

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072575.D
 Acq On : 20 May 2022 14:24
 Operator : JC\MD
 Sample : N2965-07 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31608

Quant Time: May 21 01:32:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	343141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	511699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	442800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	175828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	269046	50.464	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.920%
35) Dibromofluoromethane	8.022	113	185559	53.745	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.480%
50) Toluene-d8	10.439	98	679846	52.020	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.727	95	229172	46.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.320%

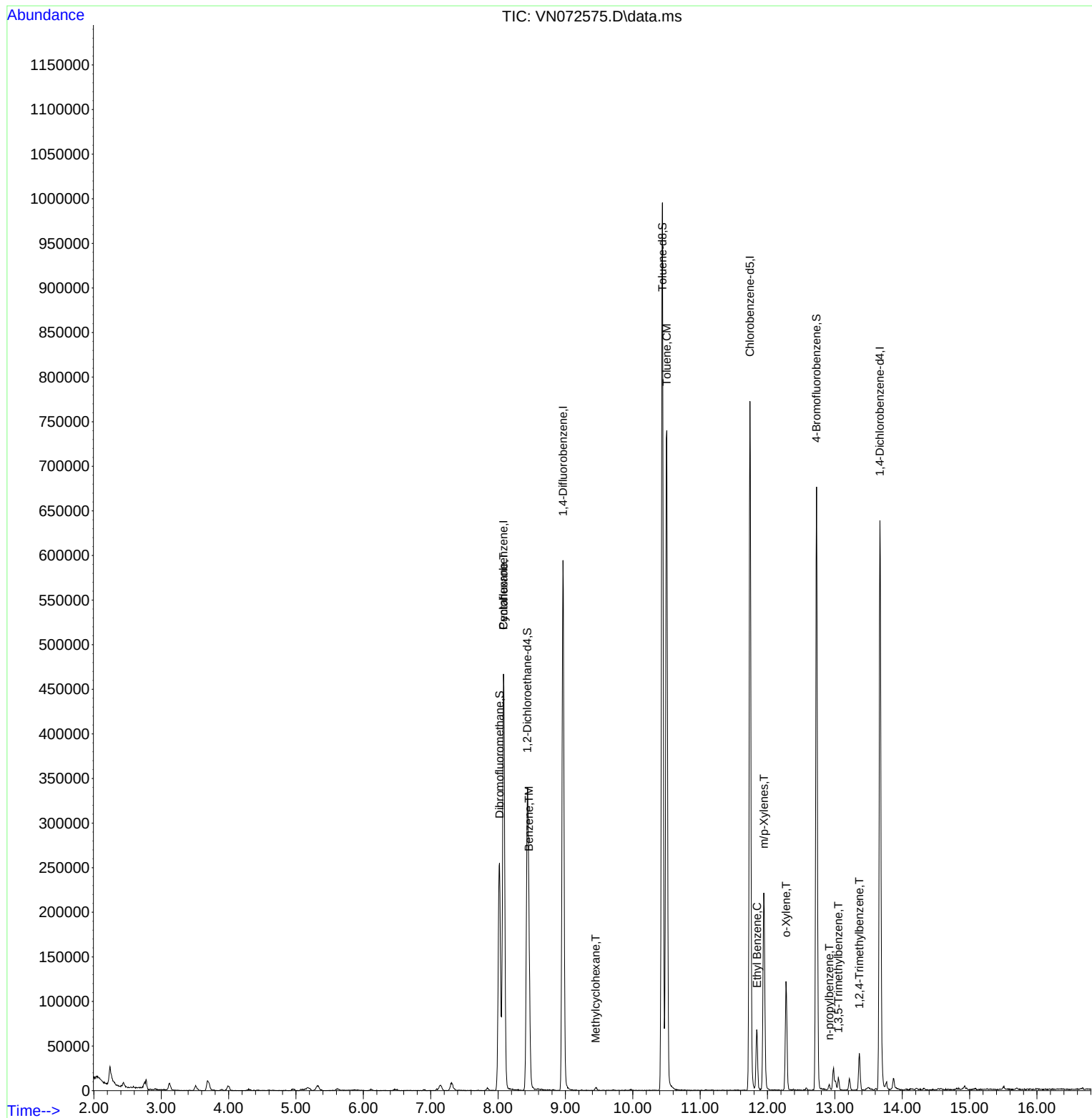
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	8.081	56	10243	1.728	ug/l #	57
39) Methylcyclohexane	9.451	83	1425	0.260	ug/l #	89
40) Benzene	8.457	78	128075	9.325	ug/l	95
52) Toluene	10.504	92	329863	37.042	ug/l	99
67) Ethyl Benzene	11.845	91	48303	3.075	ug/l	97
68) m/p-Xylenes	11.945	106	70095	11.593	ug/l	92
69) o-Xylene	12.274	106	32767	5.320	ug/l	93
78) n-propylbenzene	12.916	91	5178	0.326	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	5752	0.456	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	23669	1.957	ug/l	96

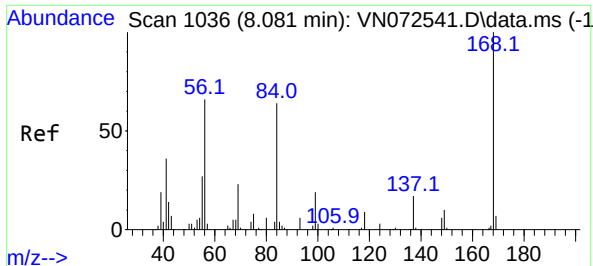
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: May 21 01:32:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

