

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074545.D
 Acq On : 17 Sep 2022 06:10
 Operator : JC\MD
 Sample : N4549-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-61

Quant Time: Sep 17 07:14:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

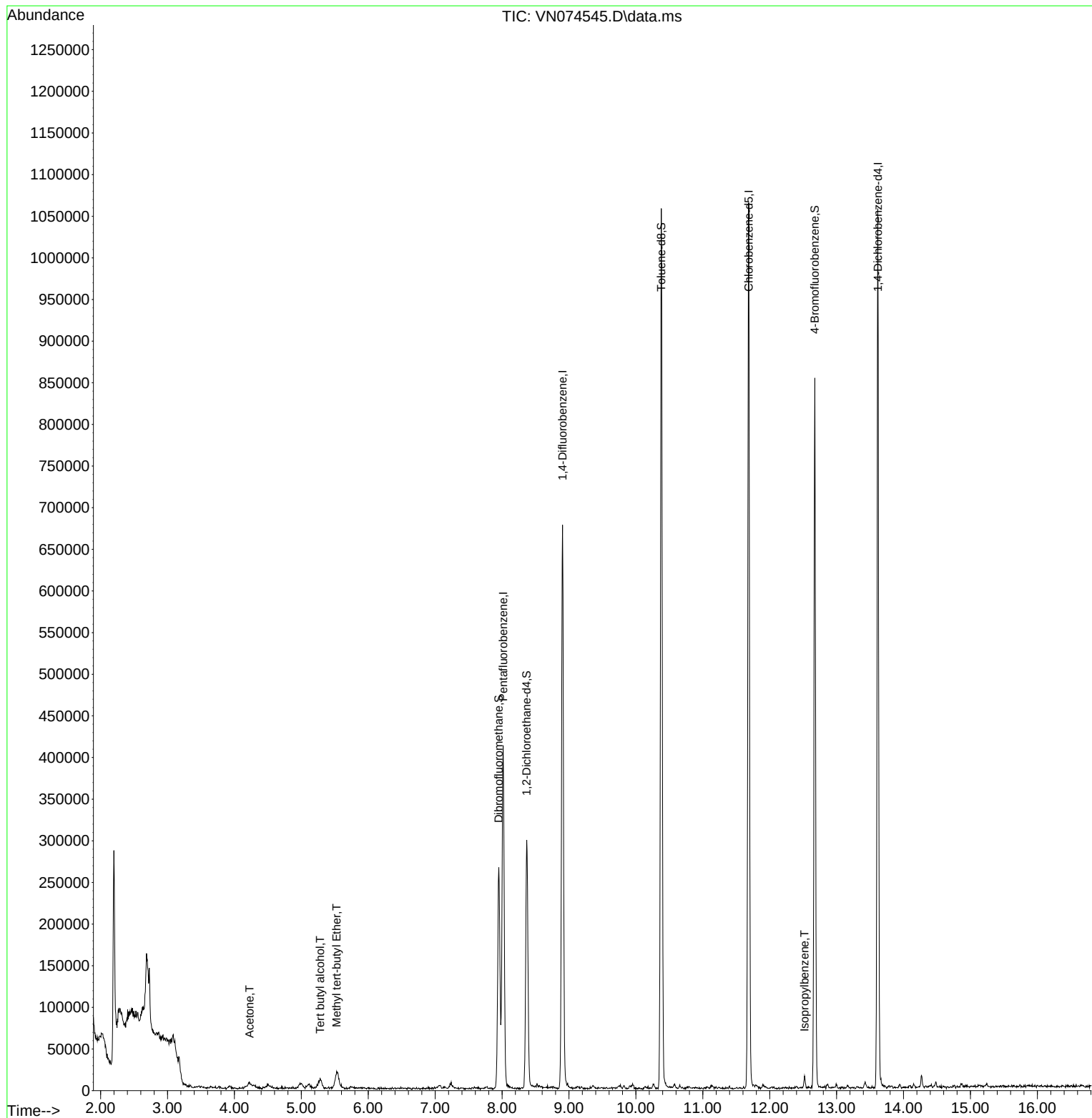
Internal Standards						
1) Pentafluorobenzene	8.016	168	279988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	552355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	543439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	237357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225686	47.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.020%
35) Dibromofluoromethane	7.951	113	184474	50.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	10.380	98	688973	48.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.674	95	254440	52.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	19289	12.464	ug/l #	93
16) Acetone	4.228	43	12285	4.041	ug/l	94
19) Methyl tert-butyl Ether	5.528	73	27088	1.743	ug/l	95
73) Isopropylbenzene	12.521	105	8213	0.338	ug/l	92

