

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070279.D
 Acq On : 21 Dec 2021 20:07
 Operator : JC/MD
 Sample : M5142-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2

Quant Time: Dec 21 21:01:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

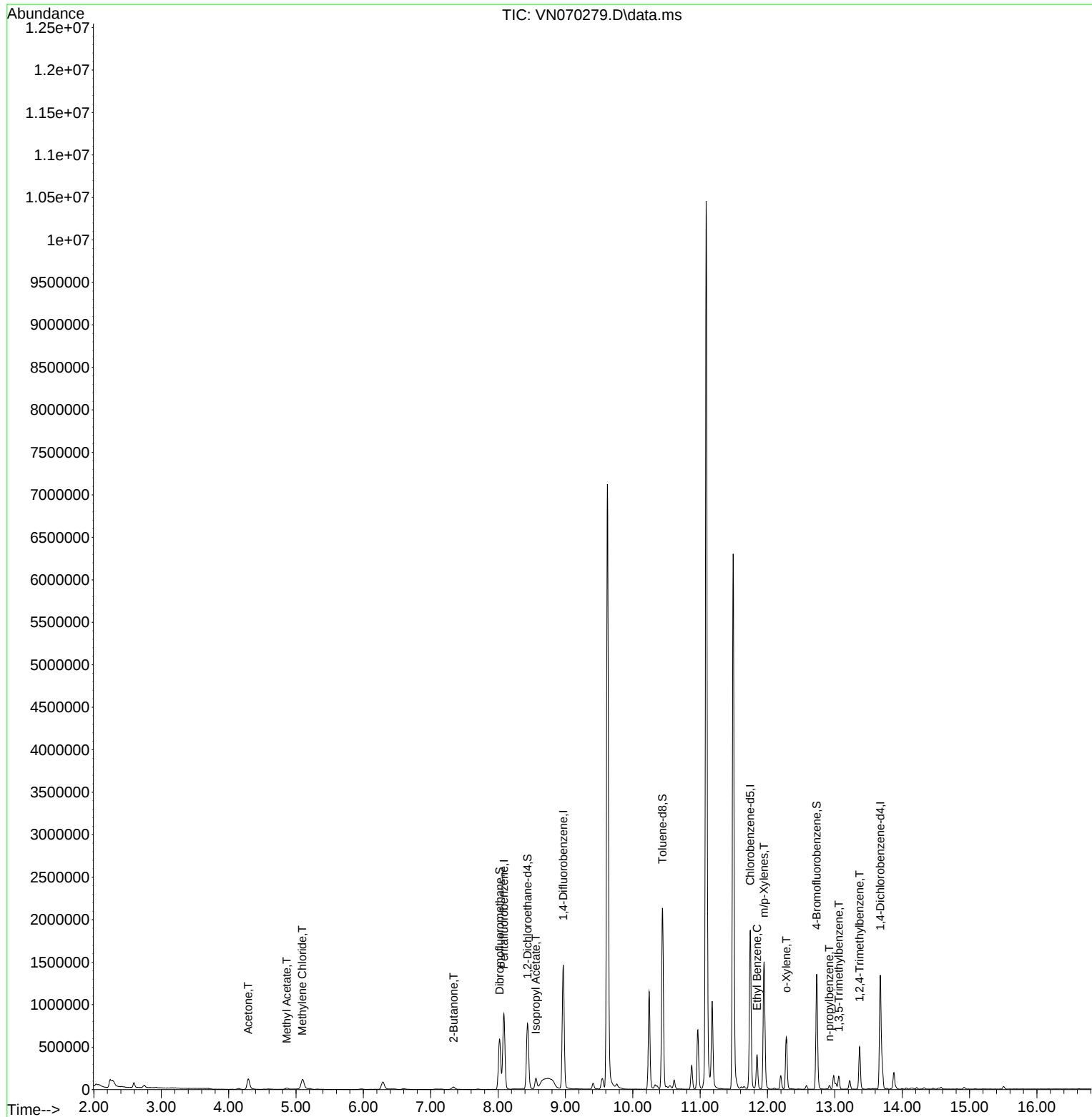
Internal Standards						
1) Pentafluorobenzene	8.086	168	670536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1238967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1059092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	355720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	684592	66.124	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	132.240%
35) Dibromofluoromethane	8.024	113	437419	56.364	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.720%
50) Toluene-d8	10.440	98	1478985	47.462	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.731	95	487024	43.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.280%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	240277	38.581	ug/l	96
18) Methyl Acetate	4.865	43	29498	1.569	ug/l #	69
20) Methylene Chloride	5.093	84	83829	10.125	ug/l	89
25) 2-Butanone	7.340	43	41928	4.955	ug/l #	88
43) Isopropyl Acetate	8.560	43	157999	6.082	ug/l #	84
67) Ethyl Benzene	11.843	91	294352	7.542	ug/l	96
68) m/p-Xylenes	11.948	106	452449	31.839	ug/l	89
69) o-Xylene	12.280	106	169965	11.874	ug/l	90
78) n-propylbenzene	12.919	91	35225	1.000	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	81011	3.180	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	288854	11.907	ug/l	98

