

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072845.D
 Acq On : 14 Jun 2022 21:25
 Operator : JC\MD
 Sample : VN0614WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBL01

Quant Time: Jun 15 04:35:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

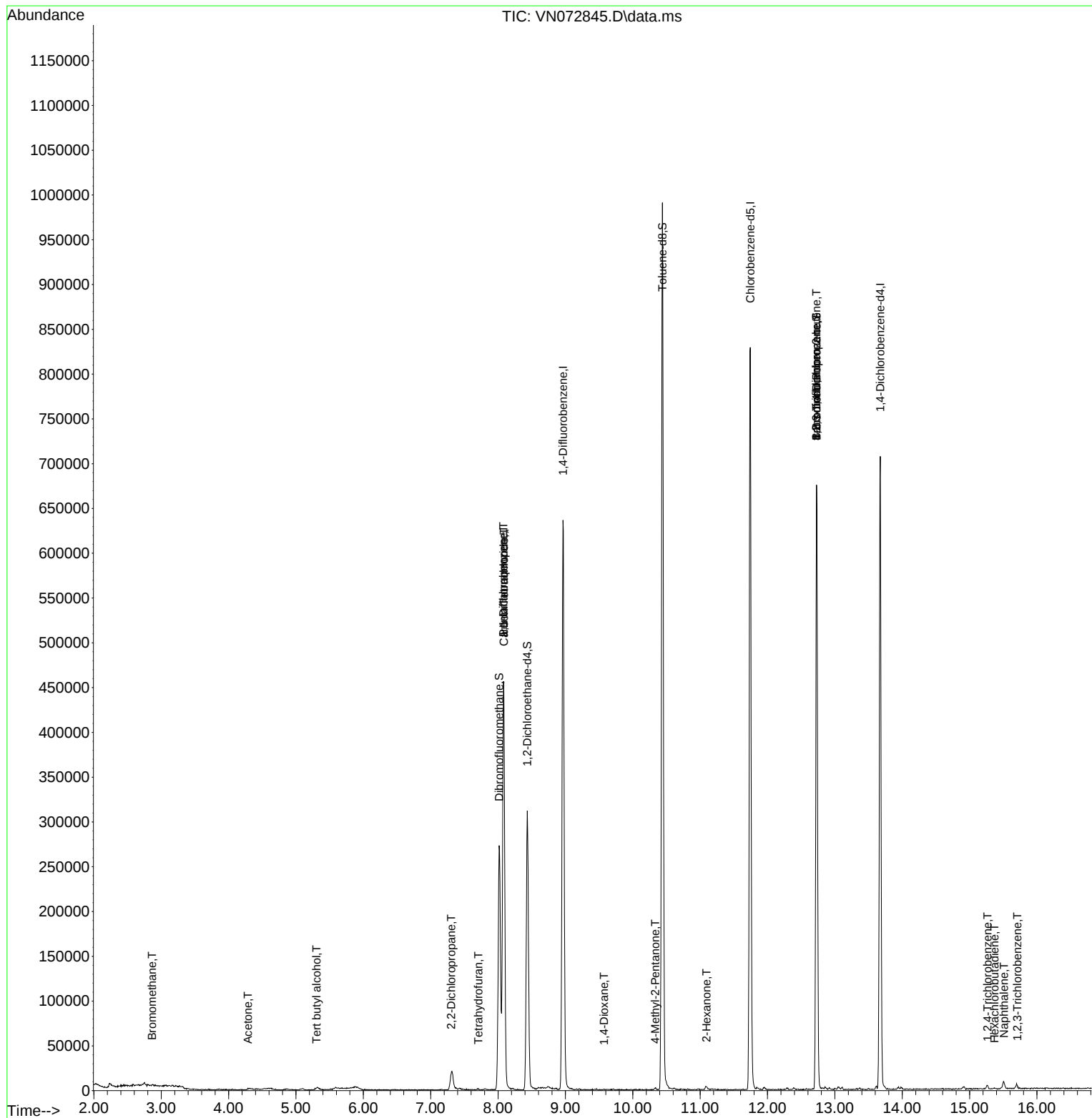
Internal Standards						
1) Pentafluorobenzene	8.081	168	332009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	551411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	481038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	185003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	253343	49.269	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.540%		
35) Dibromofluoromethane	8.016	113	202974	59.455	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	118.900%		
50) Toluene-d8	10.439	98	680248	50.490	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.727	95	246757	54.561	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.120%		
Target Compounds					Qvalue	
3) Chloromethane	2.299	50	567	Below Cal	#	88
4) Vinyl Chloride	2.434	62	110	Below Cal	#	43
5) Bromomethane	2.863	94	919	0.801	ug/l	86
6) Chloroethane	2.975	64	232	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	2760	0.443	ug/l	# 72
16) Acetone	4.287	43	688	0.239	ug/l	94
17) Carbon Disulfide	4.522	76	1760	Below Cal	#	75
18) Methyl Acetate	4.857	43	891	Below Cal	#	61
20) Methylene Chloride	5.087	84	406	Below Cal	#	57
21) trans-1,2-Dichloroethene	5.593	96	87	Below Cal	#	33
26) 2,2-Dichloropropane	7.304	77	1541	0.286	ug/l	# 53
29) Tetrahydrofuran	7.710	42	855	0.294	ug/l	# 63
31) Cyclohexane	8.081	56	8602	Below Cal	#	31
36) 1,1-Dichloropropene	8.081	75	29169	6.398	ug/l	# 48
38) Carbon Tetrachloride	8.086	117	34619	7.606	ug/l	# 16
49) 1,4-Dioxane	9.575	88	144	1.314	ug/l	# 25
51) 4-Methyl-2-Pentanone	10.333	43	1764	0.227	ug/l	# 75
59) 2-Hexanone	11.092	43	3054	0.524	ug/l	96
71) Bromoform	12.727	173	1456	0.555	ug/l	# 1
76) 1,2,3-Trichloropropane	12.727	75	130349	24.427	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	130349	75.965	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.268	180	1790	0.589	ug/l	87
94) Hexachlorobutadiene	15.368	225	329	0.235	ug/l	# 42
95) Naphthalene	15.510	128	9294	0.799	ug/l	96
96) 1,2,3-Trichlorobenzene	15.710	180	2209	0.707	ug/l	93

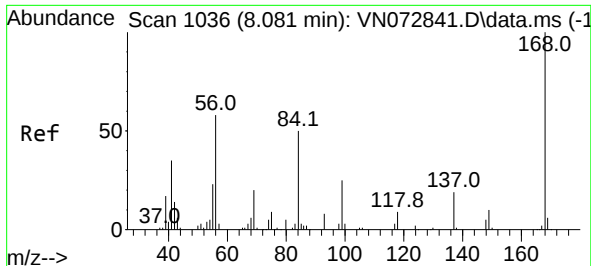
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
Data File : VN072845.D
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Sample : VN0614WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0614WBL01

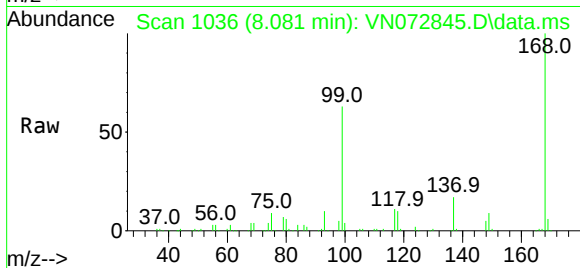
Quant Time: Jun 15 04:35:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 15 04:13:32 2022
Response via : Initial Calibration



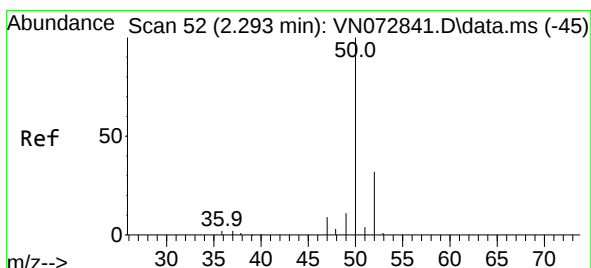
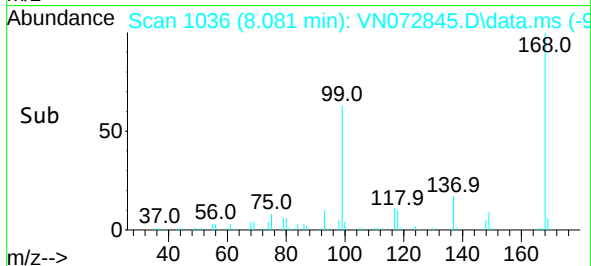
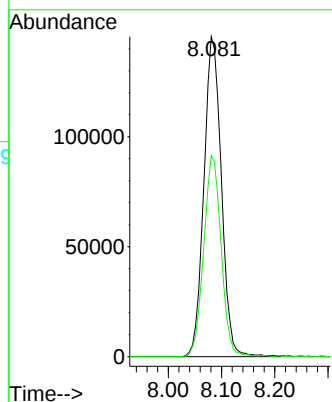


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

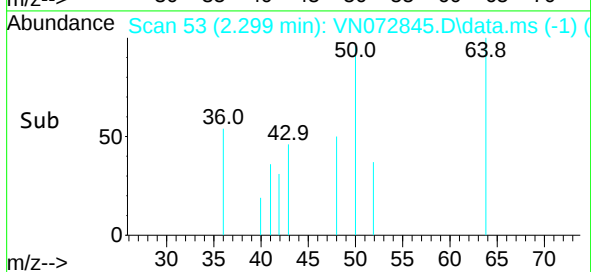
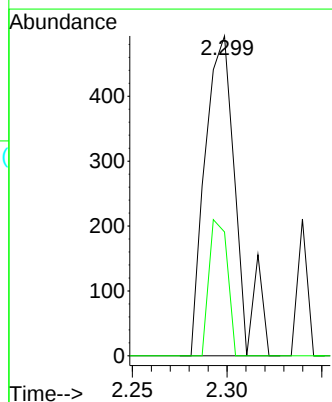
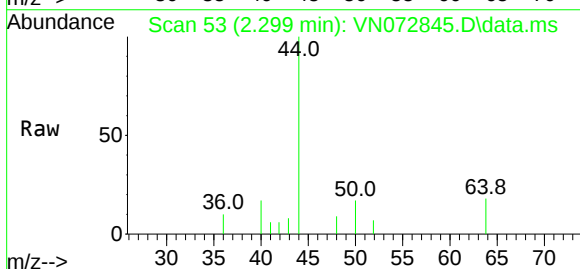


