

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071559.D
 Acq On : 25 Mar 2022 19:56
 Operator : JC\MD
 Sample : N2077-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-3-2

Quant Time: Mar 26 04:07:31 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)

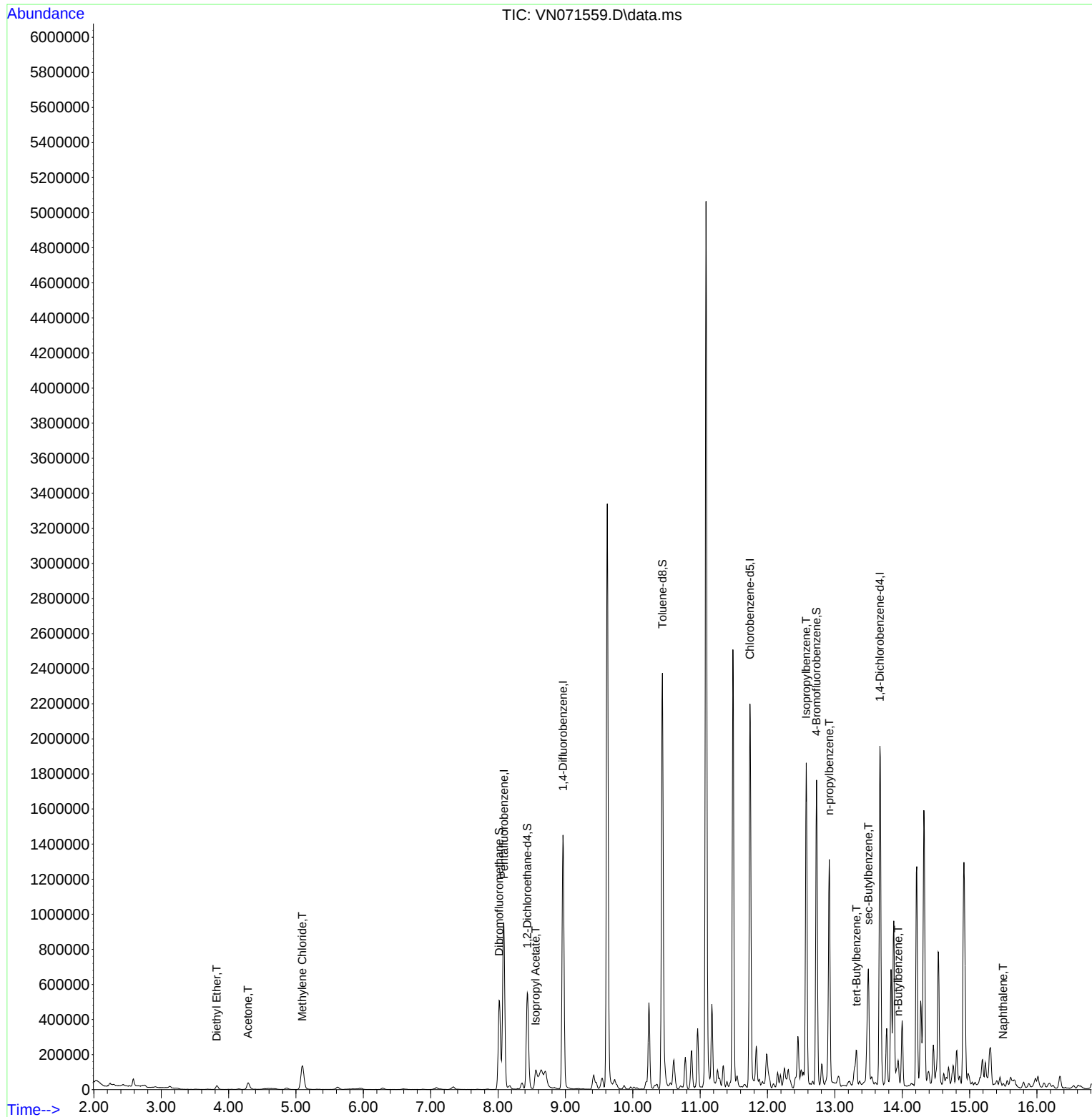
Internal Standards						
1) Pentafluorobenzene	8.086	168	788457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1333086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1341441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	566138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	461075	47.069	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.140%
35) Dibromofluoromethane	8.016	113	378745	45.207	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.420%
50) Toluene-d8	10.439	98	1673622	49.526	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.727	95	602624	54.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.840%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.822	74	13140	2.462	ug/l	97
16) Acetone	4.287	43	69711	17.362	ug/l	98
20) Methylene Chloride	5.092	84	117139	12.520	ug/l	97
43) Isopropyl Acetate	8.557	43	107588	4.743	ug/l #	77
73) Isopropylbenzene	12.574	105	1245990	24.963	ug/l	100
78) n-propylbenzene	12.915	91	1044082	19.661	ug/l	100
83) tert-Butylbenzene	13.321	119	98785	2.777	ug/l	93
85) sec-Butylbenzene	13.498	105	420140	8.912	ug/l #	77
89) n-Butylbenzene	13.939	91	81314	2.825	ug/l	87
95) Naphthalene	15.498	128	18729	3.823	ug/l #	91

