

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072977.D
 Acq On : 21 Jun 2022 12:40
 Operator : JC\MD
 Sample : N3357-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-06-14

Quant Time: Jun 22 06:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

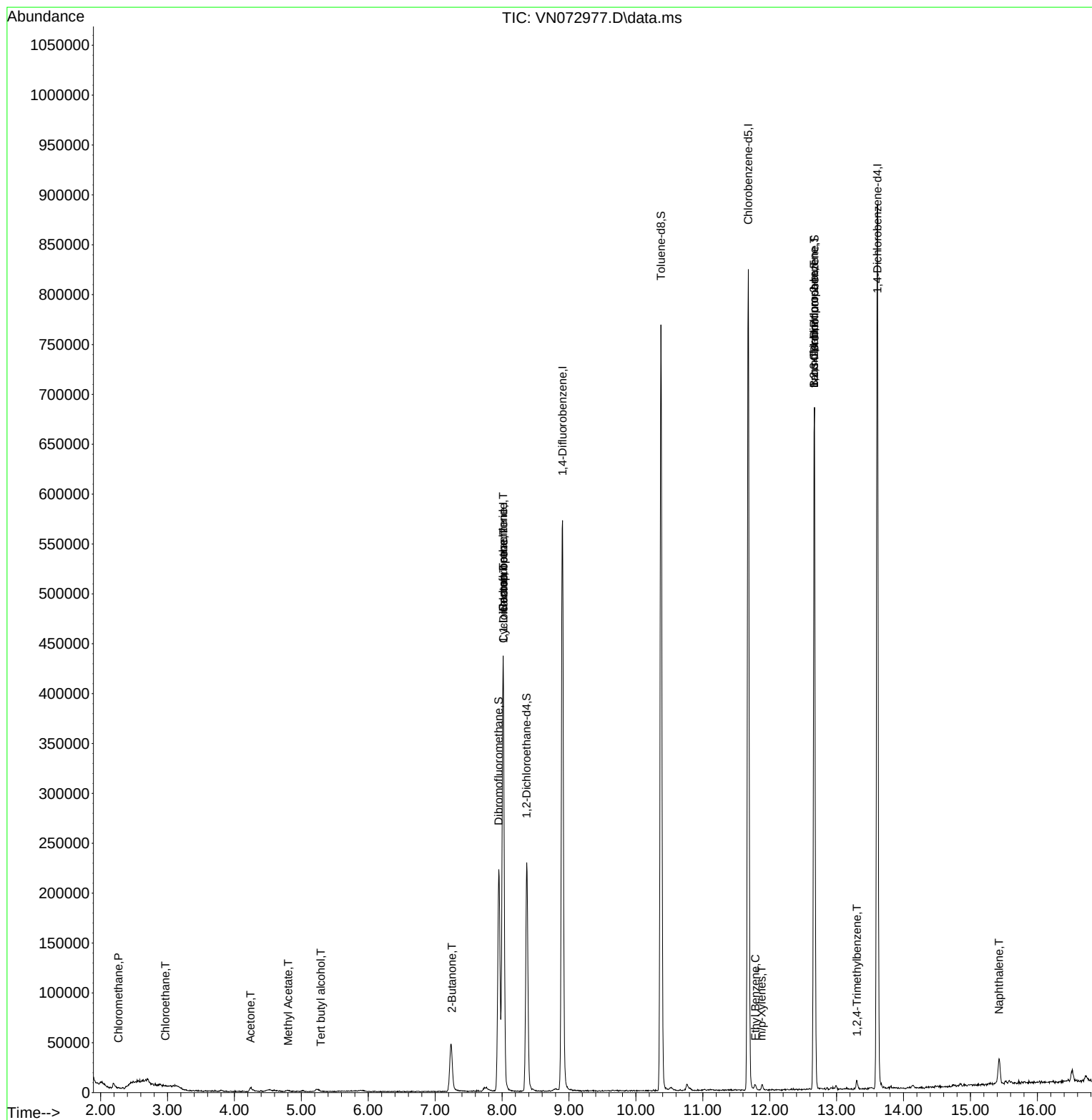
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	328440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	523830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	482753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	240535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192125	43.267	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.540%
35) Dibromofluoromethane	7.951	113	166243	51.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.700%
50) Toluene-d8	10.375	98	538901	44.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.669	95	240414	55.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.980%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	496	0.715	ug/l #	43
6) Chloroethane	2.969	64	535	0.305	ug/l #	1
11) Tert butyl alcohol	5.293	59	401	0.350	ug/l #	72
16) Acetone	4.240	43	7437	3.047	ug/l #	78
18) Methyl Acetate	4.804	43	2528	0.389	ug/l #	60
20) Methylene Chloride	5.010	84	403	Below Cal	#	71
25) 2-Butanone	7.251	43	2536	0.655	ug/l #	45
31) Cyclohexane	8.022	56	7116	1.185	ug/l #	24
36) 1,1-Dichloropropene	8.022	75	27167	6.201	ug/l #	48
38) Carbon Tetrachloride	8.016	117	32794	7.116	ug/l #	16
67) Ethyl Benzene	11.786	91	3749	0.226	ug/l #	87
68) m/p-Xylenes	11.880	106	1883	0.289	ug/l	94
71) Bromoform	12.663	173	1375	0.508	ug/l #	28
76) 1,2,3-Trichloropropane	12.663	75	123347	21.151	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.663	75	123347	57.121	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	6156	0.404	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.539	75	70	Below Cal	#	1
95) Naphthalene	15.427	128	27008	1.453	ug/l	99

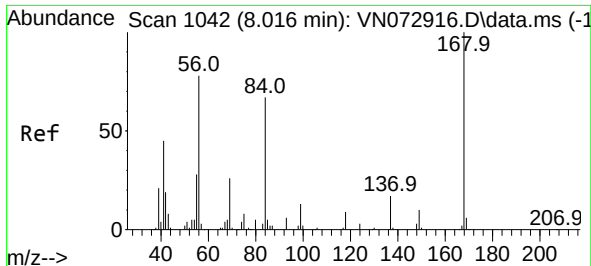
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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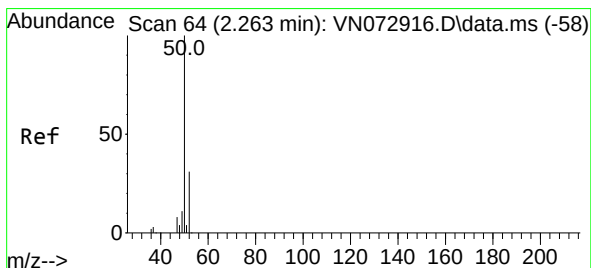
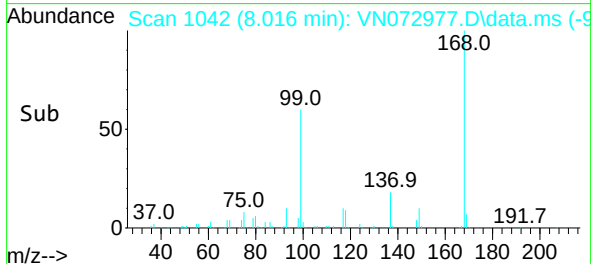
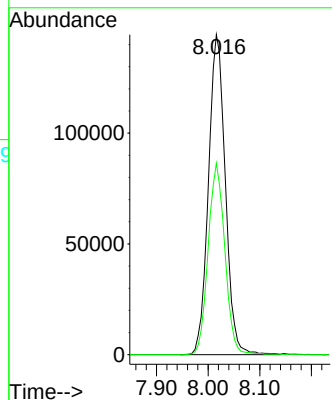
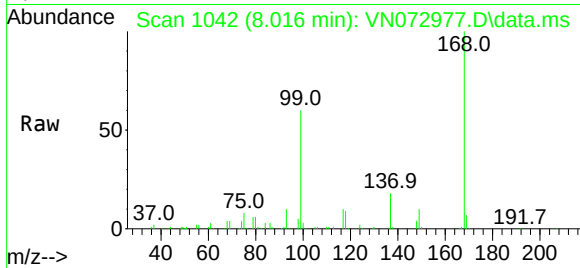