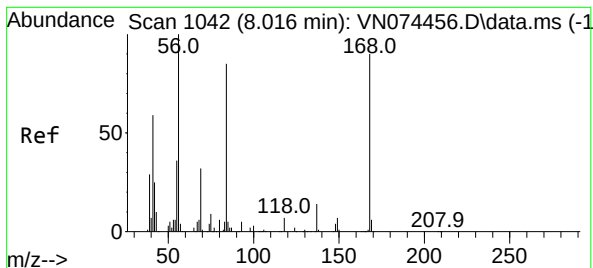
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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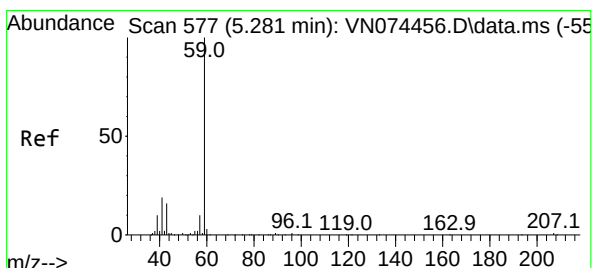
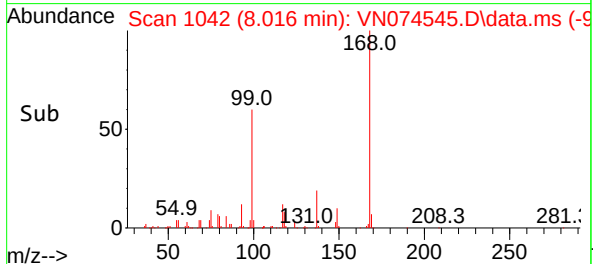
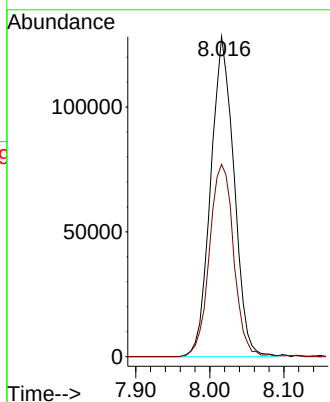
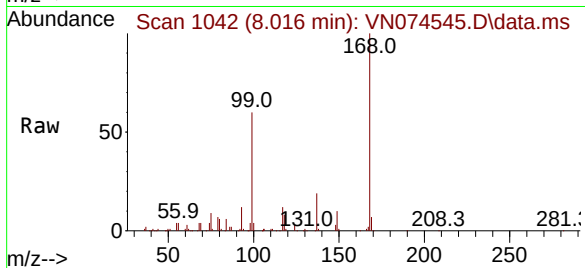




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074545.D
Acq: 17 Sep 2022 06:10

