

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072248.D
 Acq On : 28 Apr 2022 19:23
 Operator : JC\MD
 Sample : N2617-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Apr 29 06:36:41 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	273195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	496930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	539525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	234795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	205470	48.990	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.980%		
35) Dibromofluoromethane	8.022	113	149275	46.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.860%		
50) Toluene-d8	10.439	98	640979	51.287	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.727	95	276809	66.728	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	133.460%		
Target Compounds						
						Qvalue
3) Chloromethane	2.258	50	20679	5.295	ug/l	# 67
5) Bromomethane	2.887	94	113	Below Cal	#	2
6) Chloroethane	3.252	64	254	Below Cal	#	42
11) Tert butyl alcohol	5.357	59	47036	68.243	ug/l	# 72
13) Acrolein	3.987	56	34501	49.740	ug/l	# 1
14) Allyl chloride	4.963	41	30595	5.647	ug/l	# 41
15) Acrylonitrile	5.628	53	33388	16.053	ug/l	# 38
16) Acetone	4.257	43	76795	42.469	ug/l	# 54
17) Carbon Disulfide	4.552	76	3206	0.882	ug/l	# 75
18) Methyl Acetate	5.081	43	447728	88.600	ug/l	# 48
19) Methyl tert-butyl Ether	5.610	73	480724	47.002	ug/l	# 1
20) Methylene Chloride	5.093	84	2480	0.715	ug/l	# 1
22) Diisopropyl ether	6.493	45	83891	7.518	ug/l	# 93
23) Vinyl Acetate	6.487	43	52829	5.637	ug/l	# 68
24) 1,1-Dichloroethane	6.469	63	4567	0.732	ug/l	# 82
25) 2-Butanone	7.328	43	13113	4.553	ug/l	# 54
28) Bromochloromethane	7.845	49	1960	0.701	ug/l	# 8
29) Tetrahydrofuran	7.657	42	1046	0.553	ug/l	# 33
30) Chloroform	7.840	83	6393	1.020	ug/l	# 76
31) Cyclohexane	8.092	56	297940	53.165	ug/l	90
36) 1,1-Dichloropropene	8.087	75	24439	5.279	ug/l	# 49
37) Ethyl Acetate	7.328	43	13113	2.133	ug/l	# 73
38) Carbon Tetrachloride	8.081	117	29258	5.901	ug/l	# 18
39) Methylcyclohexane	9.457	83	176524	34.092	ug/l	91
40) Benzene	8.457	78	2241973	156.124	ug/l	99
41) Methacrylonitrile	7.669	41	8315	2.673	ug/l	# 30
42) 1,2-Dichloroethane	8.457	62	21310	3.876	ug/l	74
43) Isopropyl Acetate	8.551	43	46727	5.564	ug/l	# 53
44) Trichloroethene	9.204	130	2325	0.696	ug/l	99
45) 1,2-Dichloropropane	9.451	63	2326	0.599	ug/l	# 1
46) Dibromomethane	9.528	93	864	0.355	ug/l	# 1
47) Bromodichloromethane	9.734	83	6260	1.227	ug/l	# 26
48) Methyl methacrylate	9.586	41	6284	1.547	ug/l	# 24
51) 4-Methyl-2-Pentanone	10.334	43	2267	0.391	ug/l	# 82
52) Toluene	10.498	92	431006	50.206	ug/l	98
53) t-1,3-Dichloropropene	10.504	75	6026	1.175	ug/l	# 1

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 Response via : Initial Calibration

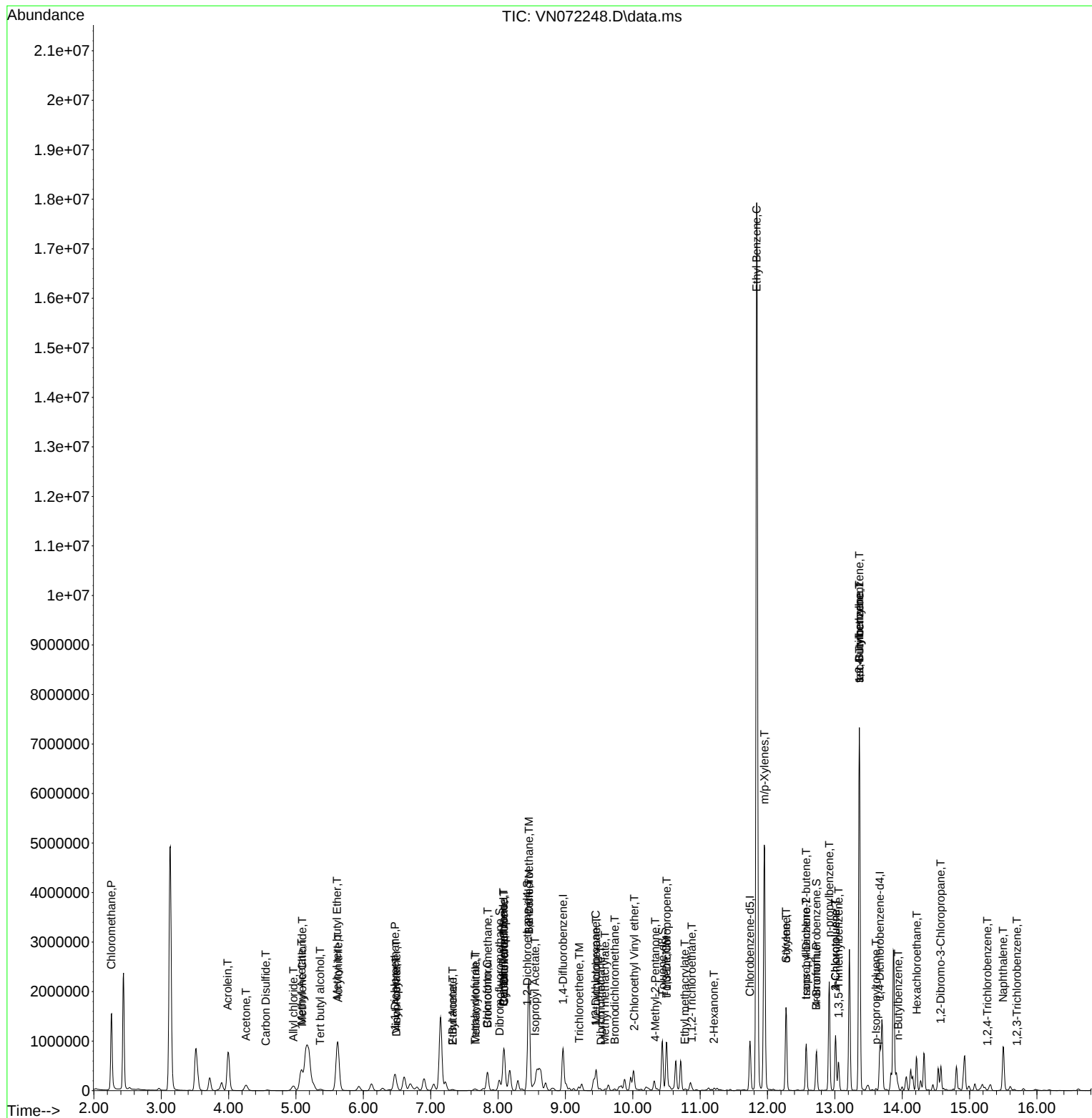
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,1,2-Trichloroethane	10.875	97	22020	6.117	ug/l #	21
56) Ethyl methacrylate	10.775	69	3089	2.832	ug/l #	19
58) 2-Chloroethyl Vinyl ether	10.022	63	1362	18.479	ug/l #	44
59) 2-Hexanone	11.204	43	3384	0.828	ug/l	63
67) Ethyl Benzene	11.839	91	13027677	685.267	ug/l	99
68) m/p-Xylenes	11.957	106	1480040	209.650	ug/l	89
69) o-Xylene	12.275	106	442025	64.587	ug/l	90
70) Styrene	12.275	104	22577	2.094	ug/l #	1
71) Bromoform	12.722	173	1202	0.393	ug/l #	28
73) Isopropylbenzene	12.575	105	604494	29.150	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	54	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.916	75	12256	Below Cal	#	1
78) n-propylbenzene	12.916	91	1726020	75.553	ug/l	95
79) 2-Chlorotoluene	13.010	91	89172	5.943	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	321817	18.634	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.575	75	8181	4.029	ug/l #	66
82) 4-Chlorotoluene	13.010	91	89172	6.384	ug/l #	40
83) tert-Butylbenzene	13.363	119	485726	32.033	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.363	105	4210578	251.987	ug/l	94
85) sec-Butylbenzene	13.363	105	4210578	212.991	ug/l #	56
86) p-Isopropyltoluene	13.610	119	19493	1.265	ug/l #	76
89) n-Butylbenzene	13.939	91	60752	5.146	ug/l #	82
90) Hexachloroethane	14.216	117	33079	9.887	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.569	75	2307	1.609	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	59	2.435	ug/l #	12
95) Naphthalene	15.498	128	813627	65.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	55	2.688	ug/l #	12

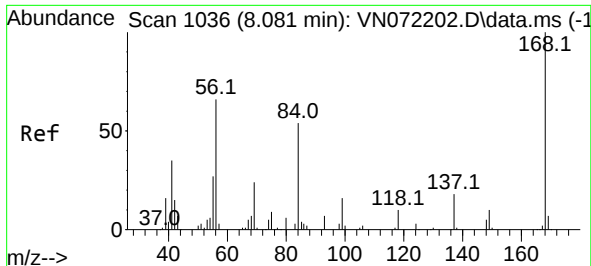
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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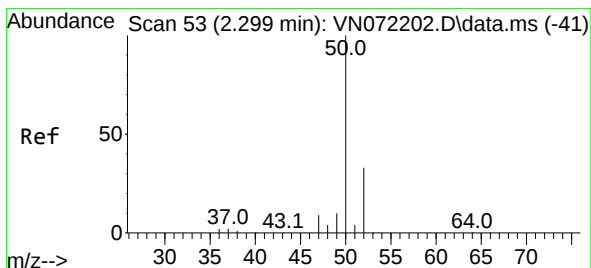
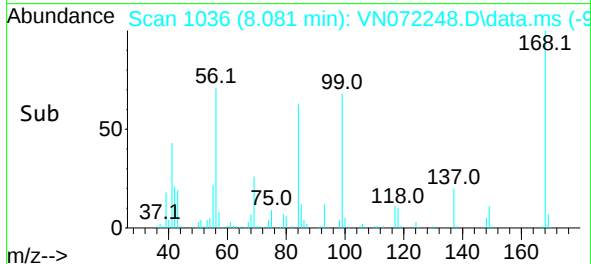
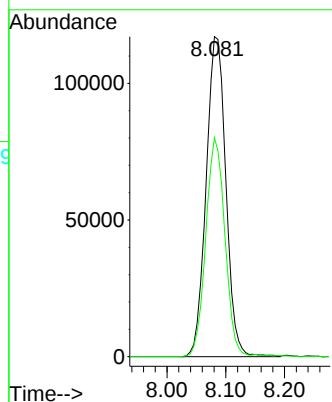
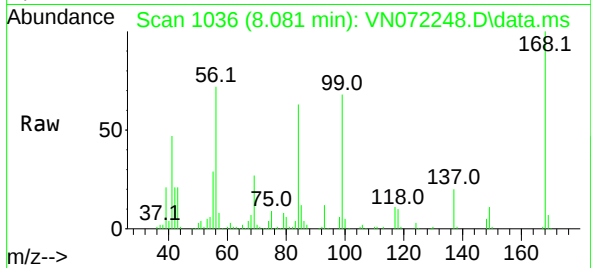




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

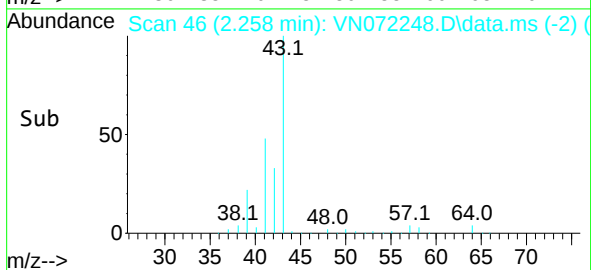
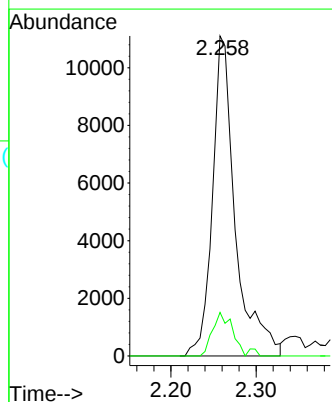
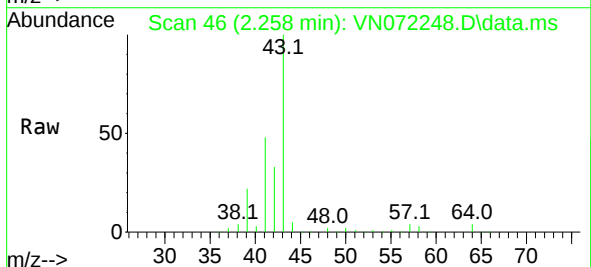
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ClientSampleId :
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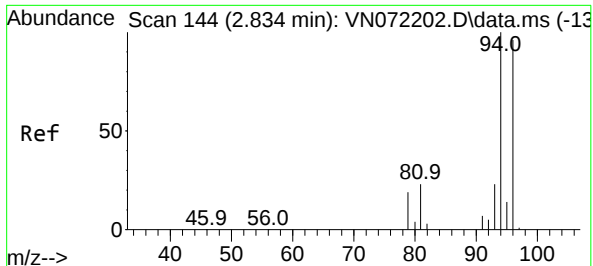
Tgt Ion:168 Resp: 273195
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5#



#3
Chloromethane
Concen: 5.295 ug/l
RT: 2.258 min Scan# 46
Delta R.T. -0.041 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 50 Resp: 20679
Ion Ratio Lower Upper
50 100
52 13.6 25.7 38.5#

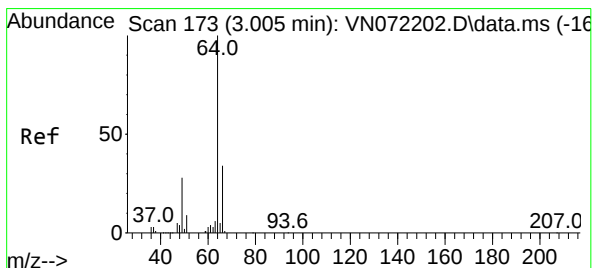
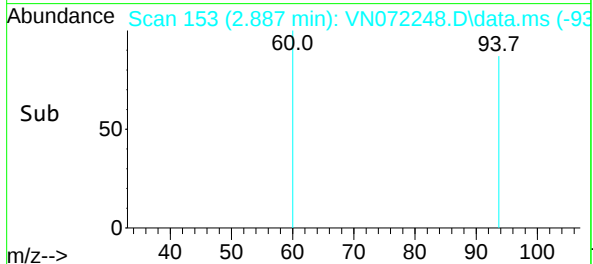
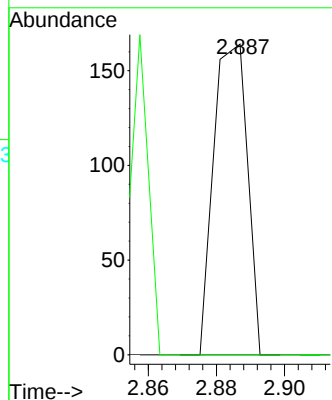
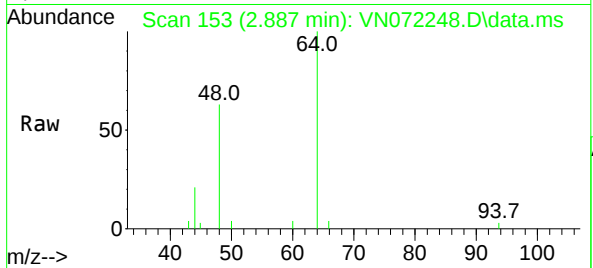




#5
Bromomethane
Concen: Below Cal
RT: 2.887 min Scan# 113
Delta R.T. 0.053 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