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

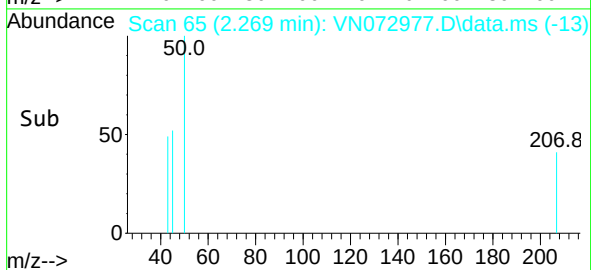
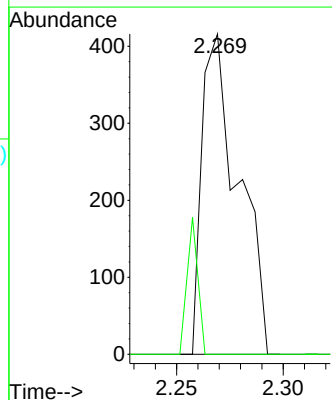
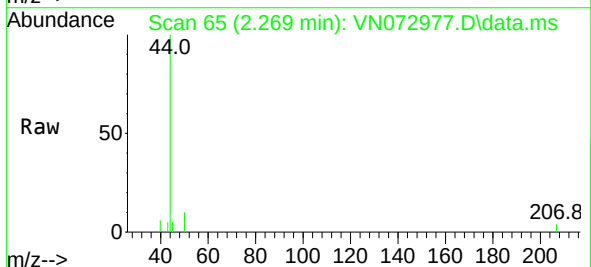
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-14

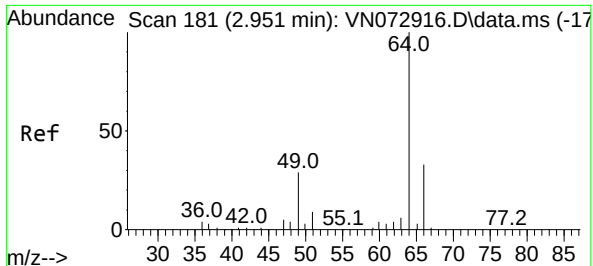
Tgt Ion:168 Resp: 328440
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: 0.715 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5

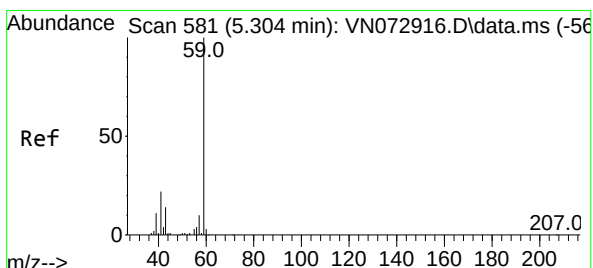
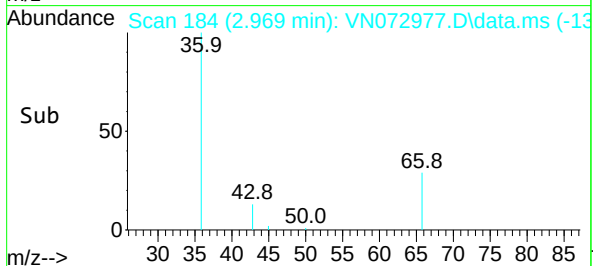
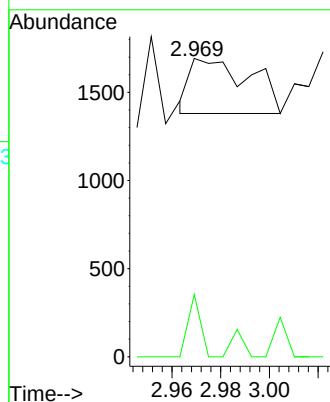
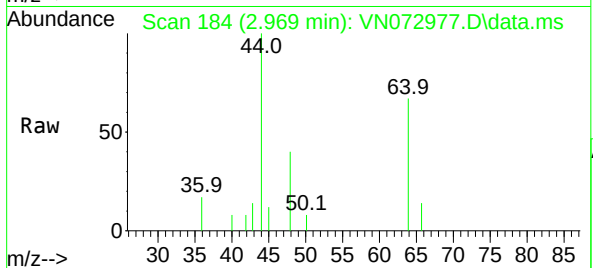




#6
Chloroethane
Concen: 0.305 ug/l
RT: 2.969 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

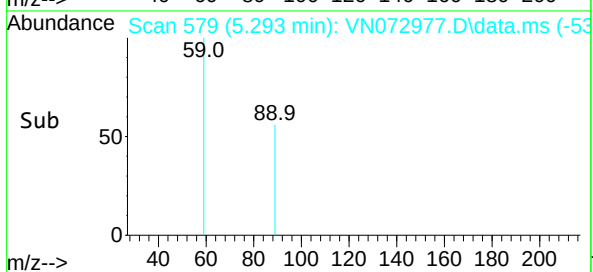
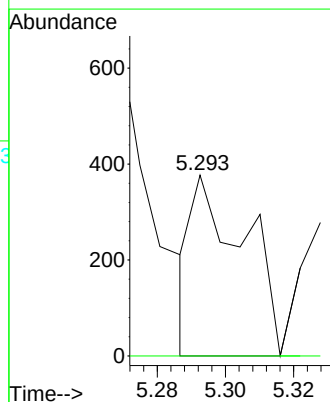
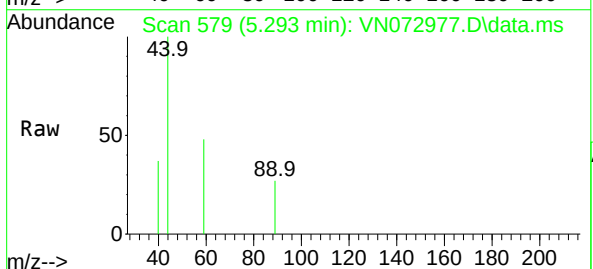
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-14