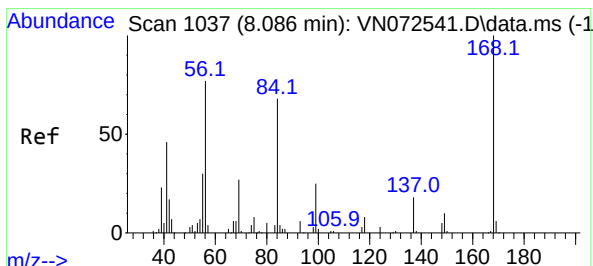
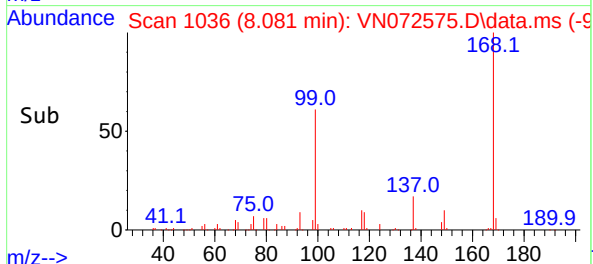
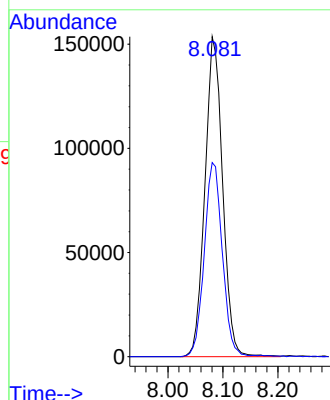
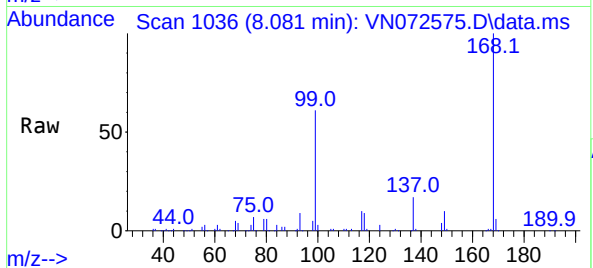




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

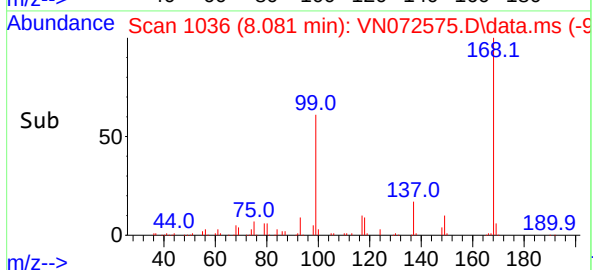
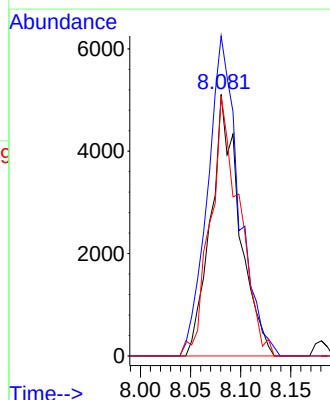
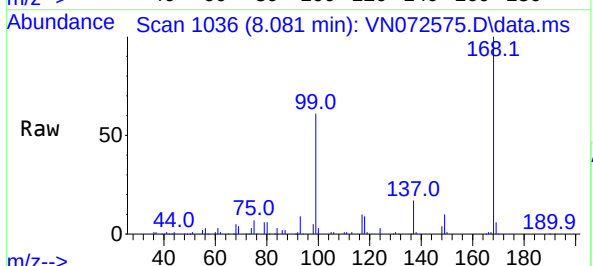
Instrument :
MSVOA_N
ClientSampleId :
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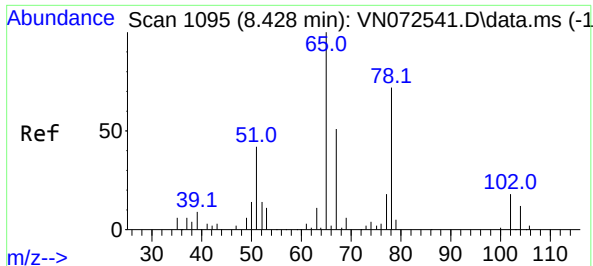
Tgt Ion:168 Resp: 343141
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#31
Cyclohexane
Concen: 1.728 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion: 56 Resp: 10243
Ion Ratio Lower Upper
56 100
69 122.3 27.8 41.8#
84 99.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 50.464 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.005 min

Lab File: VN072575.D

Acq: 20 May 2022 14:24

Instrument :

MSVOA_N

ClientSampleId :

