

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074533.D
 Acq On : 17 Sep 2022 01:19
 Operator : JC\MD
 Sample : N4549-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50

Quant Time: Sep 17 06:18:09 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)

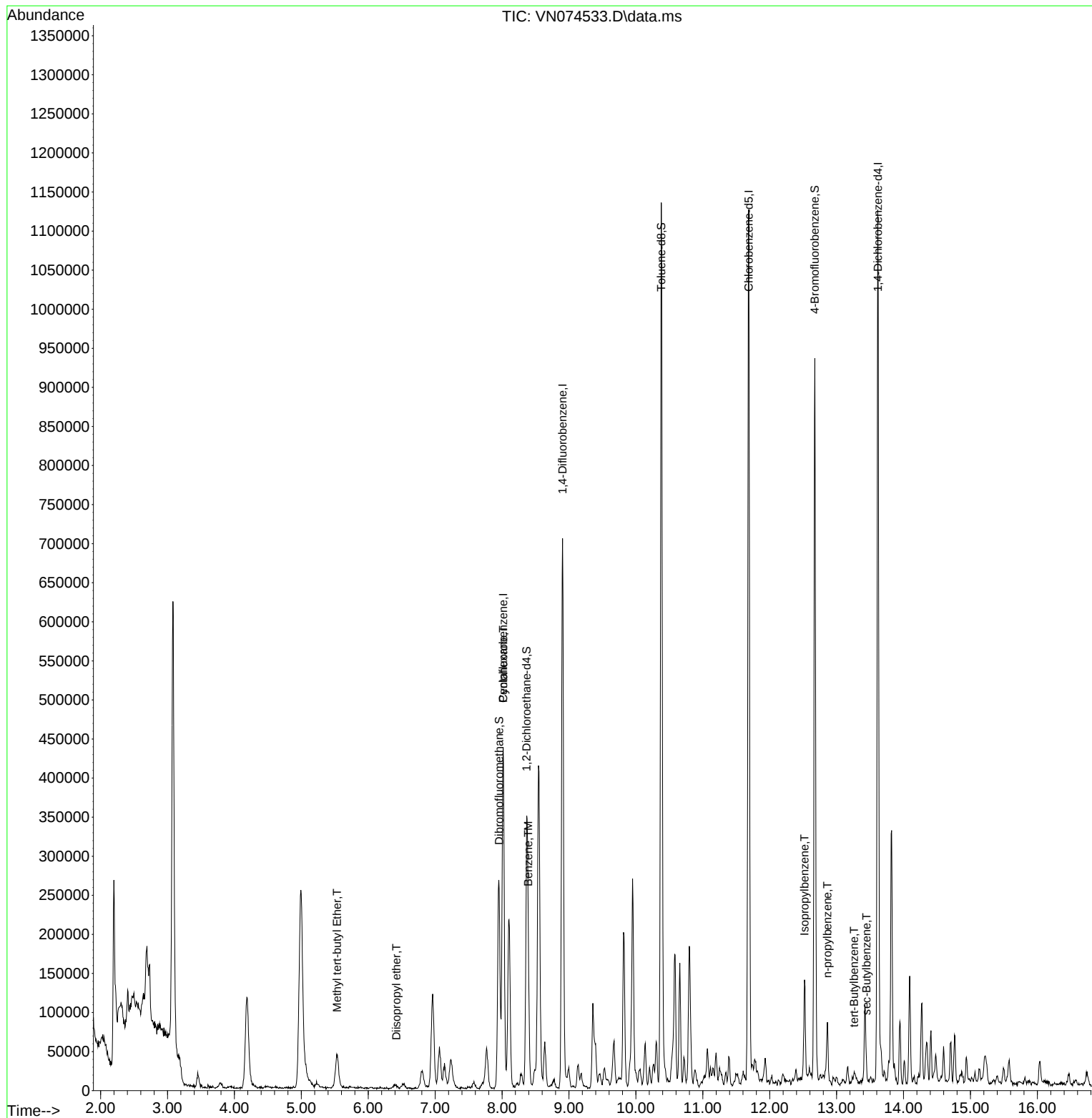
Internal Standards						
1) Pentafluorobenzene	8.016	168	293250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	574817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	571628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	257325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	234592	47.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	7.957	113	190900	49.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	10.380	98	714865	48.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.820%		
62) 4-Bromofluorobenzene	12.674	95	274049	54.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.360%		
Target Compounds						
19) Methyl tert-butyl Ether	5.534	73	8213	0.505	ug/l #	1
22) Diisopropyl ether	6.422	45	5389	0.291	ug/l #	69
31) Cyclohexane	8.016	56	25904	2.933	ug/l #	78
40) Benzene	8.392	78	87294	4.177	ug/l	98
73) Isopropylbenzene	12.521	105	78260	2.970	ug/l	93
78) n-propylbenzene	12.862	91	57964	1.847	ug/l	98
83) tert-Butylbenzene	13.262	119	5544	0.284	ug/l	85
85) sec-Butylbenzene	13.445	105	10216	0.381	ug/l #	1

