

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071316.D
 Acq On : 16 Mar 2022 13:16
 Operator : JC\MD
 Sample : N1908-09
 Misc : 4.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1B

Quant Time: Mar 16 15:48:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

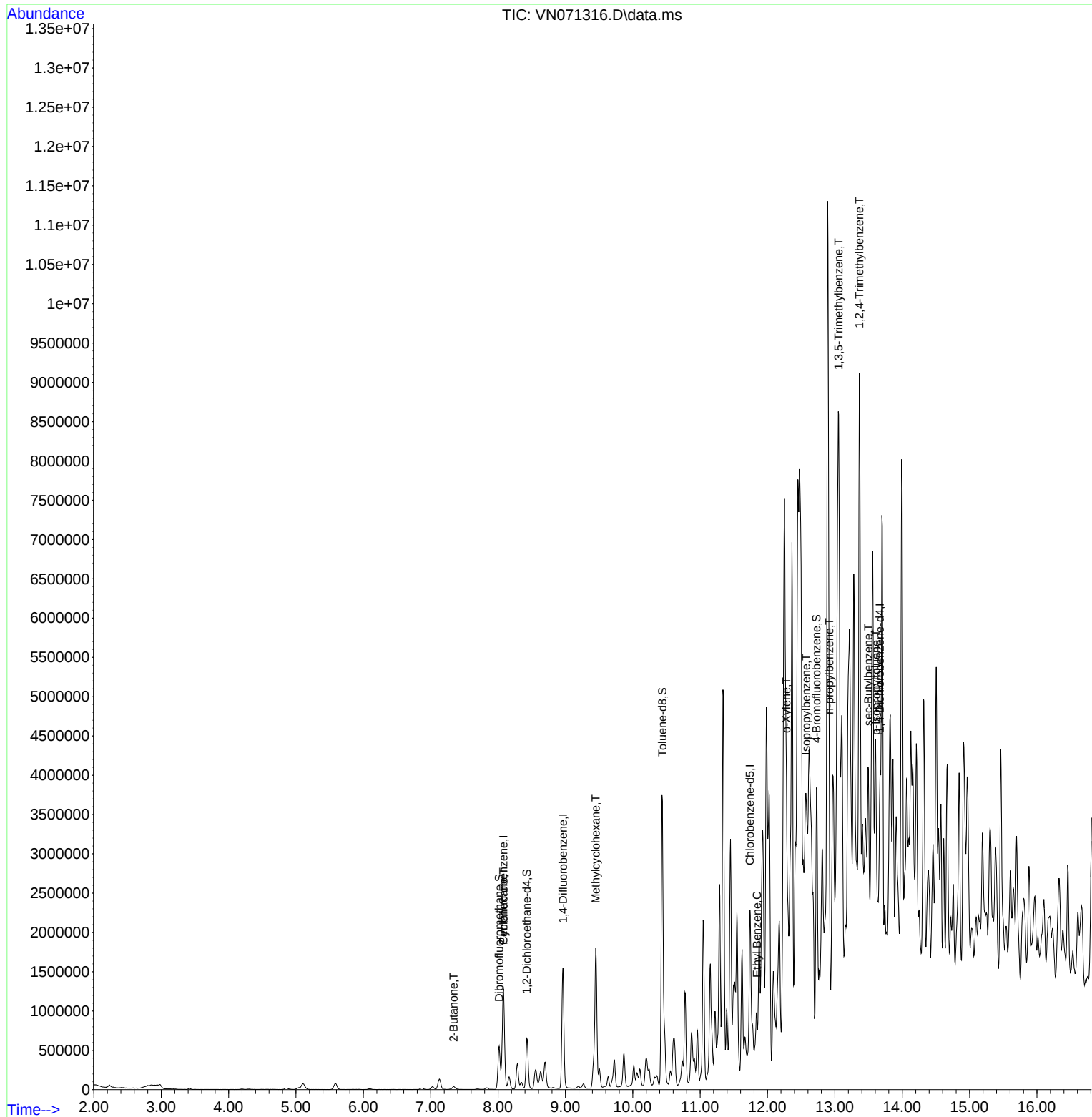
Internal Standards						
1) Pentafluorobenzene	8.081	168	837949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1357251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1135980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	598697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	531188	46.25	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.50%		
35) Dibromofluoromethane	8.016	113	402951	47.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.10%		
50) Toluene-d8	10.439	98	1674025	48.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.08%		
62) 4-Bromofluorobenzene	12.727	95	669946	57.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.74%		
Target Compounds						
25) 2-Butanone	7.339	43	75803	8.42	ug/l	93
31) Cyclohexane	8.081	56	143416	7.82	ug/l #	91
39) Methylcyclohexane	9.451	83	723408	44.81	ug/l	91
67) Ethyl Benzene	11.845	91	230119	5.33	ug/l	94
69) o-Xylene	12.280	106	454099	28.71	ug/l	91
73) Isopropylbenzene	12.574	105	656841	11.38	ug/l	99
78) n-propylbenzene	12.916	91	1235427	19.95	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	715070	15.93	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	3848634	89.49	ug/l	99
85) sec-Butylbenzene	13.498	105	866124	16.26	ug/l #	76
86) p-Isopropyltoluene	13.610	119	603308	14.40	ug/l	98

