

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071787.D
 Acq On : 02 Apr 2022 05:47
 Operator : JC\MD
 Sample : N2200-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30

Quant Time: Apr 02 06:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

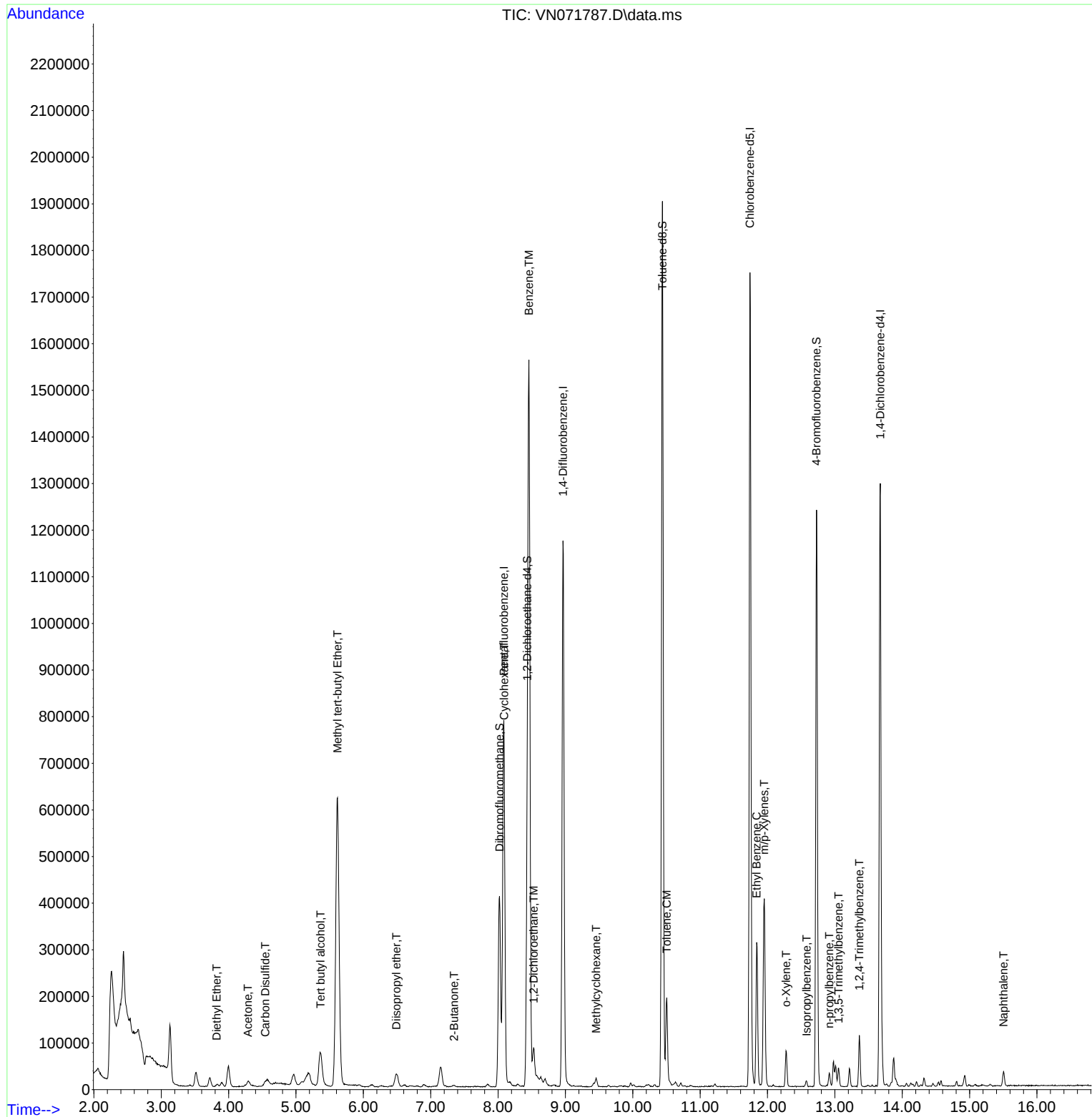
Internal Standards						
1) Pentafluorobenzene	8.086	168	633713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1085429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1085329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	392501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	361002	49.900	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.800%
35) Dibromofluoromethane	8.022	113	313231	49.041	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.080%
50) Toluene-d8	10.439	98	1357370	51.950	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.727	95	451115	53.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.760%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.822	74	2921	0.775	ug/l	87
11) Tert butyl alcohol	5.363	59	143750	122.439	ug/l	100
16) Acetone	4.287	43	19879	6.430	ug/l	98
17) Carbon Disulfide	4.545	76	17266	1.439	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	1081083	55.633	ug/l	100
22) Diisopropyl ether	6.492	45	33603	1.818	ug/l	92
25) 2-Butanone	7.345	43	5093	1.143	ug/l	95
31) Cyclohexane	8.092	56	24846	2.525	ug/l #	59
39) Methylcyclohexane	9.457	83	7331	0.690	ug/l #	87
40) Benzene	8.457	78	1536366	54.528	ug/l	100
42) 1,2-Dichloroethane	8.527	62	53257	5.464	ug/l	97
52) Toluene	10.504	92	82507	4.632	ug/l	99
67) Ethyl Benzene	11.839	91	236187	6.420	ug/l	100
68) m/p-Xylenes	11.951	106	146325	10.352	ug/l	99
69) o-Xylene	12.274	106	22912	1.633	ug/l	98
73) Isopropylbenzene	12.580	105	8418	0.255	ug/l	99
78) n-propylbenzene	12.915	91	24090	0.692	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	20731	0.791	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	62024	2.426	ug/l	100
95) Naphthalene	15.504	128	30036	5.356	ug/l	98

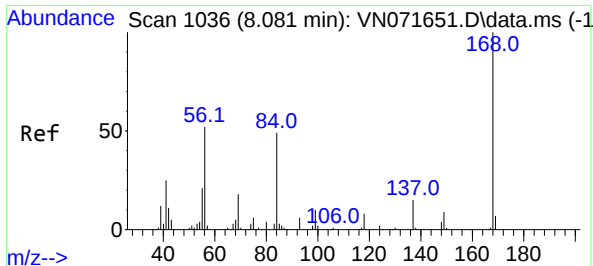
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 06:13:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

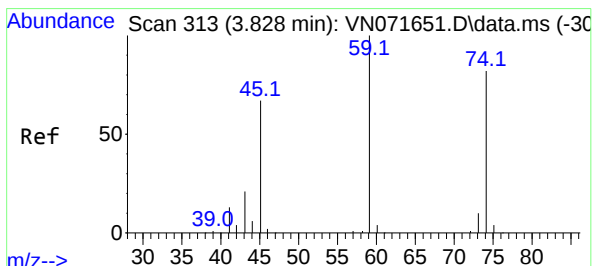
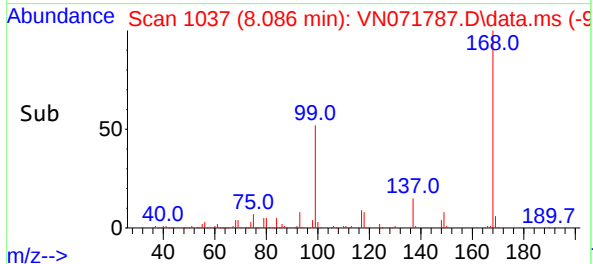
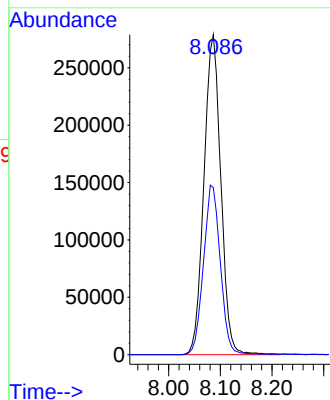
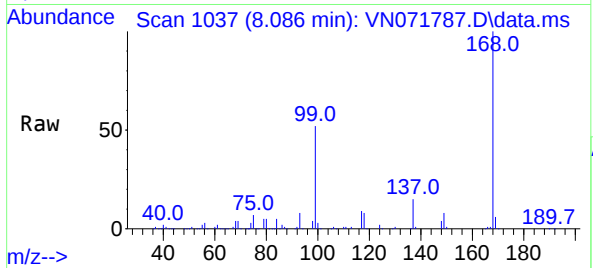




