

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072420.D
 Acq On : 11 May 2022 16:28
 Operator : JC\MD
 Sample : N2791-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-05-11

Quant Time: May 12 02:13:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

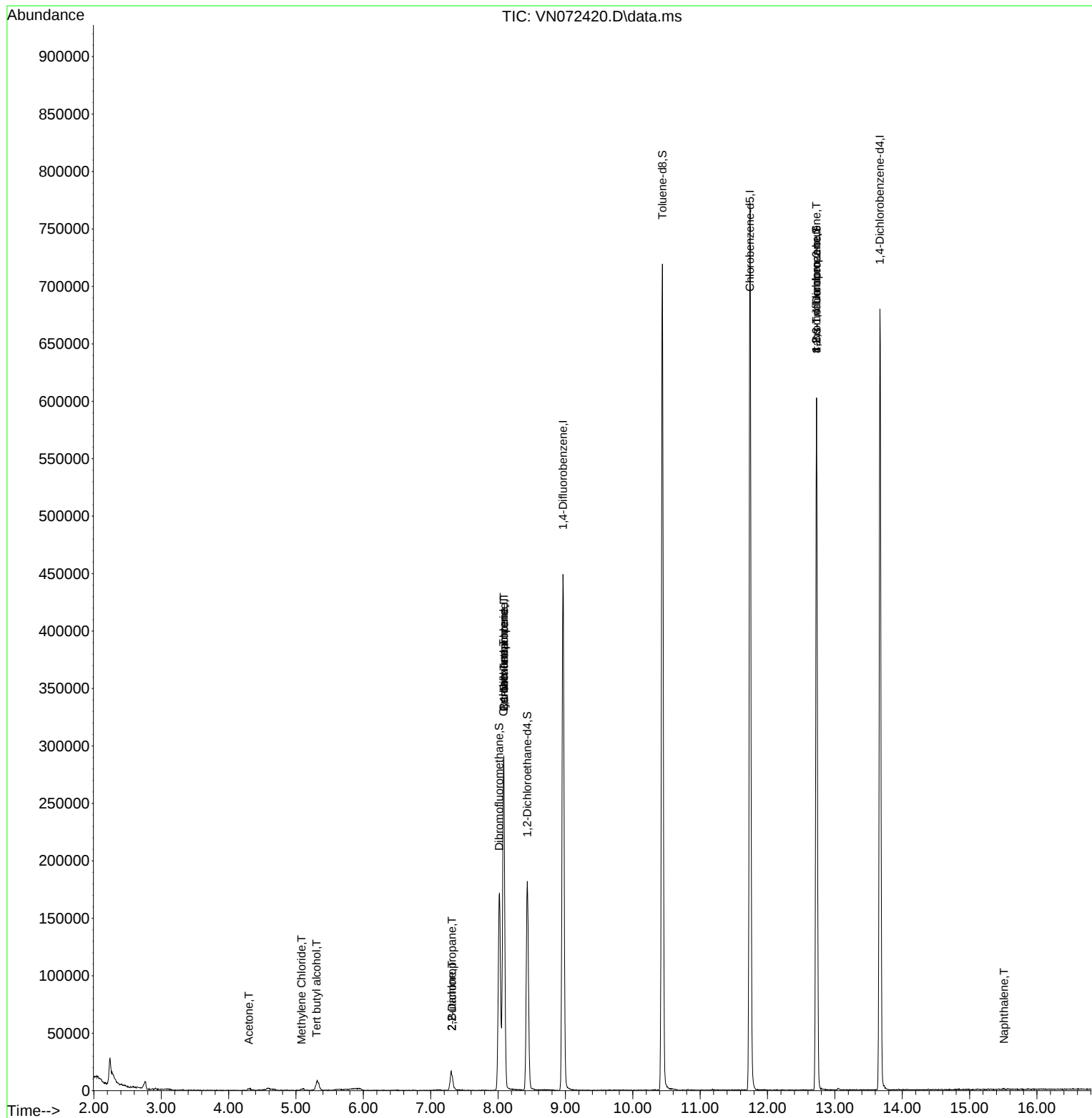
Internal Standards						
1) Pentafluorobenzene	8.087	168	210139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	390009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	433881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	182642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	164402	51.078	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.160%		
35) Dibromofluoromethane	8.016	113	124730	48.071	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.140%		
50) Toluene-d8	10.439	98	489855	49.570	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.140%		
62) 4-Bromofluorobenzene	12.727	95	203257	61.933	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 123.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	842	Below Cal	#	43
6) Chloroethane	3.005	64	262	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	7858	14.931	ug/l #	72
16) Acetone	4.299	43	2001	1.570	ug/l #	42
20) Methylene Chloride	5.081	84	890	0.341	ug/l #	70
25) 2-Butanone	7.316	43	1308	0.650	ug/l #	45
26) 2,2-Dichloropropane	7.316	77	1074	0.283	ug/l #	53
31) Cyclohexane	8.081	56	4377	1.026	ug/l #	34
36) 1,1-Dichloropropene	8.087	75	16858	4.524	ug/l #	52
38) Carbon Tetrachloride	8.087	117	21360	5.121	ug/l #	15
76) 1,2,3-Trichloropropane	12.727	75	111461	23.398	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	111461	78.057	ug/l #	10
95) Naphthalene	15.510	128	749	3.257	ug/l #	69

