

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072271.D
 Acq On : 29 Apr 2022 15:46
 Operator : JC\MD
 Sample : N2617-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-04-28

Quant Time: Apr 30 03:14:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

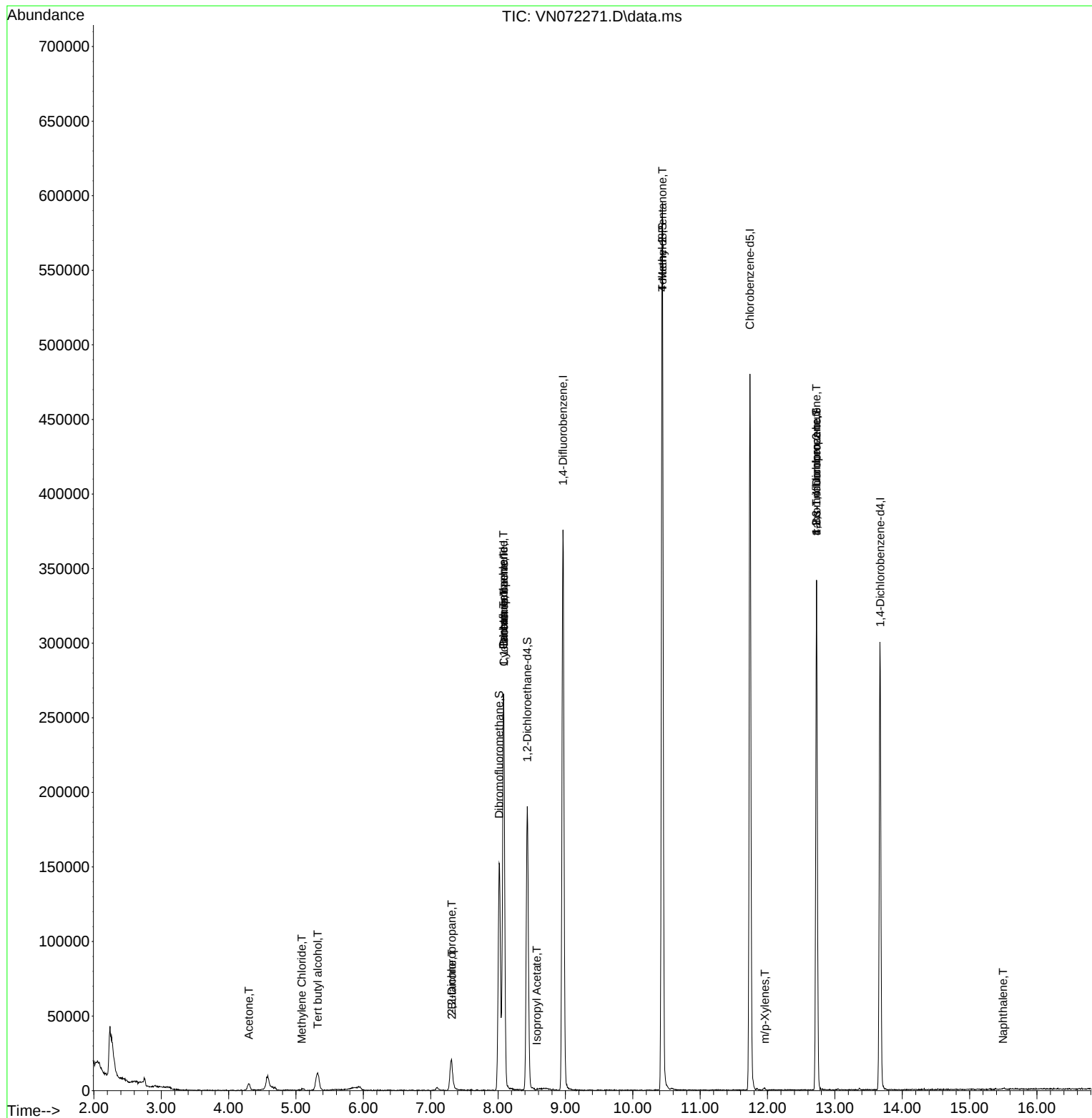
Internal Standards						
1) Pentafluorobenzene	8.081	168	185195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	315203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	265669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	78904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	173278	60.946	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	121.900%
35) Dibromofluoromethane	8.016	113	109846	54.447	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.900%
50) Toluene-d8	10.439	98	403994	50.961	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.727	95	115900	44.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.100%
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	1035	Below Cal	#	43
5) Bromomethane	2.863	94	61	Below Cal	#	2
6) Chloroethane	3.034	64	669	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	12478	26.706	ug/l	# 72
16) Acetone	4.299	43	7412	6.047	ug/l	94
20) Methylene Chloride	5.087	84	709	0.302	ug/l	# 63
25) 2-Butanone	7.316	43	1396	0.715	ug/l	# 45
26) 2,2-Dichloropropane	7.310	77	1222	0.370	ug/l	# 53
31) Cyclohexane	8.087	56	4712	1.240	ug/l	# 39
36) 1,1-Dichloropropene	8.087	75	16174	5.508	ug/l	# 50
38) Carbon Tetrachloride	8.081	117	20678	6.575	ug/l	# 18
43) Isopropyl Acetate	8.575	43	135	0.823	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.439	43	2028	0.551	ug/l	# 1
68) m/p-Xylenes	11.963	106	877	0.252	ug/l	78
76) 1,2,3-Trichloropropane	12.727	75	66845	37.435	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	66845	97.955	ug/l	# 10
95) Naphthalene	15.498	128	546	4.422	ug/l	# 69

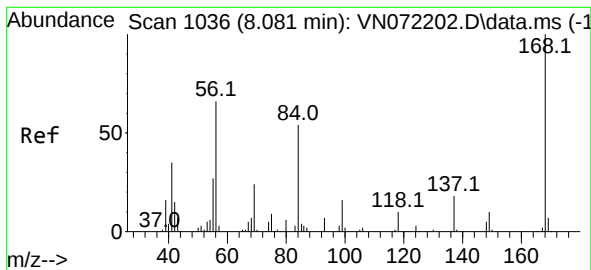
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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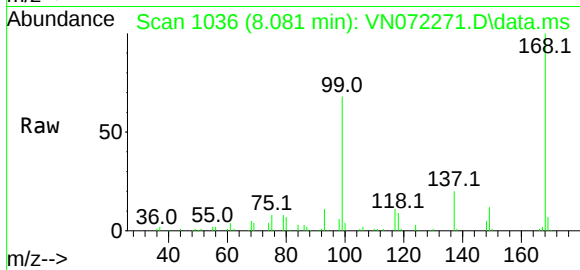
Quant Time: Apr 30 03:14:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
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QLast Update : Tue Apr 26 18:50:11 2022
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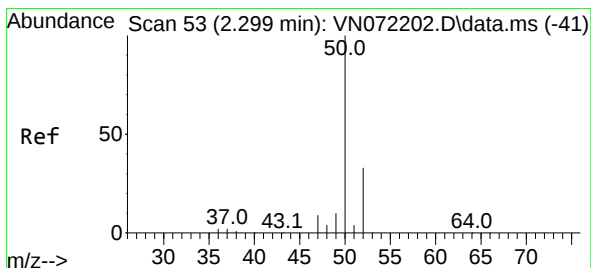
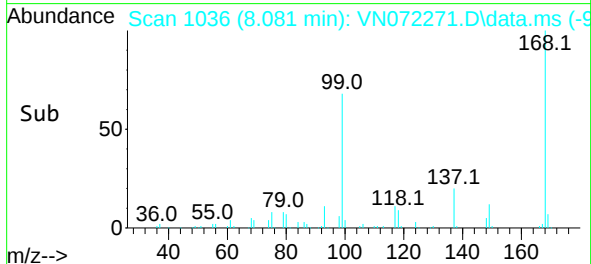
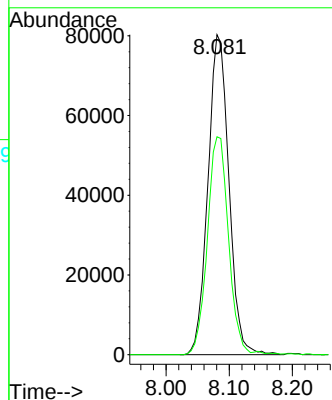