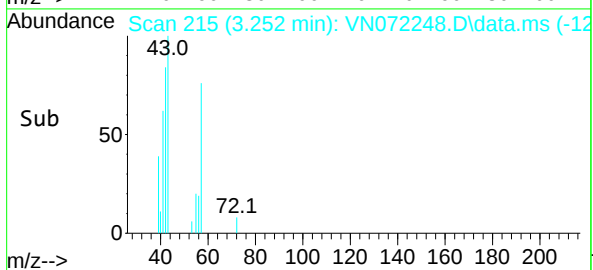
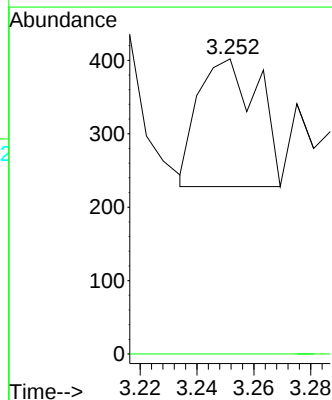
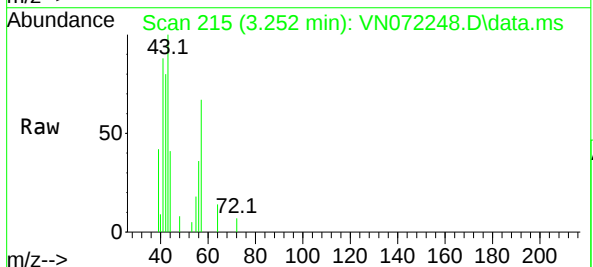
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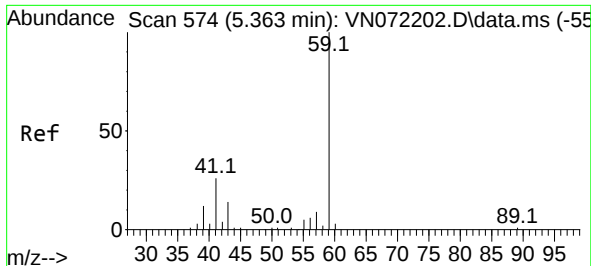
Tgt Ion: 94 Resp: 113
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.252 min Scan# 215
Delta R.T. 0.247 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

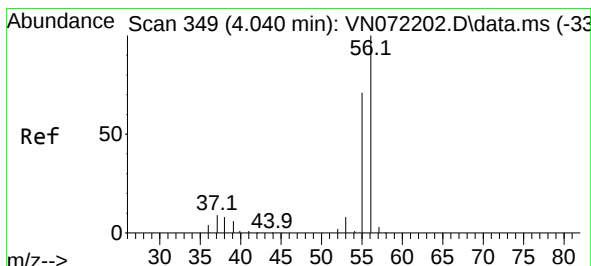
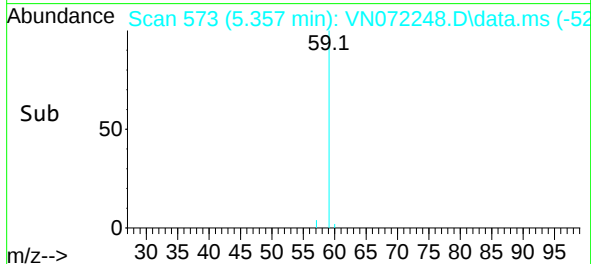
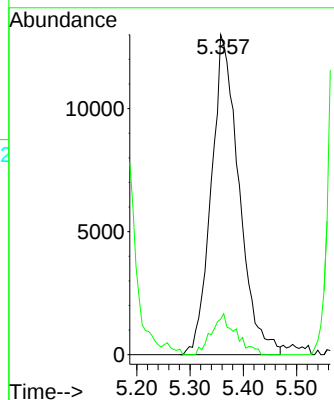
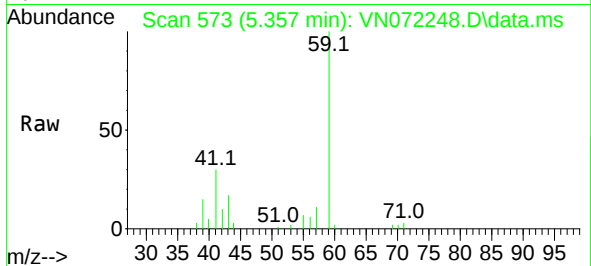




#11
Tert butyl alcohol
Concen: 68.243 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

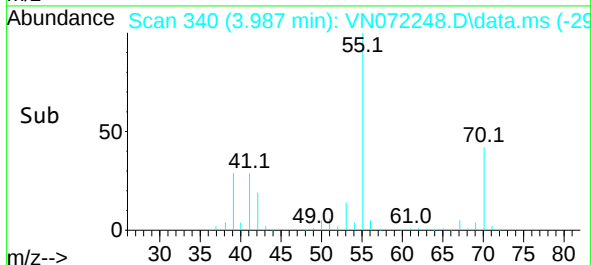
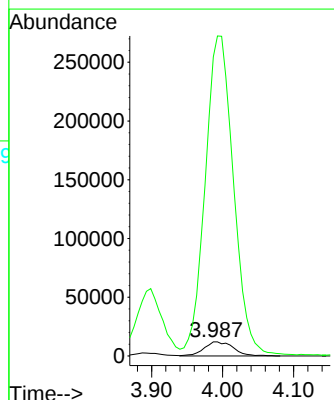
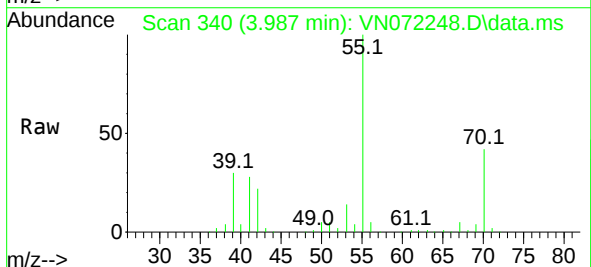
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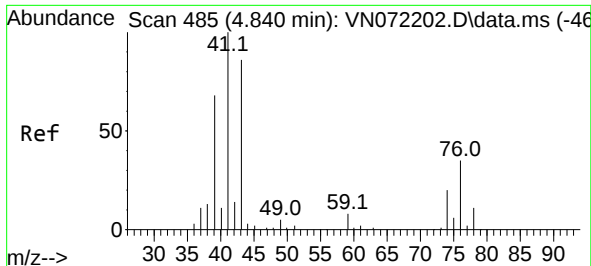
Tgt Ion: 59 Resp: 47036
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 49.740 ug/l
RT: 3.987 min Scan# 340
Delta R.T. -0.053 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 56 Resp: 34501
Ion Ratio Lower Upper
56 100
55 2175.9 54.8 82.2#

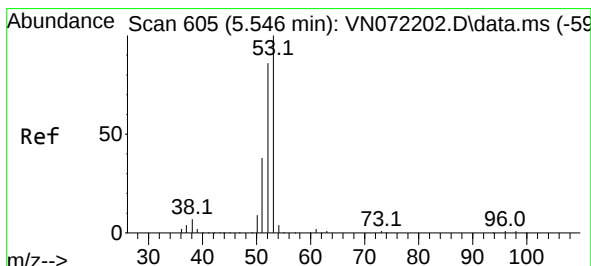
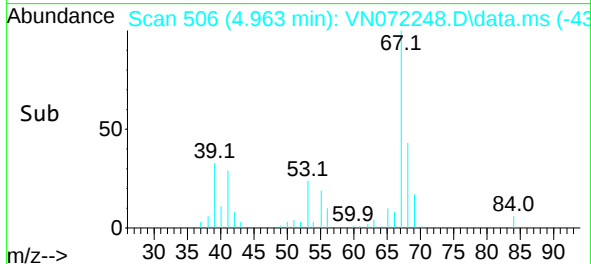
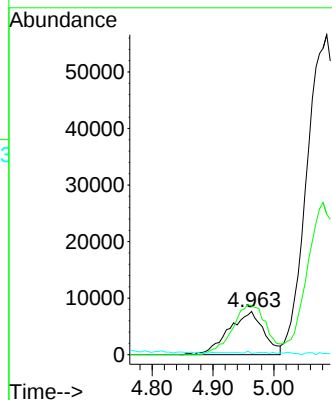
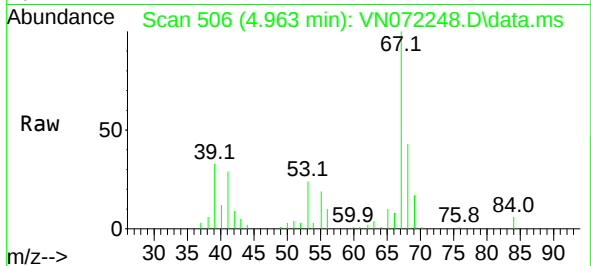




#14
 Allyl chloride
 Concen: 5.647 ug/l
 RT: 4.963 min Scan# 50
 Delta R.T. 0.123 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

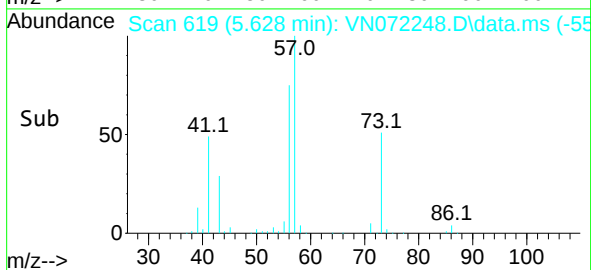
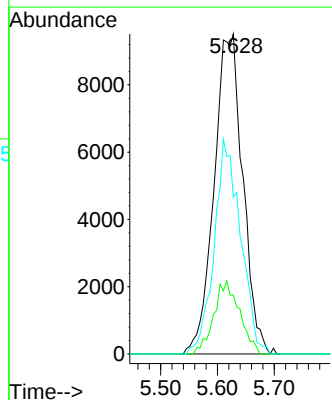
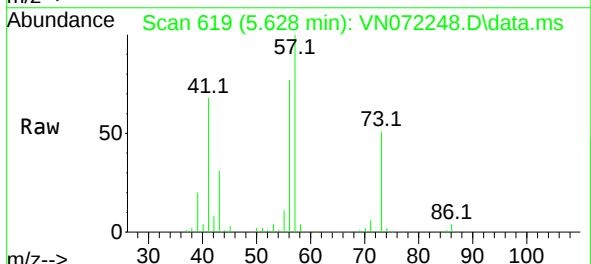
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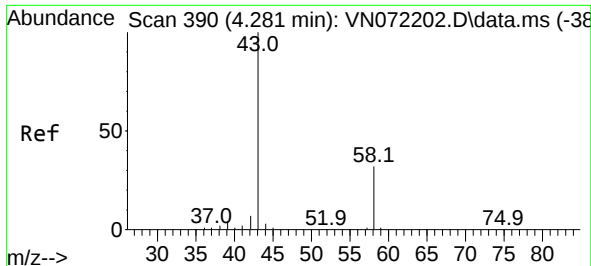
Tgt Ion: 41 Resp: 30595
 Ion Ratio Lower Upper
 41 100
 39 111.9 53.2 79.8#
 76 0.3 29.9 44.9#



#15
 Acrylonitrile
 Concen: 16.053 ug/l
 RT: 5.628 min Scan# 619
 Delta R.T. 0.082 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

Tgt Ion: 53 Resp: 33388
 Ion Ratio Lower Upper
 53 100
 52 20.4 66.4 99.6#
 51 61.6 28.5 42.7#

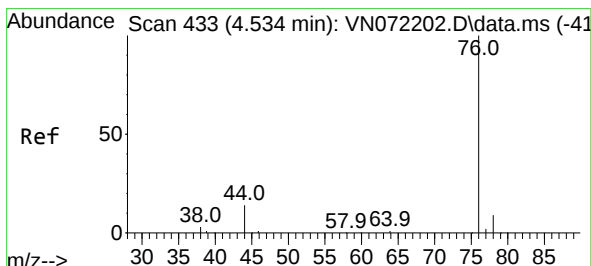
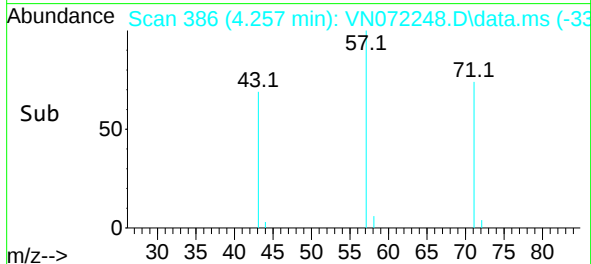
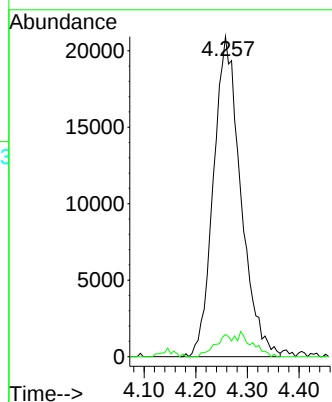
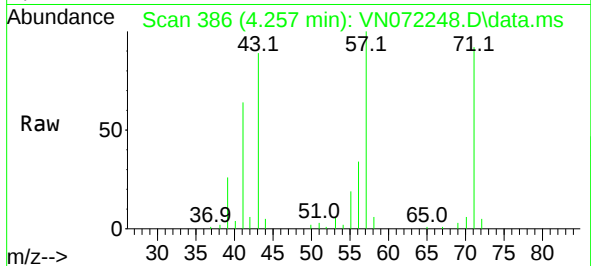




#16
Acetone
Concen: 42.469 ug/l
RT: 4.257 min Scan# 386
Delta R.T. -0.024 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

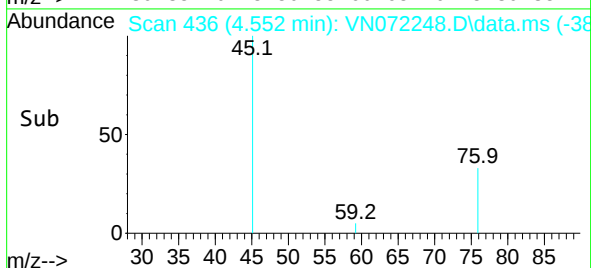
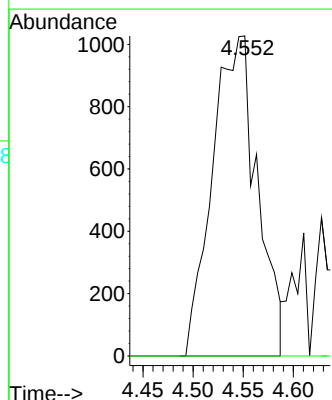
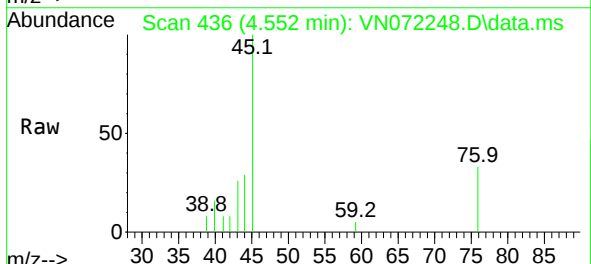
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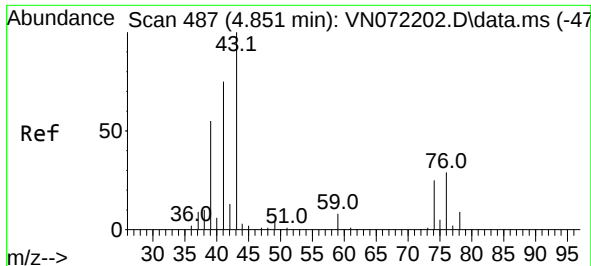
Tgt Ion: 43 Resp: 76795
Ion Ratio Lower Upper
43 100
58 6.9 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.882 ug/l
RT: 4.552 min Scan# 436
Delta R.T. 0.018 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 76 Resp: 3206
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 88.600 ug/l

RT: 5.081 min Scan# 51

Delta R.T. 0.230 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

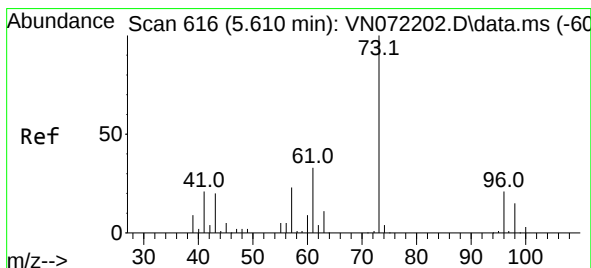
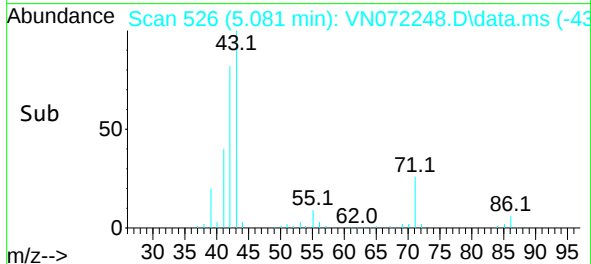
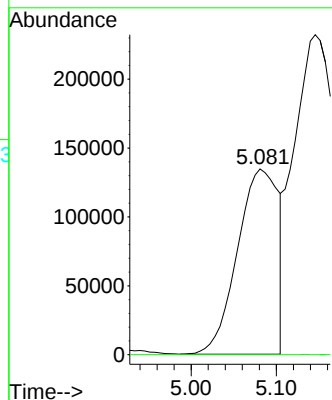
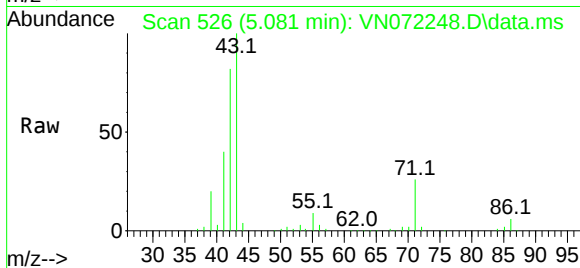
MW-14