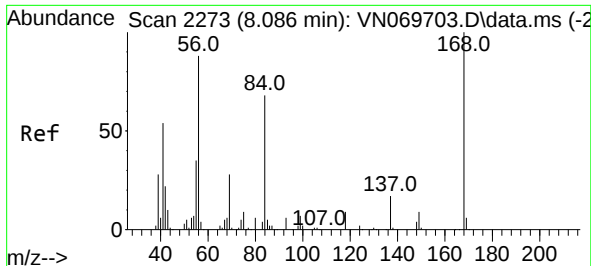
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
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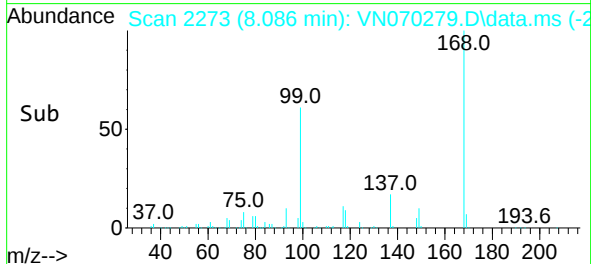
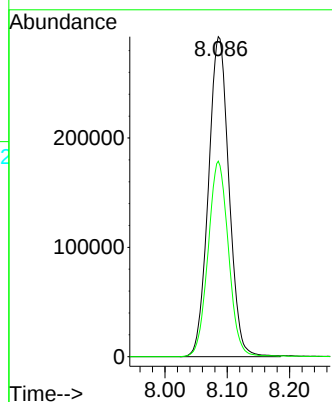
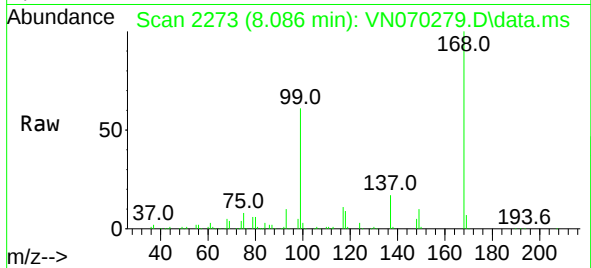




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

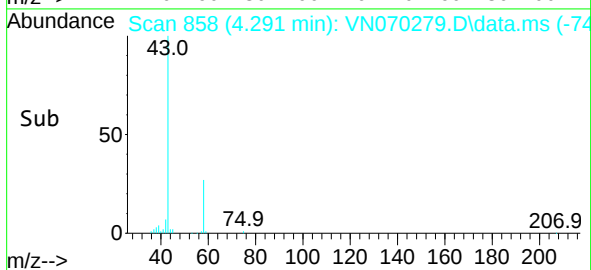
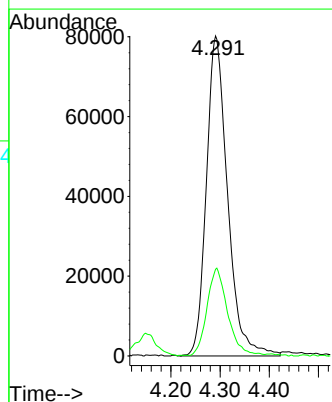
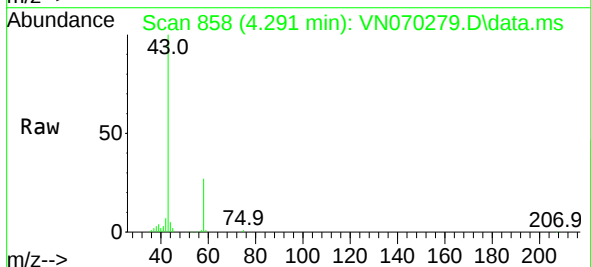
Instrument :
MSVOA_N
ClientSampleId :
A2

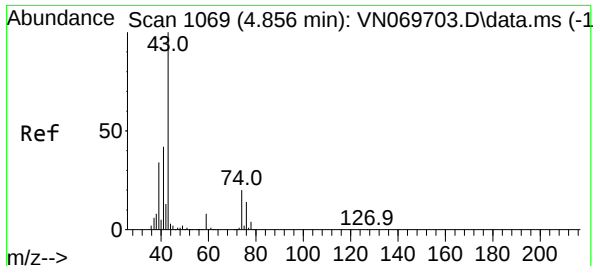
Tgt Ion:168 Resp: 670536
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#16
Acetone
Concen: 38.581 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

Tgt Ion: 43 Resp: 240277
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#18

Methyl Acetate

Concen: 1.569 ug/l

RT: 4.865 min Scan# 1

Delta R.T. 0.008 min

Lab File: VN070279.D

Acq: 21 Dec 2021 20:07

Instrument :

MSVOA_N

ClientSampleId :

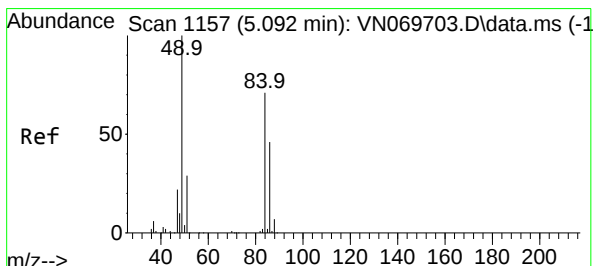
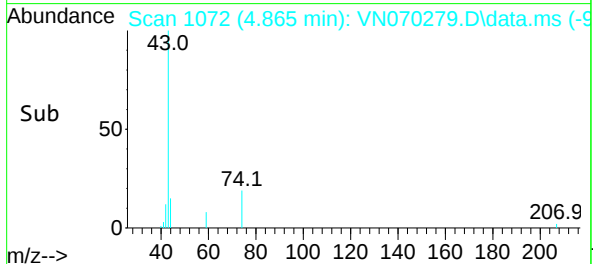
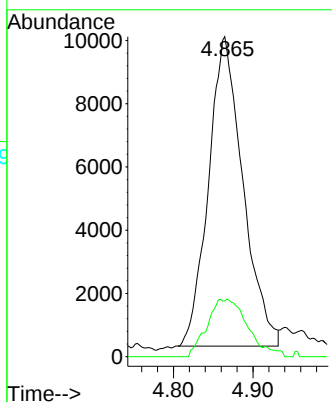
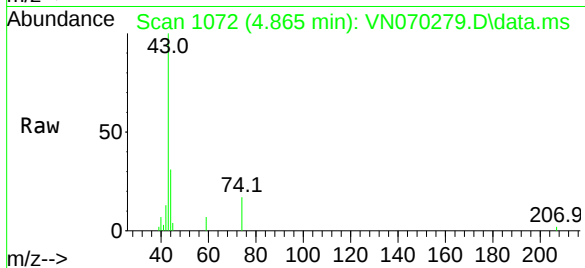
A2