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

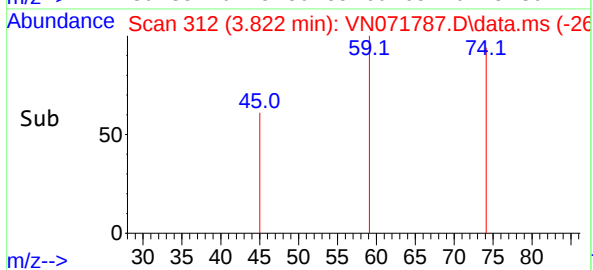
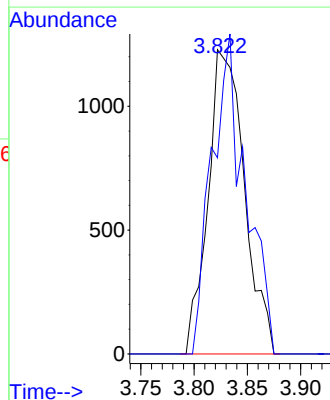
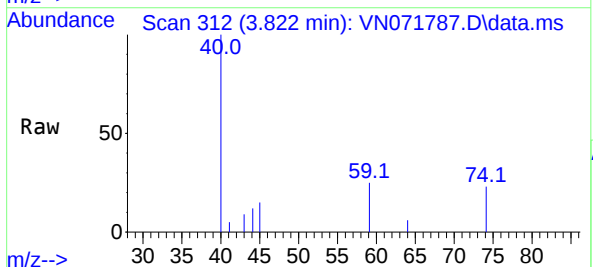
Instrument :
MSVOA_N
ClientSampleId :
MW-30

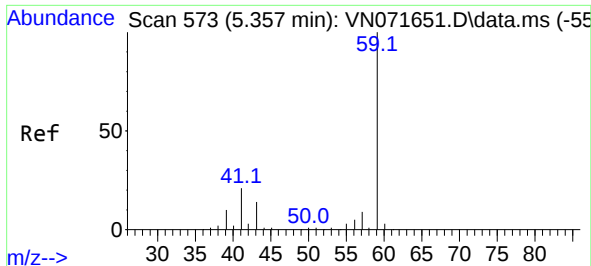
Tgt Ion:168 Resp: 633713
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#8
Diethyl Ether
Concen: 0.775 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 74 Resp: 2921
Ion Ratio Lower Upper
74 100
45 97.5 42.9 128.5





#11

Tert butyl alcohol

Concen: 122.439 ug/l

RT: 5.363 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN071787.D

Acq: 02 Apr 2022 05:47

Instrument :

MSVOA_N

ClientSampleId :

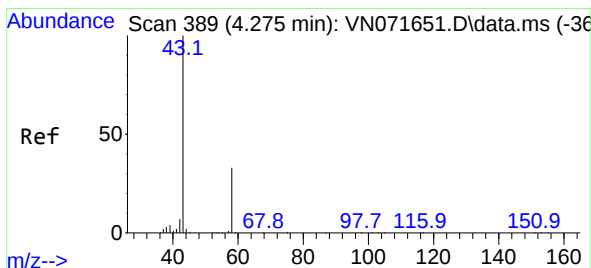
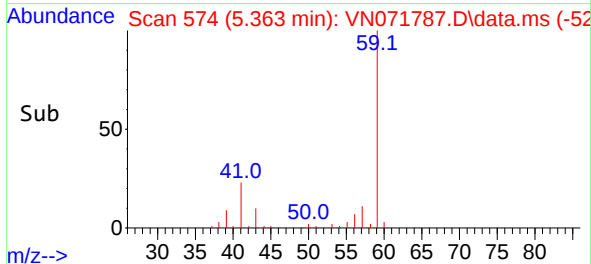
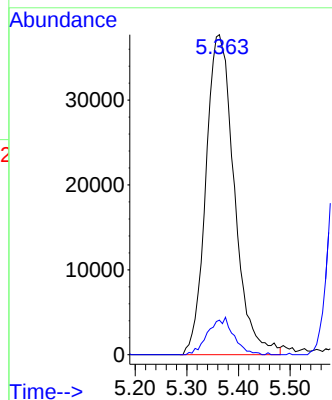
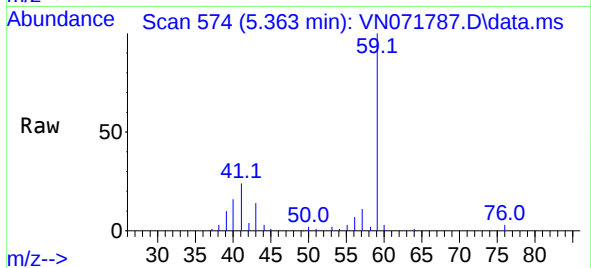
MW-30

Tgt Ion: 59 Resp: 143750

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



#16

Acetone

Concen: 6.430 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.012 min

Lab File: VN071787.D

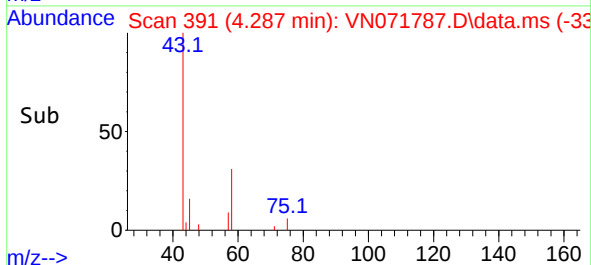
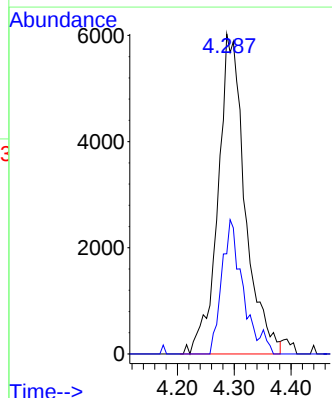
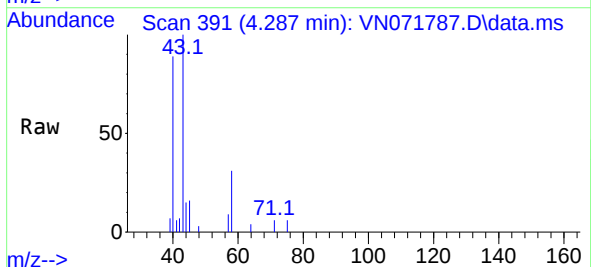
Acq: 02 Apr 2022 05:47

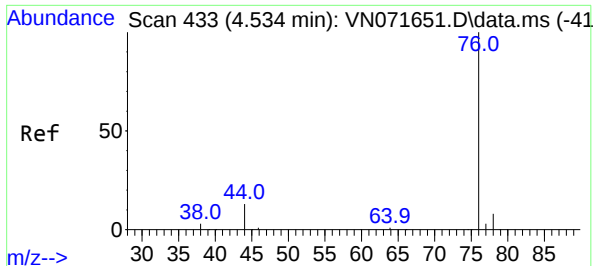
Tgt Ion: 43 Resp: 19879

Ion Ratio Lower Upper

43 100

58 31.3 26.0 39.0

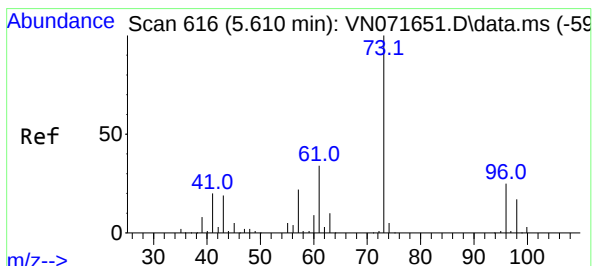
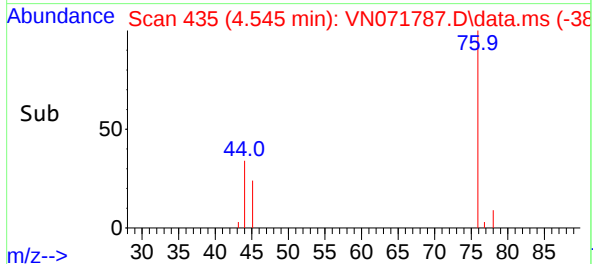
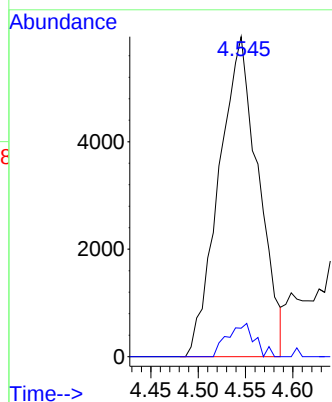
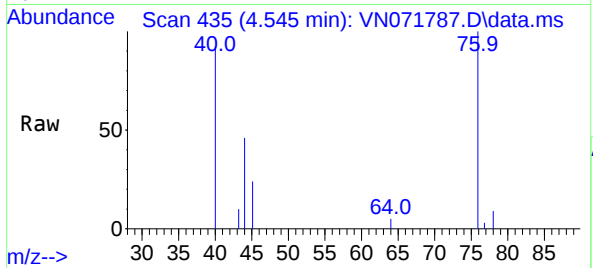