Tgt Ion: 43 Resp: 447728

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#19

Methyl tert-butyl Ether

Concen: 47.002 ug/l

RT: 5.610 min Scan# 616

Delta R.T. 0.000 min

Lab File: VN072248.D

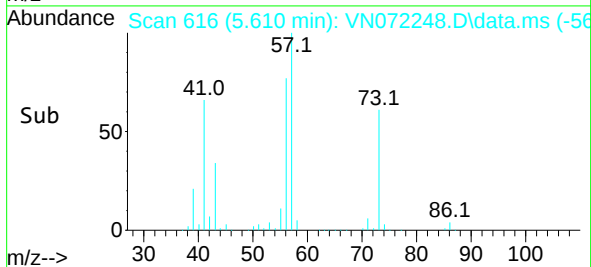
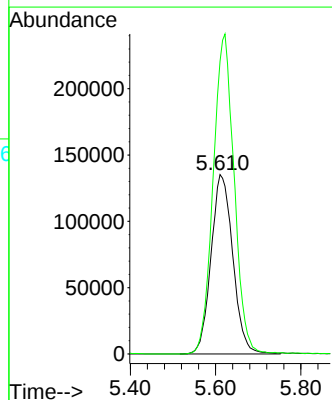
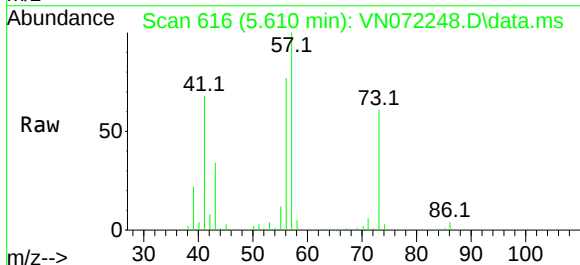
Acq: 28 Apr 2022 19:23

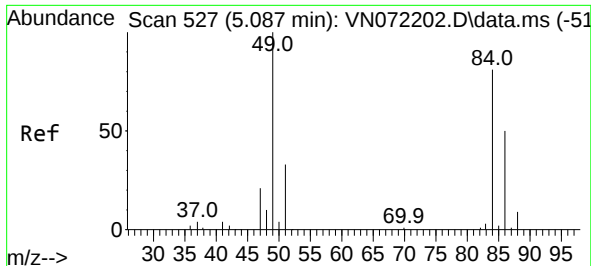
Tgt Ion: 73 Resp: 480724

Ion Ratio Lower Upper

73 100

57 163.1 17.6 26.4#

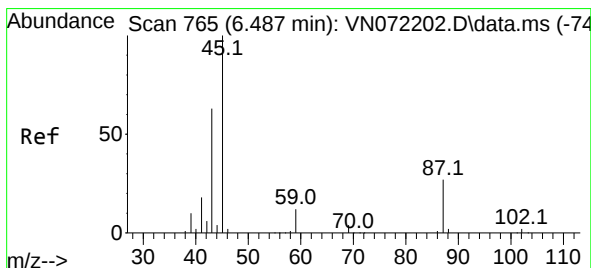
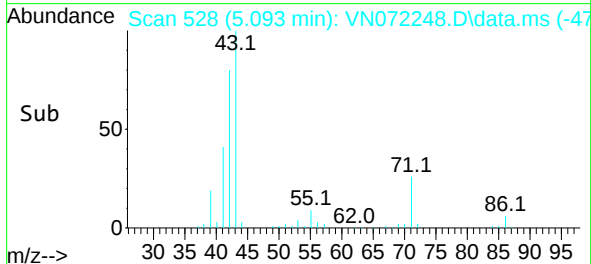
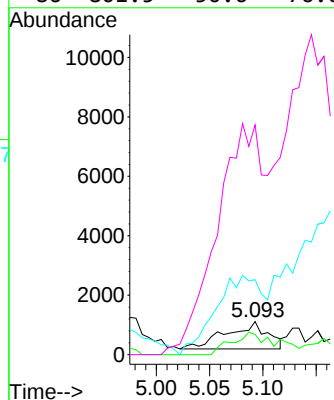
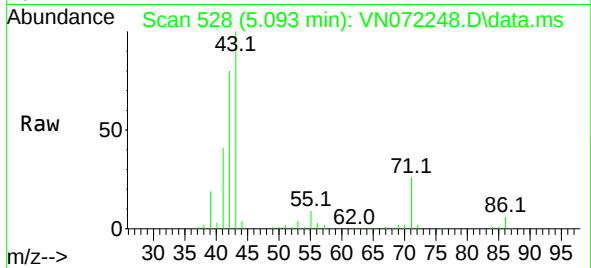




#20
Methylene Chloride
Concen: 0.715 ug/l
RT: 5.093 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

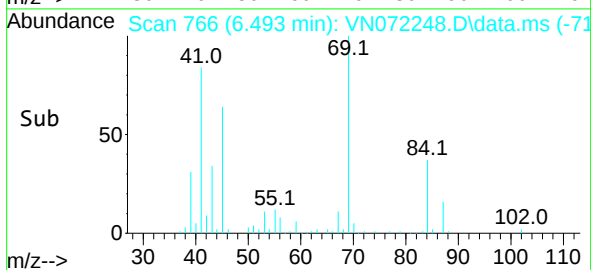
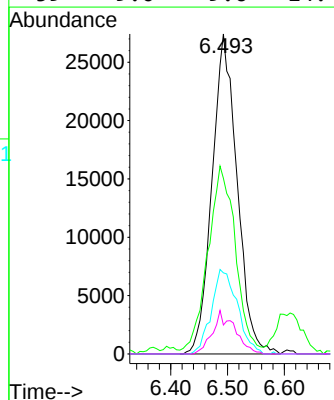
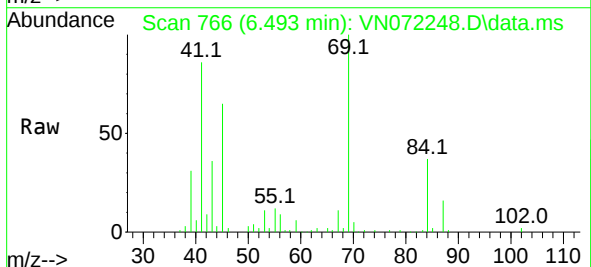
Instrument :
MSVOA_N
ClientSampleId :
MW-14

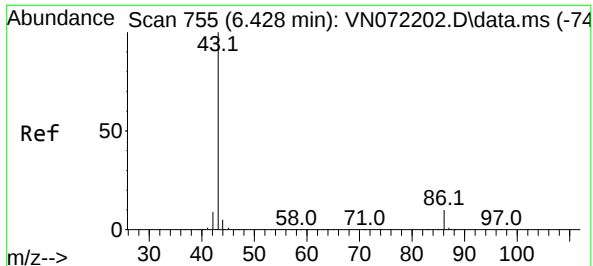
Tgt Ion: 84 Resp: 2480
Ion Ratio Lower Upper
84 100
49 74.2 88.3 132.5#
51 274.3 28.2 42.2#
86 801.5 50.6 76.0#



#22
Diisopropyl ether
Concen: 7.518 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 45 Resp: 83891
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 25.3 24.3 36.5
59 9.0 9.6 14.4#

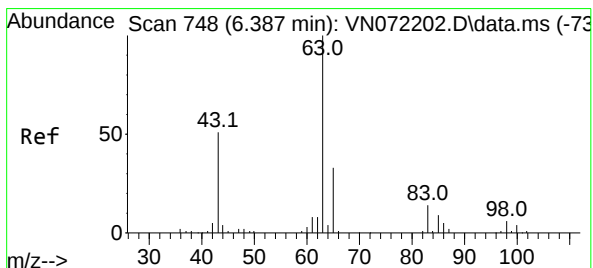
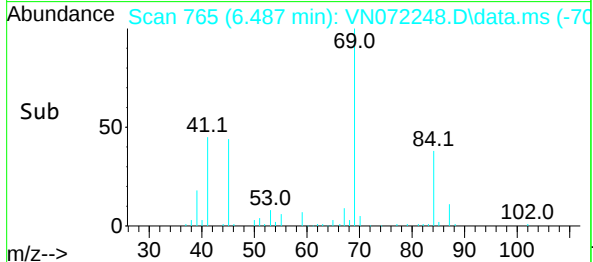
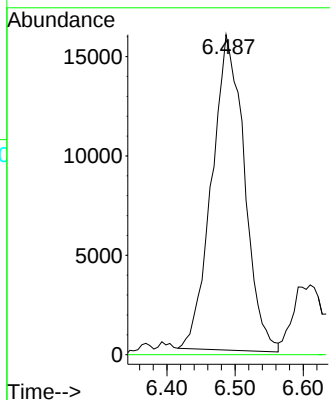
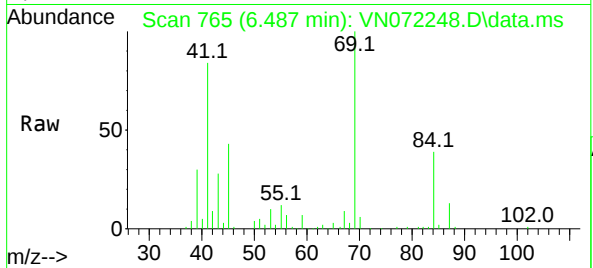




#23
 Vinyl Acetate
 Concen: 5.637 ug/l
 RT: 6.487 min Scan# 70
 Delta R.T. 0.059 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

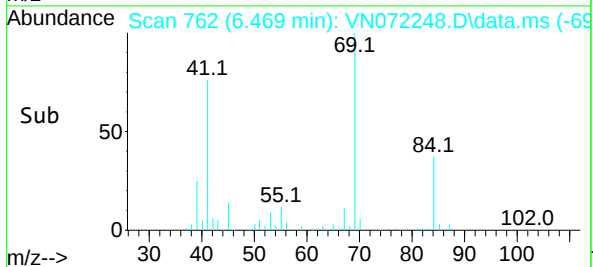
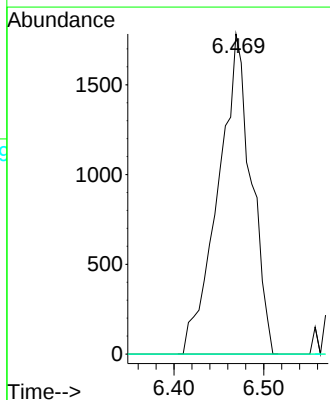
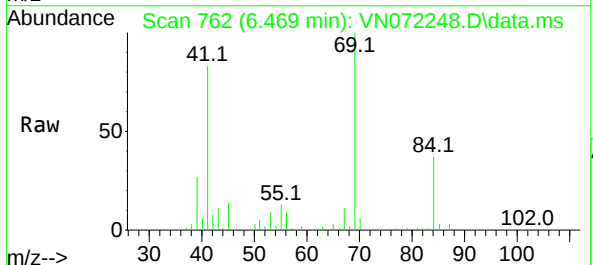
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

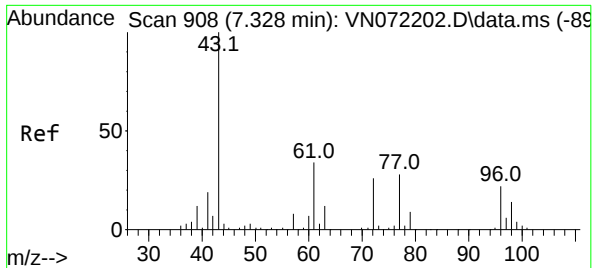
Tgt Ion: 43 Resp: 52829
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.732 ug/l
 RT: 6.469 min Scan# 762
 Delta R.T. 0.082 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

Tgt Ion: 63 Resp: 4567
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 4.553 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

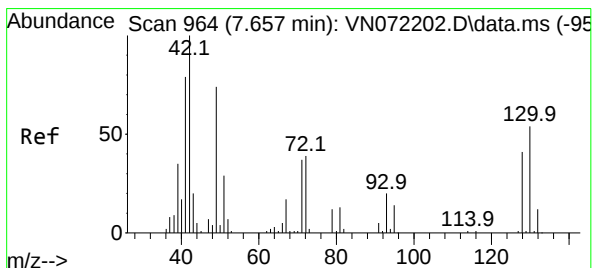
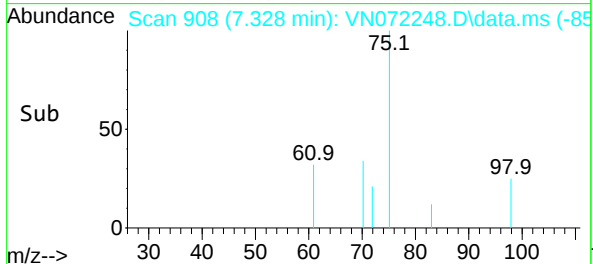
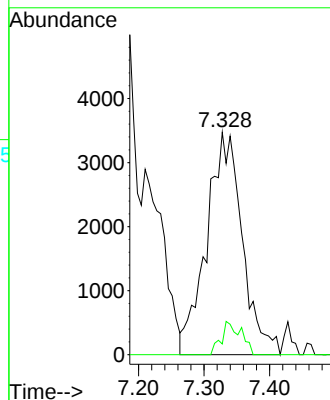
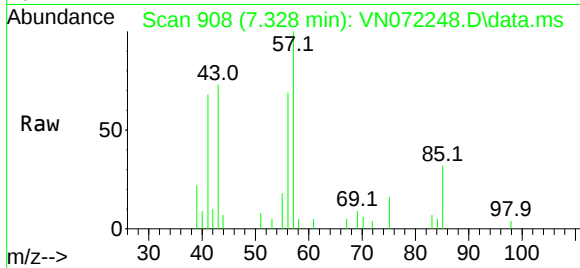
MW-14

Tgt Ion: 43 Resp: 13113

Ion Ratio Lower Upper

43 100

72 4.8 23.7 35.5#



#28

Bromochloromethane

Concen: 0.701 ug/l

RT: 7.845 min Scan# 996

Delta R.T. 0.188 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

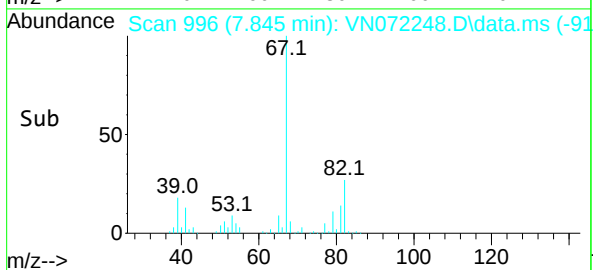
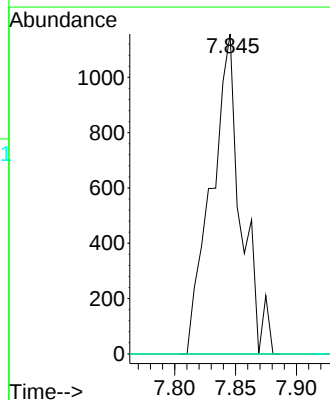
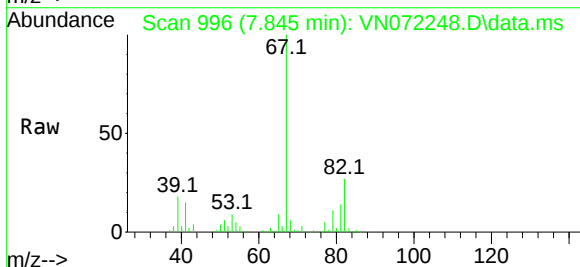
Tgt Ion: 49 Resp: 1960

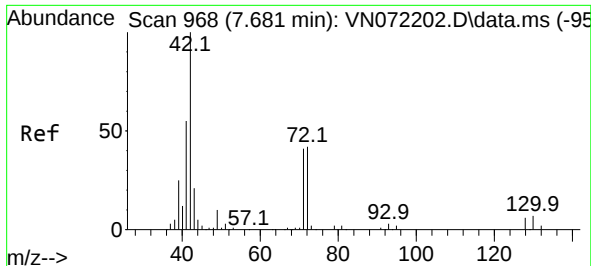
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 0.553 ug/l

