

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074313.D
 Acq On : 03 Sep 2022 02:40
 Operator : JC\MD
 Sample : N4355-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-35

Quant Time: Sep 03 07:09:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

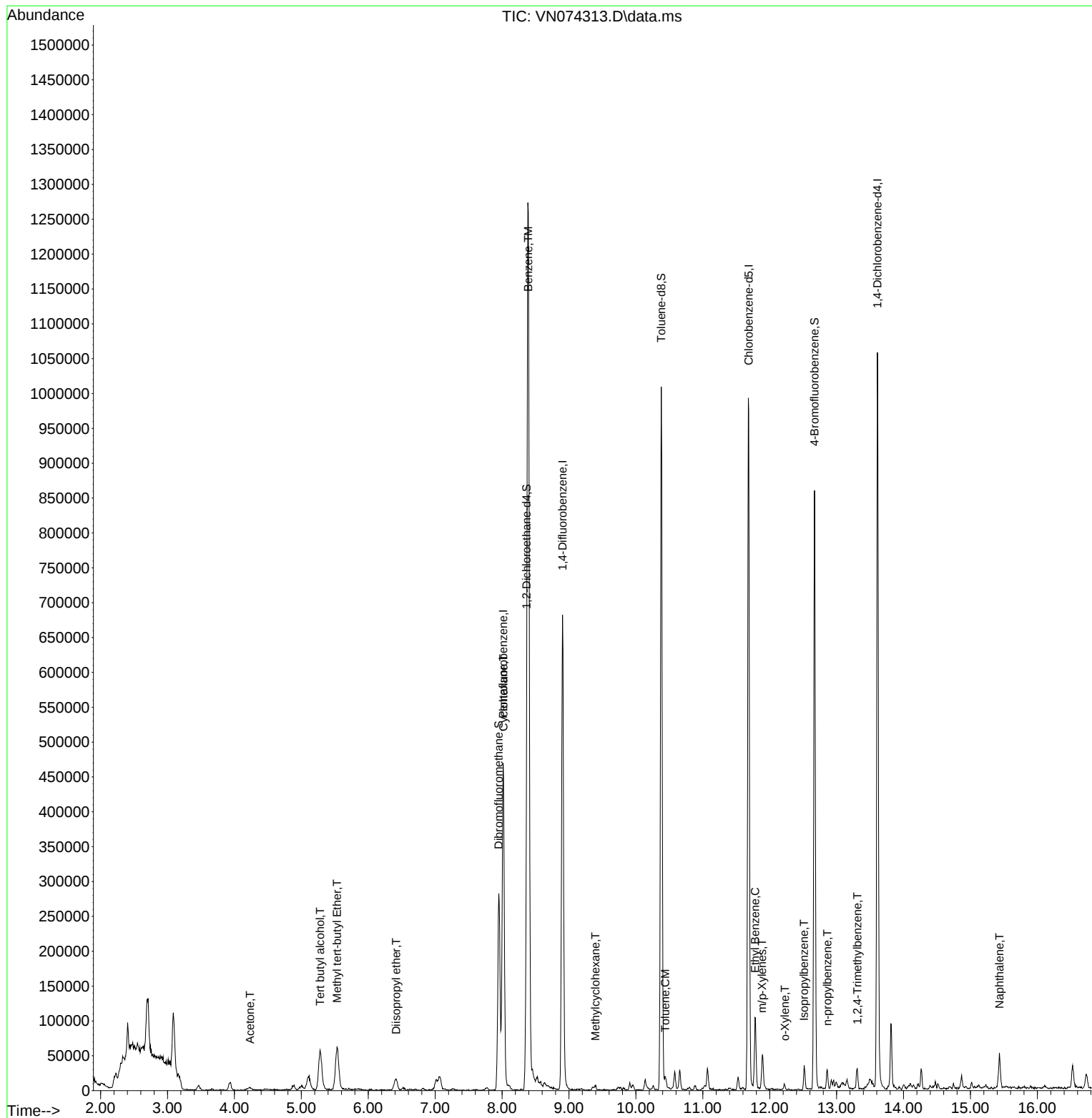
Internal Standards						
1) Pentafluorobenzene	8.016	168	327393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	599605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	261043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	231348	45.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.660%		
35) Dibromofluoromethane	7.951	113	194690	49.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	10.380	98	678420	43.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.600%		
62) 4-Bromofluorobenzene	12.668	95	256092	44.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.940%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.281	59	98558	106.447	ug/l	99
16) Acetone	4.234	43	6925	3.247	ug/l #	77
19) Methyl tert-butyl Ether	5.534	73	98376	7.702	ug/l	100
22) Diisopropyl ether	6.416	45	17302	1.422	ug/l #	84
31) Cyclohexane	8.022	56	18683	2.741	ug/l #	76
39) Methylcyclohexane	9.398	83	2773	0.408	ug/l #	78
40) Benzene	8.392	78	1196628	67.265	ug/l	100
52) Toluene	10.439	92	5638	0.513	ug/l	95
67) Ethyl Benzene	11.780	91	70789	3.114	ug/l	95
68) m/p-Xylenes	11.886	106	16506	1.945	ug/l	96
69) o-Xylene	12.227	106	2461	0.291	ug/l	88
73) Isopropylbenzene	12.515	105	20497	0.897	ug/l	99
78) n-propylbenzene	12.862	91	21504	0.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	18291	0.985	ug/l	94
95) Naphthalene	15.433	128	44106	3.062	ug/l #	94

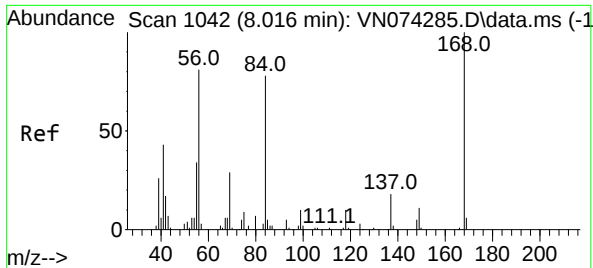
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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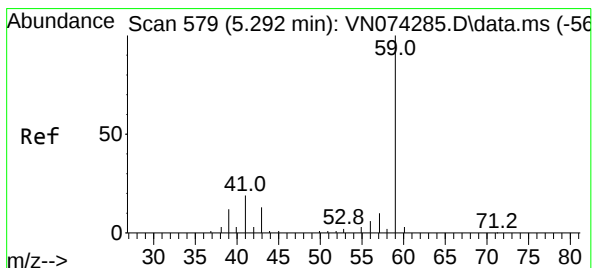
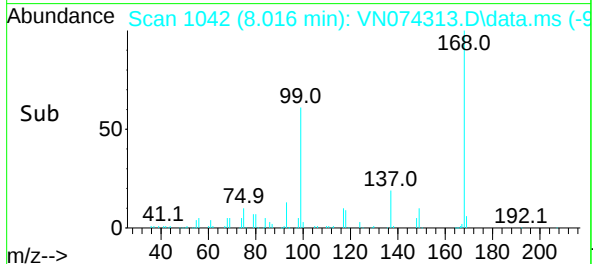
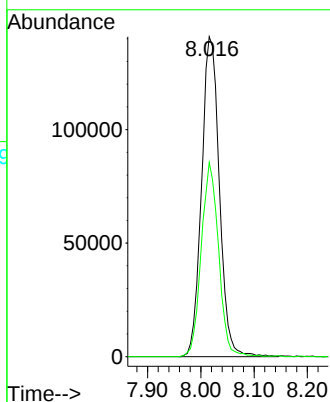
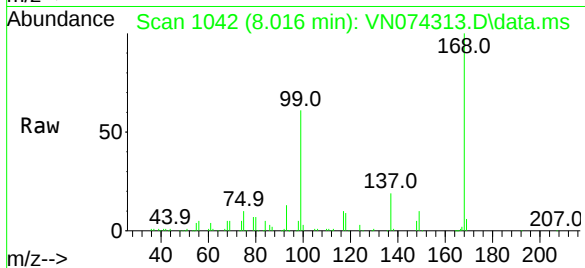