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28

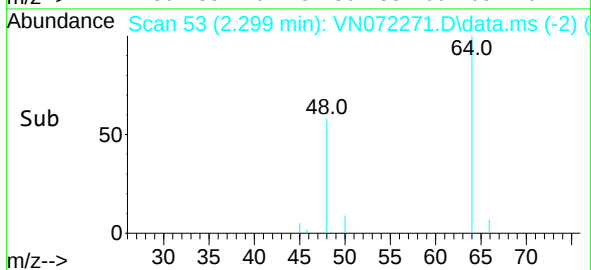
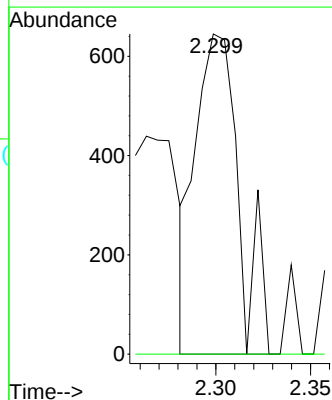
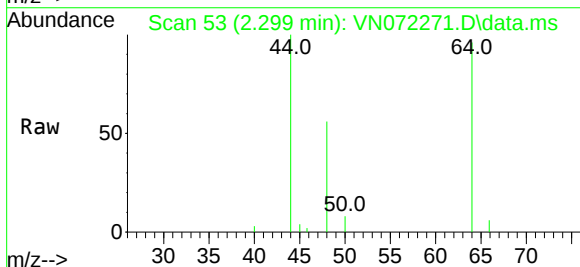


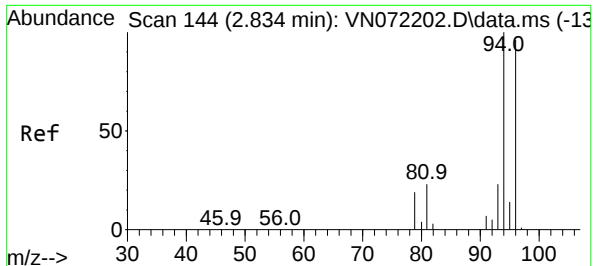
Tgt Ion:168 Resp: 185195
Ion Ratio Lower Upper
168 100
99 68.1 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 50 Resp: 1035
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

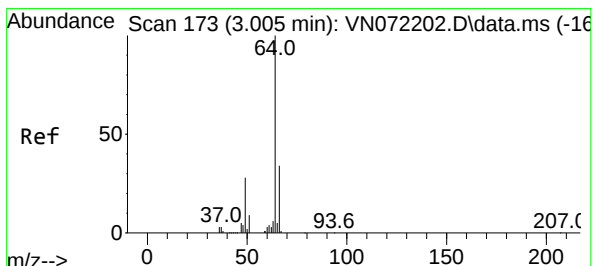
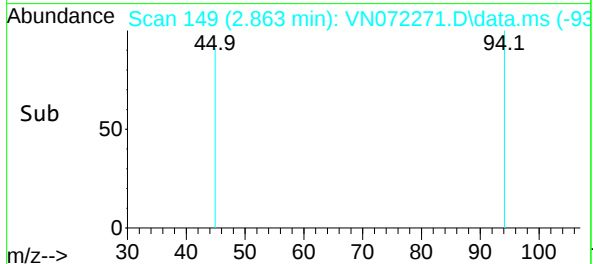
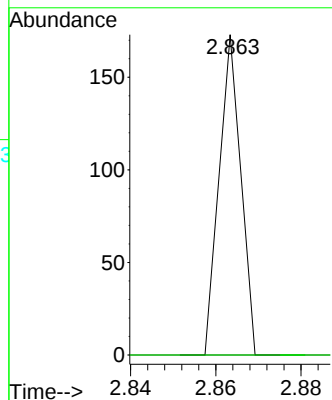
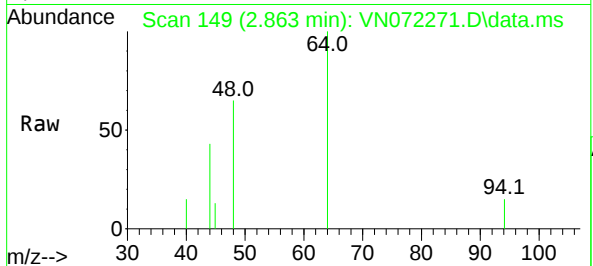




#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 144
Delta R.T. 0.029 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

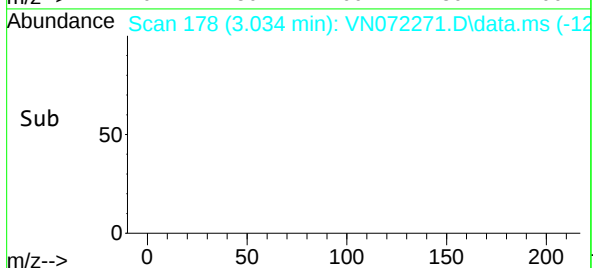
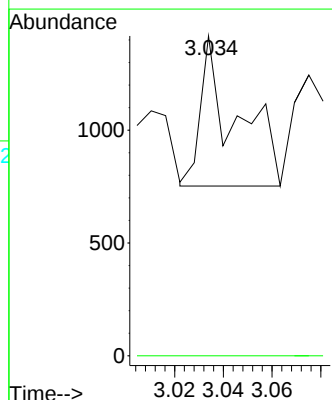
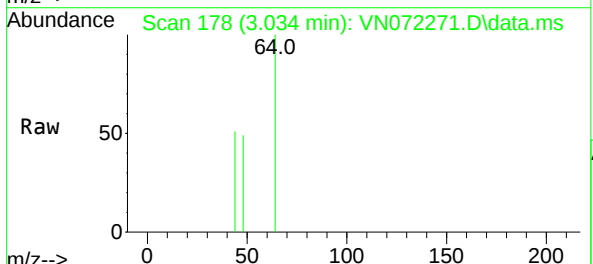
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28

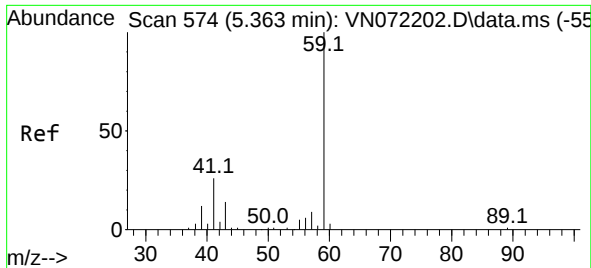
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.034 min Scan# 178
Delta R.T. 0.029 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 64 Resp: 669
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