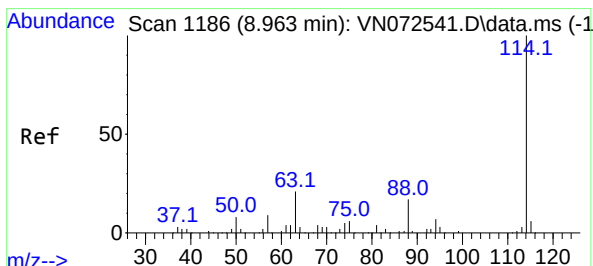
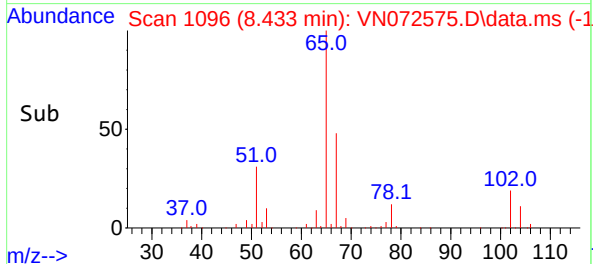
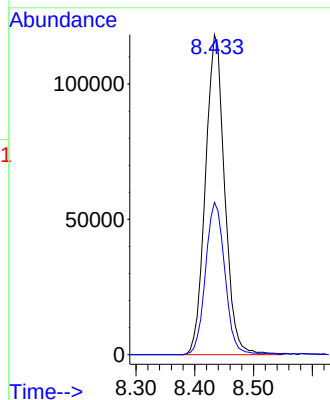
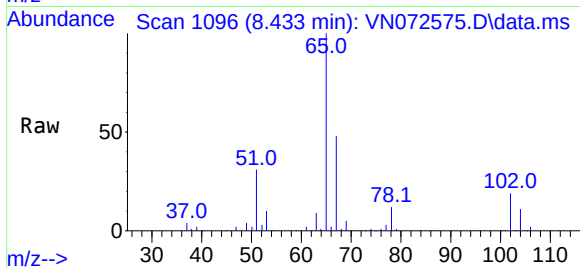
31608

Tgt Ion: 65 Resp: 269046

Ion Ratio Lower Upper

65 100

67 47.7 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: VN072575.D

Acq: 20 May 2022 14:24

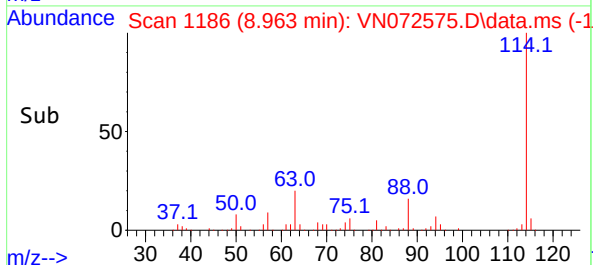
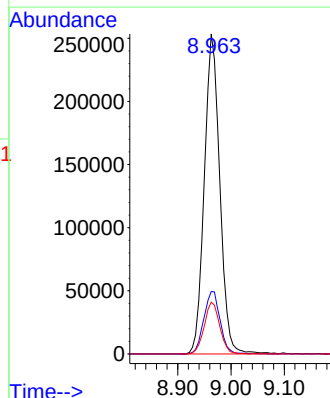
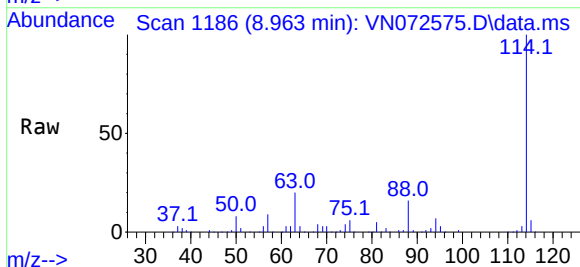
Tgt Ion: 114 Resp: 511699

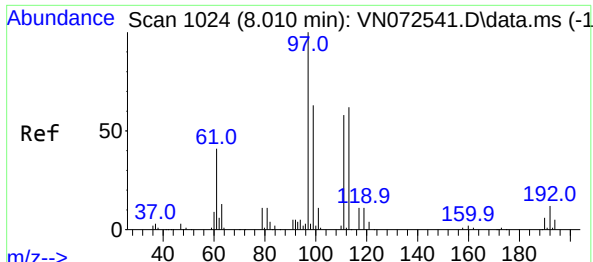
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 16.2 0.0 32.6

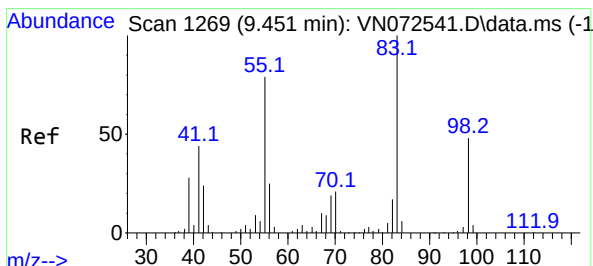
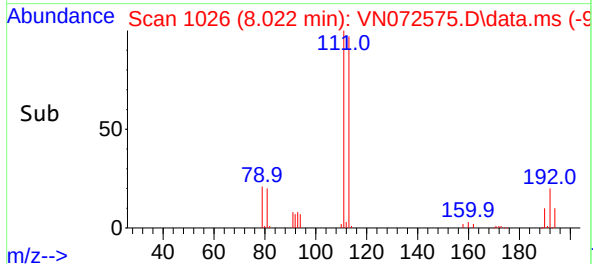
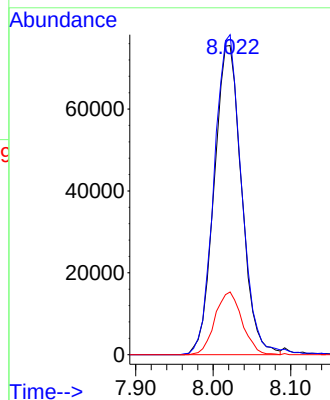
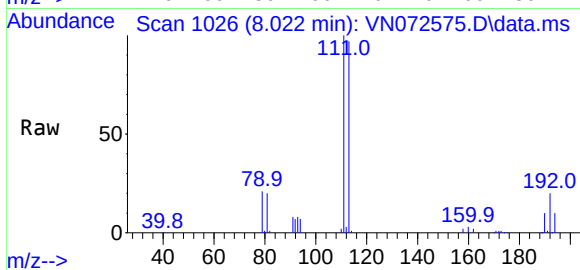




