

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072817.D
 Acq On : 14 Jun 2022 00:35
 Operator : JC\MD
 Sample : PB145459ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145459ZHE#08

Quant Time: Jun 14 05:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

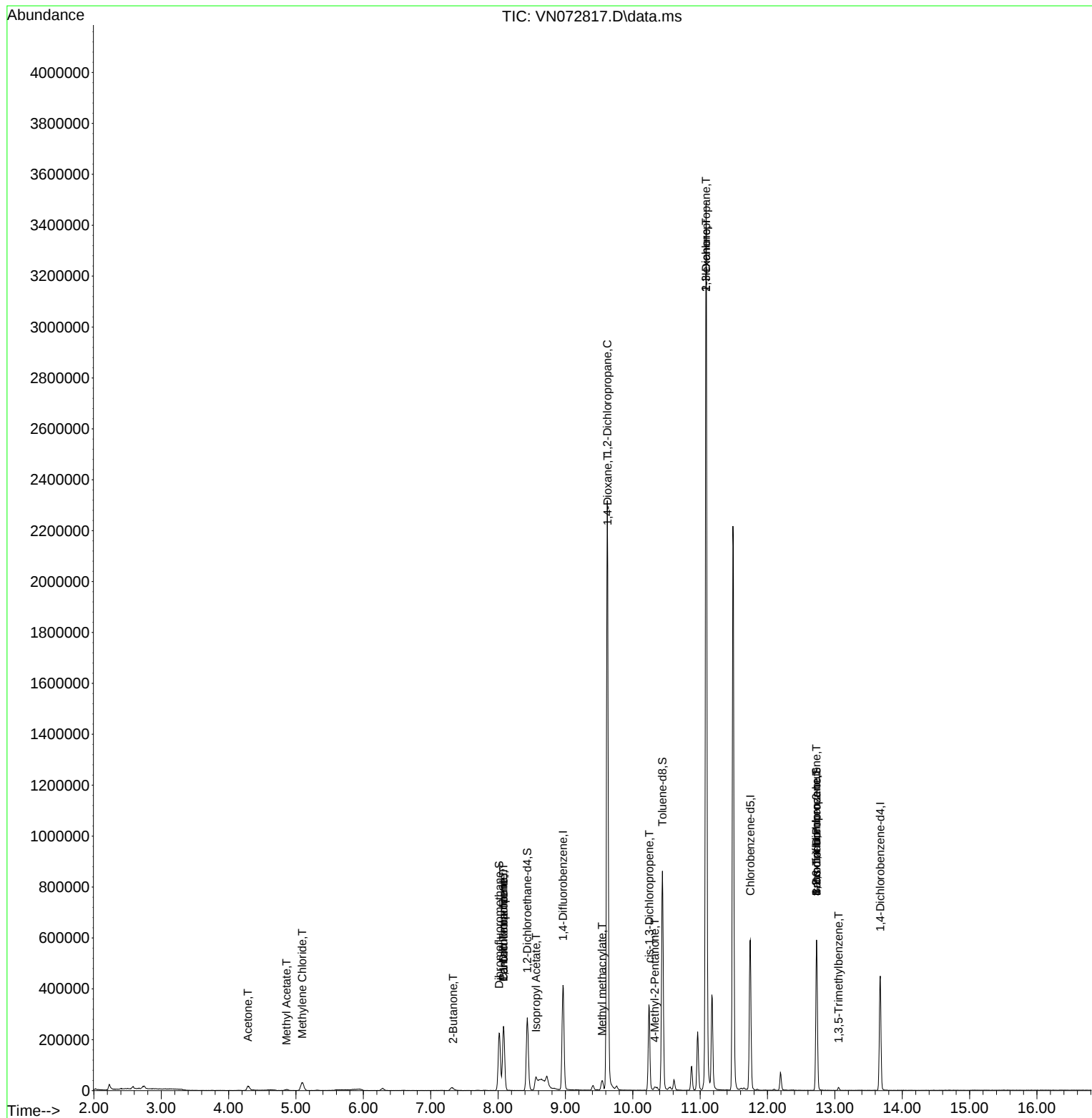
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	157327	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	326454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	304882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	105002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	237228	53.855	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.720%			
35) Dibromofluoromethane	8.016	113	161060	49.538	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.080%			
50) Toluene-d8	10.439	98	551257	42.219	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 84.440%			
62) 4-Bromofluorobenzene	12.727	95	194836	42.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.460%			
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	417	Below Cal	#	43
6) Chloroethane	2.987	64	367	Below Cal	#	42
13) Acrolein	4.046	56	60	Below Cal	#	16
16) Acetone	4.287	43	33504	16.749	ug/l	# 87
18) Methyl Acetate	4.857	43	8744	1.663	ug/l	# 86
20) Methylene Chloride	5.093	84	23105	7.309	ug/l	# 91
25) 2-Butanone	7.334	43	8094	2.580	ug/l	# 75
31) Cyclohexane	8.081	56	5856	Below Cal	#	45
36) 1,1-Dichloropropene	8.081	75	17217	3.800	ug/l	# 50
38) Carbon Tetrachloride	8.081	117	19291	4.062	ug/l	# 14
43) Isopropyl Acetate	8.563	43	68809	6.422	ug/l	# 72
45) 1,2-Dichloropropane	9.622	63	2734	0.724	ug/l	# 44
48) Methyl methacrylate	9.545	41	11238	2.260	ug/l	# 10
49) 1,4-Dioxane	9.628	88	206	2.425	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.328	43	9767	1.374	ug/l	# 83
54) cis-1,3-Dichloropropene	10.245	75	56387	9.511	ug/l	# 71
57) 1,3-Dichloropropane	11.086	76	35531	5.481	ug/l	# 42
59) 2-Hexanone	11.086	43	574299	109.084	ug/l	# 44
71) Bromoform	12.727	173	1194	0.536	ug/l	# 28
76) 1,2,3-Trichloropropane	12.727	75	117002	32.466	ug/l	# 1
80) 1,3,5-Trimethylbenzene	13.057	105	5324	0.615	ug/l	# 98
81) trans-1,4-Dichloro-2-b...	12.727	75	117002	98.953	ug/l	# 10

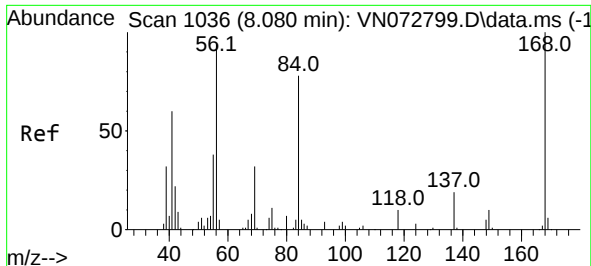
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
Data File : VN072817.D
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Sample : PB145459ZHE#08
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Quant Title : SW846 8260
QLast Update : Mon Jun 13 17:28:28 2022
Response via : Initial Calibration

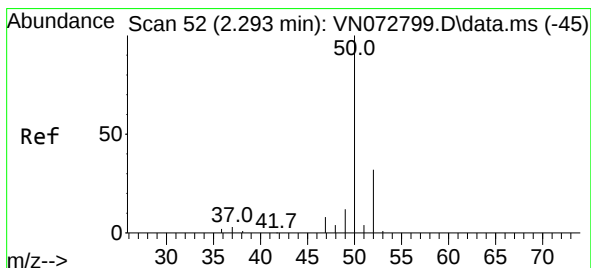
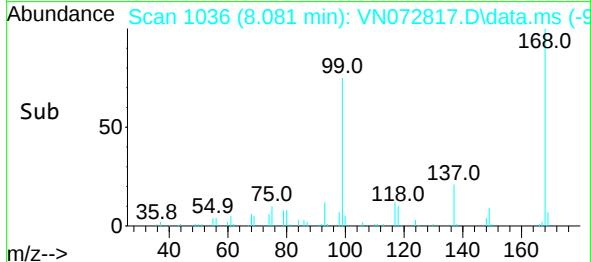
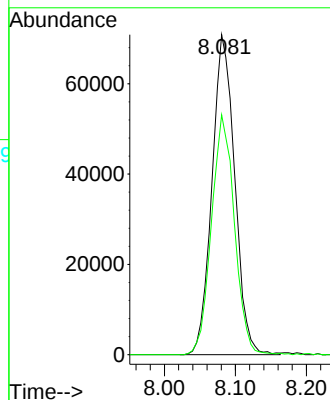
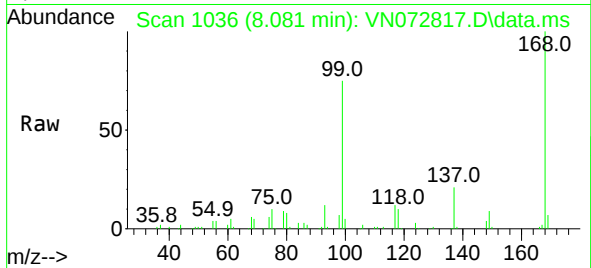




