

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071560.D
 Acq On : 25 Mar 2022 20:20
 Operator : JC\MD
 Sample : N2077-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-3-3-(2.5-3.0)

Quant Time: Mar 26 04:08:02 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)

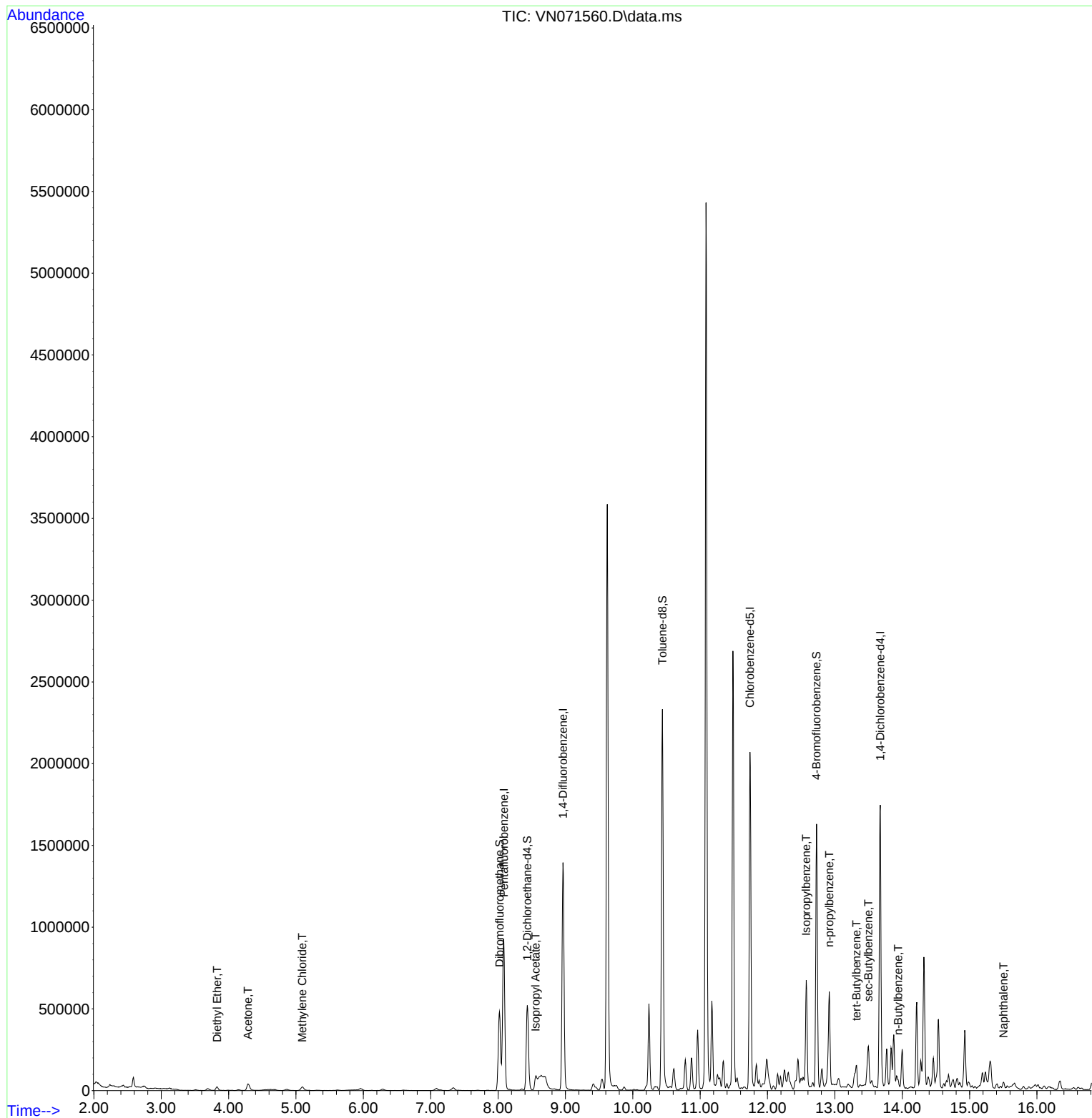
Internal Standards						
1) Pentafluorobenzene	8.086	168	760556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1286308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1272317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	507716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	440615	46.630	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.260%		
35) Dibromofluoromethane	8.022	113	361186	44.679	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.360%		
50) Toluene-d8	10.439	98	1609996	49.375	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.727	95	557406	52.171	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.340%		
Target Compounds						
8) Diethyl Ether	3.828	74	13508	2.623	ug/l	90
16) Acetone	4.287	43	75861	19.586	ug/l	98
20) Methylene Chloride	5.092	84	18743	2.077	ug/l	89
43) Isopropyl Acetate	8.557	43	93987	4.255	ug/l #	82
73) Isopropylbenzene	12.574	105	444144	9.922	ug/l	100
78) n-propylbenzene	12.915	91	460610	9.672	ug/l	99
83) tert-Butylbenzene	13.321	119	67028	2.101	ug/l	96
85) sec-Butylbenzene	13.498	105	162067	3.833	ug/l	79
89) n-Butylbenzene	13.939	91	28874	1.119	ug/l #	70
95) Naphthalene	15.504	128	39386	4.641	ug/l #	93

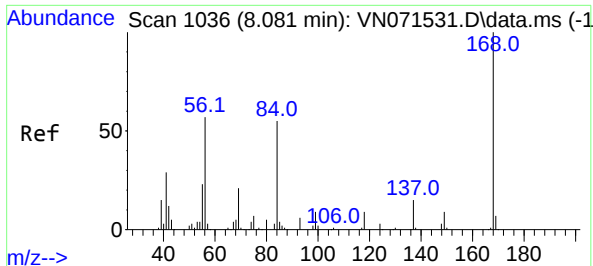
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

