

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071576.D
 Acq On : 26 Mar 2022 16:37
 Operator : JC\MD
 Sample : N2076-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20220322

Quant Time: Mar 28 02:18:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

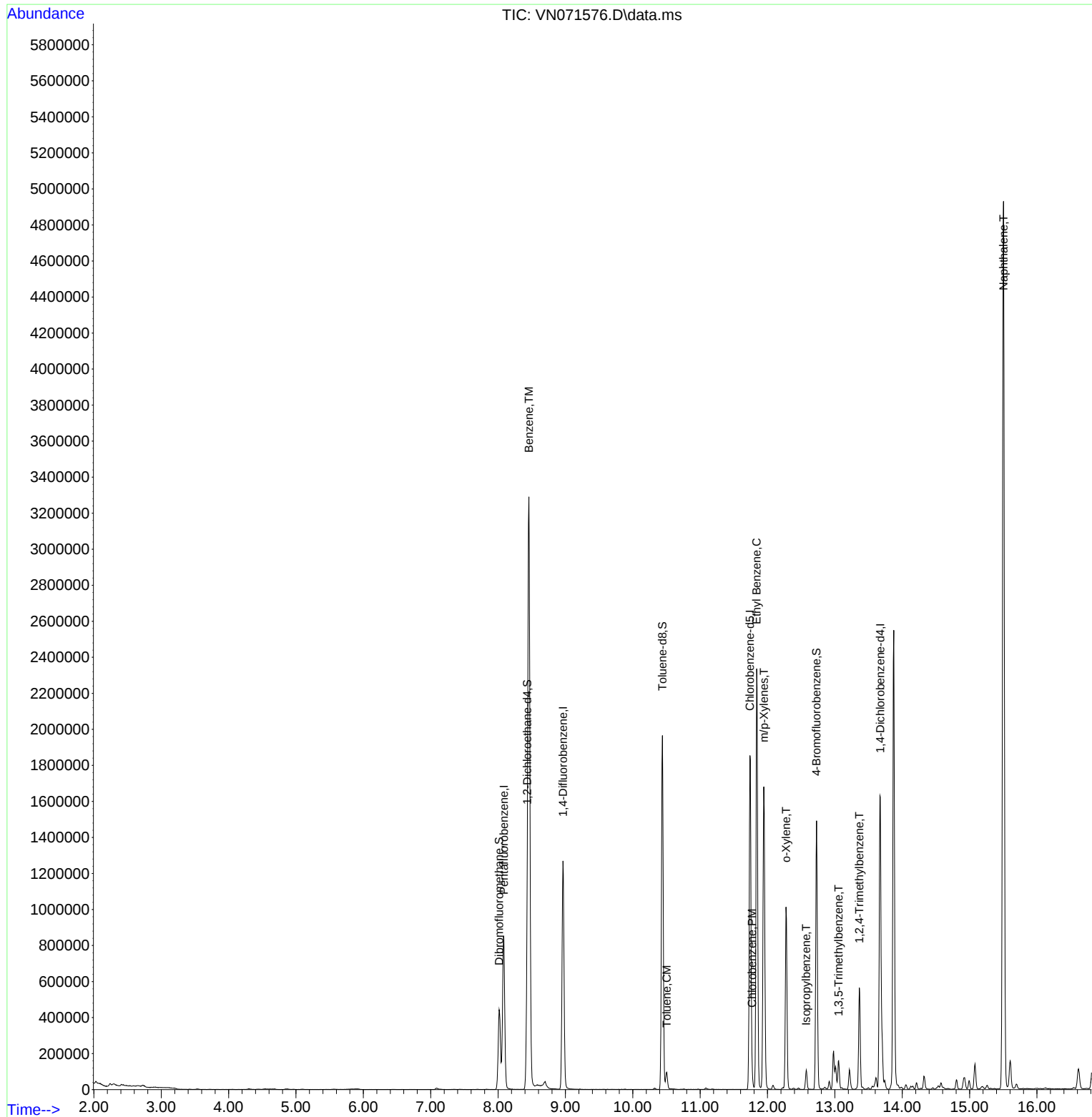
Internal Standards						
1) Pentafluorobenzene	8.086	168	692222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1167958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1151757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	482705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	408155	47.459	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.920%		
35) Dibromofluoromethane	8.016	113	331759	45.197	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.400%		
50) Toluene-d8	10.439	98	1427813	48.225	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.727	95	513589	52.941	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.880%		
Target Compounds					Qvalue	
40) Benzene	8.457	78	3366611	102.192	ug/l	100
52) Toluene	10.504	92	39617	1.921	ug/l	99
65) Chlorobenzene	11.769	112	32581	1.333	ug/l	100
67) Ethyl Benzene	11.839	91	1748171	41.672	ug/l	99
68) m/p-Xylenes	11.945	106	568420	35.411	ug/l	99
69) o-Xylene	12.274	106	288126	18.068	ug/l	99
73) Isopropylbenzene	12.574	105	67806	1.593	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	88554	2.636	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	331675	10.232	ug/l	100
95) Naphthalene	15.504	128	4610847	178.829	ug/l	100