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

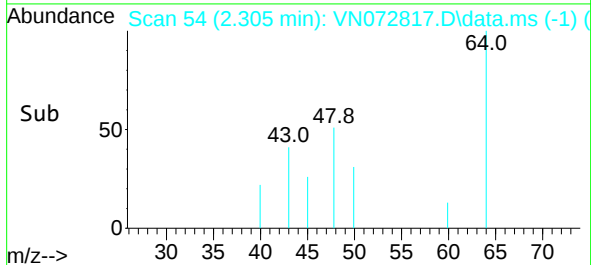
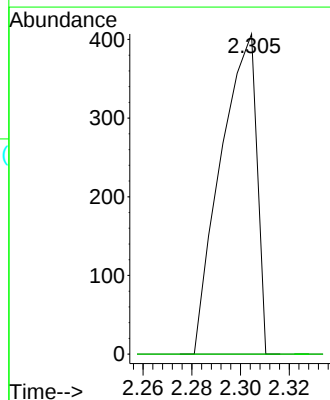
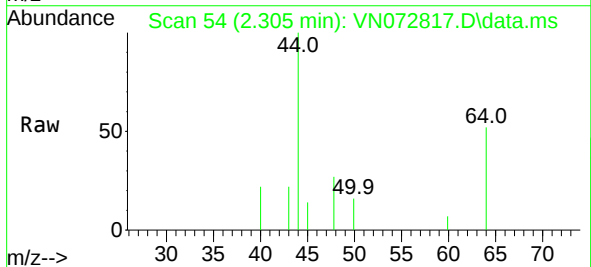
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

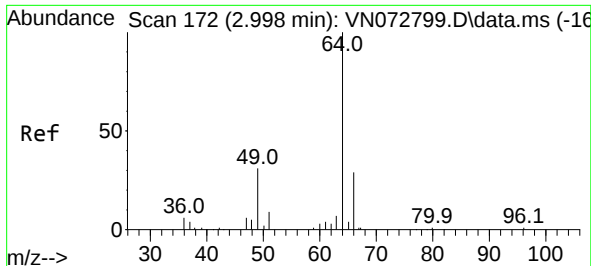
Tgt Ion:168 Resp: 157327
Ion Ratio Lower Upper
168 100
99 75.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.011 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

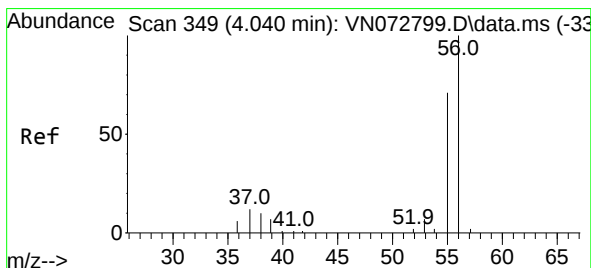
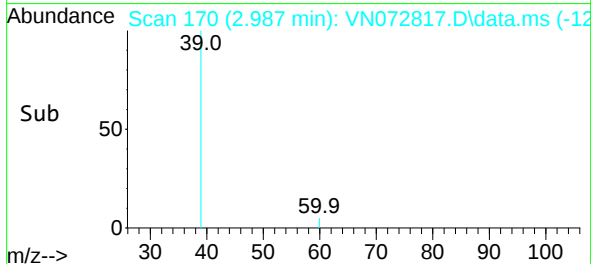
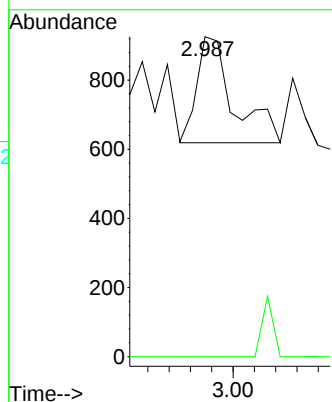
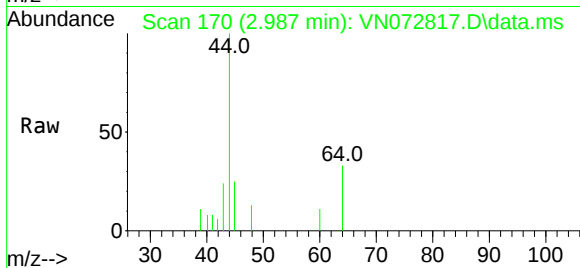




#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

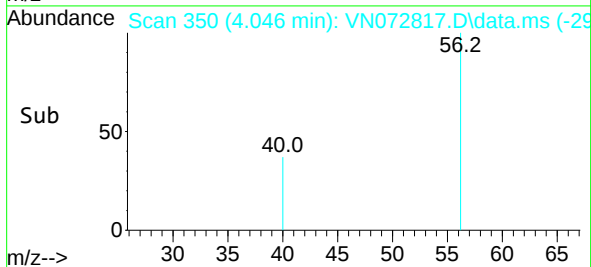
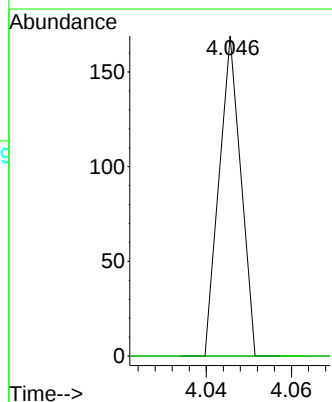
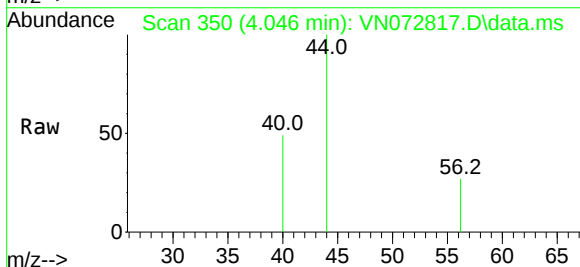
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

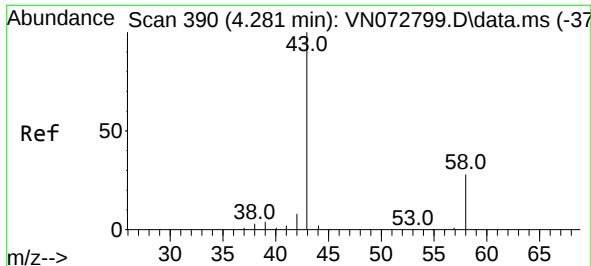
Tgt Ion: 64 Resp: 367
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#13
Acrolein
Concen: Below Cal
RT: 4.046 min Scan# 350
Delta R.T. 0.006 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

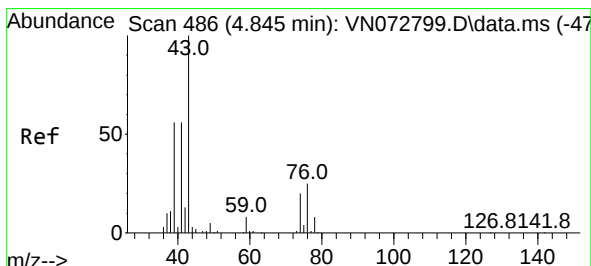
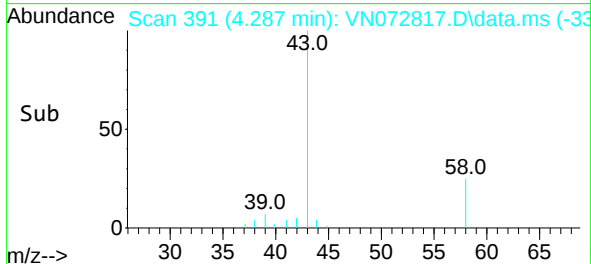
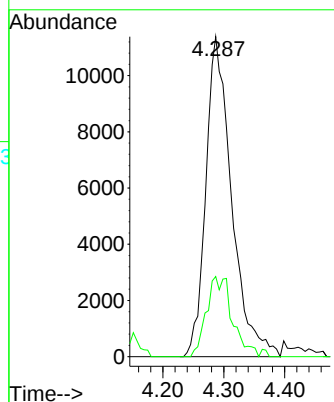
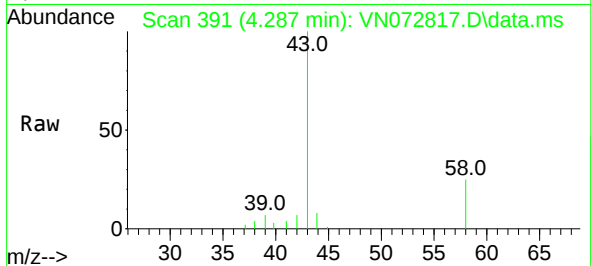