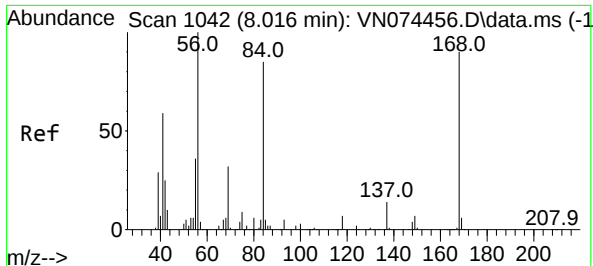
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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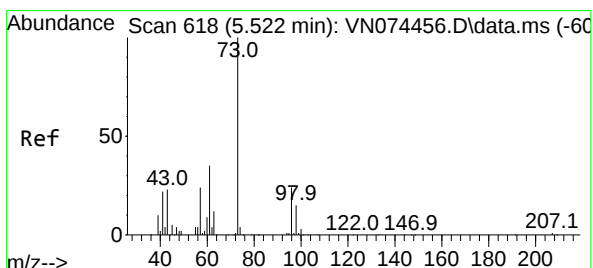
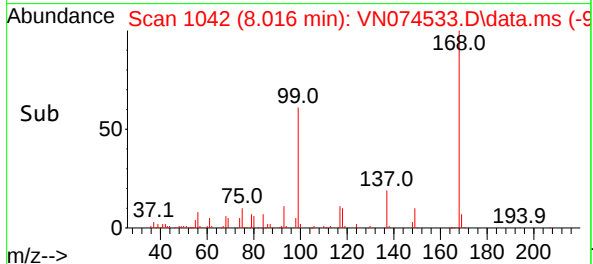
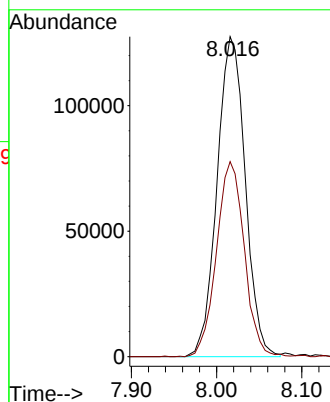
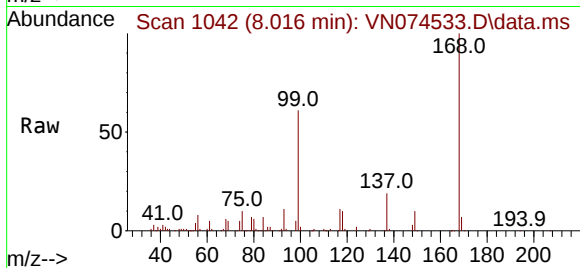




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

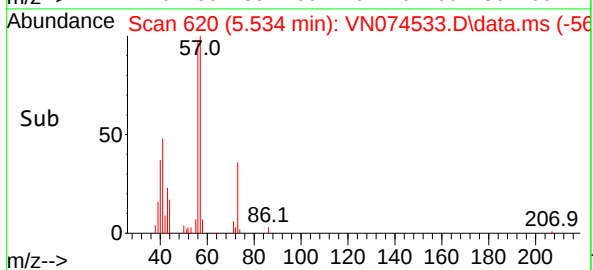
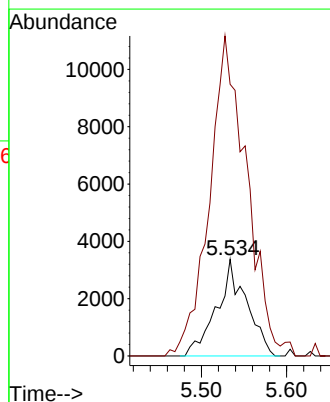
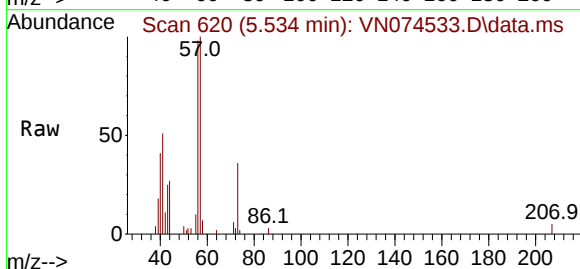
Instrument :
MSVOA_N
ClientSampleId :
MW-50

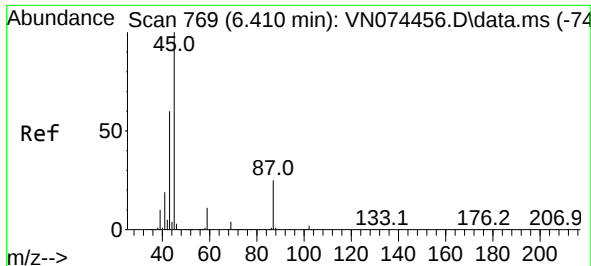
Tgt Ion:168 Resp: 293250
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 0.505 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.012 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Tgt Ion: 73 Resp: 8213
Ion Ratio Lower Upper
73 100
57 270.9 17.6 26.4#