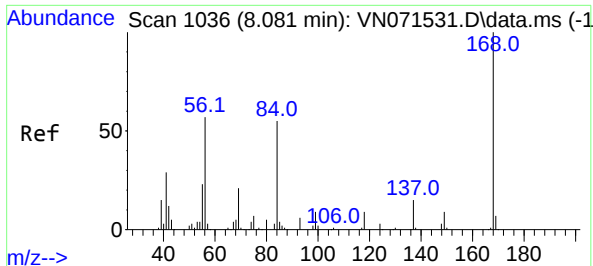
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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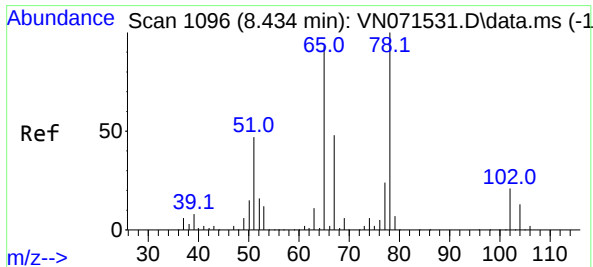
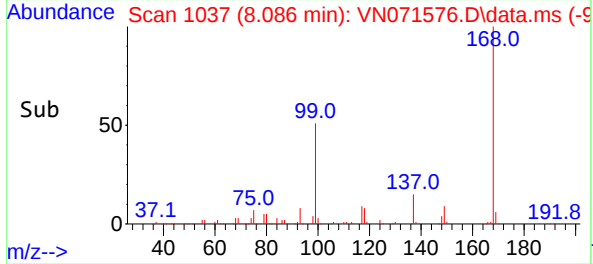
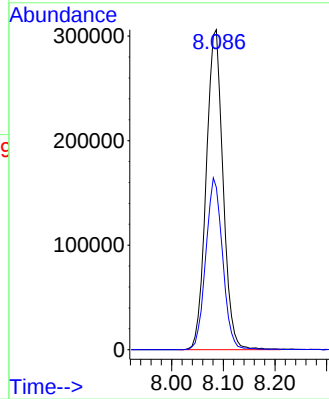
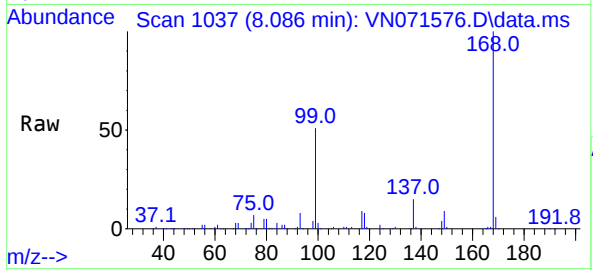




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

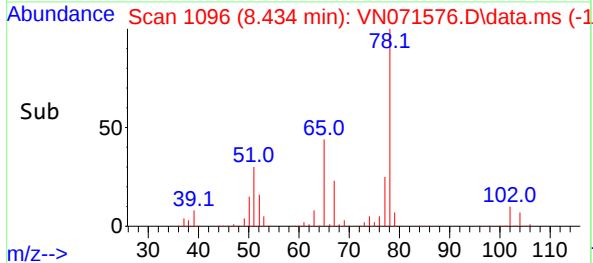
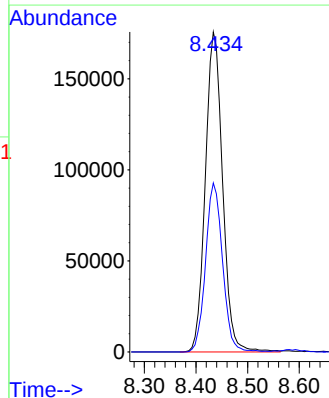
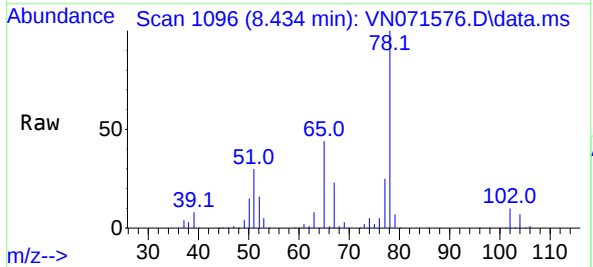
Instrument :
MSVOA_N
ClientSampleId :
WC-20220322

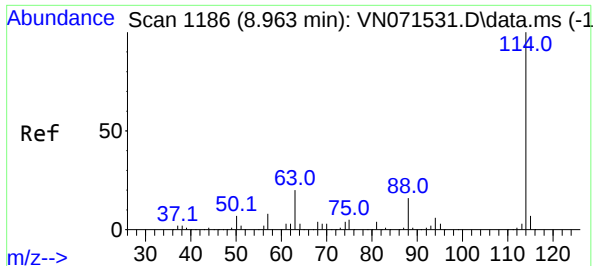
Tgt Ion:168 Resp: 692222
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.459 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion: 65 Resp: 408155
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