#17
Carbon Disulfide
Concen: 1.439 ug/l
RT: 4.545 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

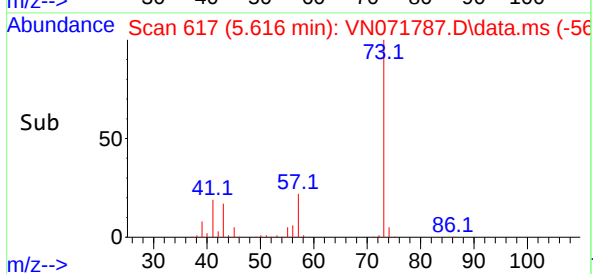
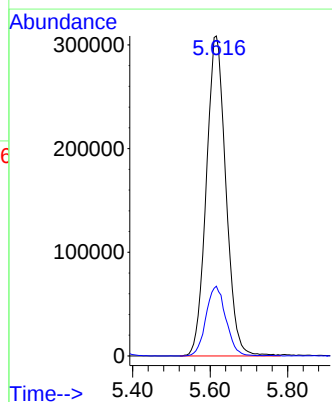
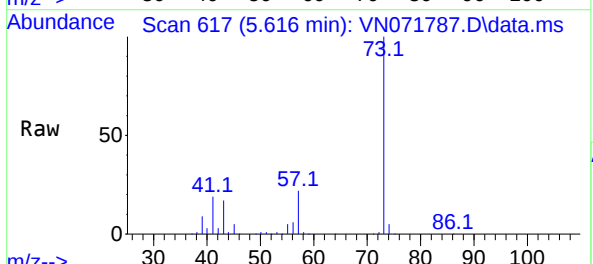
Instrument :
MSVOA_N
ClientSampleId :
MW-30

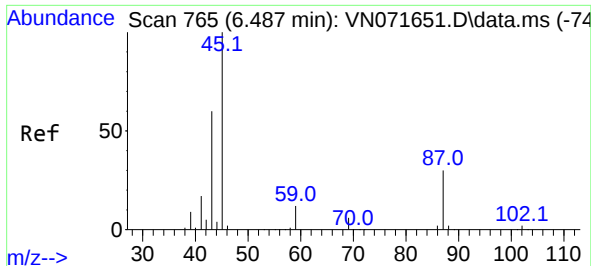
Tgt Ion: 76 Resp: 17266
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 55.633 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 73 Resp: 1081083
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4





#22

Diisopropyl ether

Concen: 1.818 ug/l

RT: 6.492 min Scan# 70

Delta R.T. 0.005 min

Lab File: VN071787.D

Acq: 02 Apr 2022 05:47

Instrument :

MSVOA_N

ClientSampleId :

MW-30

Tgt Ion: 45 Resp: 33603

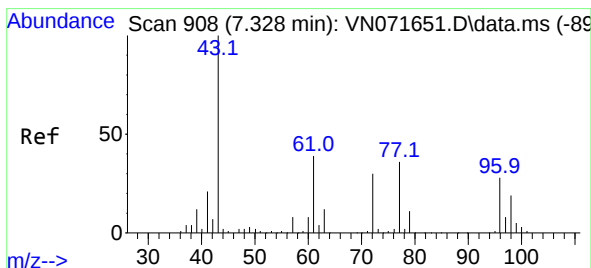
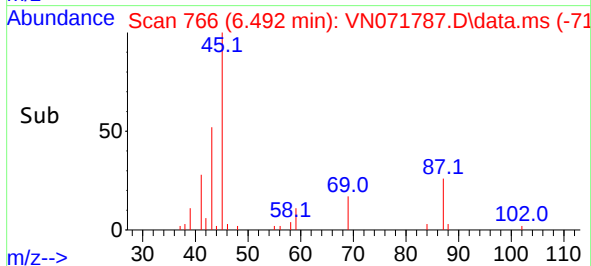
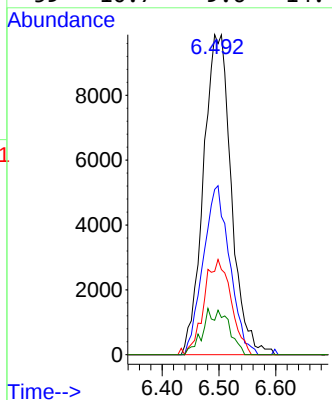
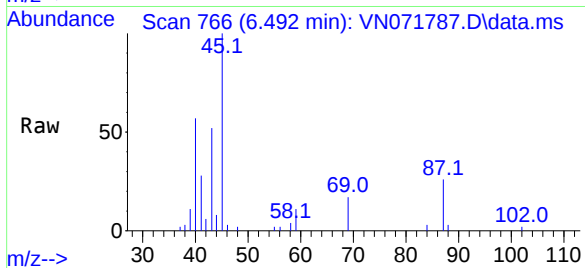
Ion Ratio Lower Upper

45 100

43 51.6 46.6 70.0

87 26.1 24.3 36.5

59 10.7 9.6 14.4



#25

2-Butanone

Concen: 1.143 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN071787.D

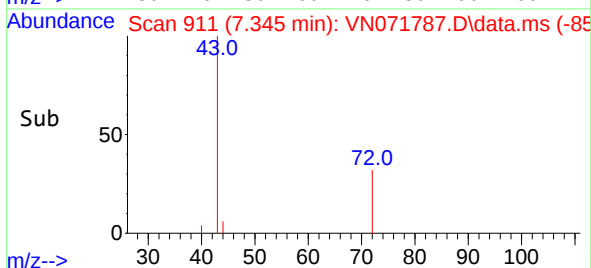
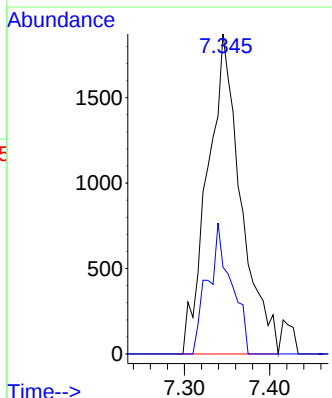
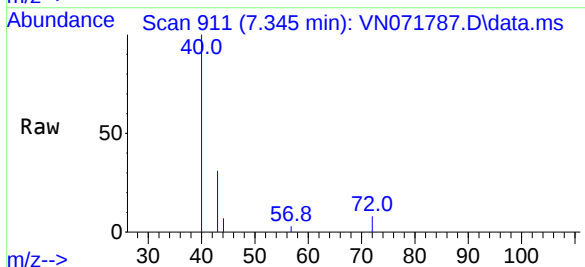
Acq: 02 Apr 2022 05:47