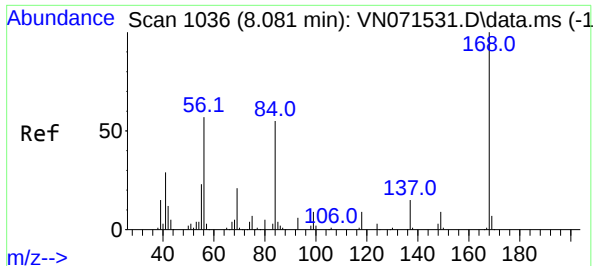
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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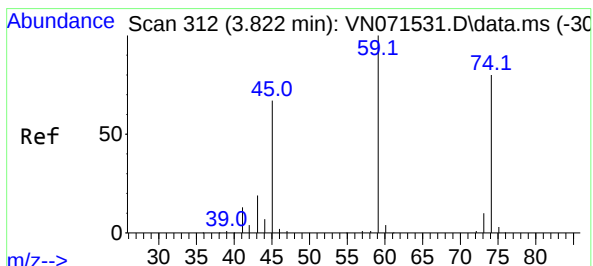
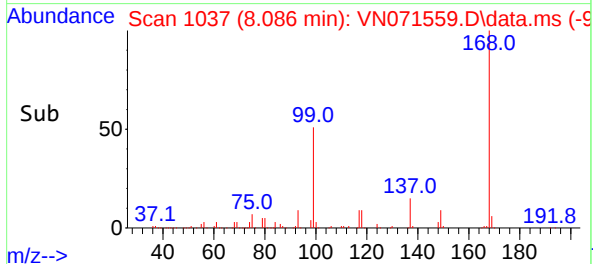
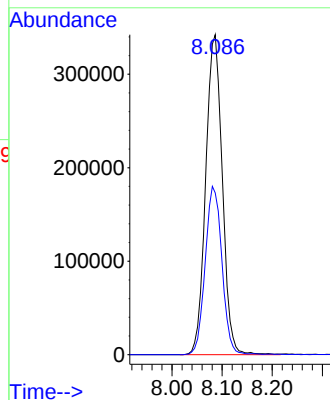
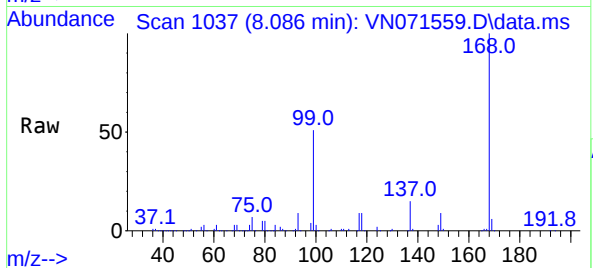




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

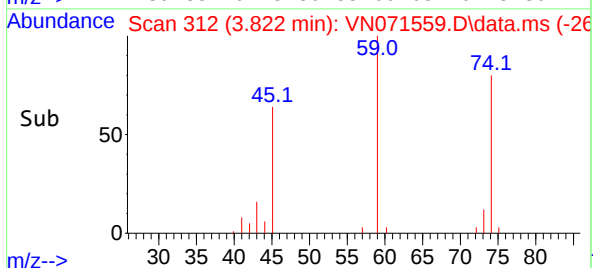
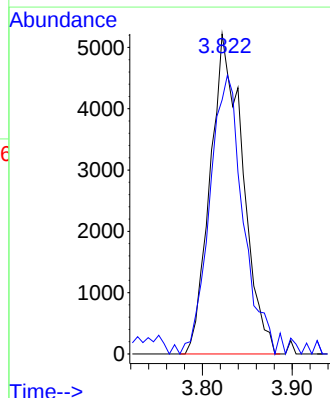
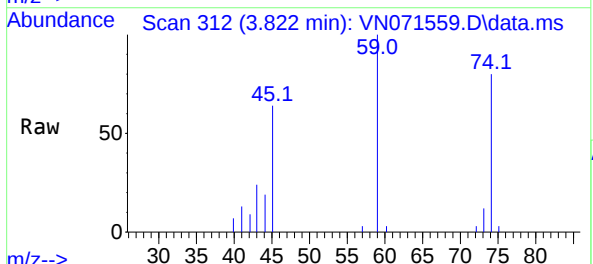
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MSVOA_N
ClientSampleId :
WC-14A-3-2

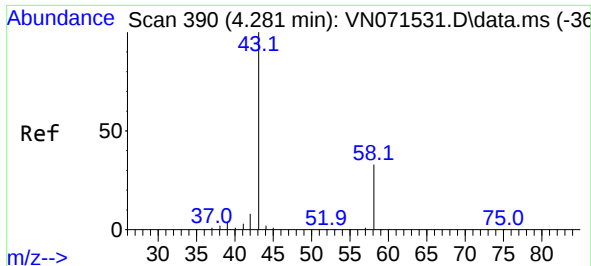
Tgt Ion:168 Resp: 788457
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#8
Diethyl Ether
Concen: 2.462 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 74 Resp: 13140
Ion Ratio Lower Upper
74 100
45 88.8 42.9 128.5