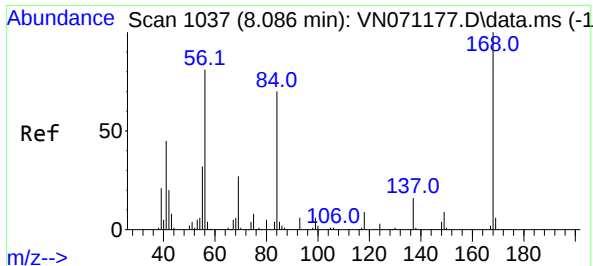
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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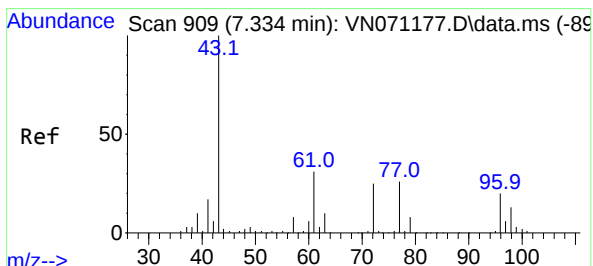
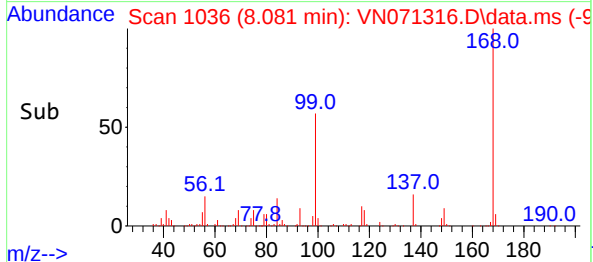
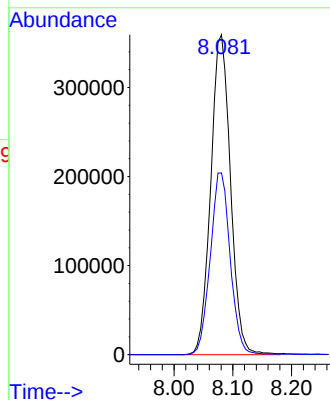
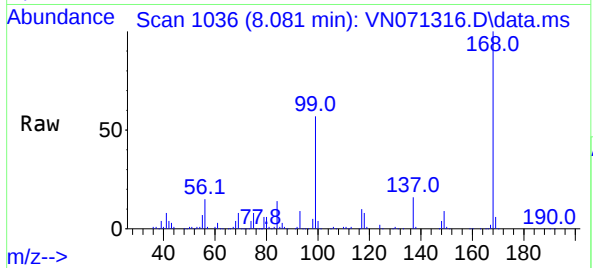




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

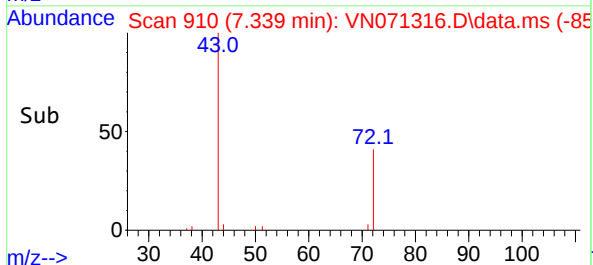
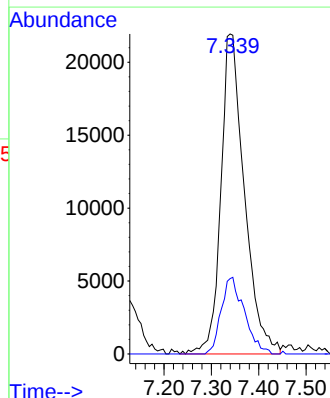
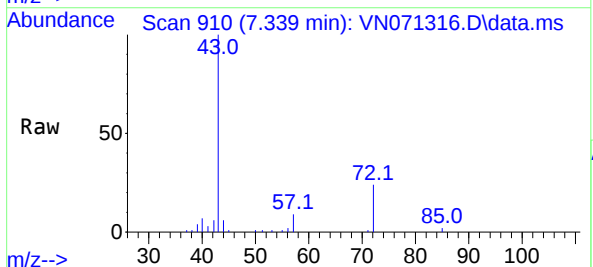
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1B

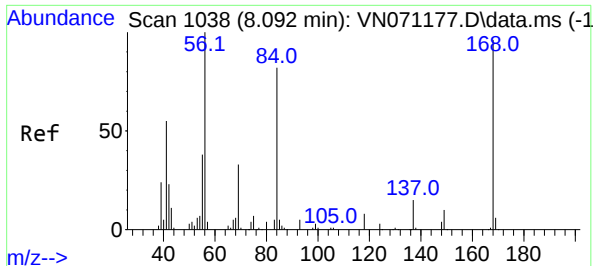
Tgt Ion:168 Resp: 837949
Ion Ratio Lower Upper
168 100
99 56.8 41.3 61.9



#25
2-Butanone
Concen: 8.42 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

Tgt Ion: 43 Resp: 75803
Ion Ratio Lower Upper
43 100
72 23.6 21.7 32.5





#31

Cyclohexane

Concen: 7.82 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071316.D

Acq: 16 Mar 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1B

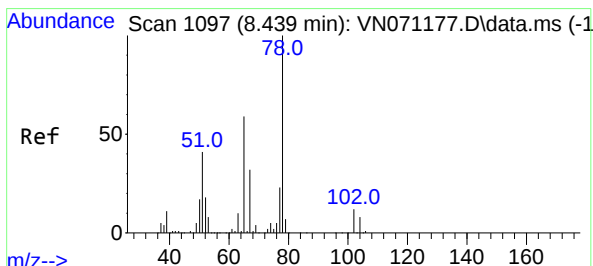
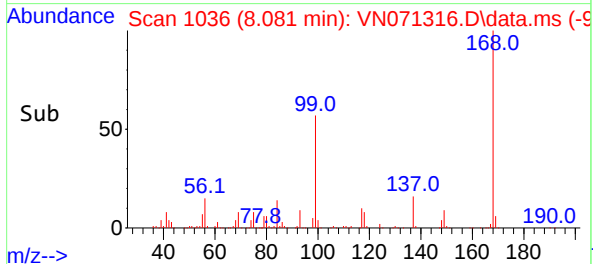
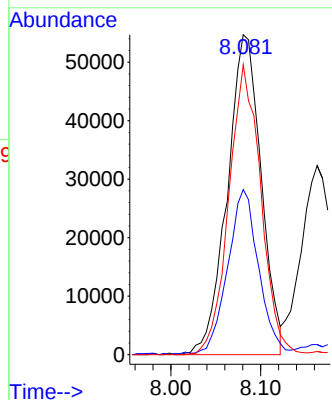
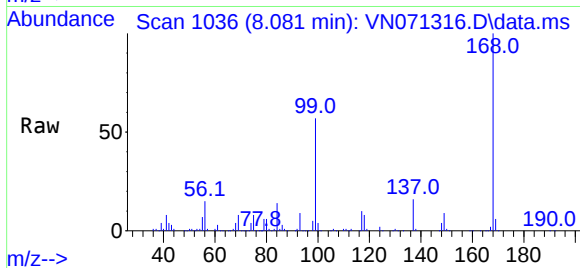
Tgt Ion: 56 Resp: 143416