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

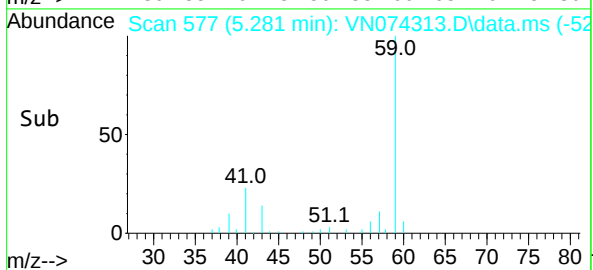
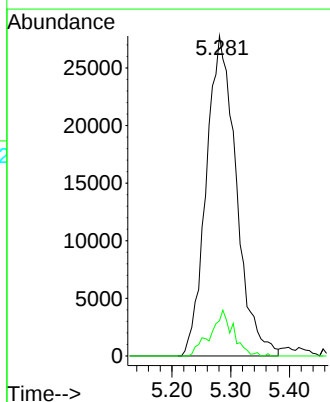
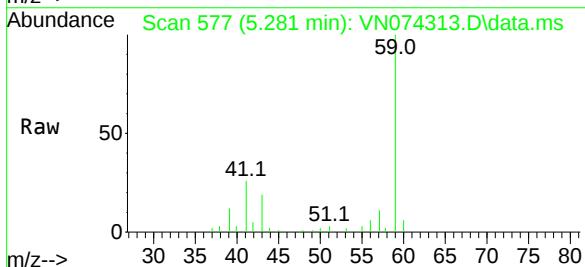
Instrument :
MSVOA_N
ClientSampleId :
MW-35

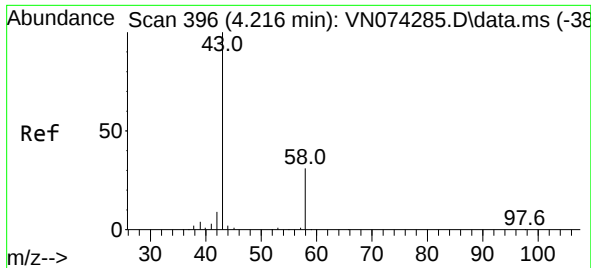
Tgt Ion:168 Resp: 327393
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#11
Tert butyl alcohol
Concen: 106.447 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion: 59 Resp: 98558
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5





#16

Acetone

Concen: 3.247 ug/l

RT: 4.234 min Scan# 396

Delta R.T. 0.012 min

Lab File: VN074313.D

Acq: 03 Sep 2022 02:40

Instrument :

MSVOA_N

ClientSampleId :

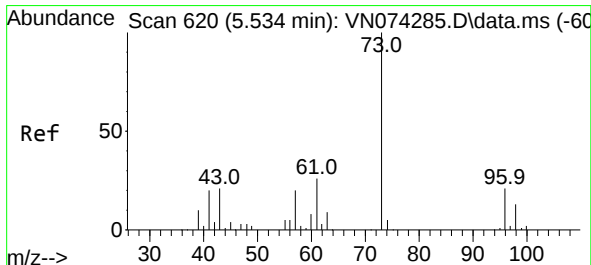
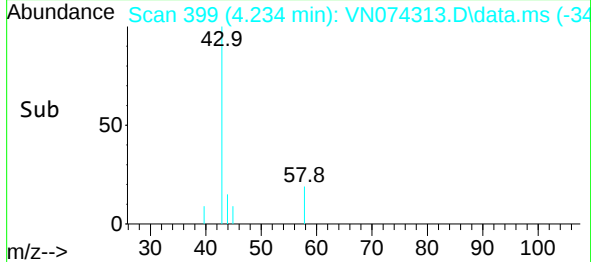
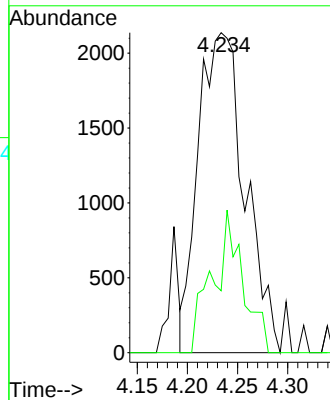
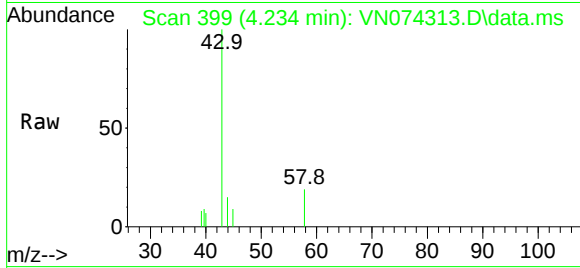
MW-35

Tgt Ion: 43 Resp: 6925

Ion Ratio Lower Upper

43 100

58 19.4 26.0 39.0#



#19

Methyl tert-butyl Ether

Concen: 7.702 ug/l

RT: 5.534 min Scan# 620

Delta R.T. -0.000 min

Lab File: VN074313.D

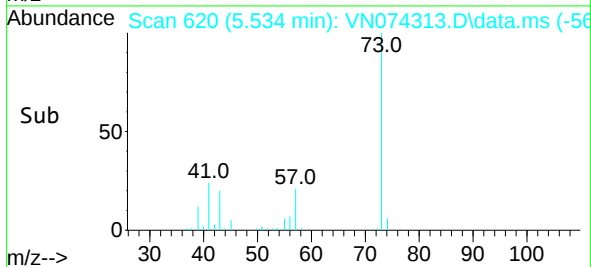
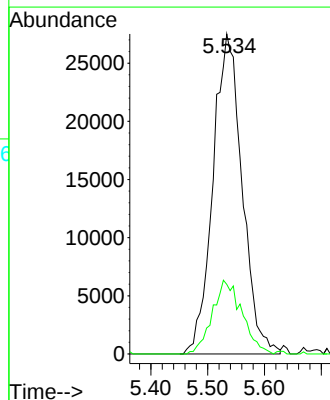
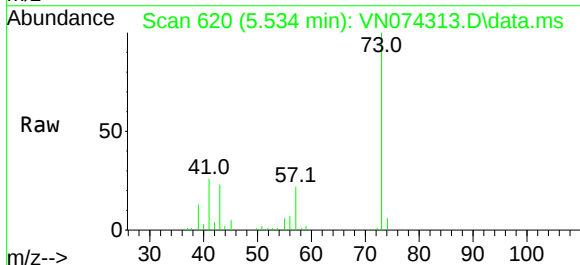
Acq: 03 Sep 2022 02:40