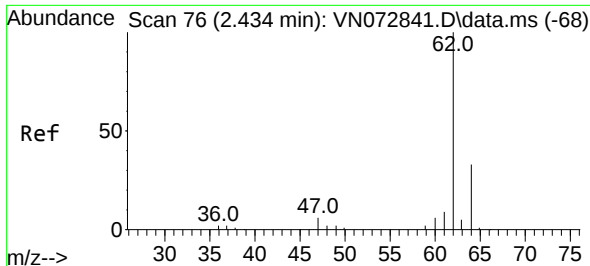
Tgt Ion:168 Resp: 332009
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. 0.006 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion: 50 Resp: 567
Ion Ratio Lower Upper
50 100
52 38.7 25.7 38.5#

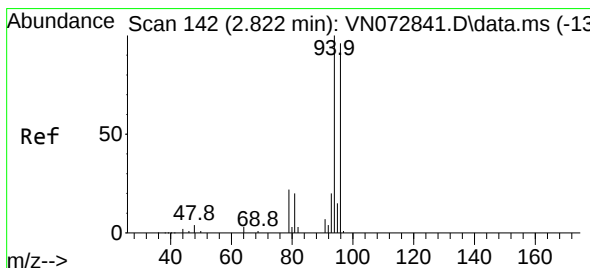
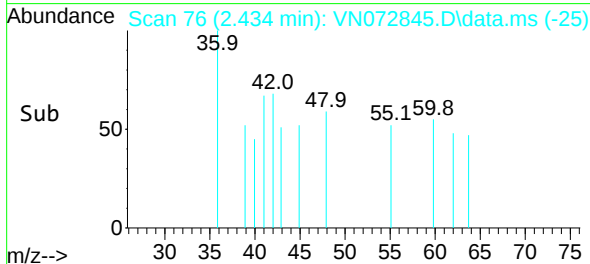
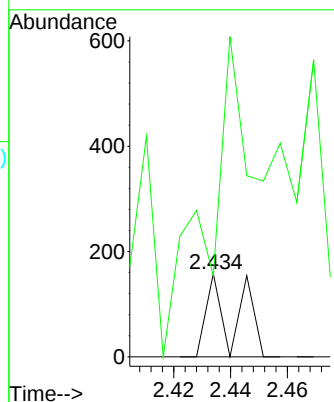
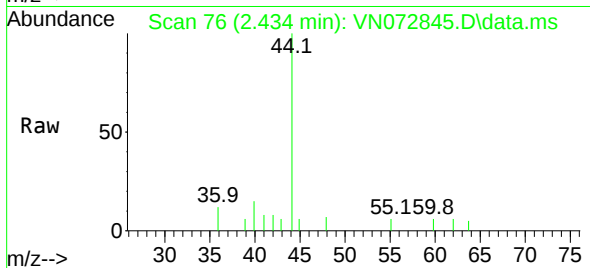




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.434 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VN072845.D
 Acq: 14 Jun 2022 21:25

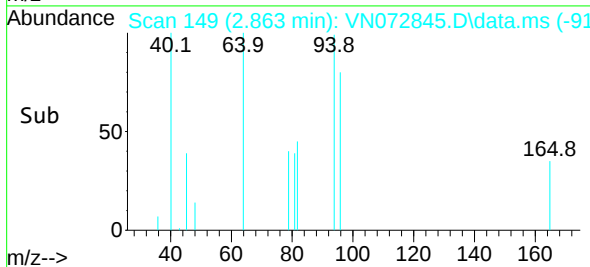
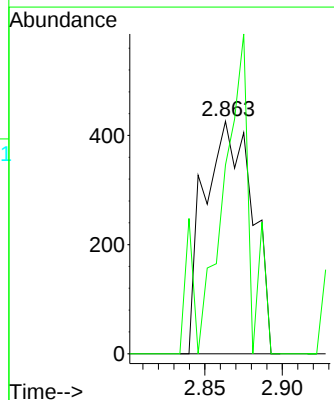
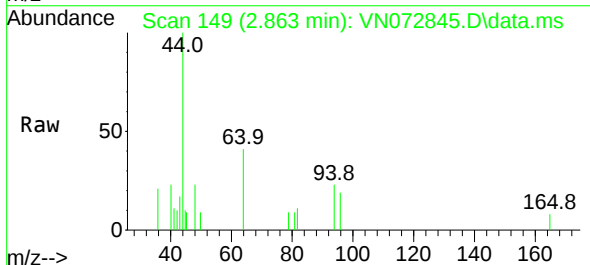
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBL01

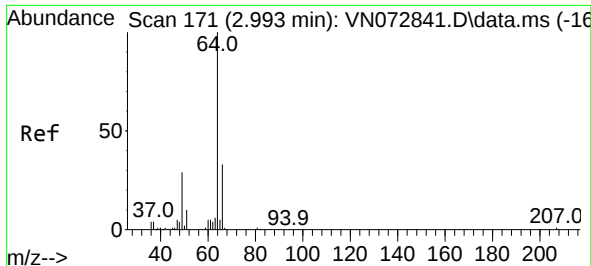
Tgt Ion: 62 Resp: 110
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.4#



#5
 Bromomethane
 Concen: 0.801 ug/l
 RT: 2.863 min Scan# 149
 Delta R.T. 0.041 min
 Lab File: VN072845.D
 Acq: 14 Jun 2022 21:25

Tgt Ion: 94 Resp: 919
 Ion Ratio Lower Upper
 94 100
 96 81.2 76.0 114.0

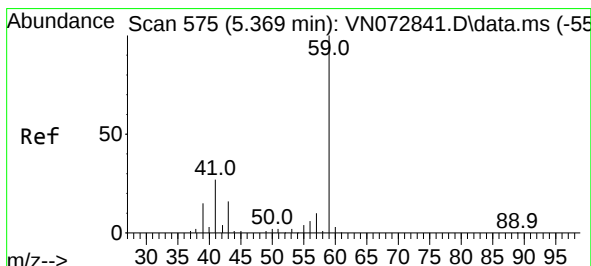
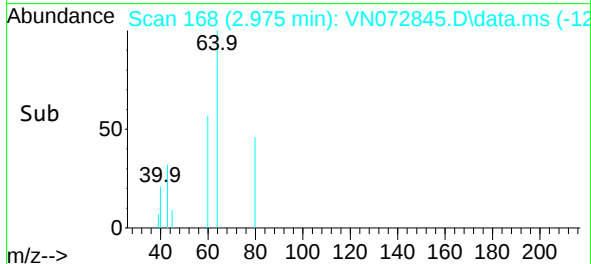
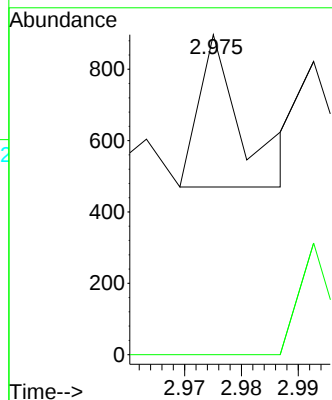
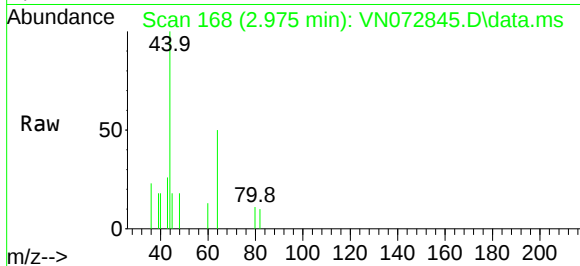




#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

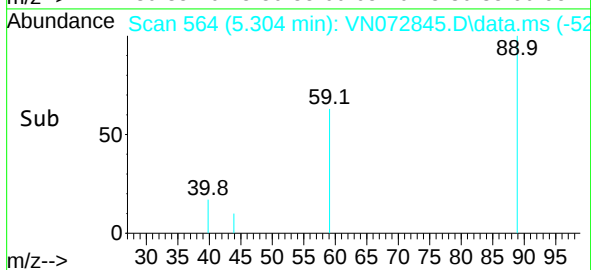
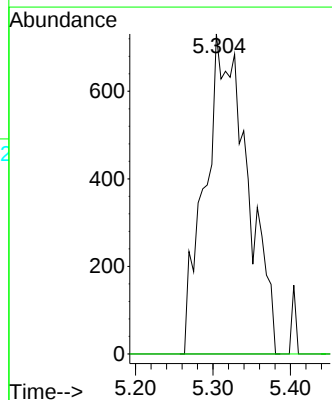
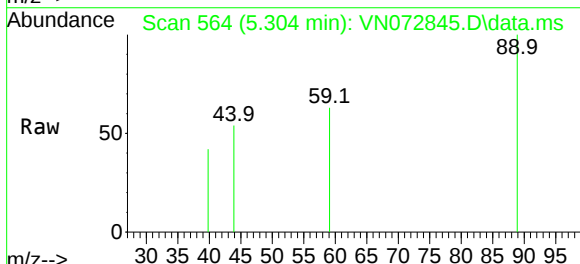
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