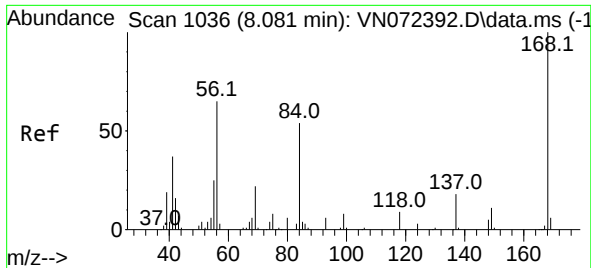
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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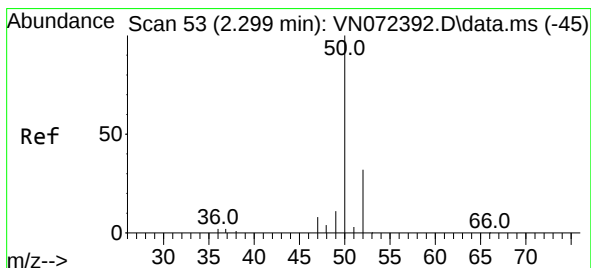
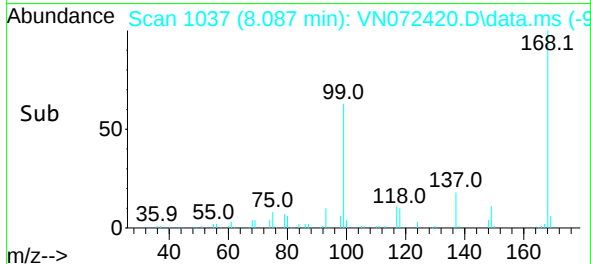
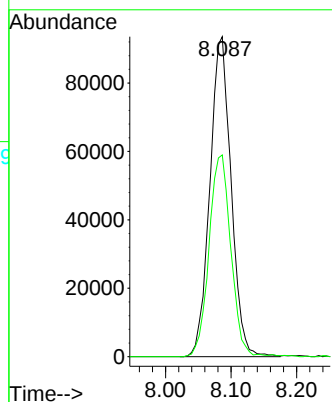
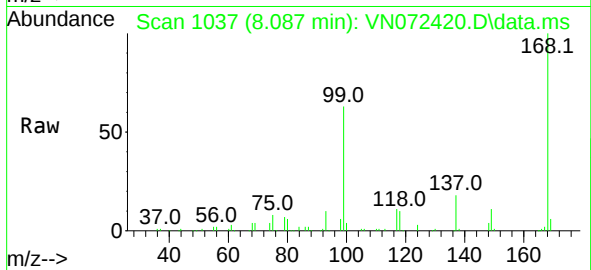




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

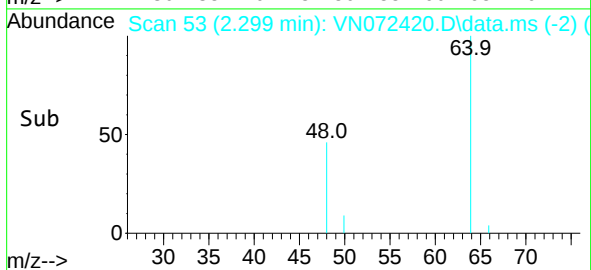
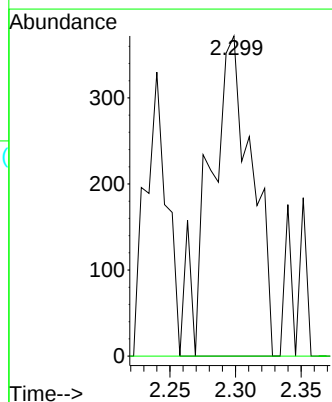
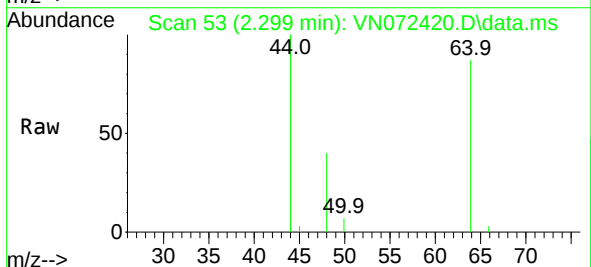
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11

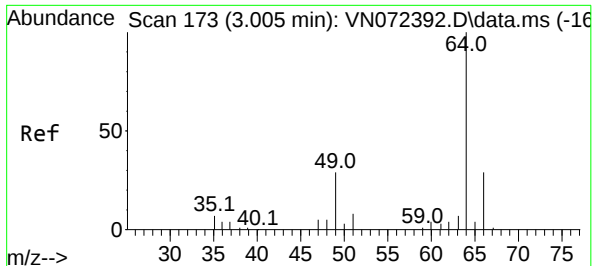
Tgt Ion:168 Resp: 210139
Ion Ratio Lower Upper
168 100
99 63.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Tgt Ion: 50 Resp: 842
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

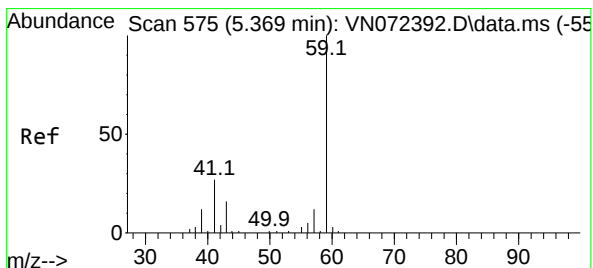
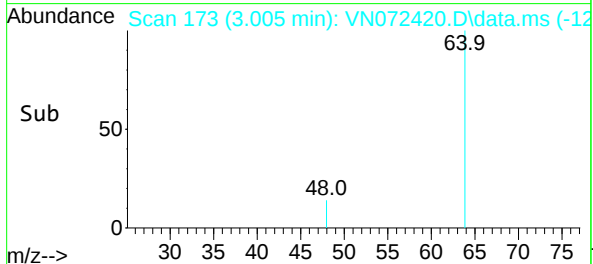
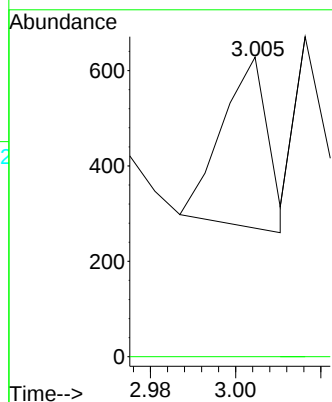
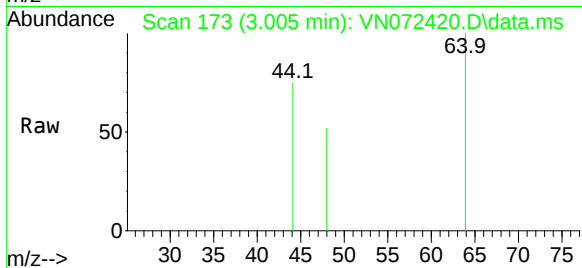




#6
Chloroethane
Concen: Below Cal
RT: 3.005 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