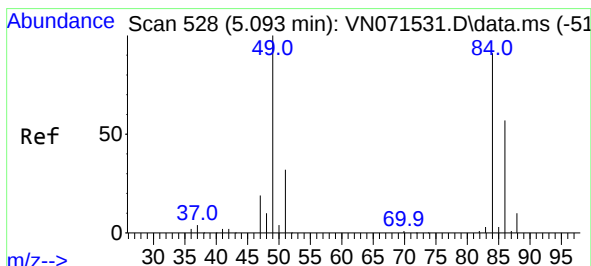
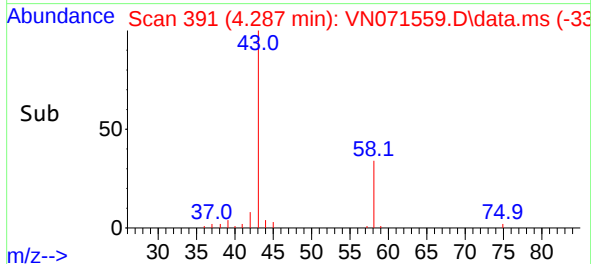
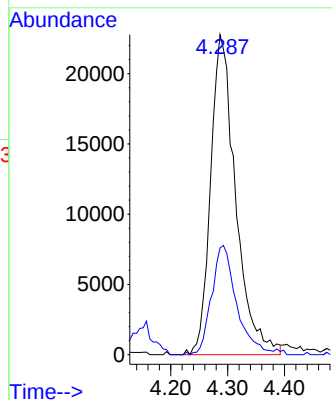
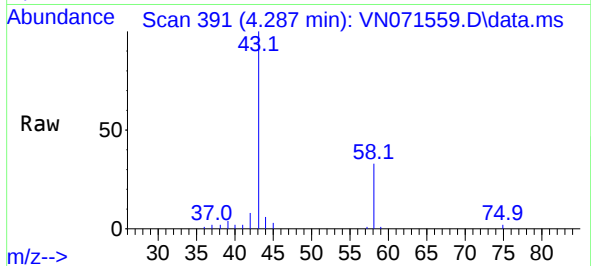




#16
Acetone
Concen: 17.362 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

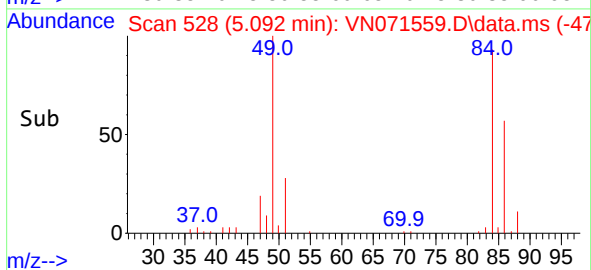
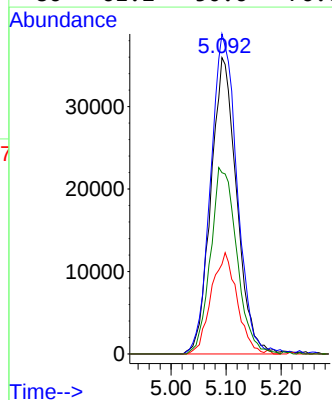
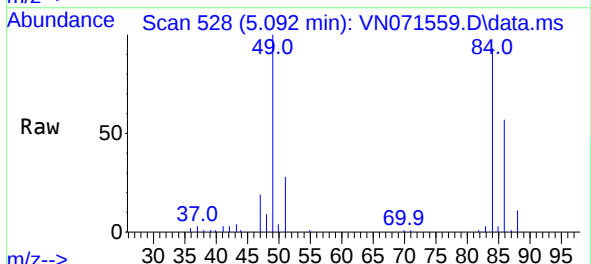
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2

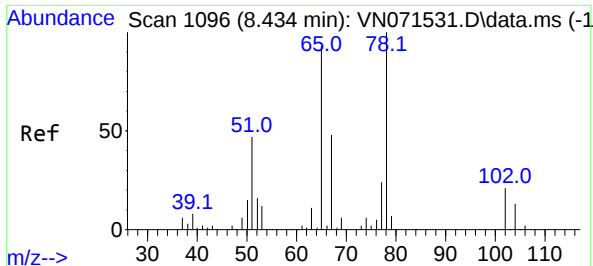
Tgt Ion: 43 Resp: 69711
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0



#20
Methylene Chloride
Concen: 12.520 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 84 Resp: 117139
Ion Ratio Lower Upper
84 100
49 108.0 88.3 132.5
51 30.3 28.2 42.2
86 61.2 50.6 76.0

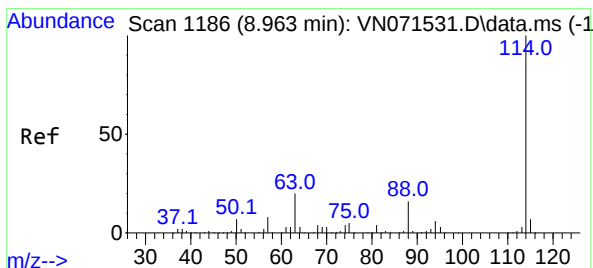
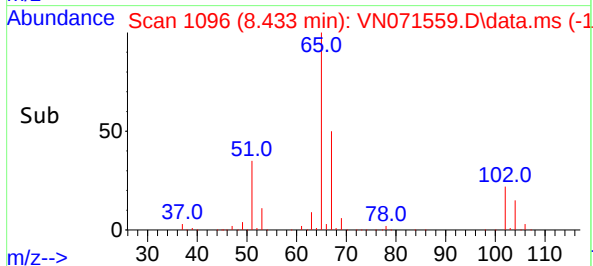
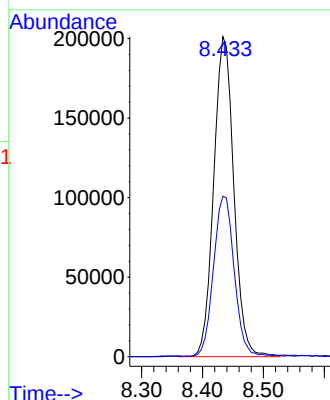
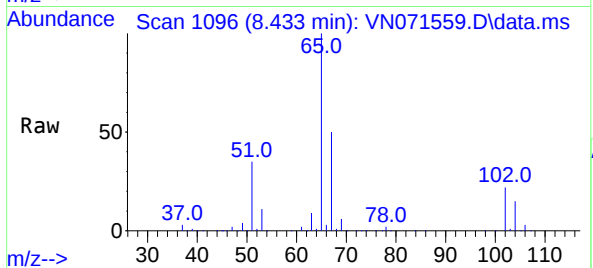