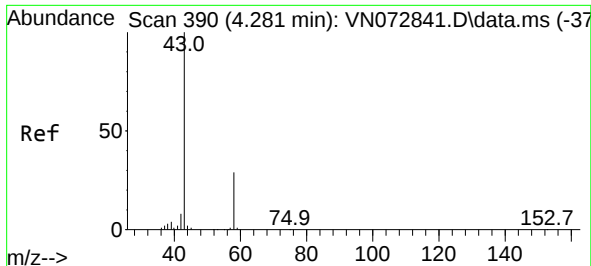
Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.443 ug/l
RT: 5.304 min Scan# 564
Delta R.T. -0.065 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion: 59 Resp: 2760
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

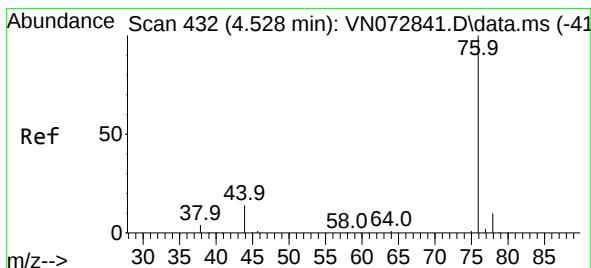
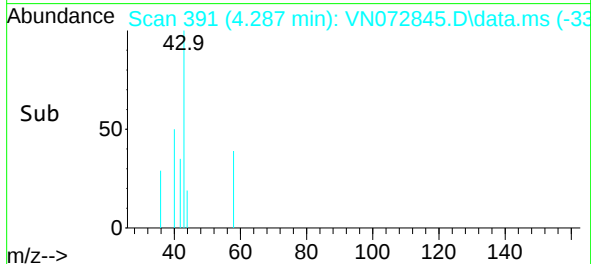
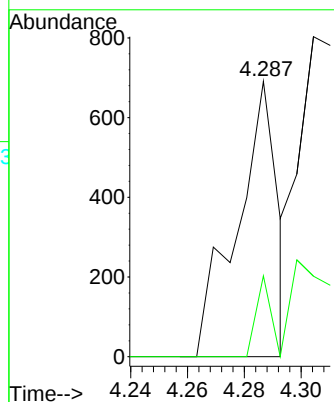
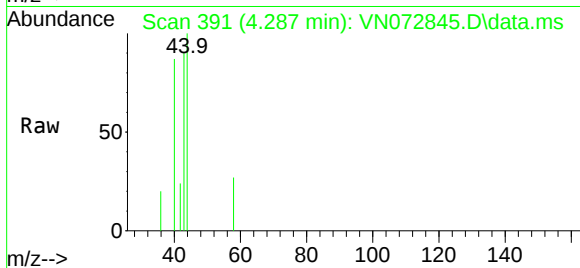




#16
Acetone
Concen: 0.239 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

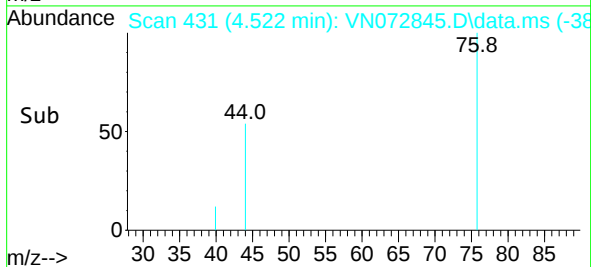
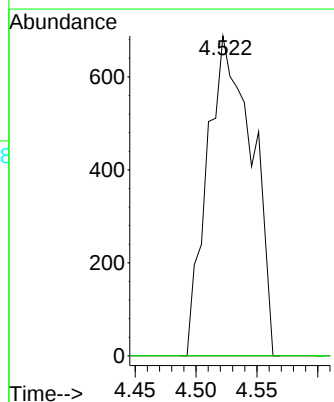
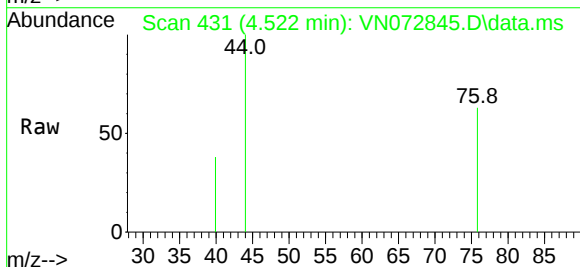
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

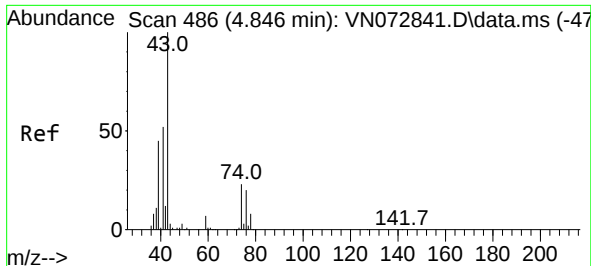
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.522 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion: 76 Resp: 1760
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.857 min Scan# 488

Delta R.T. 0.011 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

Instrument :

MSVOA_N

ClientSampleId :

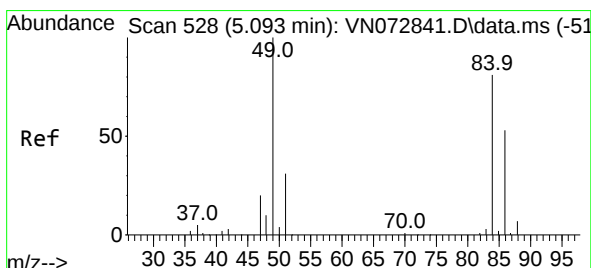
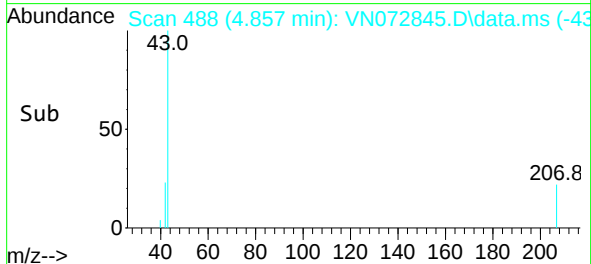
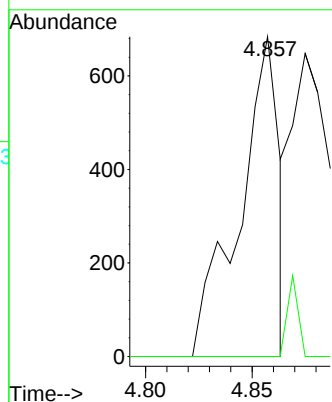
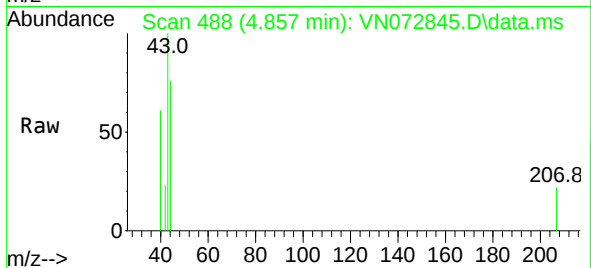
VN0614WBL01

Tgt Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

74 6.8 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

Tgt Ion: 84 Resp: 406

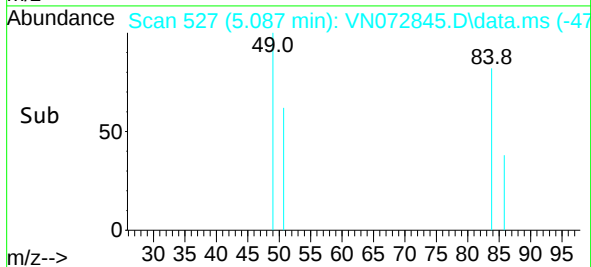
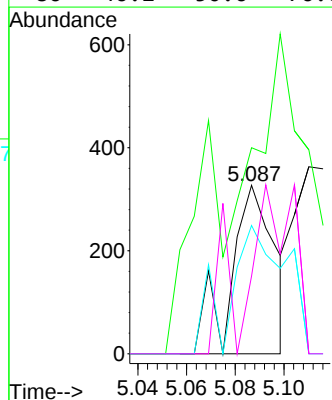
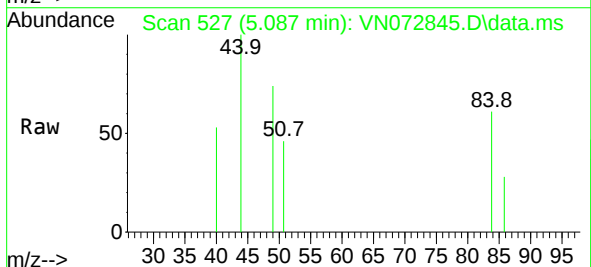
Ion Ratio Lower Upper

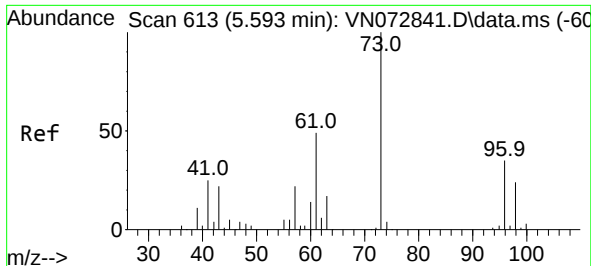
84 100

49 60.6 88.3 132.5#

51 76.1 28.2 42.2#

86 46.2 50.6 76.0#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.593 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN072845.D

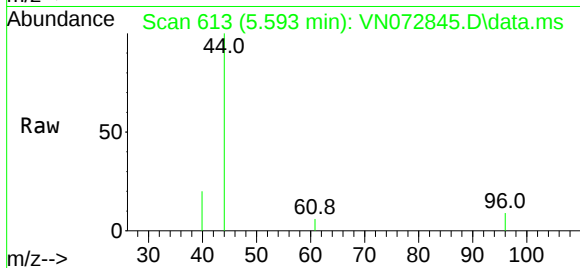
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Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01