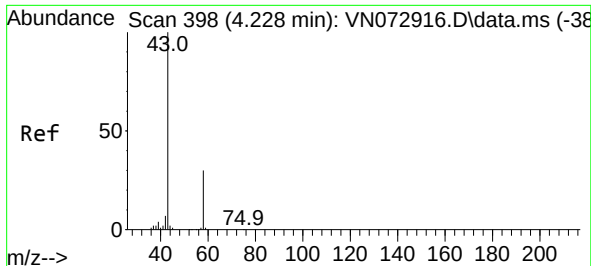
Tgt Ion: 64 Resp: 535
Ion Ratio Lower Upper
64 100
66 113.1 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.350 ug/l
RT: 5.293 min Scan# 579
Delta R.T. -0.012 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 3.047 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.012 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

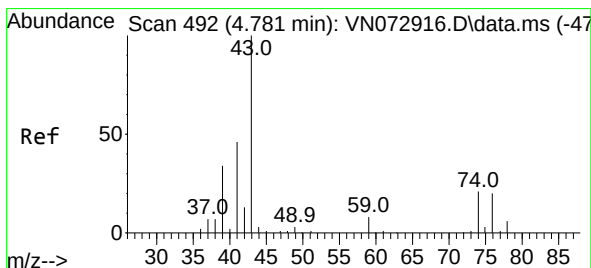
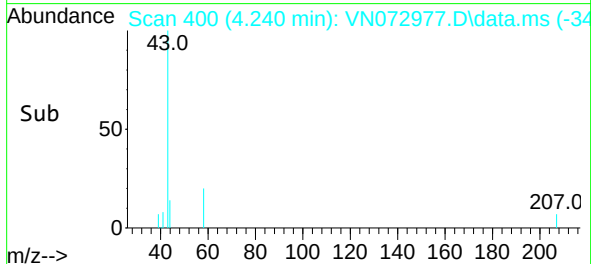
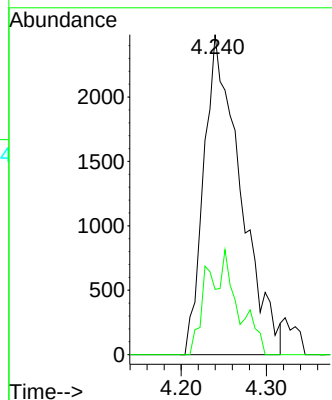
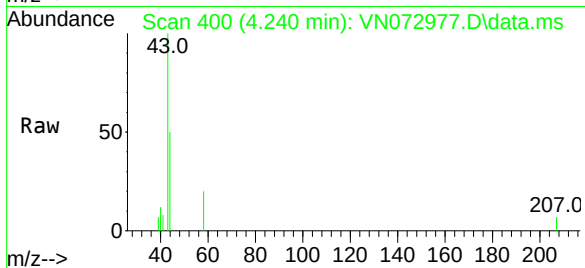
EB-2022-06-14

Tgt Ion: 43 Resp: 7437

Ion Ratio Lower Upper

43 100

58 20.4 26.0 39.0#



#18

Methyl Acetate

Concen: 0.389 ug/l

RT: 4.804 min Scan# 496

Delta R.T. 0.024 min

Lab File: VN072977.D

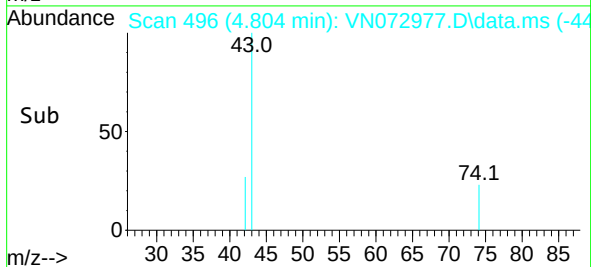
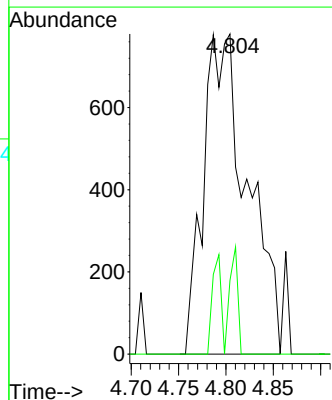
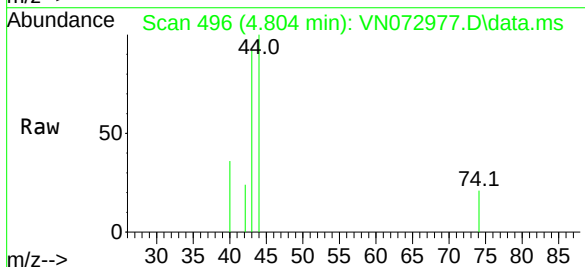
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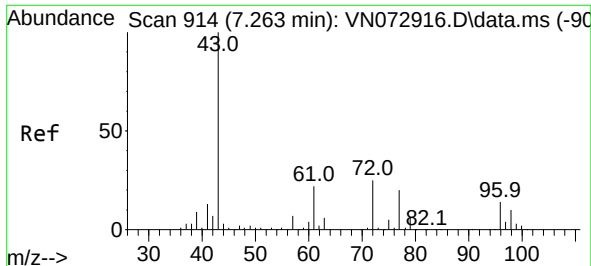
Tgt Ion: 43 Resp: 2528

Ion Ratio Lower Upper

43 100

74 6.1 21.6 32.4#





#25

2-Butanone

Concen: 0.655 ug/l

RT: 7.251 min Scan# 914

Delta R.T. -0.012 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

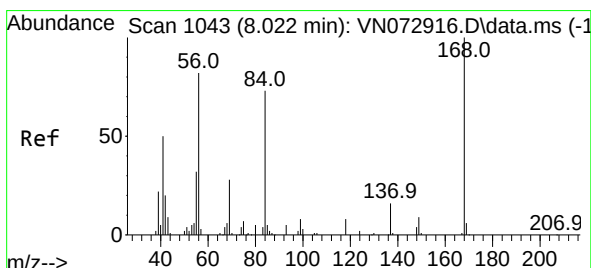
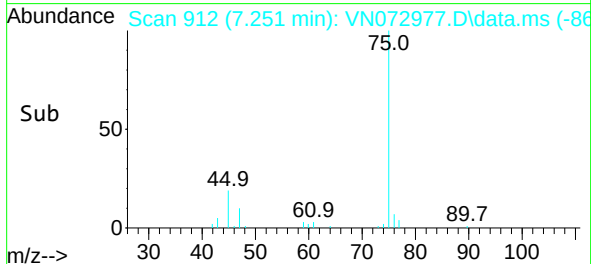
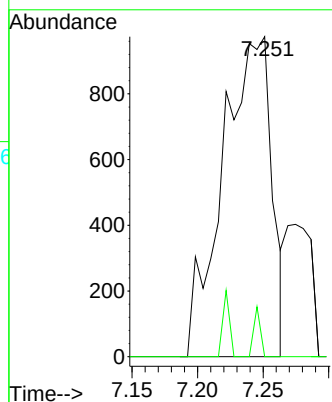
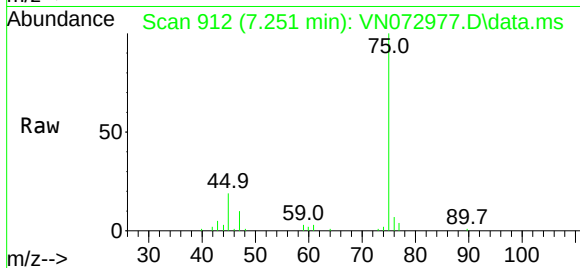
EB-2022-06-14