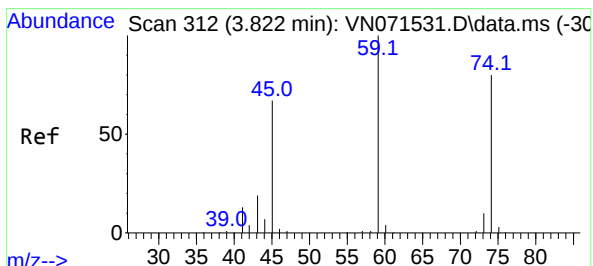
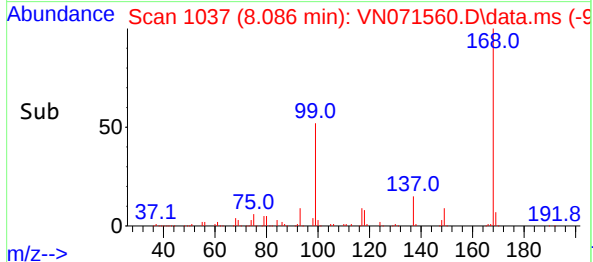
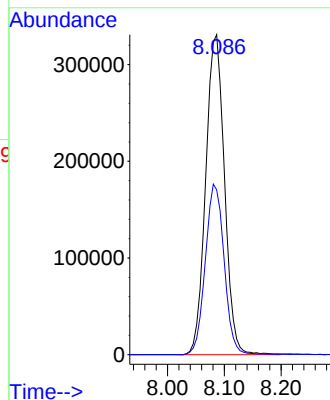
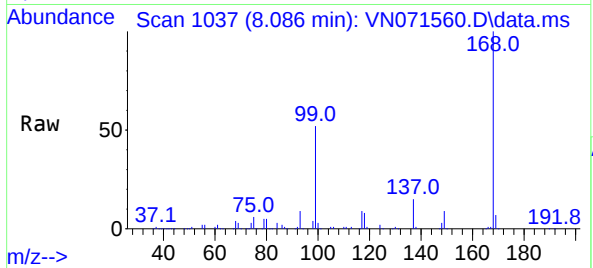




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

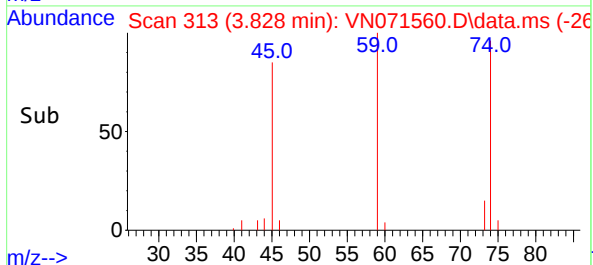
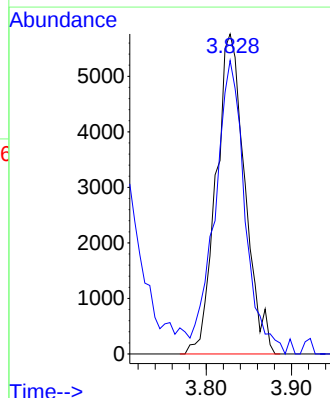
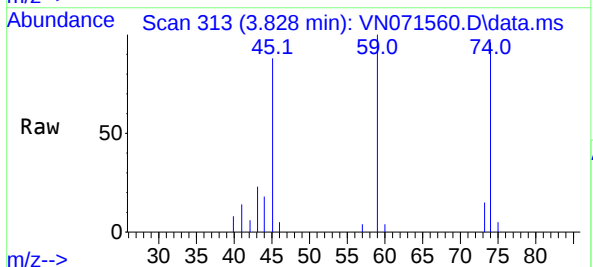
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

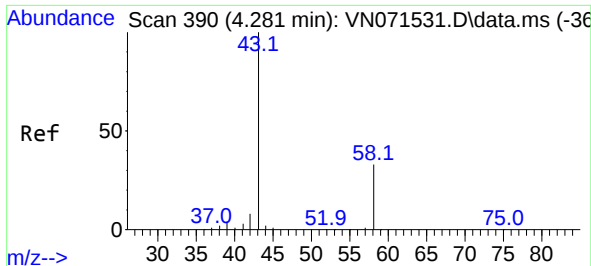
Tgt Ion:168 Resp: 760556
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#8
Diethyl Ether
Concen: 2.623 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion: 74 Resp: 13508
Ion Ratio Lower Upper
74 100
45 95.3 42.9 128.5