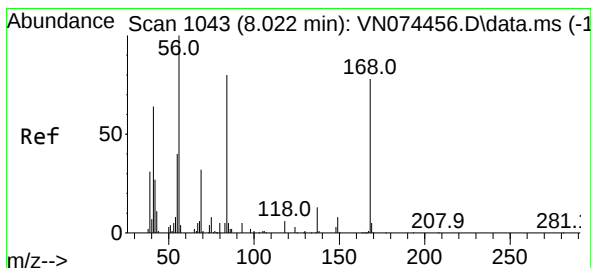
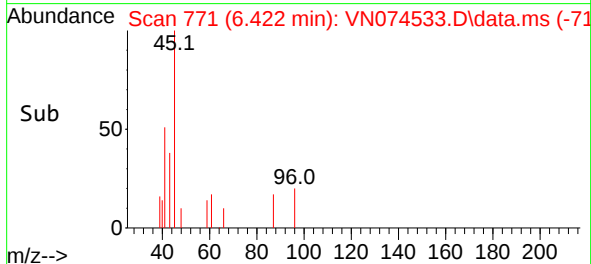
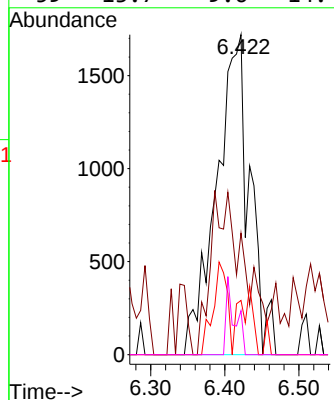
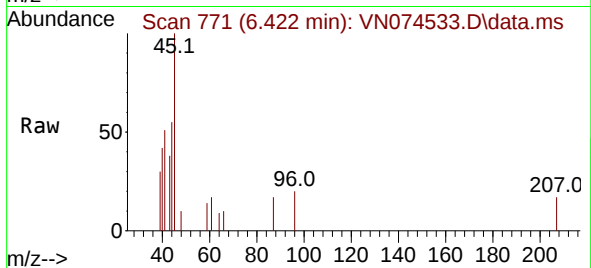




#22
Diisopropyl ether
Concen: 0.291 ug/l
RT: 6.422 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

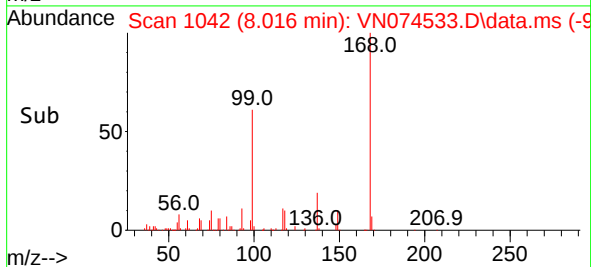
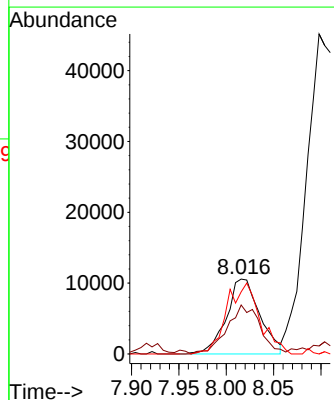
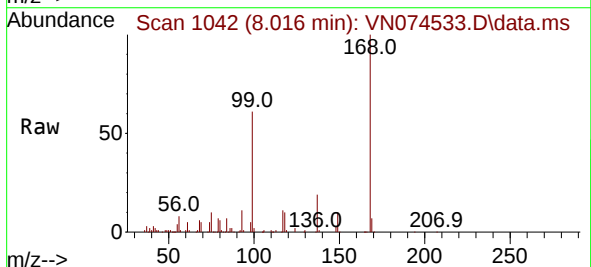
Instrument :
MSVOA_N
ClientSampleId :
MW-50

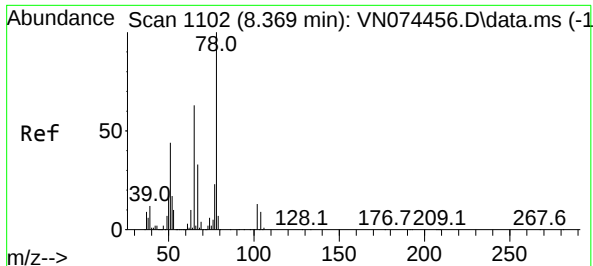
Tgt Ion:	45	Resp:	5389
Ion	Ratio	Lower	Upper
45	100		
43	28.2	46.6	70.0#
87	16.9	24.3	36.5#
59	13.7	9.6	14.4



#31
Cyclohexane
Concen: 2.933 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Tgt Ion:	56	Resp:	25904
Ion	Ratio	Lower	Upper
56	100		
69	60.2	27.8	41.8#
84	82.9	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 47.148 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074533.D

Acq: 17 Sep 2022 01:19

Instrument :