Ion Ratio Lower Upper

56 100

69 51.3 27.1 40.7#

84 90.6 73.4 110.0



#33

1,2-Dichloroethane-d4

Concen: 46.25 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071316.D

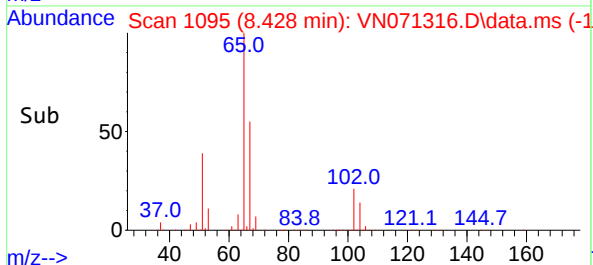
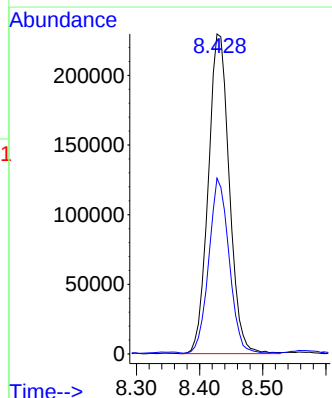
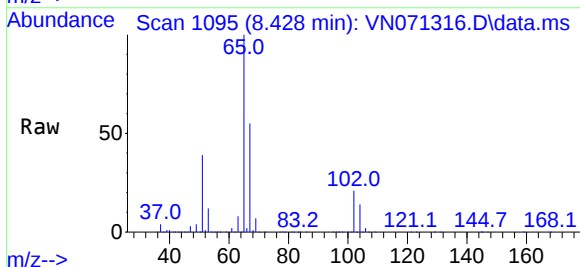
Acq: 16 Mar 2022 13:16

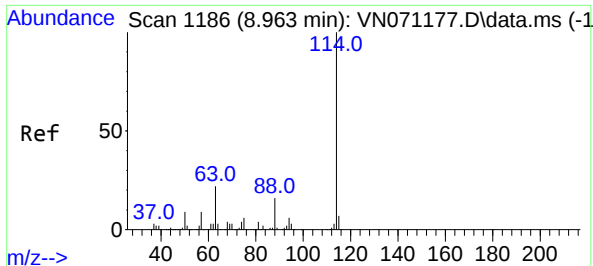
Tgt Ion: 65 Resp: 531188

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071316.D

Acq: 16 Mar 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1B

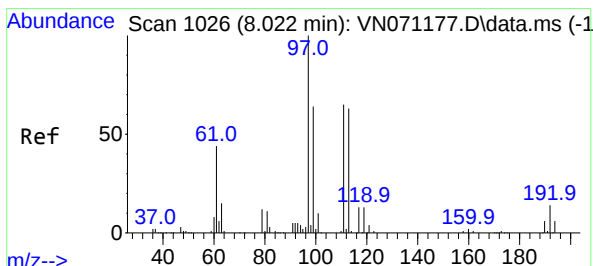
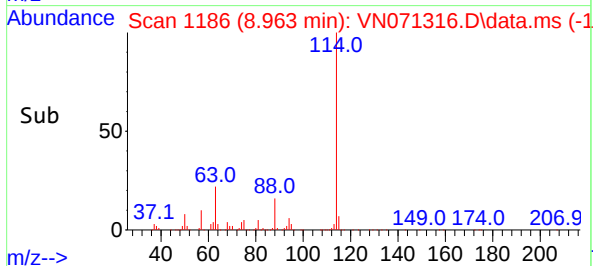
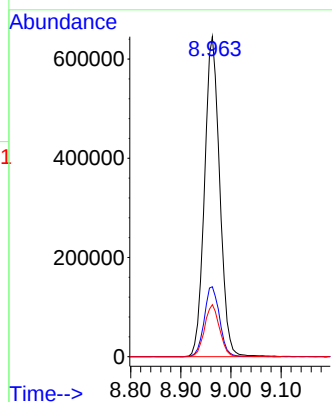
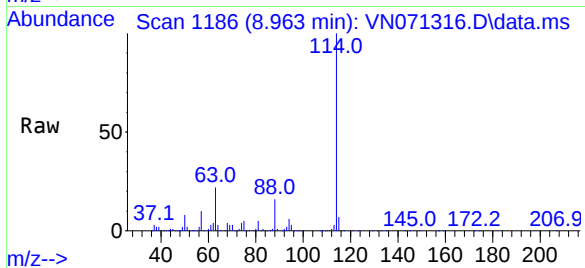
Tgt Ion:114 Resp: 1357251

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.05 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071316.D