RT: 7.657 min Scan# 91

Delta R.T. -0.024 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

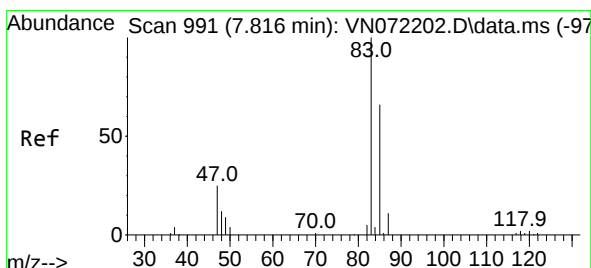
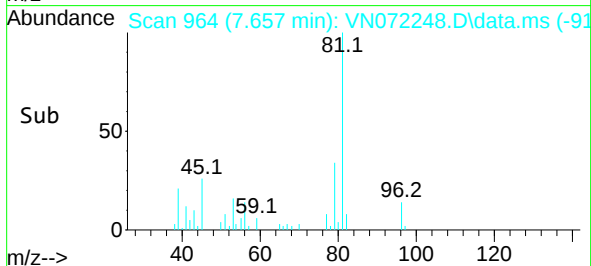
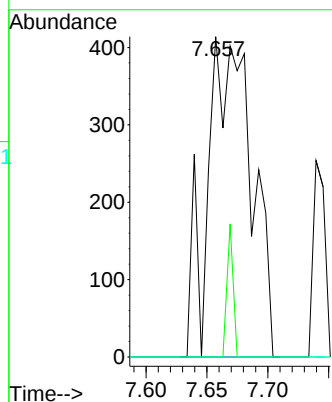
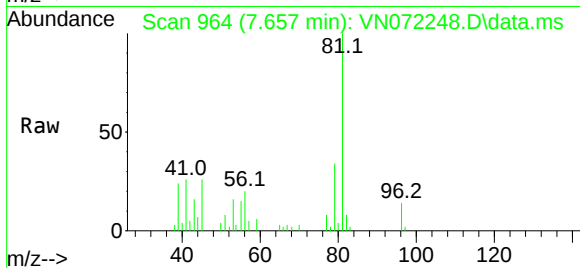
Tgt Ion: 42 Resp: 1046

Ion Ratio Lower Upper

42 100

72 5.8 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 1.020 ug/l

RT: 7.840 min Scan# 995

Delta R.T. 0.024 min

Lab File: VN072248.D

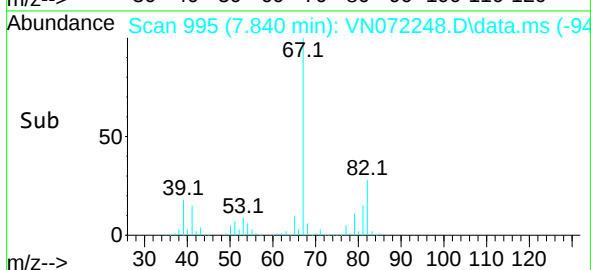
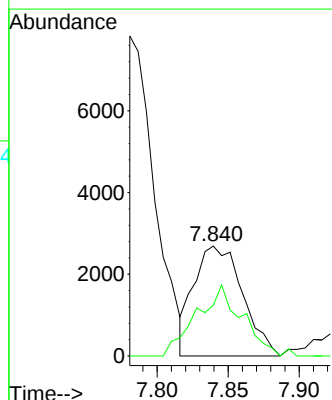
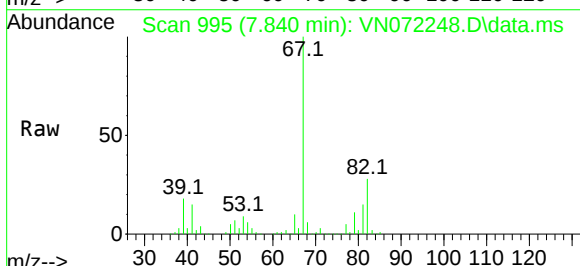
Acq: 28 Apr 2022 19:23

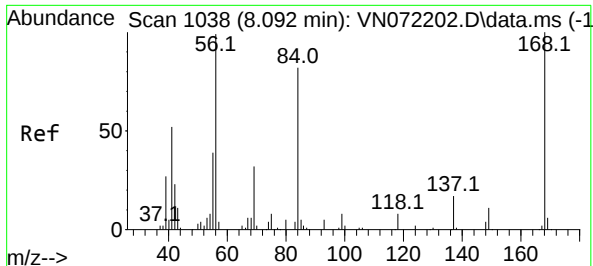
Tgt Ion: 83 Resp: 6393

Ion Ratio Lower Upper

83 100

85 46.1 51.8 77.8#





#31

Cyclohexane

Concen: 53.165 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

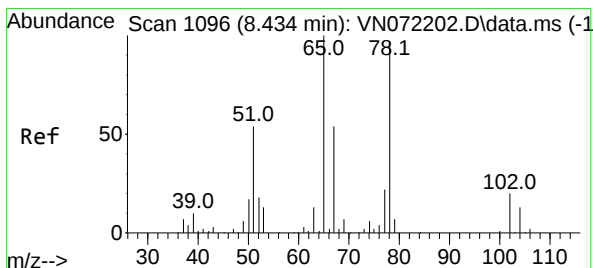
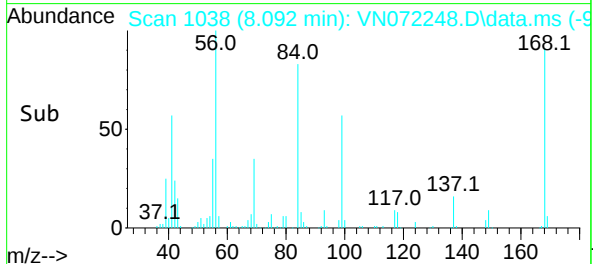
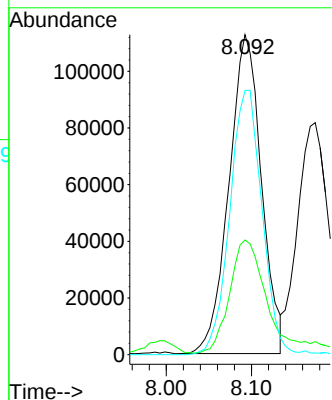
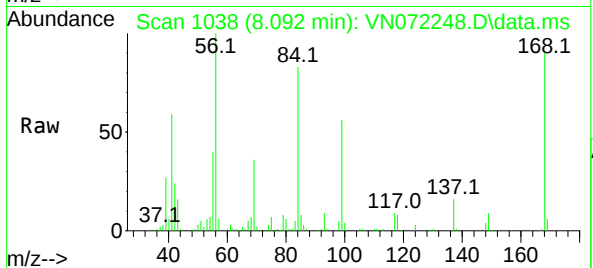
Tgt Ion: 56 Resp: 297940

Ion Ratio Lower Upper

56 100

69 34.3 27.8 41.8

84 82.8 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 48.990 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072248.D

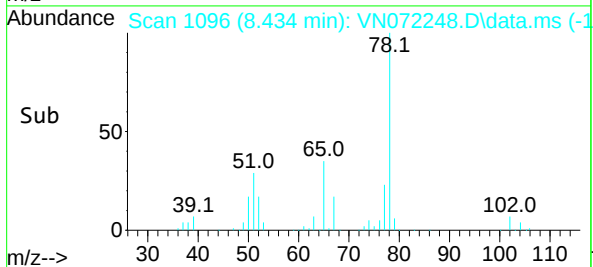
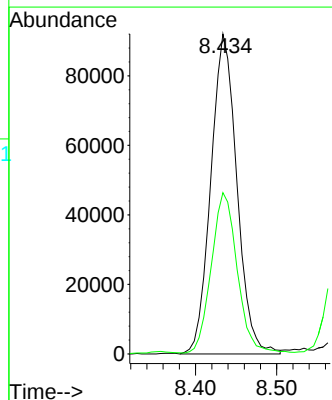
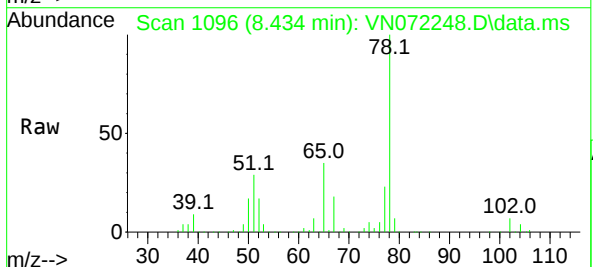
Acq: 28 Apr 2022 19:23

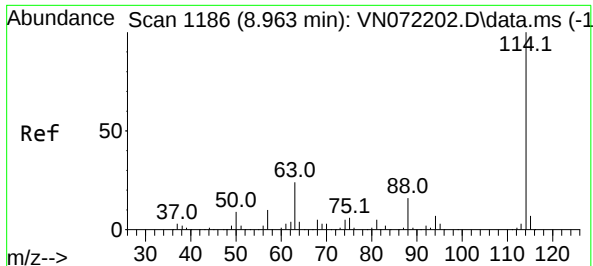
Tgt Ion: 65 Resp: 205470

Ion Ratio Lower Upper

65 100

67 49.6 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: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

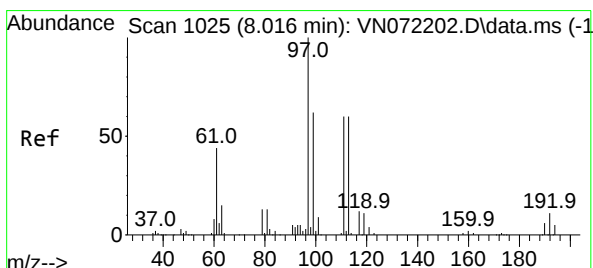
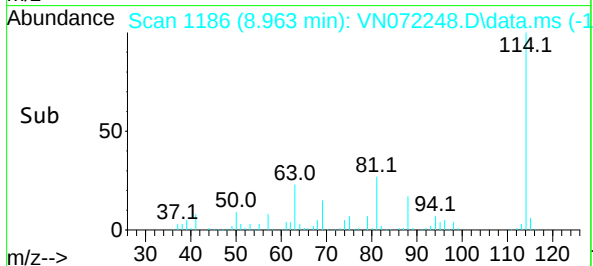
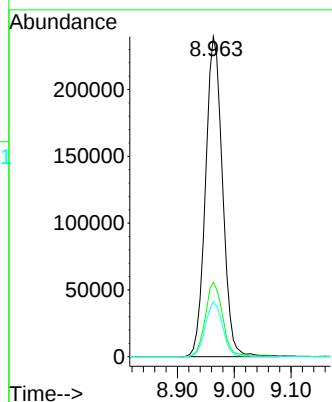
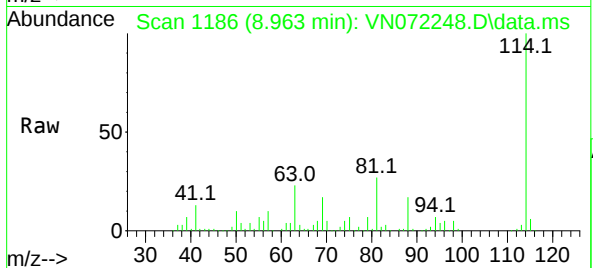
Tgt Ion:114 Resp: 496930

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.933 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

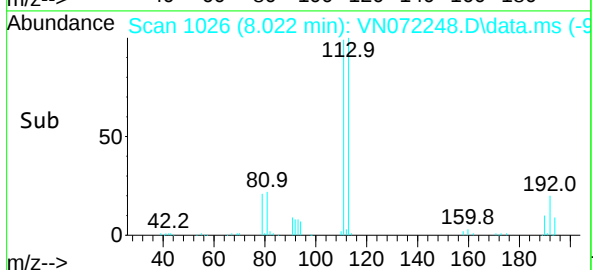
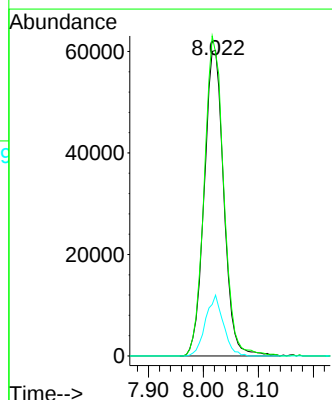
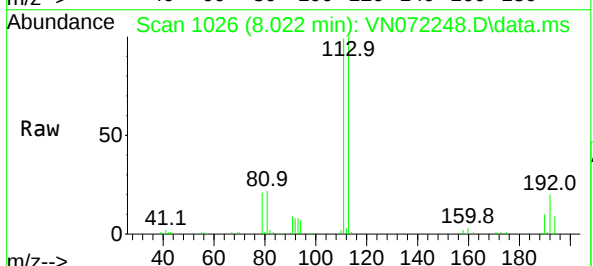
Tgt Ion:113 Resp: 149275

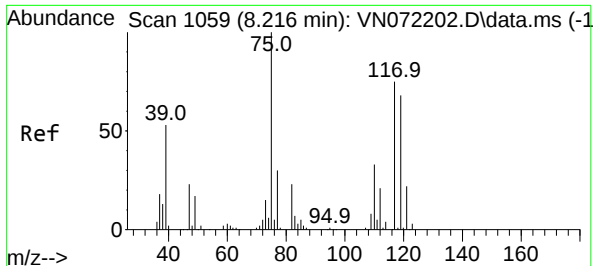
Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 18.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.279 ug/l

RT: 8.087 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

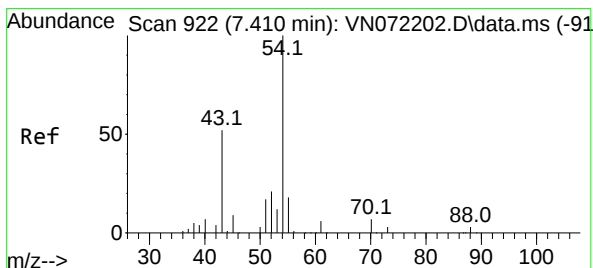
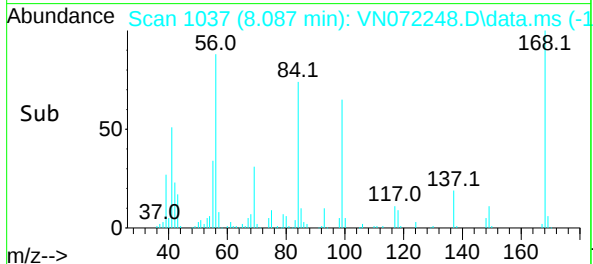
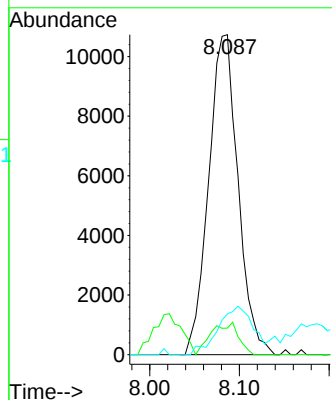
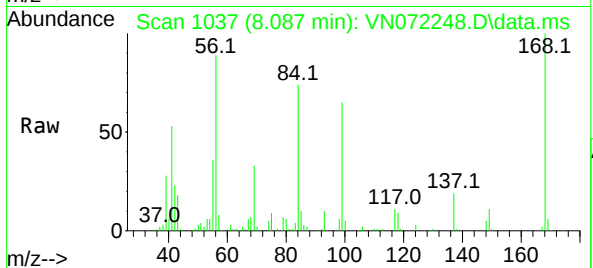
Tgt Ion: 75 Resp: 24439

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.133 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.082 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

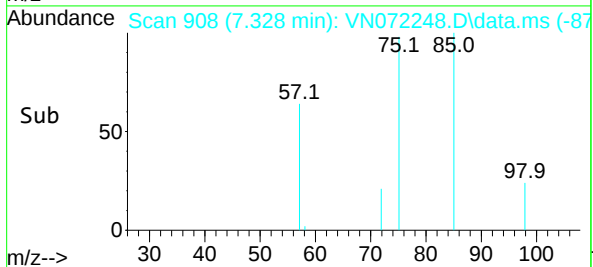
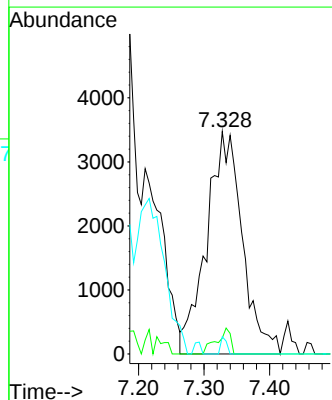
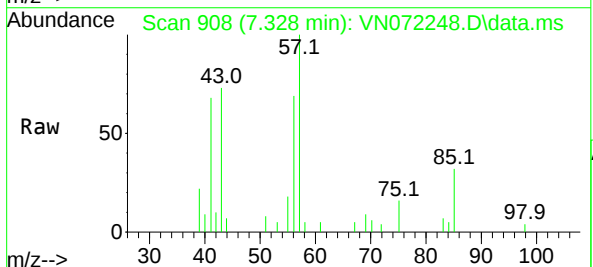
Tgt Ion: 43 Resp: 13113