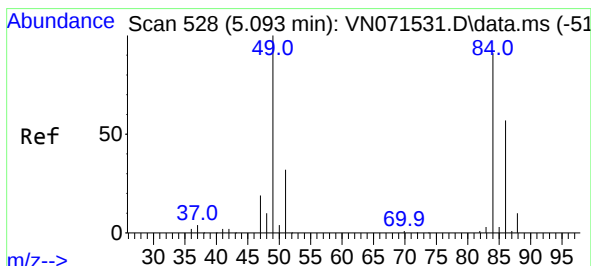
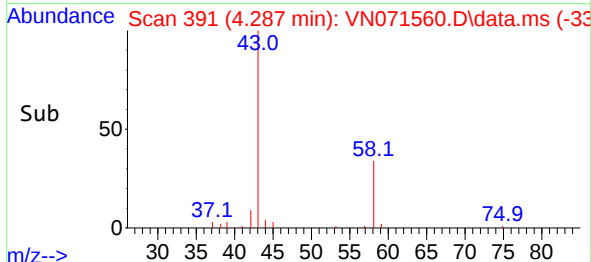
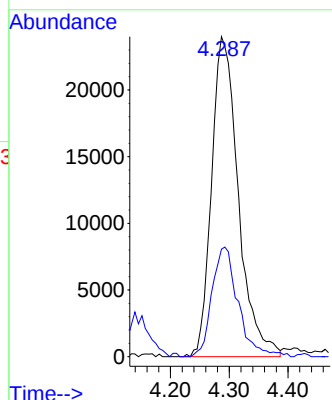
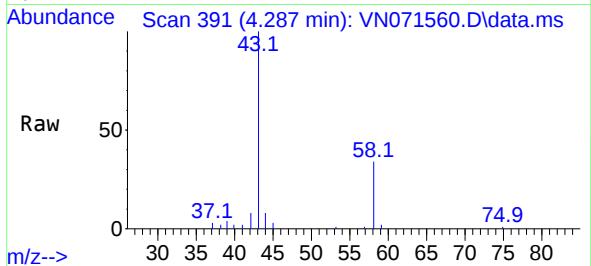




#16
Acetone
Concen: 19.586 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

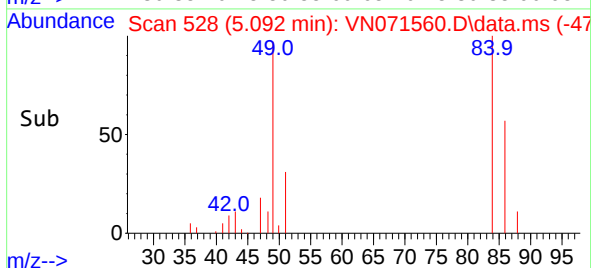
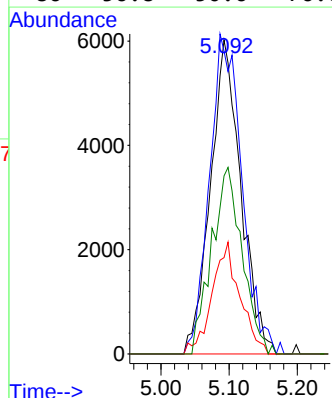
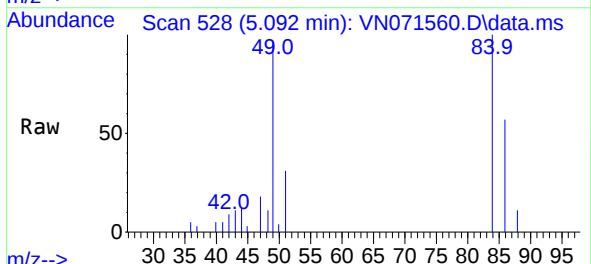
Instrument :
MSVOA_N
ClientSampleId :
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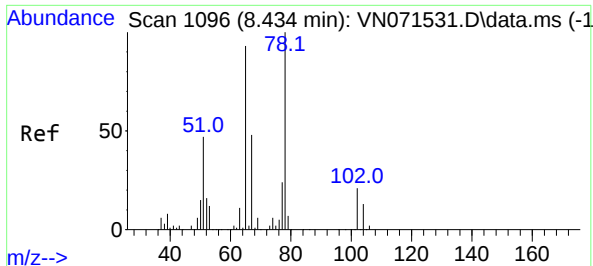
Tgt Ion: 43 Resp: 75861
Ion Ratio Lower Upper
43 100
58 33.6 26.0 39.0



#20
Methylene Chloride
Concen: 2.077 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion: 84 Resp: 18743
Ion Ratio Lower Upper
84 100
49 96.5 88.3 132.5
51 30.7 28.2 42.2
86 56.8 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 46.630 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071560.D

Acq: 25 Mar 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

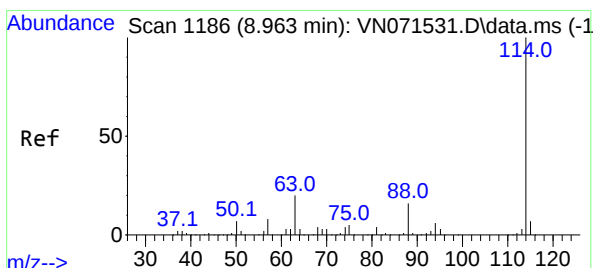
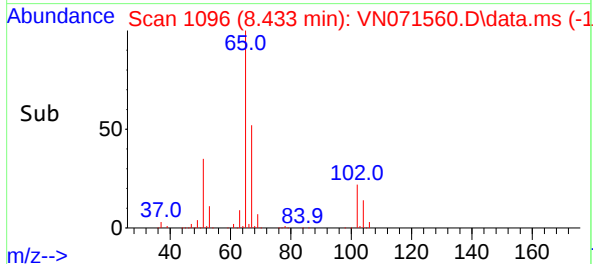
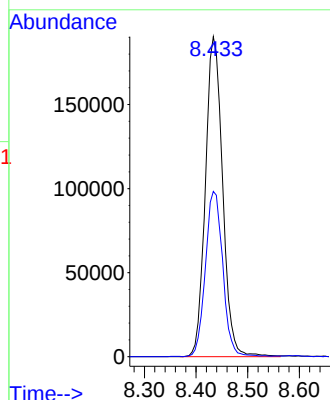
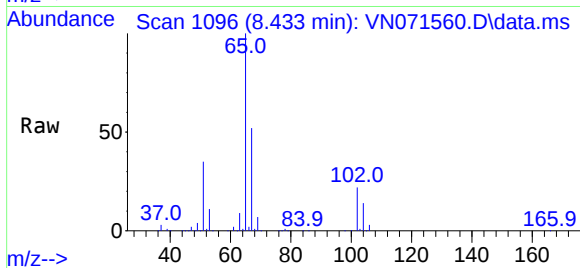
WC-14A-3-3-(2.5-3.0)