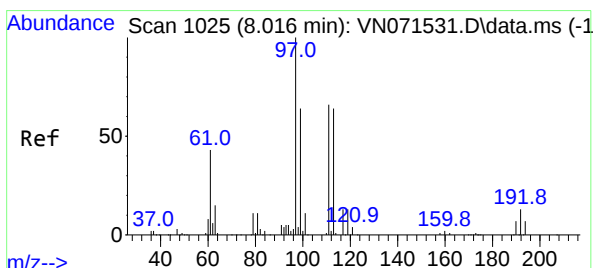
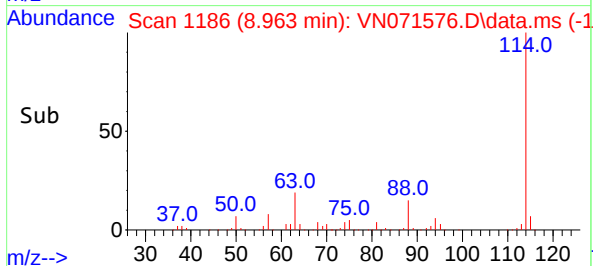
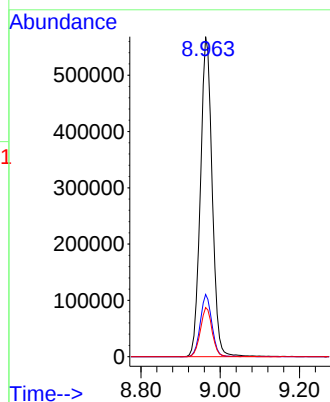
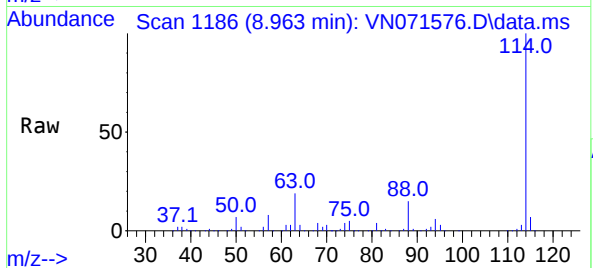




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

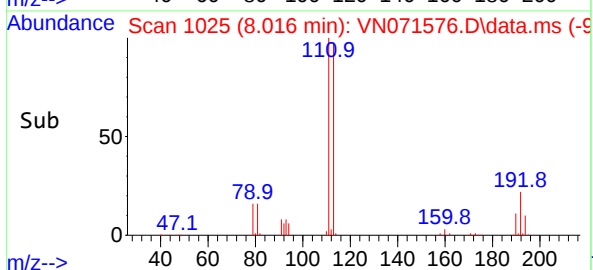
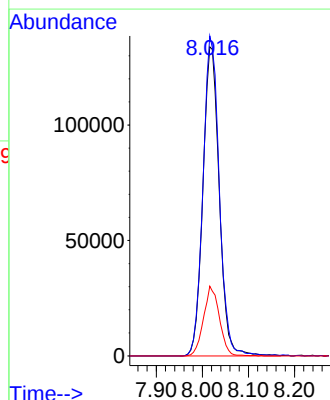
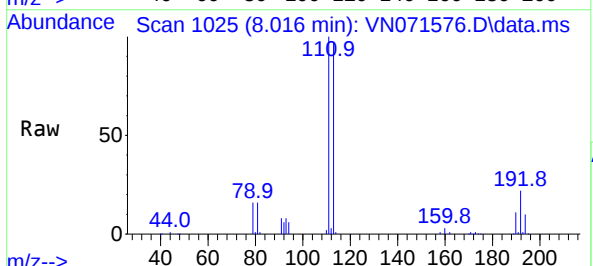
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MSVOA_N
ClientSampleId :
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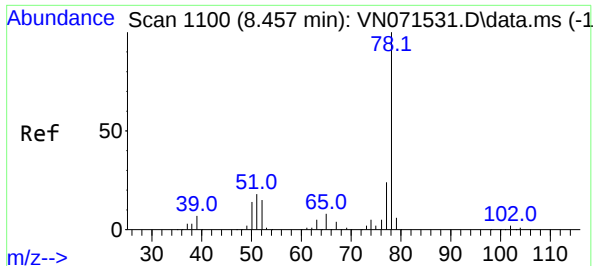
Tgt Ion:114 Resp: 1167958
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.197 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion:113 Resp: 331759
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 21.9 17.0 25.6

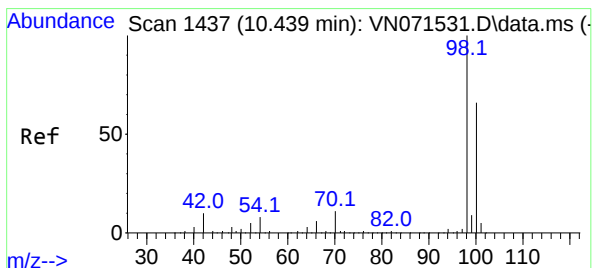
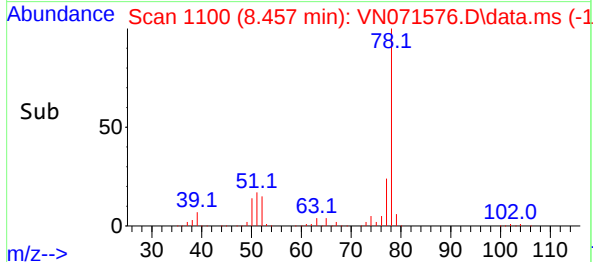
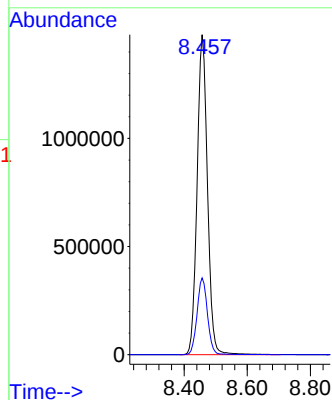
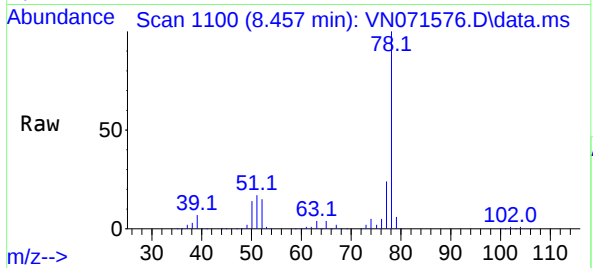