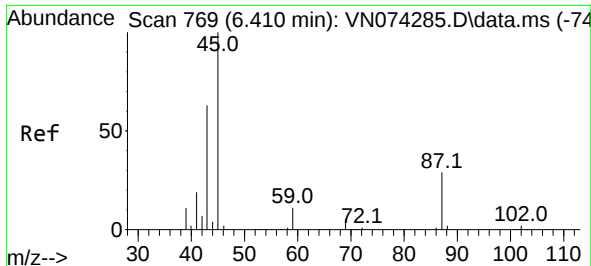
Tgt Ion: 73 Resp: 98376

Ion Ratio Lower Upper

73 100

57 21.8 17.6 26.4

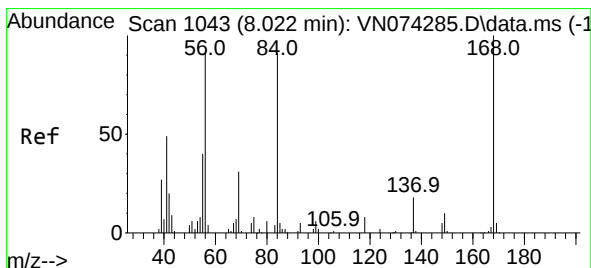
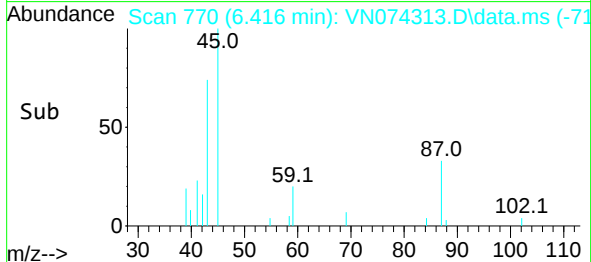
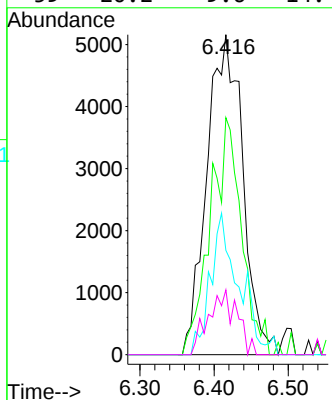
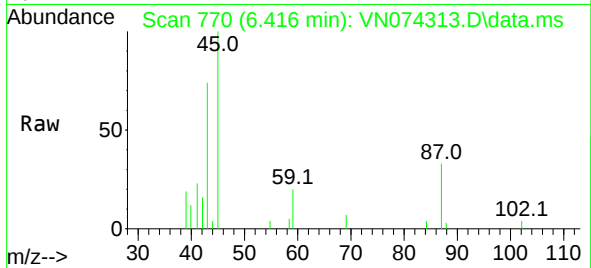




#22
Diisopropyl ether
Concen: 1.422 ug/l
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

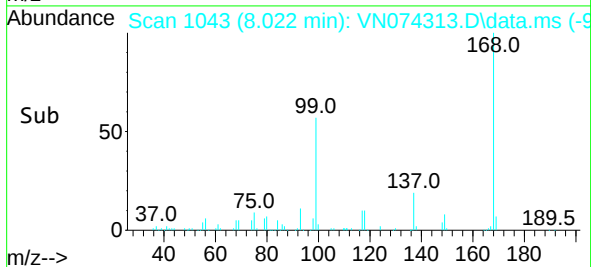
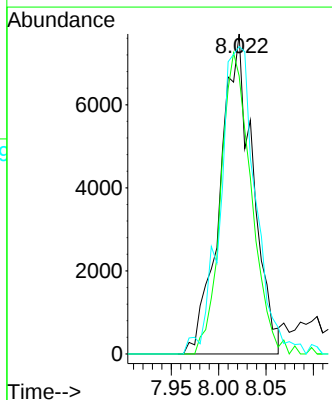
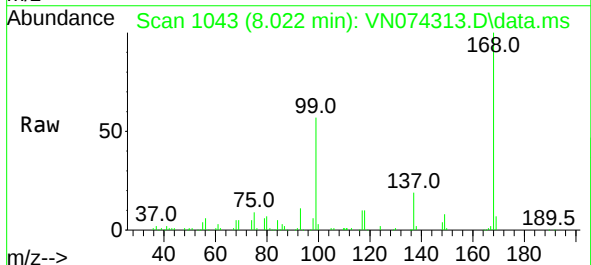
Instrument :
MSVOA_N
ClientSampleId :
MW-35

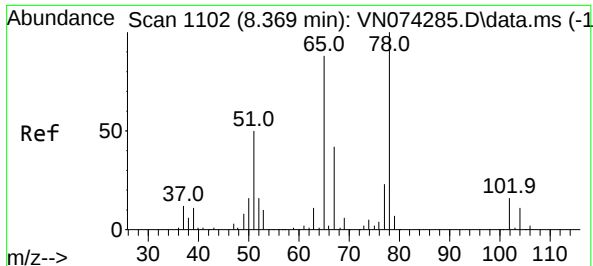
Tgt Ion:	45	Resp:	17302
Ion	Ratio	Lower	Upper
45	100		
43	74.0	46.6	70.0#
87	32.6	24.3	36.5
59	20.2	9.6	14.4#



#31
Cyclohexane
Concen: 2.741 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion:	56	Resp:	18683
Ion	Ratio	Lower	Upper
56	100		
69	86.8	27.8	41.8#
84	96.1	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 45.331 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074313.D

Acq: 03 Sep 2022 02:40

Instrument :

MSVOA_N

ClientSampleId :

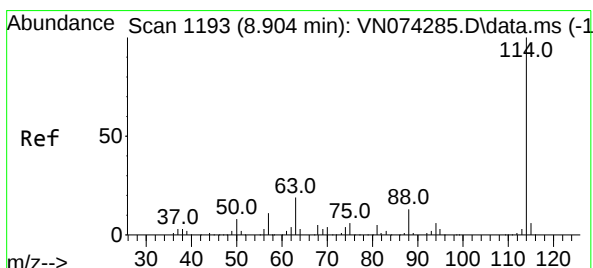
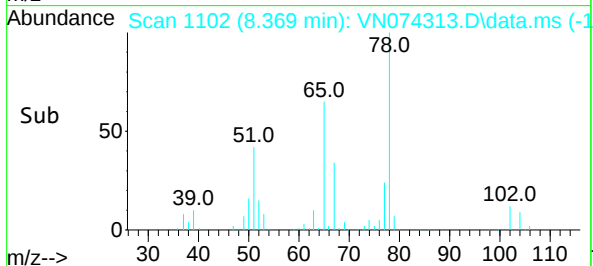
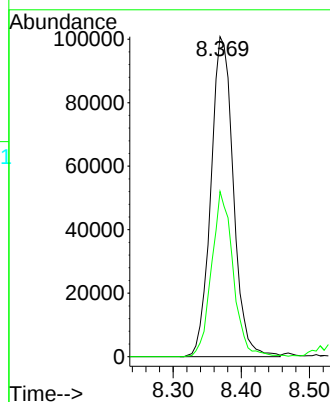
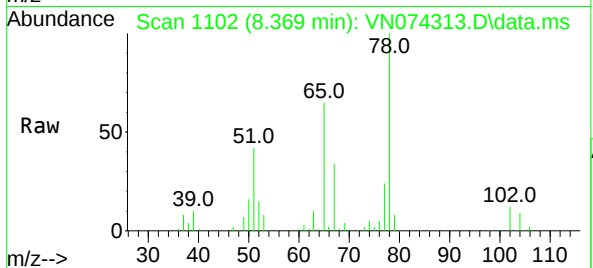
MW-35