Tgt Ion: 43 Resp: 29498

Ion Ratio Lower Upper

43 100

74 8.9 19.4 29.2#



#20

Methylene Chloride

Concen: 10.125 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070279.D

Acq: 21 Dec 2021 20:07

Tgt Ion: 84 Resp: 83829

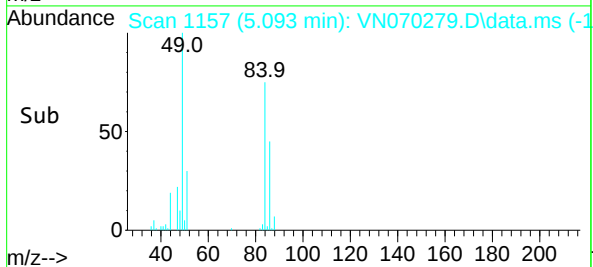
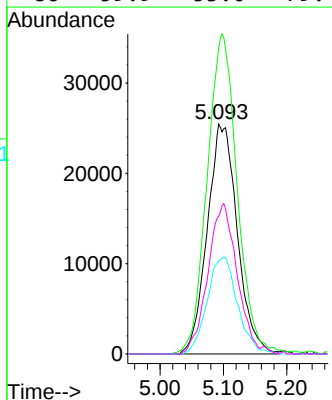
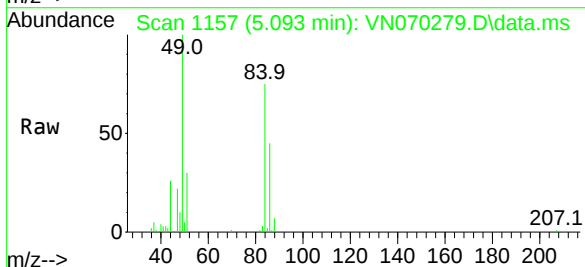
Ion Ratio Lower Upper

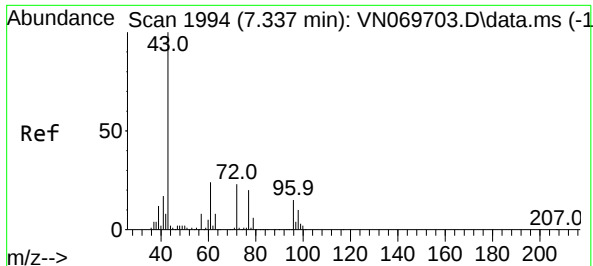
84 100

49 132.2 93.5 140.3

51 40.4 29.4 44.2

86 59.9 53.0 79.4





#25

2-Butanone

Concen: 4.955 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070279.D

Acq: 21 Dec 2021 20:07

Instrument :

MSVOA_N

ClientSampleId :

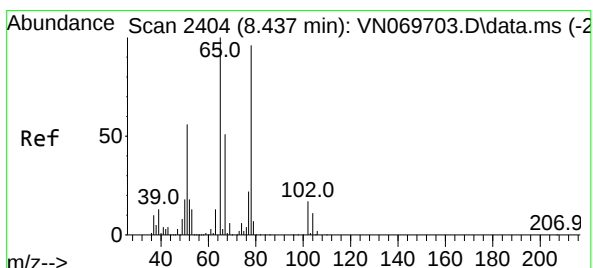
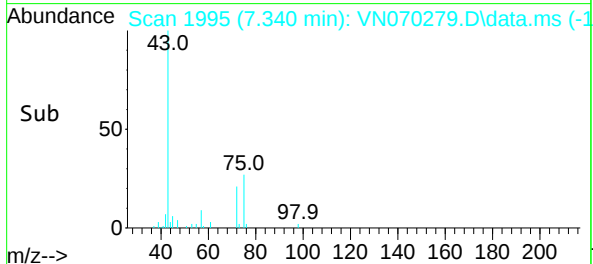
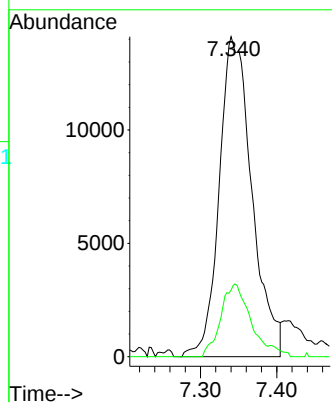
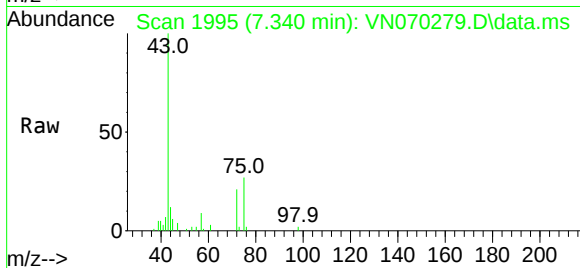
A2

Tgt Ion: 43 Resp: 41928

Ion Ratio Lower Upper

43 100

72 20.8 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 66.124 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070279.D

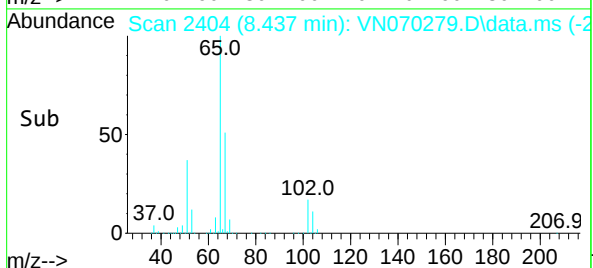
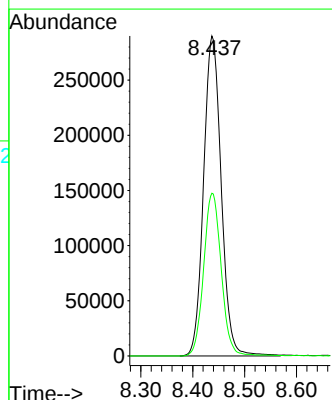
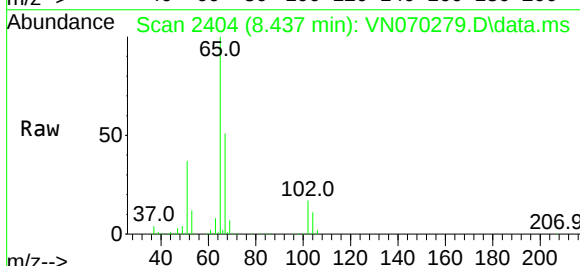
Acq: 21 Dec 2021 20:07