#40
Benzene
Concen: 102.192 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

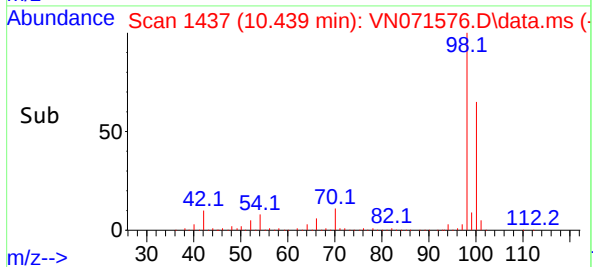
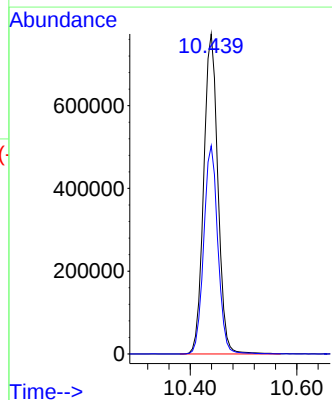
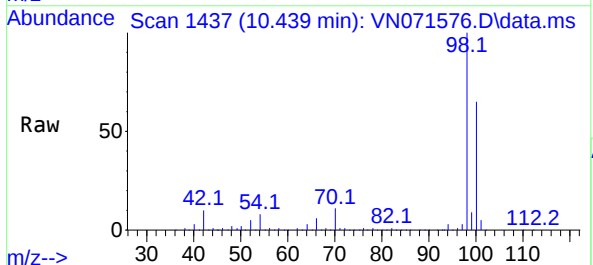
Instrument :
MSVOA_N
ClientSampleId :
WC-20220322

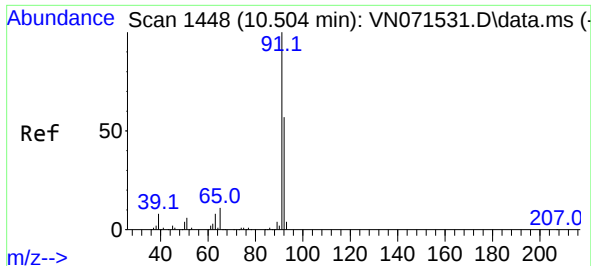
Tgt Ion: 78 Resp: 3366611
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion: 98 Resp: 1427813
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

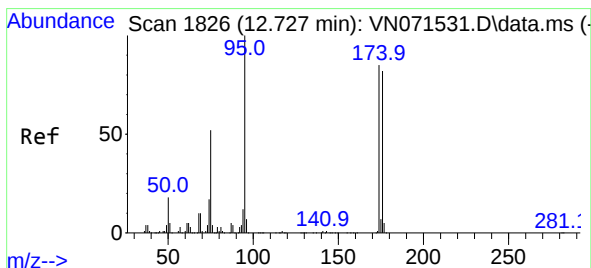
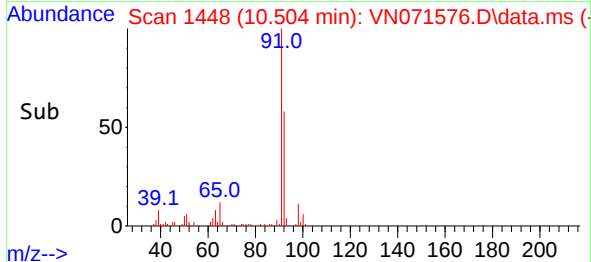
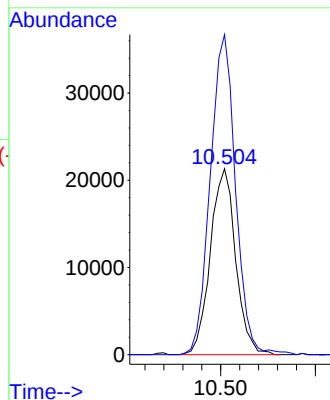
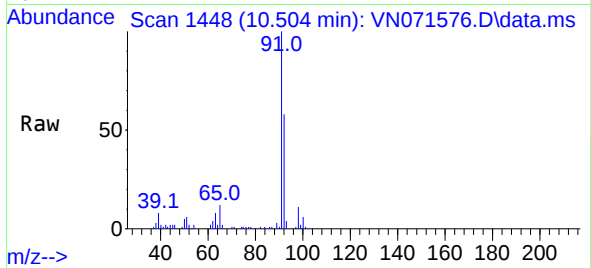