#33
1,2-Dichloroethane-d4
Concen: 47.069 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

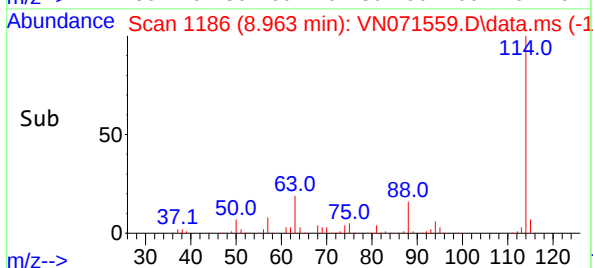
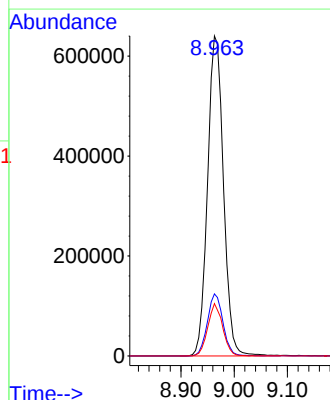
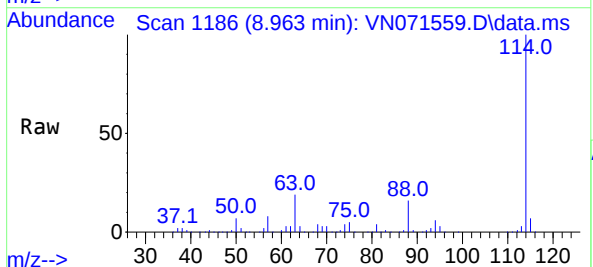
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2

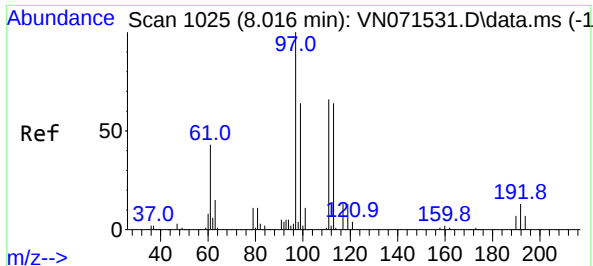
Tgt Ion: 65 Resp: 461075
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 114 Resp: 1333086
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 16.4 0.0 32.6

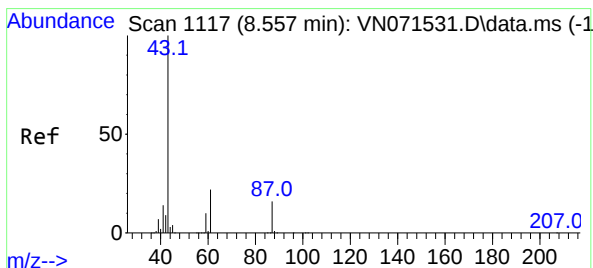
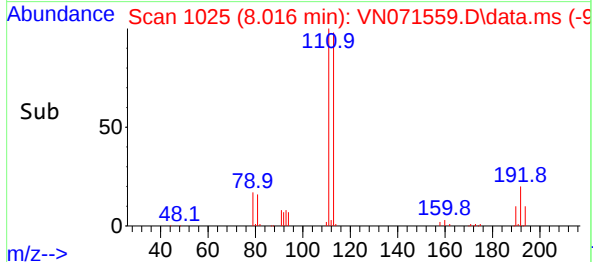
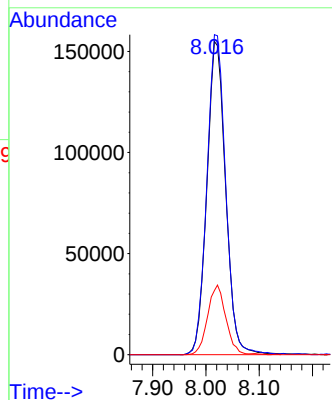
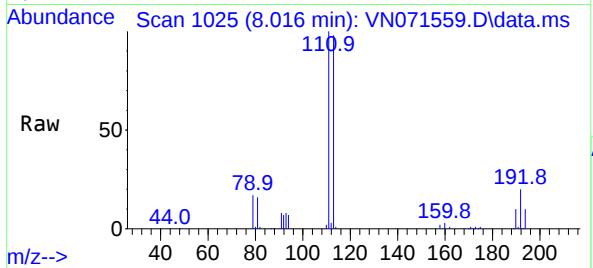




#35
Dibromofluoromethane
Concen: 45.207 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