Tgt Ion: 65 Resp: 231348

Ion Ratio Lower Upper

65 100

67 49.6 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: VN074313.D

Acq: 03 Sep 2022 02:40

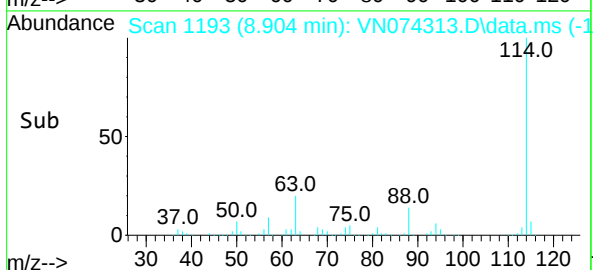
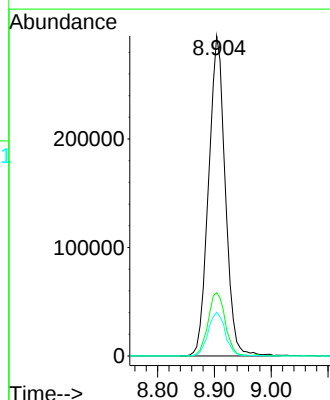
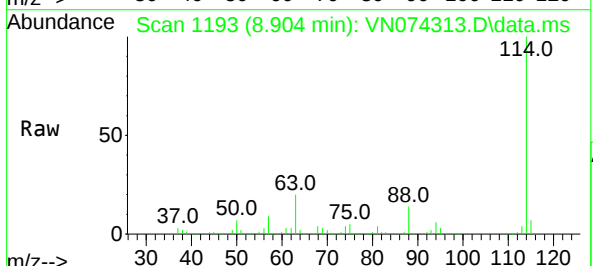
Tgt Ion: 114 Resp: 599605

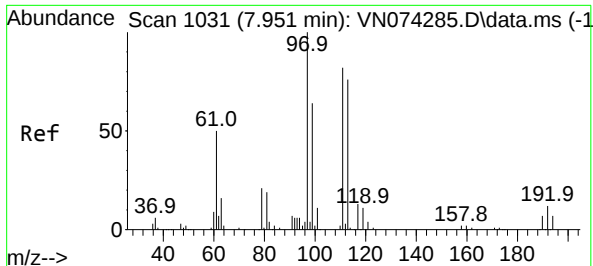
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 13.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.000 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074313.D

Acq: 03 Sep 2022 02:40

Instrument :

MSVOA_N

ClientSampleId :

MW-35

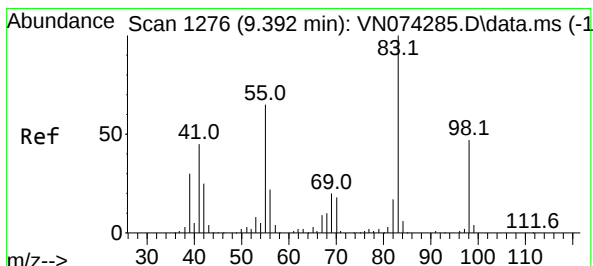
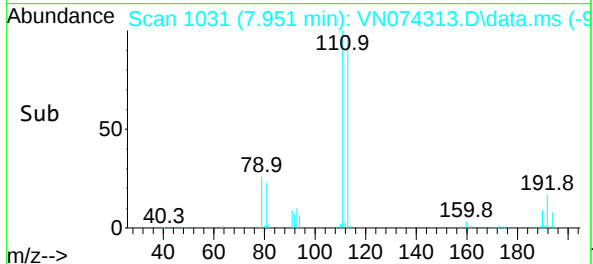
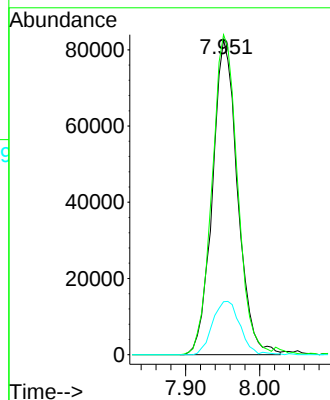
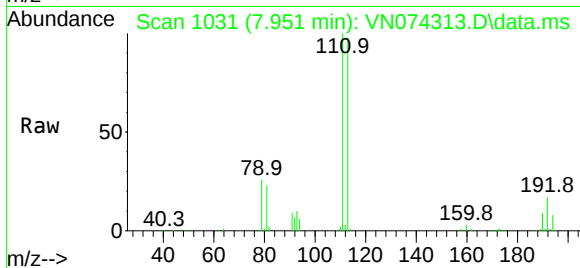
Tgt Ion:113 Resp: 194690

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.6 17.0 25.6



#39

Methylcyclohexane

Concen: 0.408 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074313.D

Acq: 03 Sep 2022 02:40

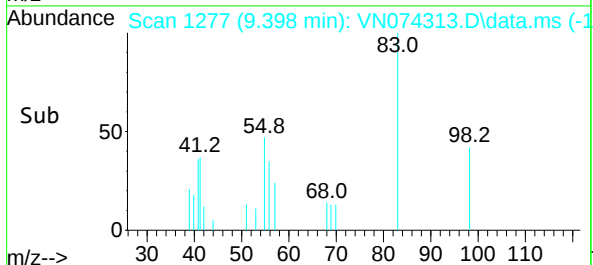
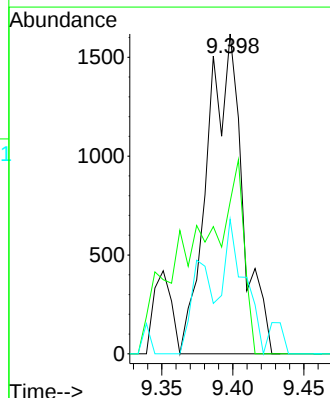
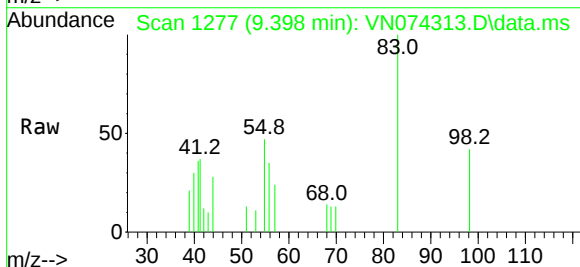
Tgt Ion: 83 Resp: 2773