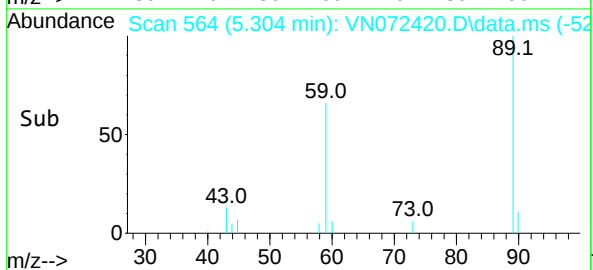
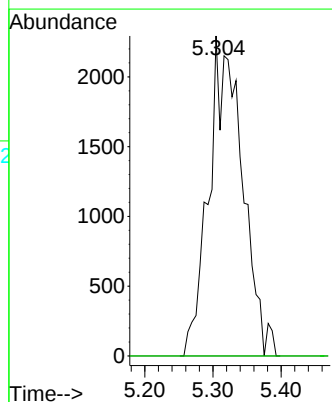
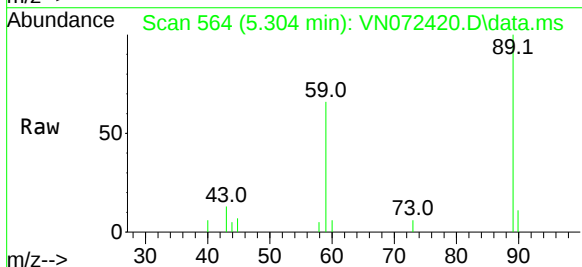
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11

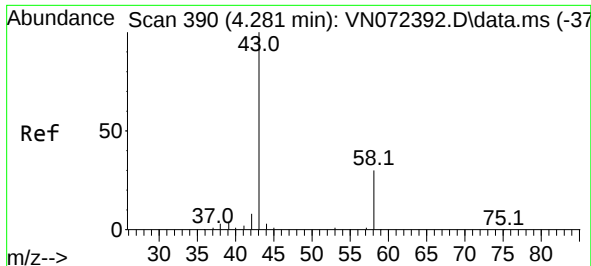
Tgt Ion: 64 Resp: 262
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 14.931 ug/l
RT: 5.304 min Scan# 564
Delta R.T. -0.065 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Tgt Ion: 59 Resp: 7858
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

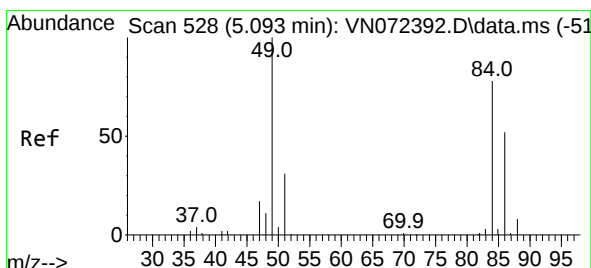
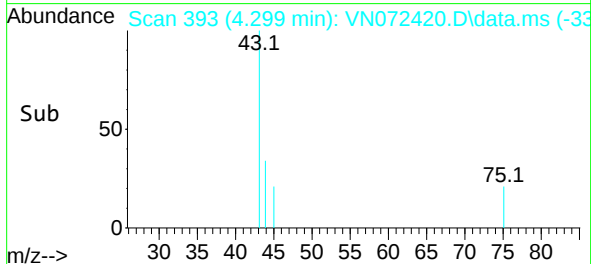
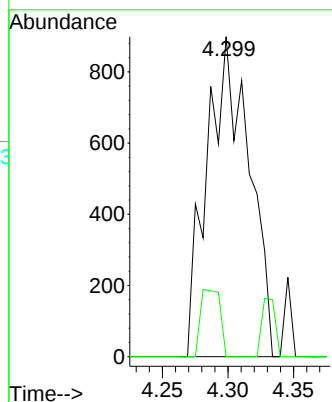
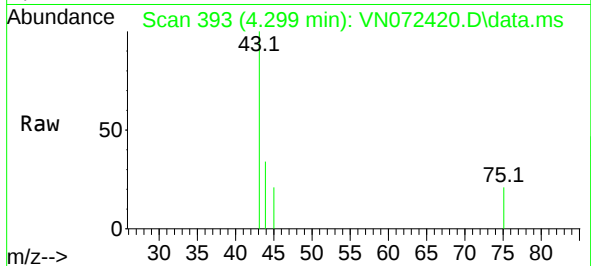




#16
Acetone
Concen: 1.570 ug/l
RT: 4.299 min Scan# 390
Delta R.T. 0.018 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

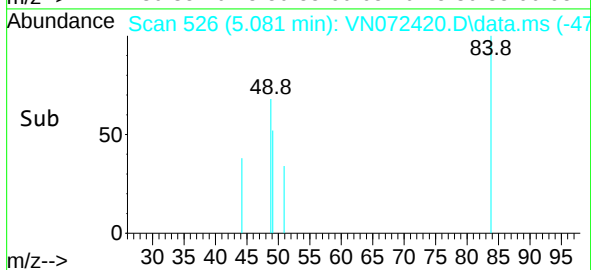
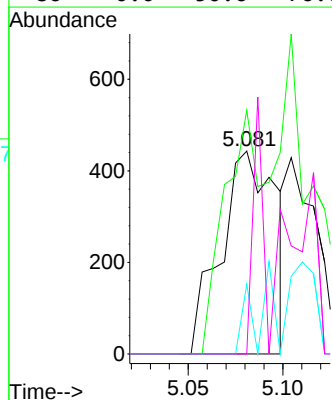
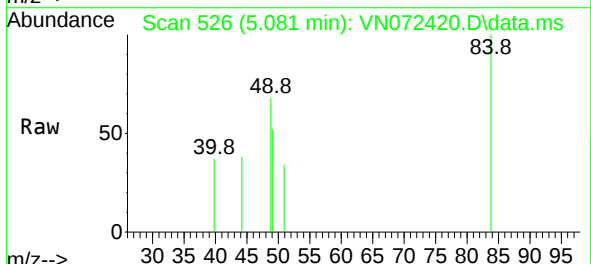
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11

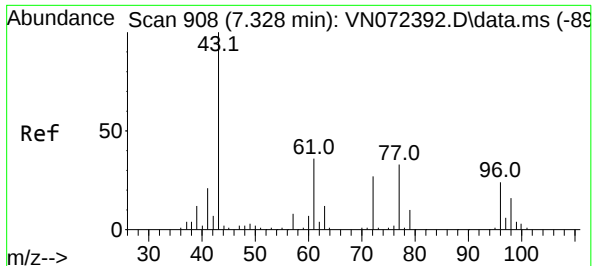
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Tgt Ion: 84 Resp: 890
Ion Ratio Lower Upper
84 100
49 120.1 88.3 132.5
51 34.3 28.2 42.2
86 0.0 50.6 76.0#