Acq: 16 Mar 2022 13:16

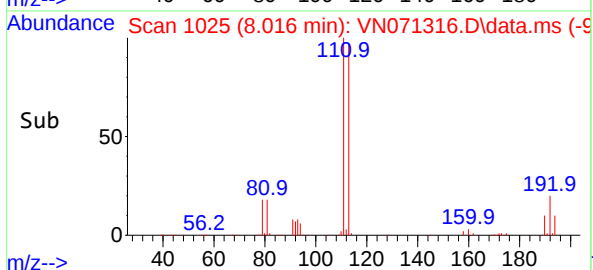
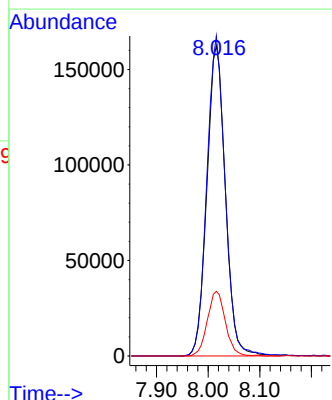
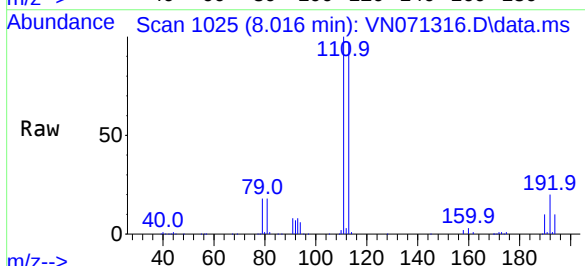
Tgt Ion:113 Resp: 402951

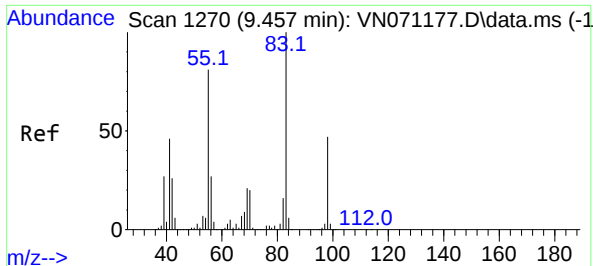
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 20.3 16.9 25.3

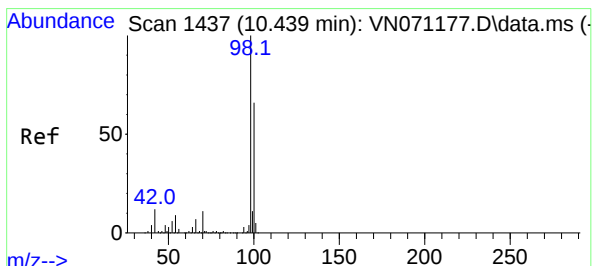
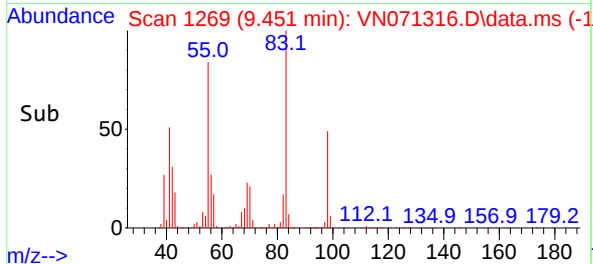
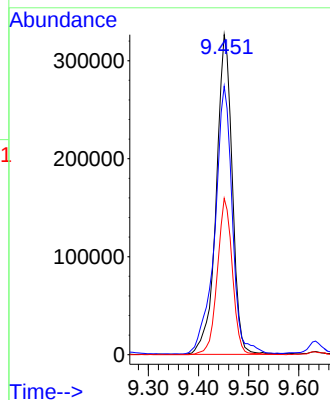
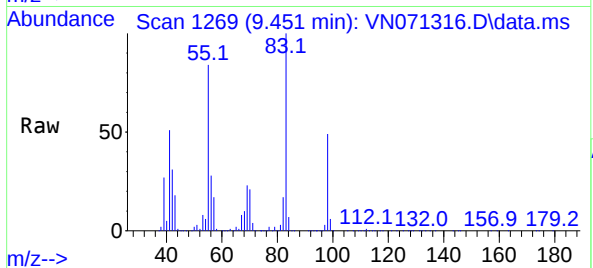




#39
Methylcyclohexane
Concen: 44.81 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

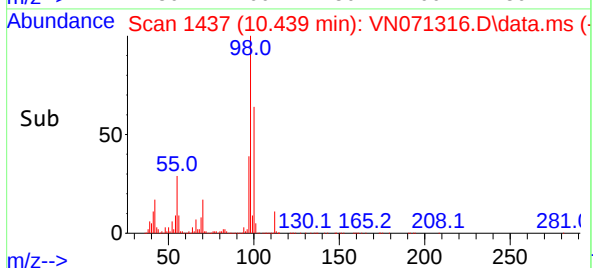
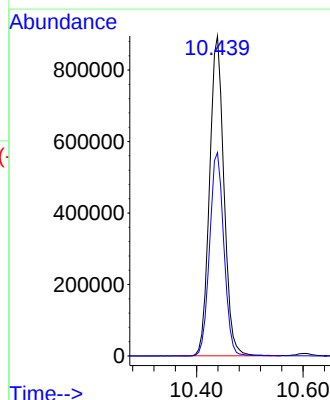
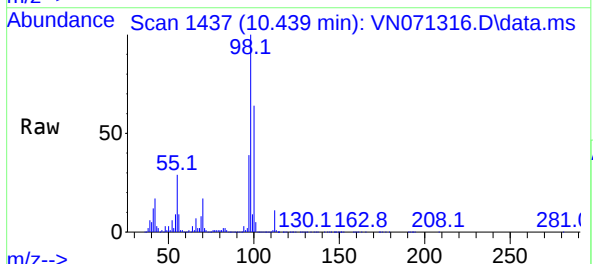
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1B

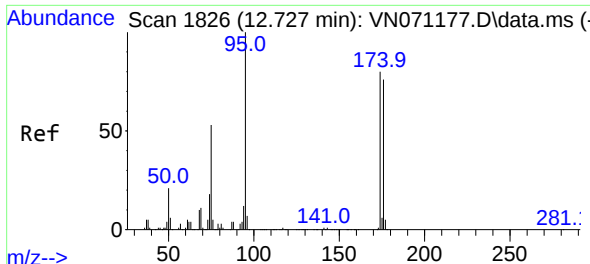
Tgt Ion: 83 Resp: 723408
Ion Ratio Lower Upper
83 100
55 83.8 58.1 87.1
98 48.9 38.4 57.6