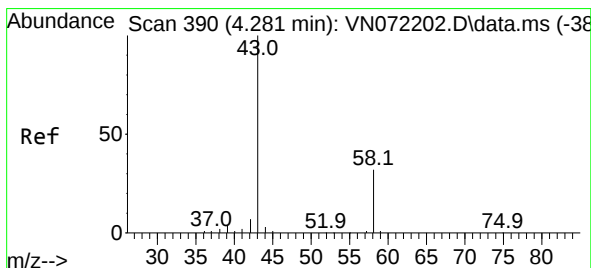
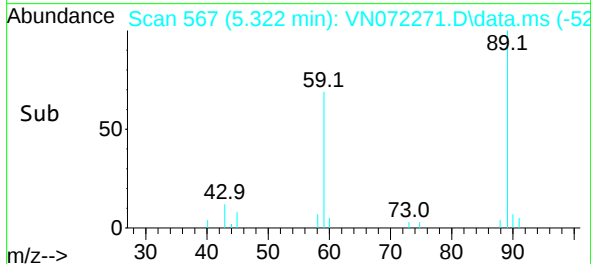
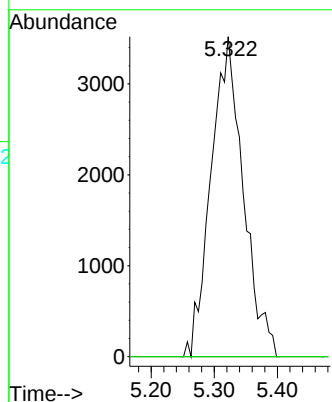
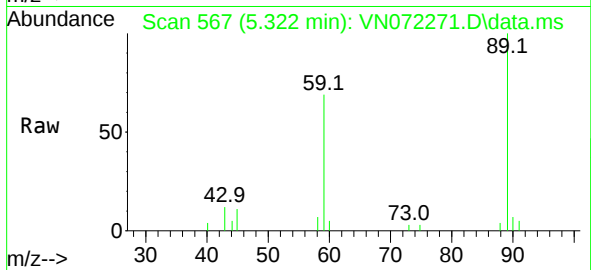




#11
Tert butyl alcohol
Concen: 26.706 ug/l
RT: 5.322 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

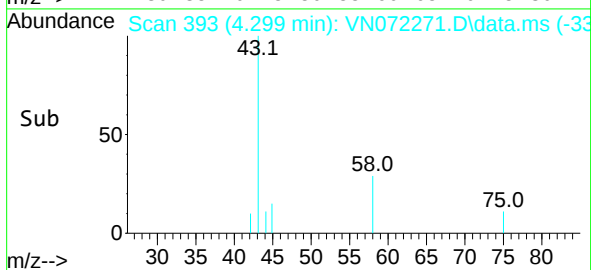
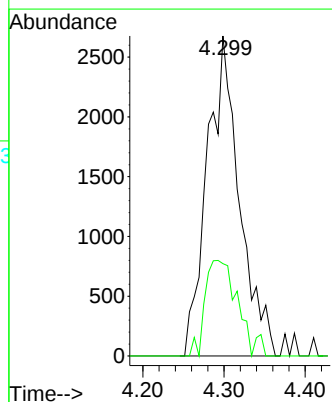
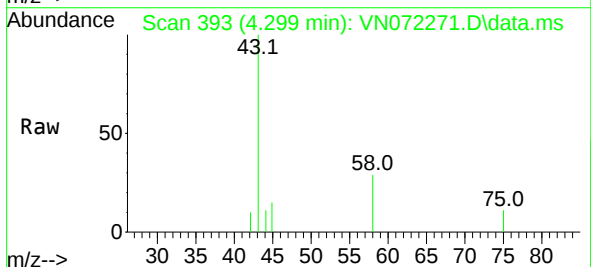
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28

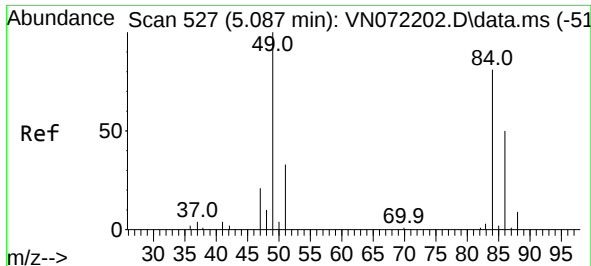
Tgt Ion: 59 Resp: 12478
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 6.047 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

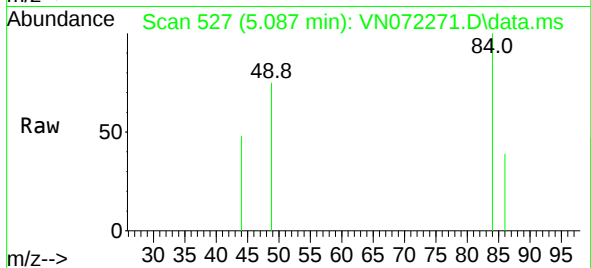
Tgt Ion: 43 Resp: 7412
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0





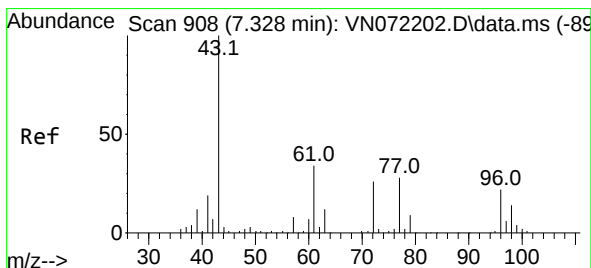
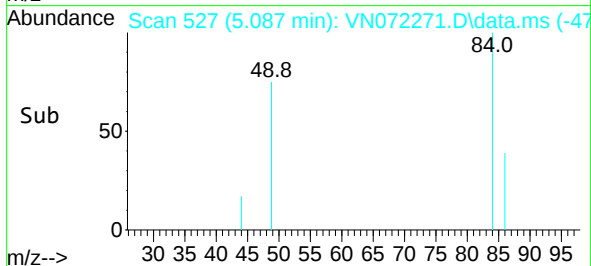
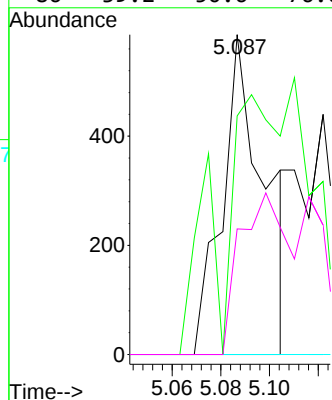
#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28



Tgt Ion: 84 Resp: 709

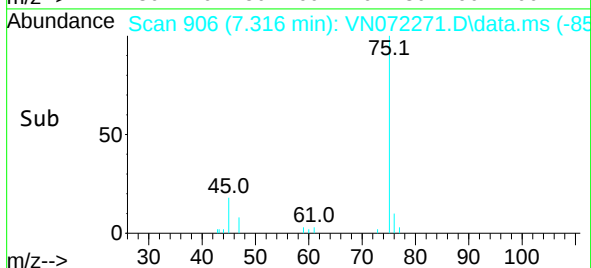
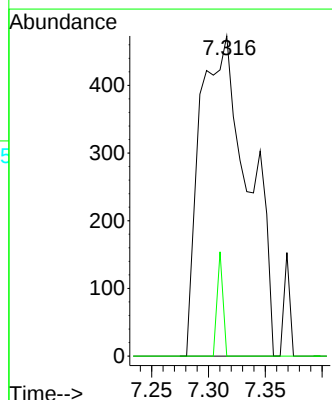
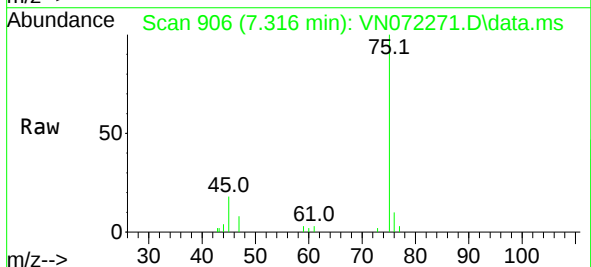
Ion	Ratio	Lower	Upper
84	100		
49	74.6	88.3	132.5#
51	0.0	28.2	42.2#
86	39.2	50.6	76.0#