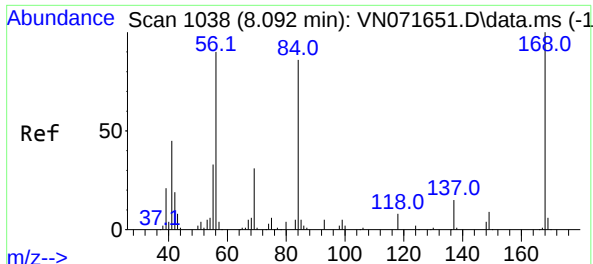
Tgt Ion: 43 Resp: 5093

Ion Ratio Lower Upper

43 100

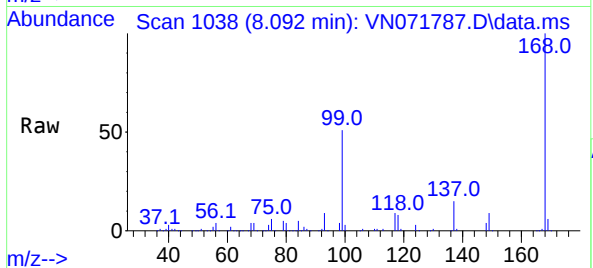
72 27.1 23.7 35.5



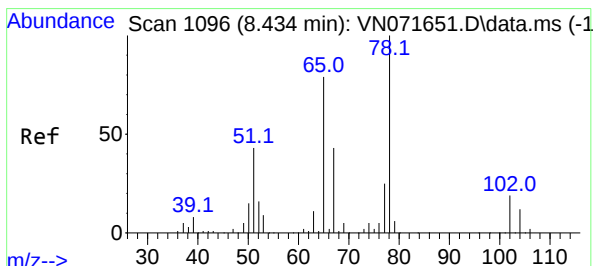
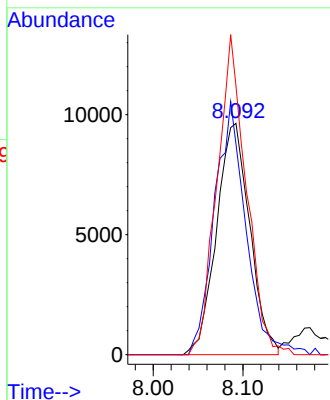
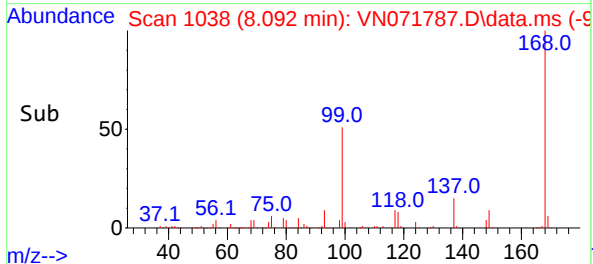


#31
Cyclohexane
Concen: 2.525 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

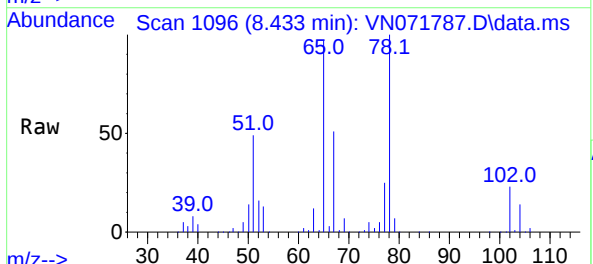
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ClientSampleId :
MW-30



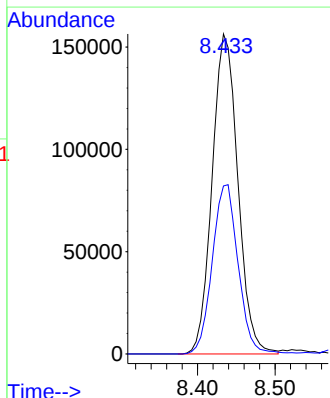
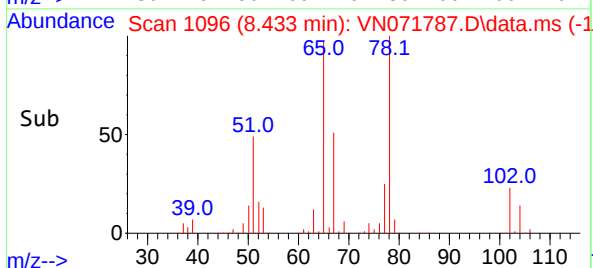
Tgt Ion: 56 Resp: 24846
Ion Ratio Lower Upper
56 100
69 91.1 27.8 41.8#
84 116.2 76.9 115.3#

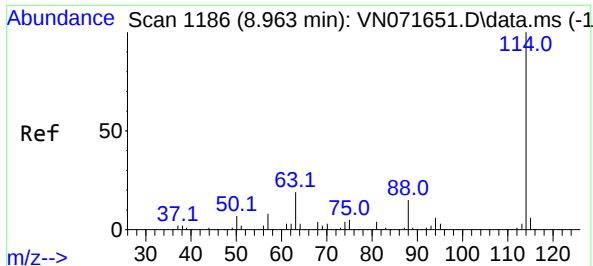


#33
1,2-Dichloroethane-d4
Concen: 49.900 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47



Tgt Ion: 65 Resp: 361002
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

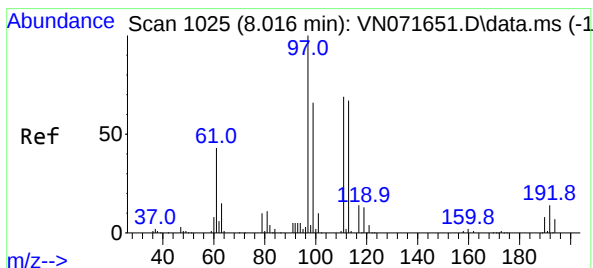
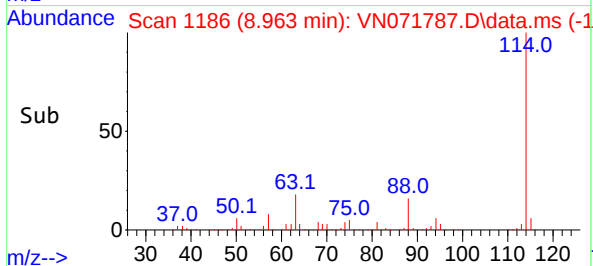
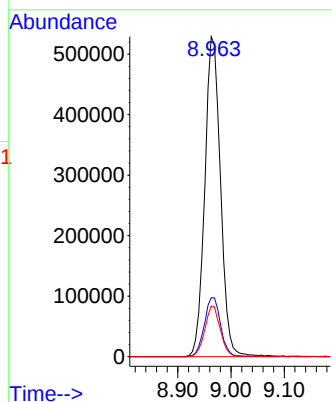
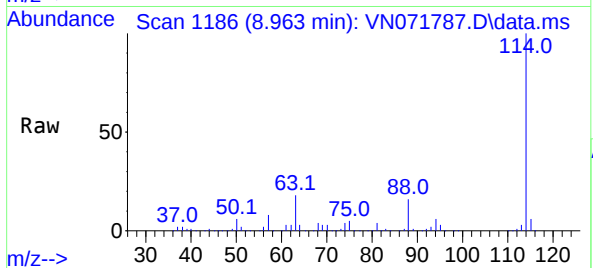




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

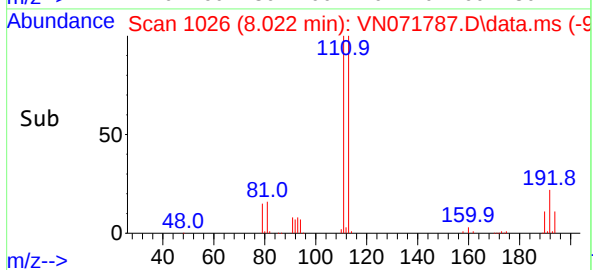
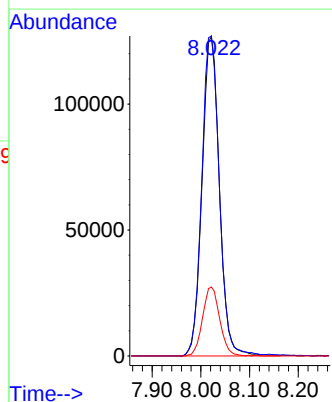
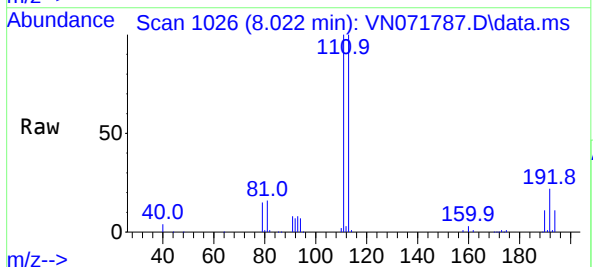
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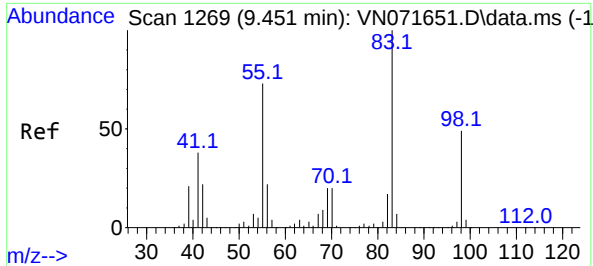
Tgt Ion:114 Resp: 1085429
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.041 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion:113 Resp: 313231
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 21.3 17.0 25.6