#50
Toluene-d8
Concen: 48.54 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

Tgt Ion: 98 Resp: 1674025
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6

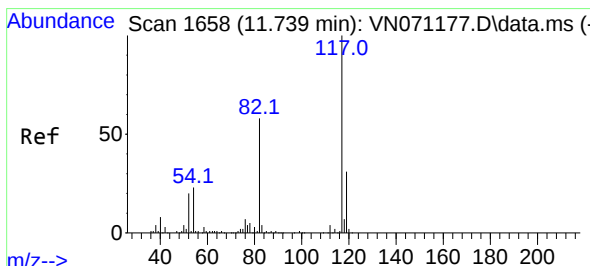
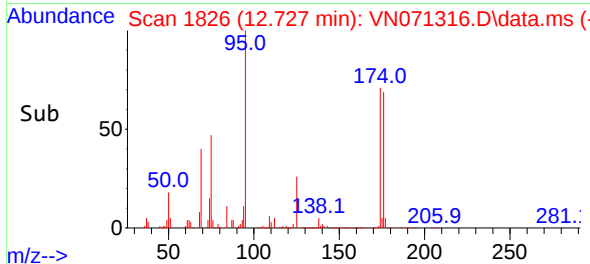
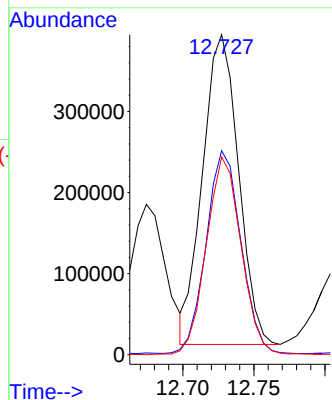
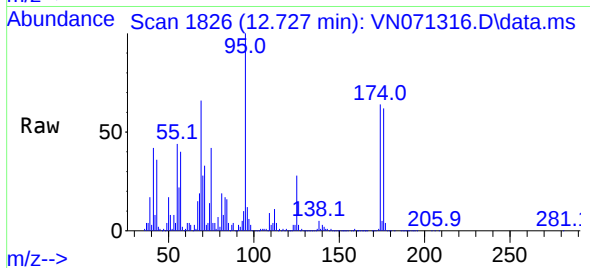




#62
4-Bromofluorobenzene
Concen: 57.37 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

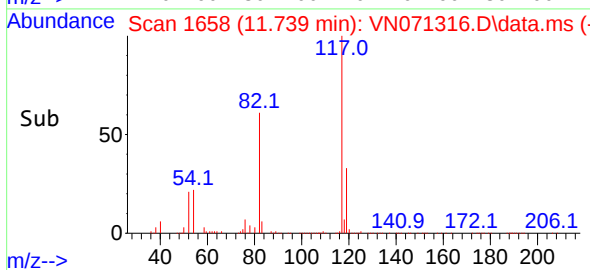
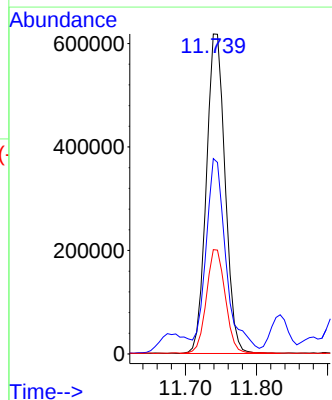
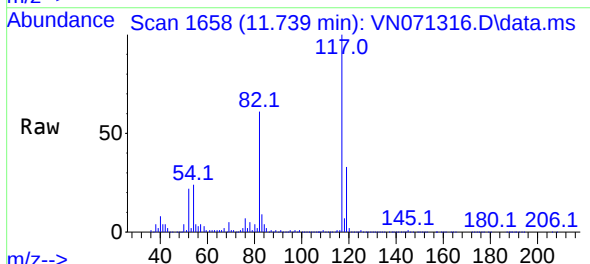
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ClientSampleId :
WC-14A-1B

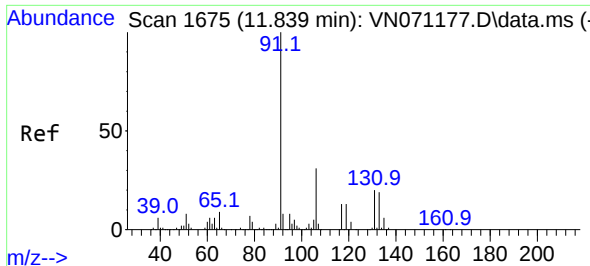
Tgt Ion: 95 Resp: 669946
Ion Ratio Lower Upper
95 100
174 64.5 0.0 187.2
176 62.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

Tgt Ion: 117 Resp: 1135980
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 32.4 25.4 38.2

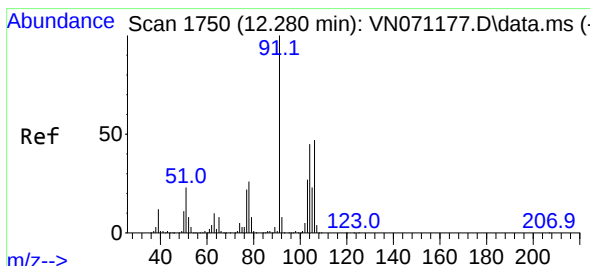
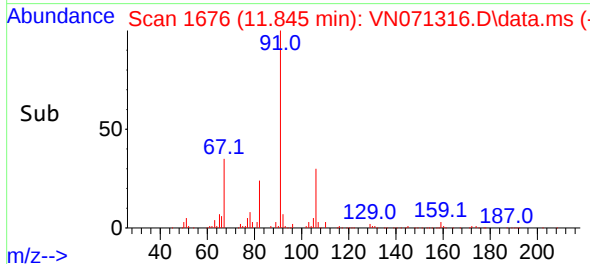
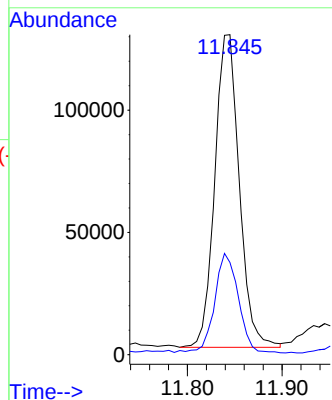
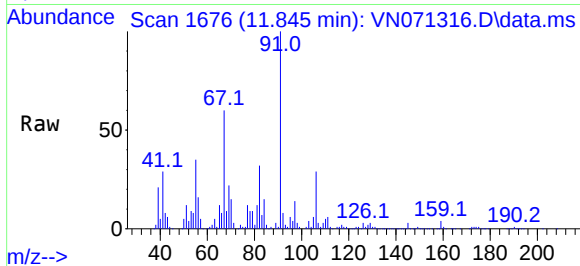