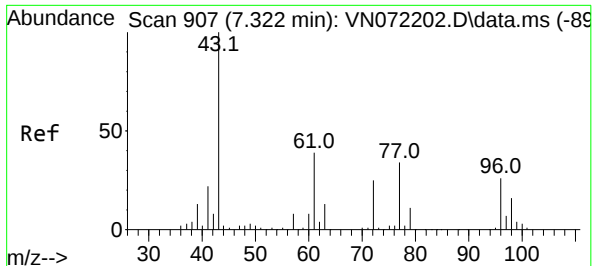


#25
2-Butanone
Concen: 0.715 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 43 Resp: 1396

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#26

2,2-Dichloropropane

Concen: 0.370 ug/l

RT: 7.310 min Scan# 907

Delta R.T. -0.012 min

Lab File: VN072271.D

Acq: 29 Apr 2022 15:46

Instrument :

MSVOA_N

ClientSampleId :

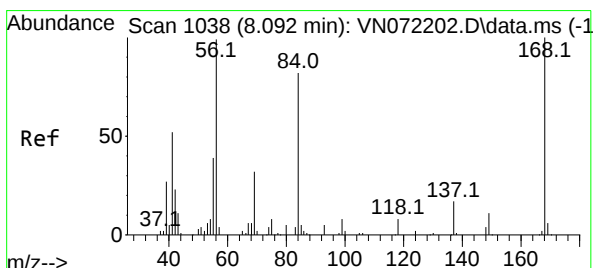
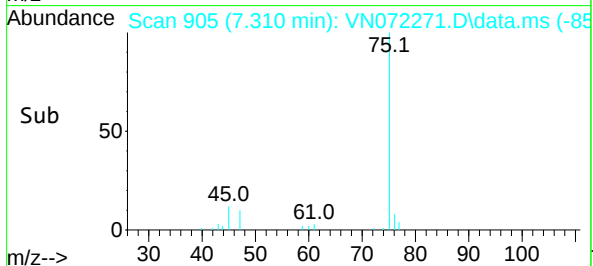
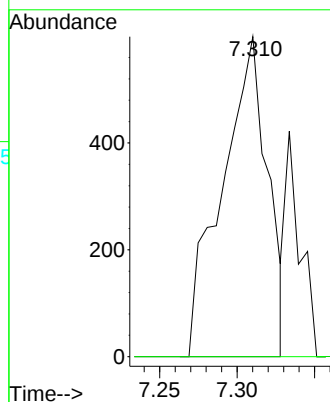
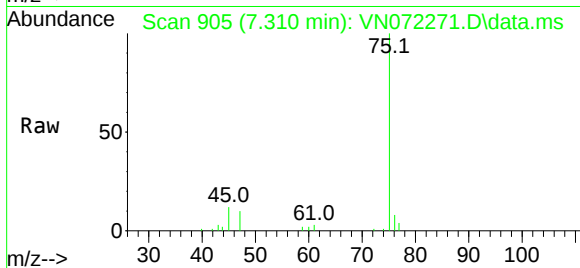
EB-2022-04-28

Tgt Ion: 77 Resp: 1222

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072271.D

Acq: 29 Apr 2022 15:46

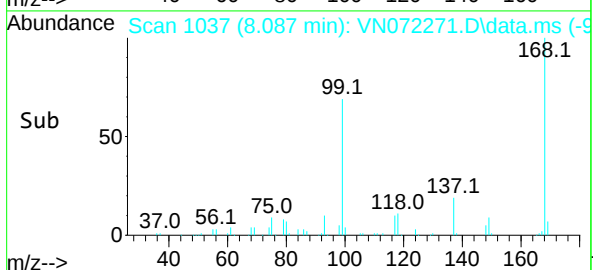
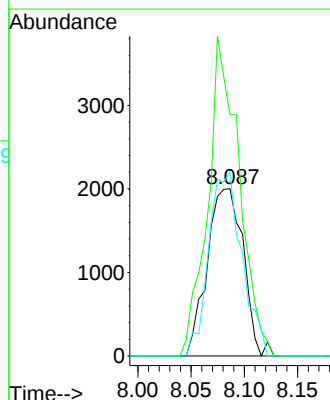
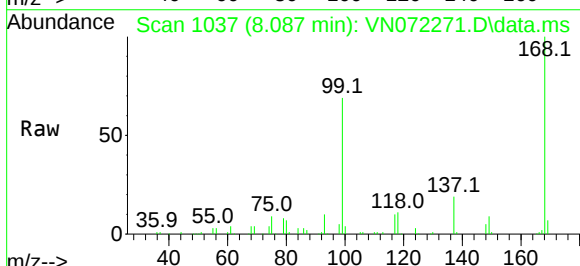
Tgt Ion: 56 Resp: 4712

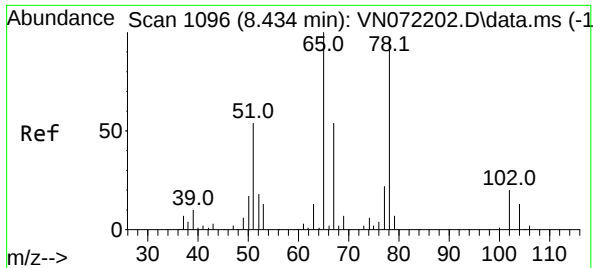
Ion Ratio Lower Upper

56 100

69 144.3 27.8 41.8#

84 109.8 76.9 115.3

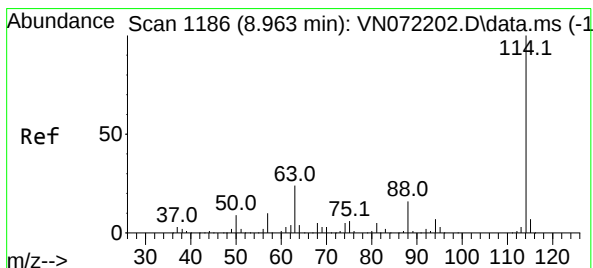
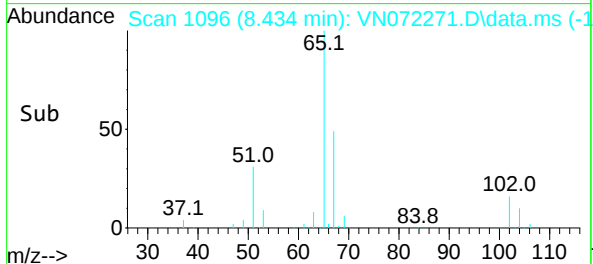
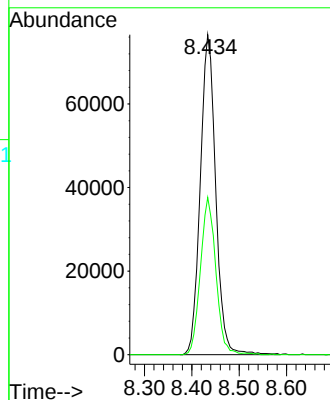
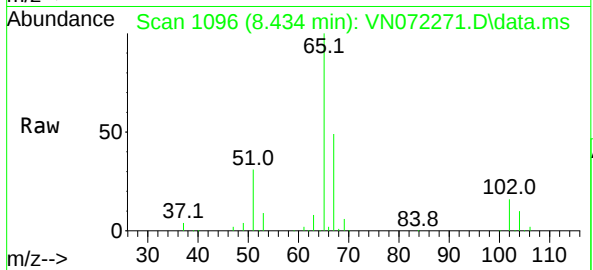