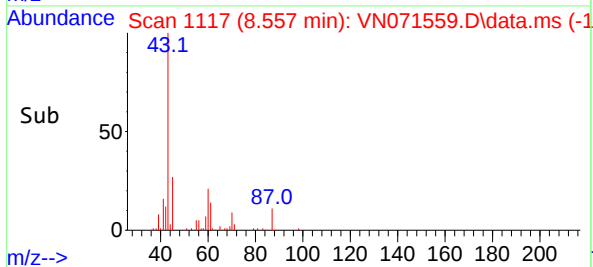
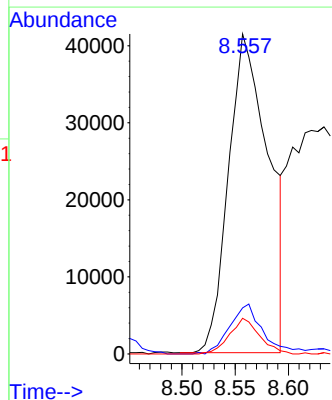
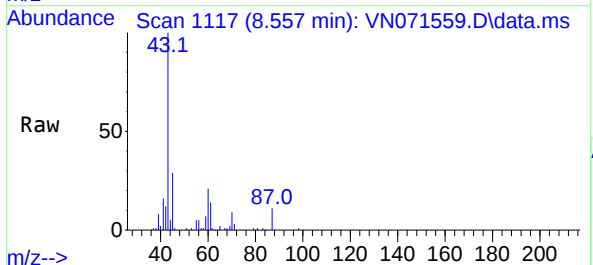
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MSVOA_N
ClientSampleId :
WC-14A-3-2

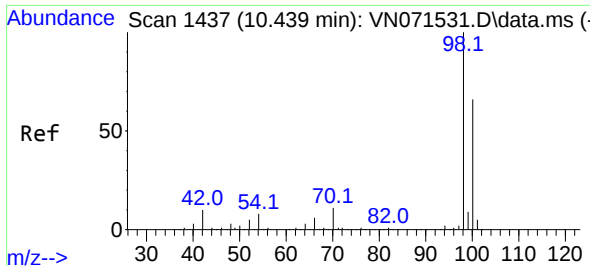
Tgt Ion:113 Resp: 378745
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 21.8 17.0 25.6



#43
Isopropyl Acetate
Concen: 4.743 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 43 Resp: 107588
Ion Ratio Lower Upper
43 100
61 13.1 21.9 32.9#
87 8.4 12.0 18.0#

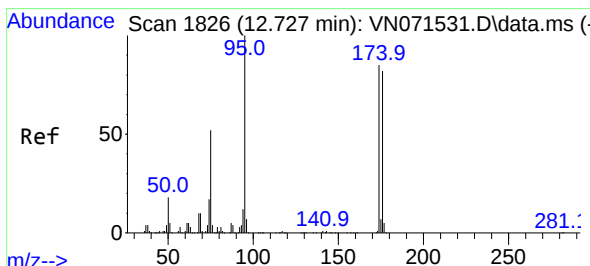
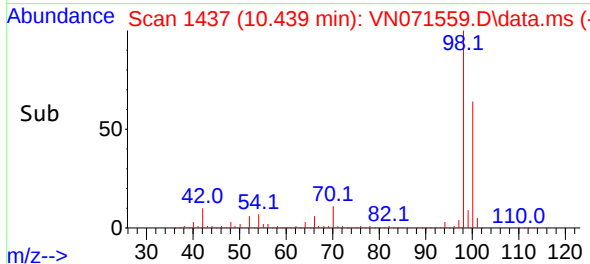
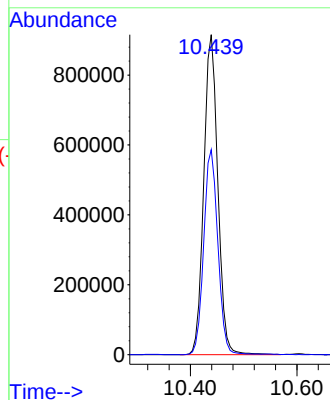
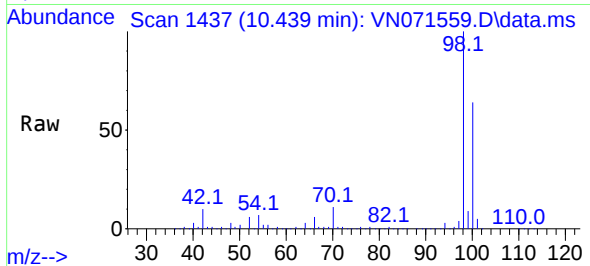




#50
Toluene-d8
Concen: 49.526 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

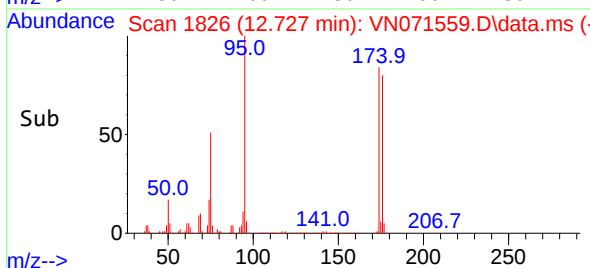
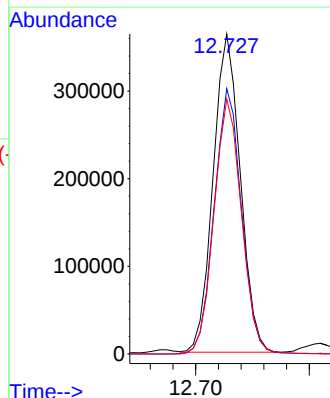
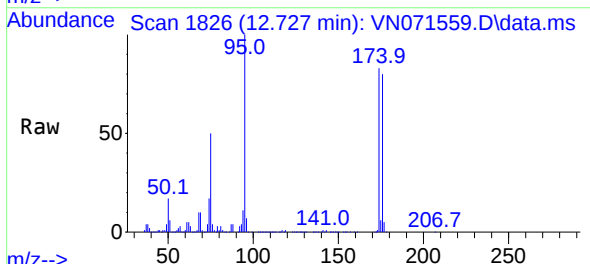
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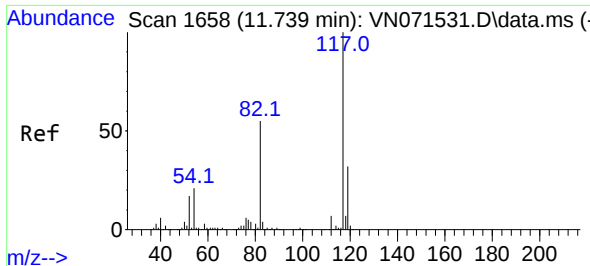
Tgt Ion: 98 Resp: 1673622
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.424 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 95 Resp: 602624
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 81.1 0.0 163.4