#67
Ethyl Benzene
Concen: 5.33 ug/l
RT: 11.845 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

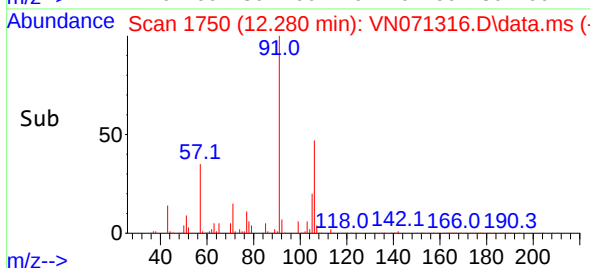
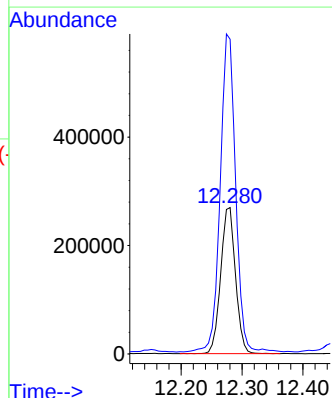
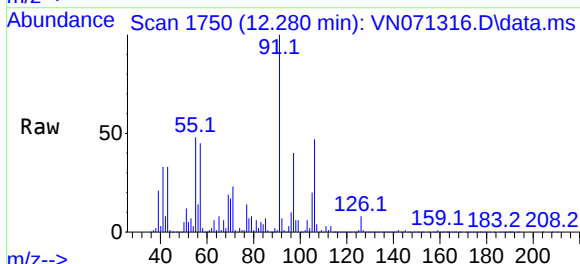
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WC-14A-1B

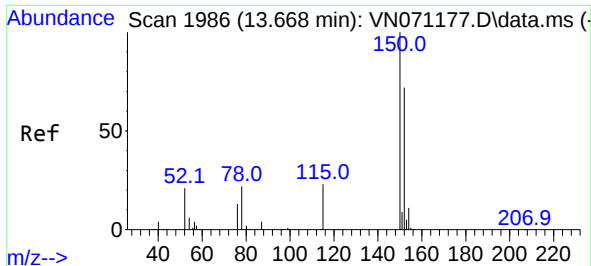
Tgt Ion: 91 Resp: 230119
Ion Ratio Lower Upper
91 100
106 28.9 25.7 38.5



#69
o-Xylene
Concen: 28.71 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

Tgt Ion: 106 Resp: 454099
Ion Ratio Lower Upper
106 100
91 224.9 105.8 317.3

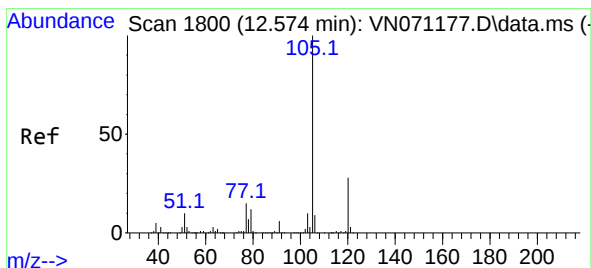
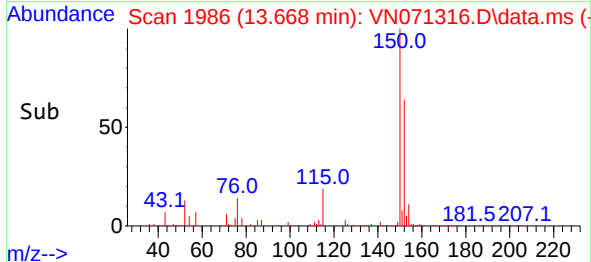
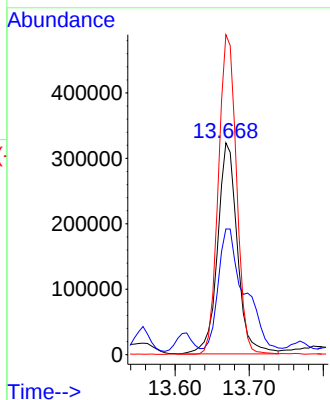
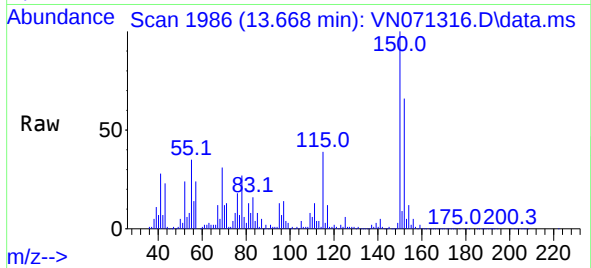




