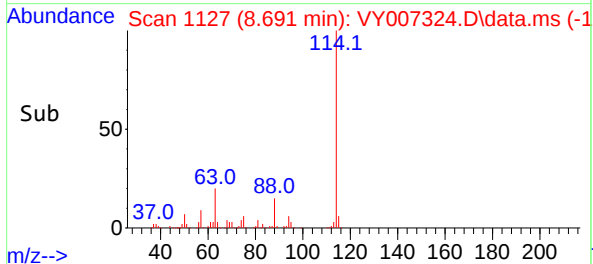
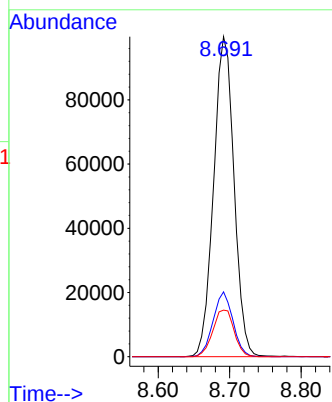
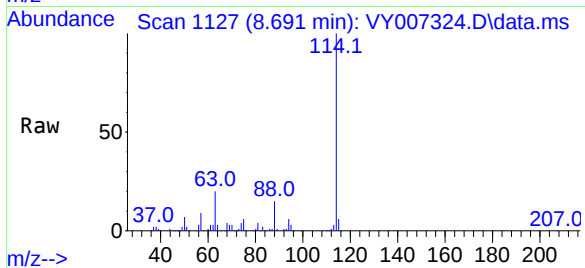
Tgt Ion:114 Resp: 197524

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 14.6 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.753 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY007324.D

Acq: 28 Jan 2022 16:32

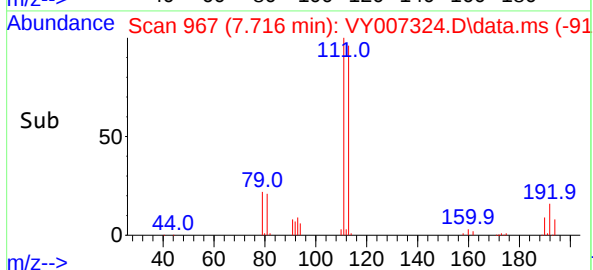
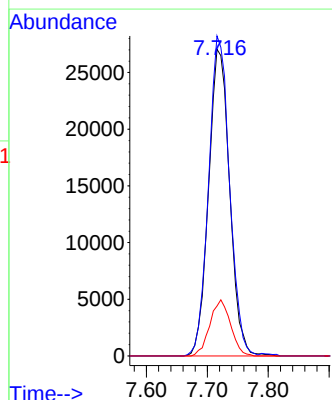
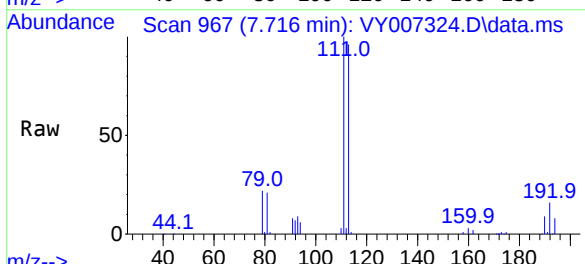
Tgt Ion:113 Resp: 65116

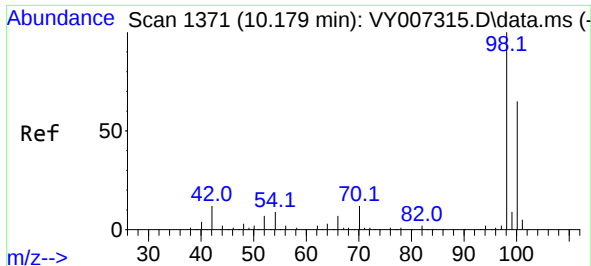
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 18.0 14.2 21.4

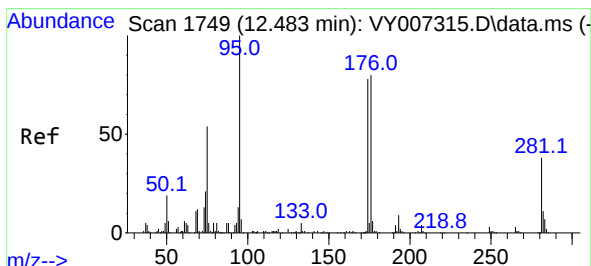
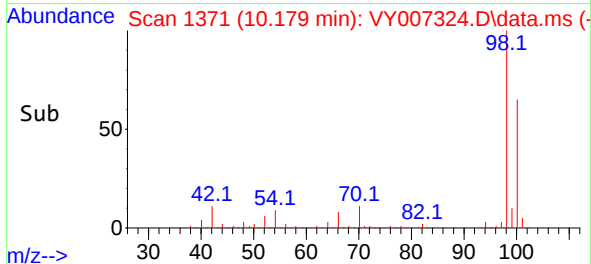
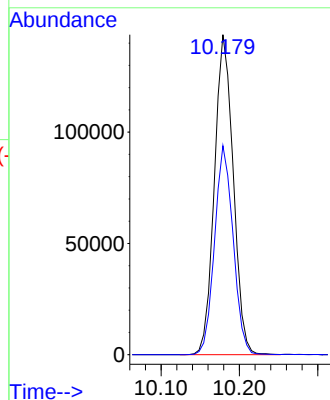
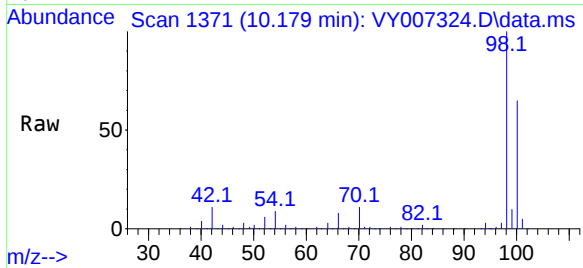