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

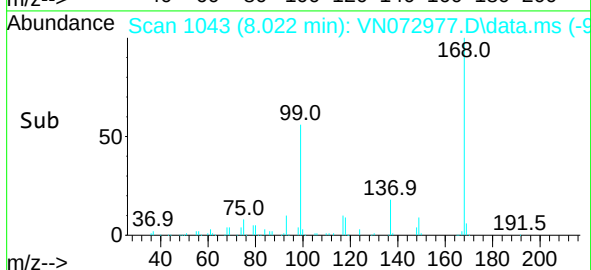
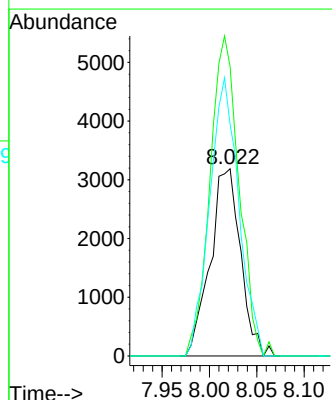
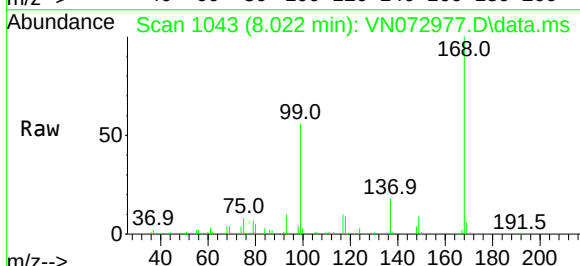
Tgt Ion: 56 Resp: 7116

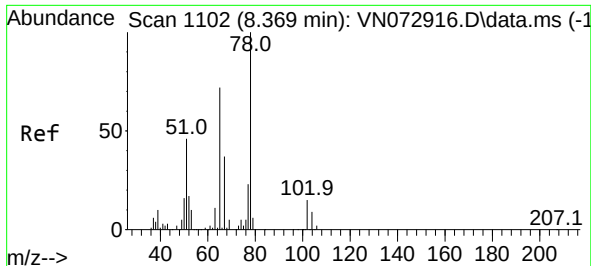
Ion Ratio Lower Upper

56 100

69 154.5 27.8 41.8#

84 123.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.267 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

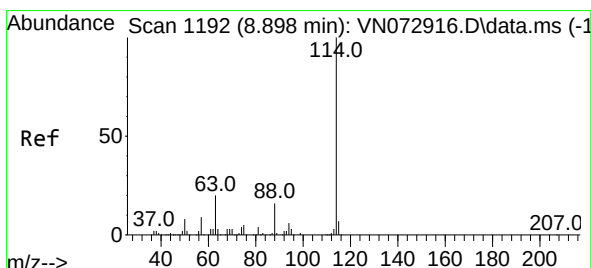
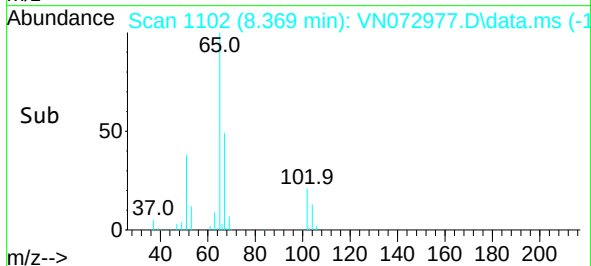
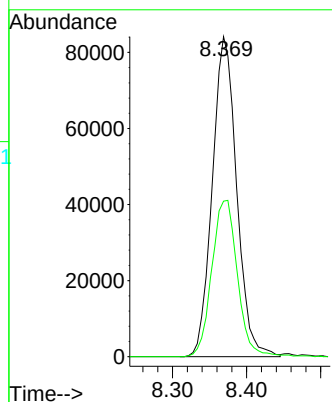
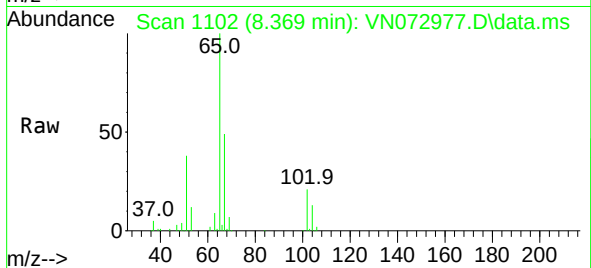
EB-2022-06-14

Tgt Ion: 65 Resp: 192125

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

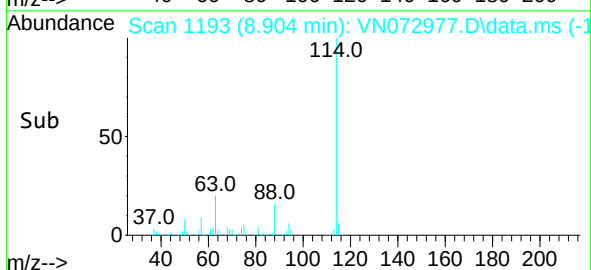
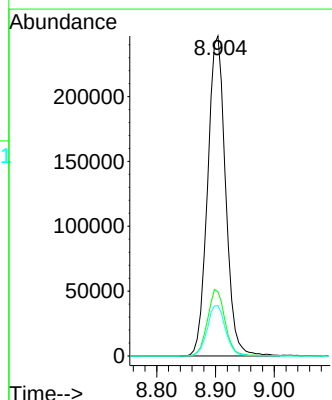
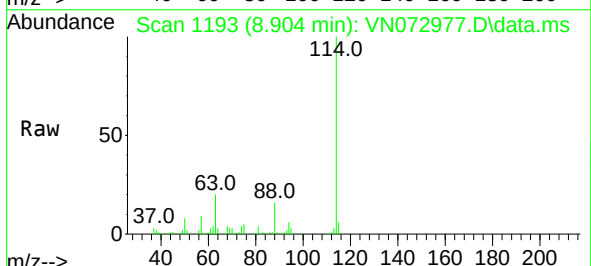
Tgt Ion: 114 Resp: 523830

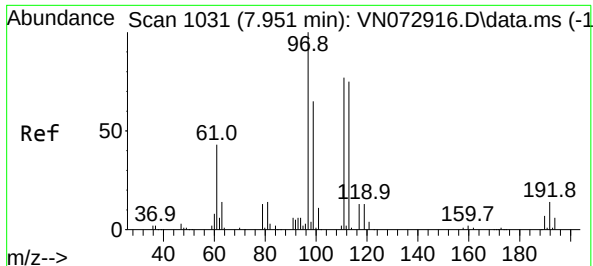
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.345 ug/l