#16
Acetone
Concen: 16.749 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

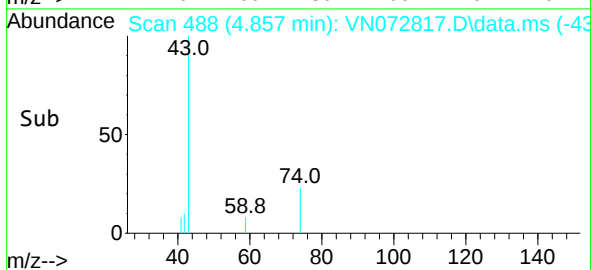
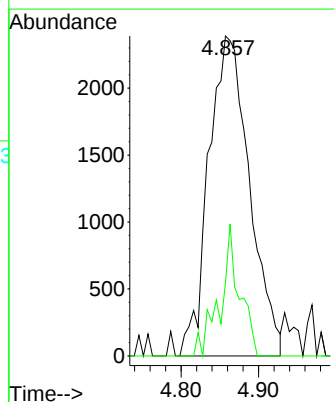
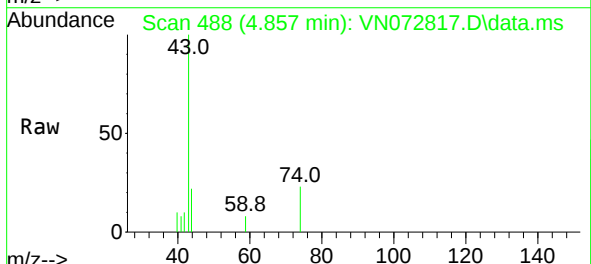
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

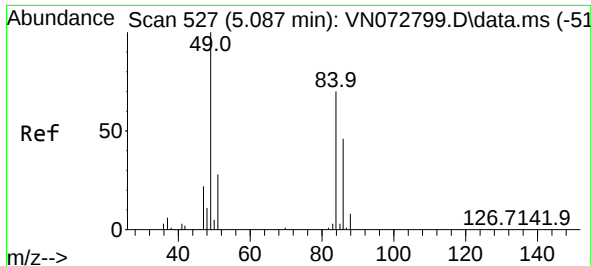
Tgt Ion: 43 Resp: 33504
Ion Ratio Lower Upper
43 100
58 25.1 26.0 39.0#



#18
Methyl Acetate
Concen: 1.663 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

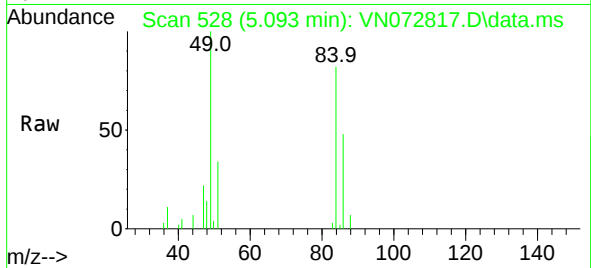
Tgt Ion: 43 Resp: 8744
Ion Ratio Lower Upper
43 100
74 19.7 21.6 32.4#



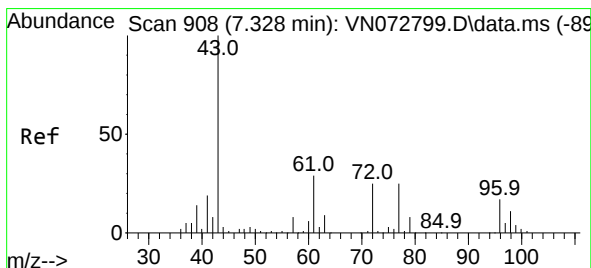
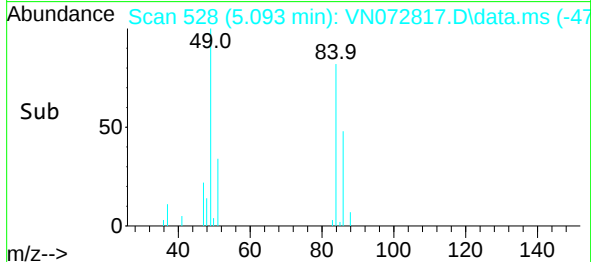
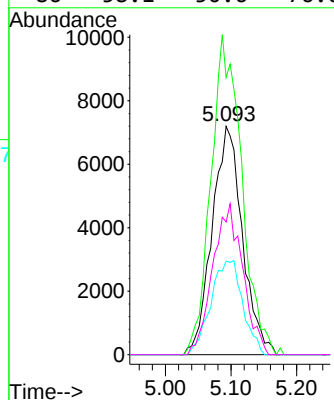


#20
Methylene Chloride
Concen: 7.309 ug/l
RT: 5.093 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

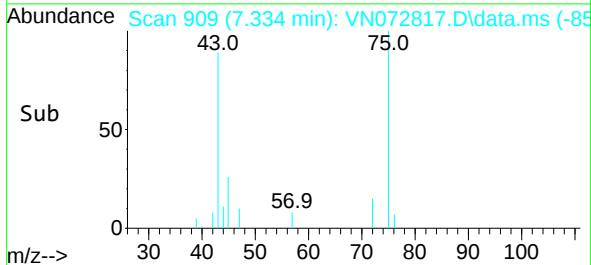
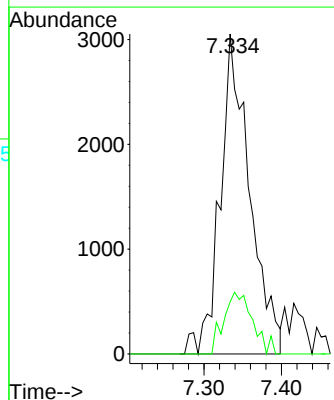
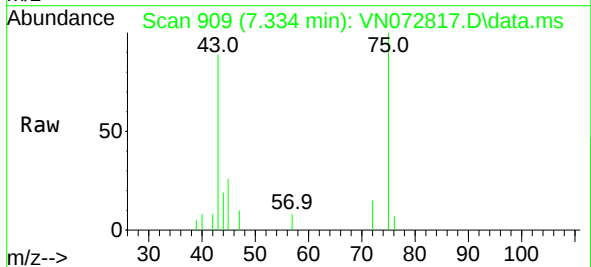


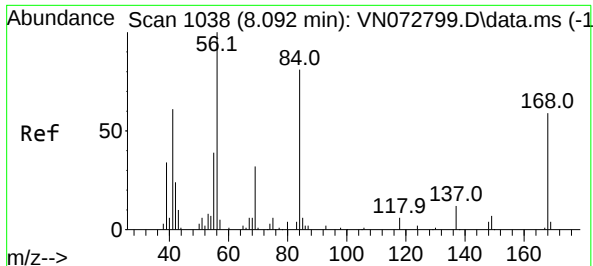
Tgt Ion:	84	Resp:	23105
Ion	Ratio	Lower	Upper
84	100		
49	121.4	88.3	132.5
51	41.0	28.2	42.2
86	58.1	50.6	76.0



#25
2-Butanone
Concen: 2.580 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

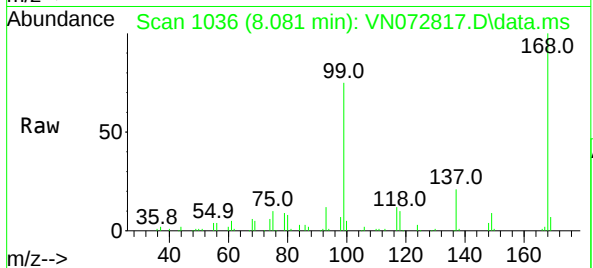
Tgt Ion:	43	Resp:	8094
Ion	Ratio	Lower	Upper
43	100		
72	16.3	23.7	35.5



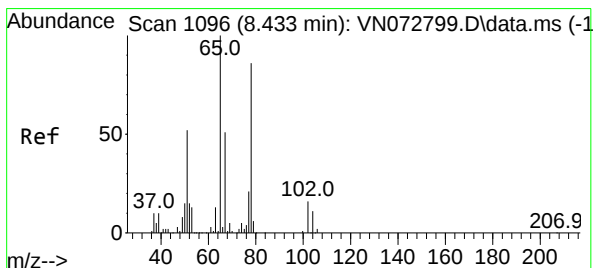
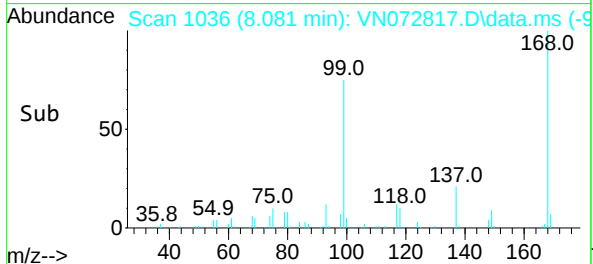
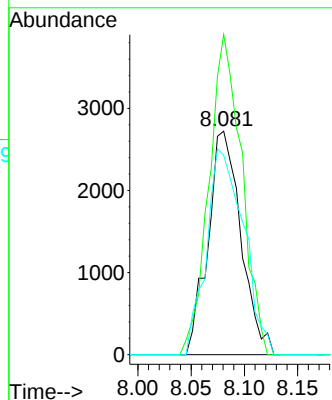


#31
Cyclohexane
Concen: Below Cal
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