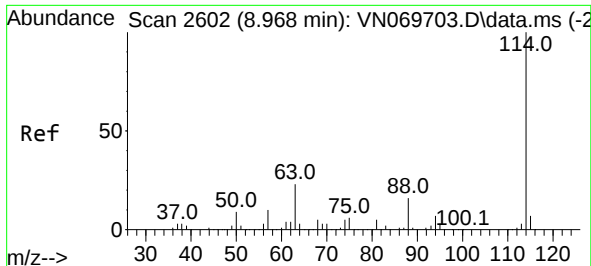
Tgt Ion: 65 Resp: 684592

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0

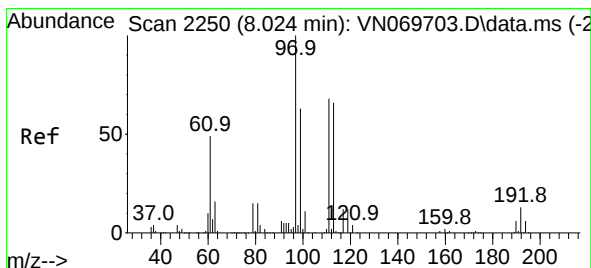
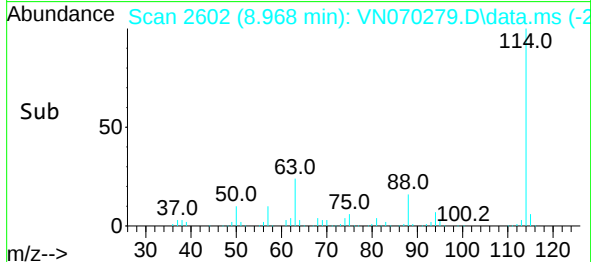
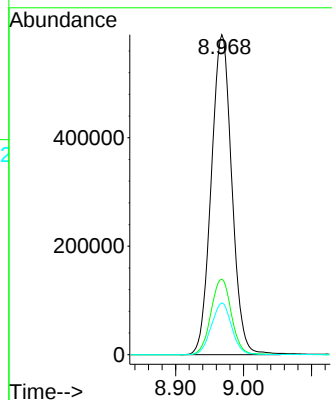
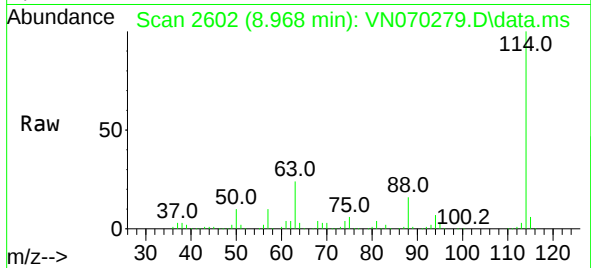




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

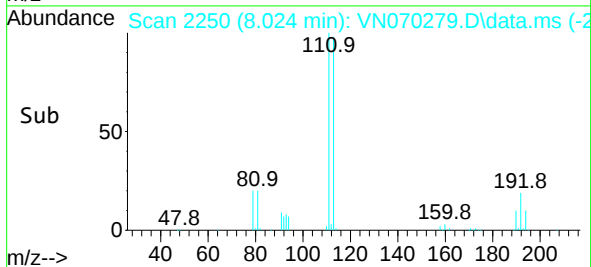
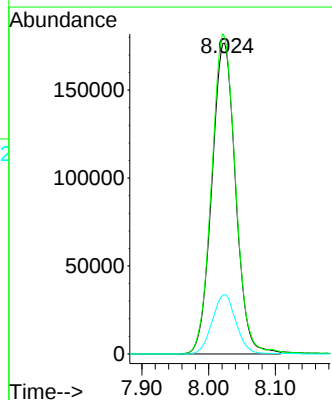
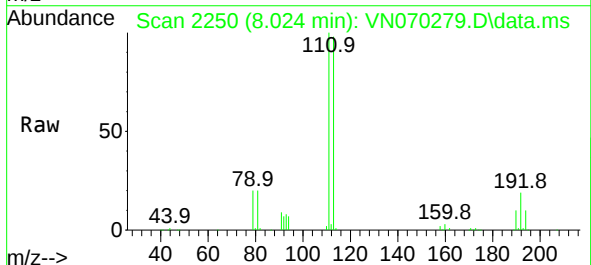
Instrument :
MSVOA_N
ClientSampleId :
A2

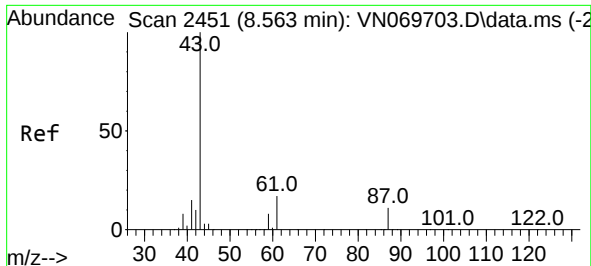
Tgt Ion:114 Resp: 1238967
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 56.364 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

Tgt Ion:113 Resp: 437419
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.1 16.9 25.3