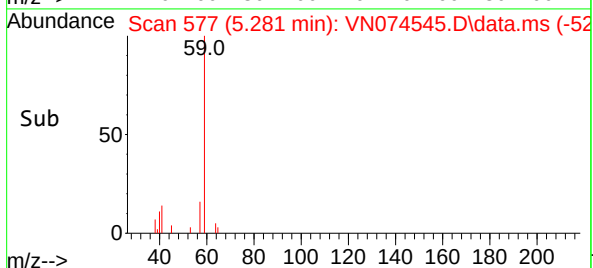
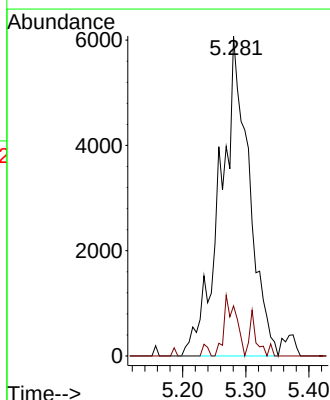
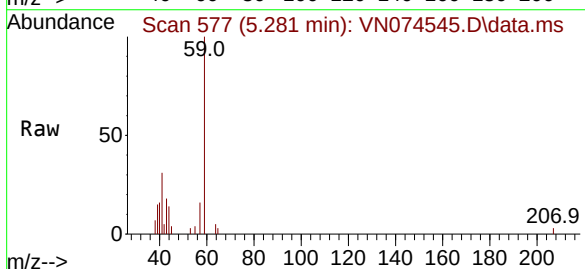
Instrument :
MSVOA_N
ClientSampleId :
MW-61

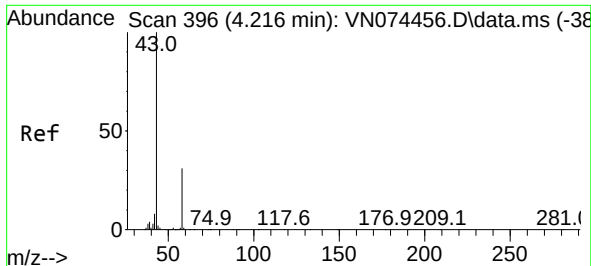
Tgt Ion:168 Resp: 279988
Ion Ratio Lower Upper
168 100
99 60.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 12.464 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN074545.D
Acq: 17 Sep 2022 06:10

Tgt Ion: 59 Resp: 19289
Ion Ratio Lower Upper
59 100
57 8.0 8.3 12.5#

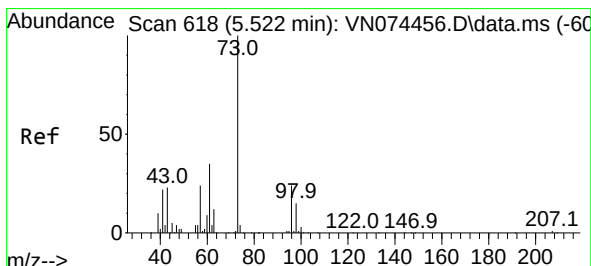
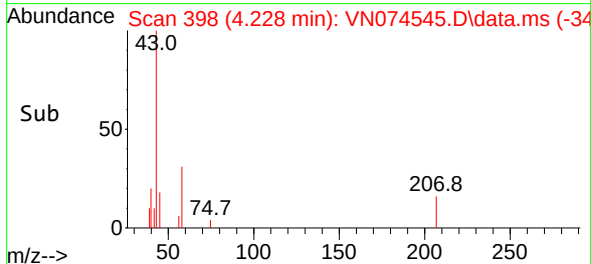
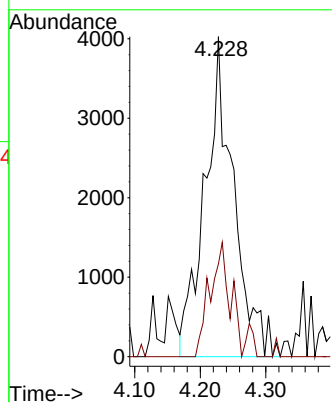
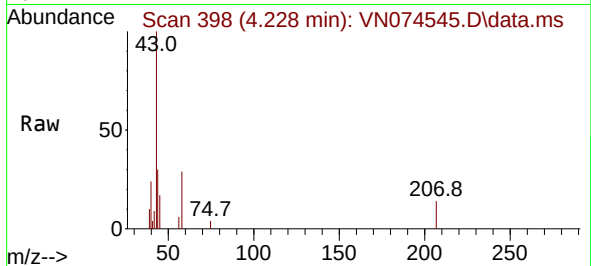