#35
Dibromofluoromethane
Concen: 53.745 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.012 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

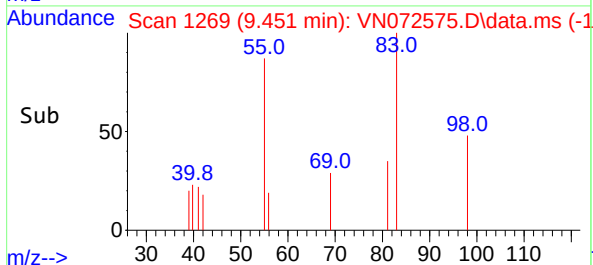
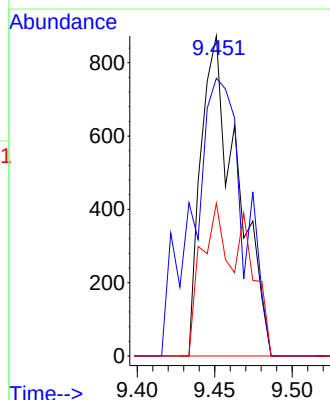
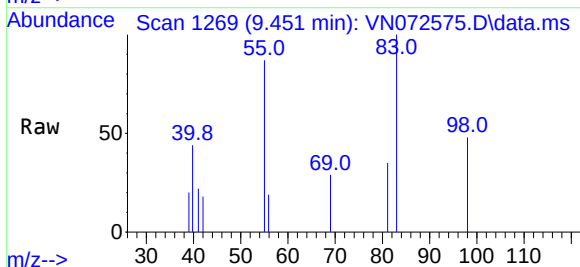
Instrument :
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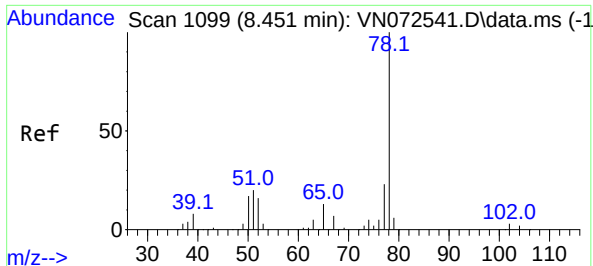
Tgt Ion:113 Resp: 185559
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 20.0 17.0 25.6



#39
Methylcyclohexane
Concen: 0.260 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion: 83 Resp: 1425
Ion Ratio Lower Upper
83 100
55 86.8 57.8 86.8#
98 47.8 39.4 59.2

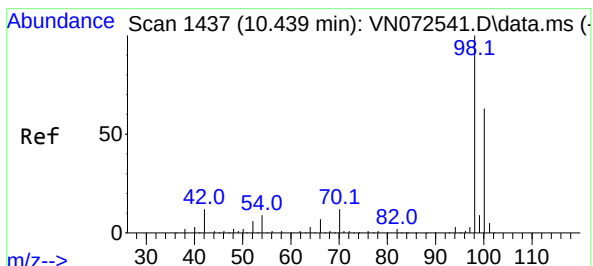
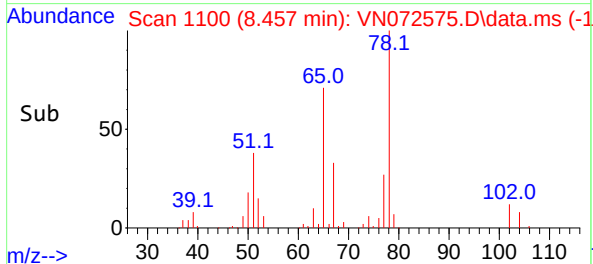
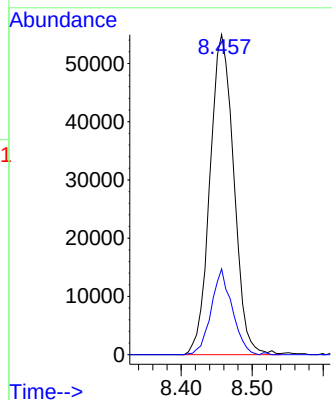
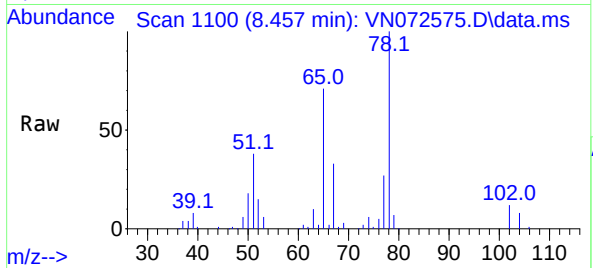