#33
1,2-Dichloroethane-d4
Concen: 60.946 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

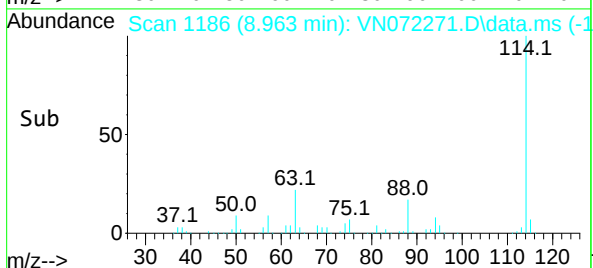
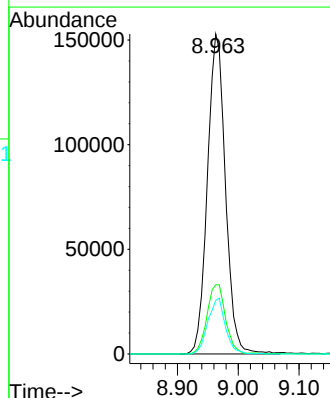
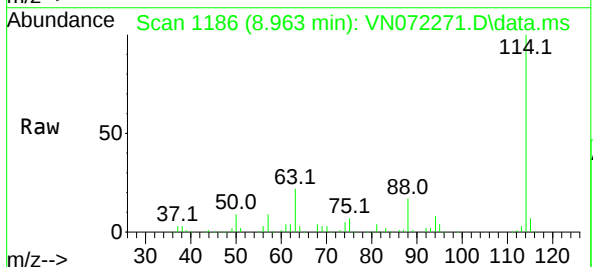
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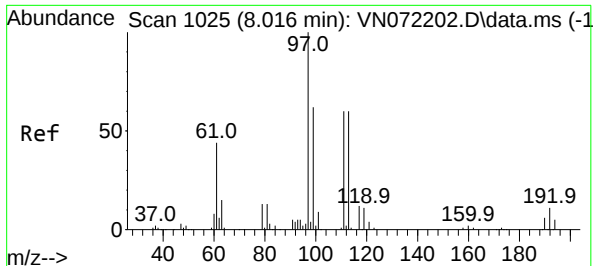
Tgt Ion: 65 Resp: 173278
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 114 Resp: 315203
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.447 ug/l

RT: 8.016 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VN072271.D

Acq: 29 Apr 2022 15:46

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-04-28

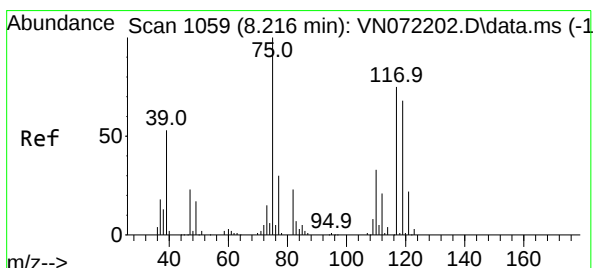
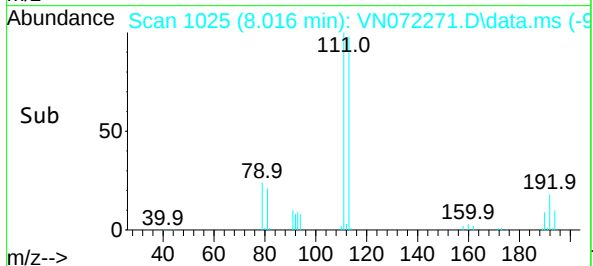
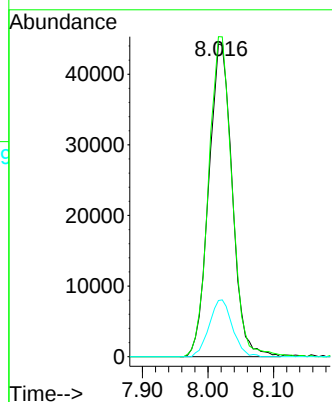
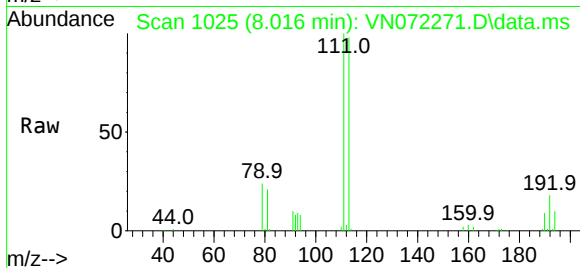
Tgt Ion:113 Resp: 109846

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 17.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.508 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.129 min

Lab File: VN072271.D

Acq: 29 Apr 2022 15:46

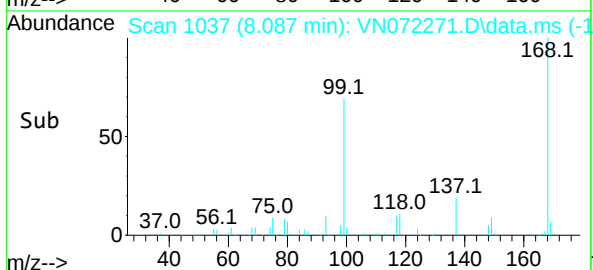
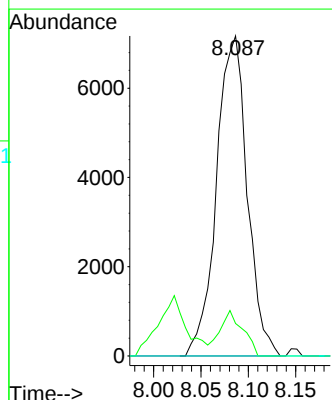
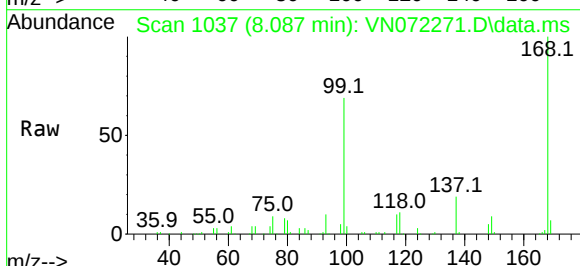
Tgt Ion: 75 Resp: 16174

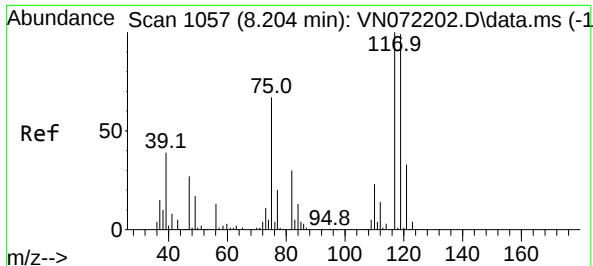
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