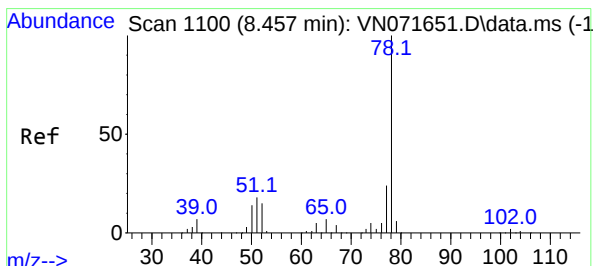
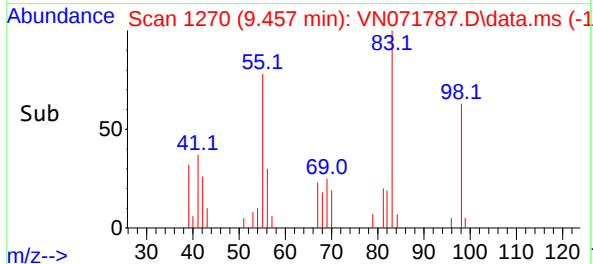
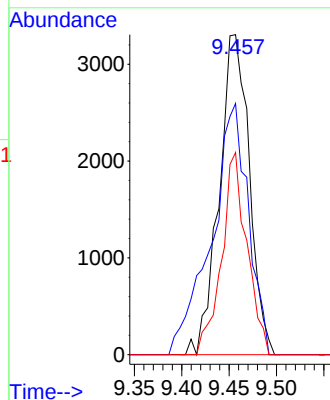
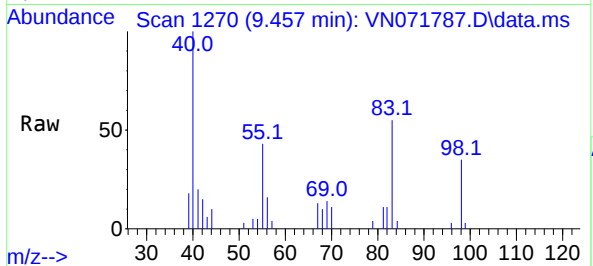




#39
Methylcyclohexane
Concen: 0.690 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

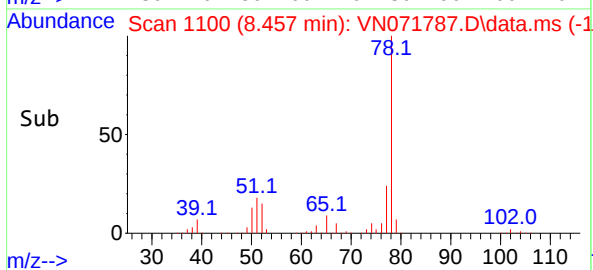
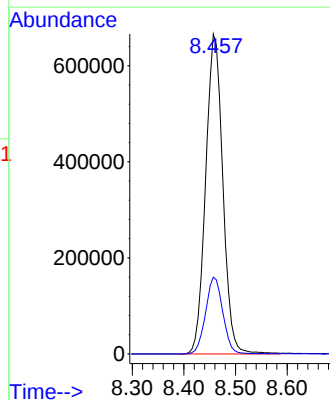
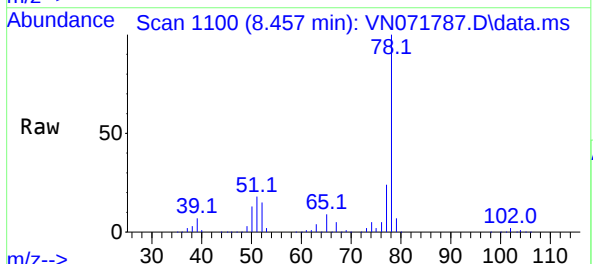
Instrument :
MSVOA_N
ClientSampleId :
MW-30

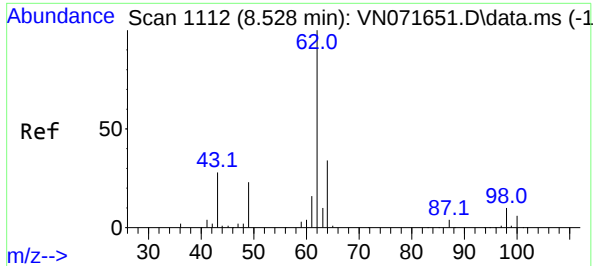
Tgt Ion: 83 Resp: 7331
Ion Ratio Lower Upper
83 100
55 78.5 57.8 86.8
98 63.2 39.4 59.2#



#40
Benzene
Concen: 54.528 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 78 Resp: 1536366
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

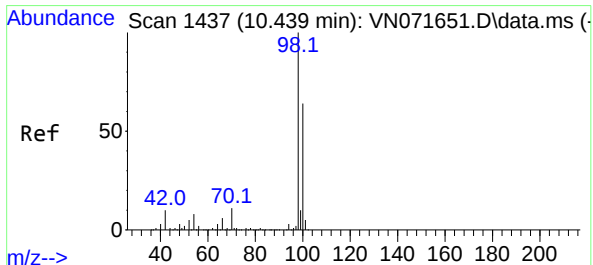
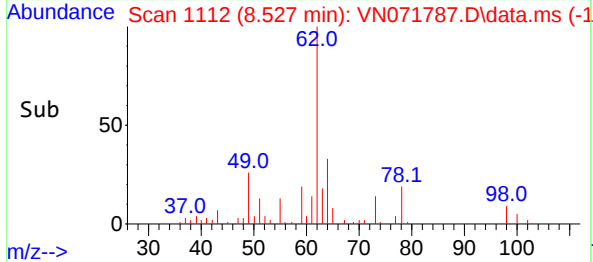
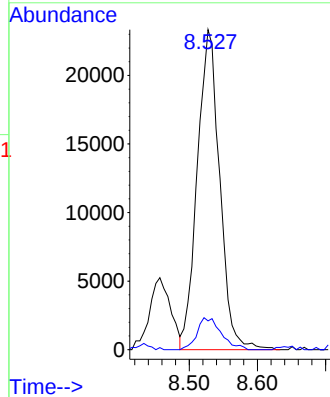
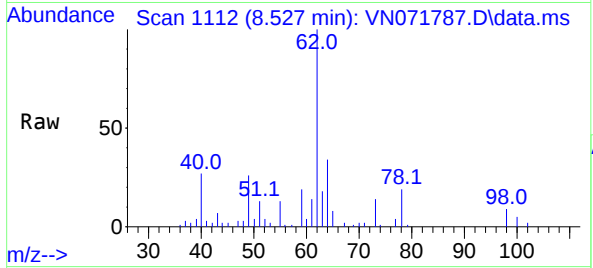




#42
1,2-Dichloroethane
Concen: 5.464 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

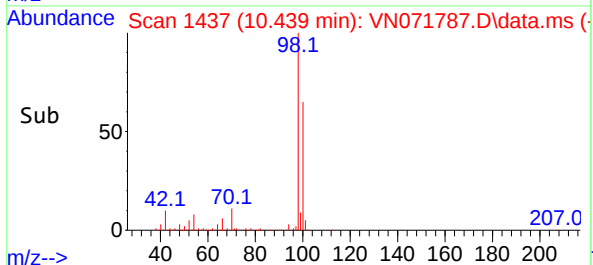
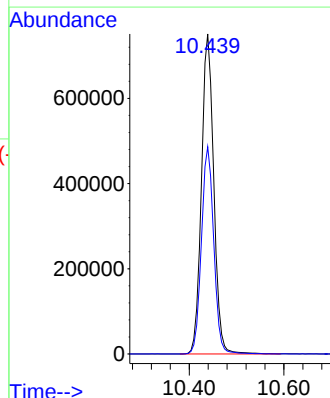
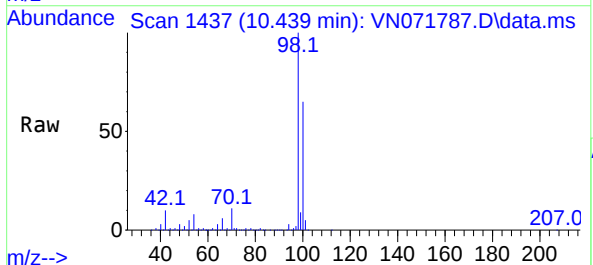
Instrument :
MSVOA_N
ClientSampleId :
MW-30