#40
Benzene
Concen: 9.325 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

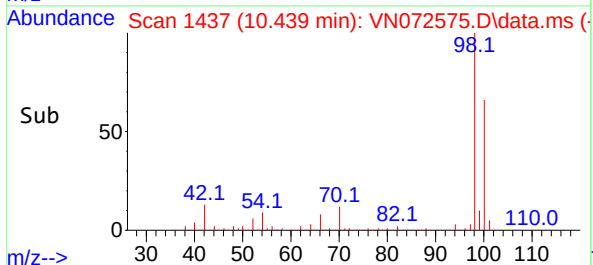
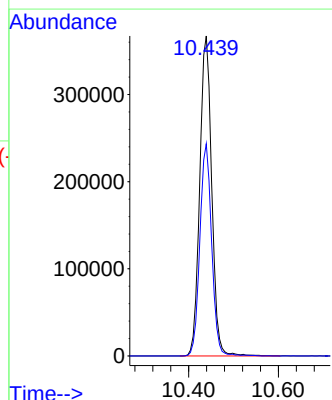
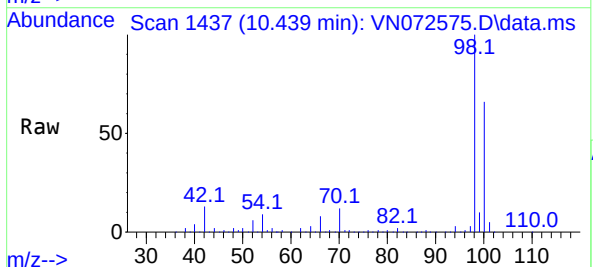
Instrument :
MSVOA_N
ClientSampleId :
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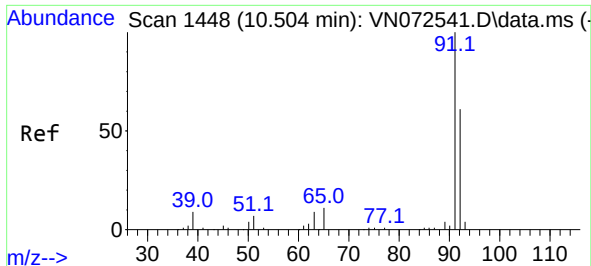
Tgt Ion: 78 Resp: 128075
Ion Ratio Lower Upper
78 100
77 26.8 19.4 29.0



#50
Toluene-d8
Concen: 52.020 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion: 98 Resp: 679846
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

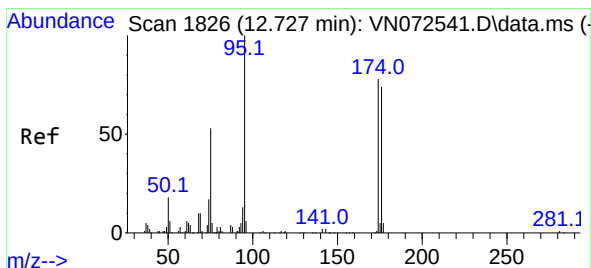
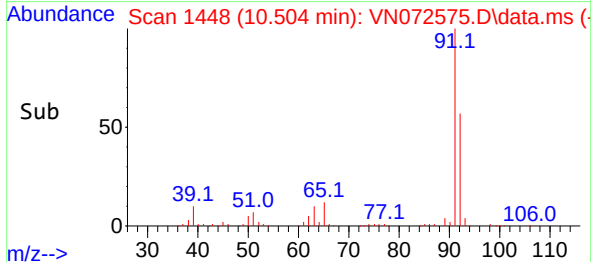
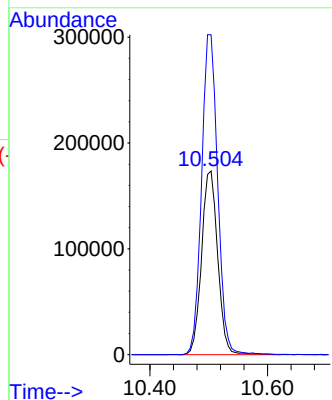
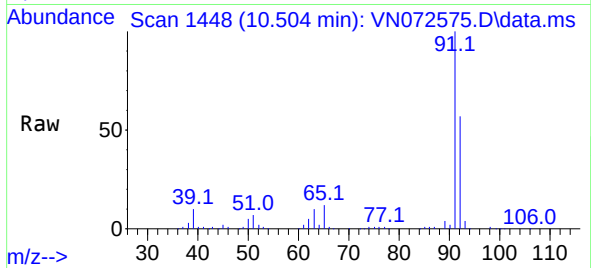




#52
Toluene
Concen: 37.042 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

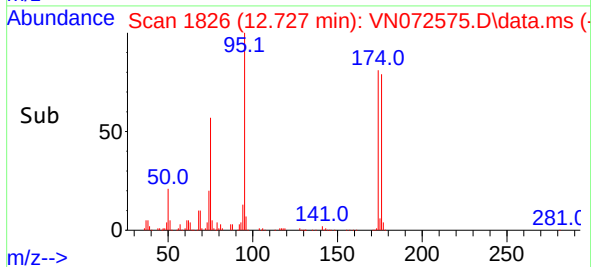
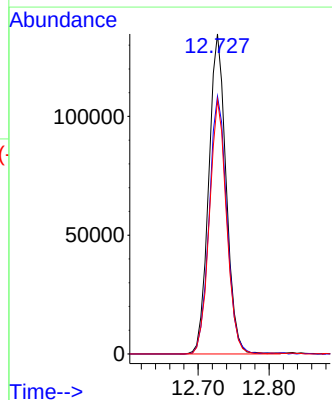
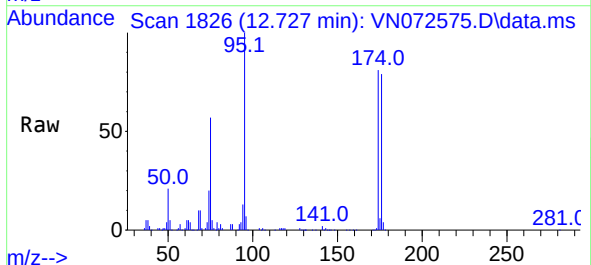
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ClientSampleId :
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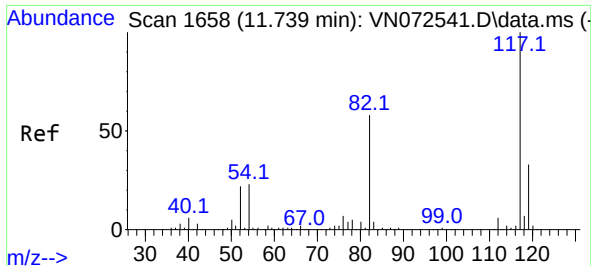
Tgt Ion: 92 Resp: 329863
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 46.164 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion: 95 Resp: 229172
Ion Ratio Lower Upper
95 100
174 81.6 0.0 167.6
176 78.2 0.0 163.4