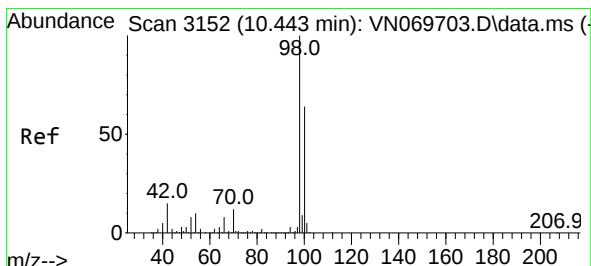
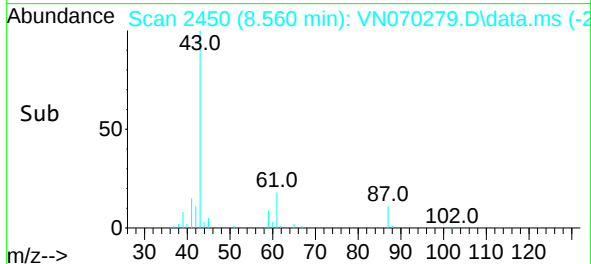
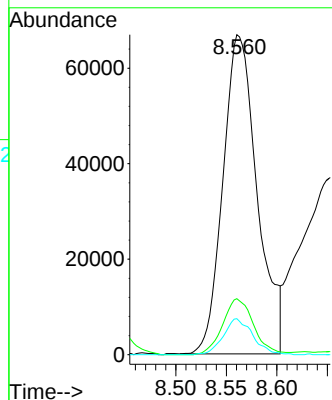
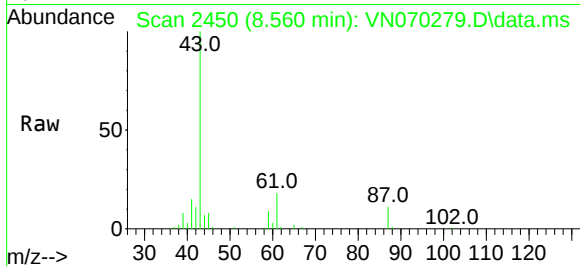




#43
Isopropyl Acetate
Concen: 6.082 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

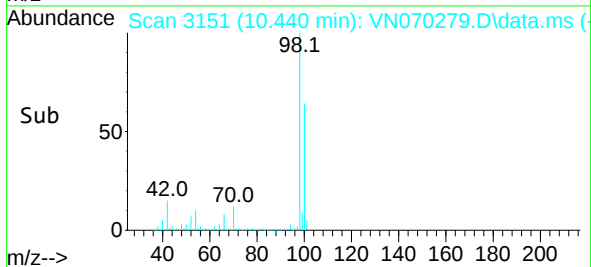
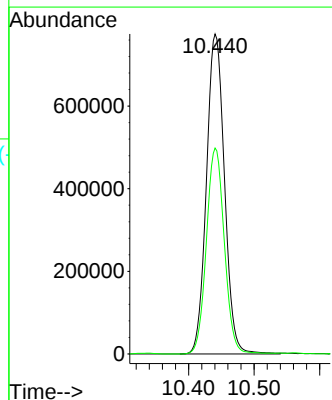
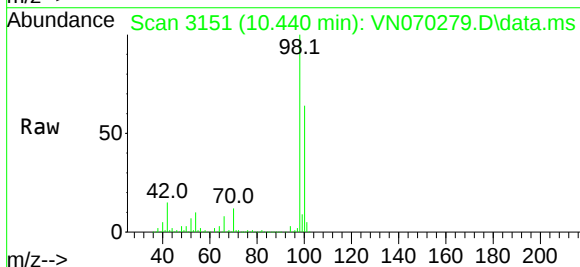
Instrument :
MSVOA_N
ClientSampleId :
A2

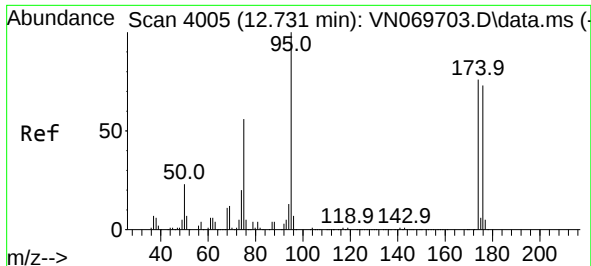
Tgt Ion: 43 Resp: 157999
Ion Ratio Lower Upper
43 100
61 15.9 20.4 30.6#
87 9.7 11.2 16.8#



#50
Toluene-d8
Concen: 47.462 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

Tgt Ion: 98 Resp: 1478985
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

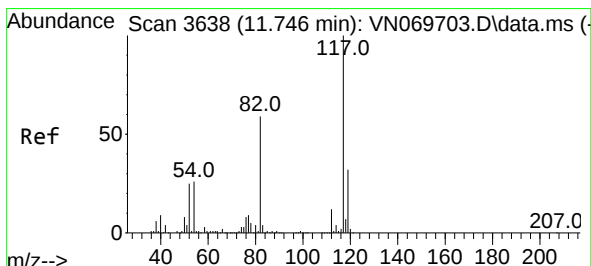
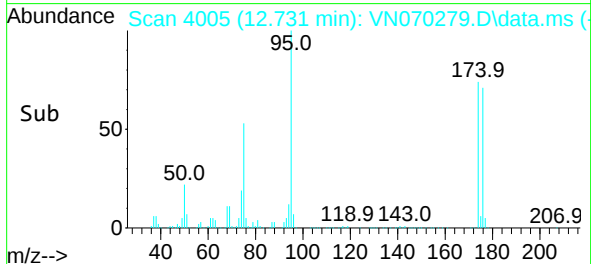
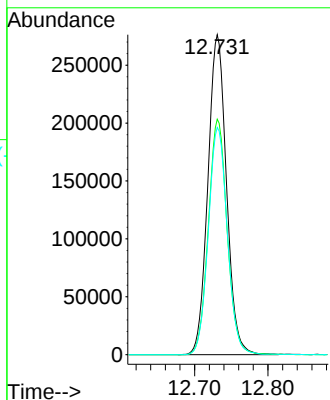
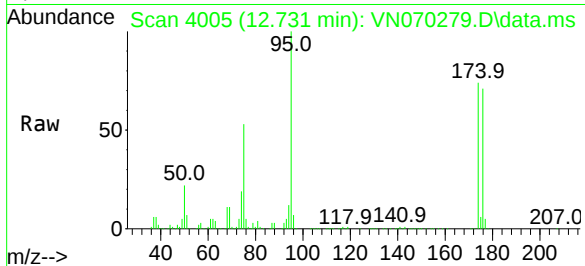