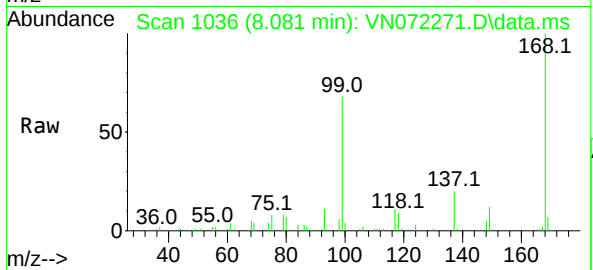
77 0.0 25.1 37.7#



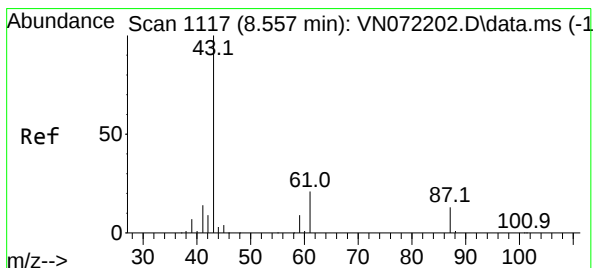
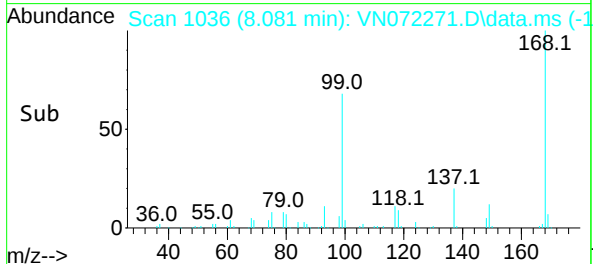
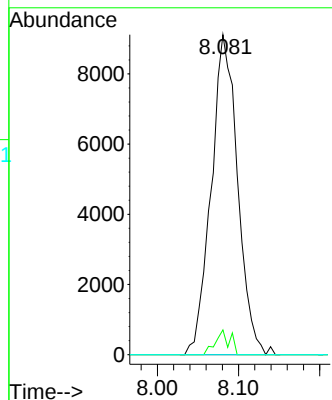


#38
Carbon Tetrachloride
Concen: 6.575 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072271.D
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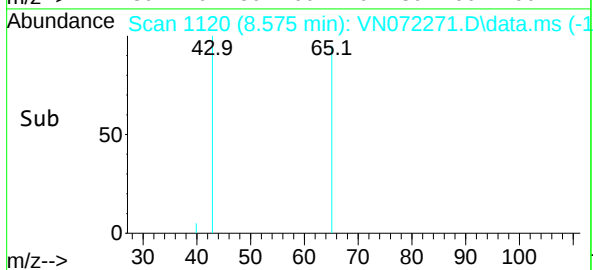
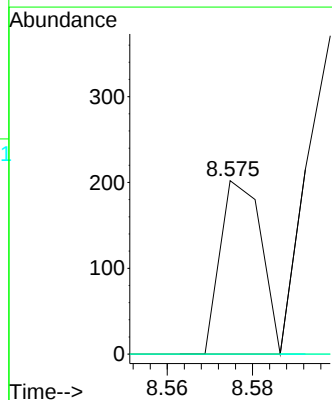
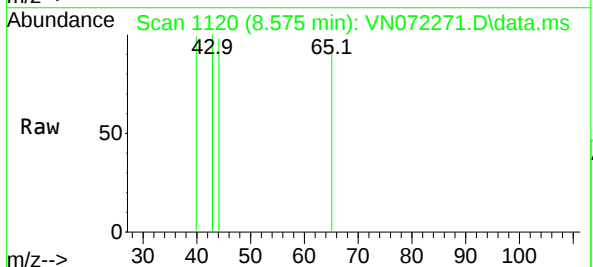


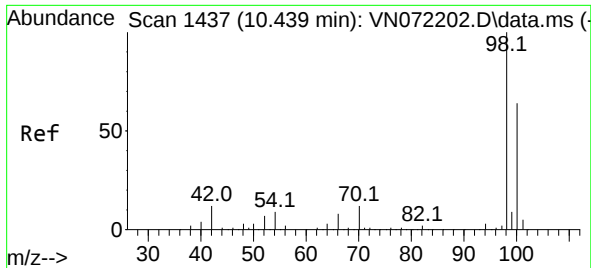
Tgt Ion: 117 Resp: 20678
Ion Ratio Lower Upper
117 100
119 7.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.823 ug/l
RT: 8.575 min Scan# 1120
Delta R.T. 0.018 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

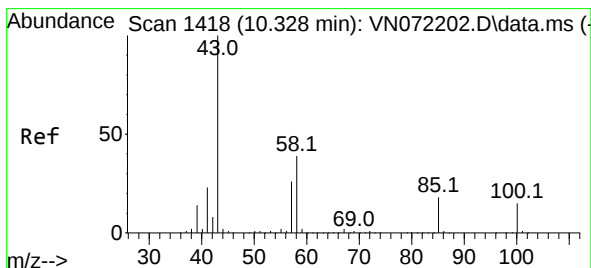
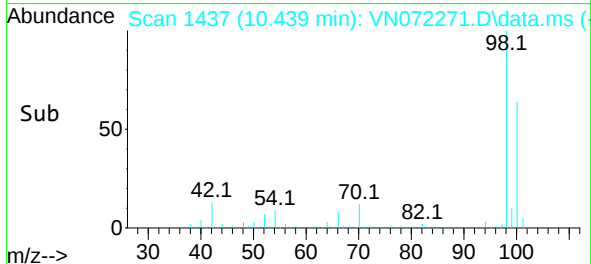
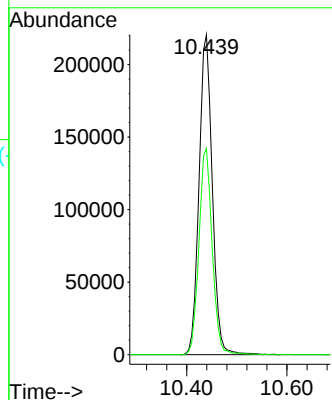
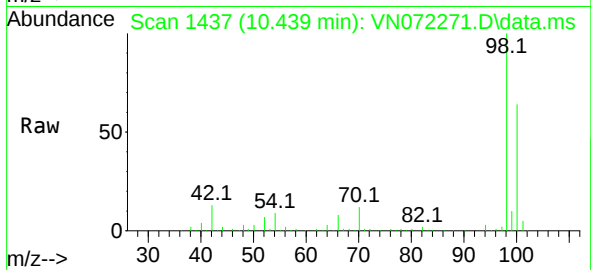




#50
Toluene-d8
Concen: 50.961 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

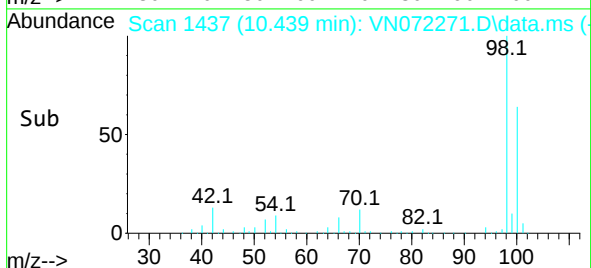
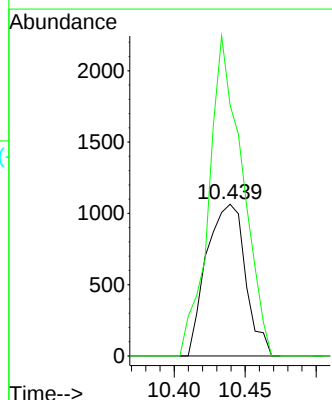
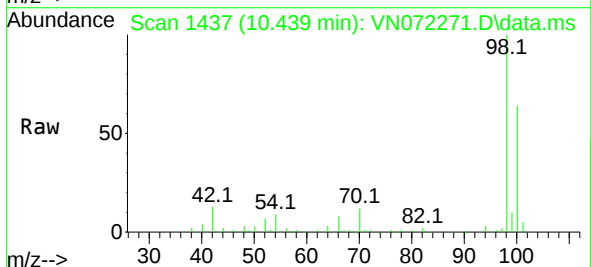
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28