#25

2-Butanone

Concen: 0.650 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.012 min

Lab File: VN072420.D

Acq: 11 May 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

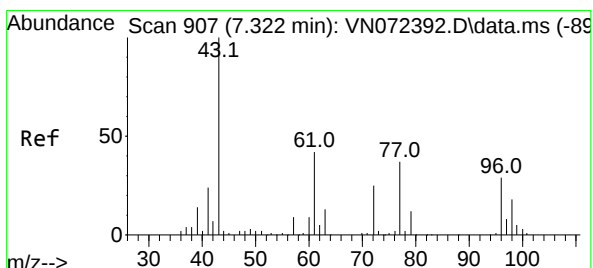
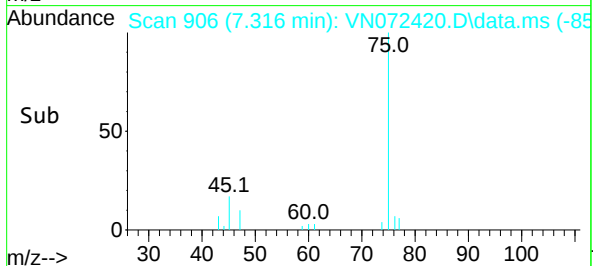
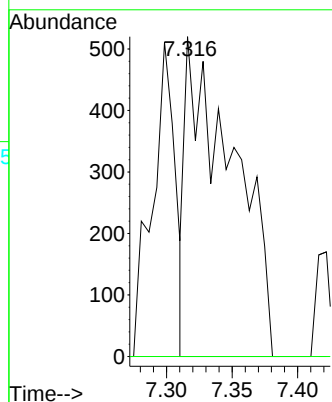
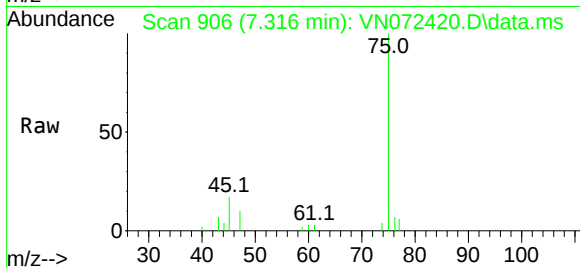
EB-2022-05-11

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.283 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072420.D

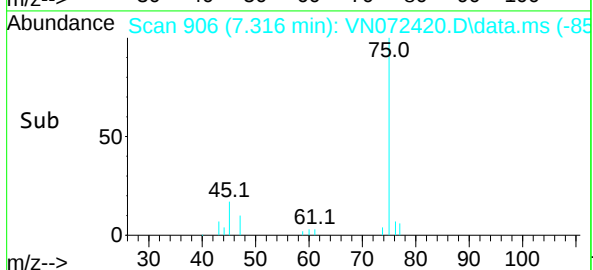
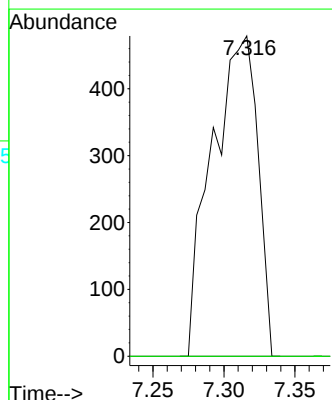
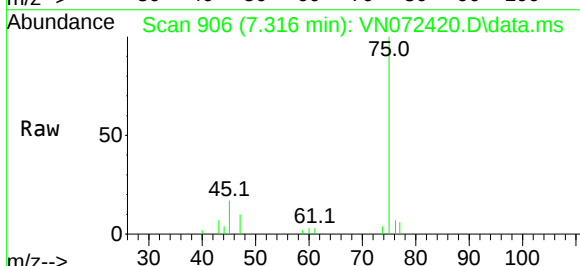
Acq: 11 May 2022 16:28

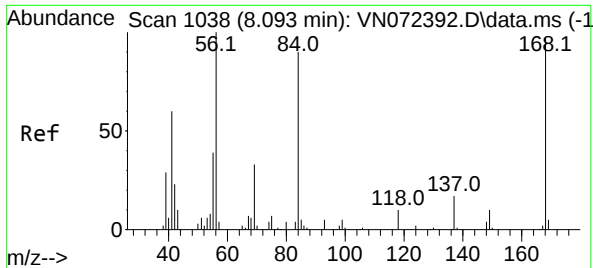
Tgt Ion: 77 Resp: 1074

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

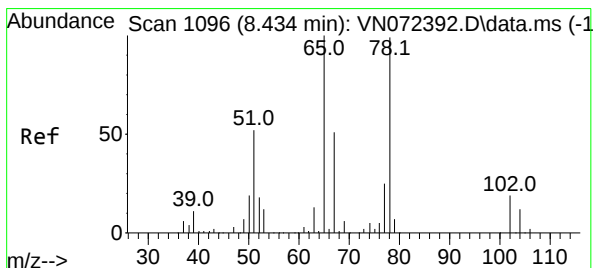
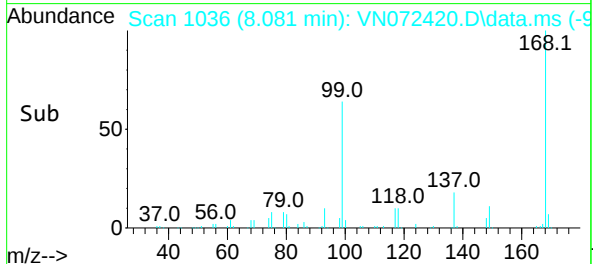
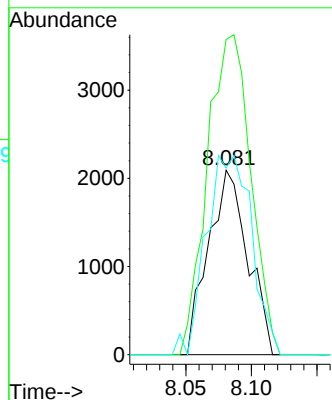
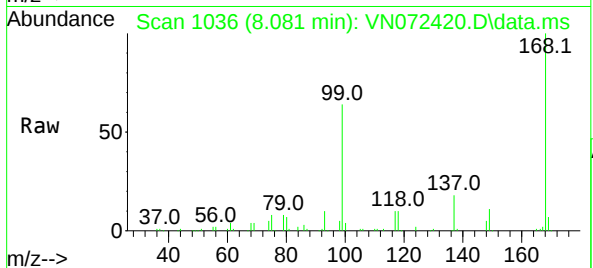