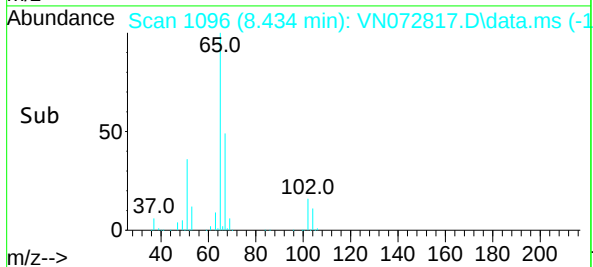
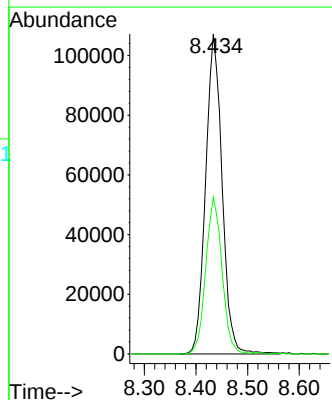
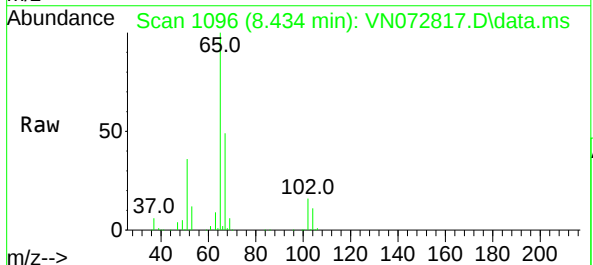


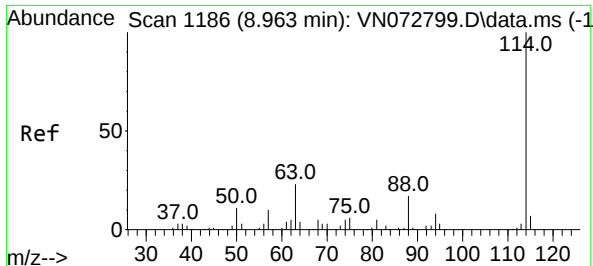
Tgt Ion: 56 Resp: 5856
Ion Ratio Lower Upper
56 100
69 143.2 27.8 41.8#
84 89.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 53.855 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.001 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 65 Resp: 237228
Ion Ratio Lower Upper
65 100
67 48.2 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: VN072817.D

Acq: 14 Jun 2022 00:35

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#08

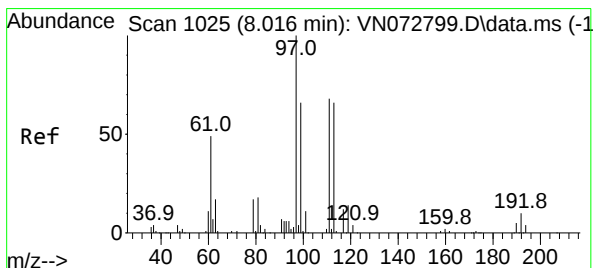
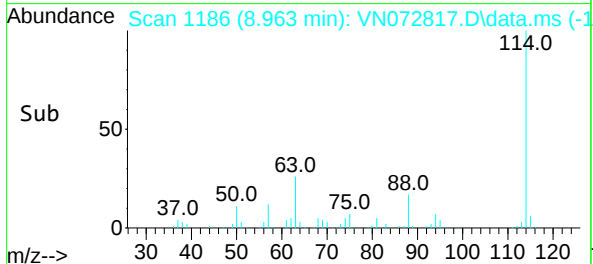
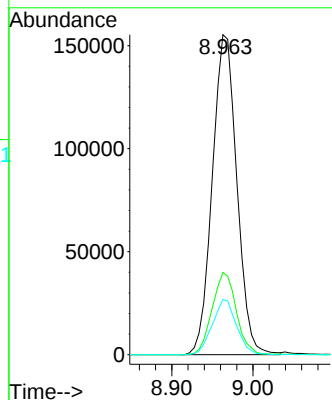
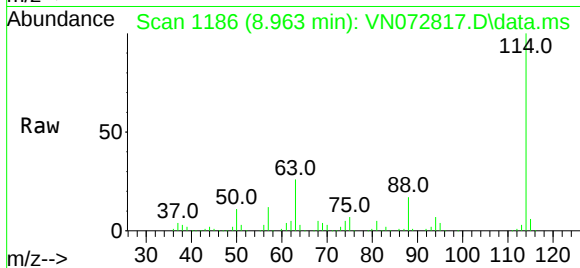
Tgt Ion:114 Resp: 326454

Ion Ratio Lower Upper

114 100

63 25.7 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072817.D

Acq: 14 Jun 2022 00:35

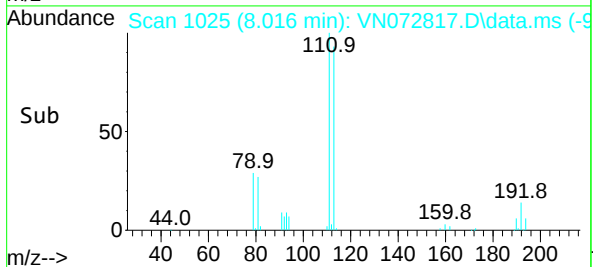
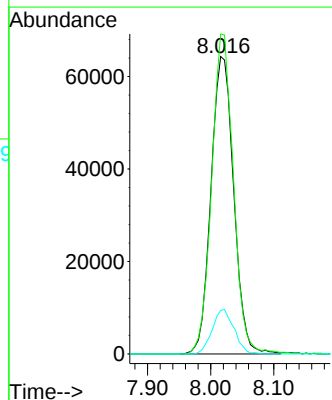
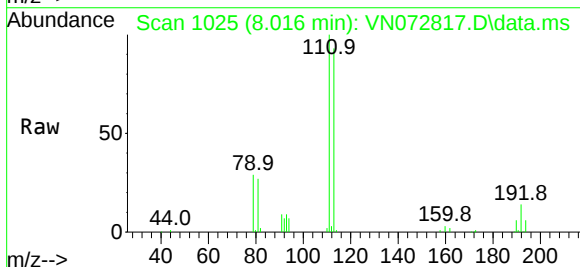
Tgt Ion:113 Resp: 161060

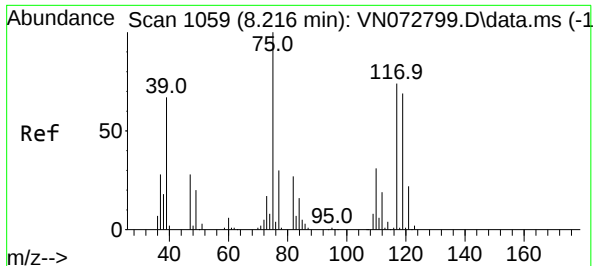
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 14.4 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 3.800 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072817.D

Acq: 14 Jun 2022 00:35

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#08

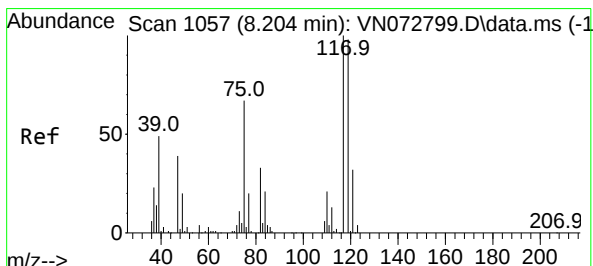
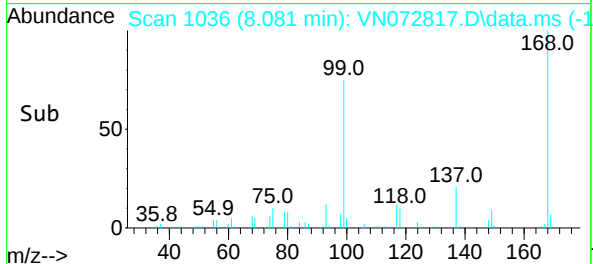
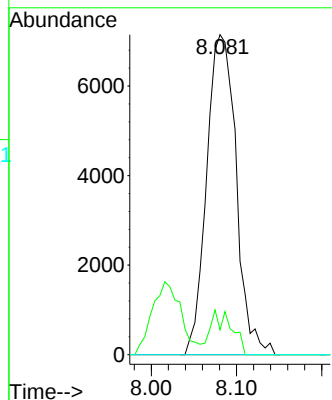
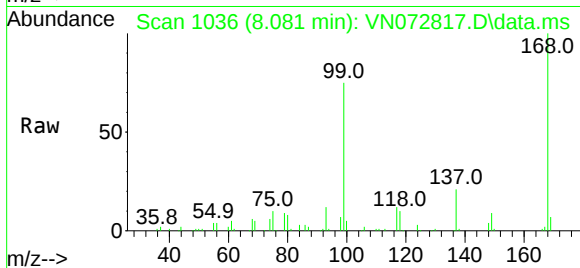
Tgt Ion: 75 Resp: 17217

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.062 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072817.D