#52
Toluene
Concen: 1.921 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

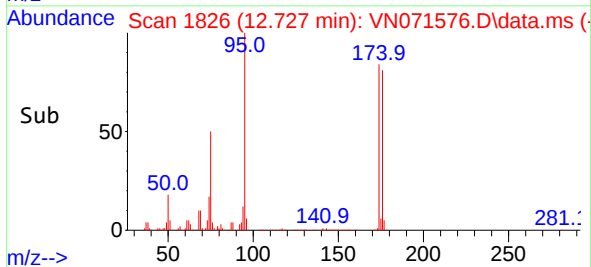
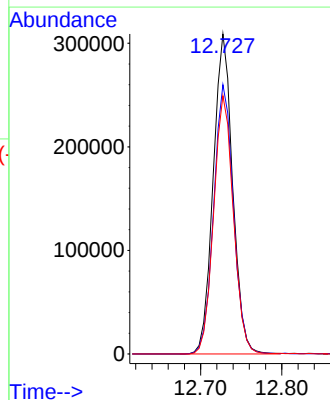
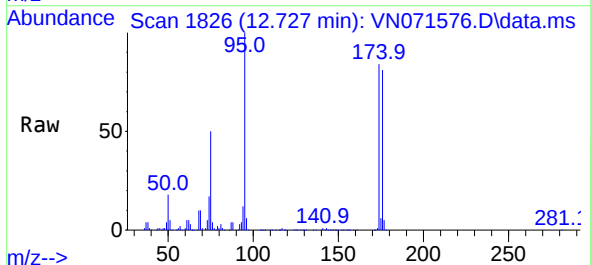
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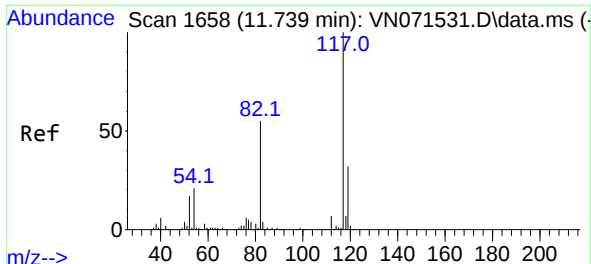
Tgt Ion: 92 Resp: 39617
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.941 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion: 95 Resp: 513589
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 82.0 0.0 163.4

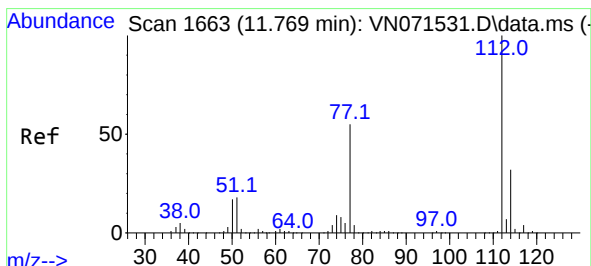
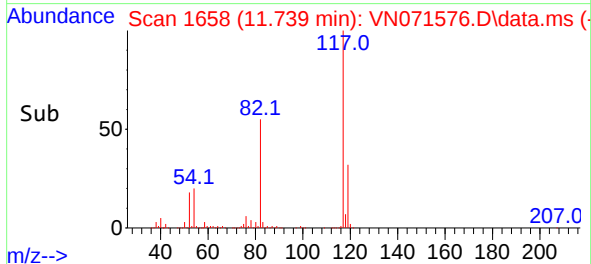
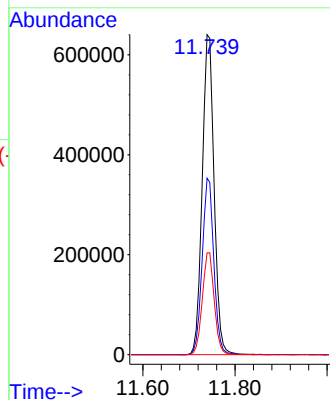
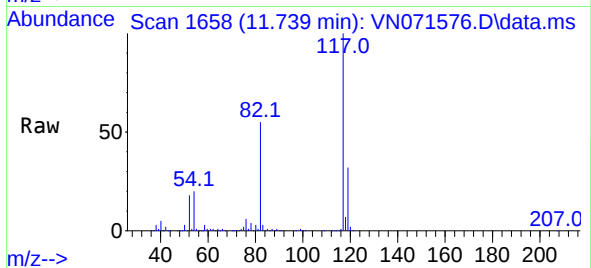




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

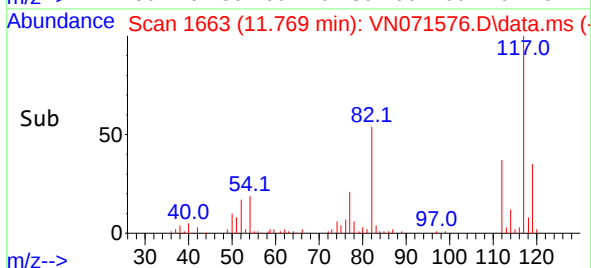
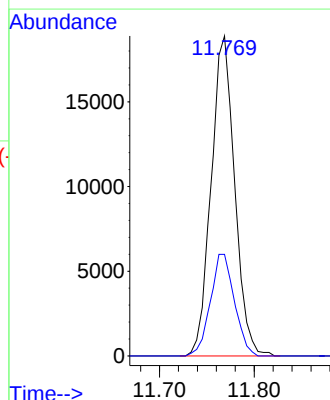
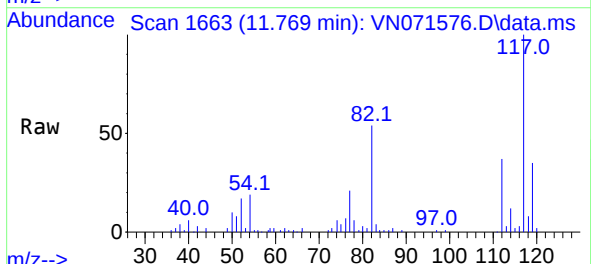
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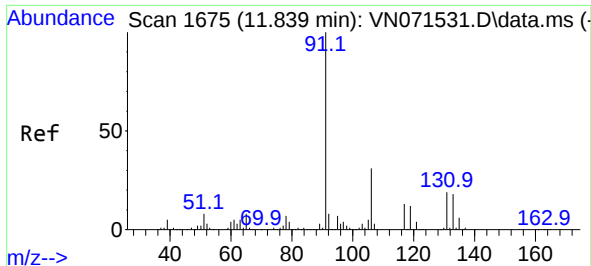
Tgt Ion:117 Resp: 1151757
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.4 38.0