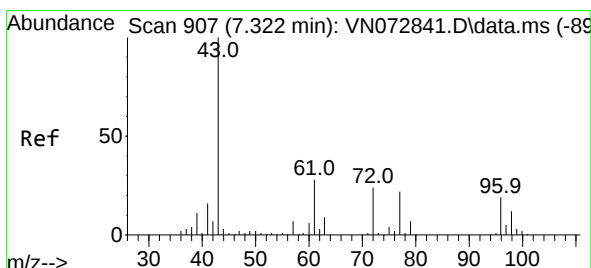
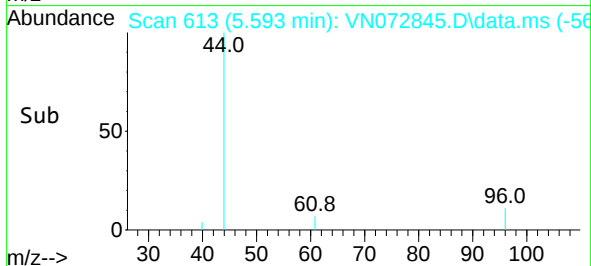
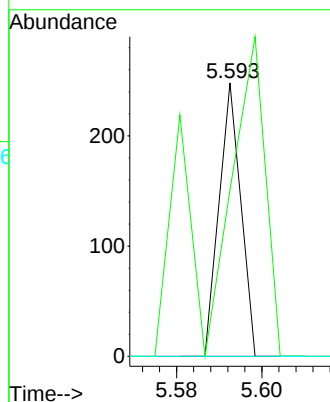
Tgt Ion: 96 Resp: 87

Ion Ratio Lower Upper

96 100

61 60.9 105.8 158.8#

98 0.0 50.3 75.5#



#26

2,2-Dichloropropane

Concen: 0.286 ug/l

RT: 7.304 min Scan# 904

Delta R.T. -0.018 min

Lab File: VN072845.D

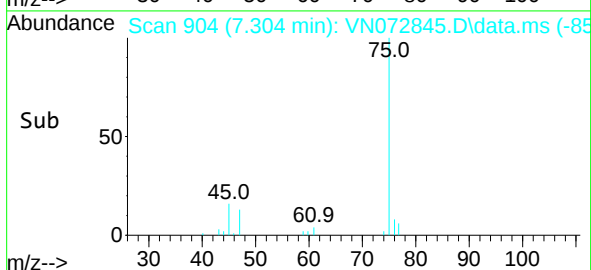
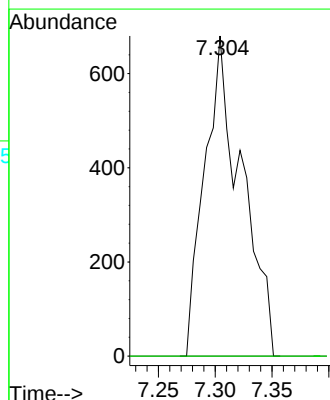
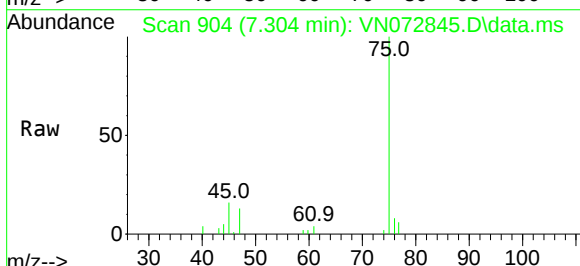
Acq: 14 Jun 2022 21:25

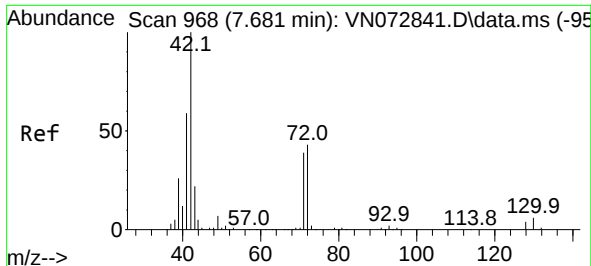
Tgt Ion: 77 Resp: 1541

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 7.710 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01

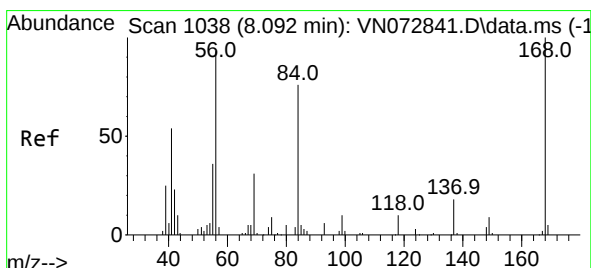
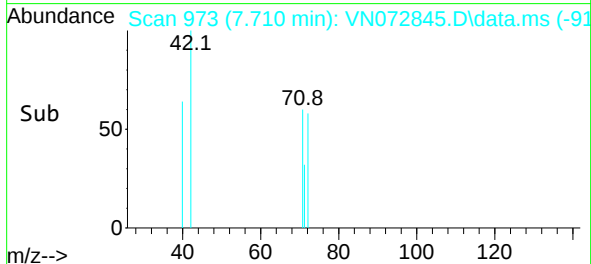
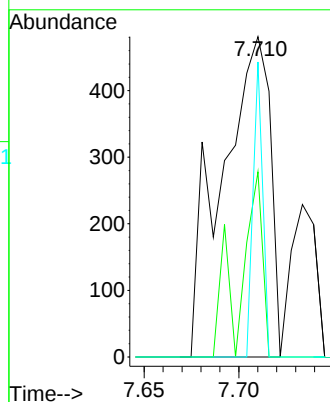
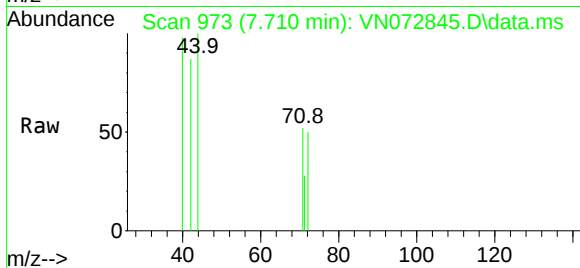
Tgt Ion: 42 Resp: 855

Ion Ratio Lower Upper

42 100

72 26.8 39.7 59.5#

71 18.2 36.6 55.0#



#31

Cyclohexane

Concen: Below Cal

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

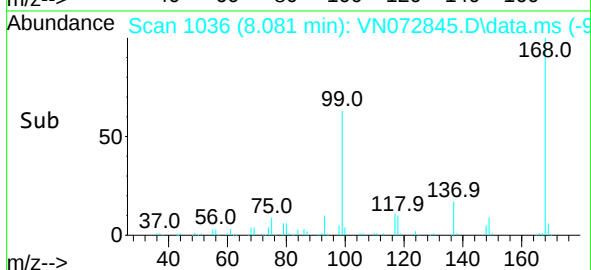
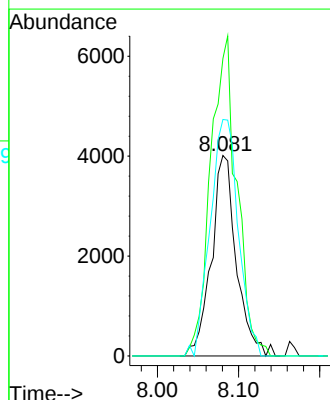
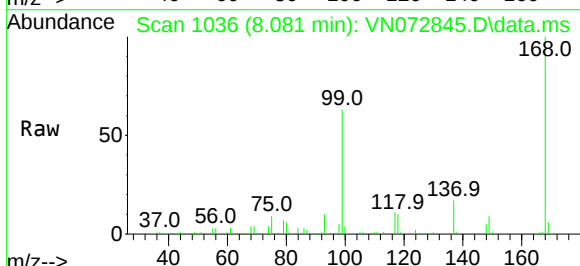
Tgt Ion: 56 Resp: 8602

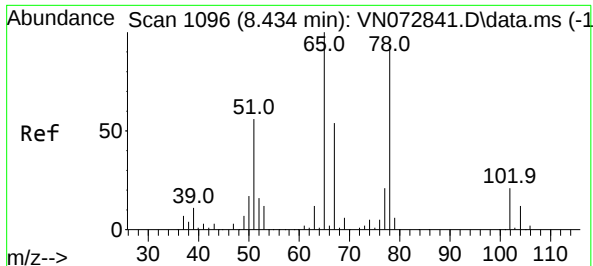
Ion Ratio Lower Upper

56 100

69 148.4 27.8 41.8#

84 118.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.269 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

Instrument :

MSVOA_N

ClientSampleId :

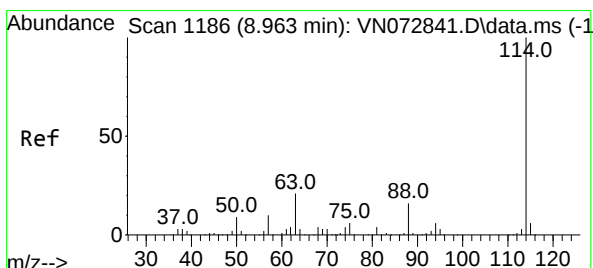
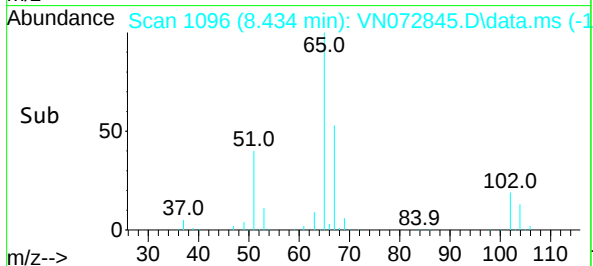
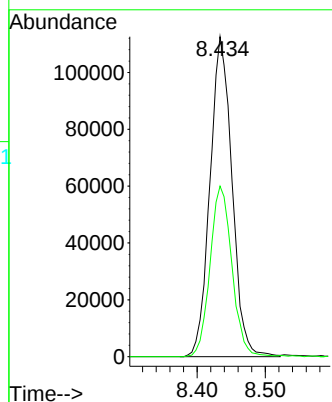
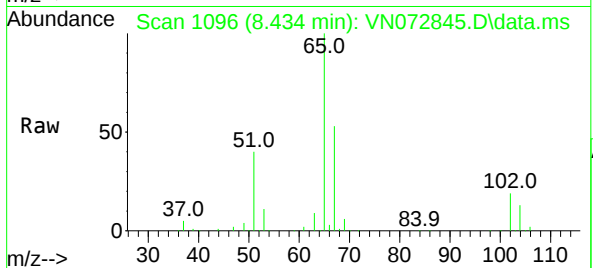
VN0614WBL01