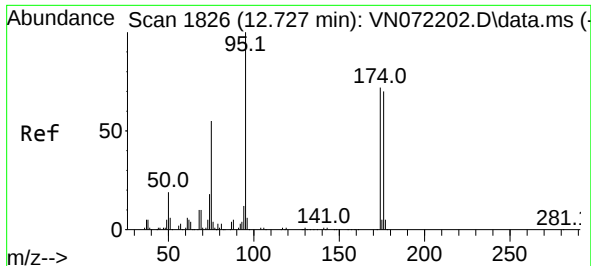
Tgt Ion: 98 Resp: 403994
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.111 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
58 181.9 34.1 51.1#

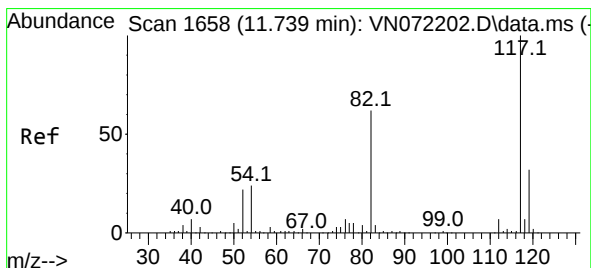
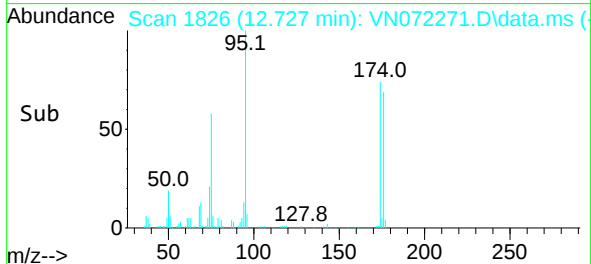
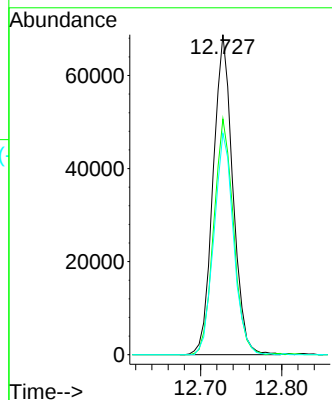
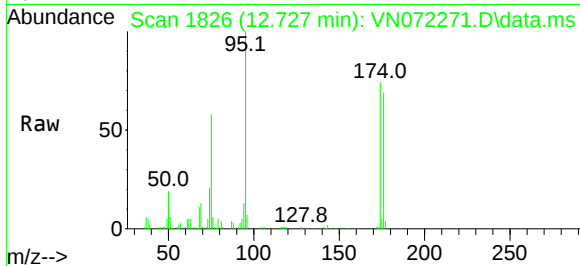




#62
4-Bromofluorobenzene
Concen: 44.047 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

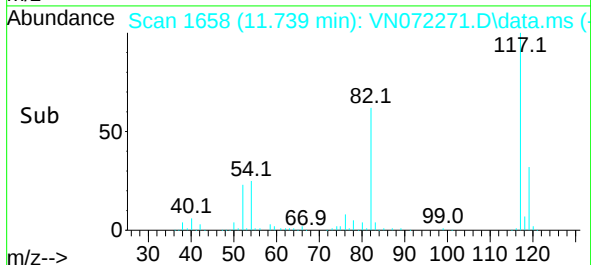
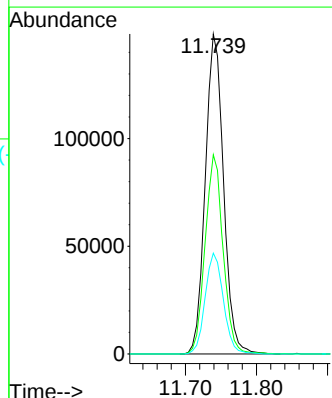
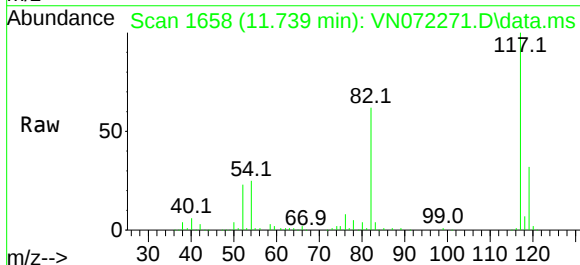
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28

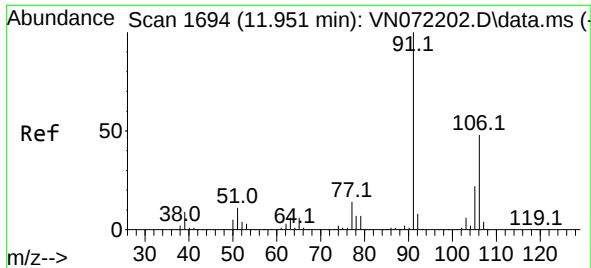
Tgt Ion: 95 Resp: 115900
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 69.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion: 117 Resp: 265669
Ion Ratio Lower Upper
117 100
82 62.3 44.2 66.2
119 31.5 25.4 38.0

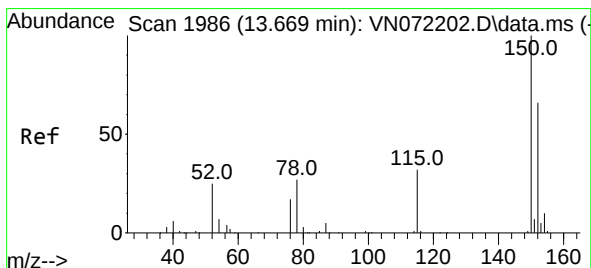
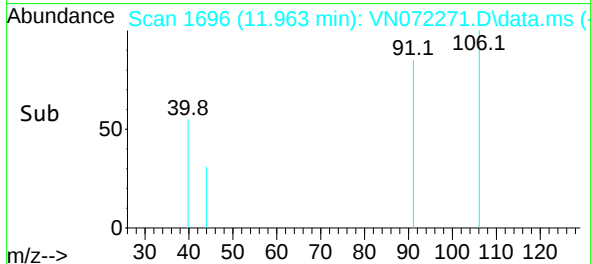
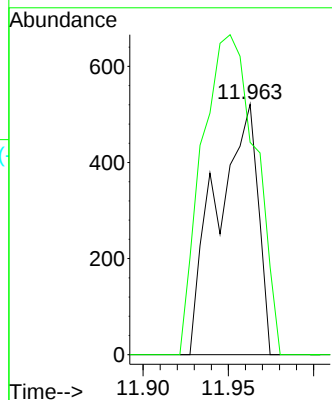
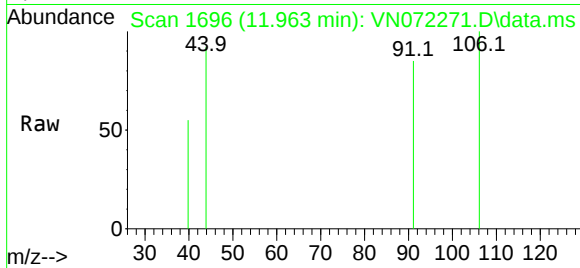