MSVOA_N

ClientSampleId :

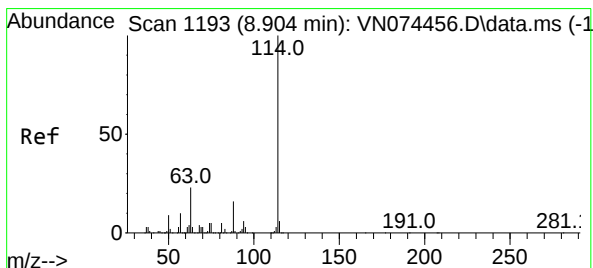
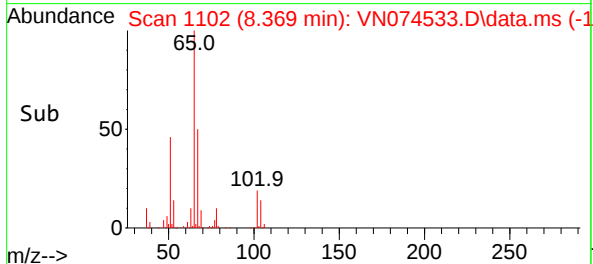
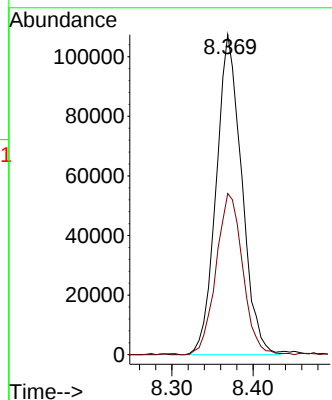
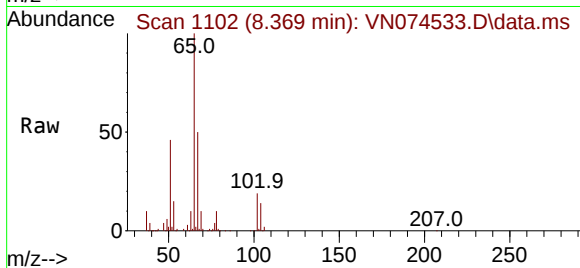
MW-50

Tgt Ion: 65 Resp: 234592

Ion Ratio Lower Upper

65 100

67 52.5 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: VN074533.D

Acq: 17 Sep 2022 01:19

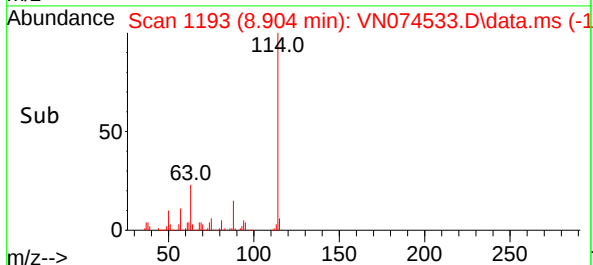
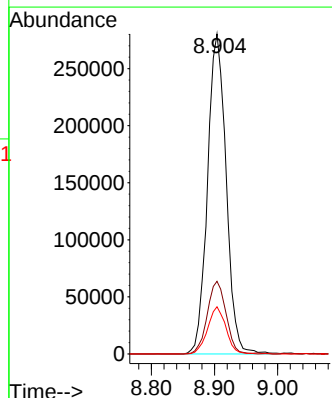
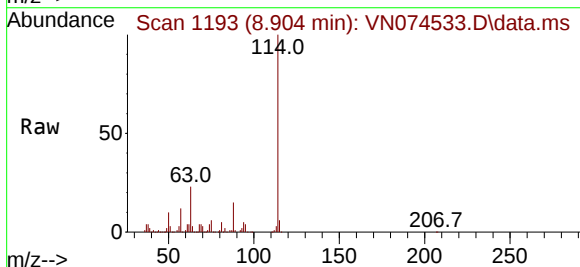
Tgt Ion: 114 Resp: 574817

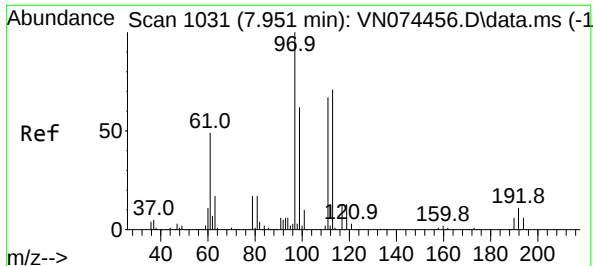
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.995 ug/l

RT: 7.957 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074533.D

Acq: 17 Sep 2022 01:19

Instrument :

MSVOA_N

ClientSampleId :