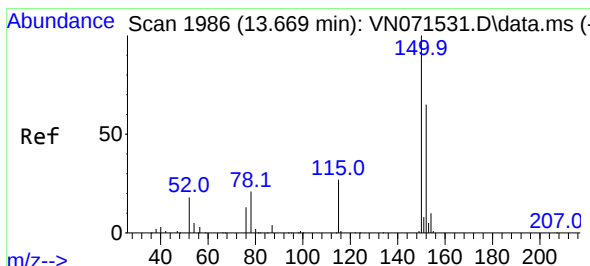
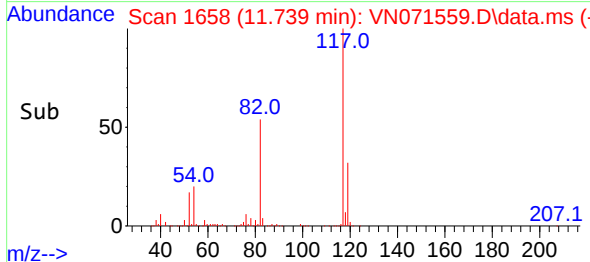
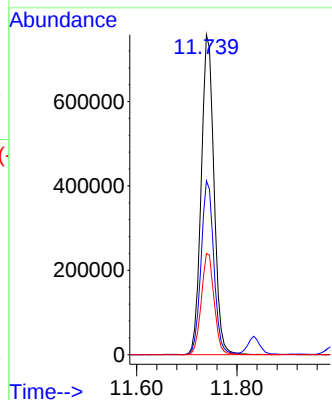
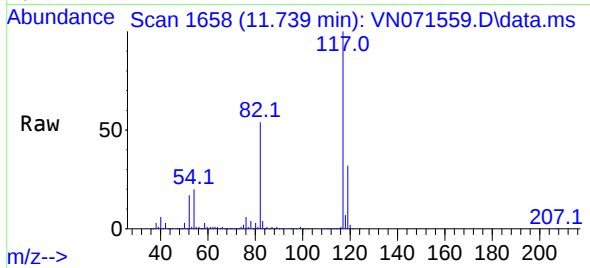




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

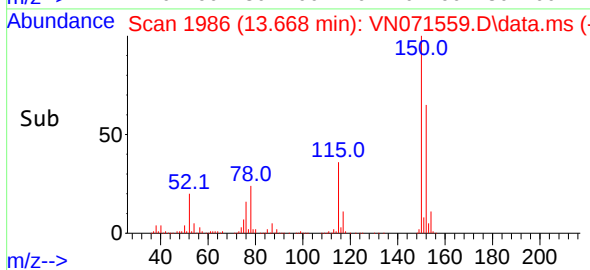
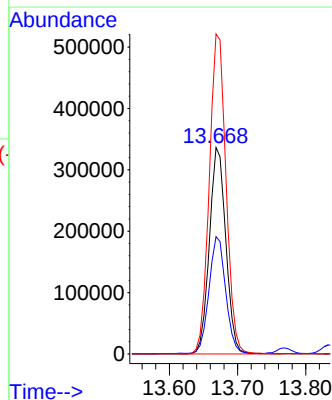
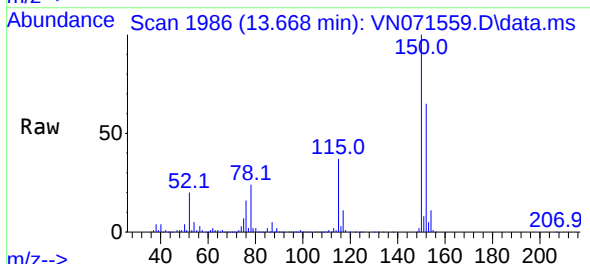
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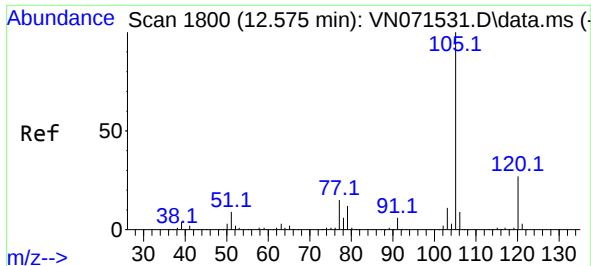
Tgt Ion:117 Resp: 1341441
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion:152 Resp: 566138
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 157.6 0.0 356.2