#16
Acetone
Concen: 4.041 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074545.D
Acq: 17 Sep 2022 06:10

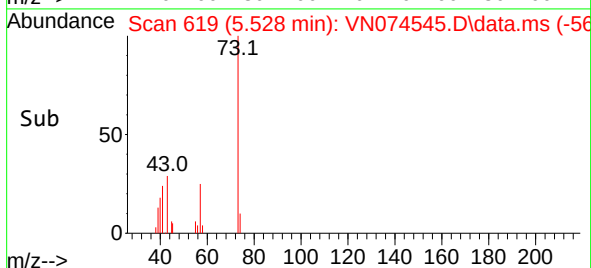
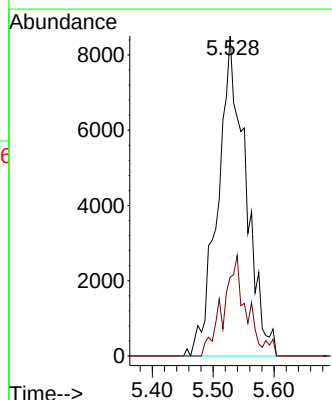
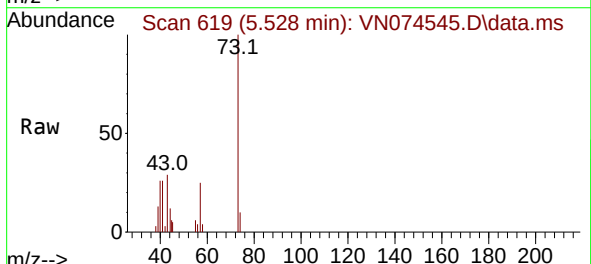
Instrument :
MSVOA_N
ClientSampleId :
MW-61

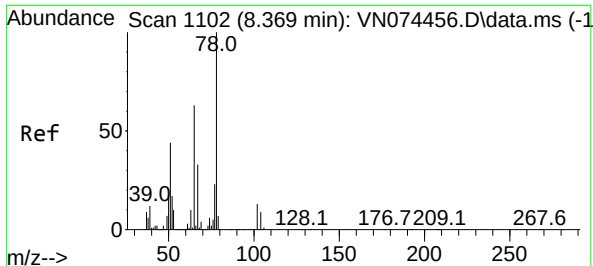
Tgt Ion: 43 Resp: 12285
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 1.743 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074545.D
Acq: 17 Sep 2022 06:10

Tgt Ion: 73 Resp: 27088
Ion Ratio Lower Upper
73 100
57 24.6 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 47.506 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074545.D

Acq: 17 Sep 2022 06:10

Instrument :

MSVOA_N

ClientSampleId :