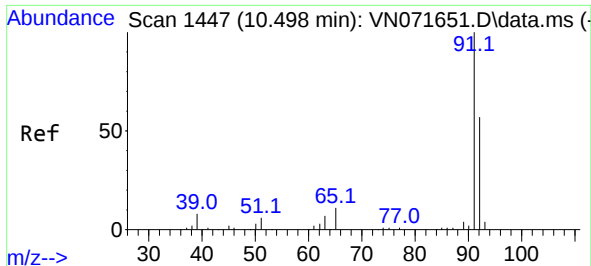
Tgt Ion: 62 Resp: 53257
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.4



#50
Toluene-d8
Concen: 51.950 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 98 Resp: 1357370
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

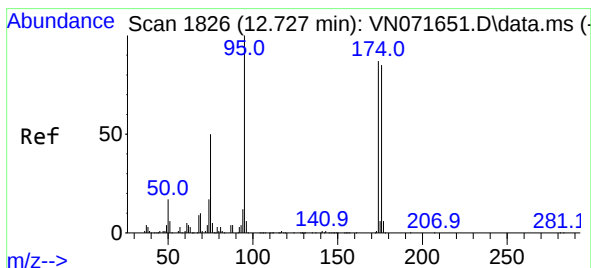
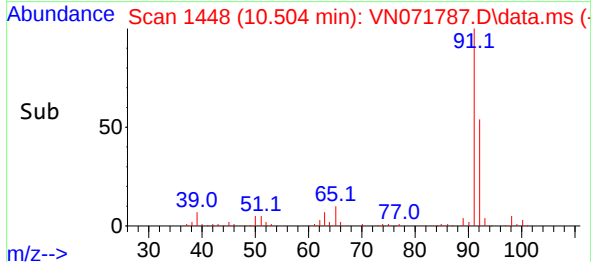
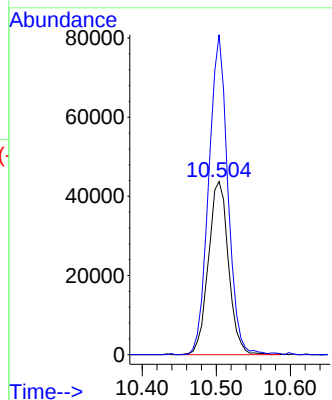
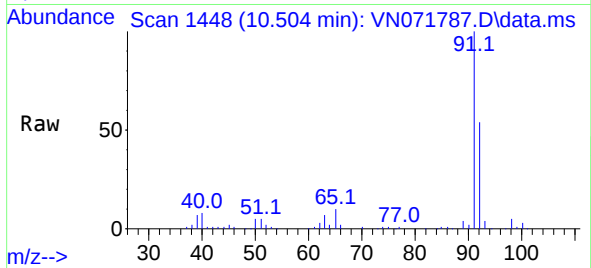




#52
Toluene
Concen: 4.632 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

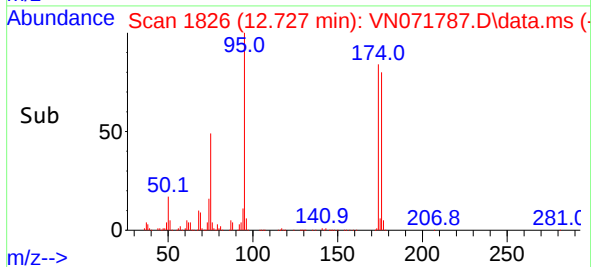
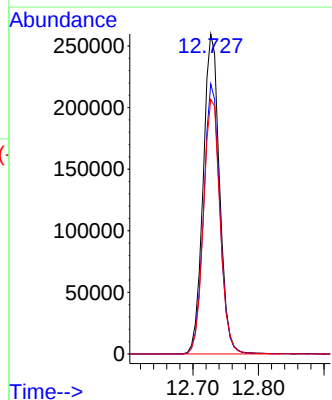
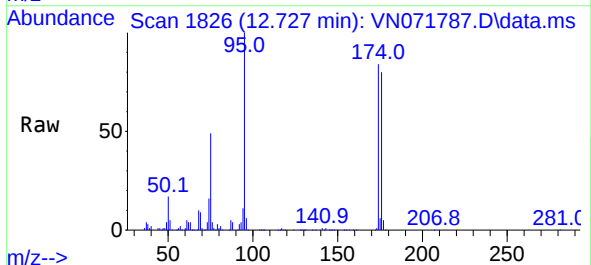
Instrument :
MSVOA_N
ClientSampleId :
MW-30

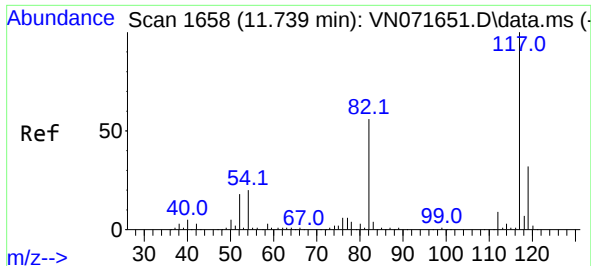
Tgt Ion: 92 Resp: 82507
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.385 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 95 Resp: 451115
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 80.8 0.0 163.4

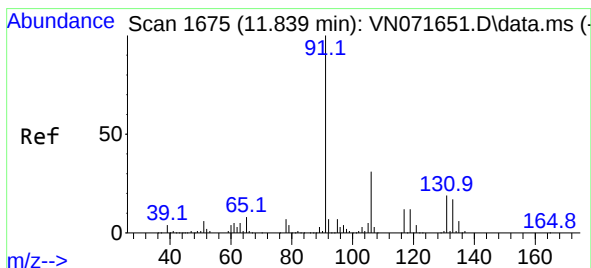
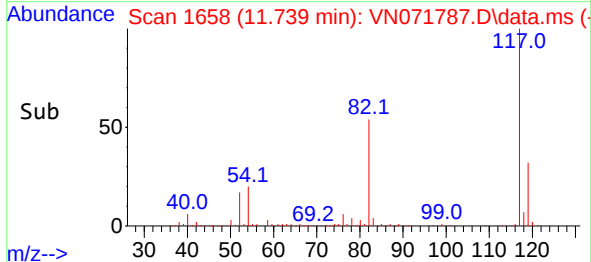
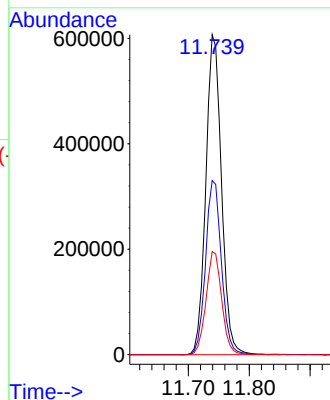
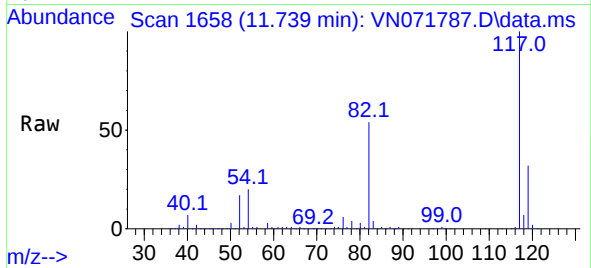




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

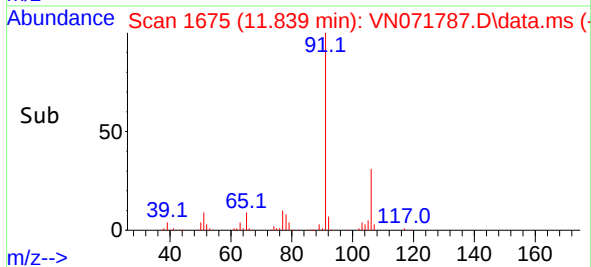
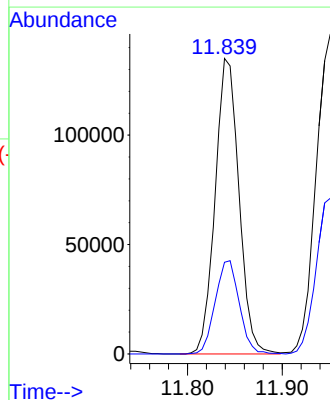
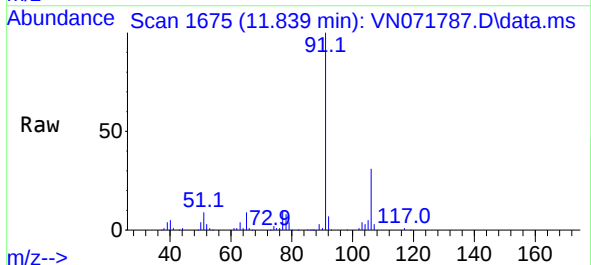
Instrument :
MSVOA_N
ClientSampleId :
MW-30