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

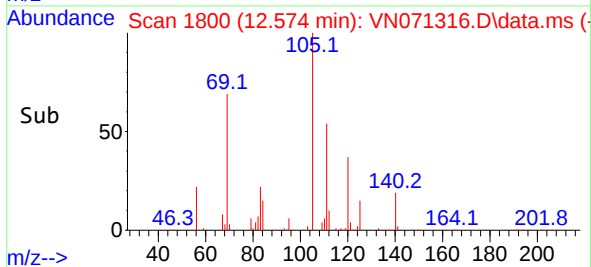
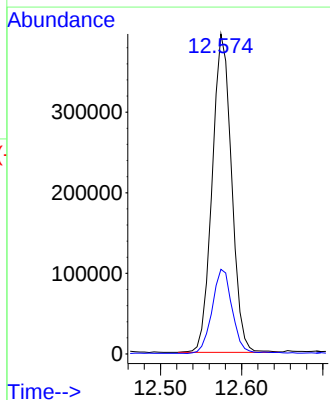
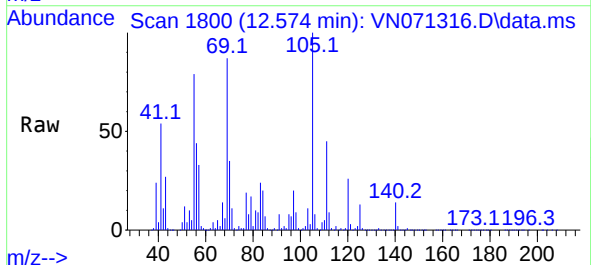
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ClientSampleId :
WC-14A-1B

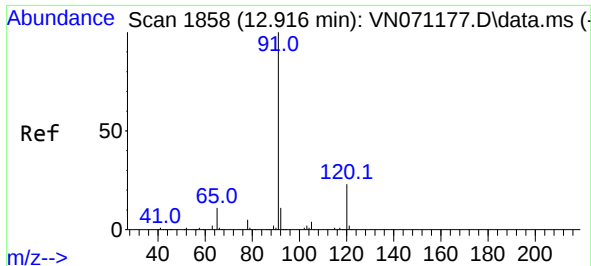
Tgt Ion:152 Resp: 598697
Ion Ratio Lower Upper
152 100
115 73.1 27.5 82.5
150 138.3 0.0 344.4



#73
Isopropylbenzene
Concen: 11.38 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

Tgt Ion:105 Resp: 656841
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

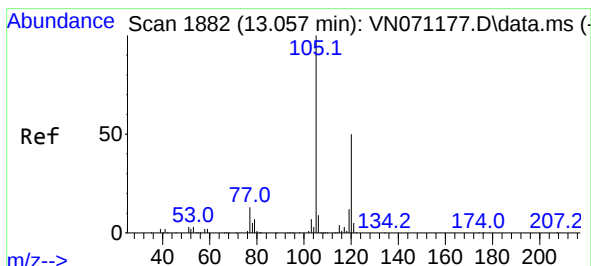
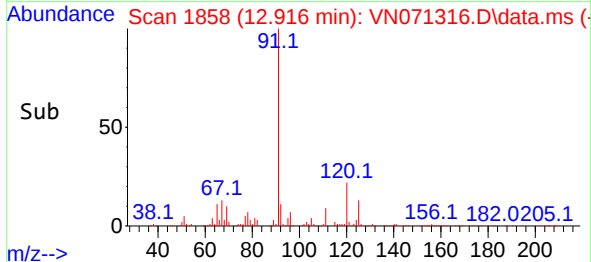
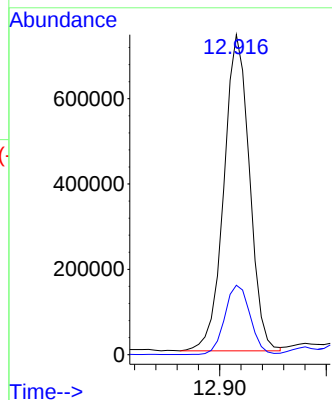
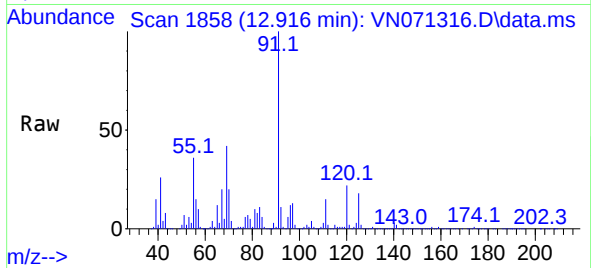




#78
n-propylbenzene
Concen: 19.95 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

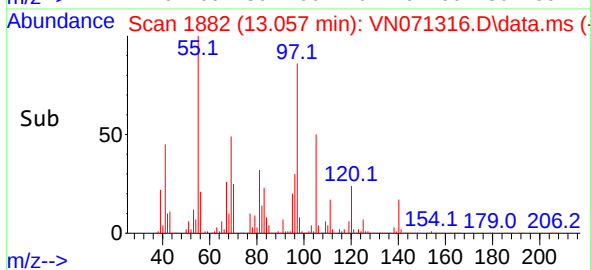
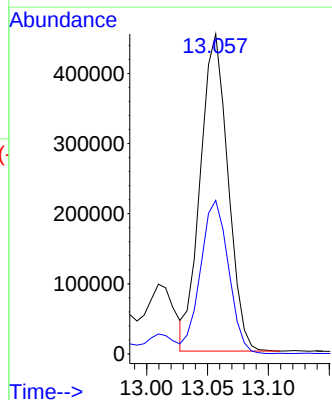
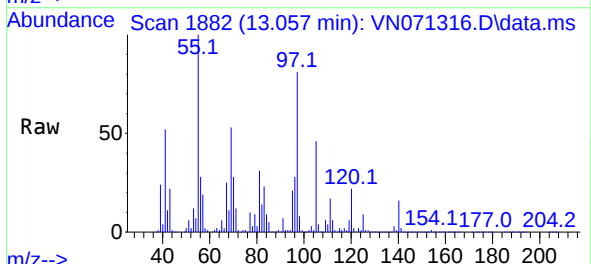
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1B