#62
4-Bromofluorobenzene
Concen: 43.141 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

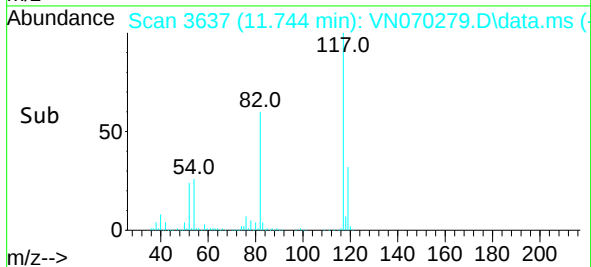
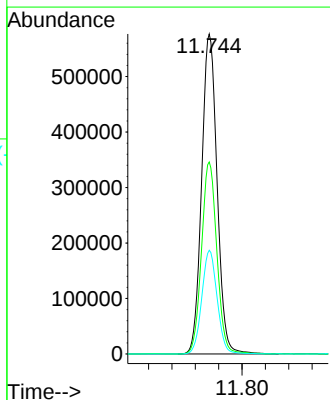
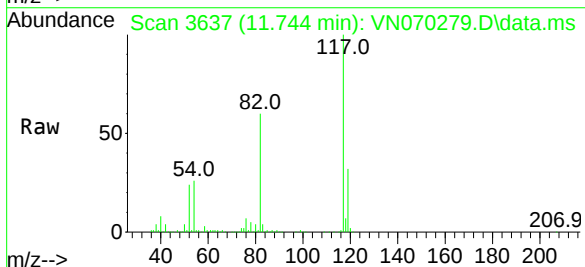
Instrument :
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ClientSampleId :
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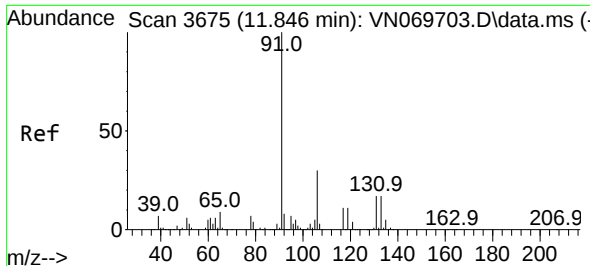
Tgt Ion: 95 Resp: 487024
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

Tgt Ion: 117 Resp: 1059092
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.4 25.4 38.2





#67

Ethyl Benzene

Concen: 7.542 ug/l

RT: 11.843 min Scan# 3

Delta R.T. -0.003 min

Lab File: VN070279.D

Acq: 21 Dec 2021 20:07

Instrument :

MSVOA_N

ClientSampleId :

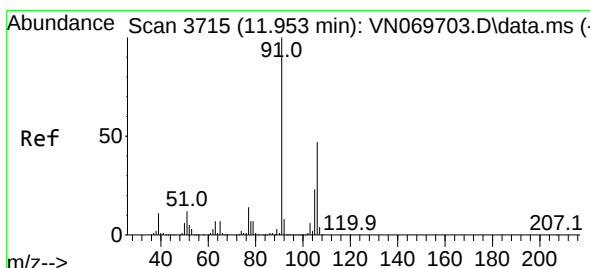
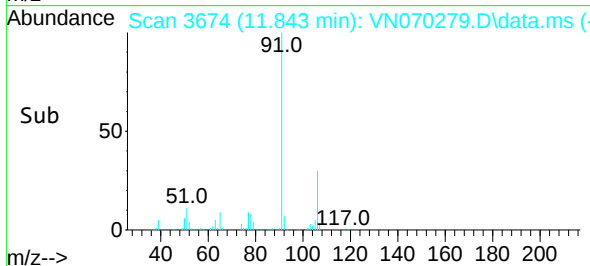
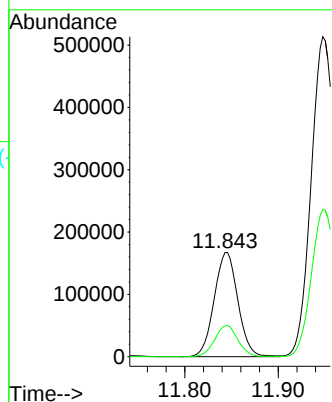
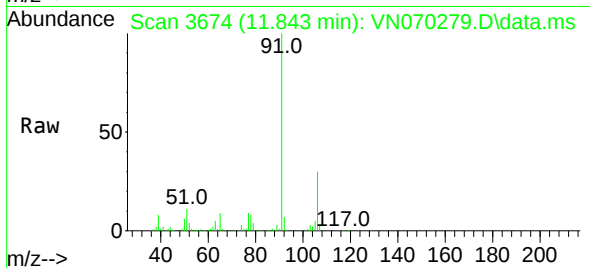
A2