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

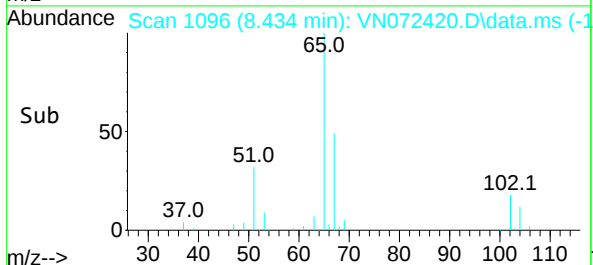
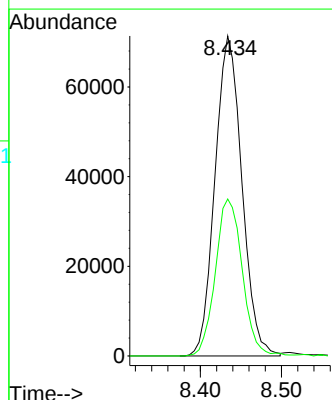
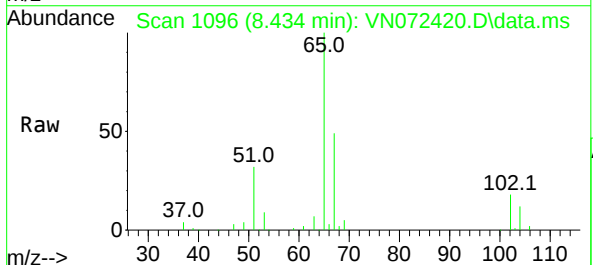
Instrument :
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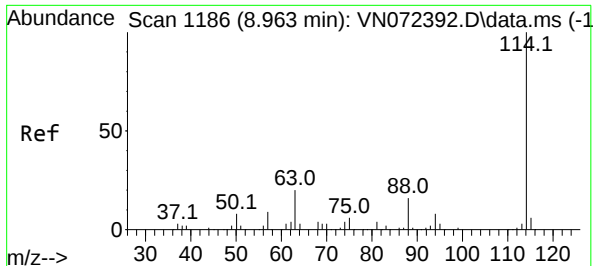
Tgt Ion: 56 Resp: 4377
Ion Ratio Lower Upper
56 100
69 170.8 27.8 41.8#
84 101.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.078 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Tgt Ion: 65 Resp: 164402
Ion Ratio Lower Upper
65 100
67 49.1 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: VN072420.D

Acq: 11 May 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-05-11

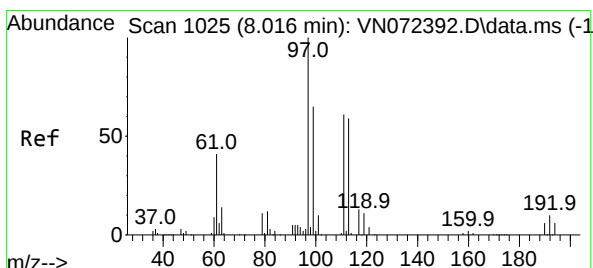
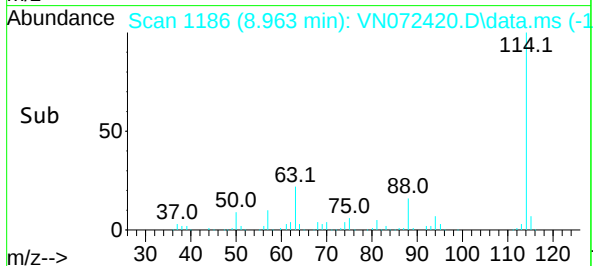
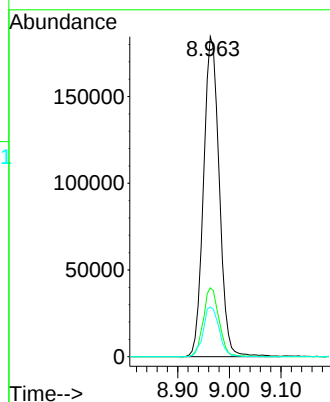
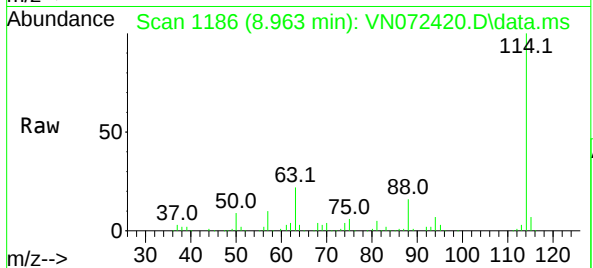
Tgt Ion:114 Resp: 390009

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.071 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072420.D

Acq: 11 May 2022 16:28

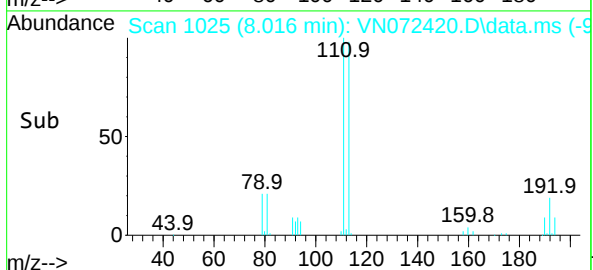
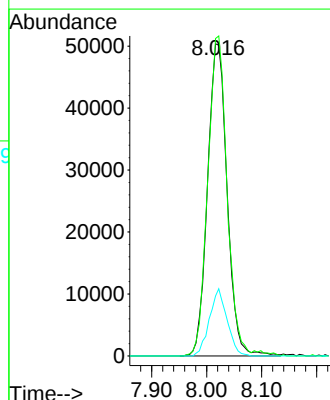
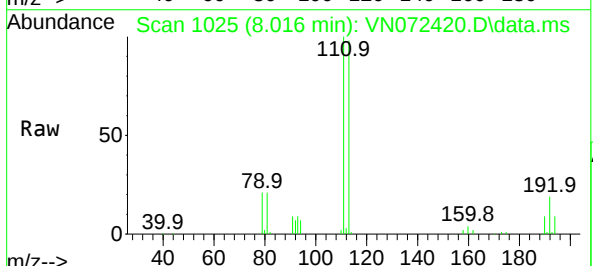
Tgt Ion:113 Resp: 124730