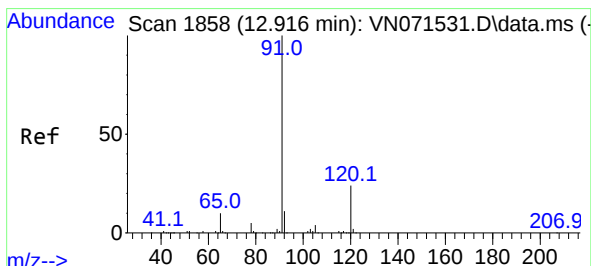
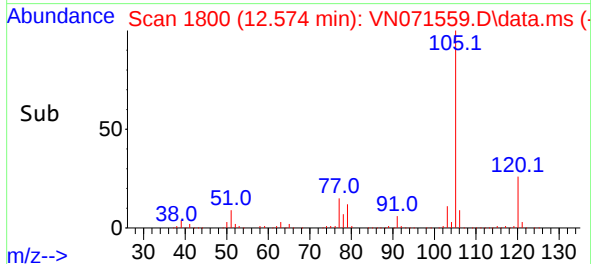
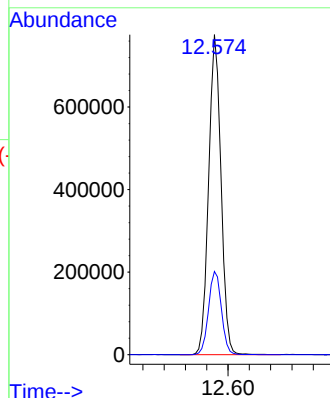
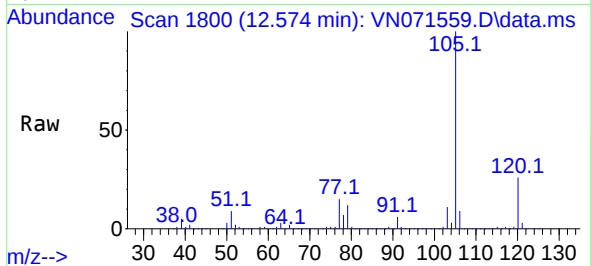




#73
Isopropylbenzene
Concen: 24.963 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

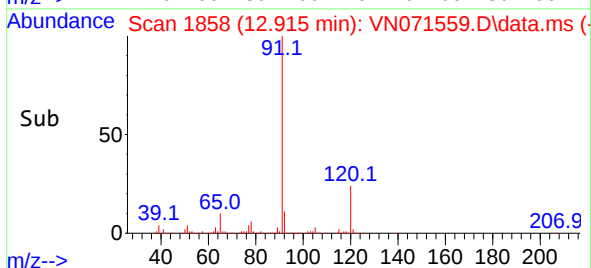
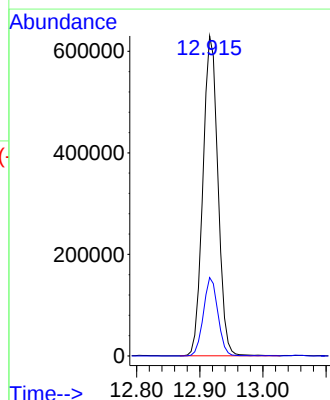
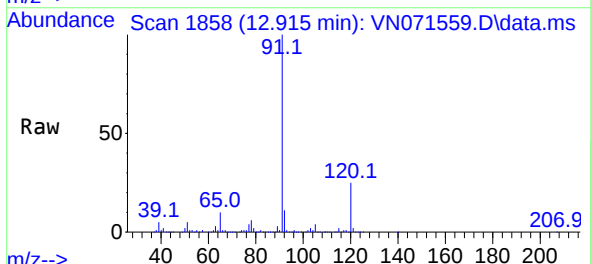
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2

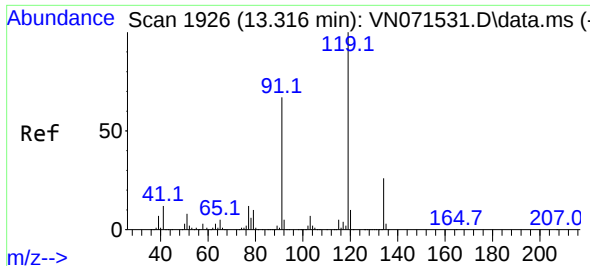
Tgt Ion:105 Resp: 1245990
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#78
n-propylbenzene
Concen: 19.661 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 91 Resp: 1044082
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

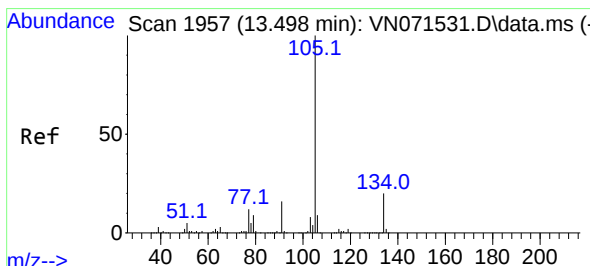
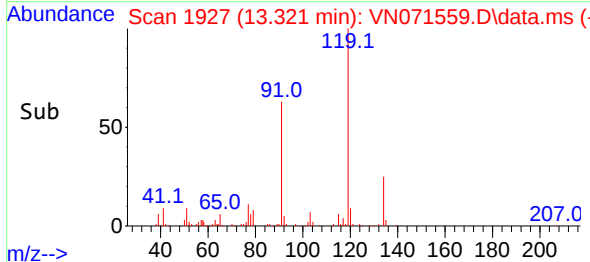
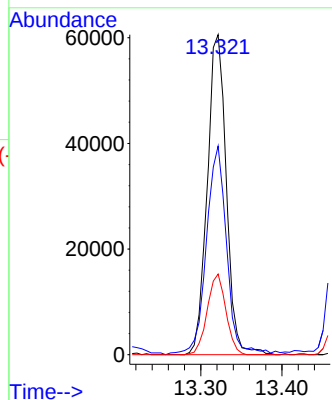
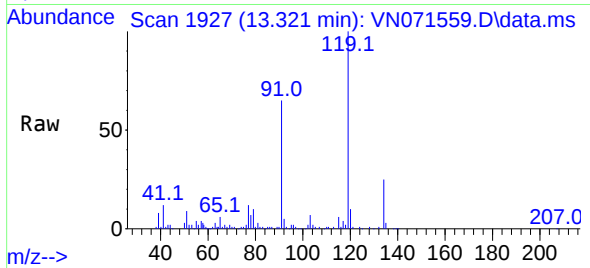