Tgt Ion: 65 Resp: 440615

Ion Ratio Lower Upper

65 100

67 52.1 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: VN071560.D

Acq: 25 Mar 2022 20:20

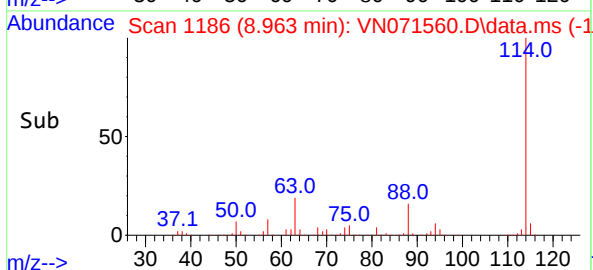
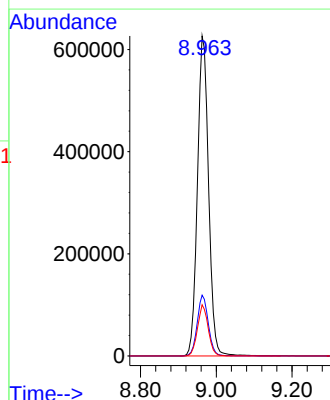
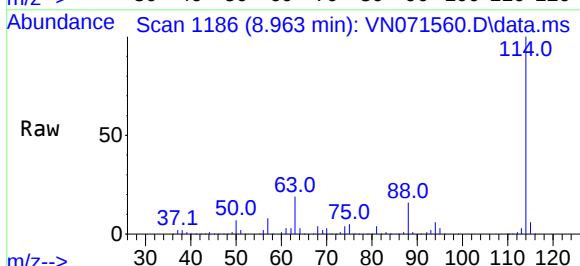
Tgt Ion:114 Resp: 1286308

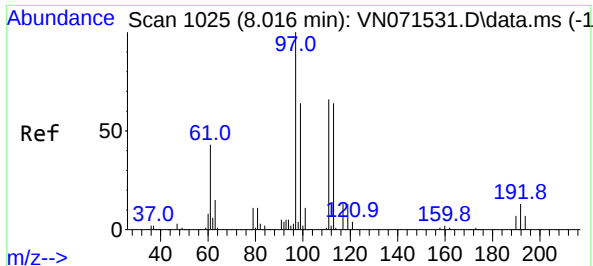
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.679 ug/l

RT: 8.022 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN071560.D

Acq: 25 Mar 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-3-3-(2.5-3.0)

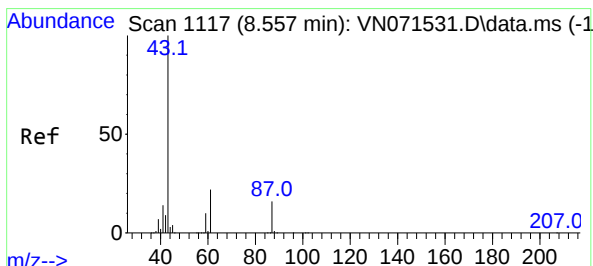
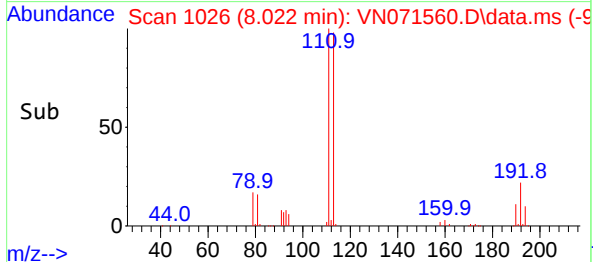
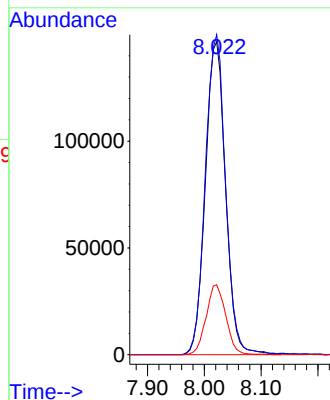
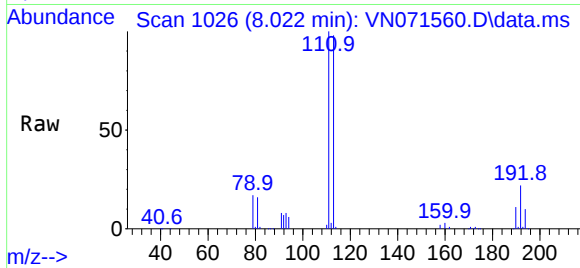
Tgt Ion:113 Resp: 361186