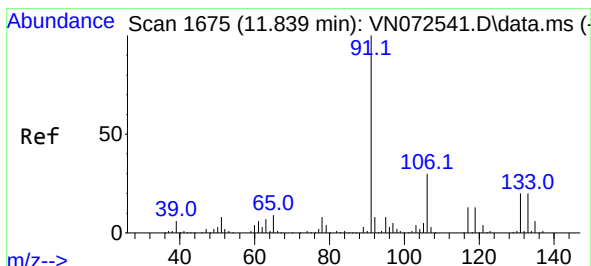
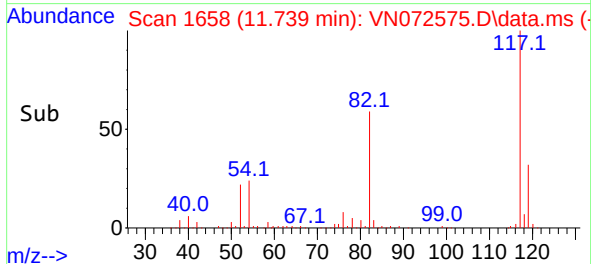
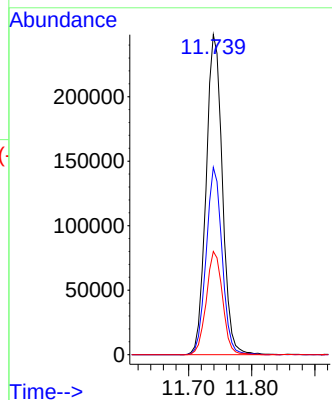
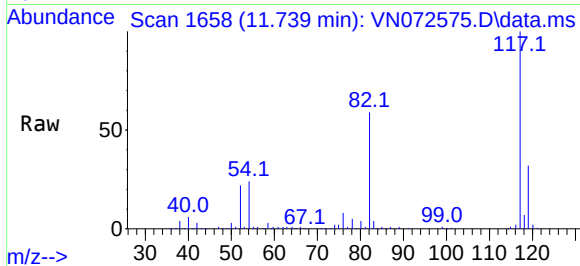




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

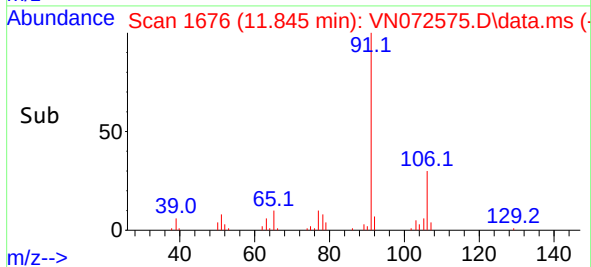
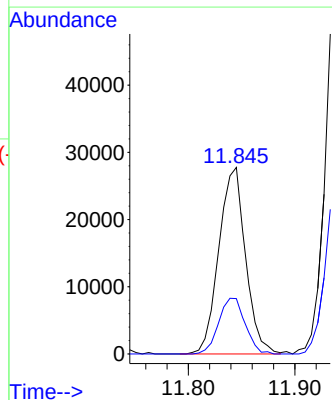
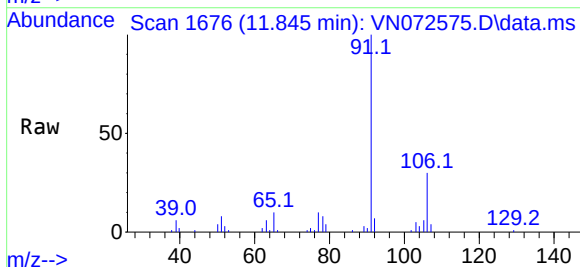
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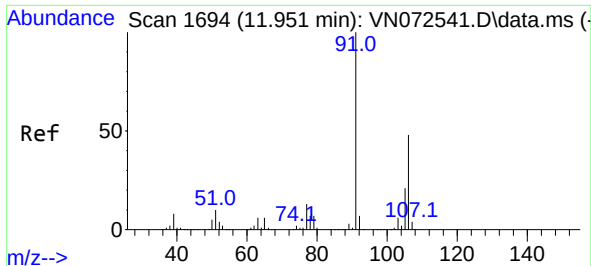
Tgt Ion:117 Resp: 442800
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 3.075 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion: 91 Resp: 48303
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