RT: 7.951 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-06-14

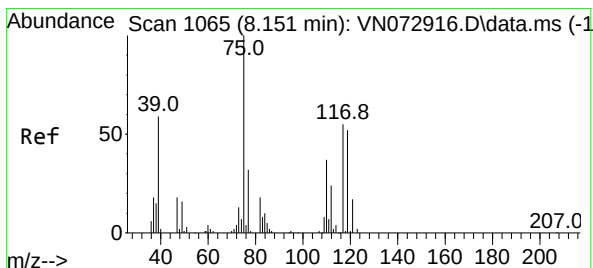
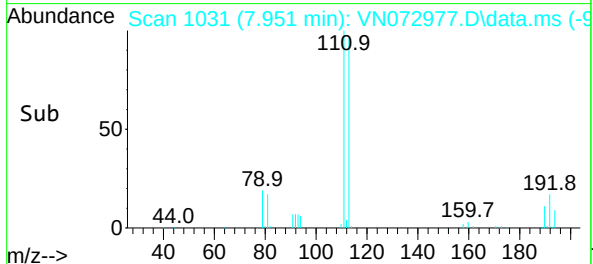
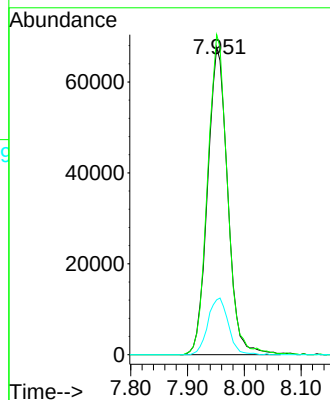
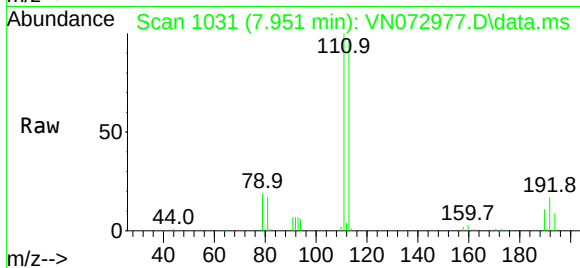
Tgt Ion:113 Resp: 166243

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.201 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

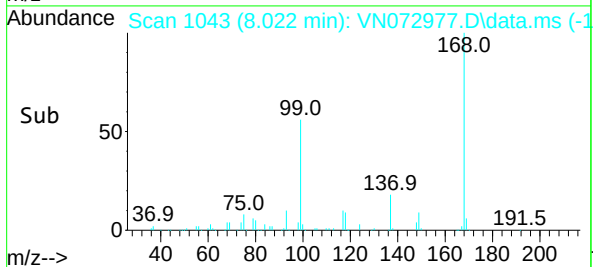
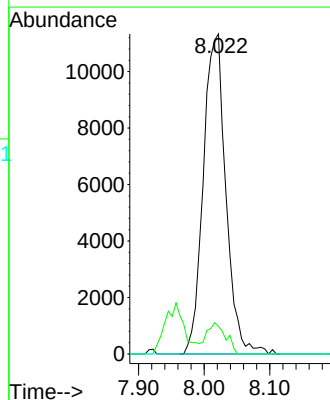
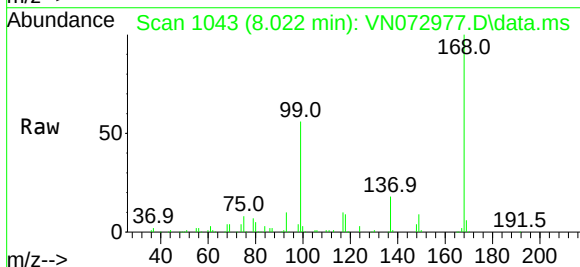
Tgt Ion: 75 Resp: 27167

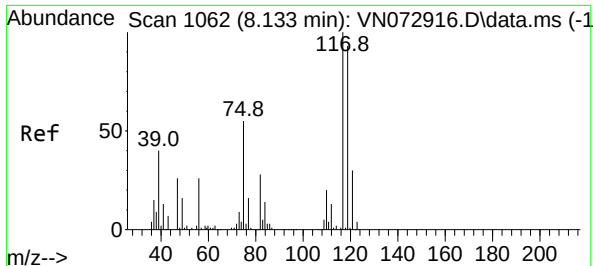
Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#

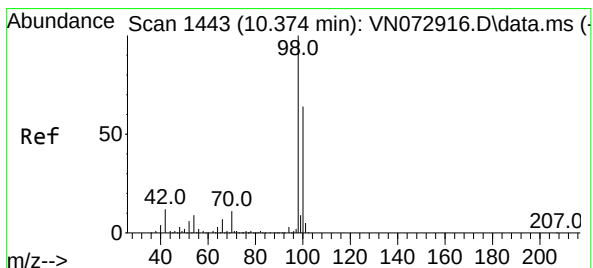
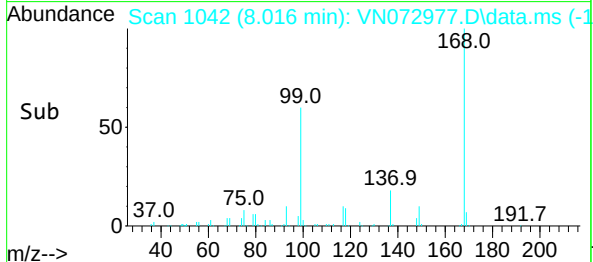
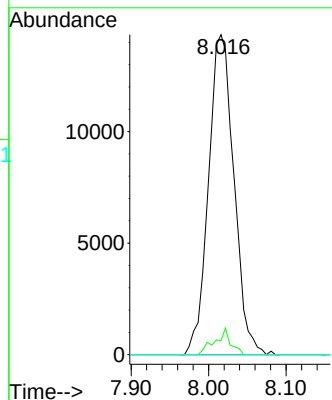
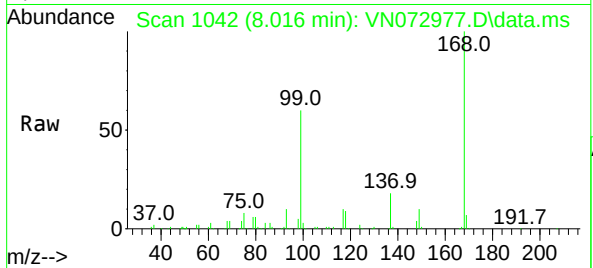




#38
Carbon Tetrachloride
Concen: 7.116 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

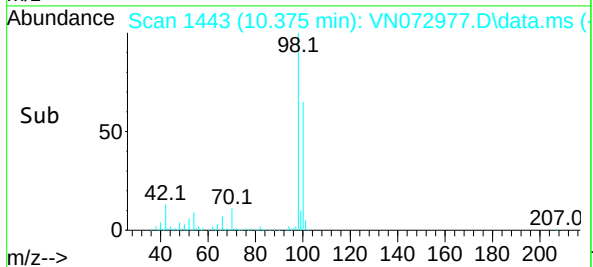
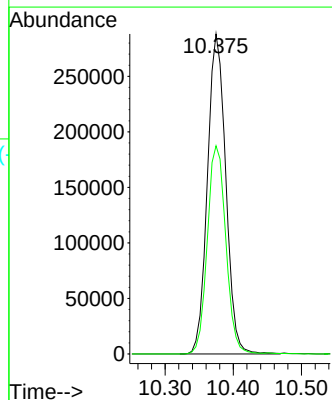
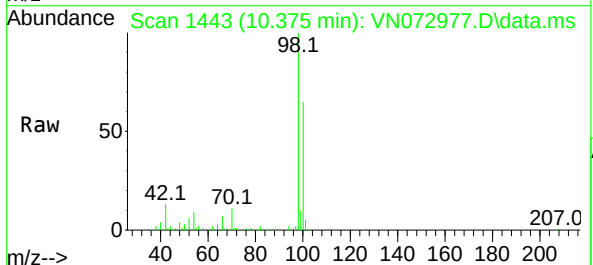
Instrument :
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EB-2022-06-14