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 21.8 17.0 25.6



#43

Isopropyl Acetate

Concen: 4.255 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071560.D

Acq: 25 Mar 2022 20:20

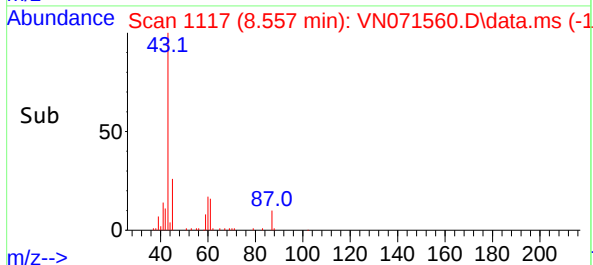
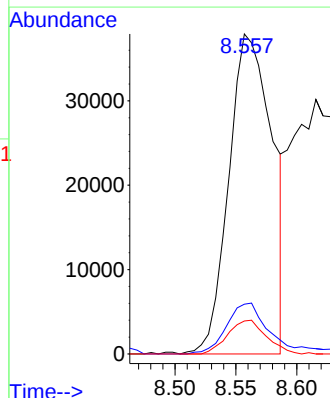
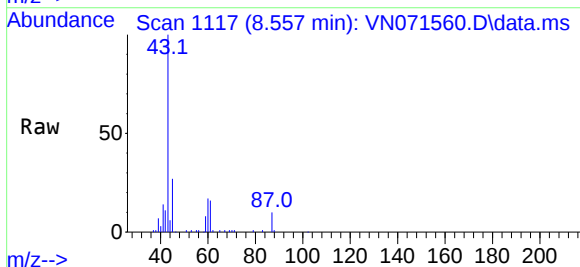
Tgt Ion: 43 Resp: 93987

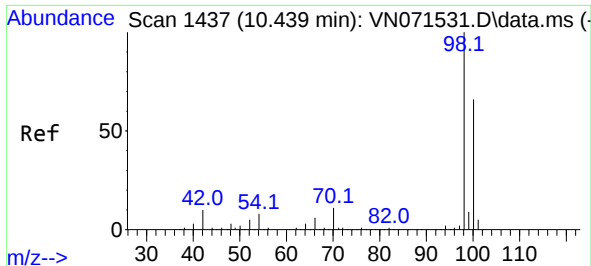
Ion Ratio Lower Upper

43 100

61 16.4 21.9 32.9#

87 9.4 12.0 18.0#

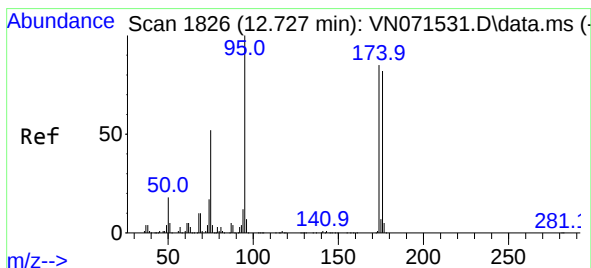
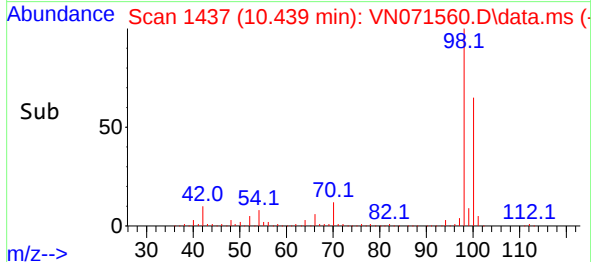
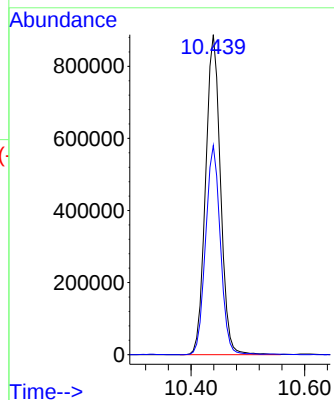
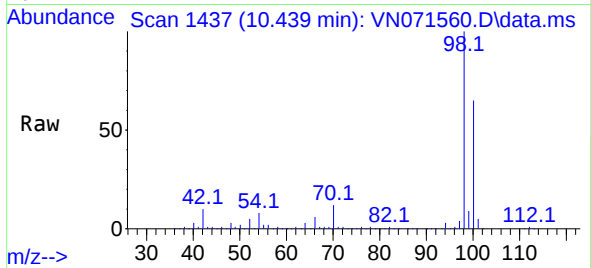




#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

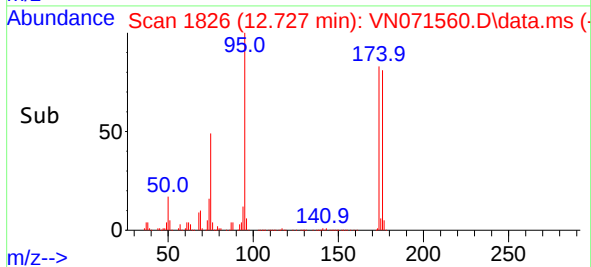
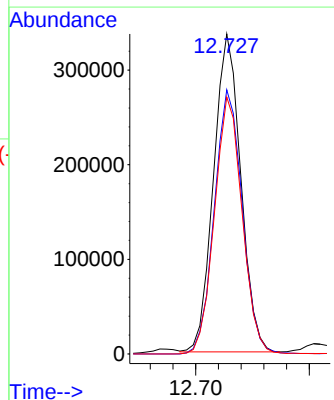
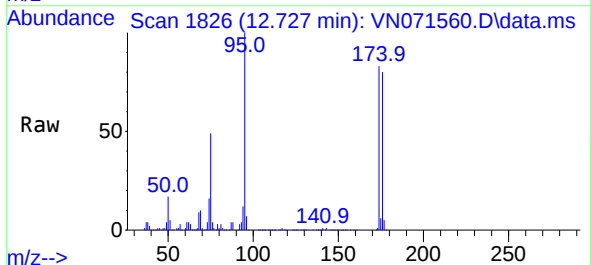
Instrument :
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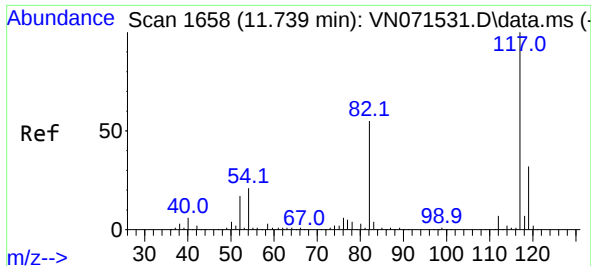
Tgt Ion: 98 Resp: 1609996
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.171 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion: 95 Resp: 557406
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 82.5 0.0 163.4