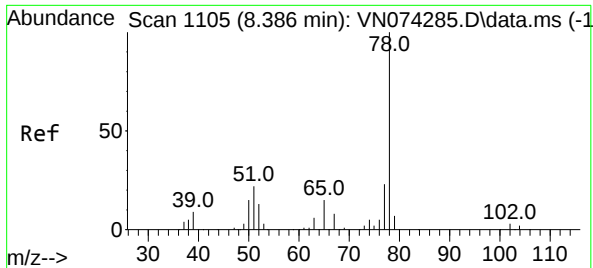
Ion Ratio Lower Upper

83 100

55 47.5 57.8 86.8#

98 42.1 39.4 59.2

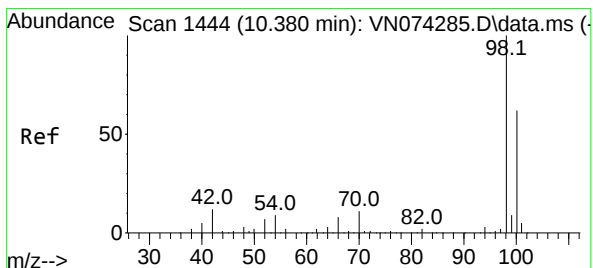
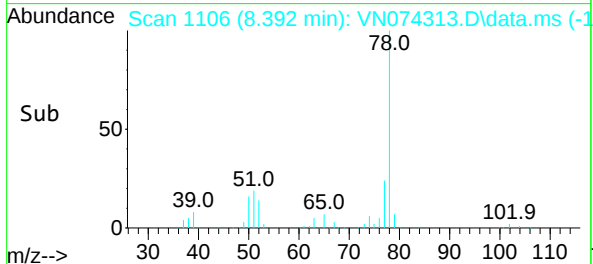
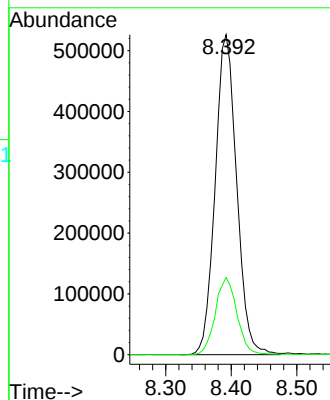
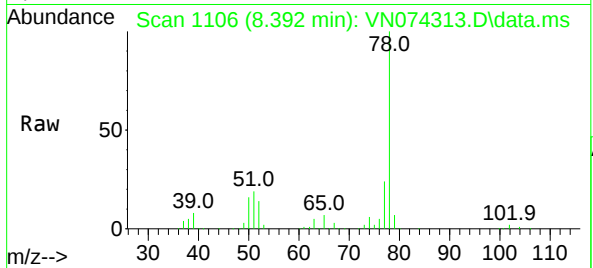




#40
Benzene
Concen: 67.265 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

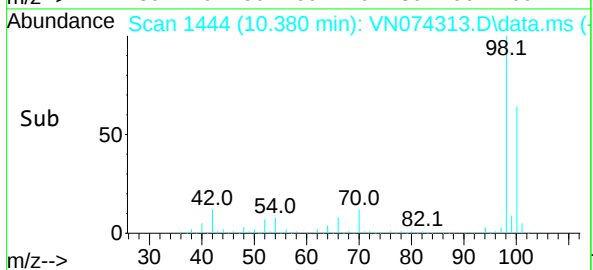
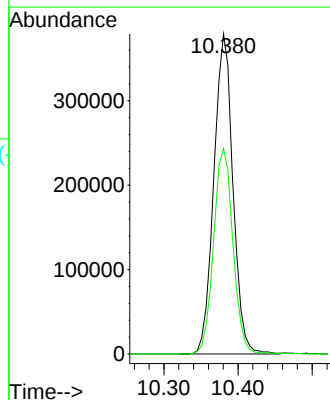
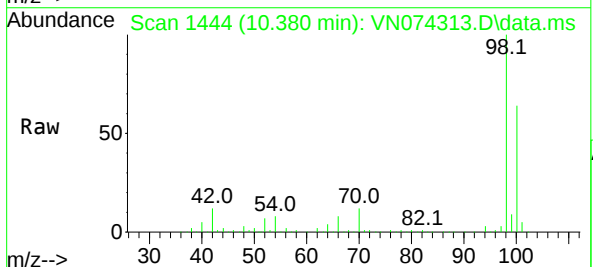
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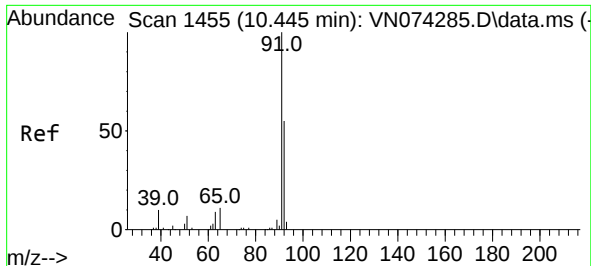
Tgt Ion: 78 Resp: 1196628
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



#50
Toluene-d8
Concen: 43.301 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion: 98 Resp: 678420
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

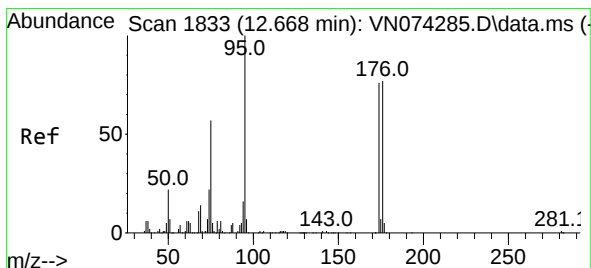
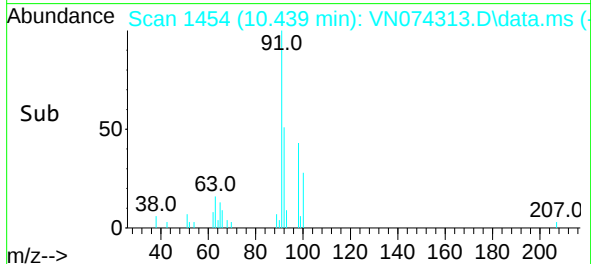
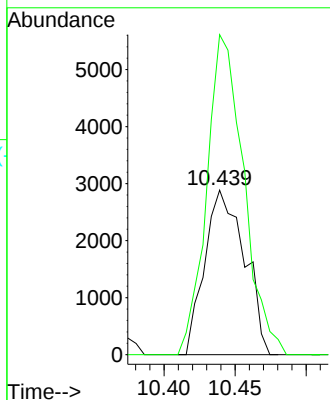
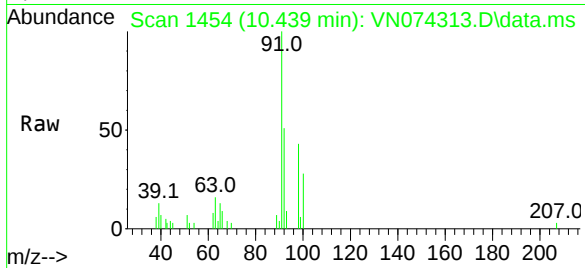