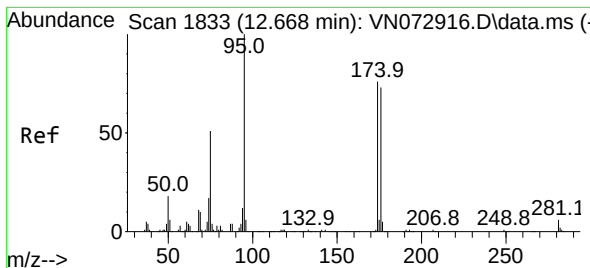
Tgt Ion:117 Resp: 32794
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.731 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

Tgt Ion: 98 Resp: 538901
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 55.495 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-06-14

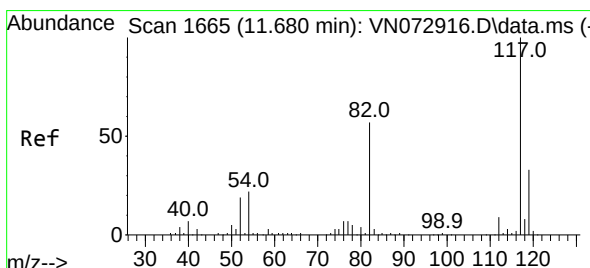
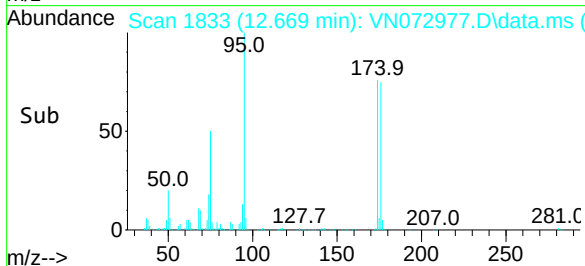
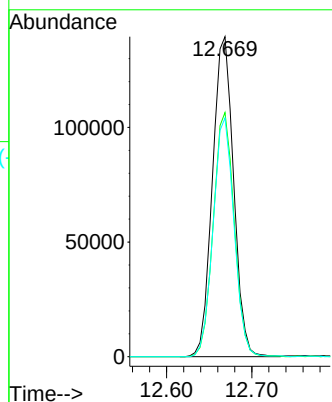
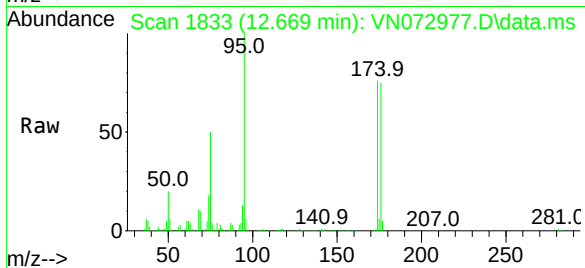
Tgt Ion: 95 Resp: 240414

Ion Ratio Lower Upper

95 100

174 75.5 0.0 167.6

176 73.8 0.0 163.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

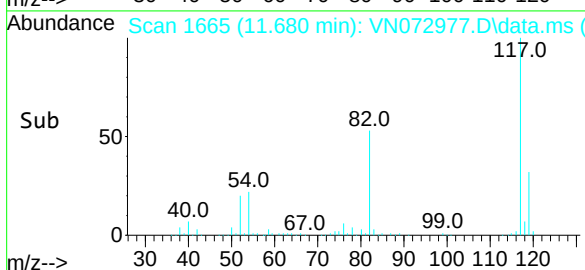
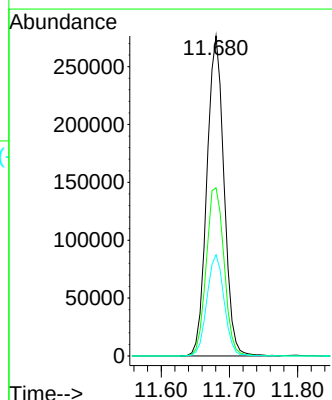
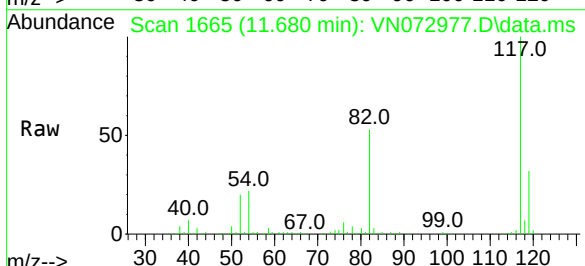
Tgt Ion: 117 Resp: 482753

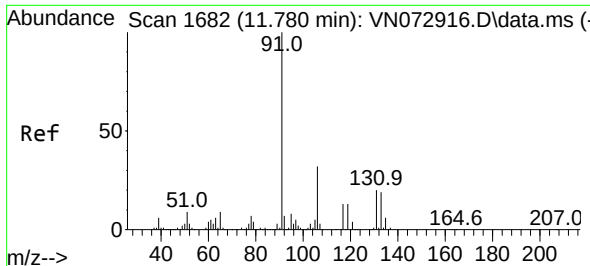
Ion Ratio Lower Upper

117 100

82 52.5 44.2 66.2

119 31.6 25.4 38.0

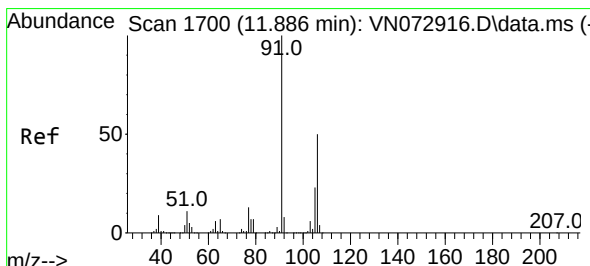
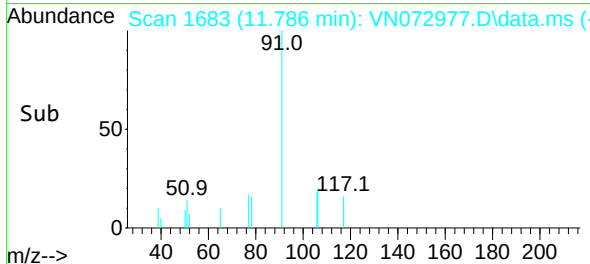
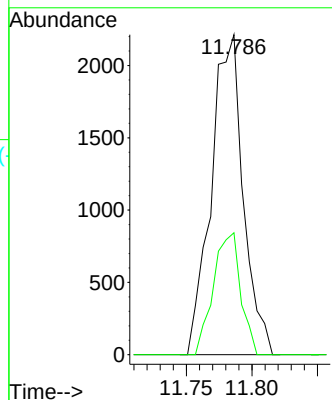
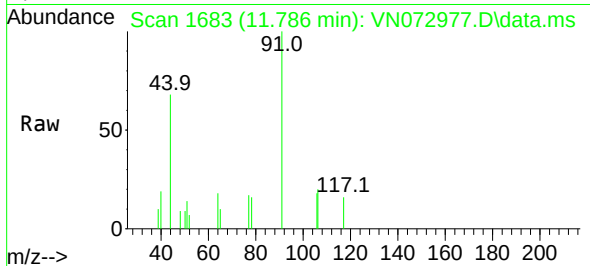