Tgt Ion: 91 Resp: 294352

Ion Ratio Lower Upper

91 100

106 29.7 25.7 38.5



#68

m/p-Xylenes

Concen: 31.839 ug/l

RT: 11.948 min Scan# 3713

Delta R.T. -0.005 min

Lab File: VN070279.D

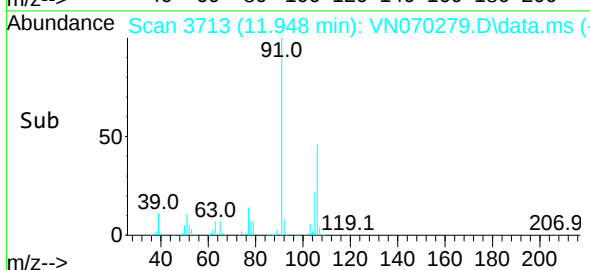
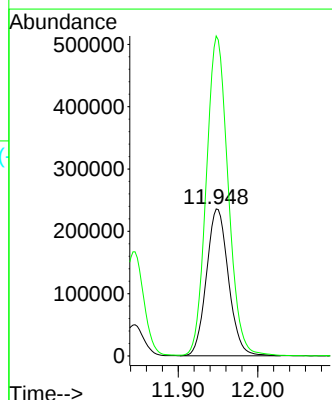
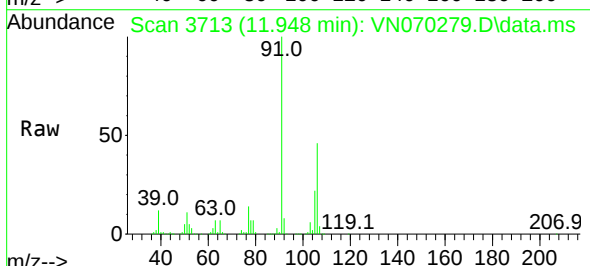
Acq: 21 Dec 2021 20:07

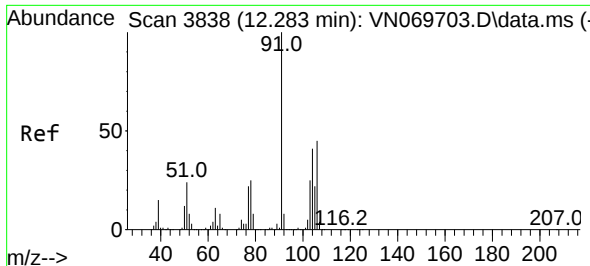
Tgt Ion:106 Resp: 452449

Ion Ratio Lower Upper

106 100

91 217.2 160.6 240.8

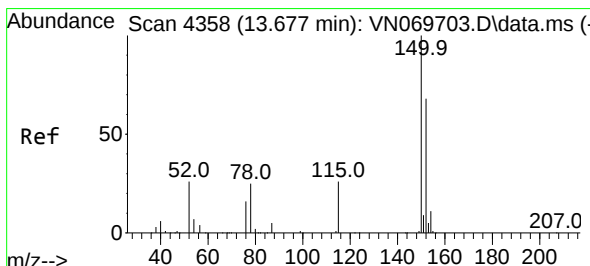
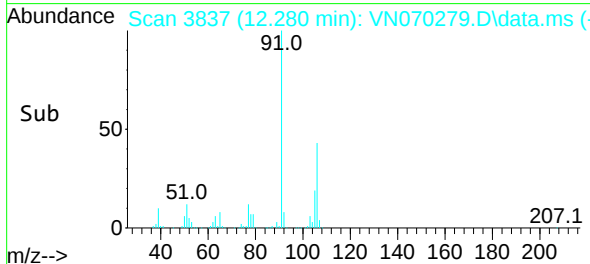
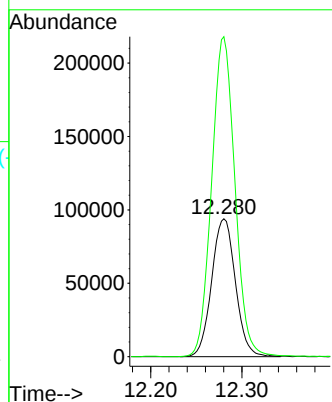
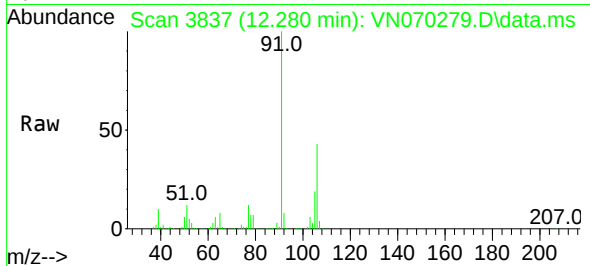




#69
o-Xylene
Concen: 11.874 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

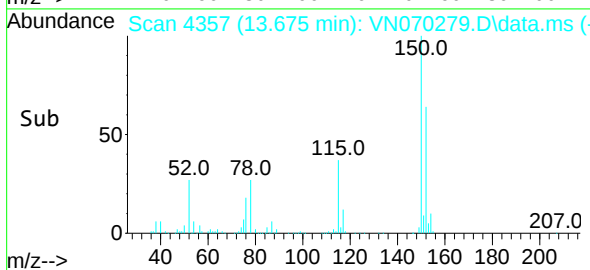
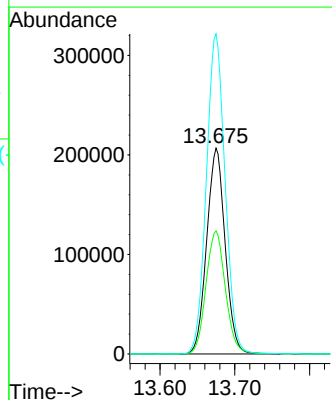
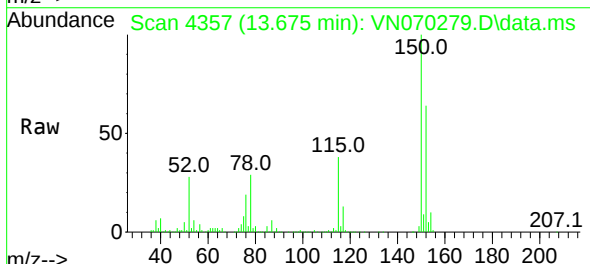
Instrument :
MSVOA_N
ClientSampleId :
A2