#65
Chlorobenzene
Concen: 1.333 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion:112 Resp: 32581
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

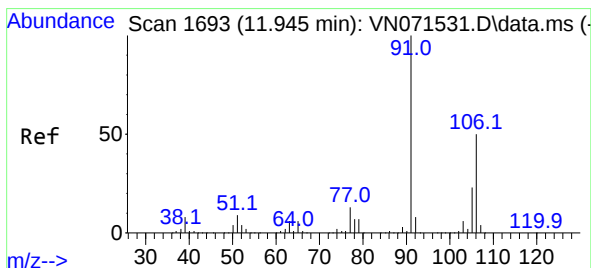
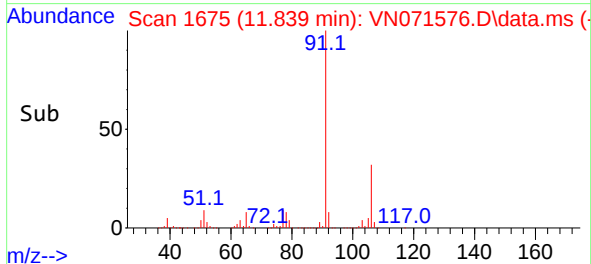
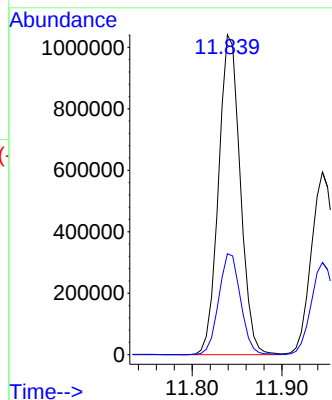
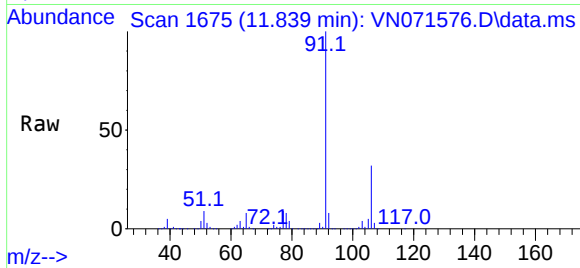




#67
Ethyl Benzene
Concen: 41.672 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

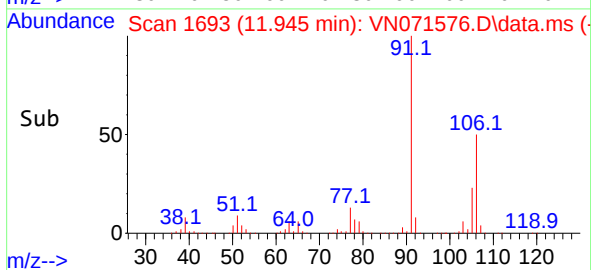
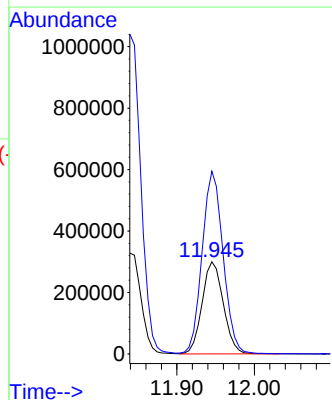
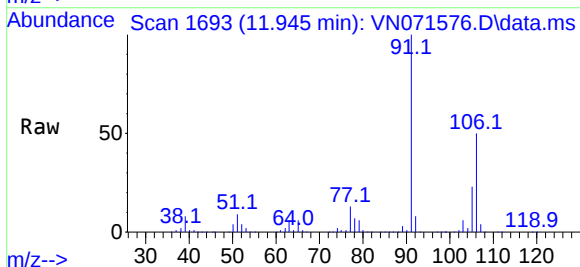
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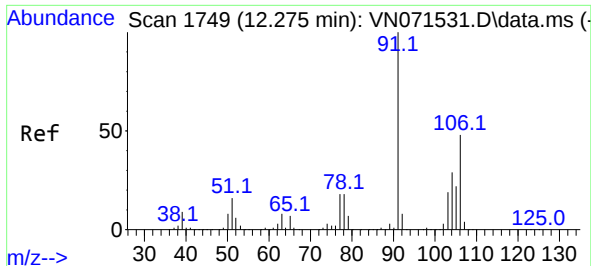
Tgt Ion: 91 Resp: 1748171
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 35.411 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion: 106 Resp: 568420
Ion Ratio Lower Upper
106 100
91 197.0 158.9 238.3