Tgt Ion: 65 Resp: 253343

Ion Ratio Lower Upper

65 100

67 52.8 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: VN072845.D

Acq: 14 Jun 2022 21:25

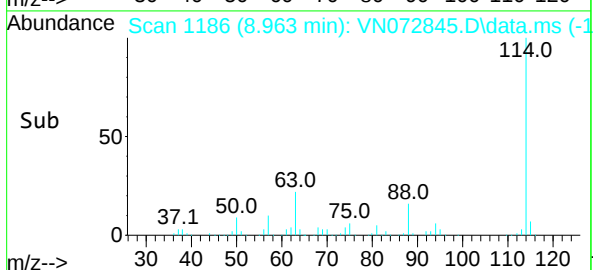
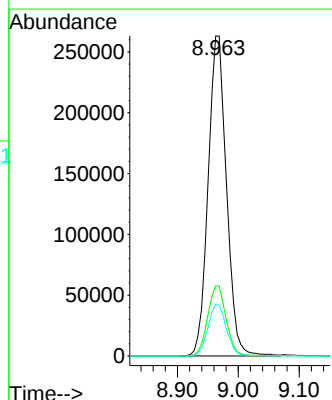
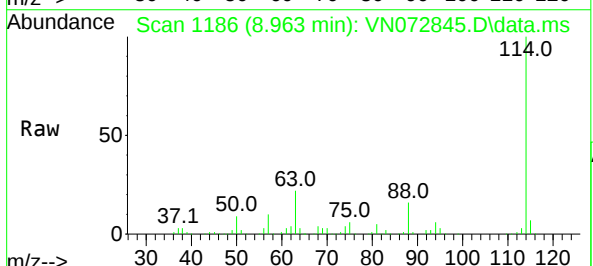
Tgt Ion: 114 Resp: 551411

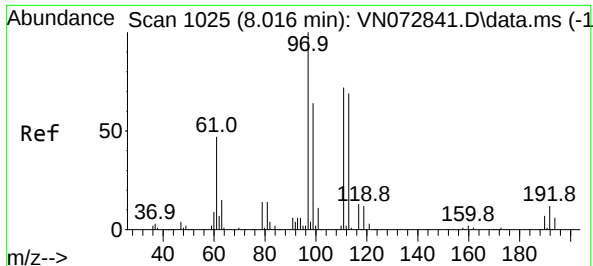
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 59.455 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01

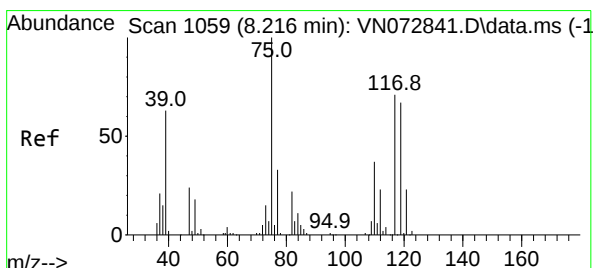
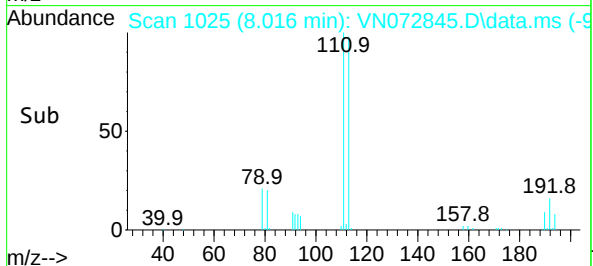
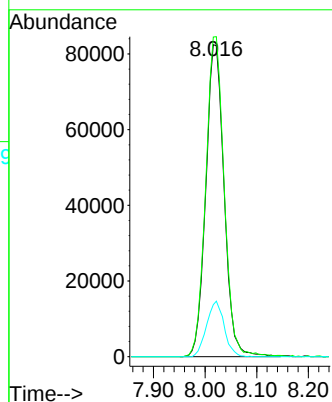
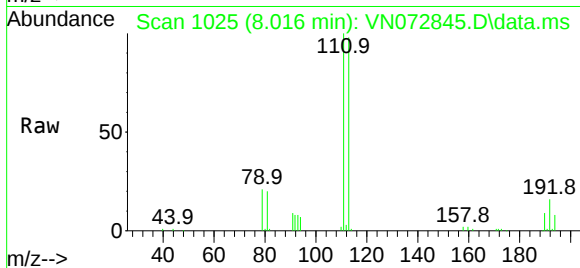
Tgt Ion:113 Resp: 202974

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 17.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.398 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

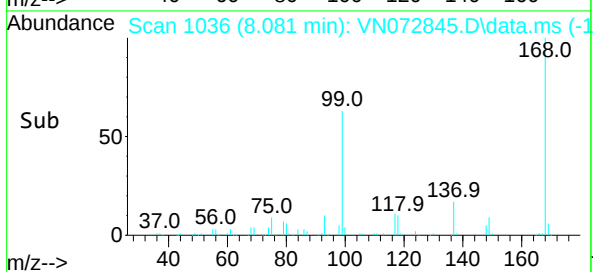
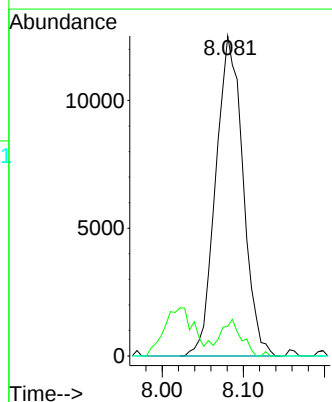
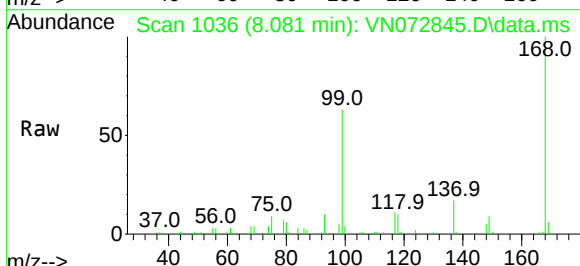
Tgt Ion: 75 Resp: 29169

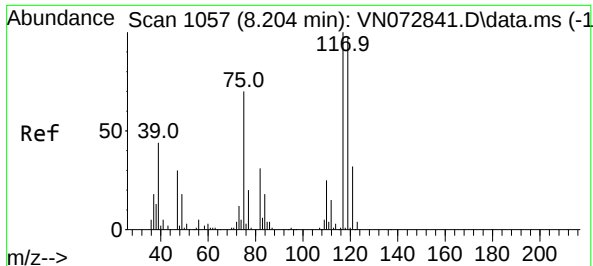
Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 25.1 37.7#

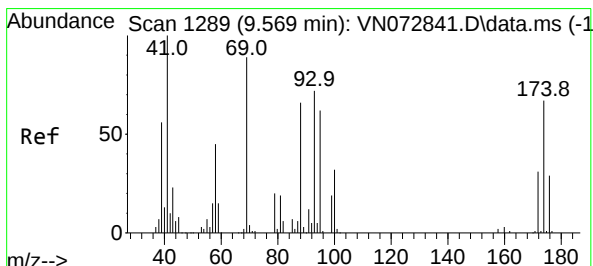
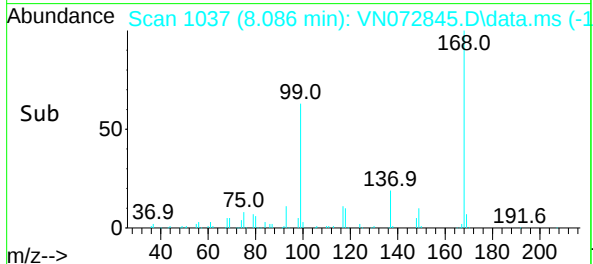
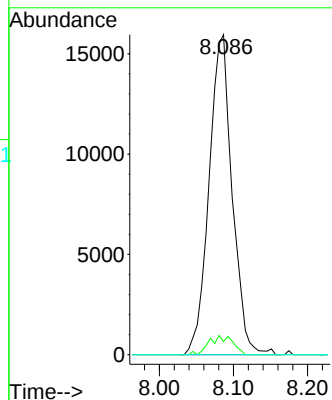
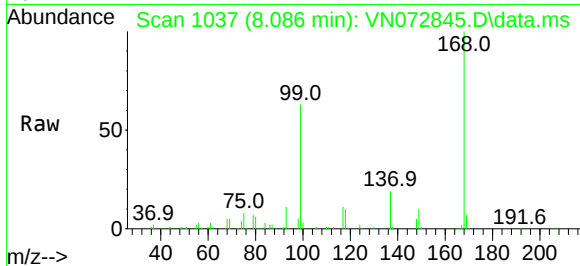




#38
Carbon Tetrachloride
Concen: 7.606 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