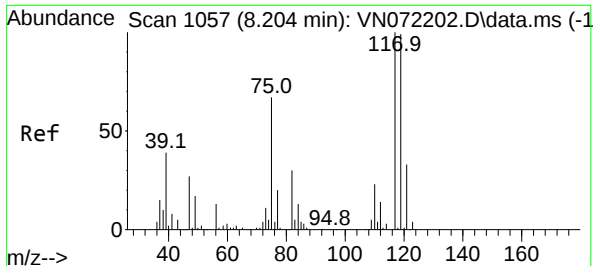
Ion Ratio Lower Upper

43 100

61 4.5 11.8 17.6#

70 0.0 9.3 13.9#

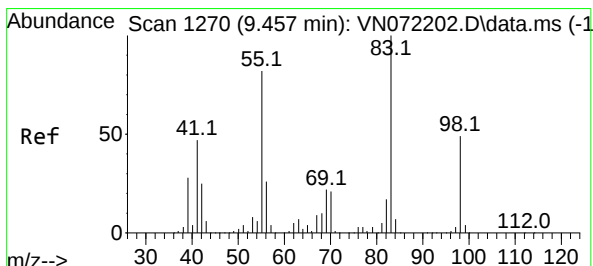
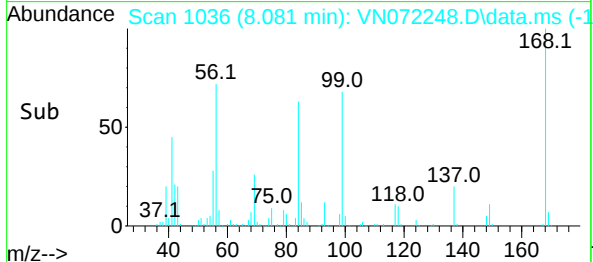
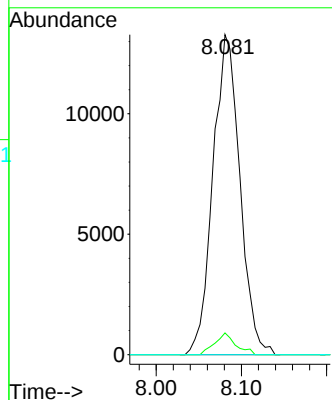
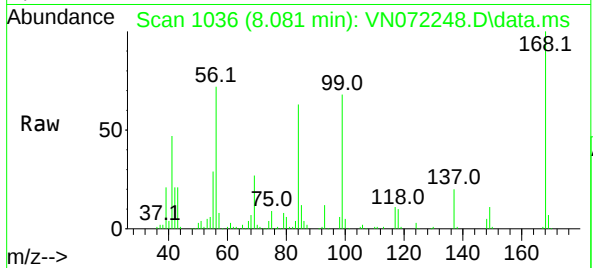




#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

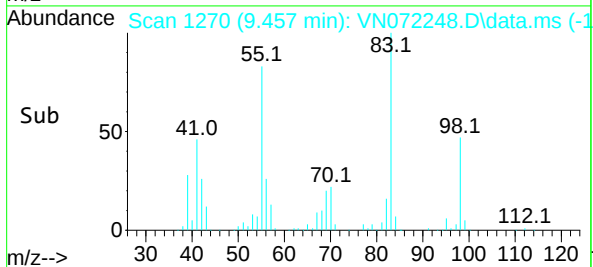
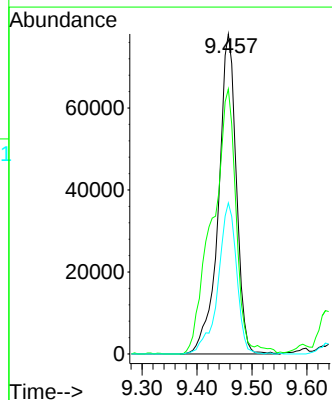
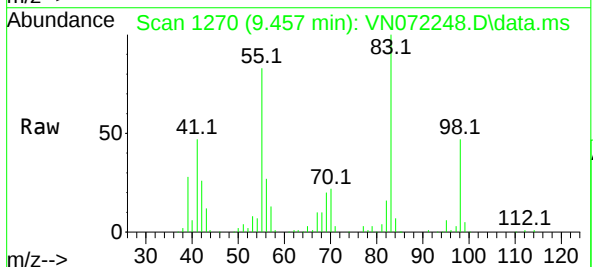
Instrument :
MSVOA_N
ClientSampleId :
MW-14

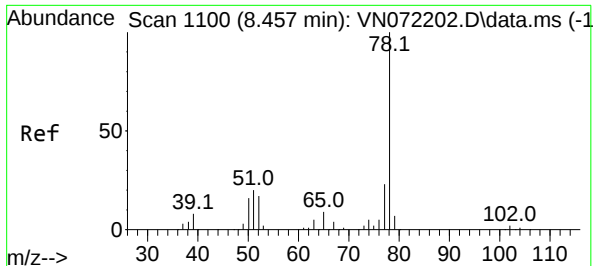
Tgt Ion:117 Resp: 29258
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 34.092 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 83 Resp: 176524
Ion Ratio Lower Upper
83 100
55 82.8 57.8 86.8
98 47.2 39.4 59.2

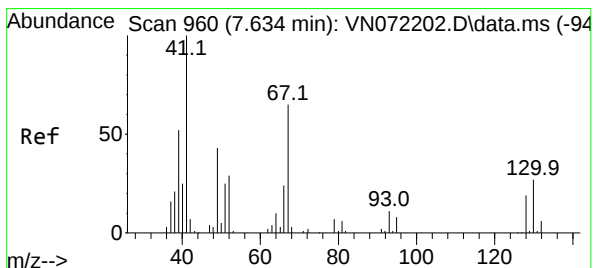
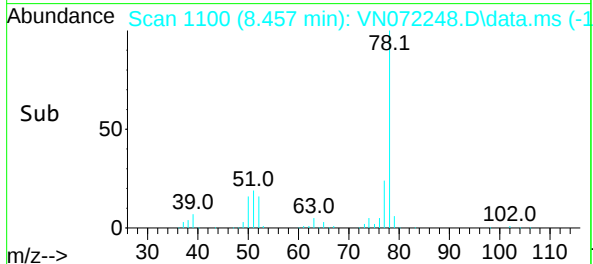
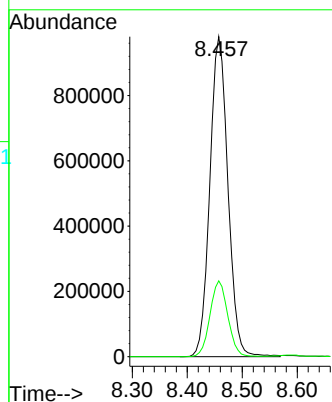
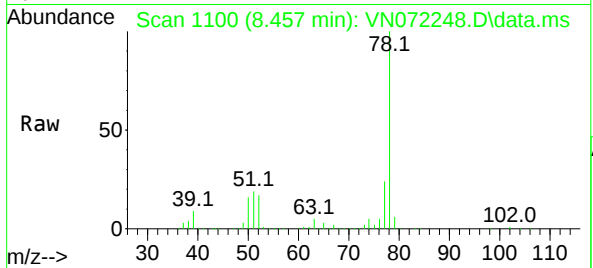




#40
Benzene
Concen: 156.124 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

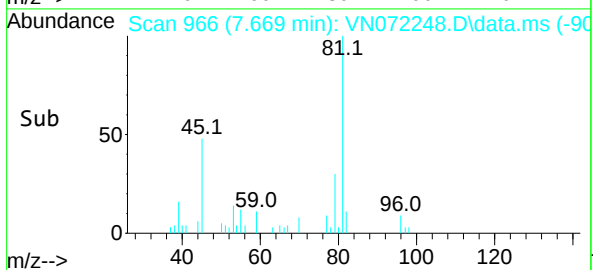
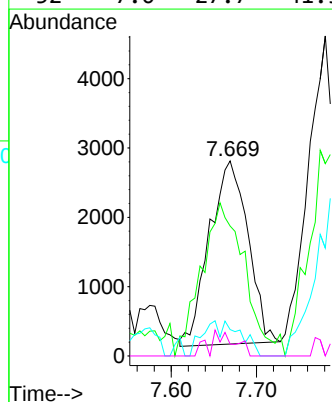
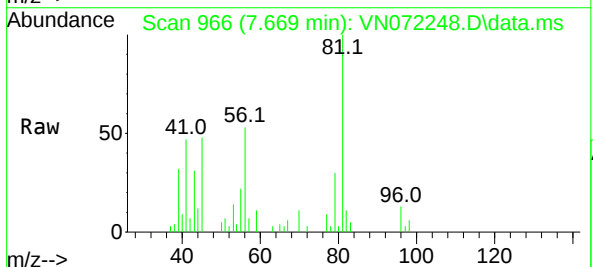
Instrument :
MSVOA_N
ClientSampleId :
MW-14

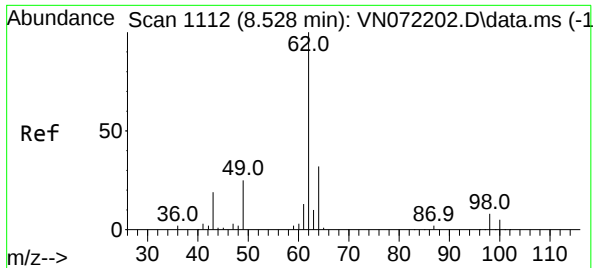
Tgt Ion: 78 Resp: 2241973
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0



#41
Methacrylonitrile
Concen: 2.673 ug/l
RT: 7.669 min Scan# 966
Delta R.T. 0.035 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 41 Resp: 8315
Ion Ratio Lower Upper
41 100
39 93.5 48.6 73.0#
67 0.0 73.4 110.2#
52 7.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 3.876 ug/l

RT: 8.457 min Scan# 1110

Delta R.T. -0.071 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

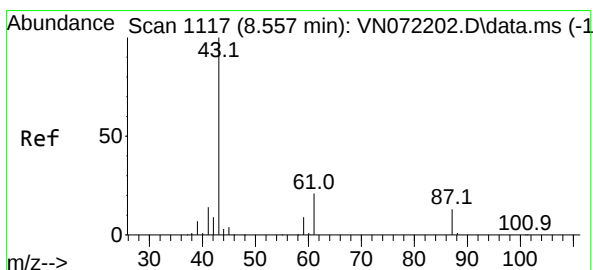
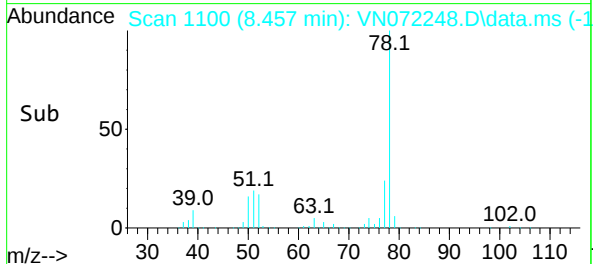
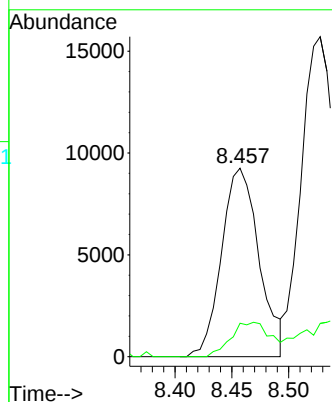
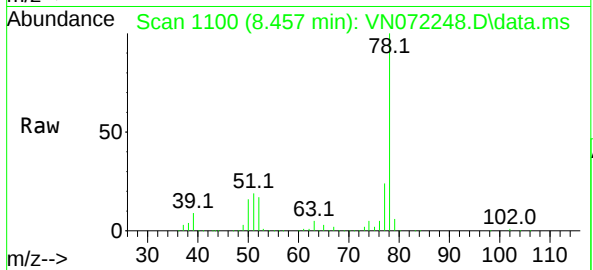
MW-14

Tgt Ion: 62 Resp: 21310

Ion Ratio Lower Upper

62 100

98 19.2 0.0 19.4



#43

Isopropyl Acetate

Concen: 5.564 ug/l

RT: 8.551 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

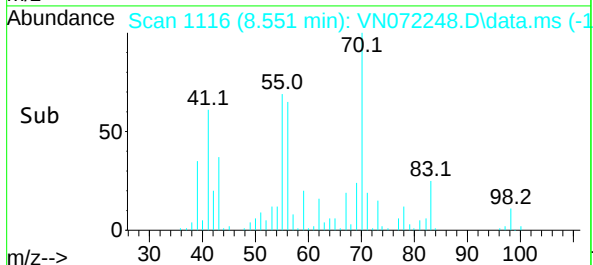
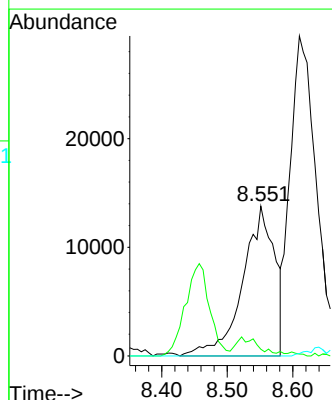
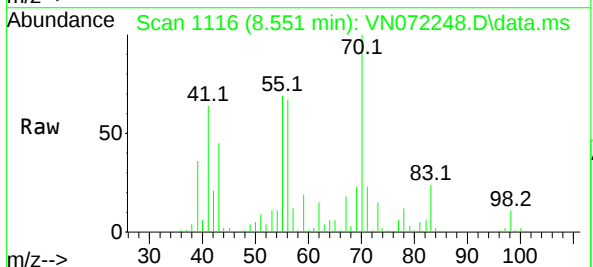
Tgt Ion: 43 Resp: 46727

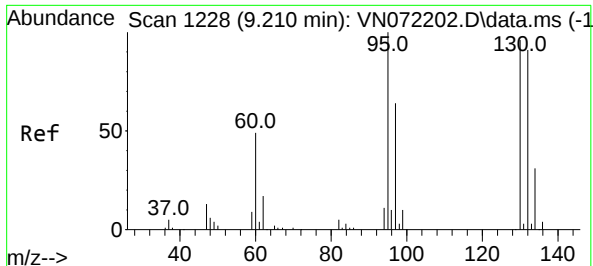
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

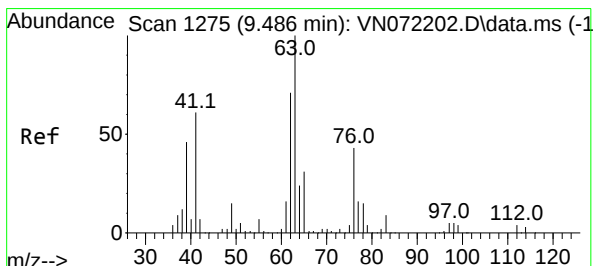
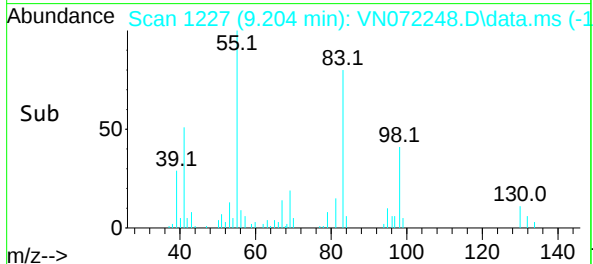
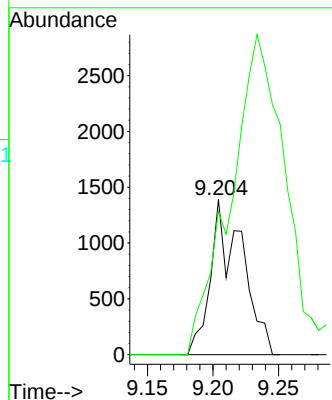
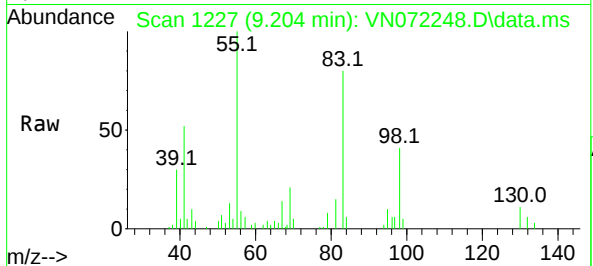




#44
Trichloroethene
Concen: 0.696 ug/l
RT: 9.204 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