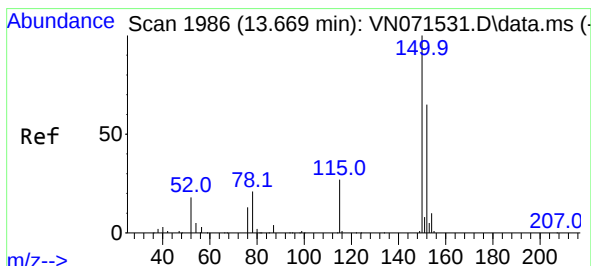
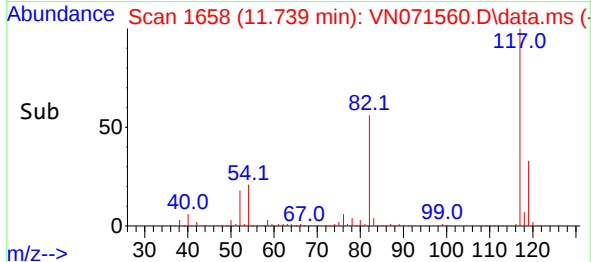
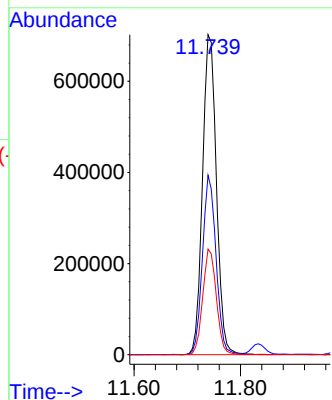
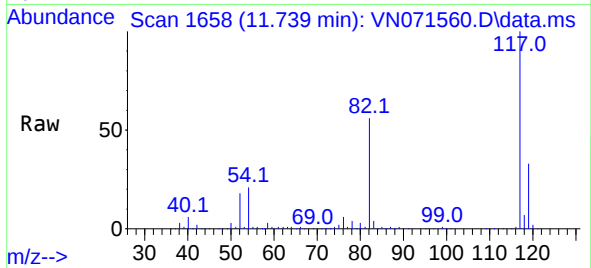




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

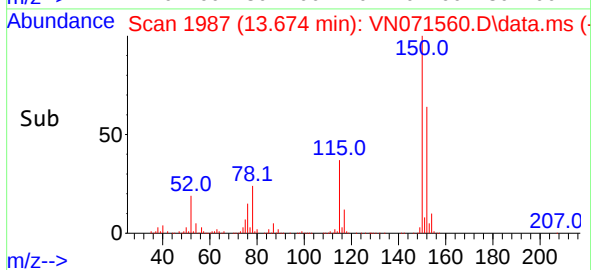
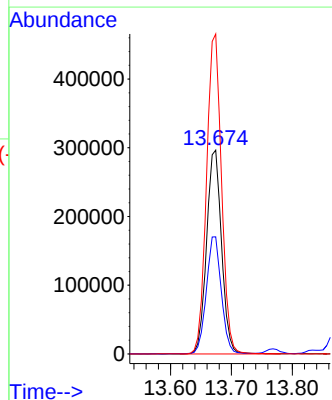
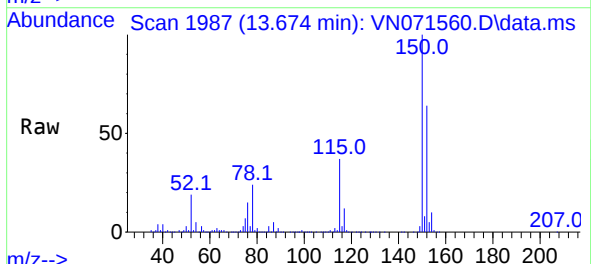
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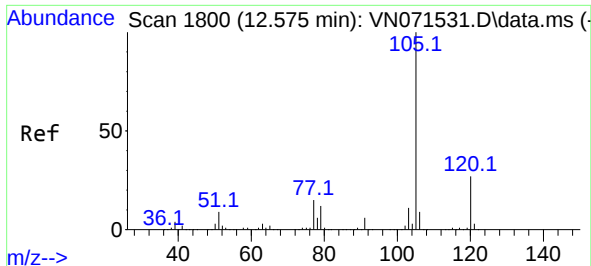
Tgt Ion:117 Resp: 1272317
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion:152 Resp: 507716
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 156.2 0.0 356.2