MW-50

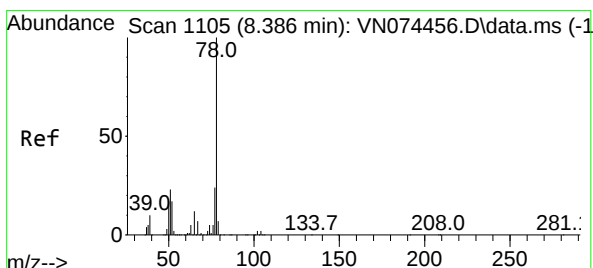
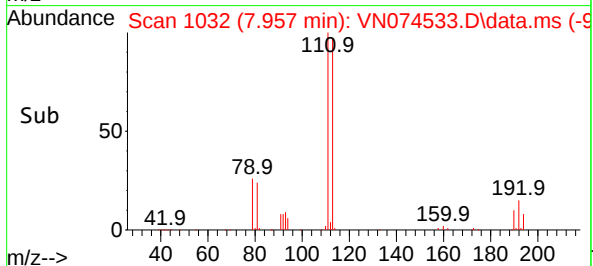
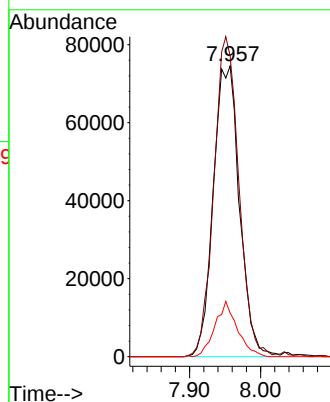
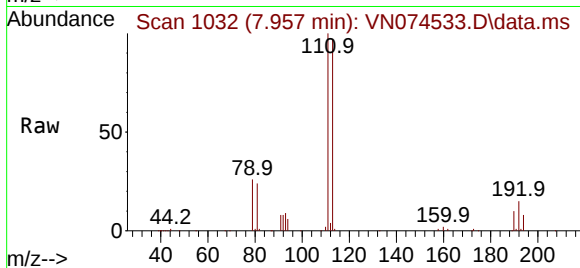
Tgt Ion:113 Resp: 190900

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 16.3 17.0 25.6#



#40

Benzene

Concen: 4.177 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074533.D

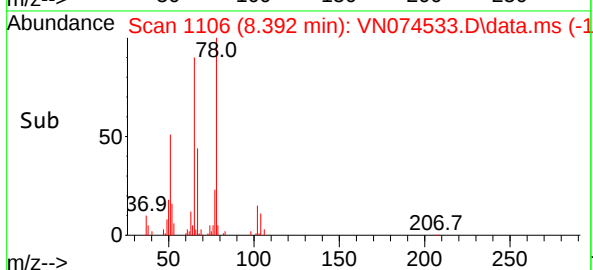
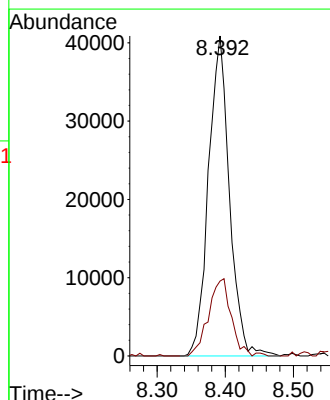
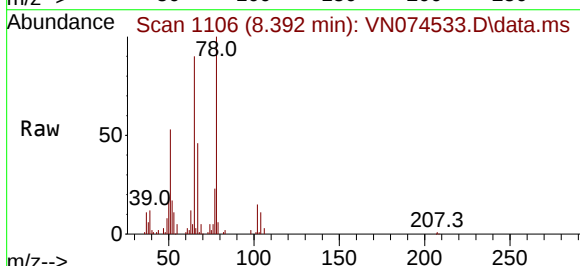
Acq: 17 Sep 2022 01:19