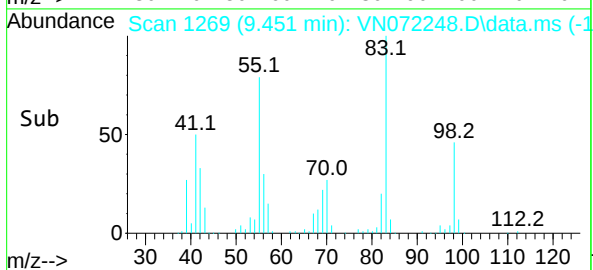
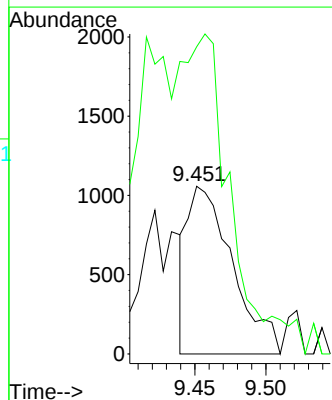
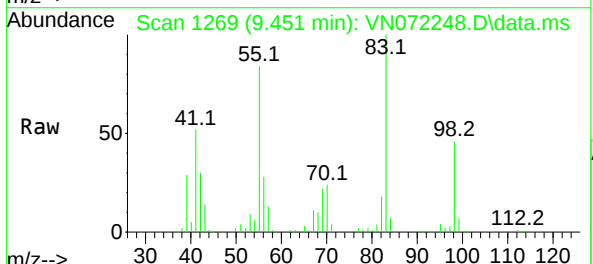
Instrument :
MSVOA_N
ClientSampleId :
MW-14

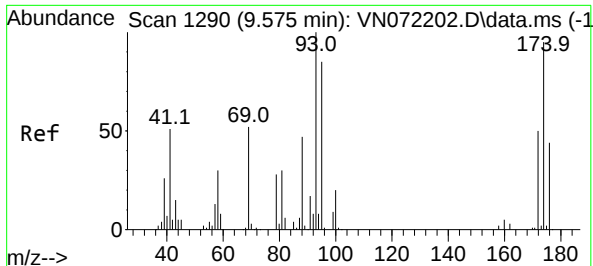
Tgt Ion:130 Resp: 2325
Ion Ratio Lower Upper
130 100
95 92.4 0.0 186.8



#45
1,2-Dichloropropane
Concen: 0.599 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.035 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 63 Resp: 2326
Ion Ratio Lower Upper
63 100
65 162.8 24.9 37.3#





#46

Dibromomethane

Concen: 0.355 ug/l

RT: 9.528 min Scan# 1317

Delta R.T. -0.047 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

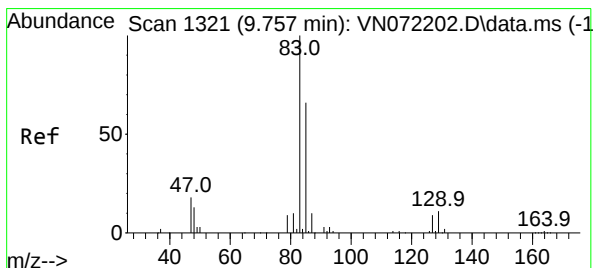
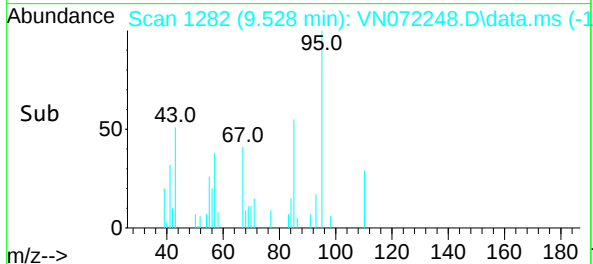
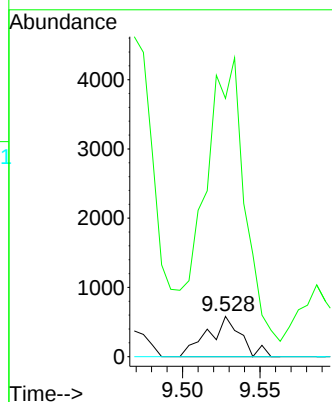
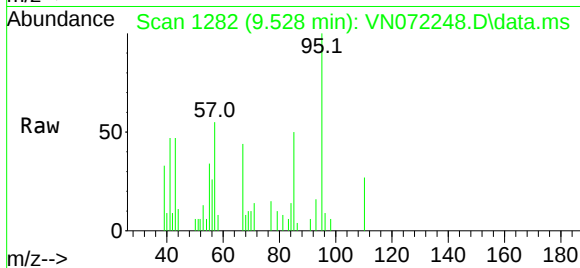
Tgt Ion: 93 Resp: 864

Ion Ratio Lower Upper

93 100

95 923.6 66.9 100.3#

174 0.0 86.6 130.0#



#47

Bromodichloromethane

Concen: 1.227 ug/l

RT: 9.734 min Scan# 1317

Delta R.T. -0.023 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

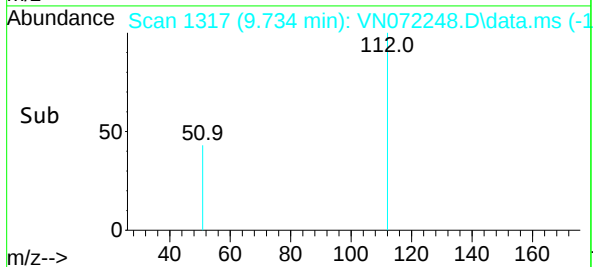
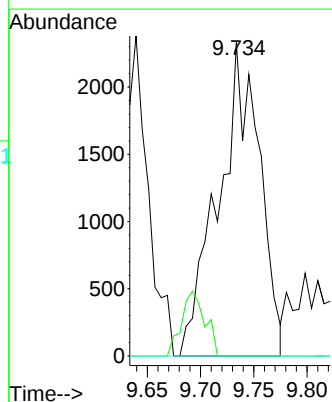
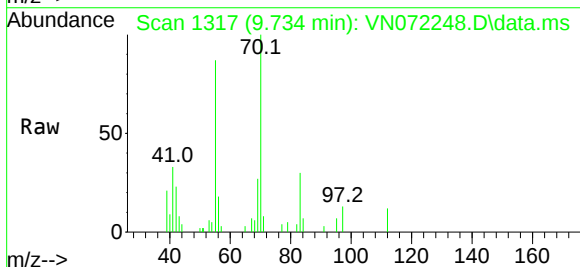
Tgt Ion: 83 Resp: 6260

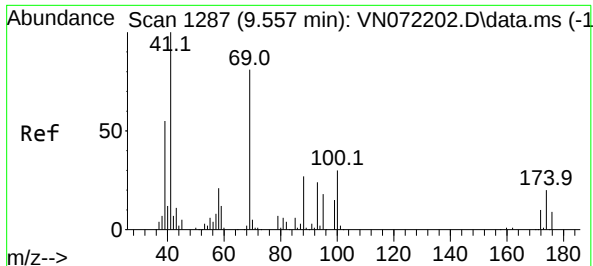
Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 1.547 ug/l

RT: 9.586 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

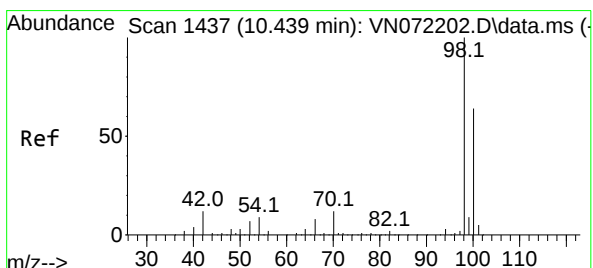
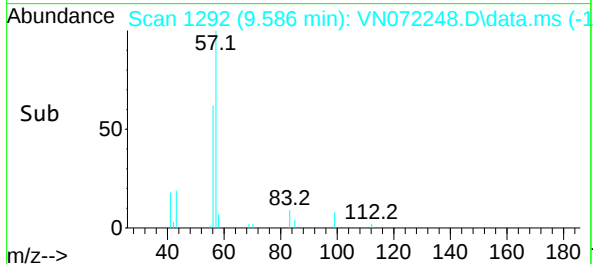
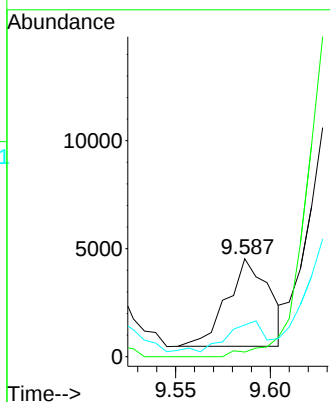
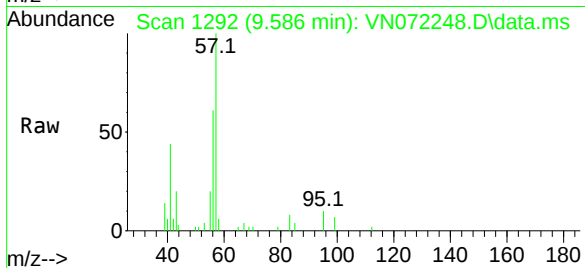
Tgt Ion: 41 Resp: 6284

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 26.4 45.6 68.4#



#50

Toluene-d8

Concen: 51.287 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072248.D

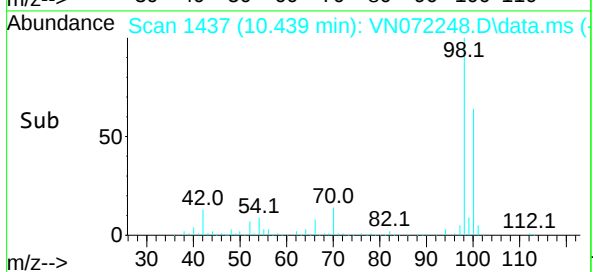
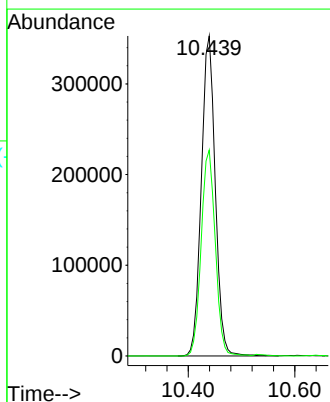
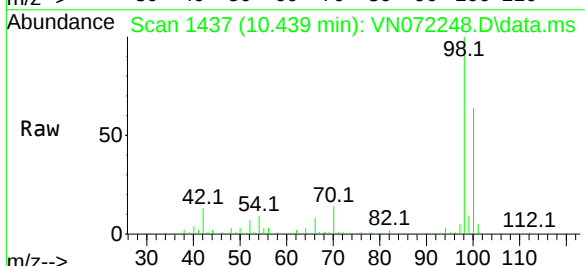
Acq: 28 Apr 2022 19:23

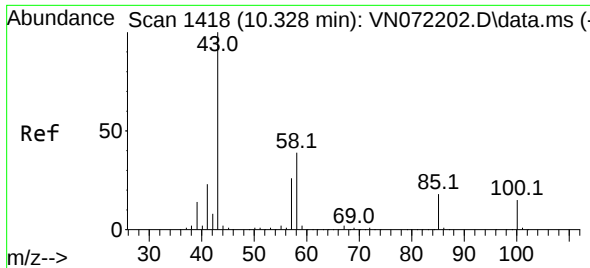
Tgt Ion: 98 Resp: 640979

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

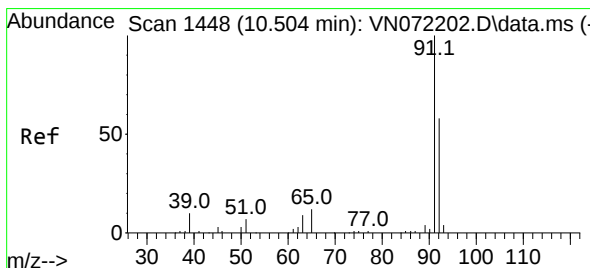
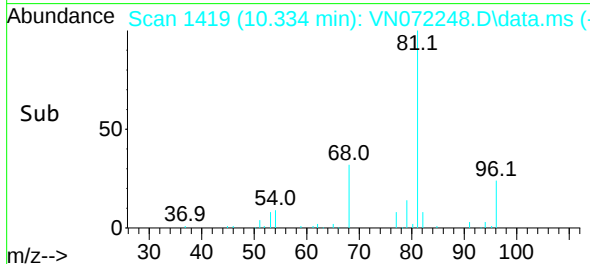
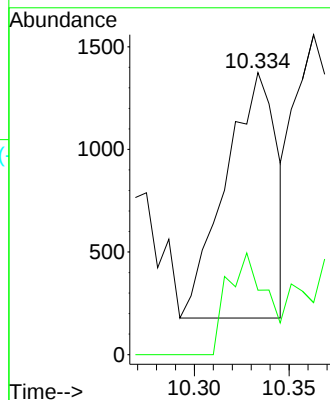
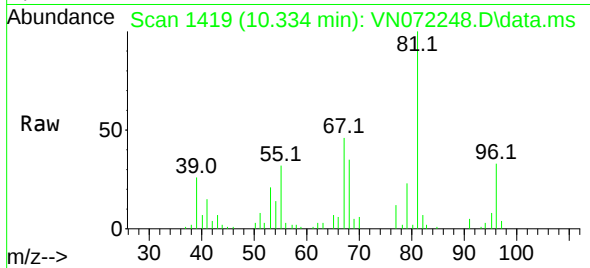




#51
4-Methyl-2-Pentanone
Concen: 0.391 ug/l
RT: 10.334 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

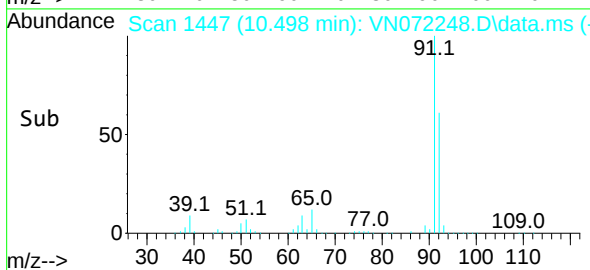
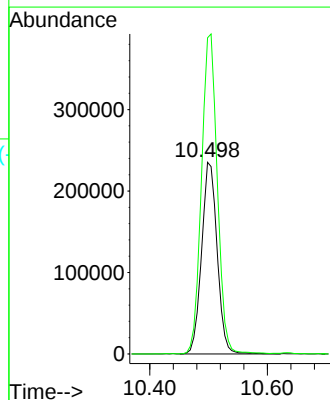
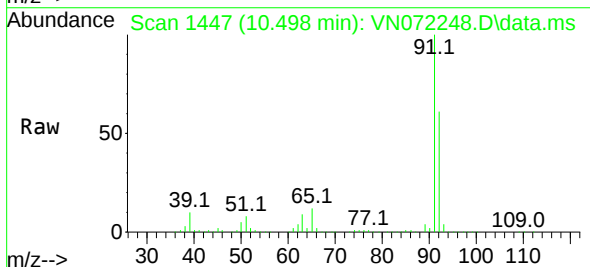
Instrument :
MSVOA_N
ClientSampleId :
MW-14

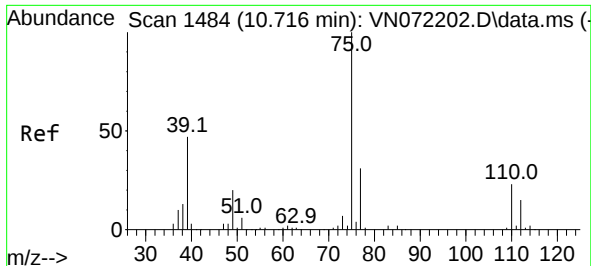
Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 31.0 34.1 51.1#



#52
Toluene
Concen: 50.206 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 92 Resp: 431006
Ion Ratio Lower Upper
92 100
91 169.7 138.6 207.8

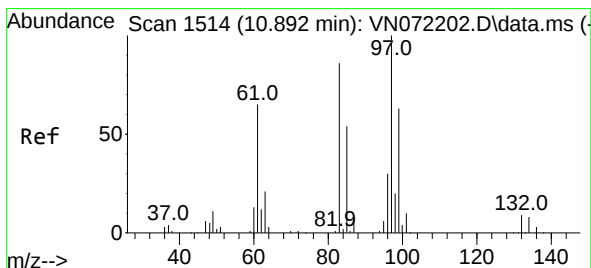
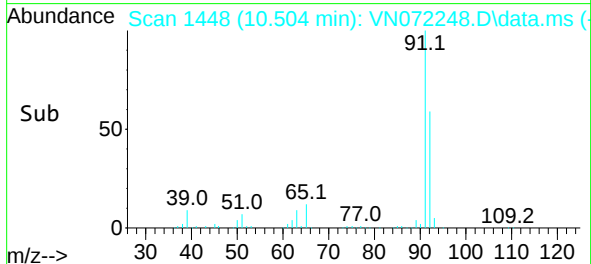
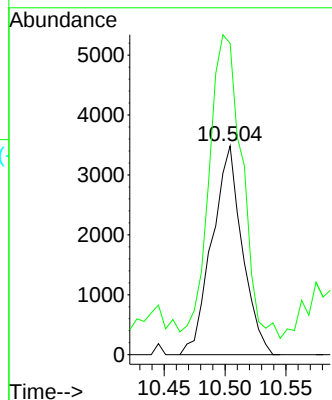
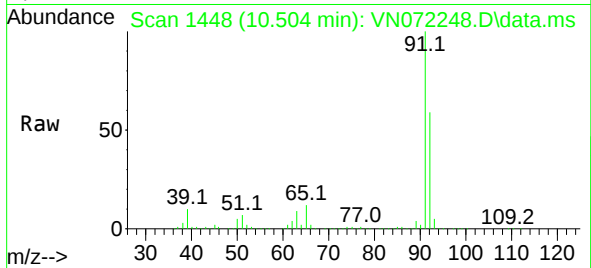