Acq: 14 Jun 2022 00:35

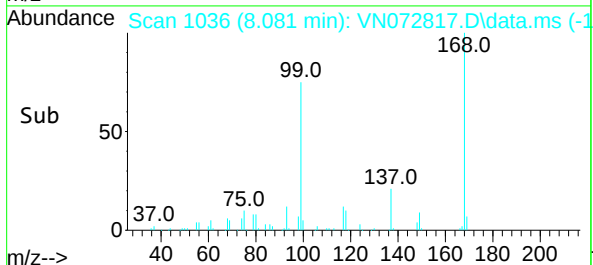
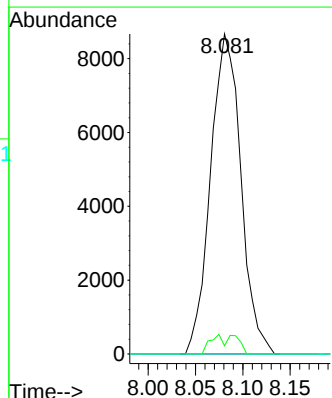
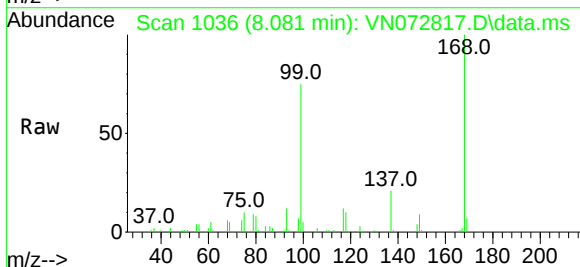
Tgt Ion: 117 Resp: 19291

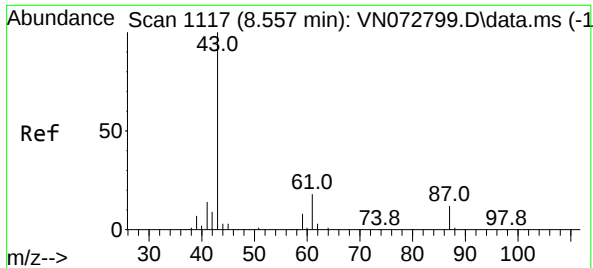
Ion Ratio Lower Upper

117 100

119 2.5 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 6.422 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072817.D

Acq: 14 Jun 2022 00:35

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#08

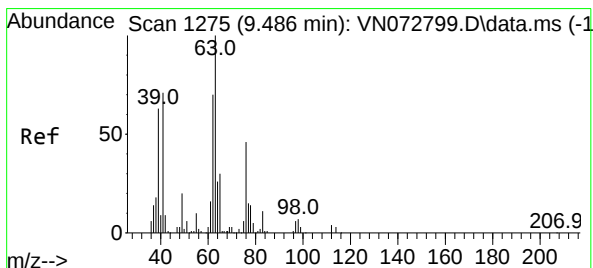
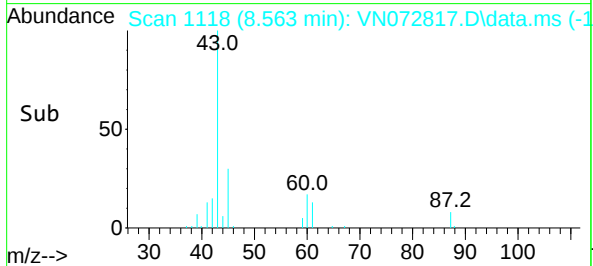
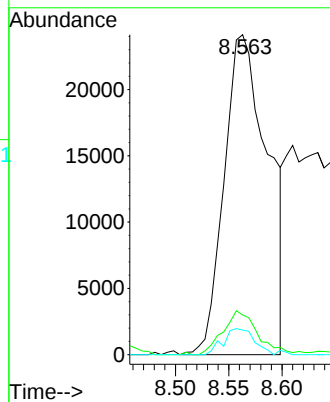
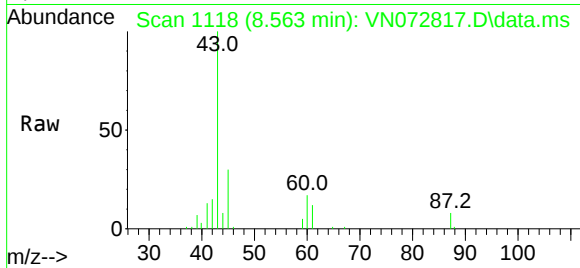
Tgt Ion: 43 Resp: 68809

Ion Ratio Lower Upper

43 100

61 11.0 21.9 32.9#

87 5.8 12.0 18.0#



#45

1,2-Dichloropropane

Concen: 0.724 ug/l

RT: 9.622 min Scan# 1298

Delta R.T. 0.136 min

Lab File: VN072817.D

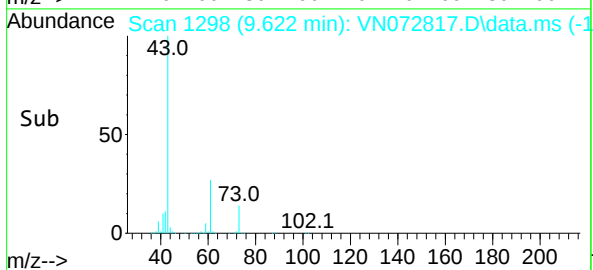
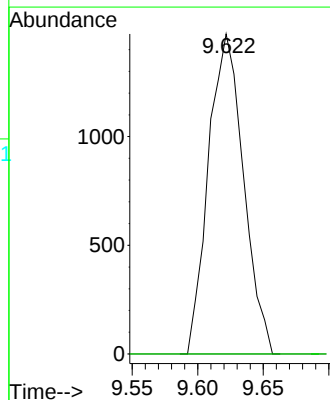
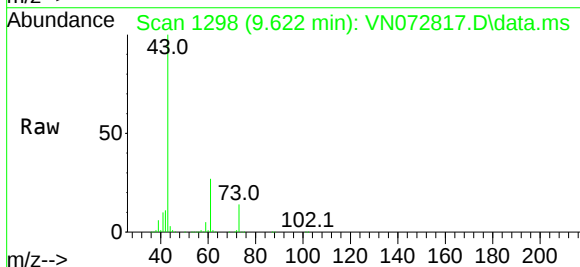
Acq: 14 Jun 2022 00:35

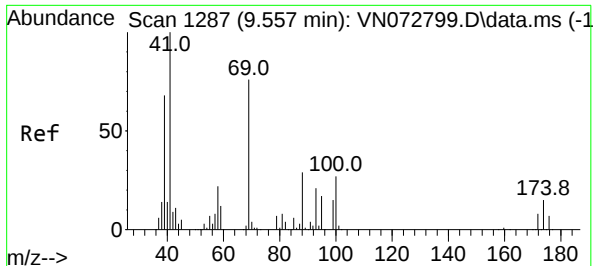
Tgt Ion: 63 Resp: 2734

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#

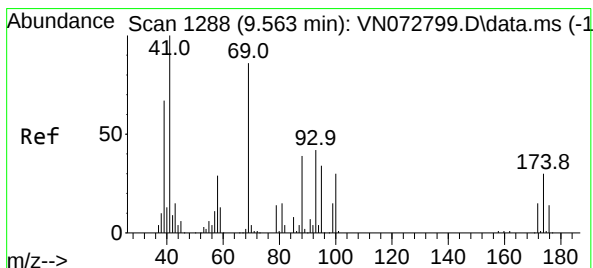
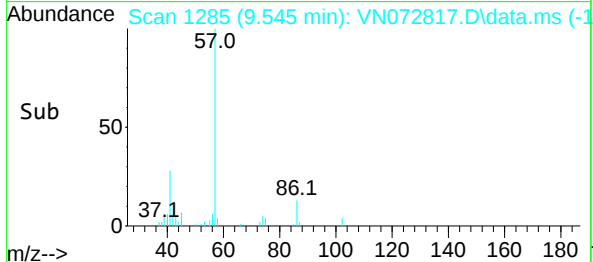
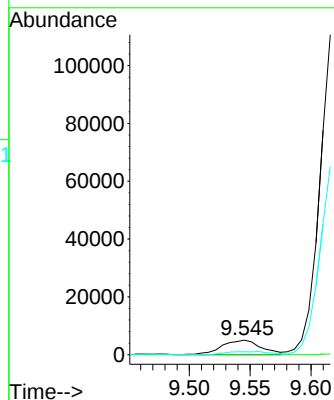
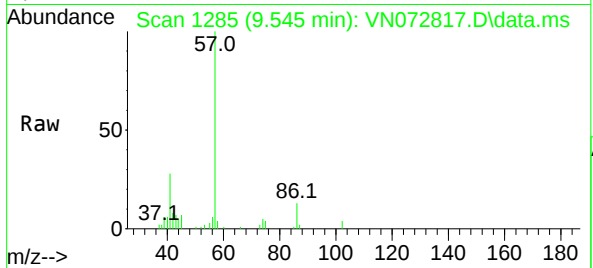




#48
Methyl methacrylate
Concen: 2.260 ug/l
RT: 9.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