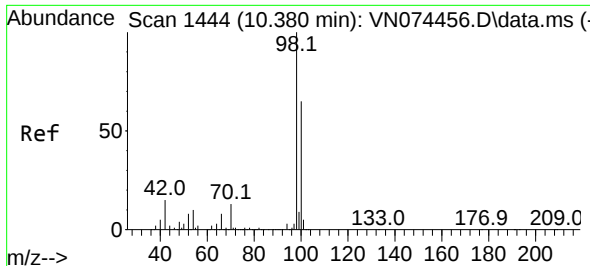
Tgt Ion: 78 Resp: 87294

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

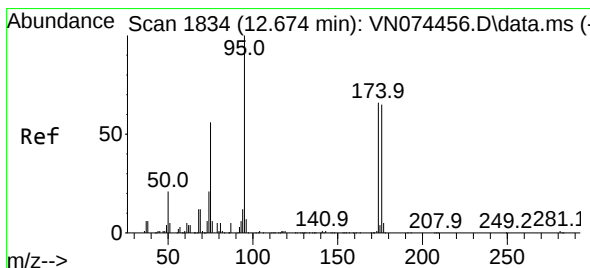
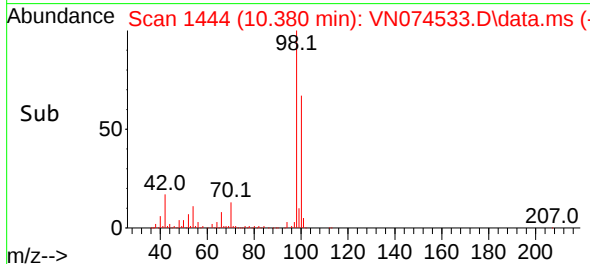
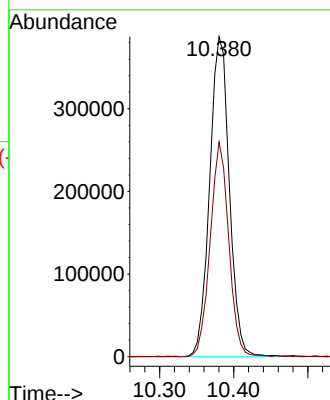
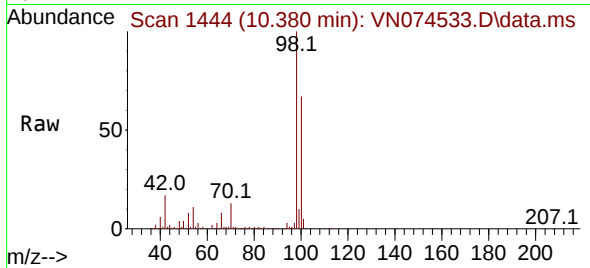




#50
Toluene-d8
Concen: 48.409 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

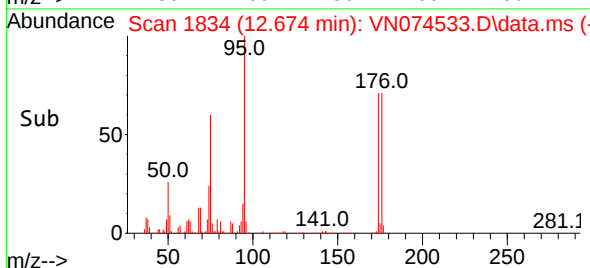
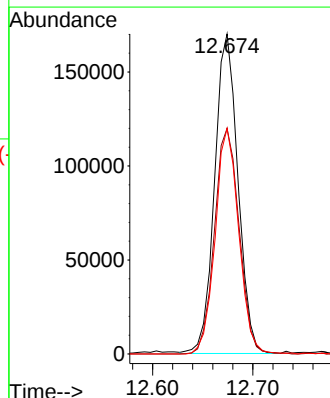
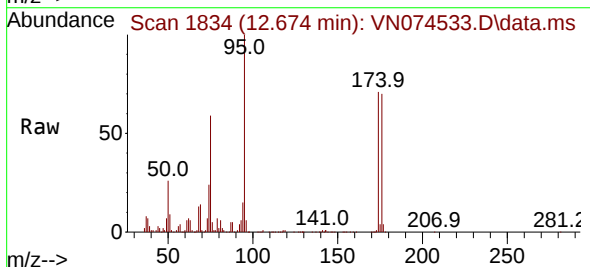
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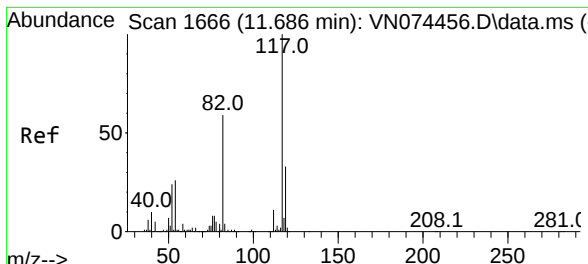
Tgt Ion: 98 Resp: 714865
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.184 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Tgt Ion: 95 Resp: 274049
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 71.3 0.0 163.4

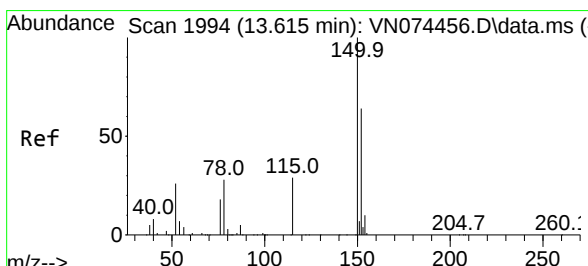
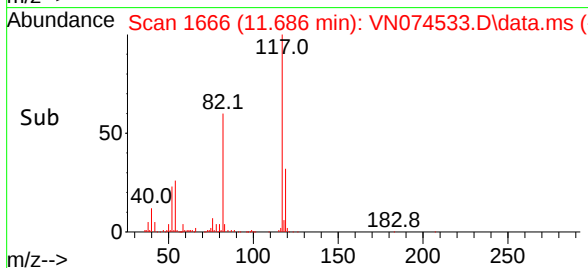
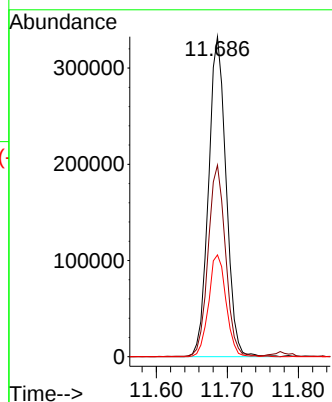
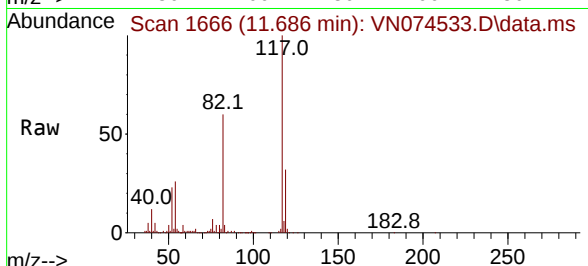