#53
t-1,3-Dichloropropene
Concen: 1.175 ug/l
RT: 10.504 min Scan# 1484
Delta R.T. -0.212 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

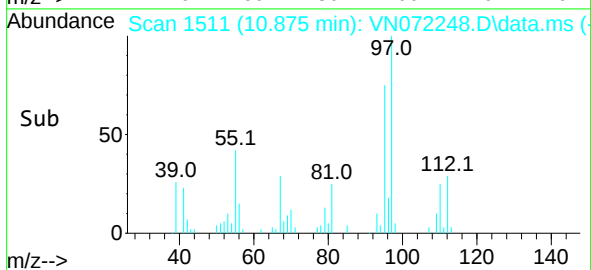
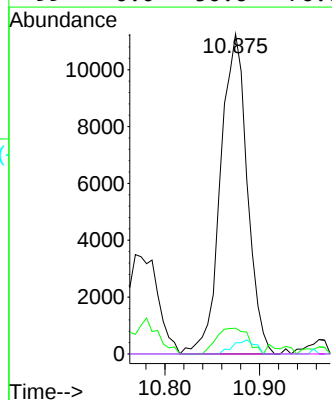
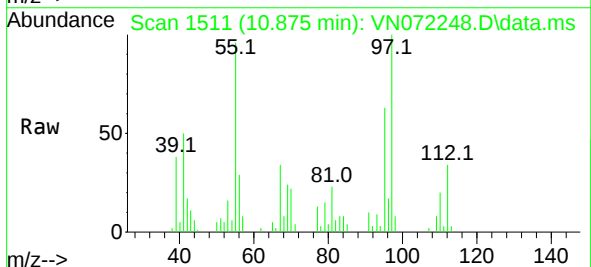
Instrument :
MSVOA_N
ClientSampleId :
MW-14

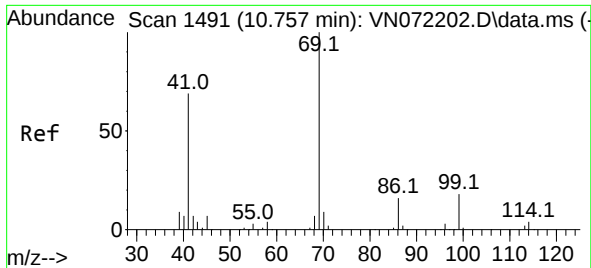
Tgt Ion: 75 Resp: 6026
Ion Ratio Lower Upper
75 100
77 141.3 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 6.117 ug/l
RT: 10.875 min Scan# 1511
Delta R.T. -0.017 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 97 Resp: 22020
Ion Ratio Lower Upper
97 100
83 8.1 66.2 99.4#
85 3.5 43.9 65.9#
99 0.0 50.6 76.0#

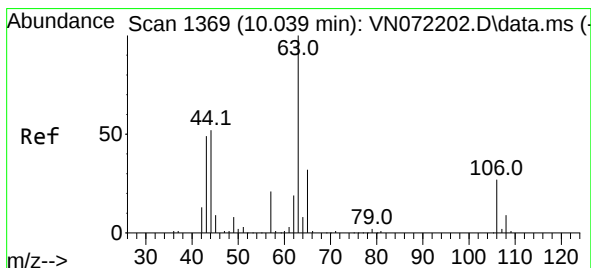
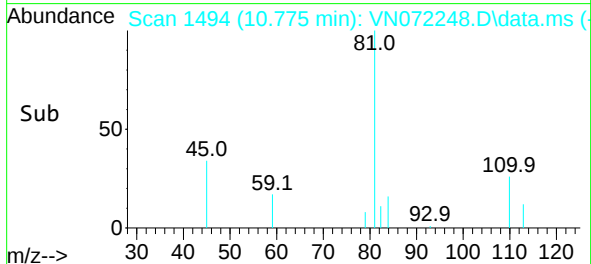
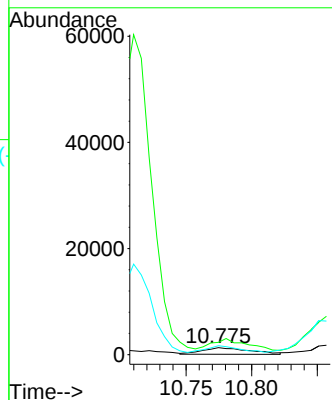
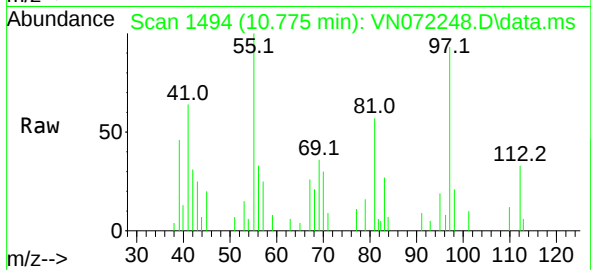




#56
Ethyl methacrylate
Concen: 2.832 ug/l
RT: 10.775 min Scan# 1491
Delta R.T. 0.018 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

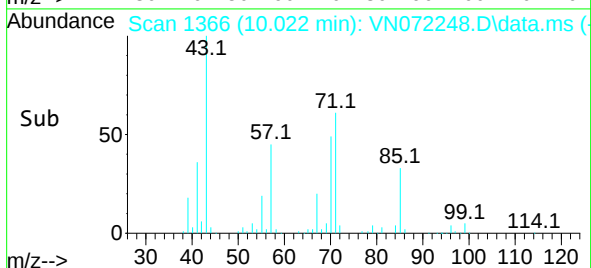
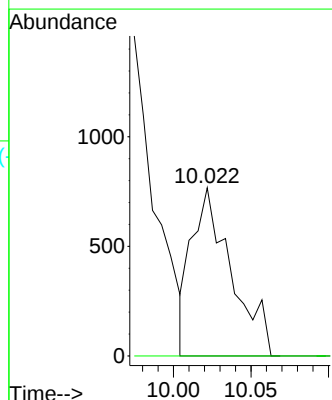
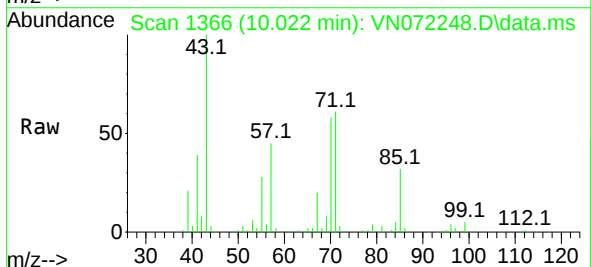
Instrument :
MSVOA_N
ClientSampleId :
MW-14

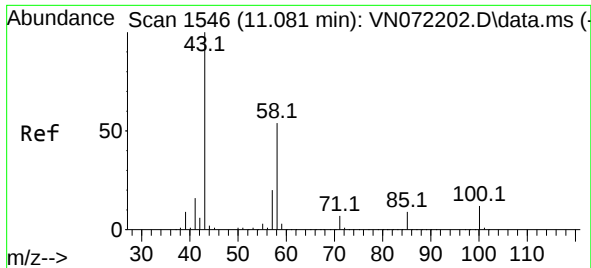
Tgt Ion: 69 Resp: 3089
Ion Ratio Lower Upper
69 100
41 129.7 47.8 71.6#
39 0.0 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 18.479 ug/l
RT: 10.022 min Scan# 1366
Delta R.T. -0.017 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 63 Resp: 1362
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

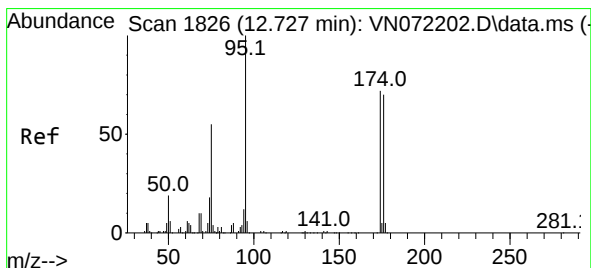
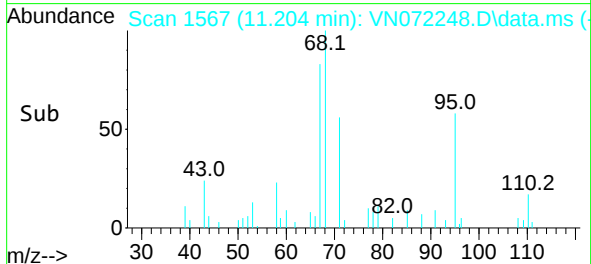
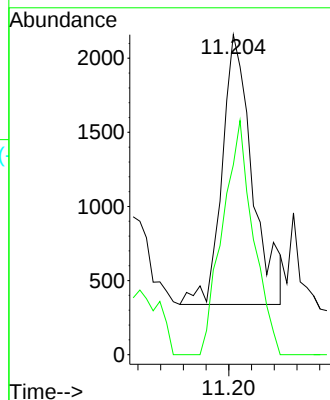
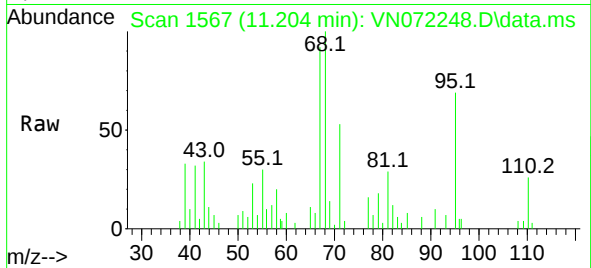




#59
2-Hexanone
Concen: 0.828 ug/l
RT: 11.204 min Scan# 1567
Delta R.T. 0.123 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

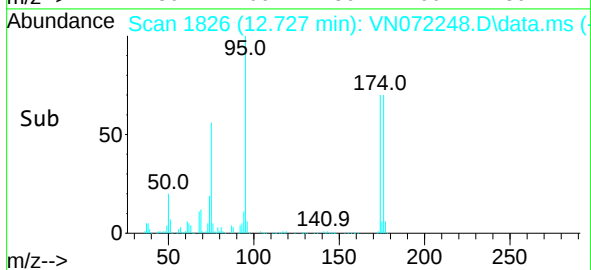
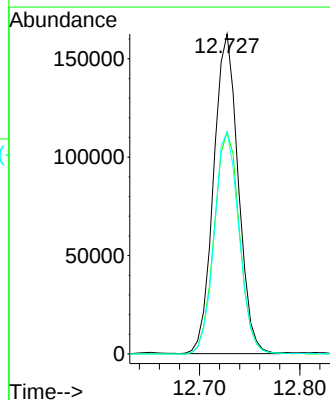
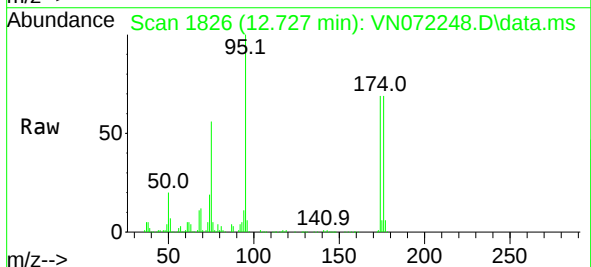
Instrument :
MSVOA_N
ClientSampleId :
MW-14

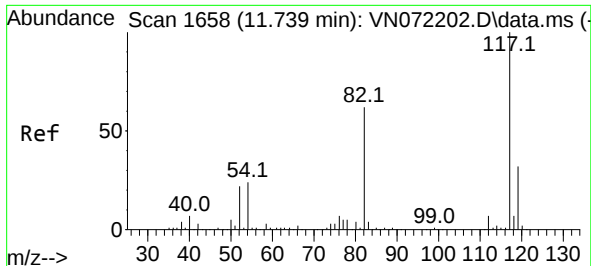
Tgt Ion: 43 Resp: 3384
Ion Ratio Lower Upper
43 100
58 87.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 66.728 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 95 Resp: 276809
Ion Ratio Lower Upper
95 100
174 71.3 0.0 167.6
176 69.9 0.0 163.4

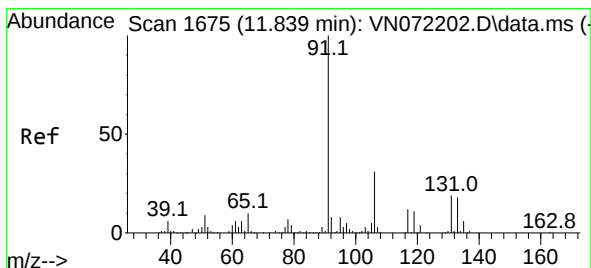
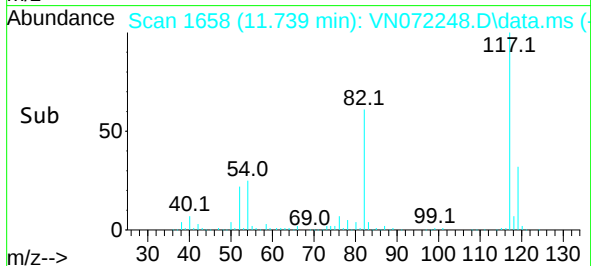
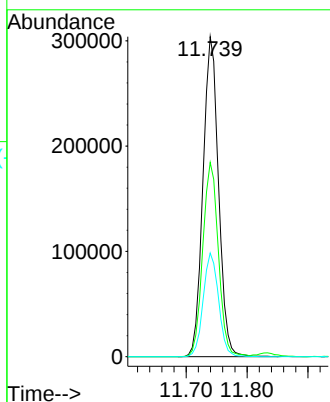
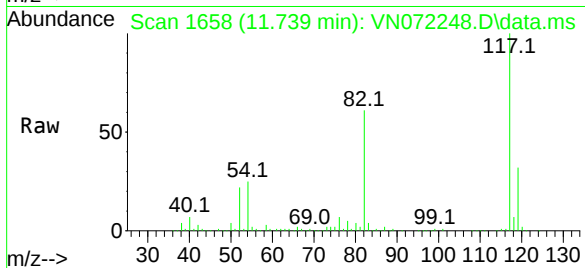




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

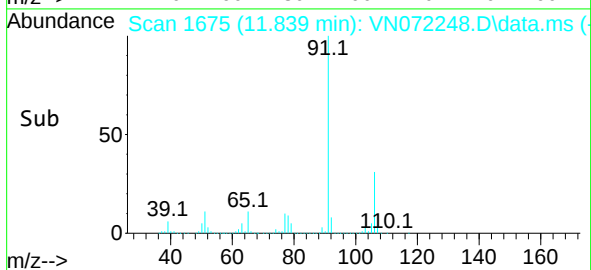
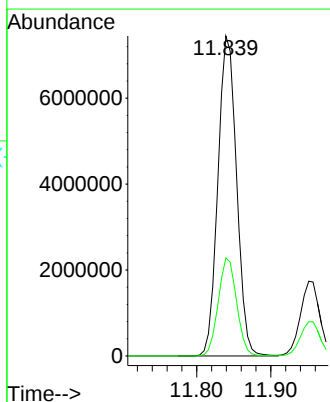
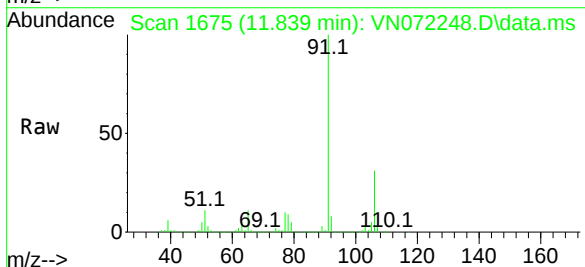
Instrument :
MSVOA_N
ClientSampleId :
MW-14

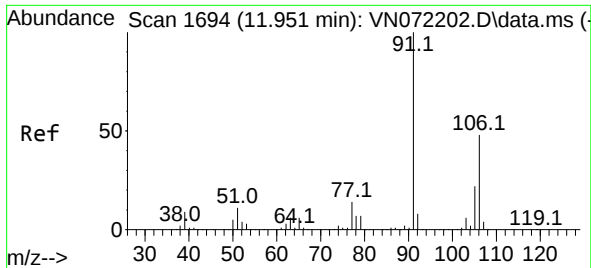
Tgt Ion:117 Resp: 539525
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 685.267 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 91 Resp:13027677
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