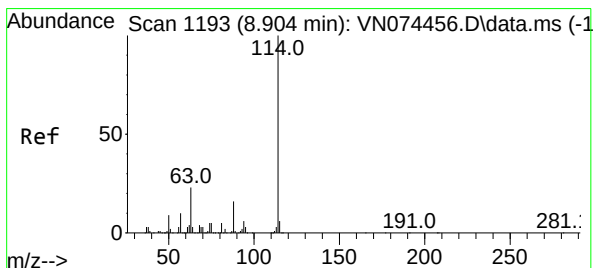
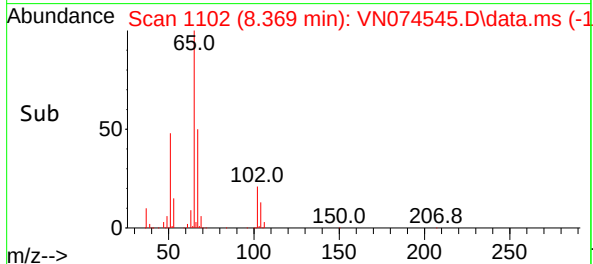
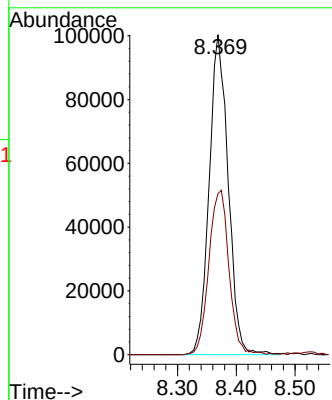
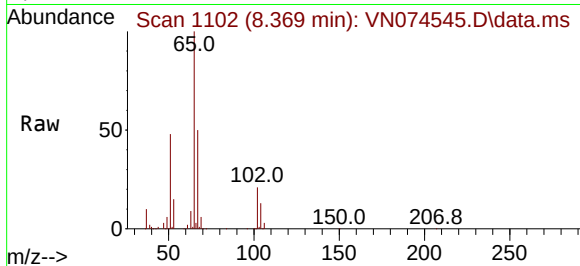
MW-61

Tgt Ion: 65 Resp: 225686

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074545.D

Acq: 17 Sep 2022 06:10

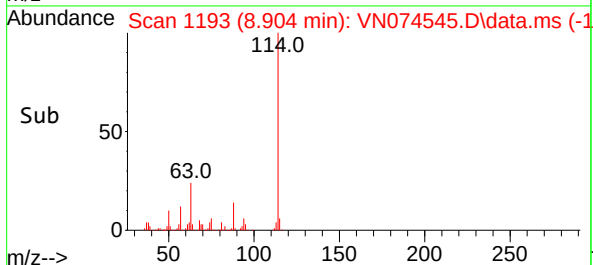
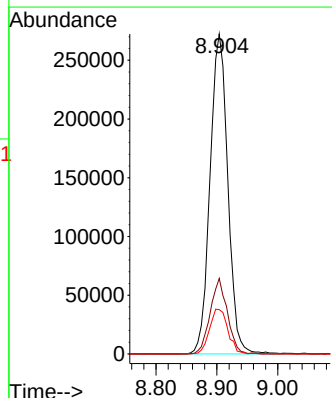
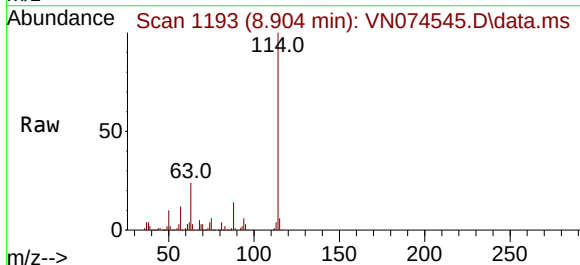
Tgt Ion: 114 Resp: 552355

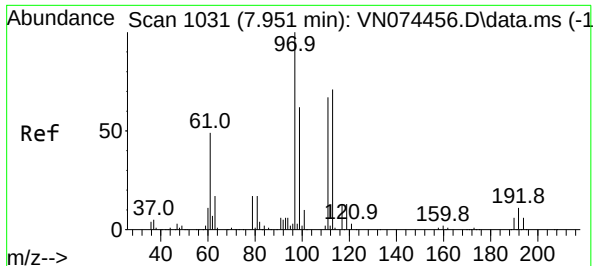
Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 13.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.276 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074545.D

Acq: 17 Sep 2022 06:10

Instrument :

MSVOA_N

ClientSampleId :