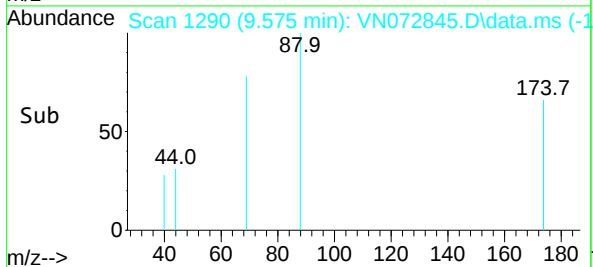
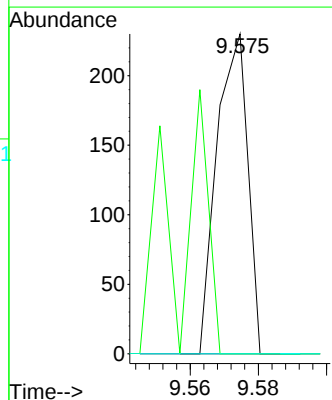
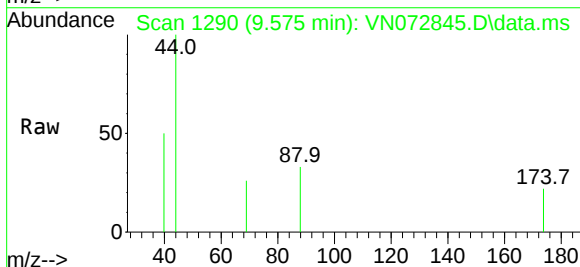
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

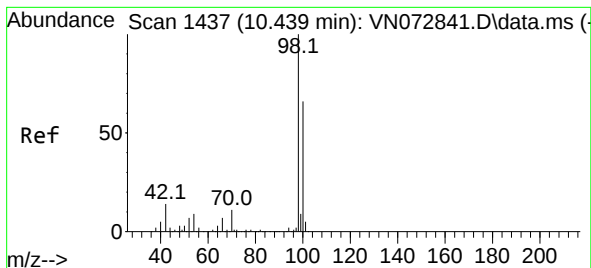
Tgt Ion:117 Resp: 34619
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 1.314 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#





#50

Toluene-d8

Concen: 50.490 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072845.D

Acq: 14 Jun 2022 21:25

Instrument :

MSVOA_N

ClientSampleId :

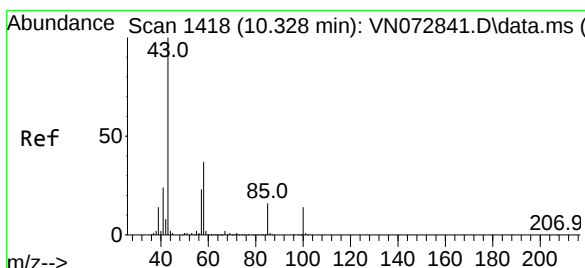
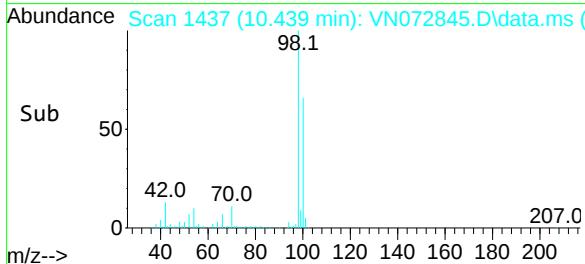
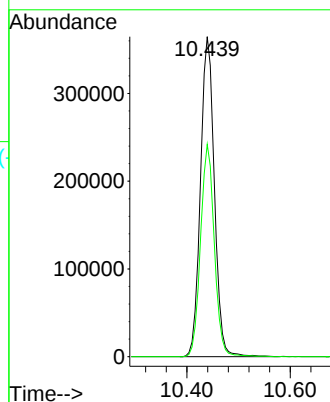
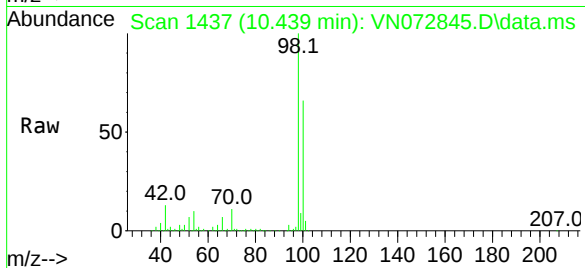
VN0614WBL01

Tgt Ion: 98 Resp: 680248

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.227 ug/l

RT: 10.333 min Scan# 1419

Delta R.T. 0.005 min

Lab File: VN072845.D

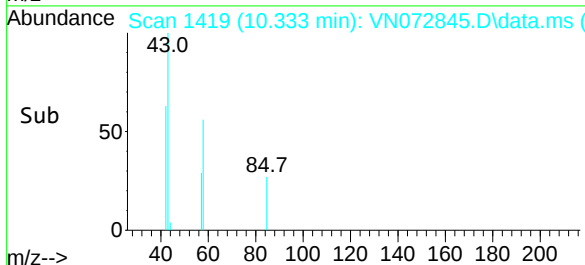
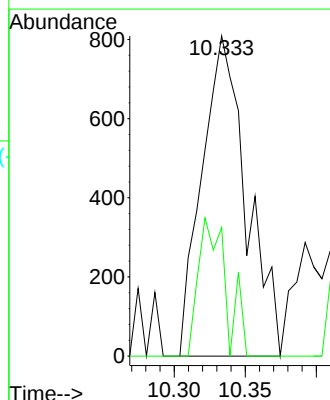
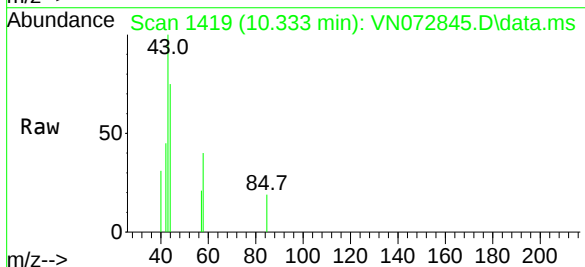
Acq: 14 Jun 2022 21:25

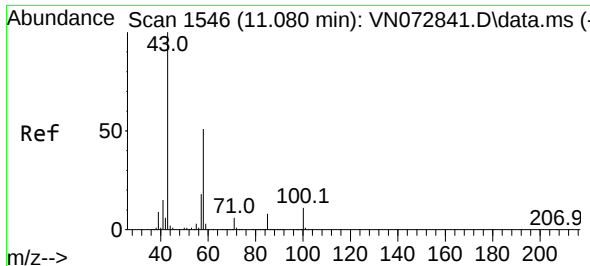
Tgt Ion: 43 Resp: 1764

Ion Ratio Lower Upper

43 100

58 26.8 34.1 51.1#

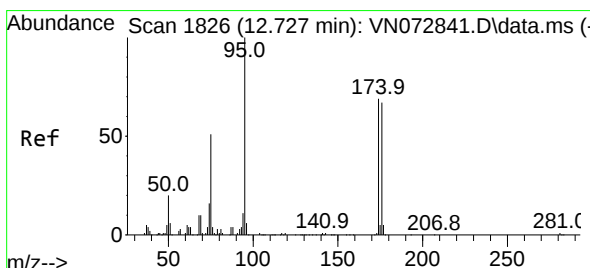
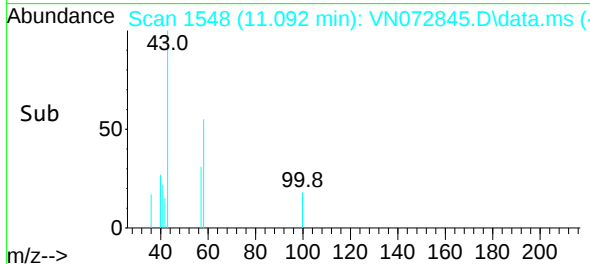
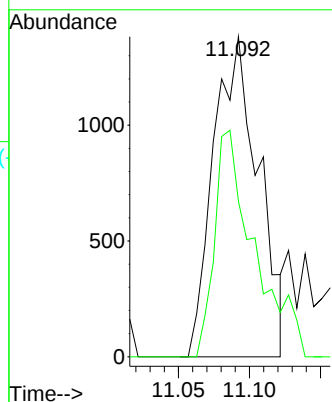
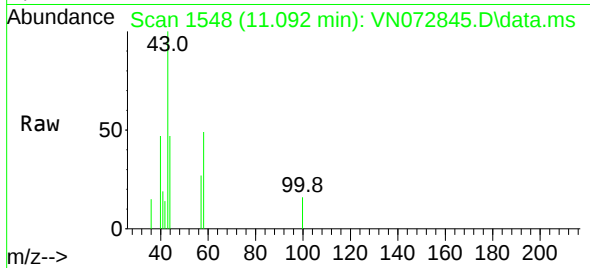




#59
2-Hexanone
Concen: 0.524 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

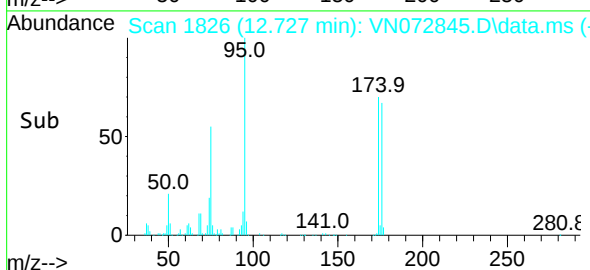
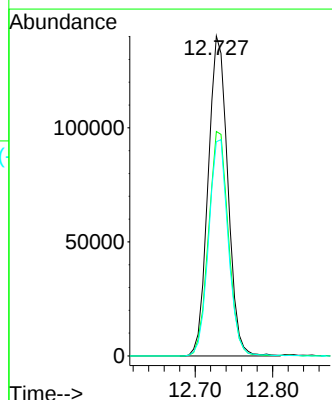
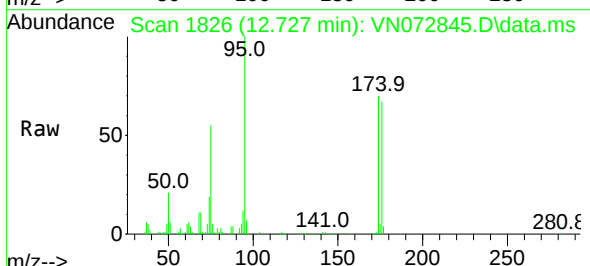
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