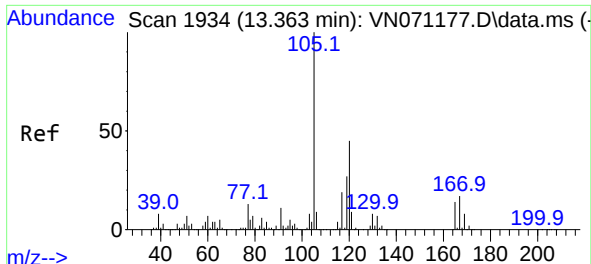
Tgt Ion: 91 Resp: 1235427
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 15.93 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

Tgt Ion:105 Resp: 715070
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

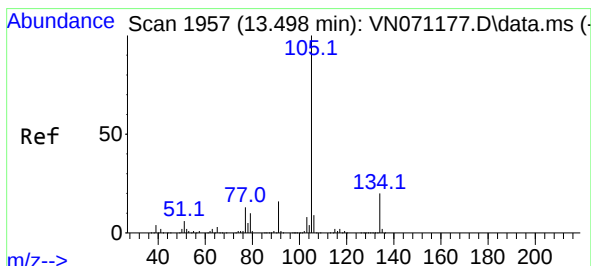
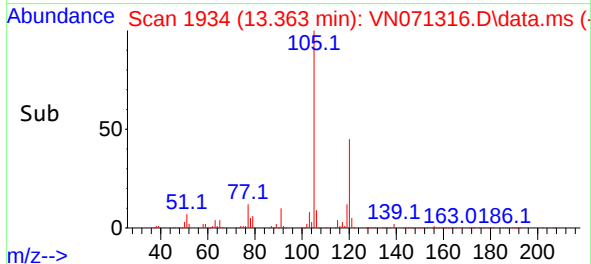
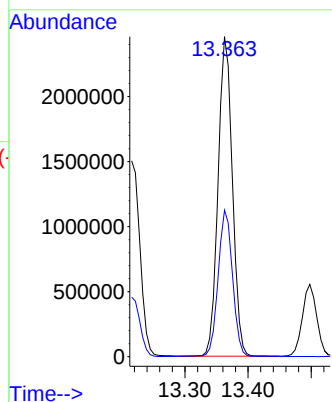
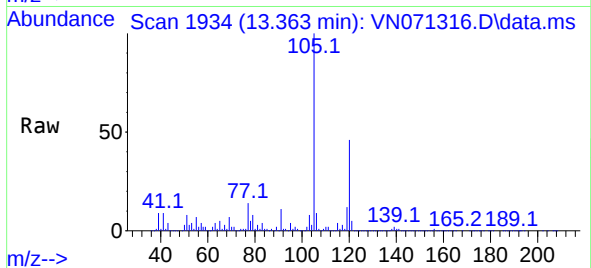




#84
1,2,4-Trimethylbenzene
Concen: 89.49 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

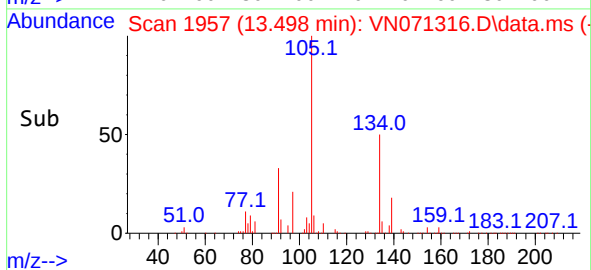
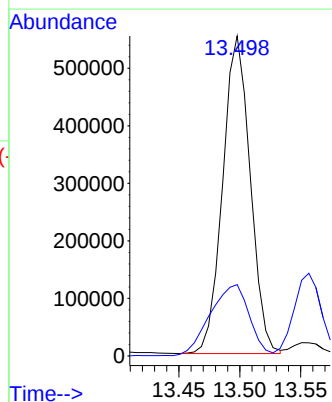
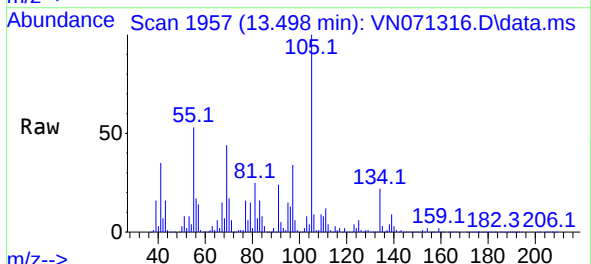
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1B

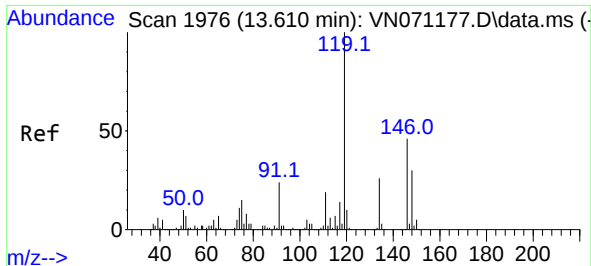
Tgt Ion:105 Resp: 3848634
Ion Ratio Lower Upper
105 100
120 46.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 16.26 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071316.D
Acq: 16 Mar 2022 13:16

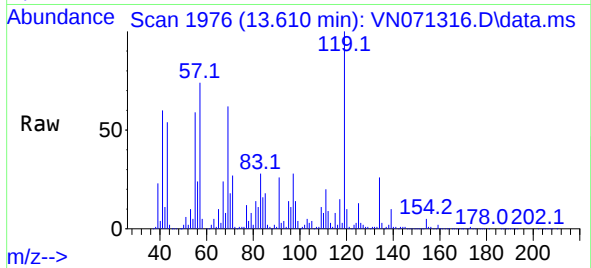
Tgt Ion:105 Resp: 866124
Ion Ratio Lower Upper
105 100
134 31.8 10.4 31.1#





#86
 p-Isopropyltoluene
 Concen: 14.40 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071316.D
 Acq: 16 Mar 2022 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1B



Tgt Ion:119 Resp: 603308

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.6	40.7
91	22.3	11.4	34.1