MW-61

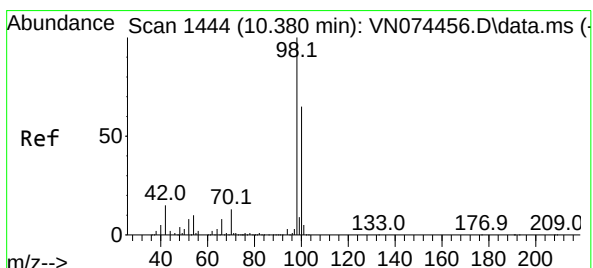
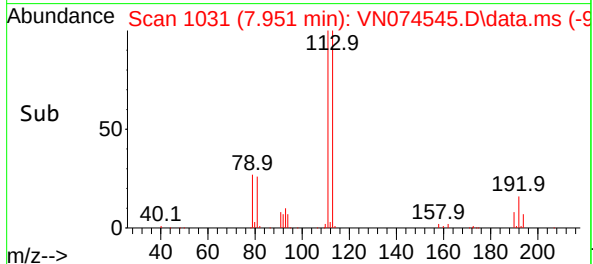
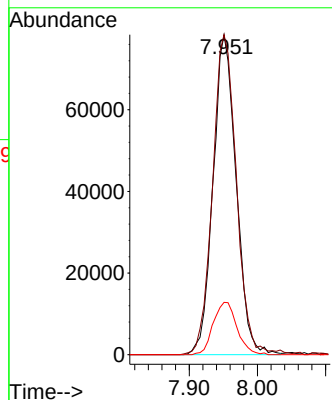
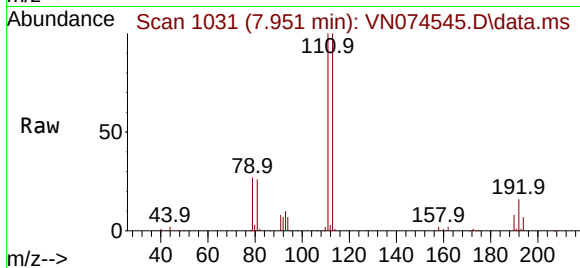
Tgt Ion:113 Resp: 184474

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 16.9 17.0 25.6#



#50

Toluene-d8

Concen: 48.553 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074545.D

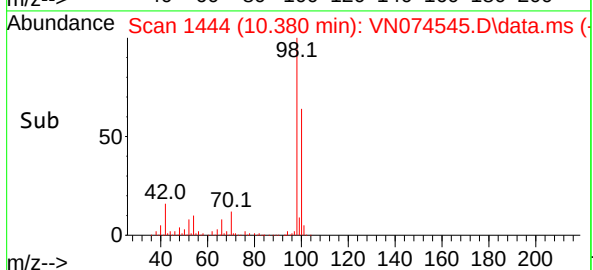
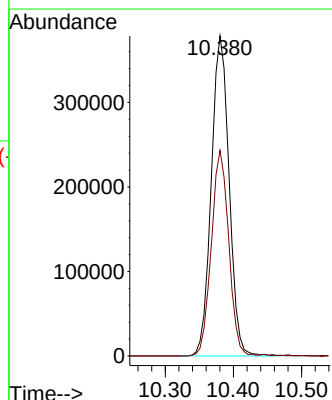
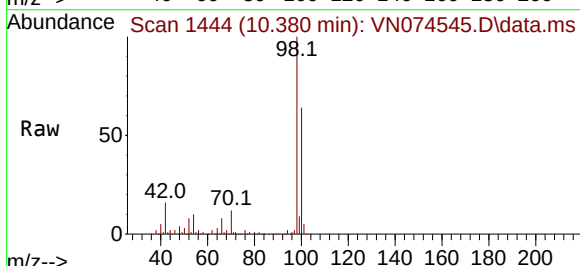
Acq: 17 Sep 2022 06:10