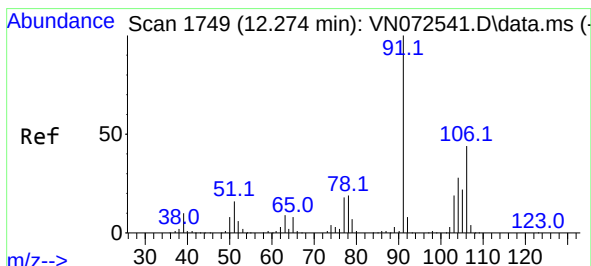
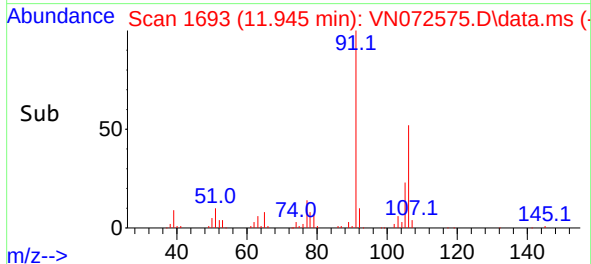
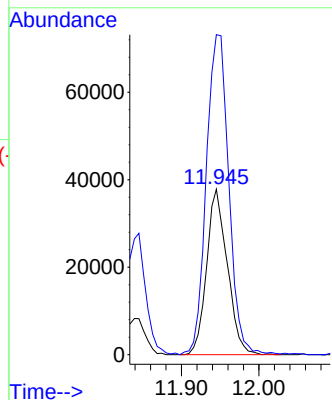
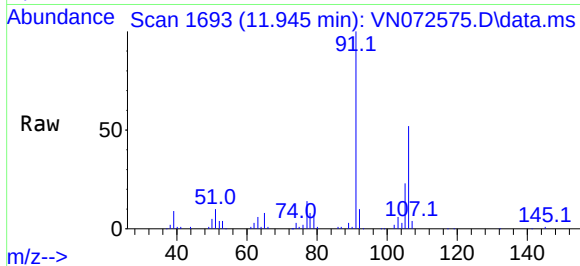




#68
m/p-Xylenes
Concen: 11.593 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

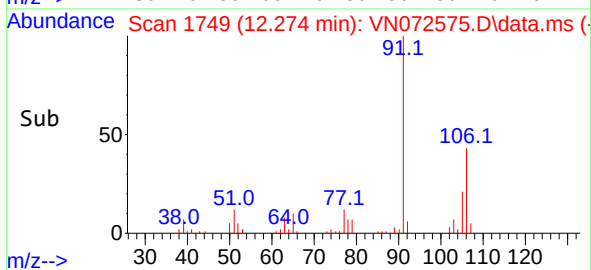
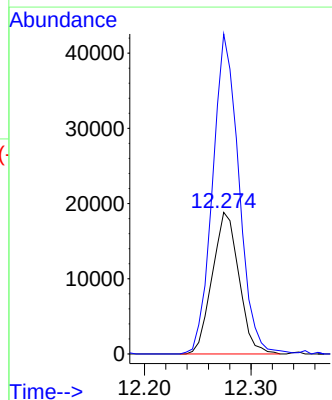
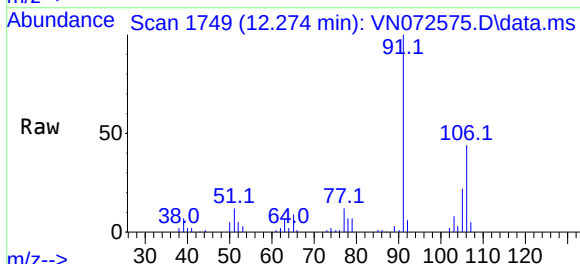
Instrument :
MSVOA_N
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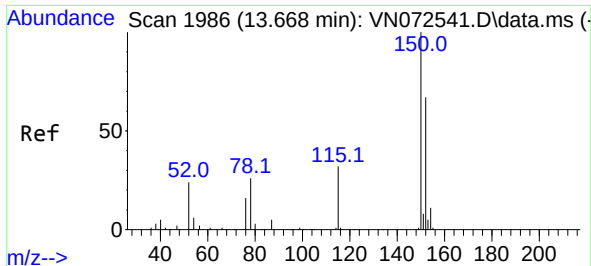
Tgt Ion:106 Resp: 70095
Ion Ratio Lower Upper
106 100
91 210.3 158.9 238.3



#69
o-Xylene
Concen: 5.320 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion:106 Resp: 32767
Ion Ratio Lower Upper
106 100
91 222.7 106.0 318.0

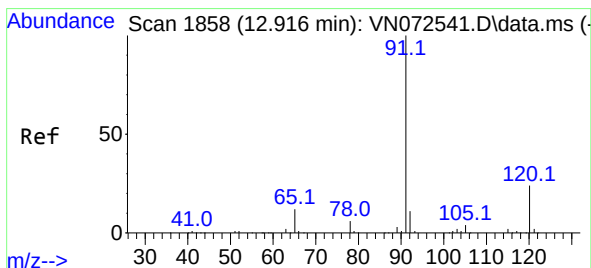
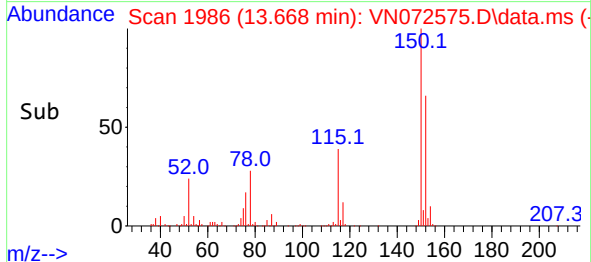
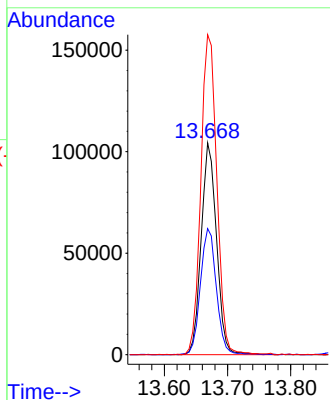
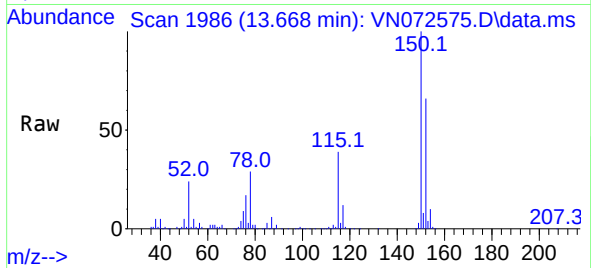