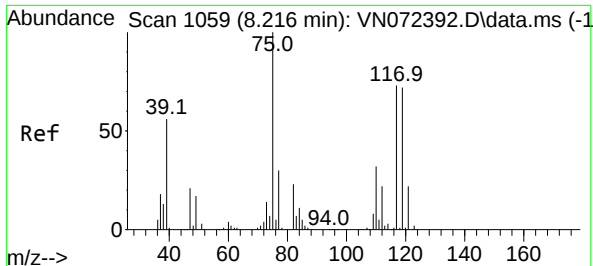
Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.0

192 19.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.129 min

Lab File: VN072420.D

Acq: 11 May 2022 16:28

Instrument :

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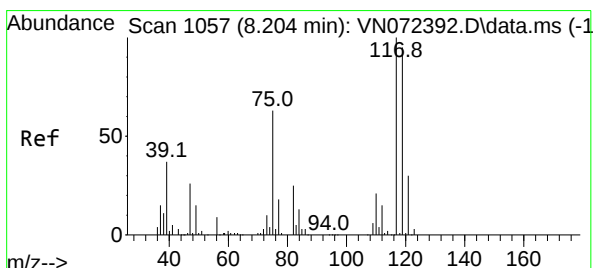
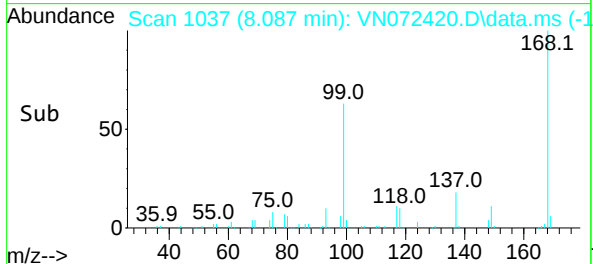
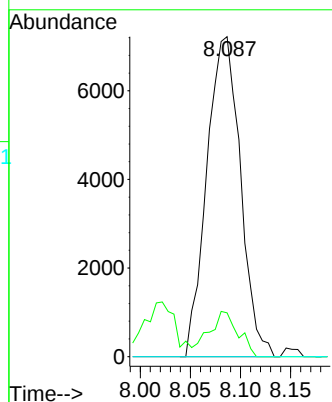
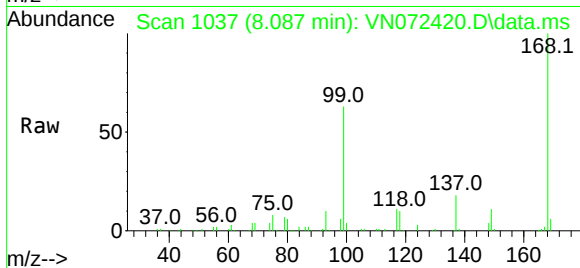
Tgt Ion: 75 Resp: 16858

Ion Ratio Lower Upper

75 100

110 12.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.121 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.117 min

Lab File: VN072420.D

Acq: 11 May 2022 16:28

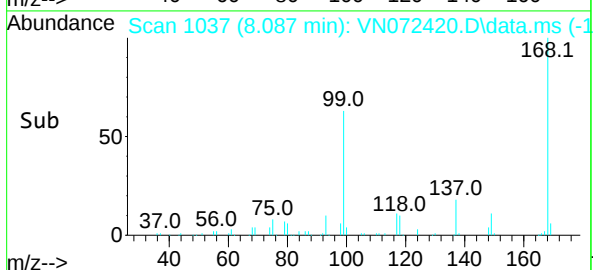
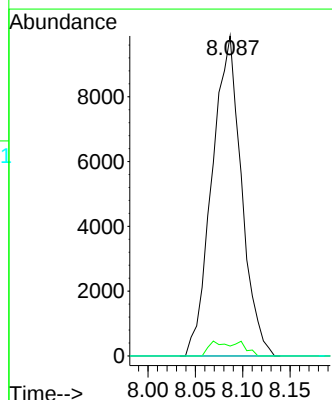
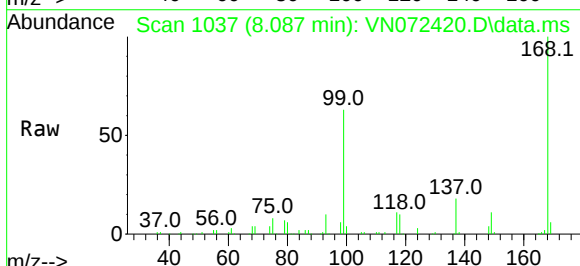
Tgt Ion: 117 Resp: 21360

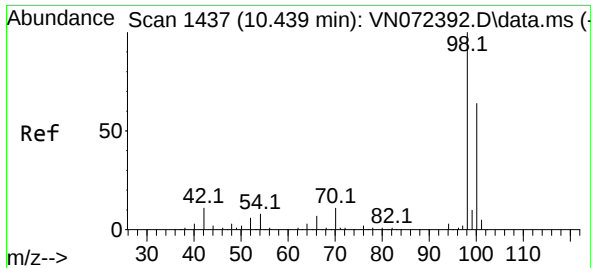
Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.8#