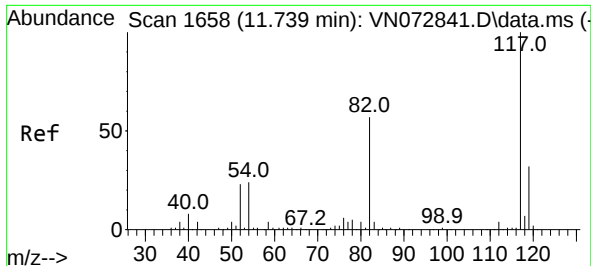
Tgt Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
58 62.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 54.561 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion: 95 Resp: 246757
Ion Ratio Lower Upper
95 100
174 70.8 0.0 167.6
176 67.4 0.0 163.4

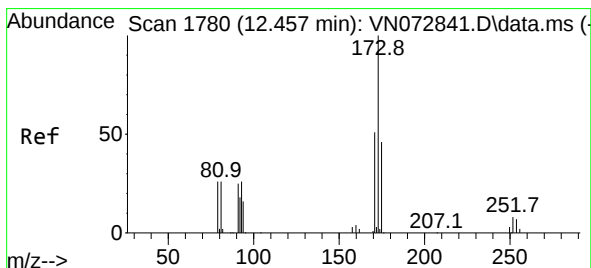
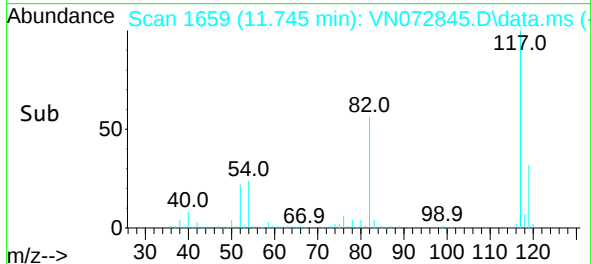
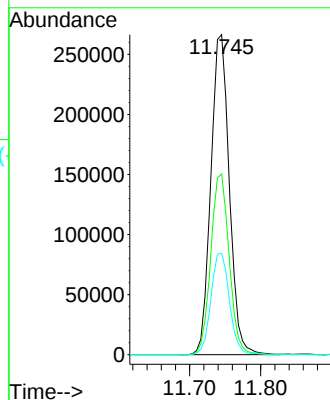
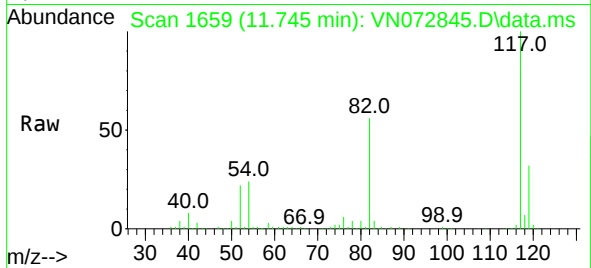




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

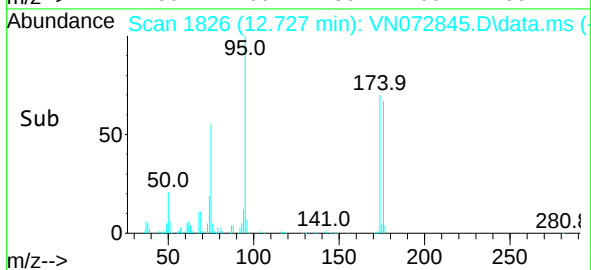
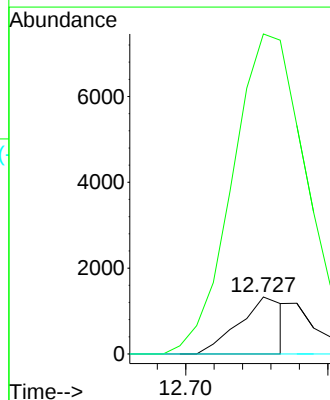
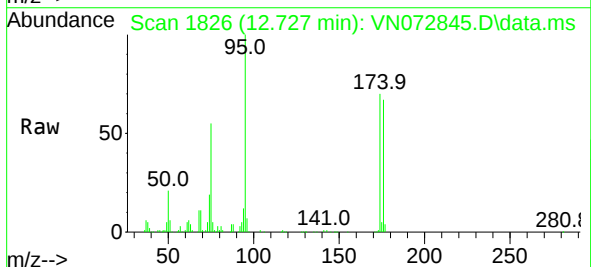
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

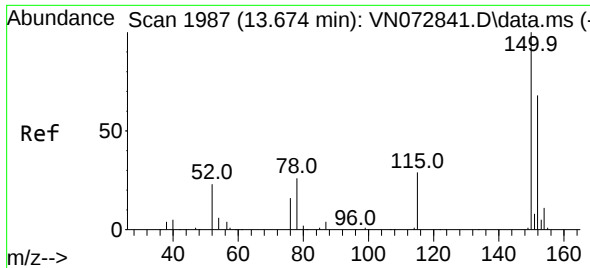
Tgt Ion:117 Resp: 481038
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 31.7 25.4 38.0



#71
Bromoform
Concen: 0.555 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion:173 Resp: 1456
Ion Ratio Lower Upper
173 100
175 660.6 24.6 73.6#
254 0.0 0.1 0.1#

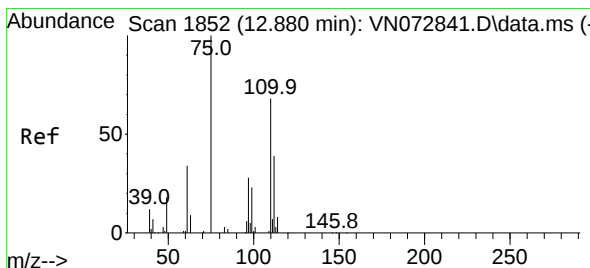
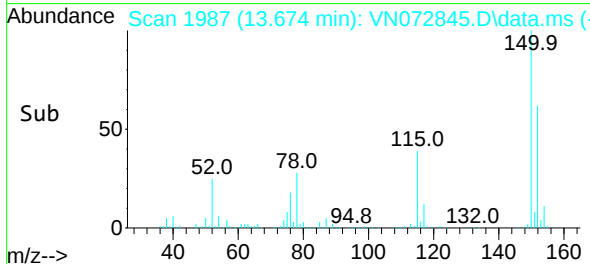
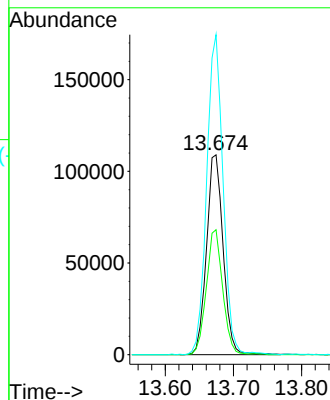
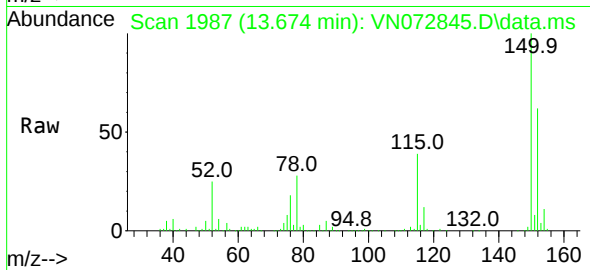




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: VN072845.D
 Acq: 14 Jun 2022 21:25

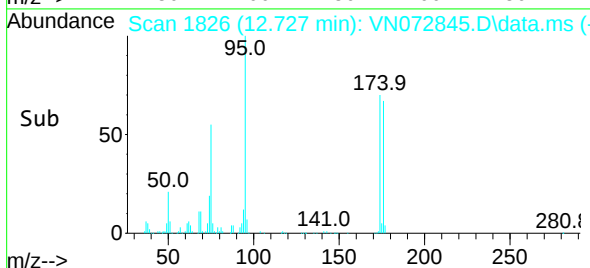
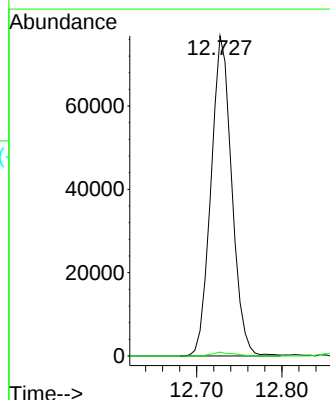
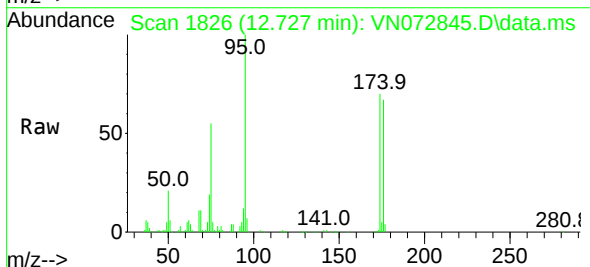
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBL01

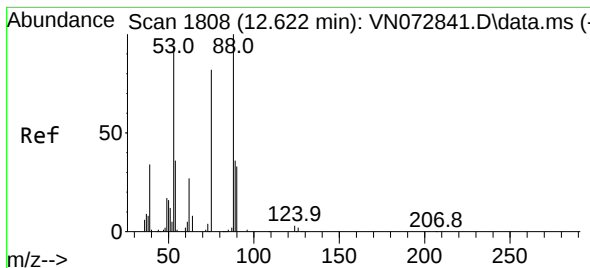
Tgt Ion:152 Resp: 185003
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.9 86.7
 150 156.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.427 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.153 min
 Lab File: VN072845.D
 Acq: 14 Jun 2022 21:25