#69

o-Xylene

Concen: 18.068 ug/l

RT: 12.274 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071576.D

Acq: 26 Mar 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

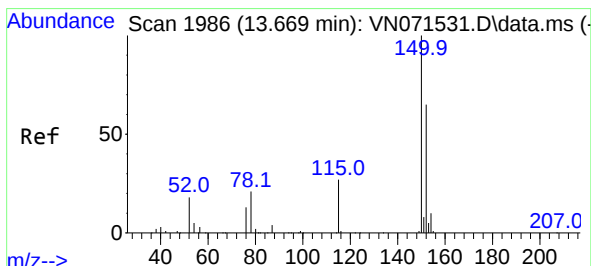
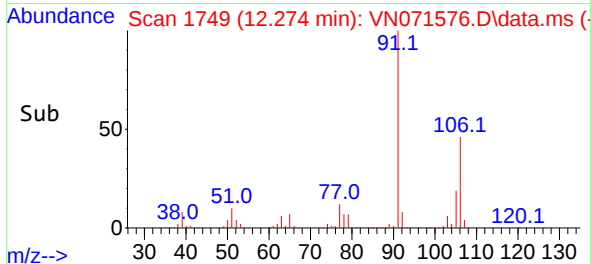
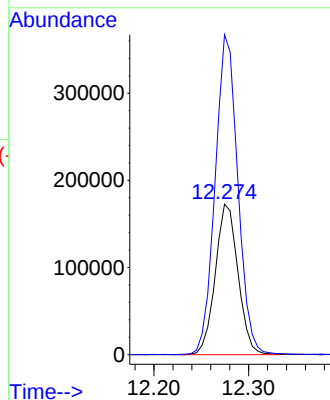
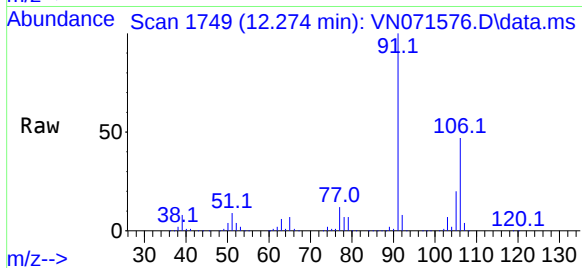
WC-20220322

Tgt Ion:106 Resp: 288126

Ion Ratio Lower Upper

106 100

91 213.0 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN071576.D

Acq: 26 Mar 2022 16:37

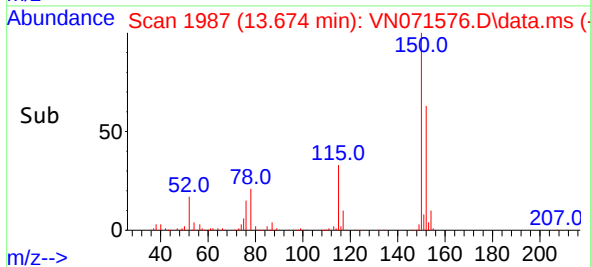
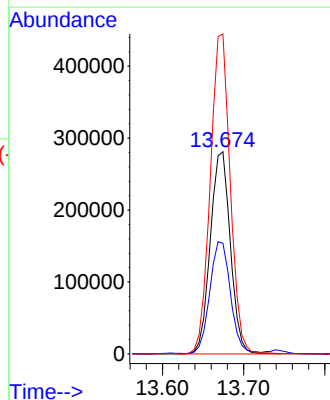
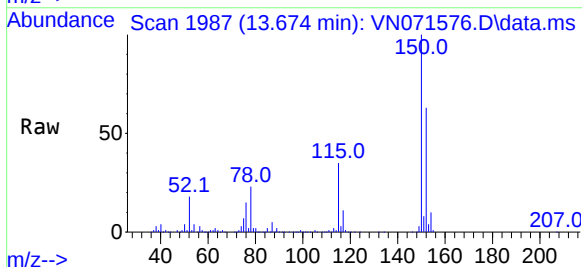
Tgt Ion:152 Resp: 482705

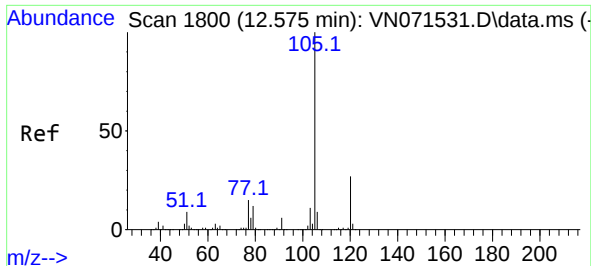
Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

150 157.4 0.0 356.2

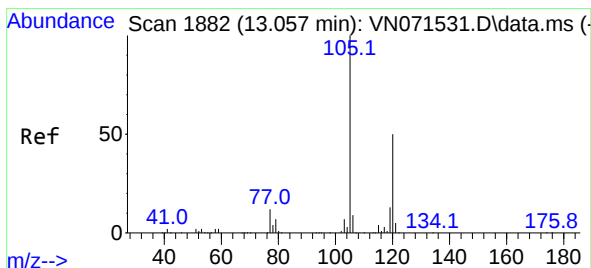
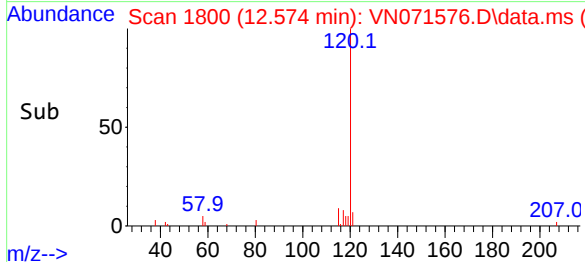
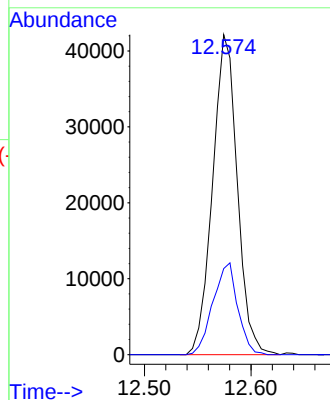
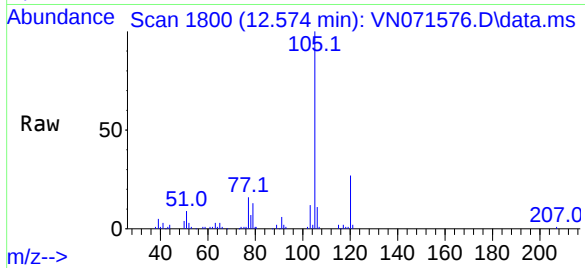