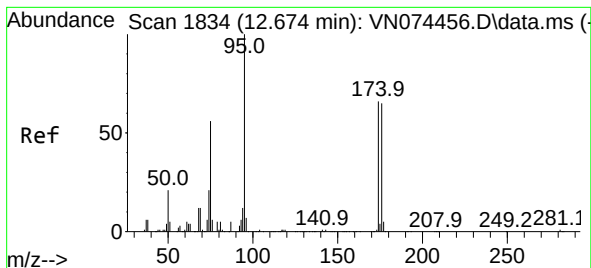
Tgt Ion: 98 Resp: 688973

Ion Ratio Lower Upper

98 100

100 62.7 52.6 78.8

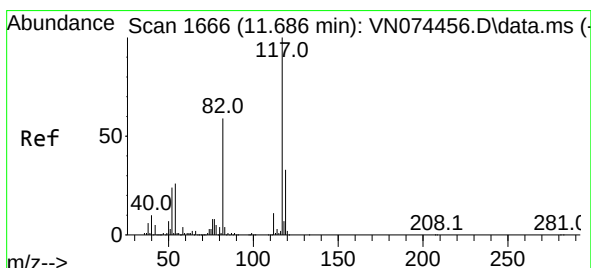
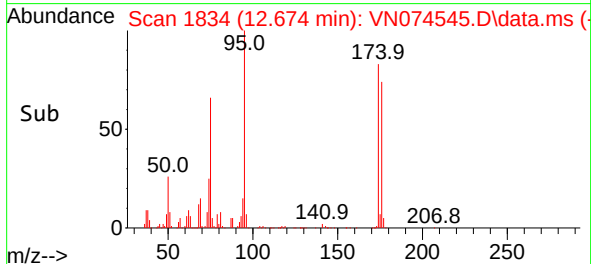
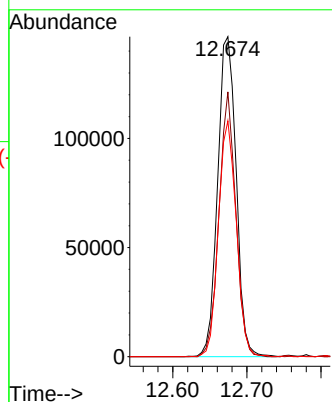
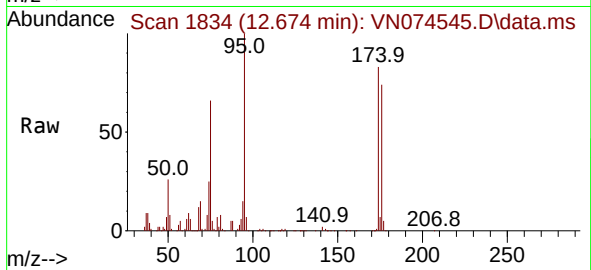




#62
4-Bromofluorobenzene
Concen: 52.353 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074545.D
Acq: 17 Sep 2022 06:10

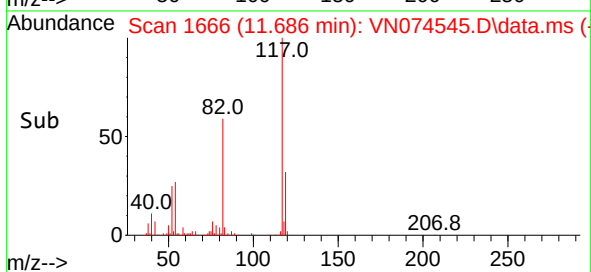
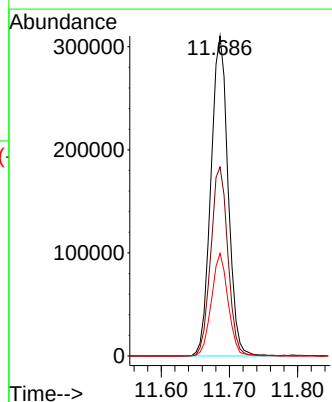
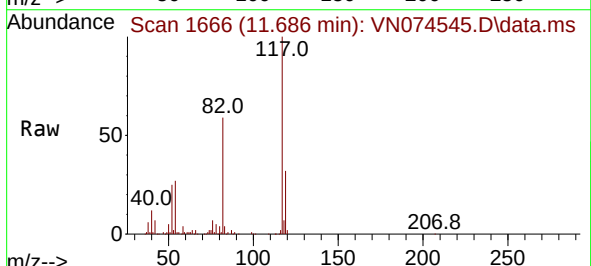
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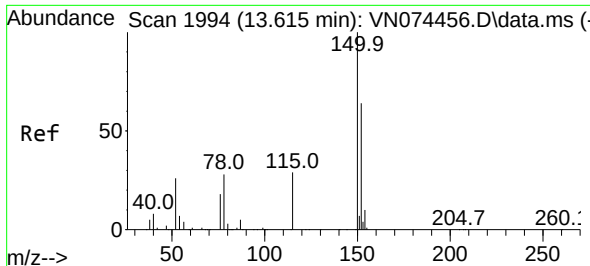
Tgt Ion: 95 Resp: 254440
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 71.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074545.D
Acq: 17 Sep 2022 06:10