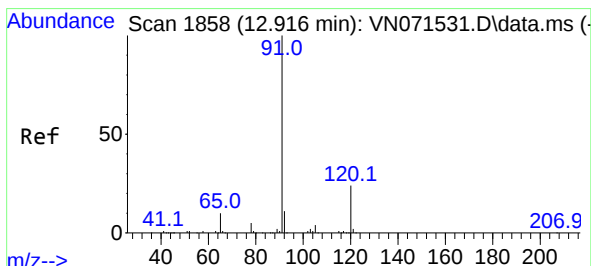
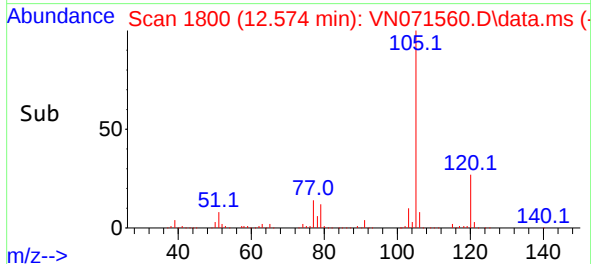
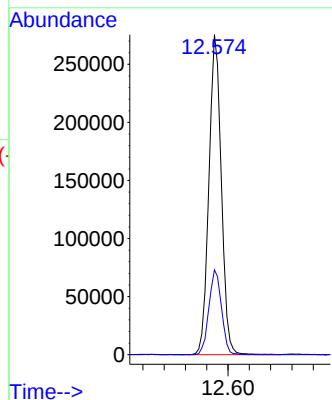
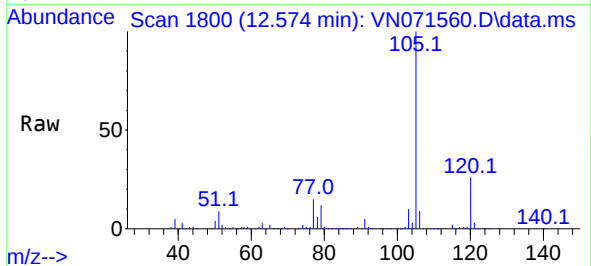




#73
Isopropylbenzene
Concen: 9.922 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

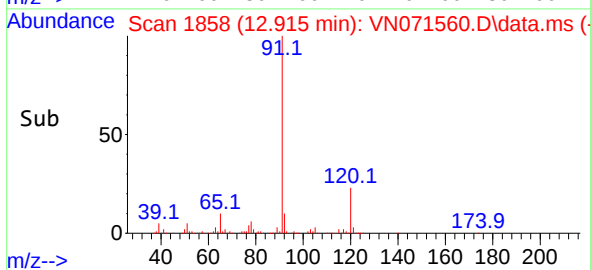
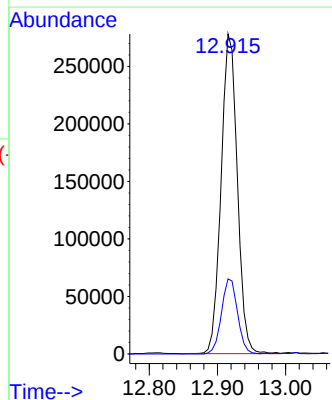
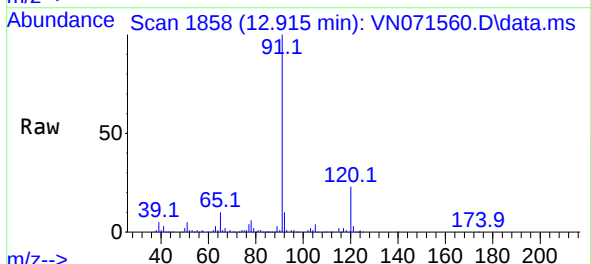
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

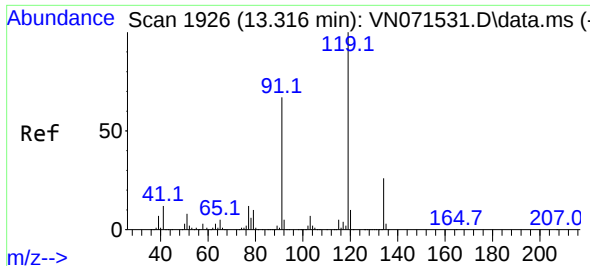
Tgt Ion:105 Resp: 444144
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#78
n-propylbenzene
Concen: 9.672 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion: 91 Resp: 460610
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

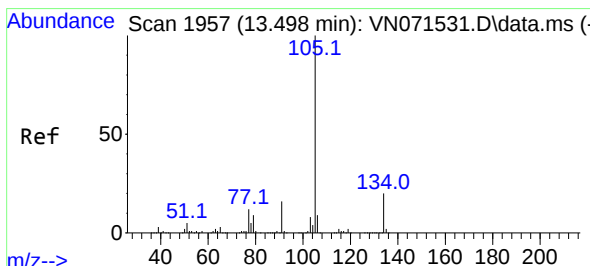
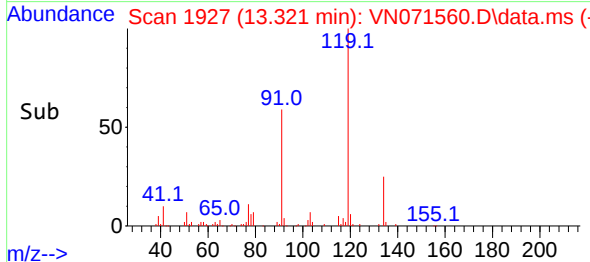
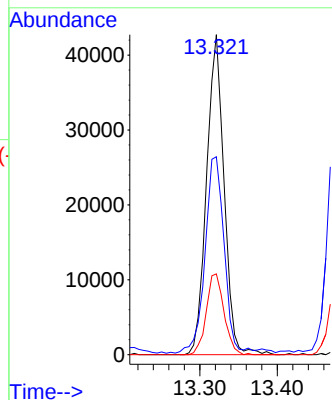
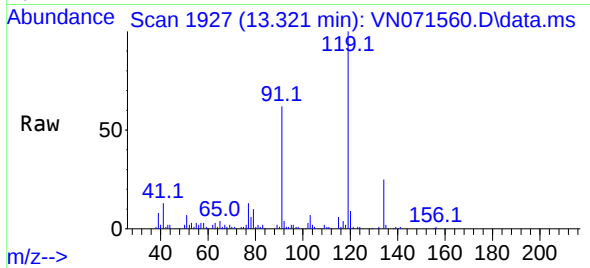