#83
tert-Butylbenzene
Concen: 2.777 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

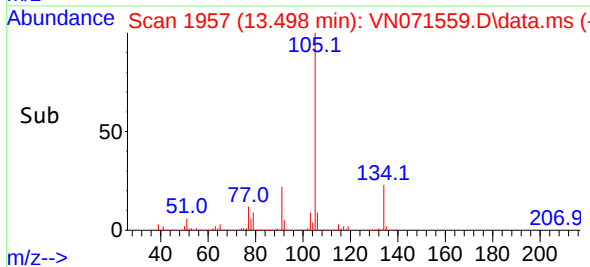
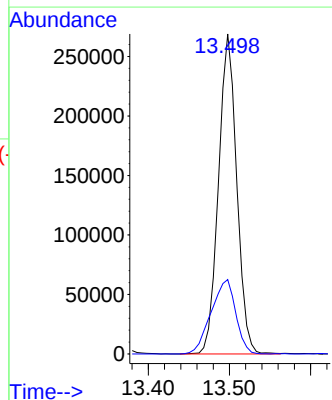
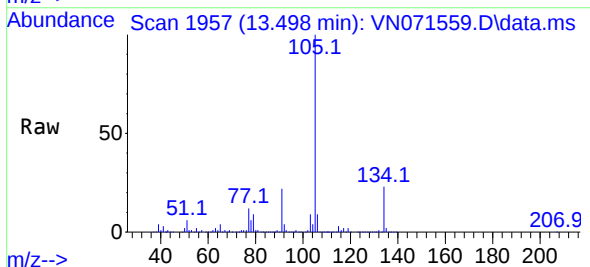
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2

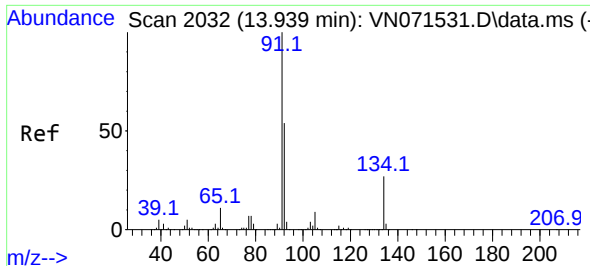
Tgt Ion:119 Resp: 98785
Ion Ratio Lower Upper
119 100
91 69.7 31.6 94.8
134 24.7 13.7 41.1



#85
sec-Butylbenzene
Concen: 8.912 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion:105 Resp: 420140
Ion Ratio Lower Upper
105 100
134 31.4 10.4 31.1#

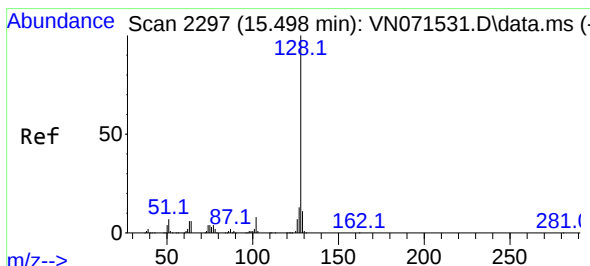
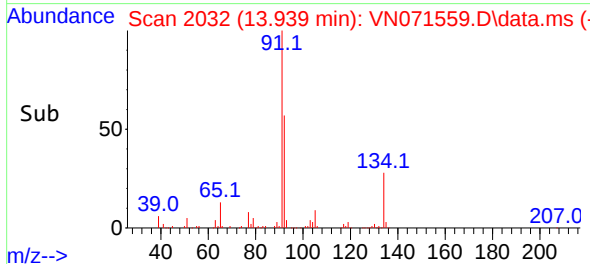
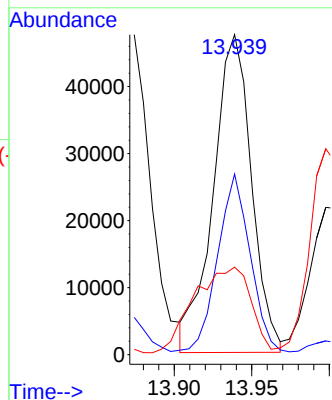
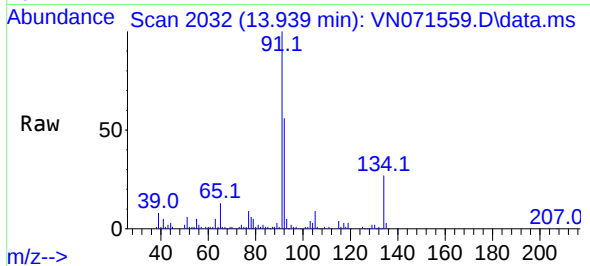




#89
n-Butylbenzene
Concen: 2.825 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2

Tgt Ion: 91 Resp: 81314
Ion Ratio Lower Upper
91 100
92 49.6 26.9 80.7
134 40.6 13.6 40.8



#95
Naphthalene
Concen: 3.823 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071559.D
Acq: 25 Mar 2022 19:56

Tgt Ion: 128 Resp: 18729
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5#
129 6.9 8.6 13.0#