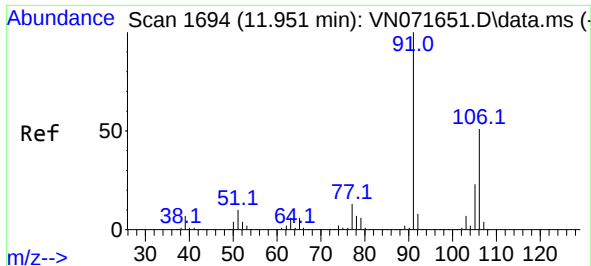
Tgt Ion:117 Resp: 1085329
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 6.420 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 91 Resp: 236187
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

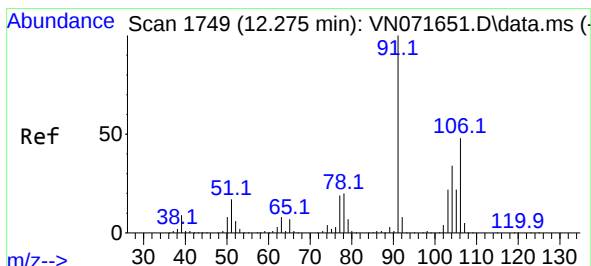
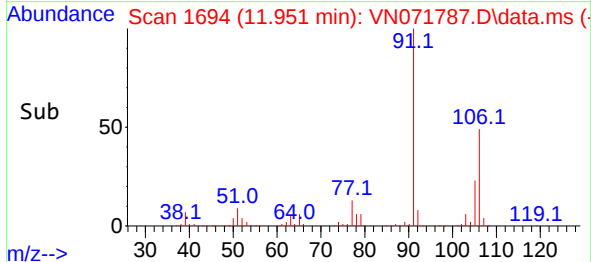
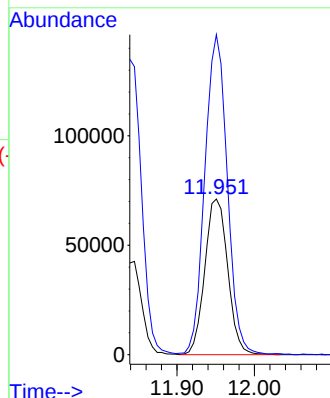
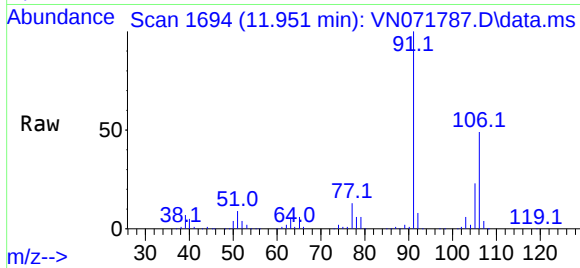




#68
m/p-Xylenes
Concen: 10.352 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

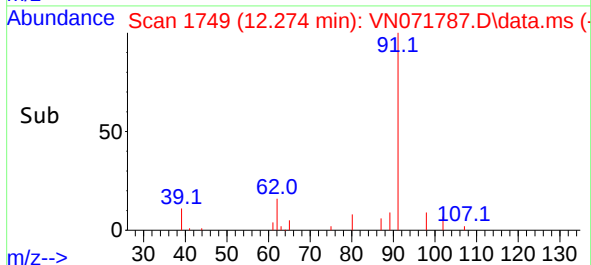
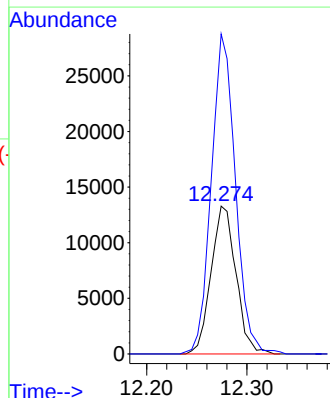
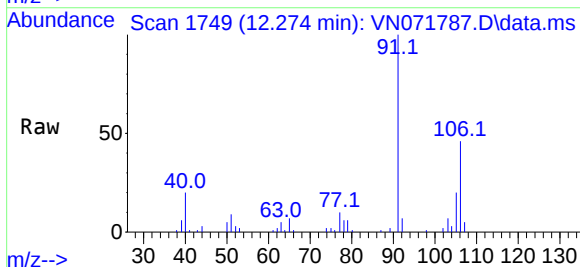
Instrument :
MSVOA_N
ClientSampleId :
MW-30

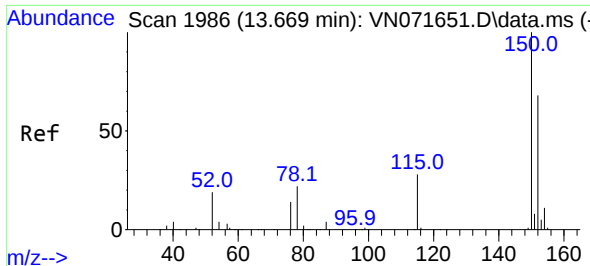
Tgt Ion:106 Resp: 146325
Ion Ratio Lower Upper
106 100
91 200.1 158.9 238.3



#69
o-Xylene
Concen: 1.633 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion:106 Resp: 22912
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0

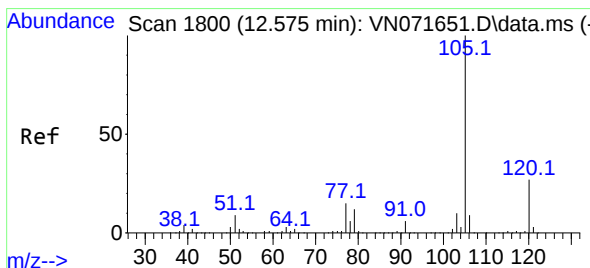
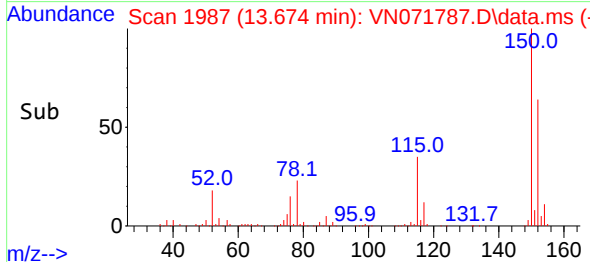
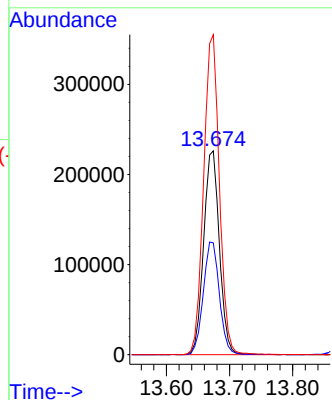
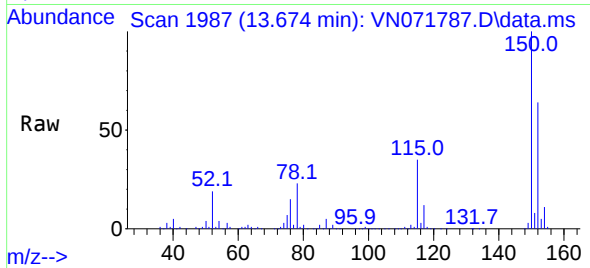




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

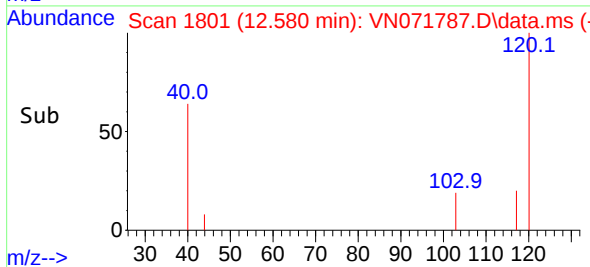
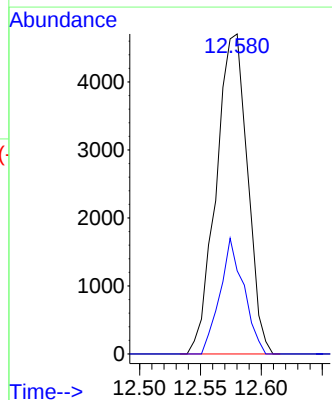
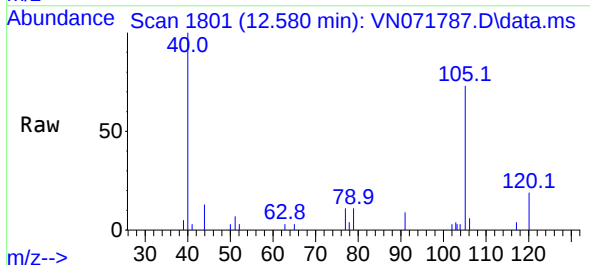
Instrument :
MSVOA_N
ClientSampleId :
MW-30