121 0.0 24.6 37.0#

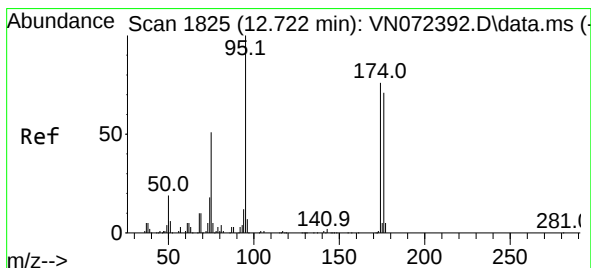
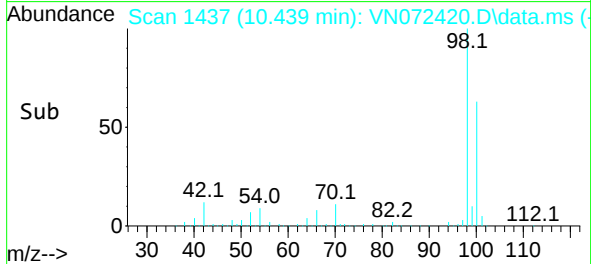
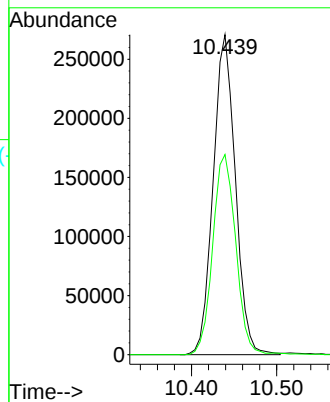
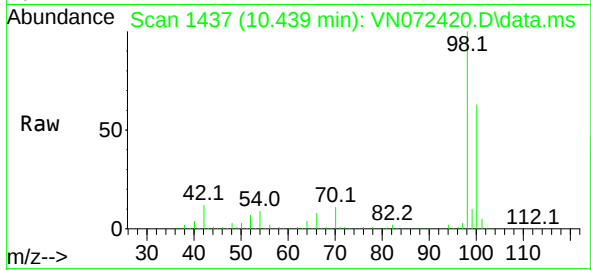




#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

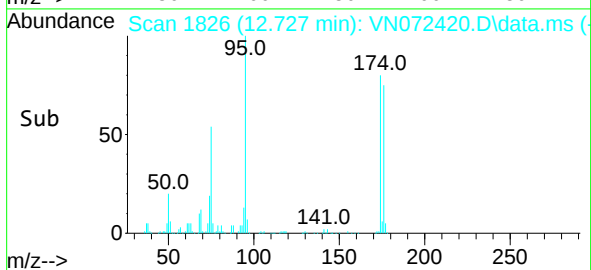
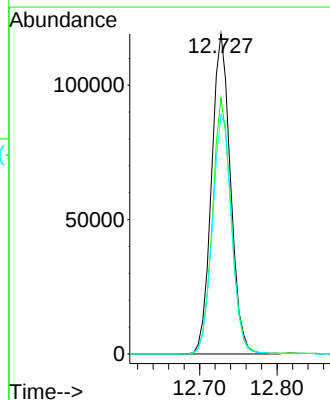
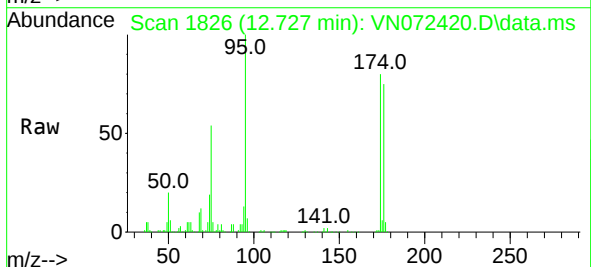
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11

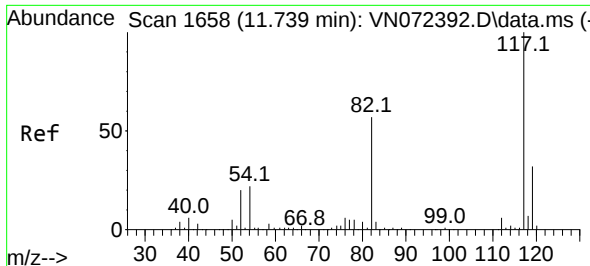
Tgt Ion: 98 Resp: 489855
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.933 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Tgt Ion: 95 Resp: 203257
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 75.8 0.0 163.4

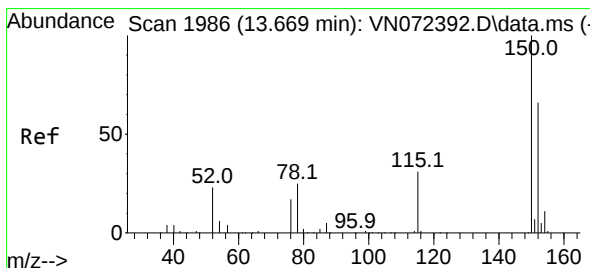
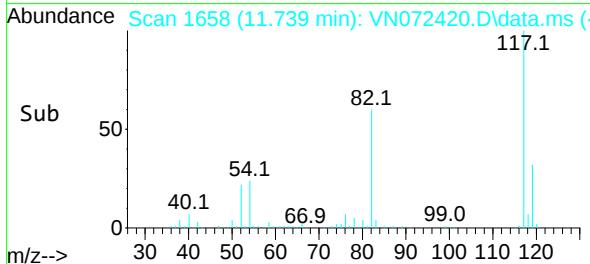
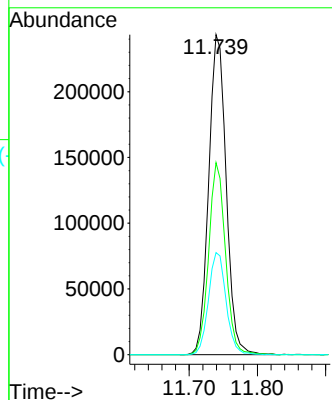
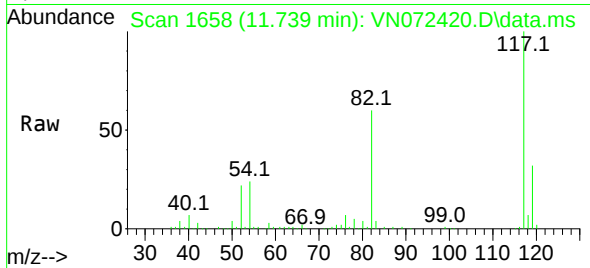




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

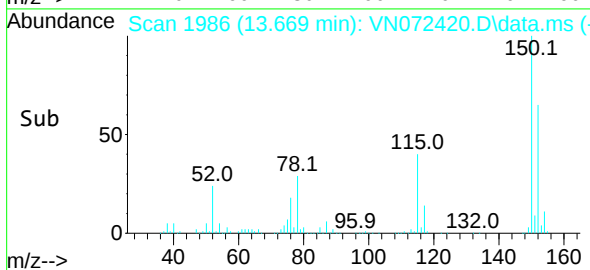
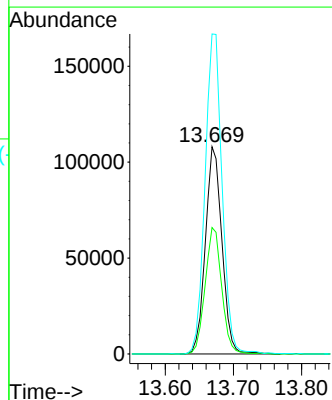
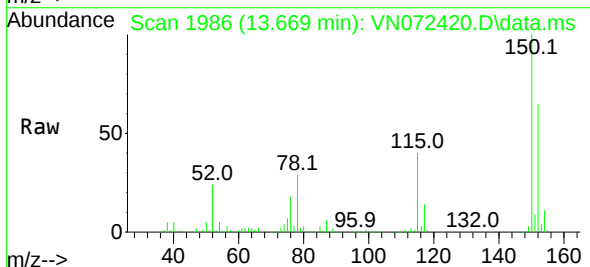
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11