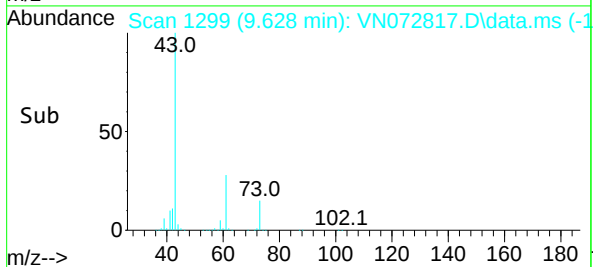
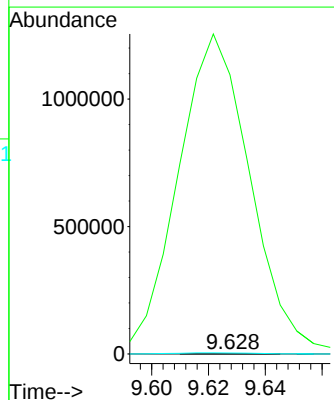
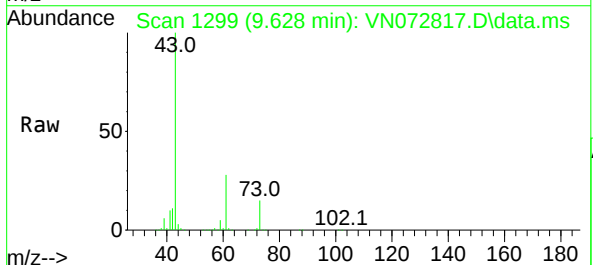
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

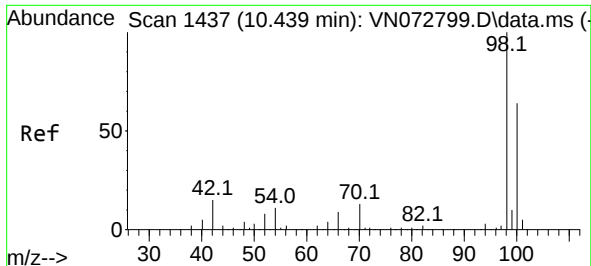
Tgt Ion: 41 Resp: 11238
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: 2.425 ug/l
RT: 9.628 min Scan# 1299
Delta R.T. 0.065 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
43 1099912.1 20.2 30.4#
58 4259.7 54.2 81.4#

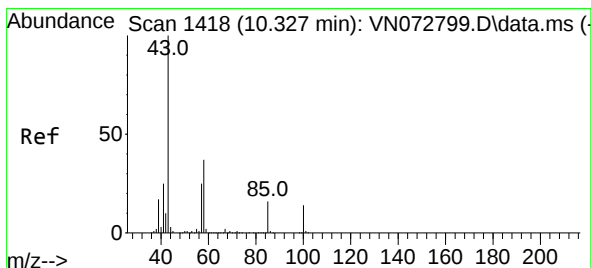
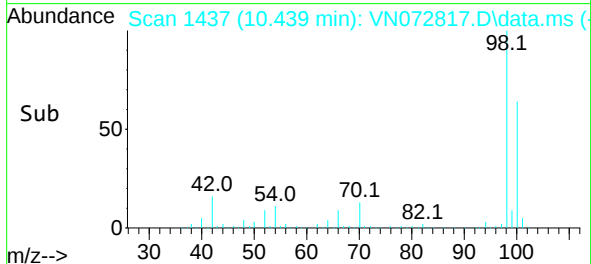
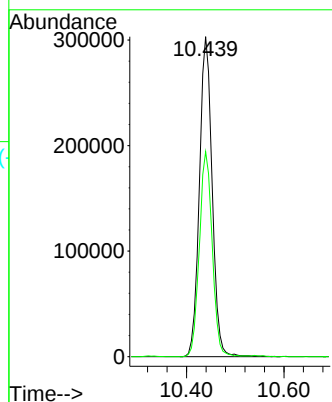
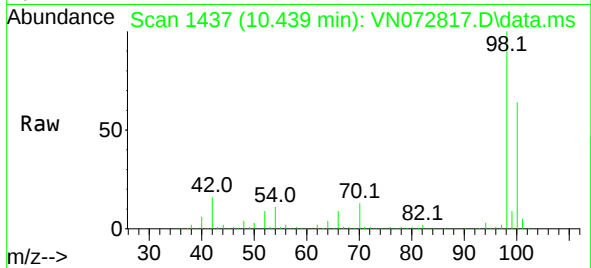




#50
Toluene-d8
Concen: 42.219 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

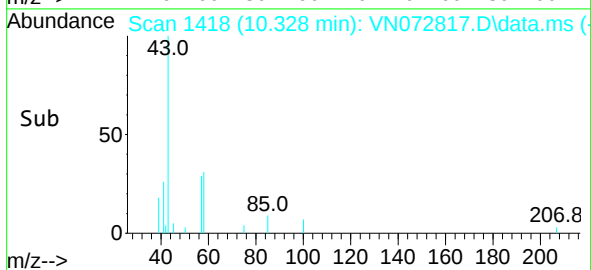
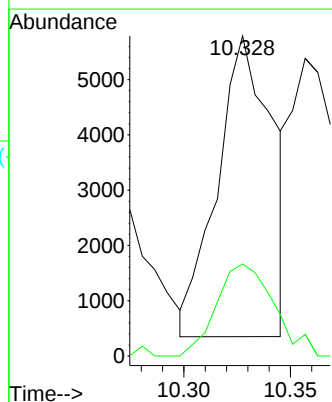
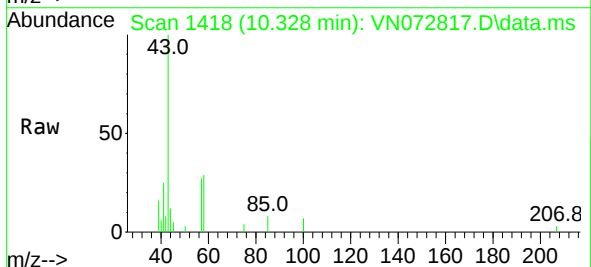
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

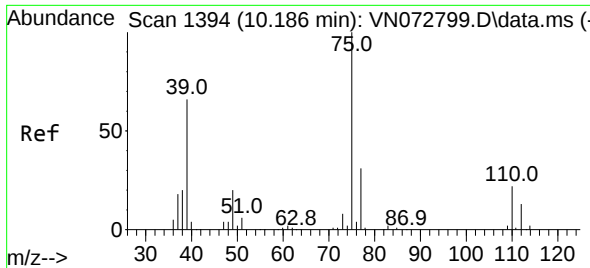
Tgt Ion: 98 Resp: 551257
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.374 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 43 Resp: 9767
Ion Ratio Lower Upper
43 100
58 31.8 34.1 51.1#

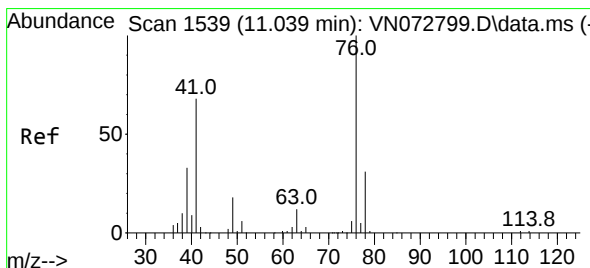
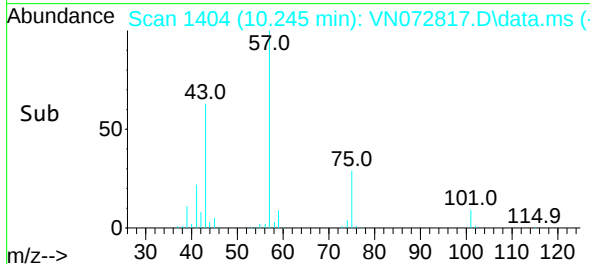
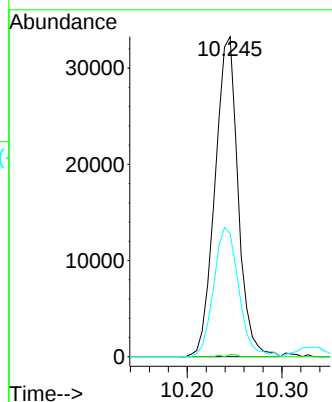
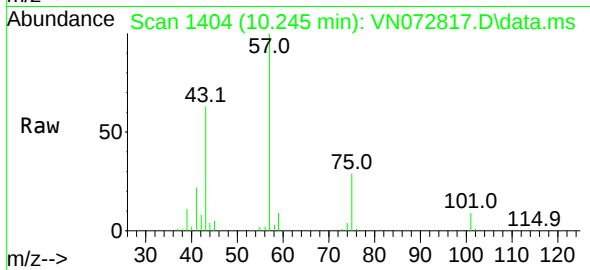




#54
 cis-1,3-Dichloropropene
 Concen: 9.511 ug/l
 RT: 10.245 min Scan# 1404
 Delta R.T. 0.059 min
 Lab File: VN072817.D
 Acq: 14 Jun 2022 00:35