Tgt Ion: 75 Resp: 130349
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

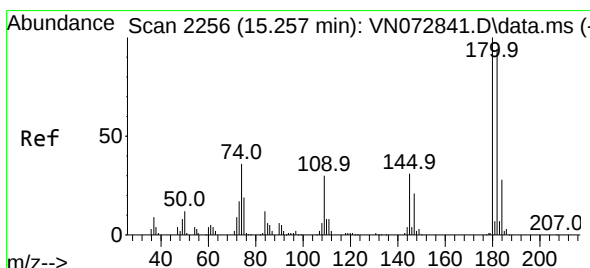
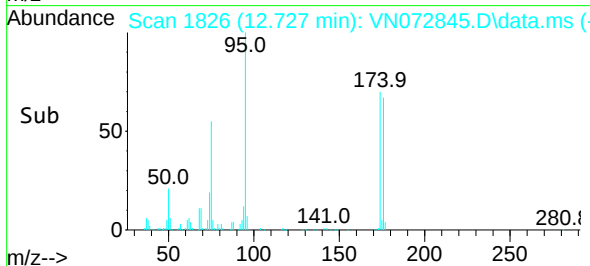
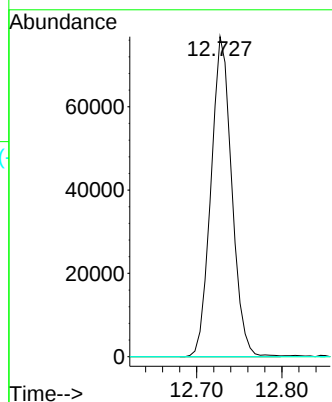
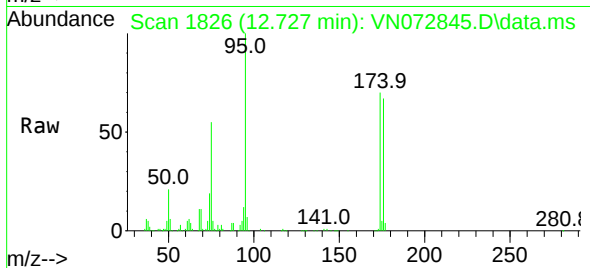




#81
trans-1,4-Dichloro-2-butene
Concen: 75.965 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

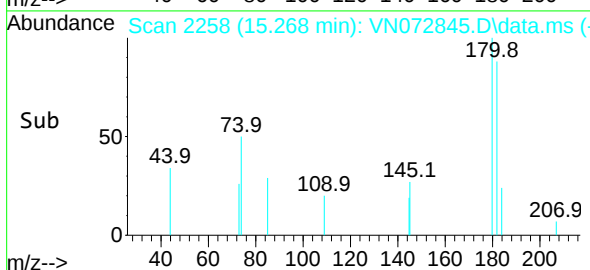
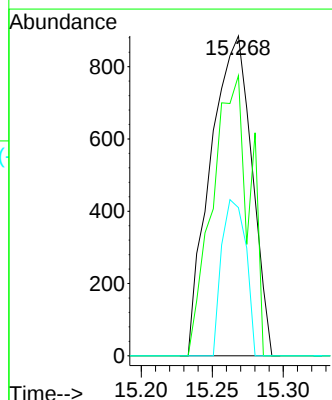
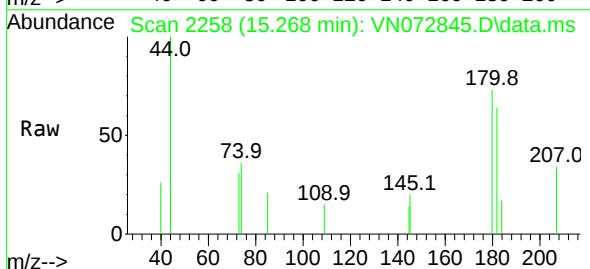
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

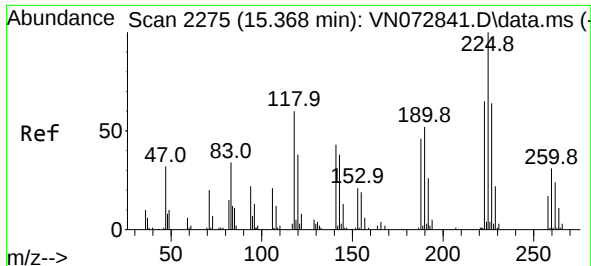
Tgt Ion: 75 Resp: 130349
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.589 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion:180 Resp: 1790
Ion Ratio Lower Upper
180 100
182 78.8 47.5 142.5
145 28.5 14.5 43.5

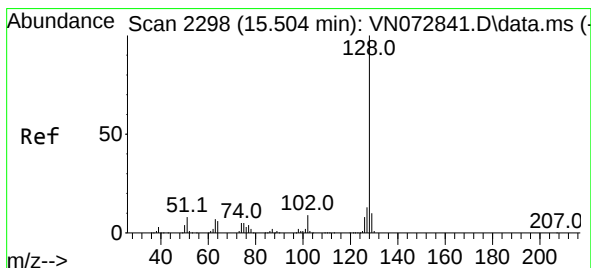
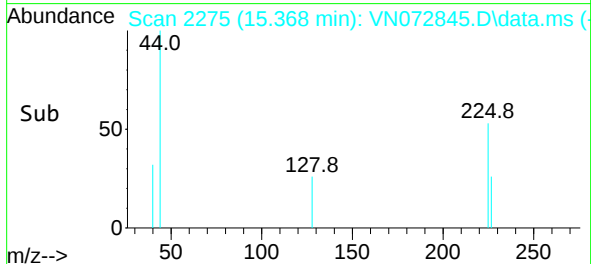
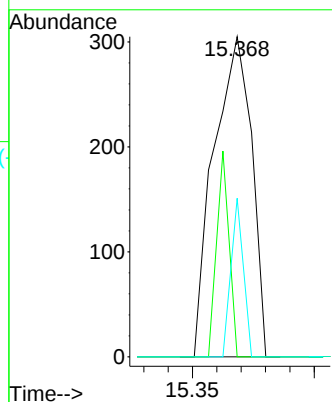
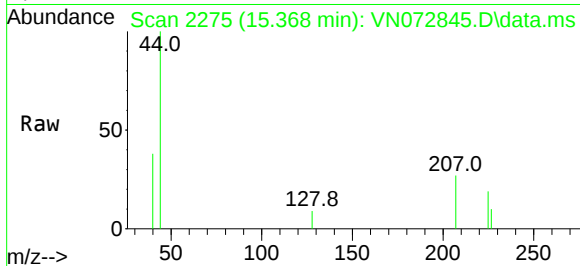




#94
Hexachlorobutadiene
Concen: 0.235 ug/l
RT: 15.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

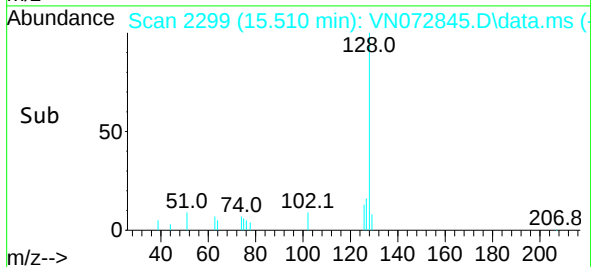
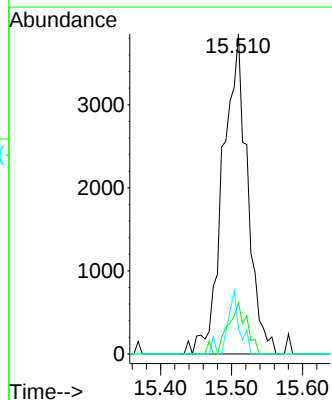
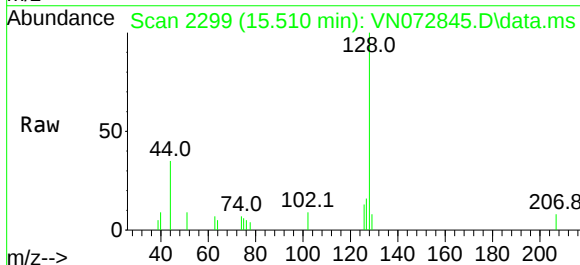
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

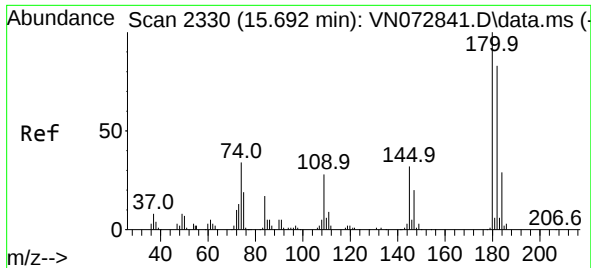
Tgt Ion	Ratio	Lower	Upper
225	100		
223	21.0	32.4	97.2#
227	16.1	31.8	95.4#



#95
Naphthalene
Concen: 0.799 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN072845.D
Acq: 14 Jun 2022 21:25

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	8.8	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.707 ug/l

RT: 15.710 min Scan# 21

Delta R.T. 0.018 min

Lab File: VN072845.D

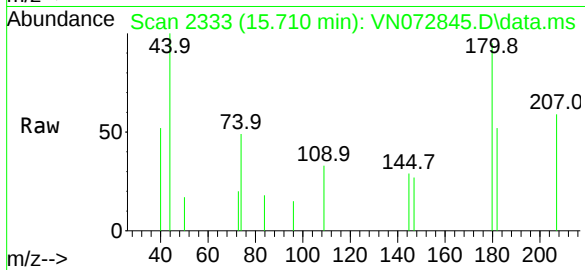
Acq: 14 Jun 2022 21:25

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01



Tgt Ion:180 Resp: 2209

Ion Ratio Lower Upper

180 100

182 88.7 47.8 143.3

145 26.7 15.5 46.5