#52
Toluene
Concen: 0.513 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

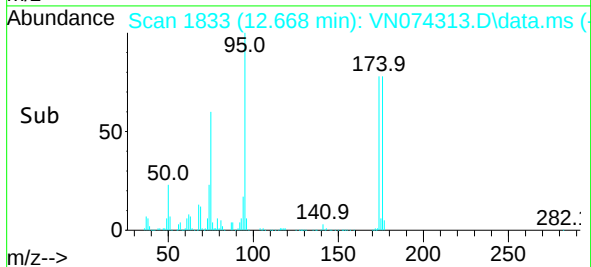
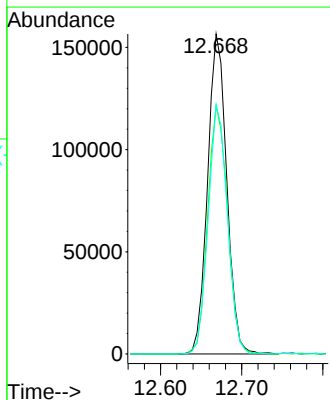
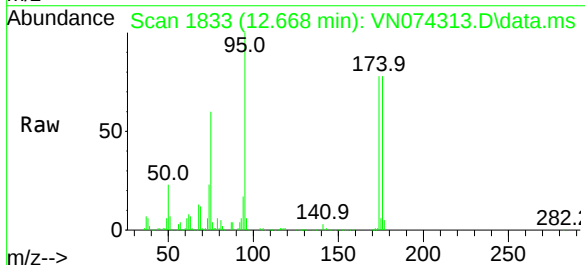
Instrument :
MSVOA_N
ClientSampleId :
MW-35

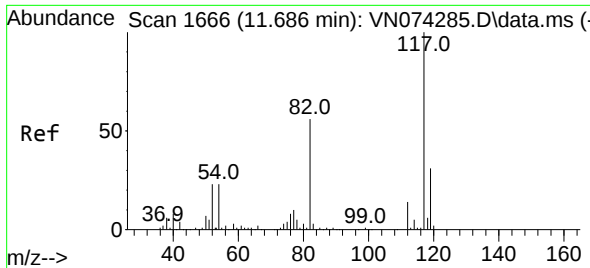
Tgt Ion: 92 Resp: 5638
Ion Ratio Lower Upper
92 100
91 180.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 44.973 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion: 95 Resp: 256092
Ion Ratio Lower Upper
95 100
174 79.8 0.0 167.6
176 78.4 0.0 163.4

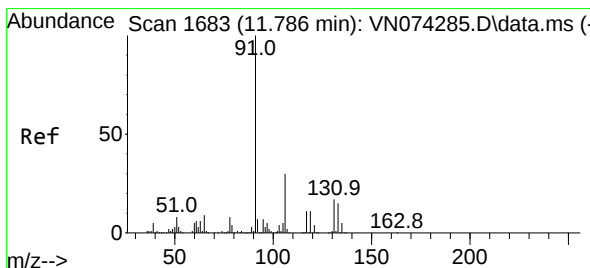
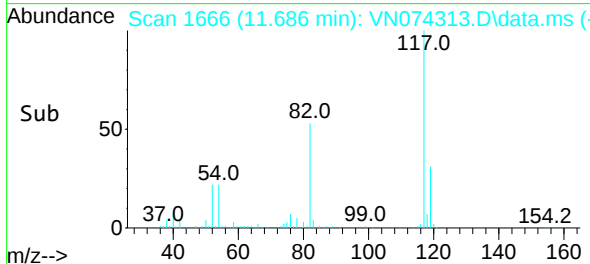
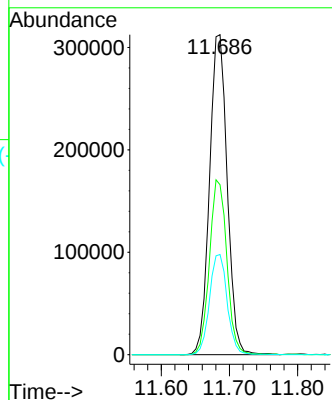
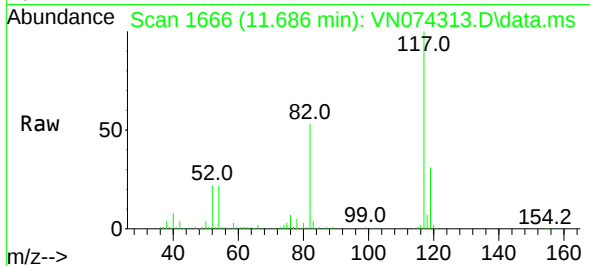




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

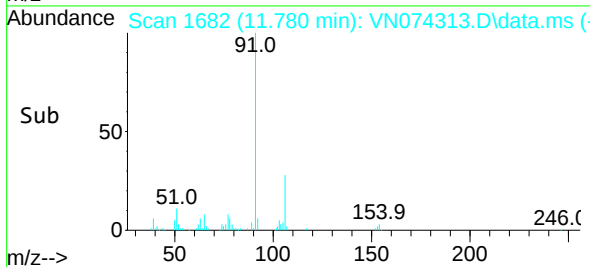
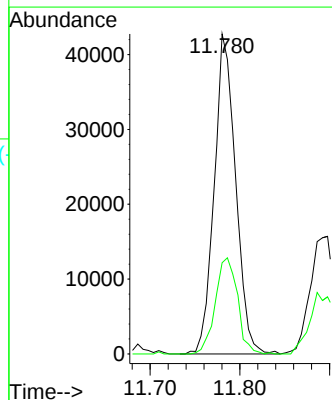
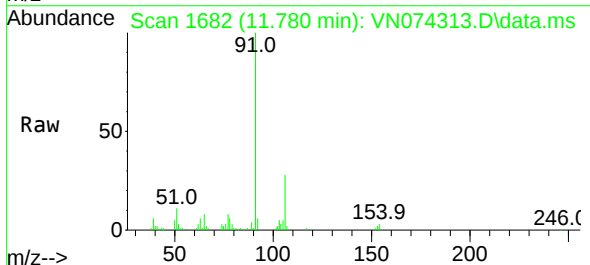
Instrument :
MSVOA_N
ClientSampleId :
MW-35

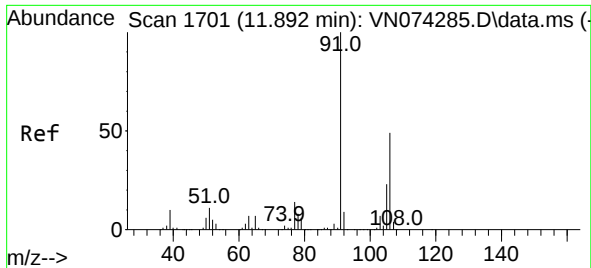
Tgt Ion:117 Resp: 564137
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.3 25.4 38.0



#67
Ethyl Benzene
Concen: 3.114 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion: 91 Resp: 70789
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3