#50
Toluene-d8
Concen: 49.279 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

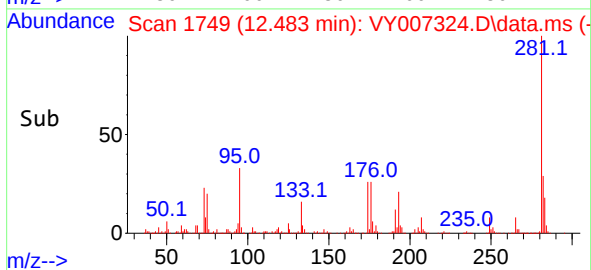
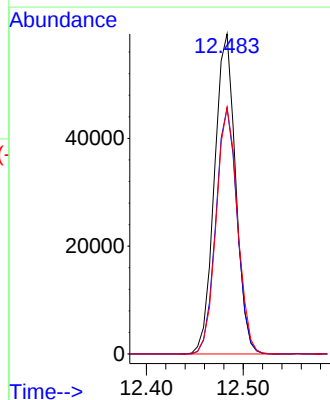
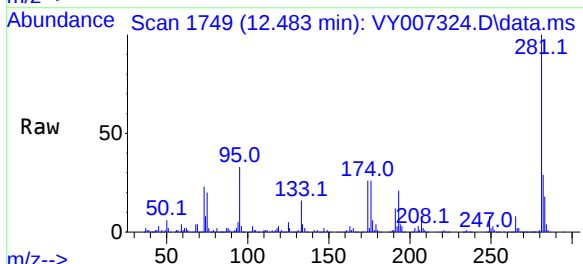
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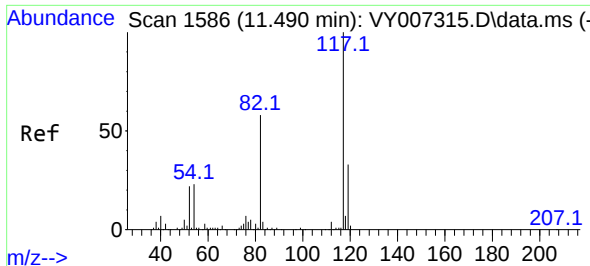
Tgt Ion: 98 Resp: 240499
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion: 95 Resp: 90115
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 77.7 0.0 146.6

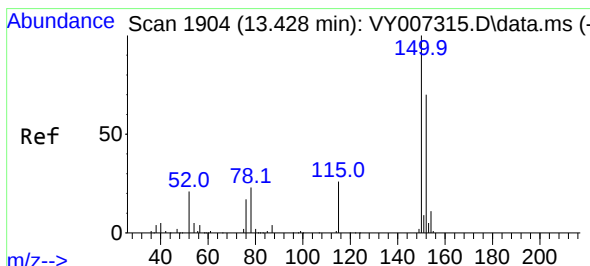
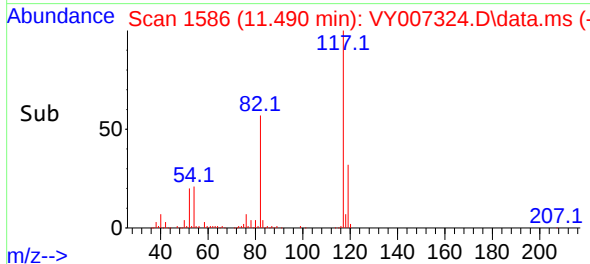
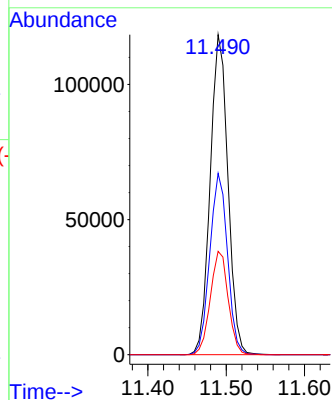
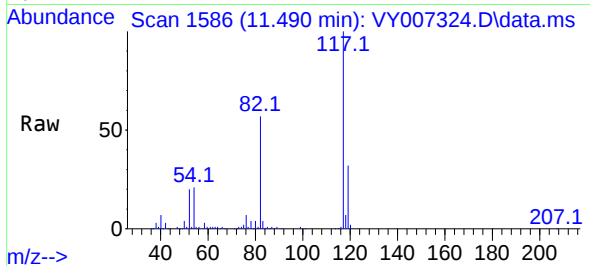




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(6)

Tgt Ion:117 Resp: 186243
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.001 min
Lab File: VY007324.D
Acq: 28 Jan 2022 16:32

Tgt Ion:152 Resp: 82638
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.0
150 158.6 0.0 348.4