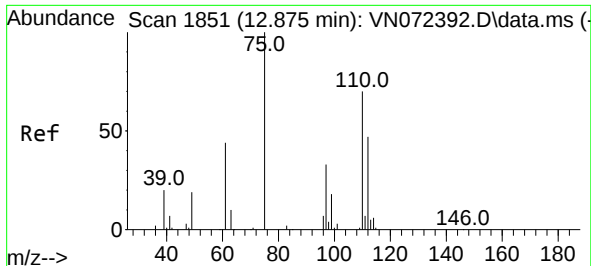
Tgt Ion:117 Resp: 433881
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Tgt Ion:152 Resp: 182642
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 159.1 0.0 356.2

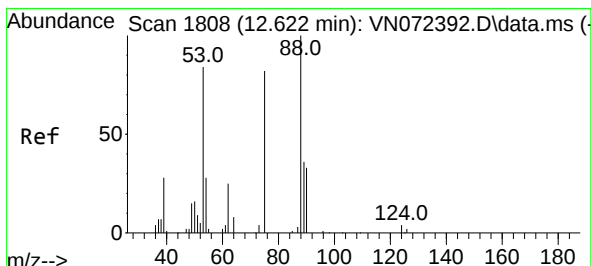
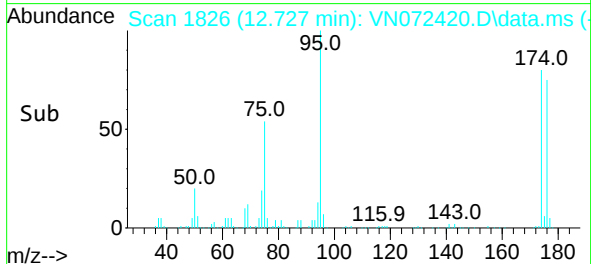
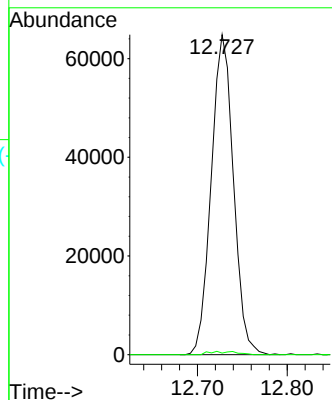
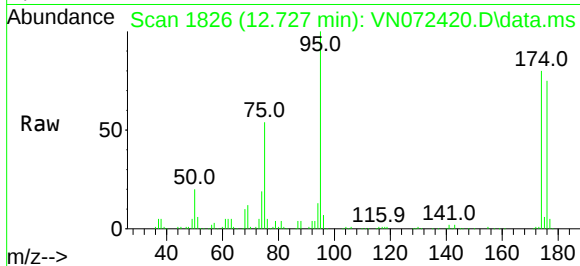




#76
1,2,3-Trichloropropane
Concen: 23.398 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

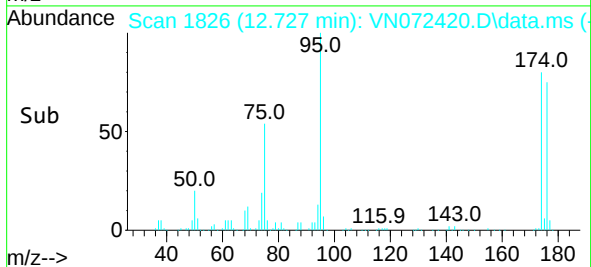
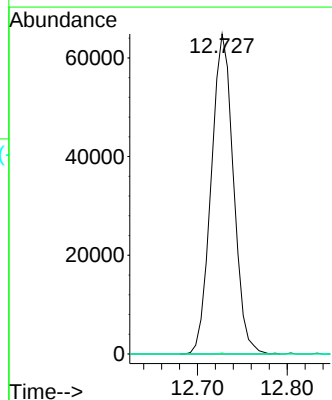
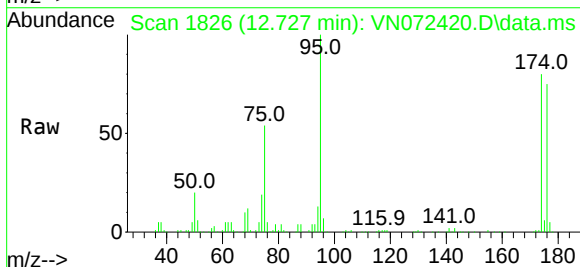
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11

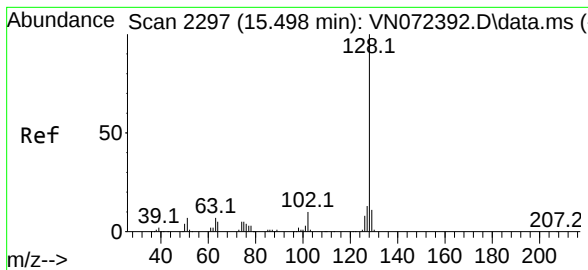
Tgt Ion: 75 Resp: 111461
Ion Ratio Lower Upper
75 100
77 0.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.057 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

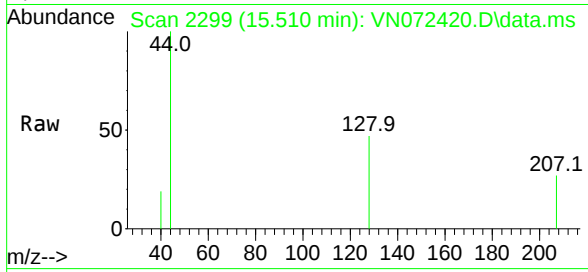
Tgt Ion: 75 Resp: 111461
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.257 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072420.D
Acq: 11 May 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-05-11



Tgt Ion:	128	Resp:	749
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