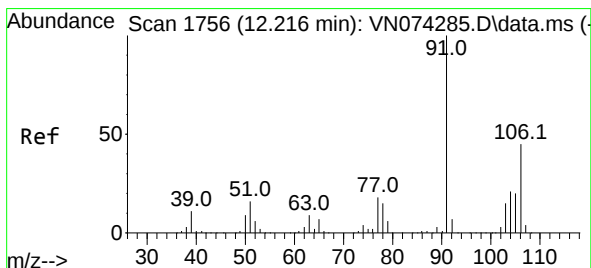
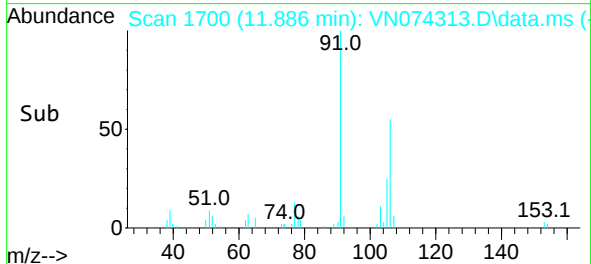
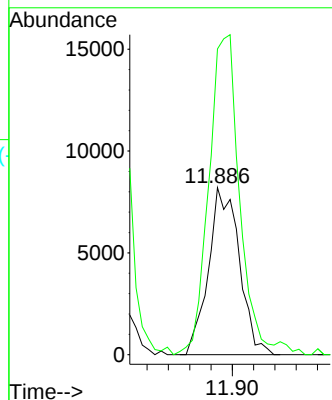
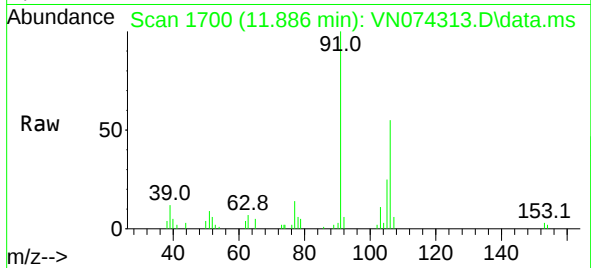




#68
m/p-Xylenes
Concen: 1.945 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

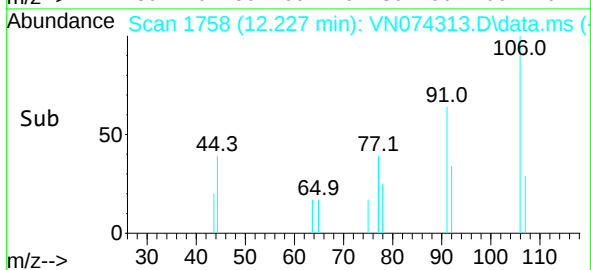
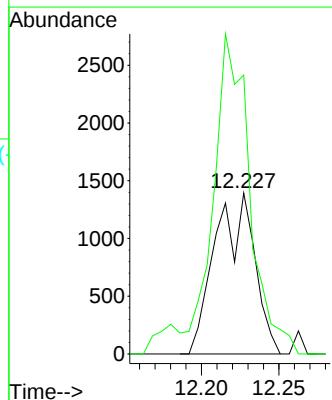
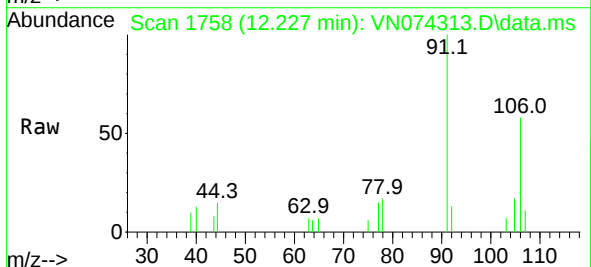
Instrument :
MSVOA_N
ClientSampleId :
MW-35

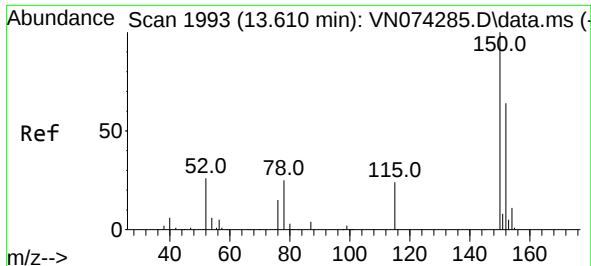
Tgt Ion:106 Resp: 16506
Ion Ratio Lower Upper
106 100
91 192.2 158.9 238.3



#69
o-Xylene
Concen: 0.291 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion:106 Resp: 2461
Ion Ratio Lower Upper
106 100
91 193.6 106.0 318.0

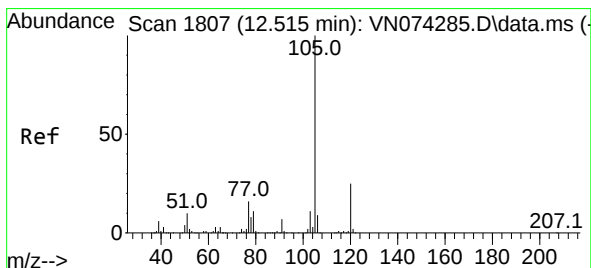
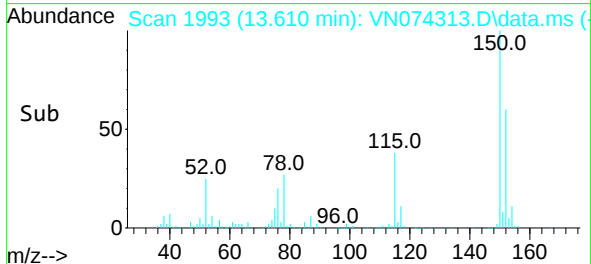
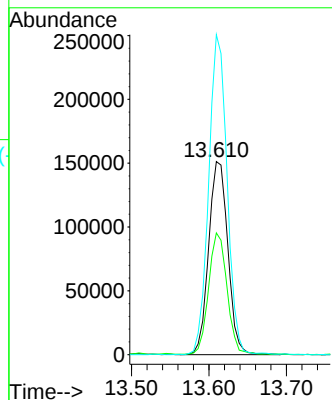
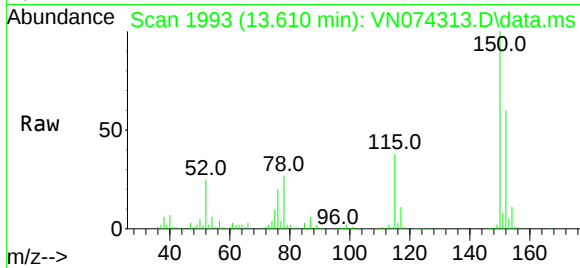