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

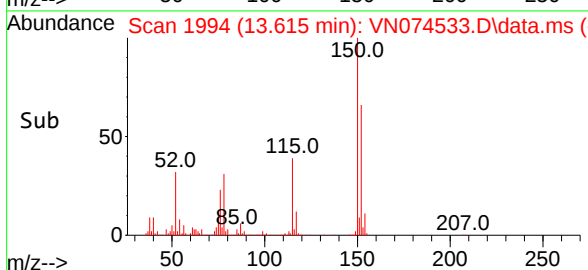
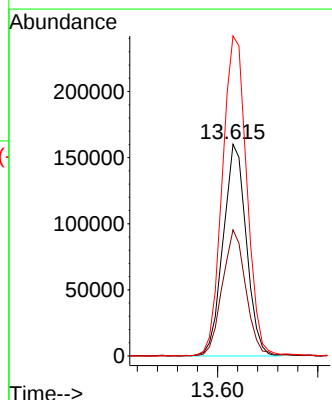
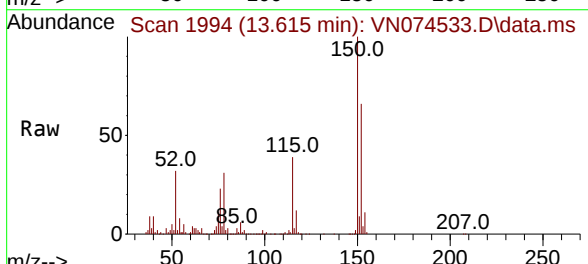
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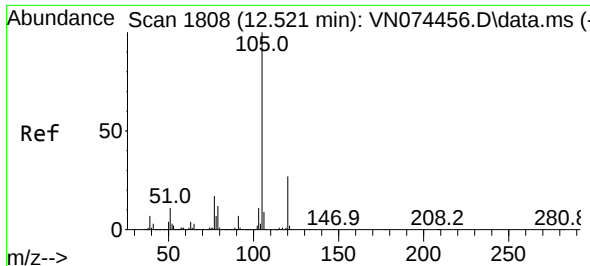
Tgt Ion:117 Resp: 571628
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Tgt Ion:152 Resp: 257325
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 159.6 0.0 356.2

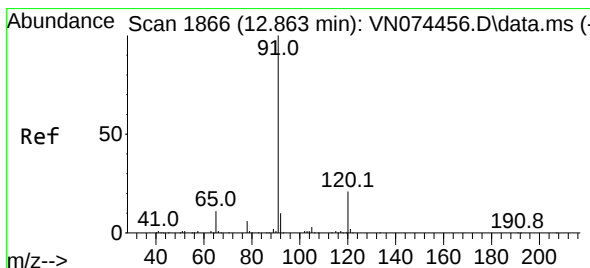
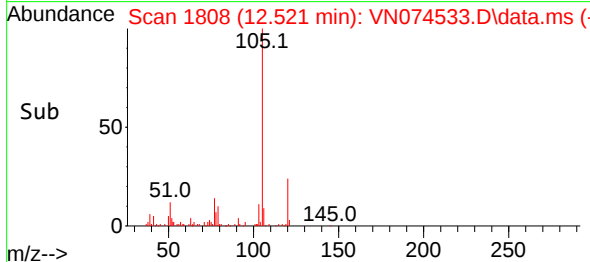
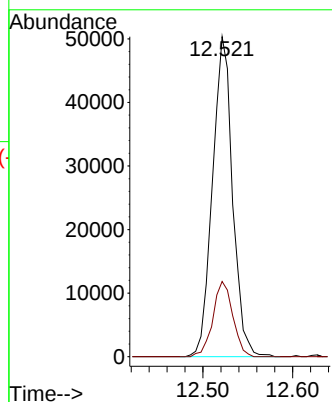
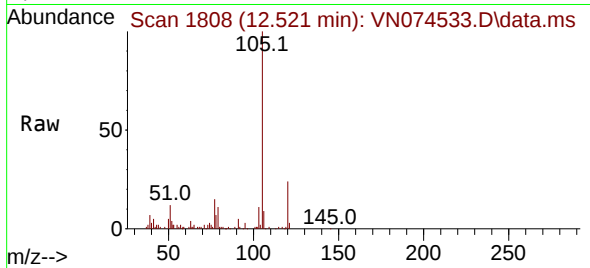




#73
Isopropylbenzene
Concen: 2.970 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