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

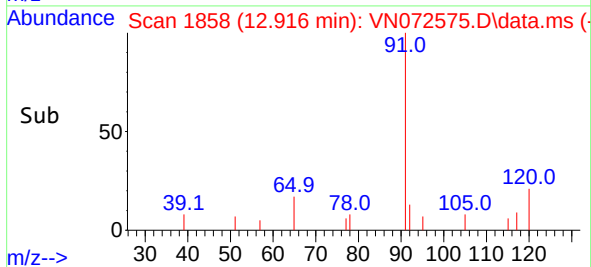
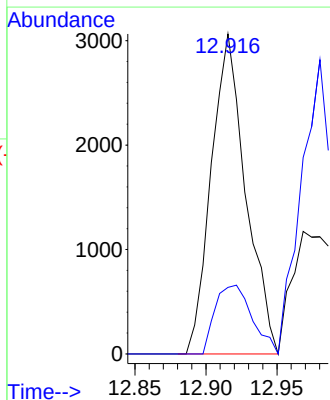
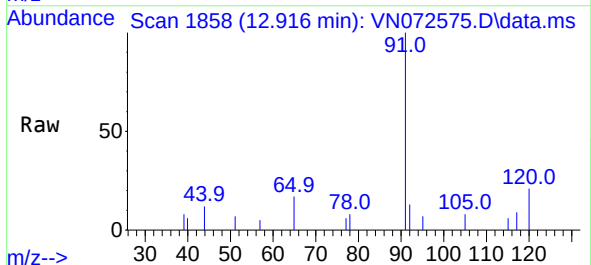
Instrument :
MSVOA_N
ClientSampleId :
31608

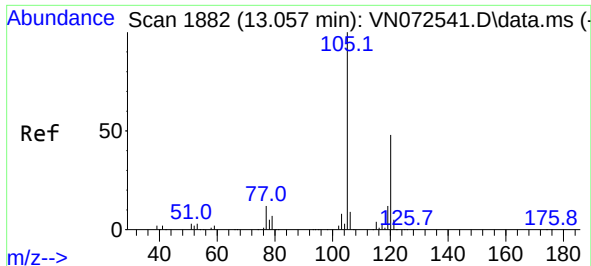
Tgt Ion:152 Resp: 175828
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 157.5 0.0 356.2



#78
n-propylbenzene
Concen: 0.326 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion: 91 Resp: 5178
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5

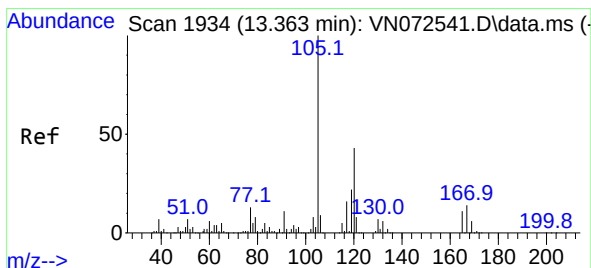
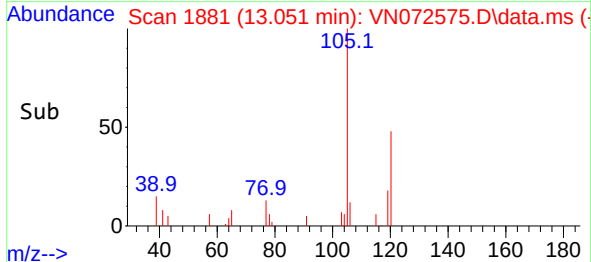
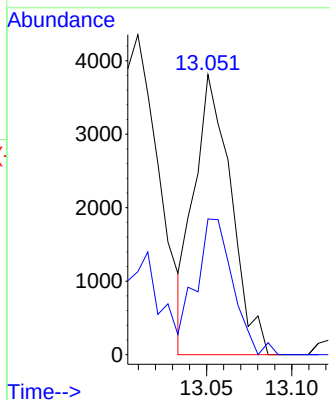
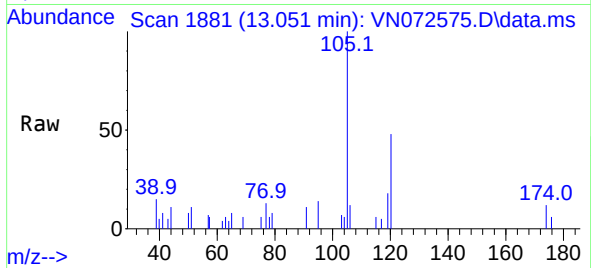




#80
1,3,5-Trimethylbenzene
Concen: 0.456 ug/l
RT: 13.051 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
31608

Tgt Ion:105 Resp: 5752
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.957 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072575.D
Acq: 20 May 2022 14:24

Tgt Ion:105 Resp: 23669
Ion Ratio Lower Upper
105 100
120 43.7 23.3 69.8