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

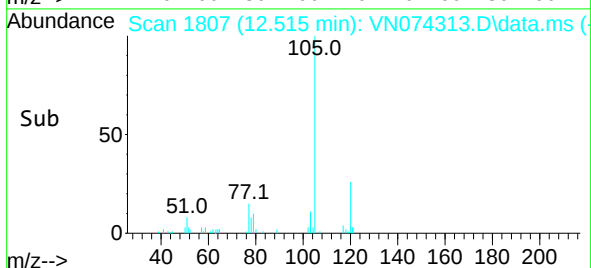
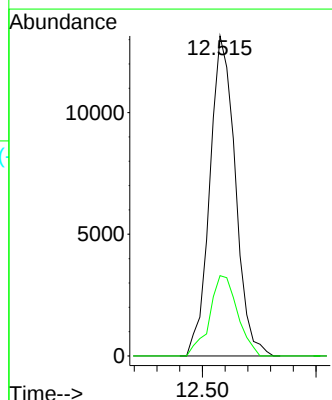
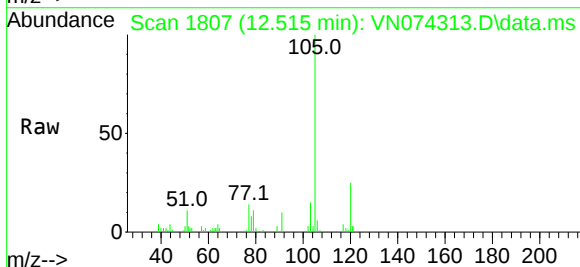
Instrument :
MSVOA_N
ClientSampleId :
MW-35

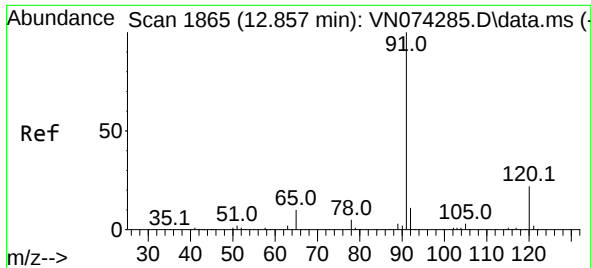
Tgt Ion:152 Resp: 261043
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 158.2 0.0 356.2



#73
Isopropylbenzene
Concen: 0.897 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Tgt Ion:105 Resp: 20497
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4

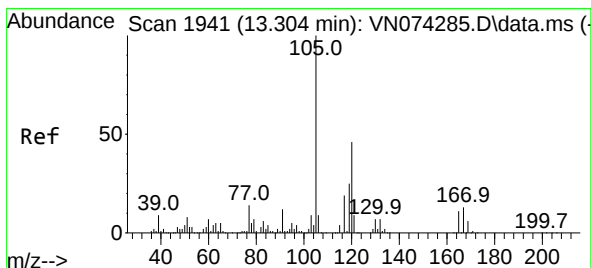
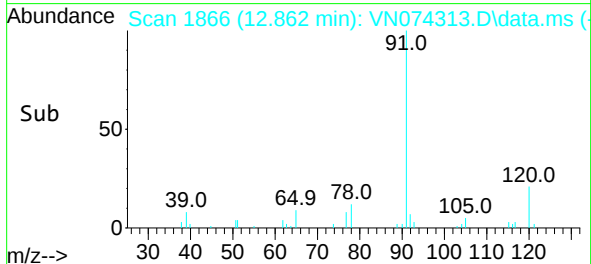
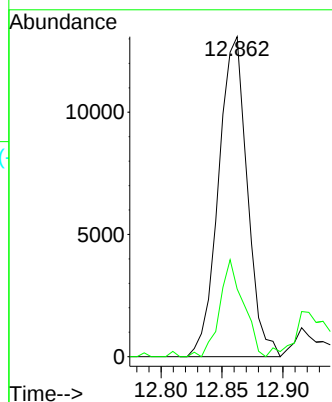
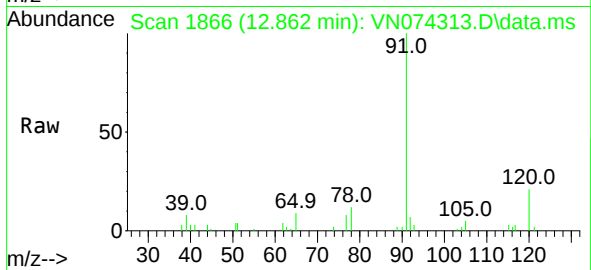




#78
n-propylbenzene
Concen: 0.823 ug/l
RT: 12.862 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

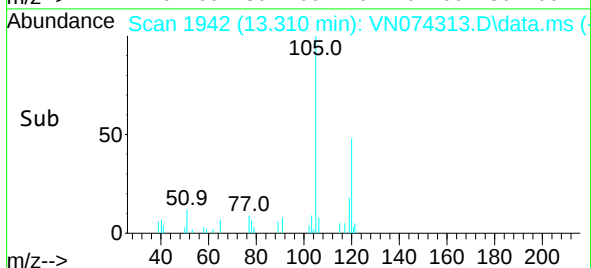
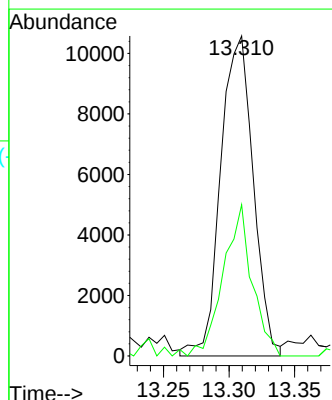
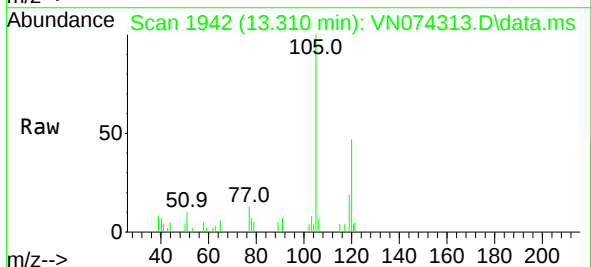
Instrument :
MSVOA_N
ClientSampleId :
MW-35

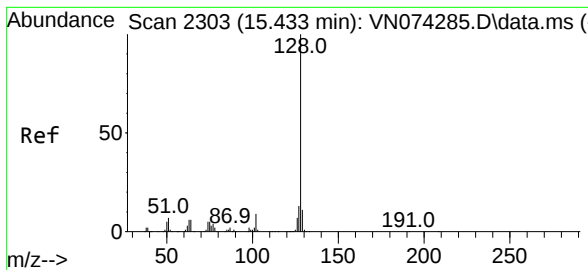
Tgt Ion: 91 Resp: 21504
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 0.985 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

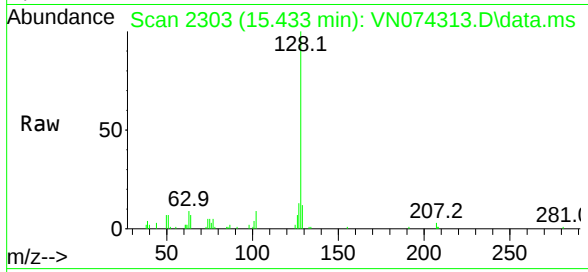
Tgt Ion:105 Resp: 18291
Ion Ratio Lower Upper
105 100
120 42.2 23.3 69.8





#95
Naphthalene
Concen: 3.062 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074313.D
Acq: 03 Sep 2022 02:40

Instrument :
MSVOA_N
ClientSampleId :
MW-35



Tgt Ion:	128	Resp:	44106
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.3	15.5
129	13.6	8.6	13.0#