#68
m/p-Xylenes
Concen: 0.252 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

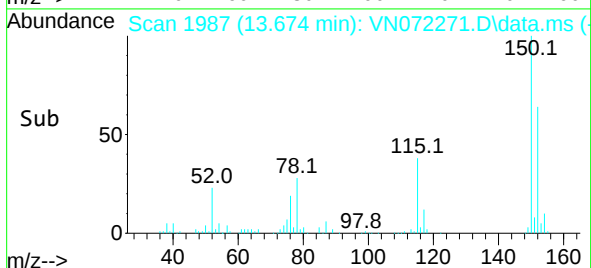
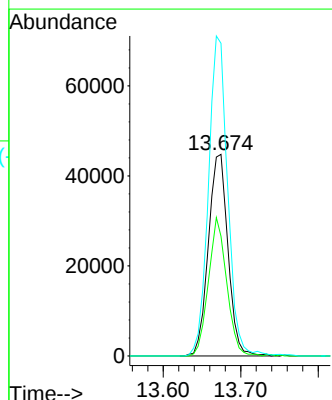
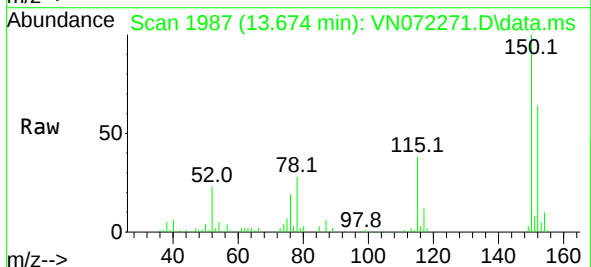
Instrument :
MSVOA_N
ClientSampleId :
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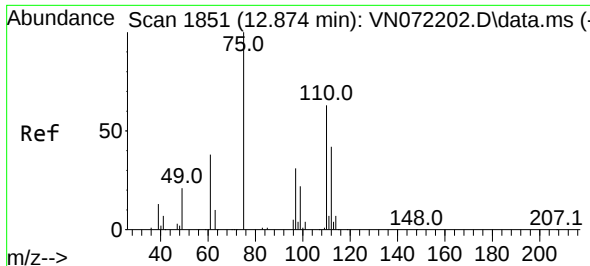
Tgt Ion:106 Resp: 877
Ion Ratio Lower Upper
106 100
91 165.8 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Tgt Ion:152 Resp: 78904
Ion Ratio Lower Upper
152 100
115 63.7 28.9 86.7
150 155.1 0.0 356.2

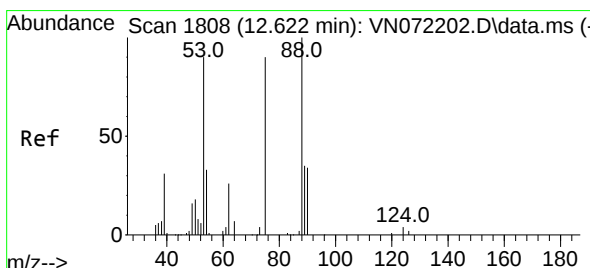
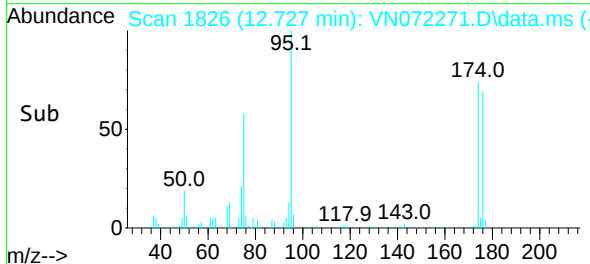
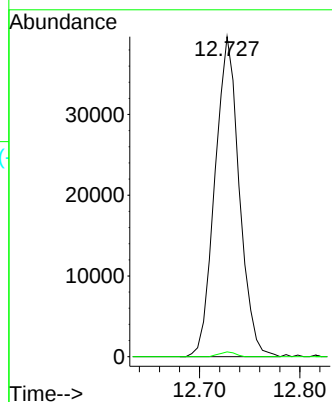
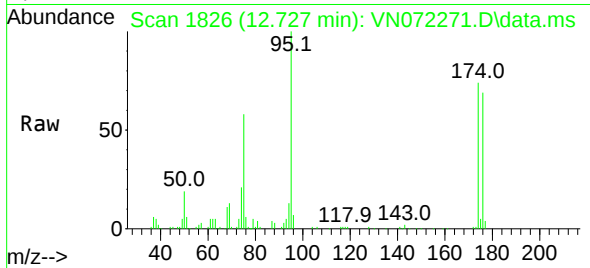




#76
1,2,3-Trichloropropane
Concen: 37.435 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

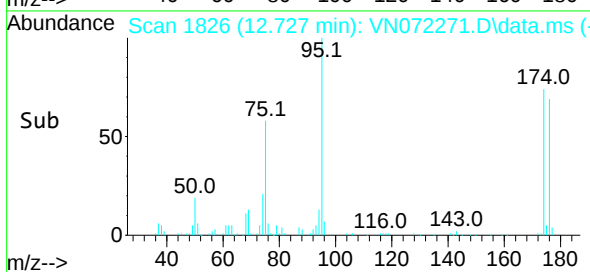
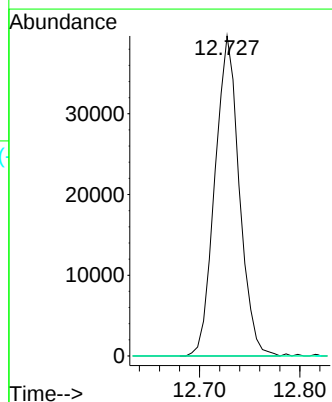
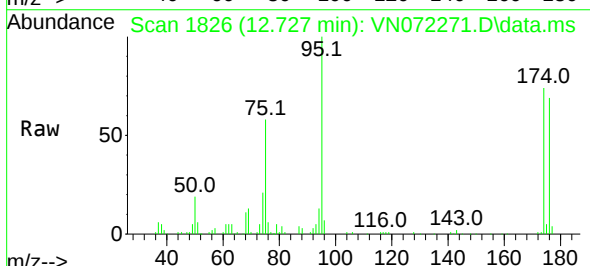
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-04-28

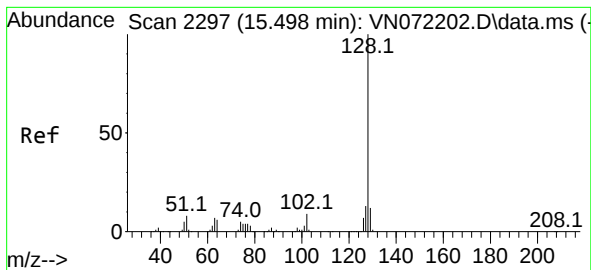
Tgt Ion: 75 Resp: 66845
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.955 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

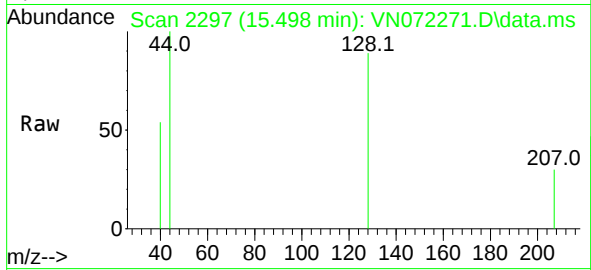
Tgt Ion: 75 Resp: 66845
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 4.422 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072271.D
Acq: 29 Apr 2022 15:46

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 546
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