#67
Ethyl Benzene
Concen: 0.226 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

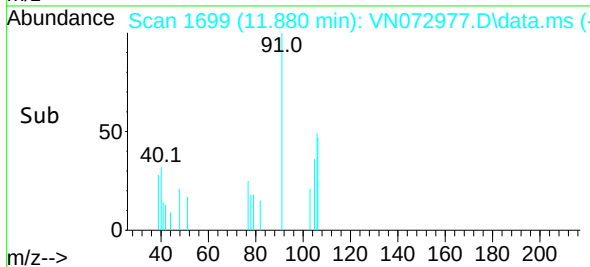
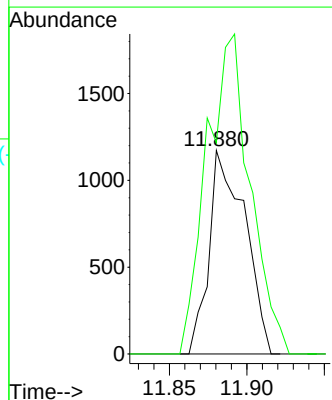
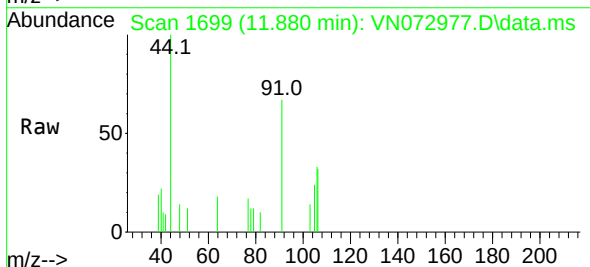
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-14

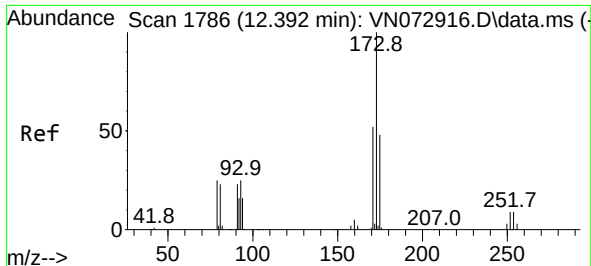
Tgt Ion: 91 Resp: 3749
Ion Ratio Lower Upper
91 100
106 38.1 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.289 ug/l
RT: 11.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

Tgt Ion: 106 Resp: 1883
Ion Ratio Lower Upper
106 100
91 190.1 158.9 238.3

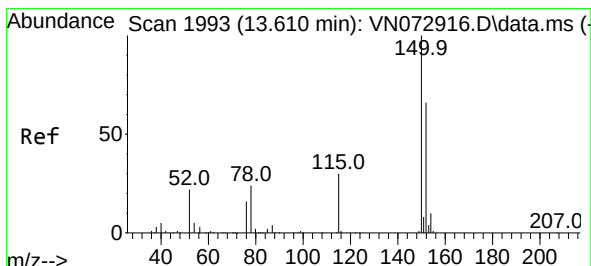
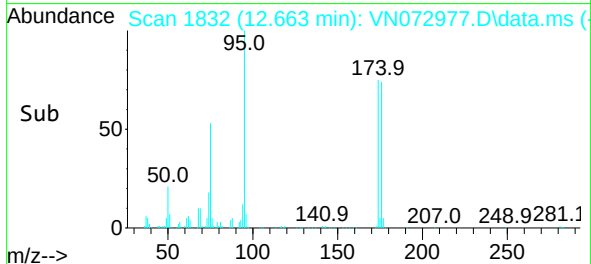
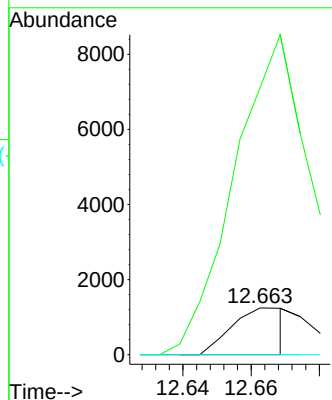
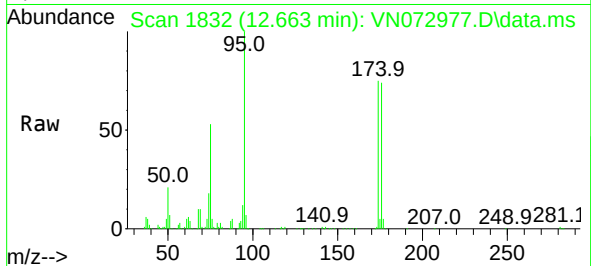




#71
Bromoform
Concen: 0.508 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

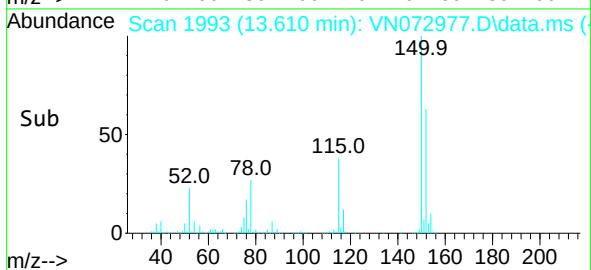
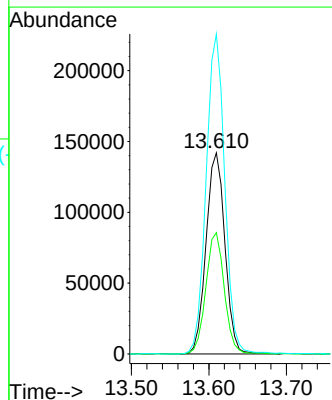
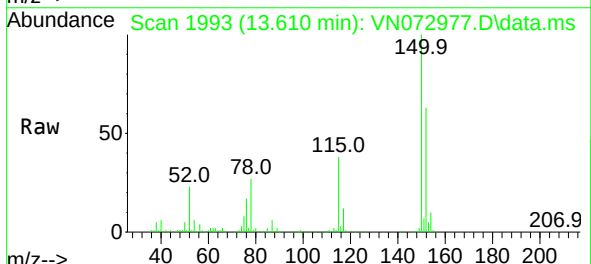
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-14

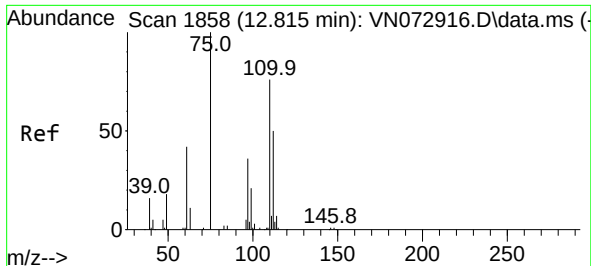
Tgt Ion:173 Resp: 1375
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