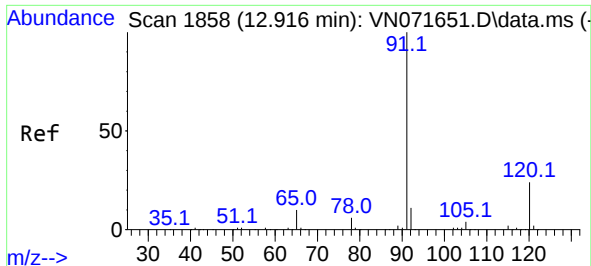
Tgt Ion:152 Resp: 392501
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 156.6 0.0 356.2



#73
Isopropylbenzene
Concen: 0.255 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.005 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion:105 Resp: 8418
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

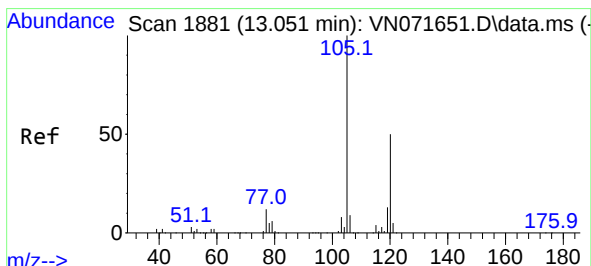
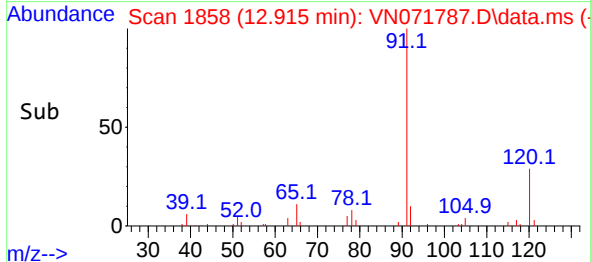
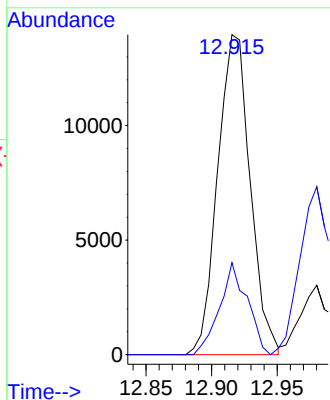
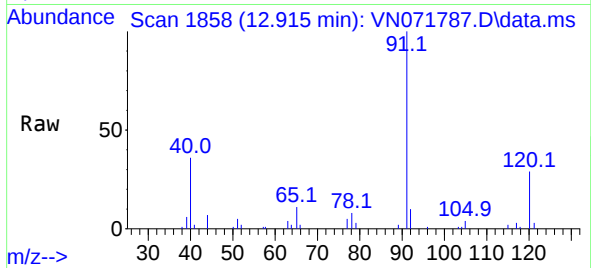




#78
n-propylbenzene
Concen: 0.692 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

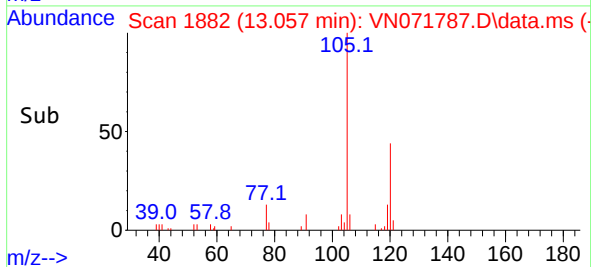
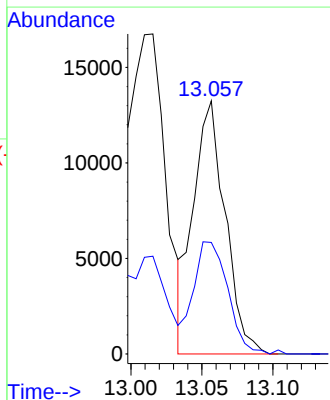
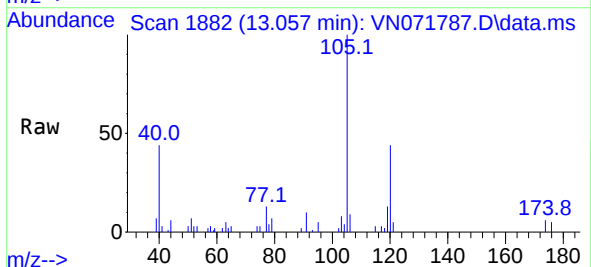
Instrument :
MSVOA_N
ClientSampleId :
MW-30

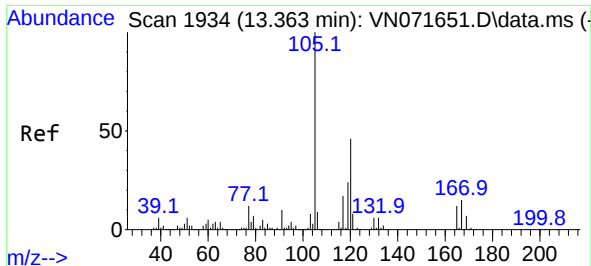
Tgt Ion: 91 Resp: 24090
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 0.791 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion: 105 Resp: 20731
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7

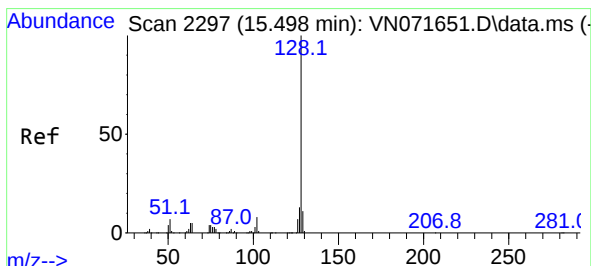
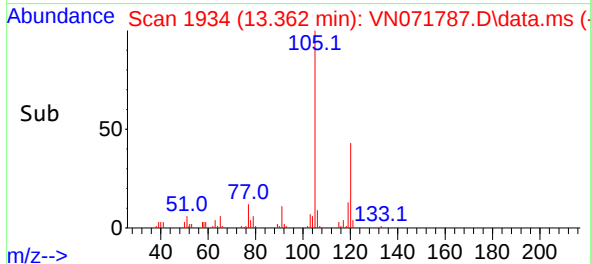
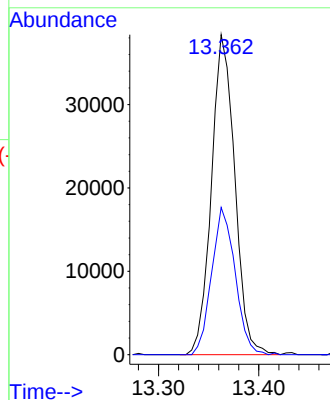
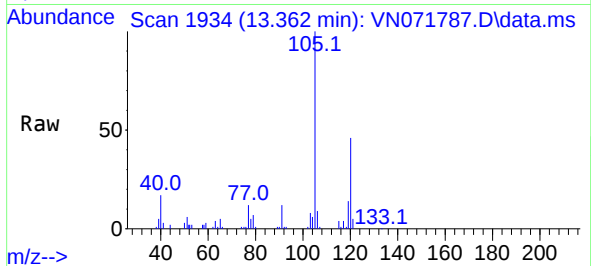




#84
1,2,4-Trimethylbenzene
Concen: 2.426 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Instrument :
MSVOA_N
ClientSampleId :
MW-30

Tgt Ion:105 Resp: 62024
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8



#95
Naphthalene
Concen: 5.356 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071787.D
Acq: 02 Apr 2022 05:47

Tgt Ion:128 Resp: 30036
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 11.2 8.6 13.0