#73
Isopropylbenzene
Concen: 1.593 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

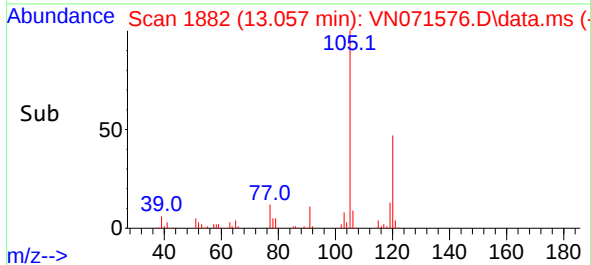
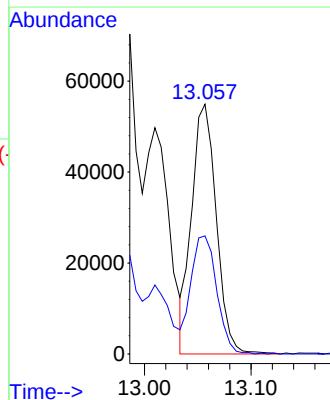
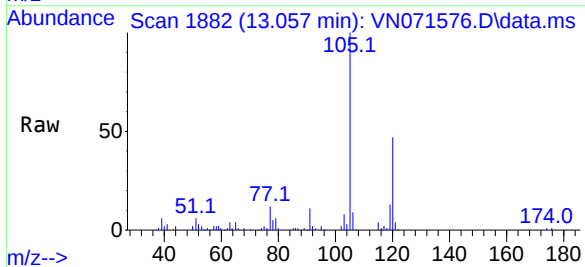
Instrument :
MSVOA_N
ClientSampleId :
WC-20220322

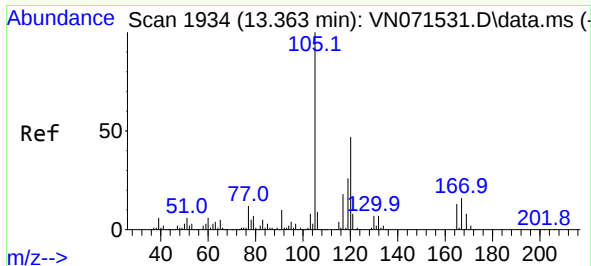
Tgt Ion:105 Resp: 67806
Ion Ratio Lower Upper
105 100
120 28.7 13.5 40.4



#80
1,3,5-Trimethylbenzene
Concen: 2.636 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion:105 Resp: 88554
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7

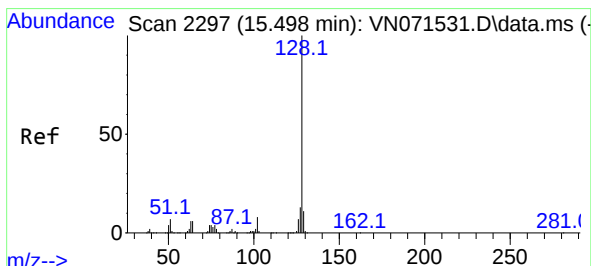
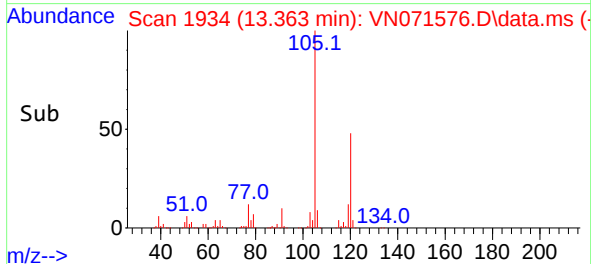
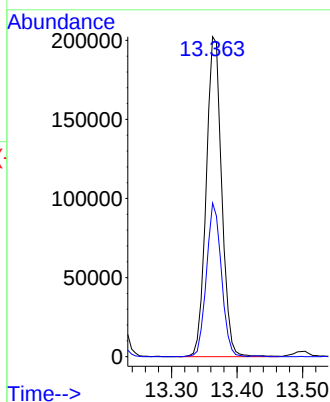
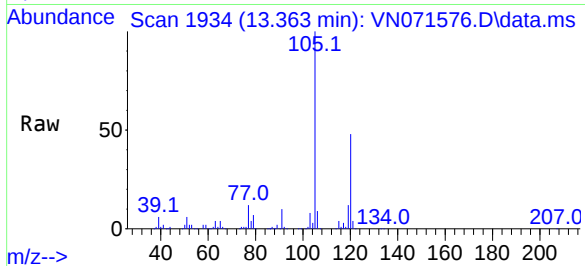




#84
1,2,4-Trimethylbenzene
Concen: 10.232 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Instrument :
MSVOA_N
ClientSampleId :
WC-20220322

Tgt Ion:105 Resp: 331675
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8



#95
Naphthalene
Concen: 178.829 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071576.D
Acq: 26 Mar 2022 16:37

Tgt Ion:128 Resp: 4610847
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