Tgt Ion:152 Resp: 240535
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 156.9 0.0 356.2

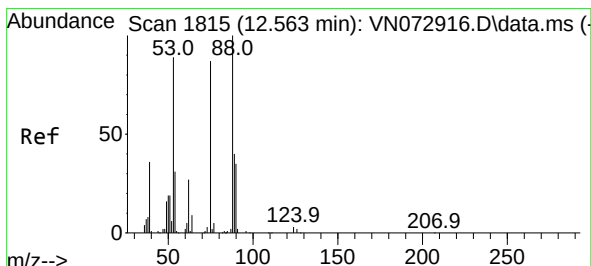
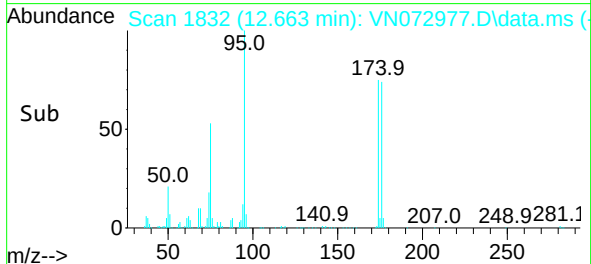
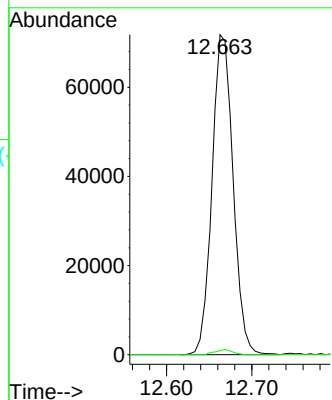
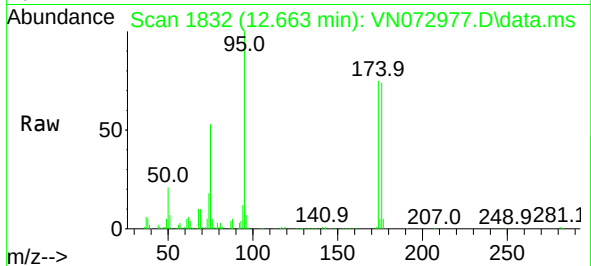




#76
1,2,3-Trichloropropane
Concen: 21.151 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.153 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

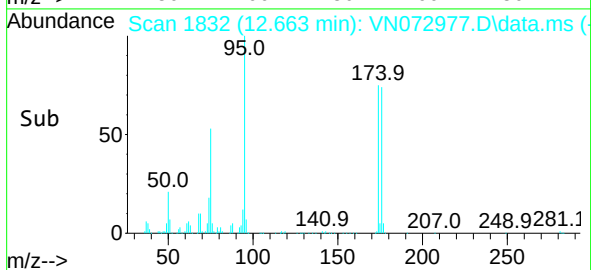
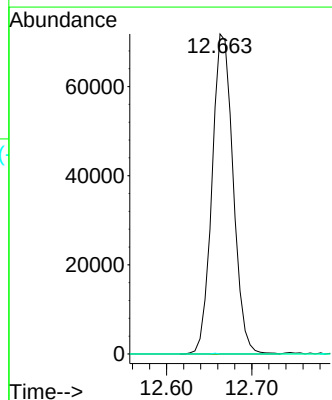
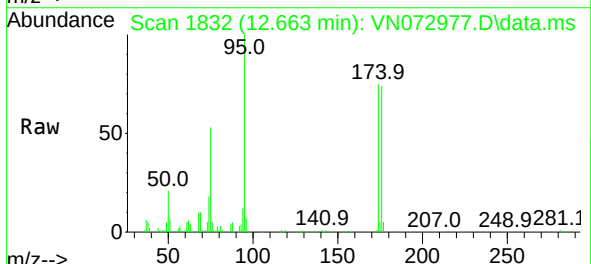
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-14

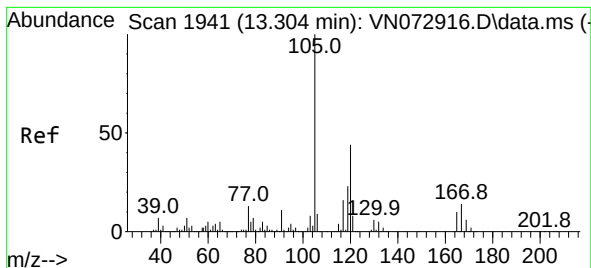
Tgt Ion: 75 Resp: 123347
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.121 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.100 min
Lab File: VN072977.D
Acq: 21 Jun 2022 12:40

Tgt Ion: 75 Resp: 123347
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.404 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

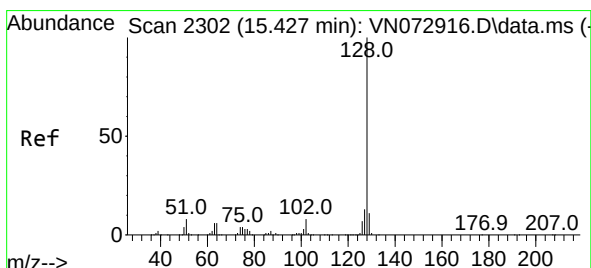
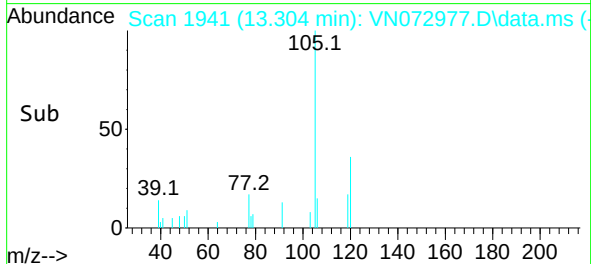
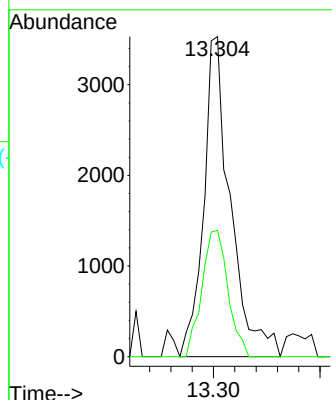
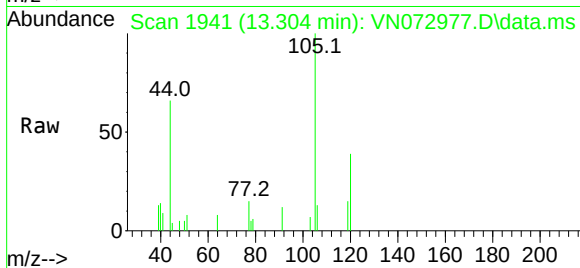
EB-2022-06-14

Tgt Ion:105 Resp: 6156

Ion Ratio Lower Upper

105 100

120 38.5 23.3 69.8



#95

Naphthalene

Concen: 1.453 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072977.D

Acq: 21 Jun 2022 12:40

Tgt Ion:128 Resp: 27008

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.0 8.6 13.0