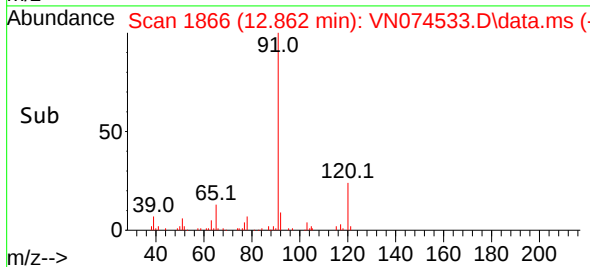
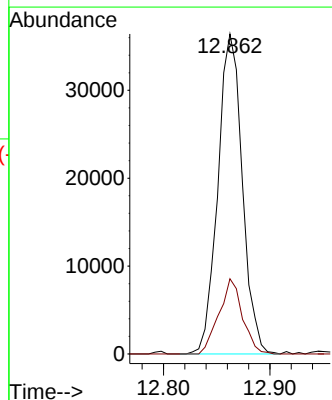
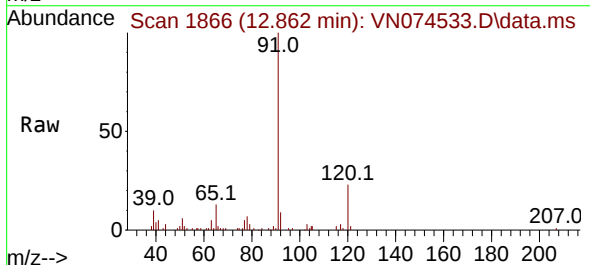
Instrument :
MSVOA_N
ClientSampleId :
MW-50

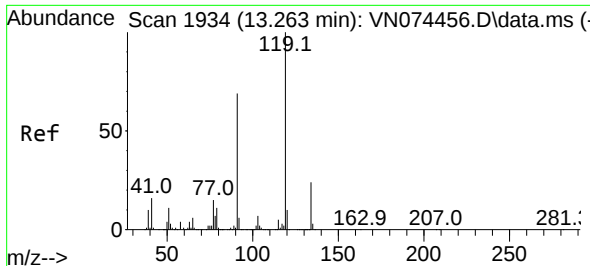
Tgt Ion:105 Resp: 78260
Ion Ratio Lower Upper
105 100
120 23.3 13.5 40.4



#78
n-propylbenzene
Concen: 1.847 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Tgt Ion: 91 Resp: 57964
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5

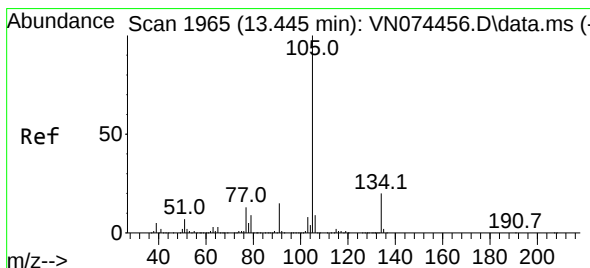
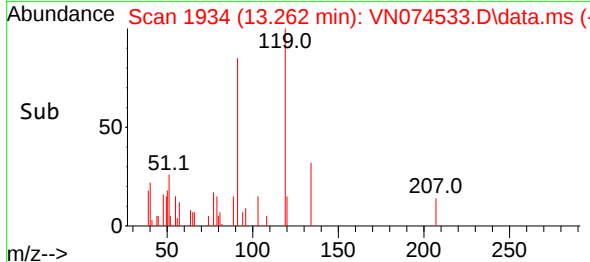
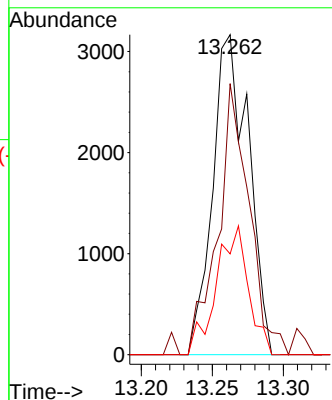
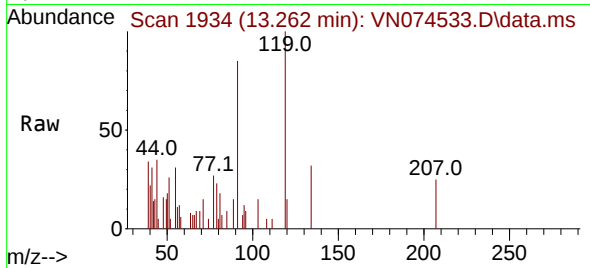




#83
tert-Butylbenzene
Concen: 0.284 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Instrument :
MSVOA_N
ClientSampleId :
MW-50

Tgt Ion:119 Resp: 5544
Ion Ratio Lower Upper
119 100
91 74.1 31.6 94.8
134 36.2 13.7 41.1



#85
sec-Butylbenzene
Concen: 0.381 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VN074533.D
Acq: 17 Sep 2022 01:19

Tgt Ion:105 Resp: 10216
Ion Ratio Lower Upper
105 100
134 133.2 10.4 31.1#