Tgt Ion: 117 Resp: 543439
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 32.1 25.4 38.0

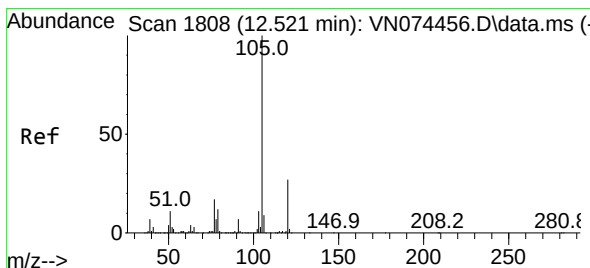
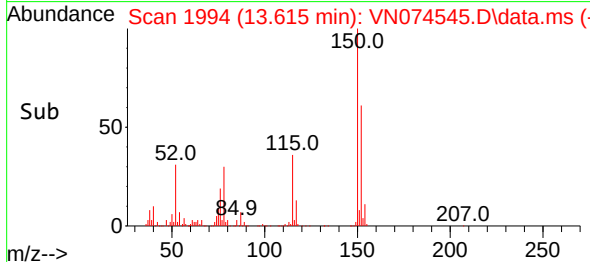
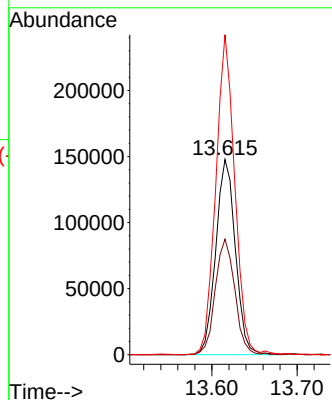
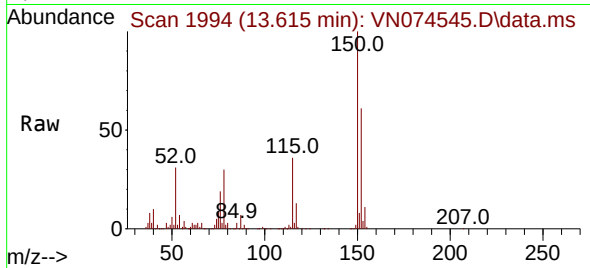




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074545.D
 Acq: 17 Sep 2022 06:10

Instrument :
 MSVOA_N
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 MW-61

Tgt Ion:152 Resp: 237357
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.9 86.7
 150 158.4 0.0 356.2



#73
 Isopropylbenzene
 Concen: 0.338 ug/l
 RT: 12.521 min Scan# 1808
 Delta R.T. 0.000 min
 Lab File: VN074545.D
 Acq: 17 Sep 2022 06:10

Tgt Ion:105 Resp: 8213
 Ion Ratio Lower Upper
 105 100
 120 22.7 13.5 40.4