#83
tert-Butylbenzene
Concen: 2.101 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

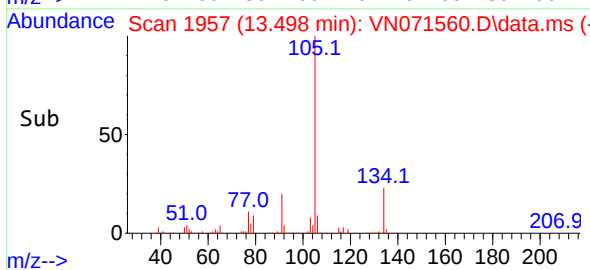
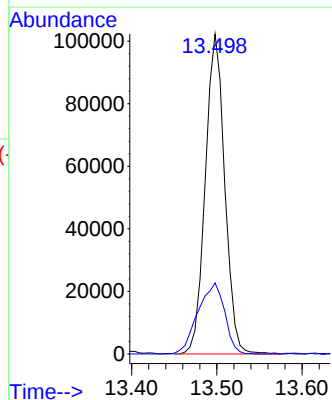
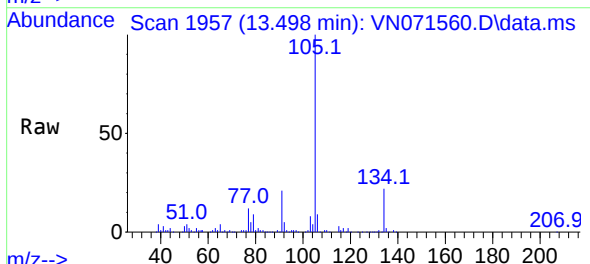
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

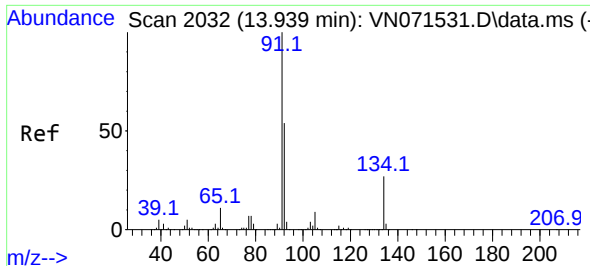
Tgt Ion:	119	Resp:	67028
Ion	Ratio	Lower	Upper
119	100		
91	65.9	31.6	94.8
134	25.6	13.7	41.1



#85
sec-Butylbenzene
Concen: 3.833 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion:	105	Resp:	162067
Ion	Ratio	Lower	Upper
105	100		
134	30.5	10.4	31.1

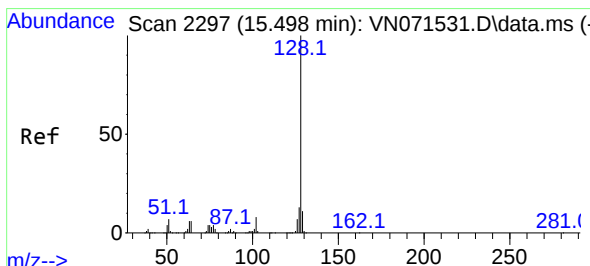
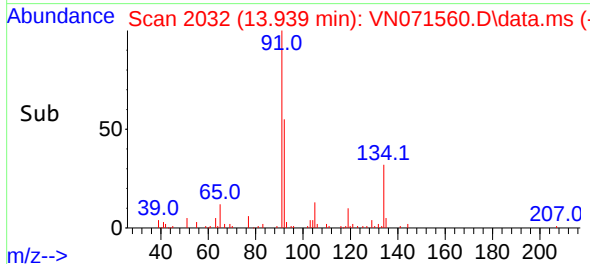
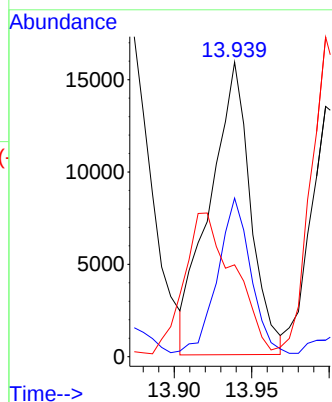
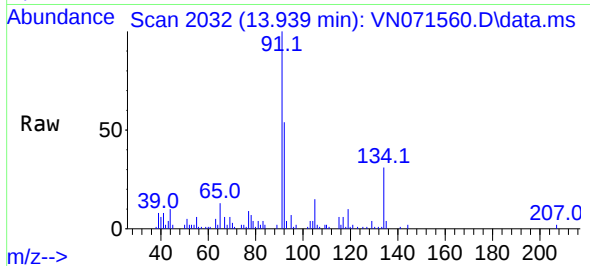




#89
n-Butylbenzene
Concen: 1.119 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-3-(2.5-3.0)

Tgt Ion: 91 Resp: 28874
Ion Ratio Lower Upper
91 100
92 45.9 26.9 80.7
134 61.9 13.6 40.8#



#95
Naphthalene
Concen: 4.641 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071560.D
Acq: 25 Mar 2022 20:20

Tgt Ion:128 Resp: 39386
Ion Ratio Lower Upper
128 100
127 16.2 10.3 15.5#
129 8.9 8.6 13.0