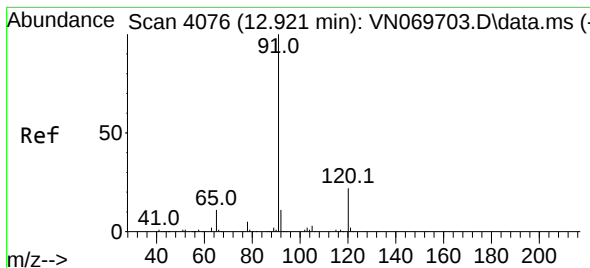
Tgt Ion:106 Resp: 169965
Ion Ratio Lower Upper
106 100
91 227.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070279.D
Acq: 21 Dec 2021 20:07

Tgt Ion:152 Resp: 355720
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 157.5 0.0 344.4





#78

n-propylbenzene

Concen: 1.000 ug/l

RT: 12.919 min Scan# 4076

Delta R.T. -0.003 min

Lab File: VN070279.D

Acq: 21 Dec 2021 20:07

Instrument :

MSVOA_N

ClientSampleId :

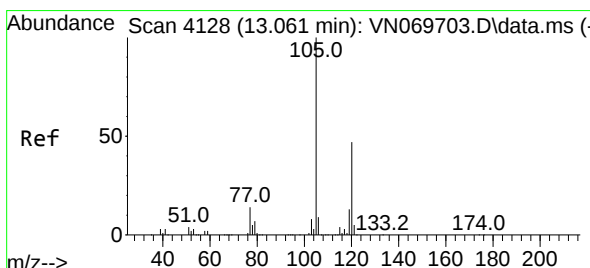
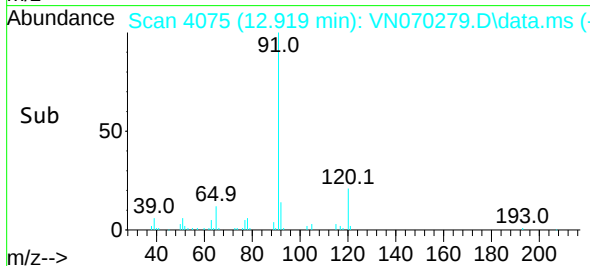
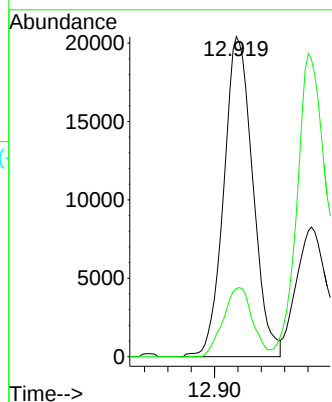
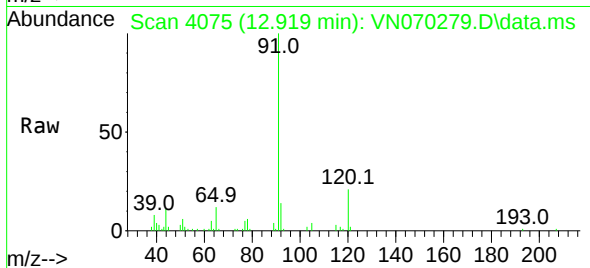
A2

Tgt Ion: 91 Resp: 35225

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 3.180 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN070279.D

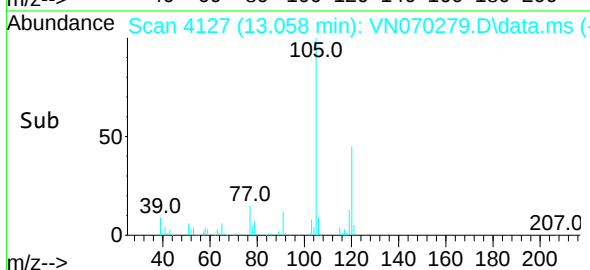
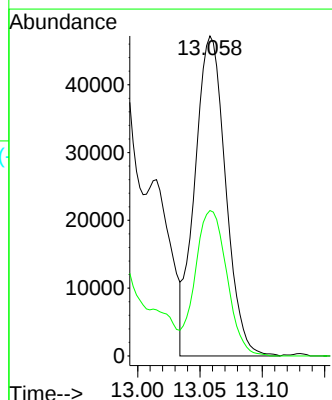
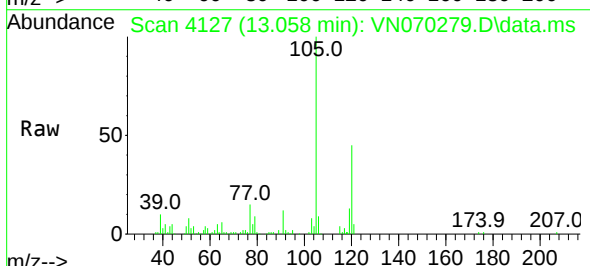
Acq: 21 Dec 2021 20:07

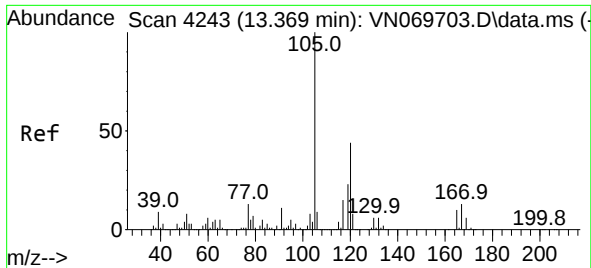
Tgt Ion: 105 Resp: 81011

Ion Ratio Lower Upper

105 100

120 47.0 24.6 73.6





#84
 1,2,4-Trimethylbenzene
 Concen: 11.907 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070279.D
 Acq: 21 Dec 2021 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 A2

Tgt Ion:105 Resp: 288854
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.8 68.4