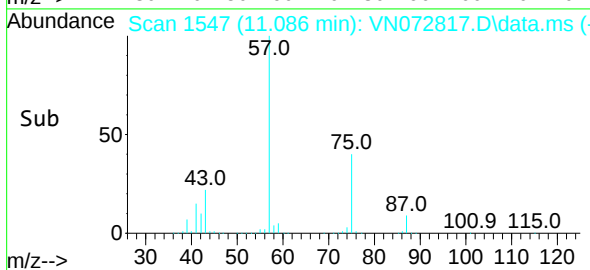
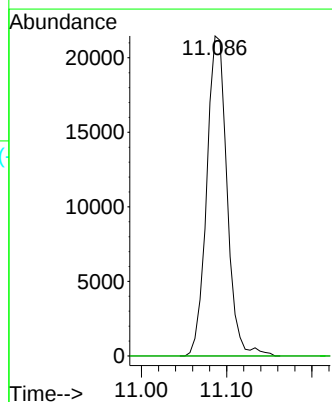
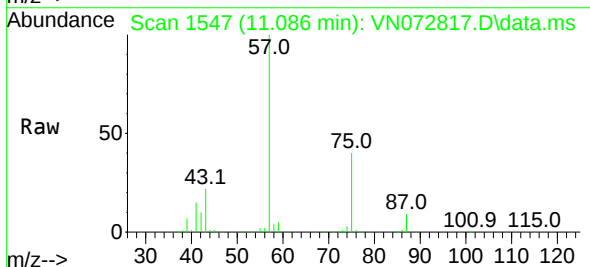
Instrument :
 MSVOA_N
 ClientSampleId :
 PB145459ZHE#08

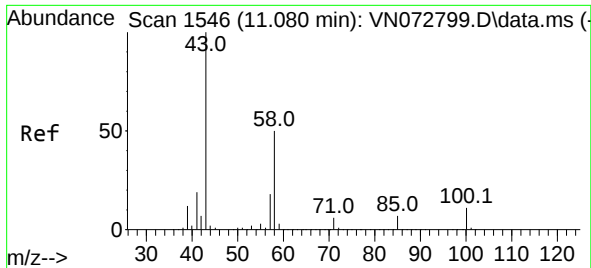
Tgt Ion: 75 Resp: 56387
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.2 37.8#
 39 38.5 35.7 53.5



#57
 1,3-Dichloropropane
 Concen: 5.481 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.047 min
 Lab File: VN072817.D
 Acq: 14 Jun 2022 00:35

Tgt Ion: 76 Resp: 35531
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

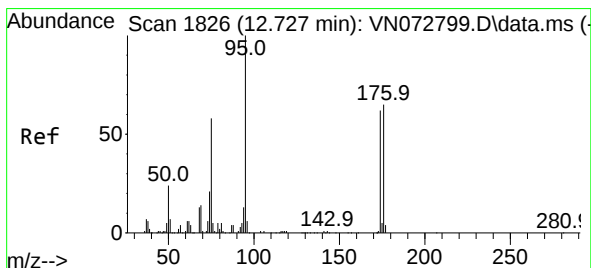
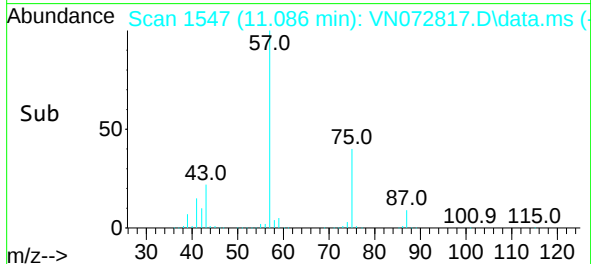
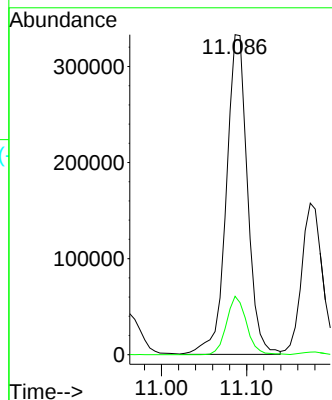
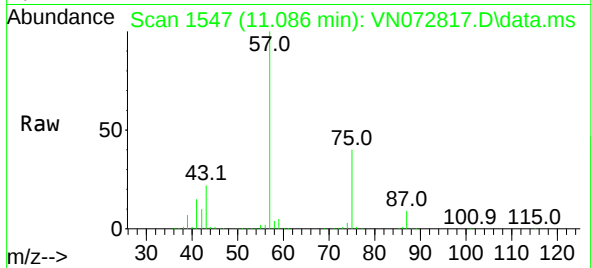




#59
2-Hexanone
Concen: 109.084 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

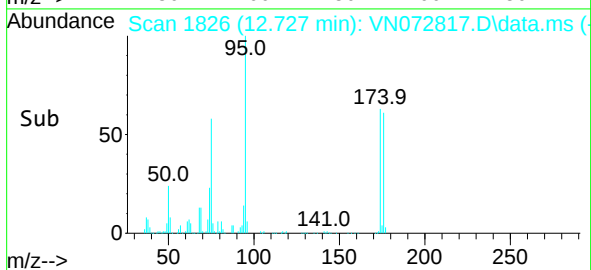
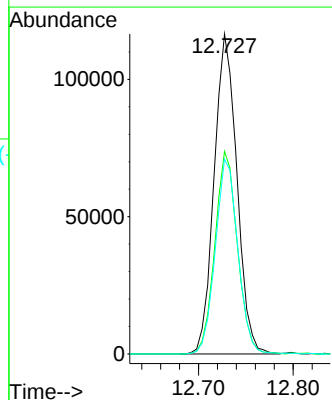
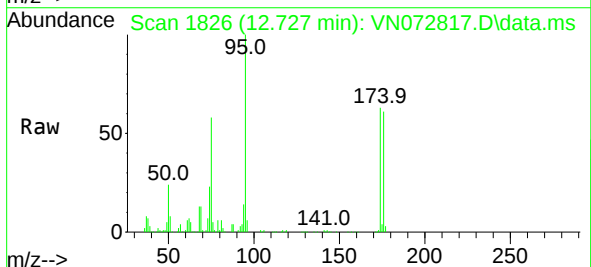
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

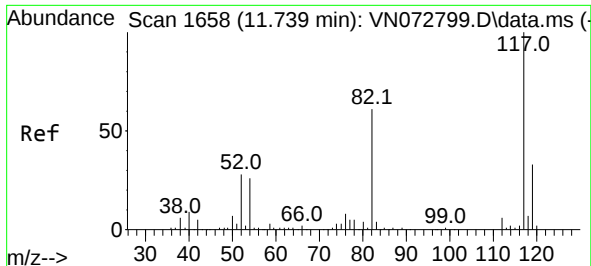
Tgt Ion: 43 Resp: 574299
Ion Ratio Lower Upper
43 100
58 17.3 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 42.225 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 95 Resp: 194836
Ion Ratio Lower Upper
95 100
174 62.4 0.0 167.6
176 60.3 0.0 163.4

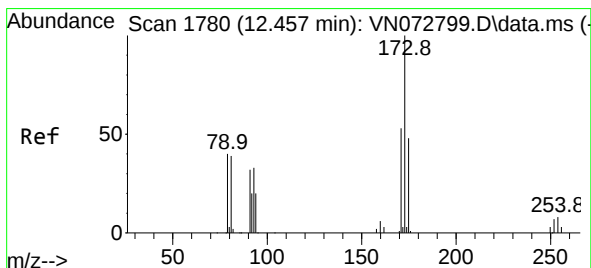
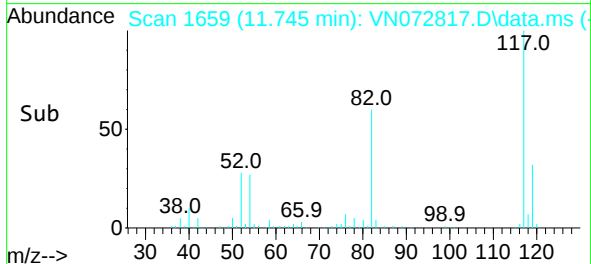
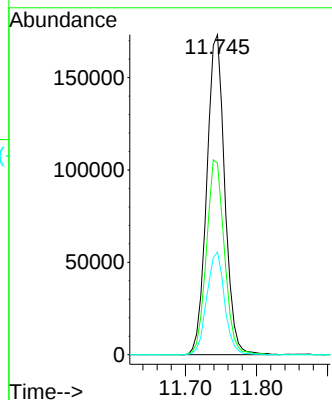
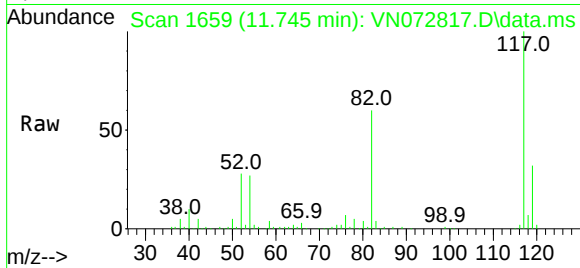




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

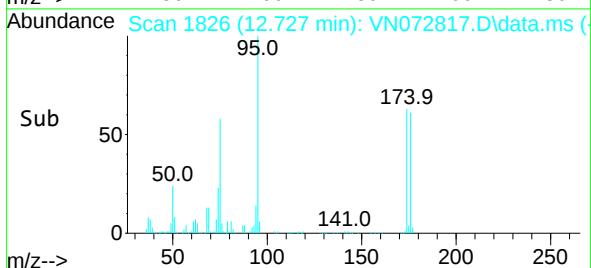
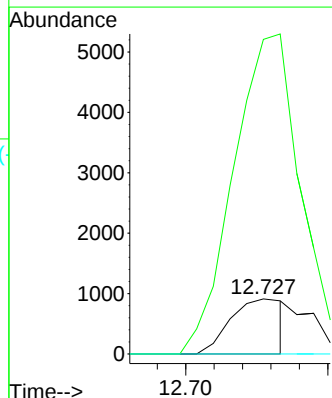
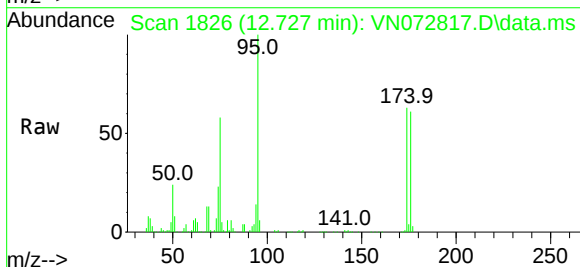
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

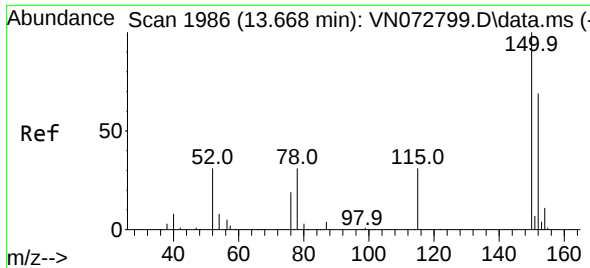
Tgt Ion:117 Resp: 304882
Ion Ratio Lower Upper
117 100
82 59.9 44.2 66.2
119 32.1 25.4 38.0



#71
Bromoform
Concen: 0.536 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion:173 Resp: 1194
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

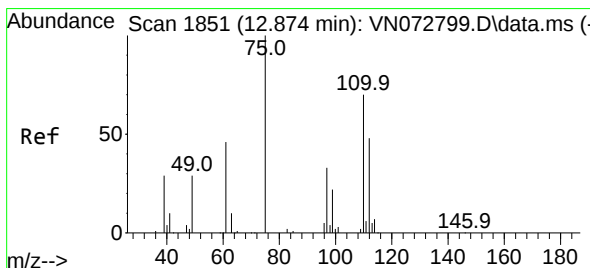
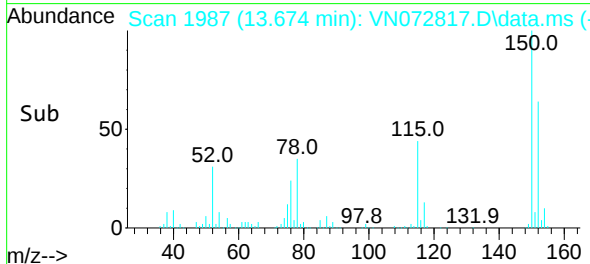
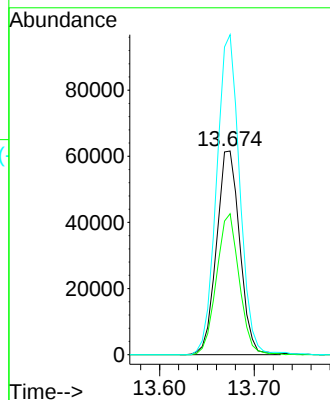
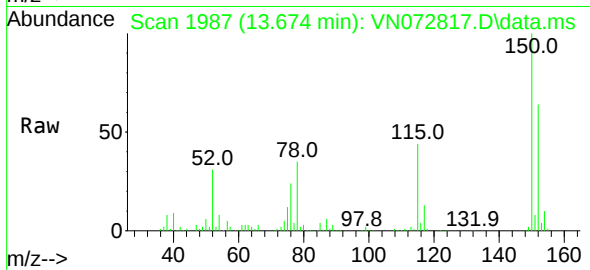




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN072817.D
 Acq: 14 Jun 2022 00:35

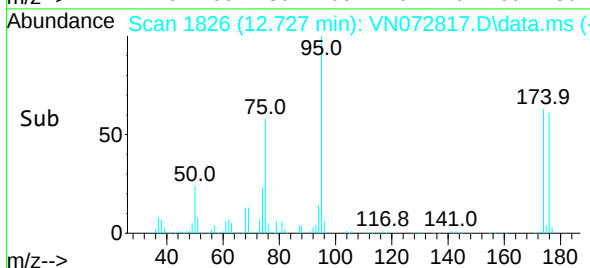
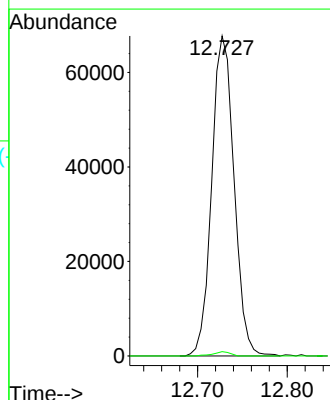
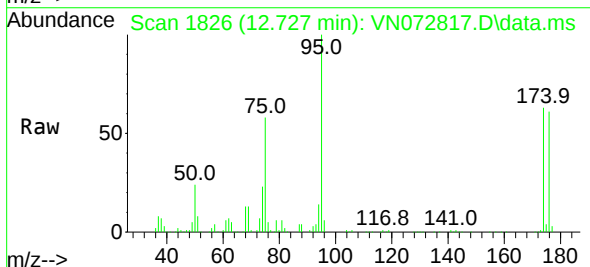
Instrument :
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 ClientSampleId :
 PB145459ZHE#08

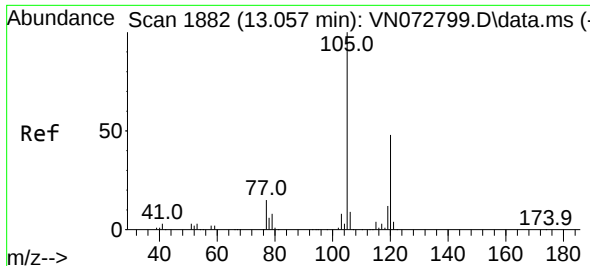
Tgt Ion:152 Resp: 105002
 Ion Ratio Lower Upper
 152 100
 115 67.6 28.9 86.7
 150 156.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 32.466 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072817.D
 Acq: 14 Jun 2022 00:35

Tgt Ion: 75 Resp: 117002
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

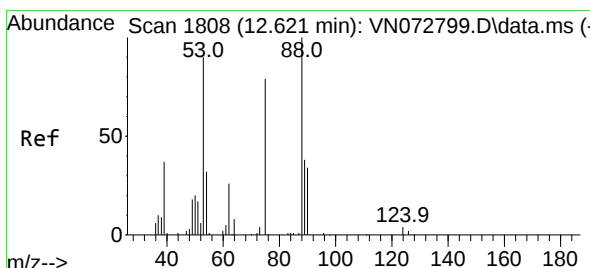
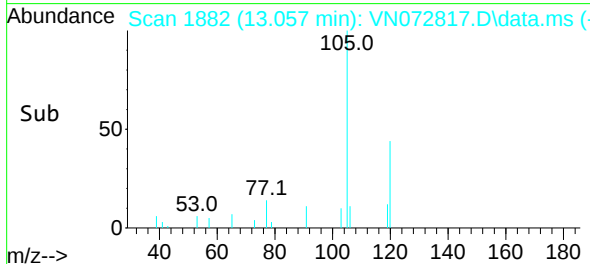
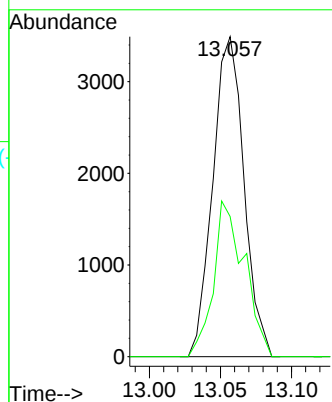
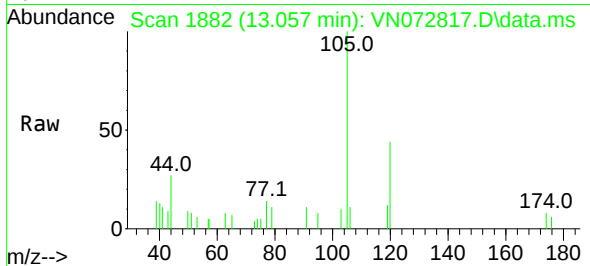




#80
1,3,5-Trimethylbenzene
Concen: 0.615 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#08

Tgt Ion:105 Resp: 5324
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 98.953 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072817.D
Acq: 14 Jun 2022 00:35

Tgt Ion: 75 Resp: 117002
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