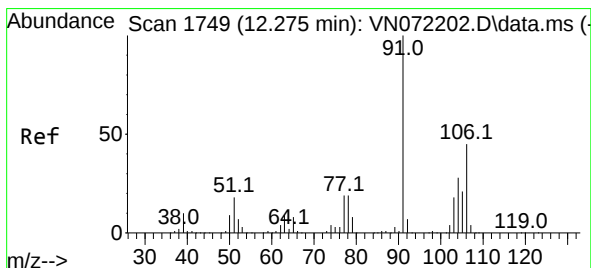
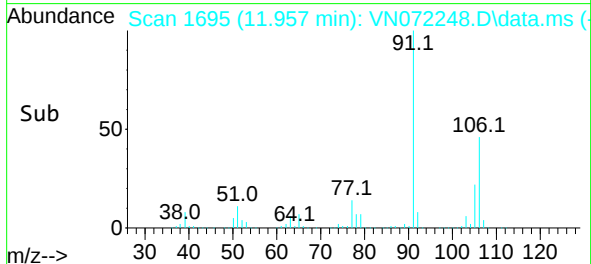
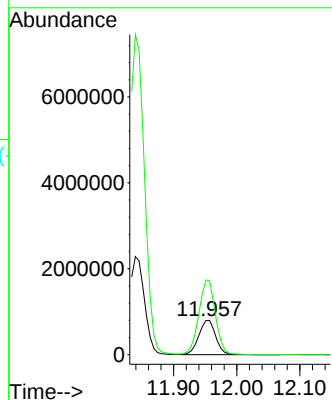
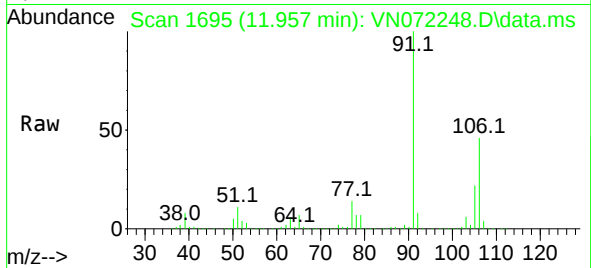




#68
m/p-Xylenes
Concen: 209.650 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

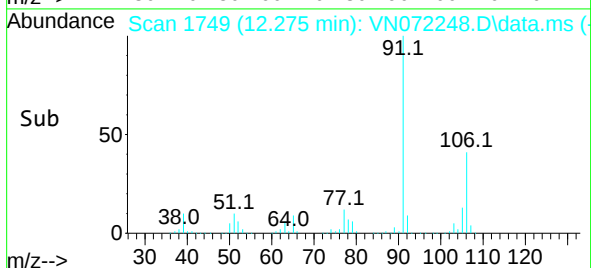
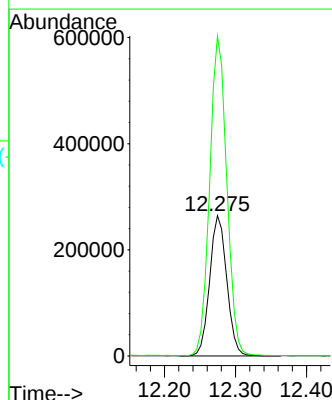
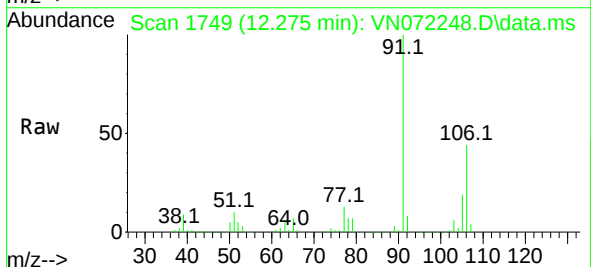
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MSVOA_N
ClientSampleId :
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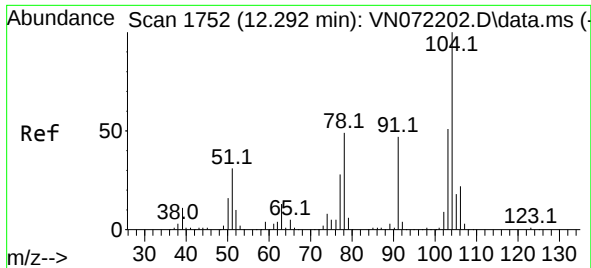
Tgt Ion:106 Resp: 1480040
Ion Ratio Lower Upper
106 100
91 215.0 158.9 238.3



#69
o-Xylene
Concen: 64.587 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion:106 Resp: 442025
Ion Ratio Lower Upper
106 100
91 228.0 106.0 318.0

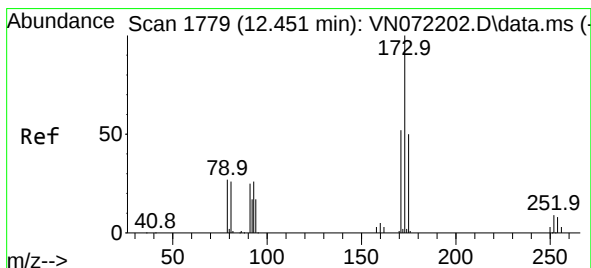
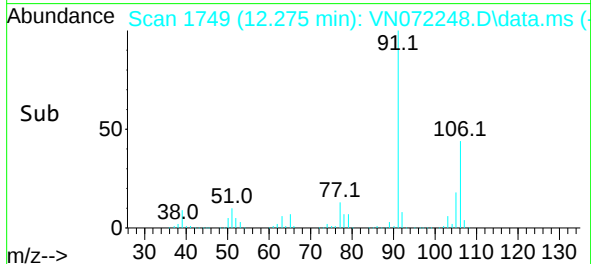
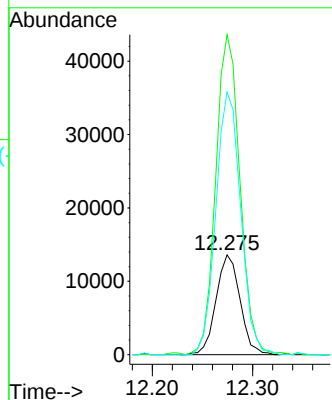
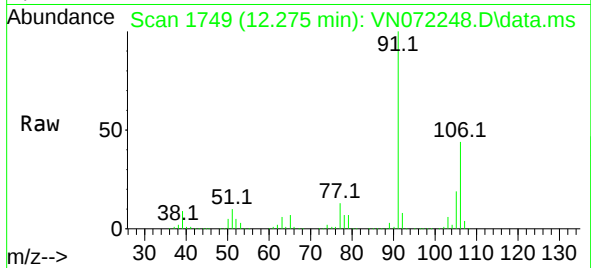




#70
Styrene
Concen: 2.094 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

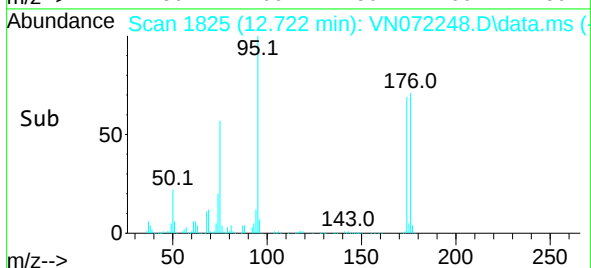
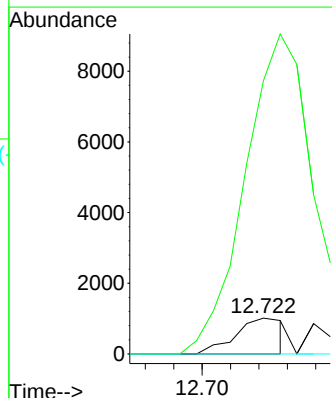
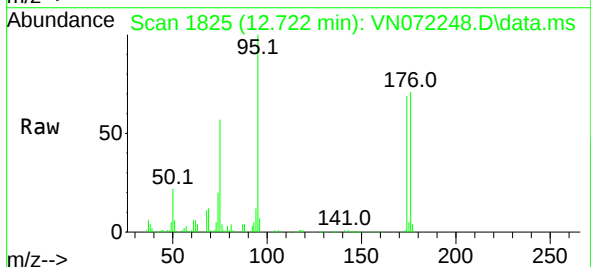
Instrument :
MSVOA_N
ClientSampleId :
MW-14

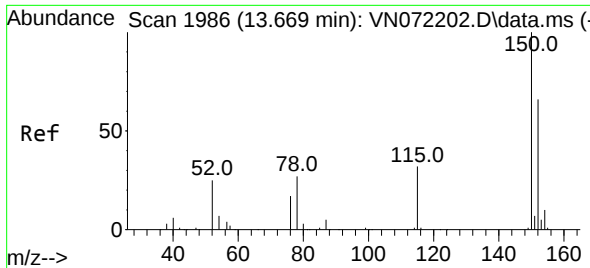
Tgt Ion:104 Resp: 22577
Ion Ratio Lower Upper
104 100
78 323.5 39.5 59.3#
103 272.7 44.0 66.0#



#71
Bromoform
Concen: 0.393 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion:173 Resp: 1202
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

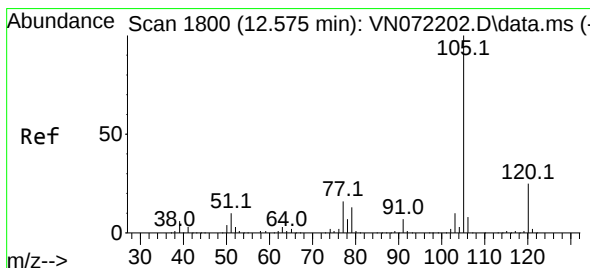
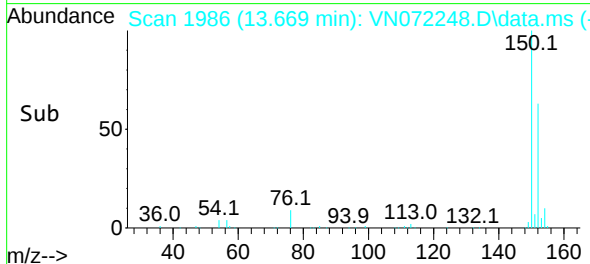
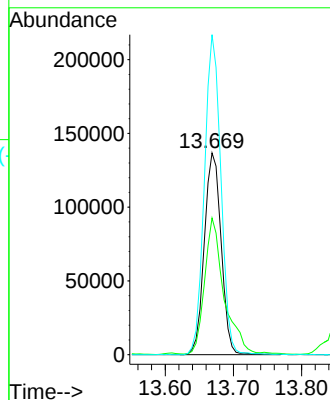
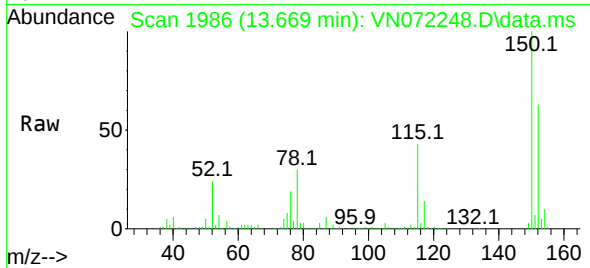




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

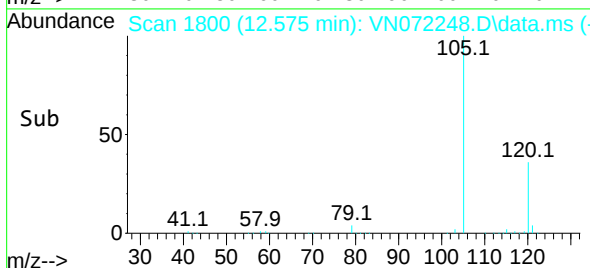
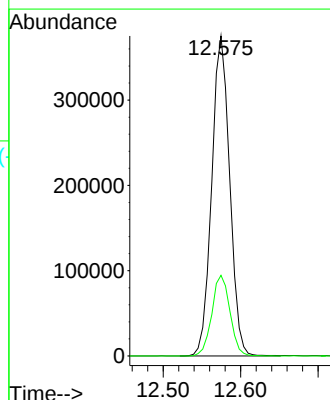
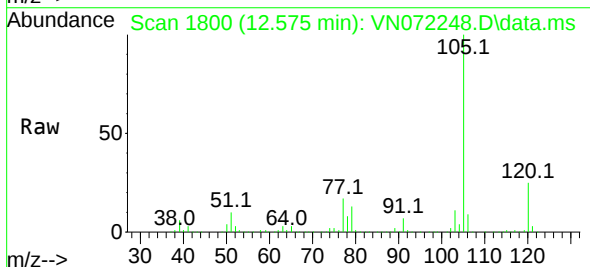
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

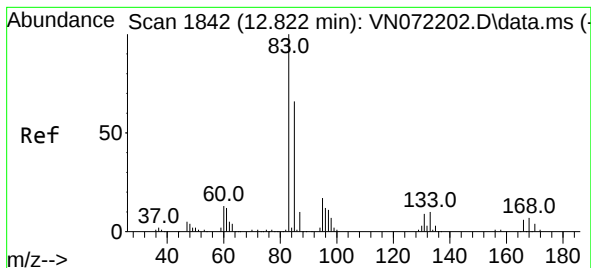
Tgt Ion:152 Resp: 234795
 Ion Ratio Lower Upper
 152 100
 115 79.1 28.9 86.7
 150 155.3 0.0 356.2



#73
 Isopropylbenzene
 Concen: 29.150 ug/l
 RT: 12.575 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

Tgt Ion:105 Resp: 604494
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.5 40.4





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.822 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

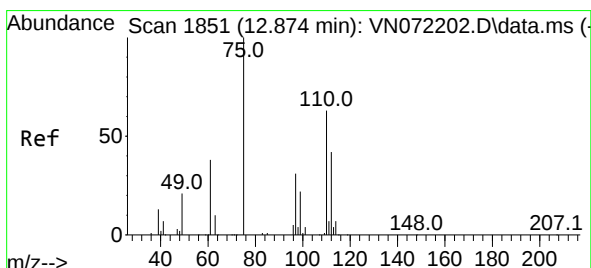
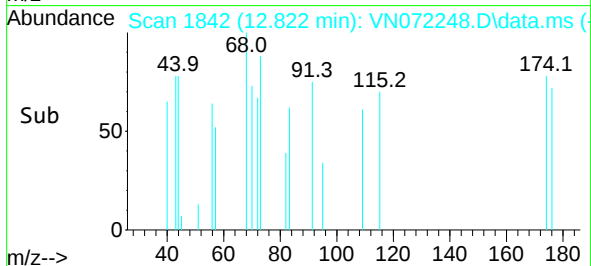
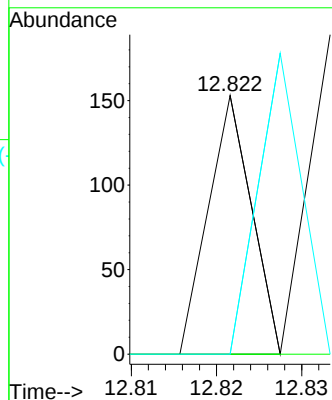
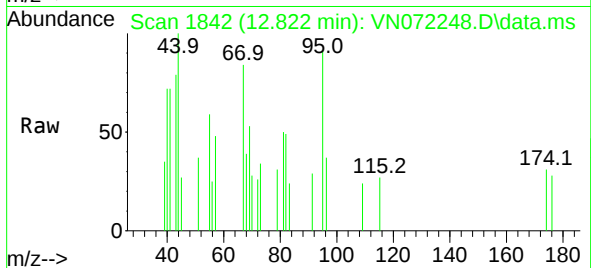
Tgt Ion: 83 Resp: 54

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.916 min Scan# 1858

Delta R.T. 0.042 min

Lab File: VN072248.D

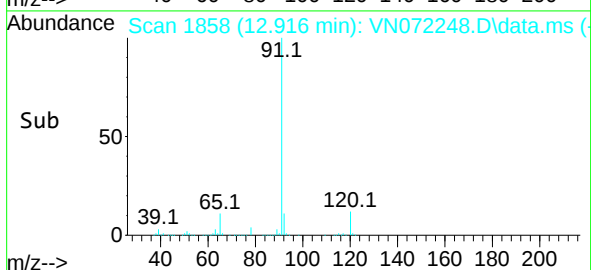
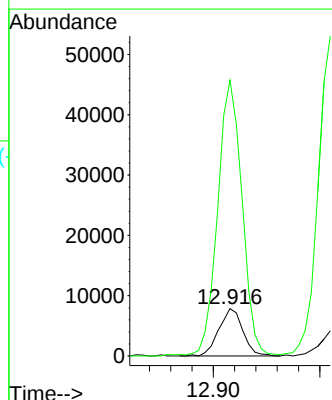
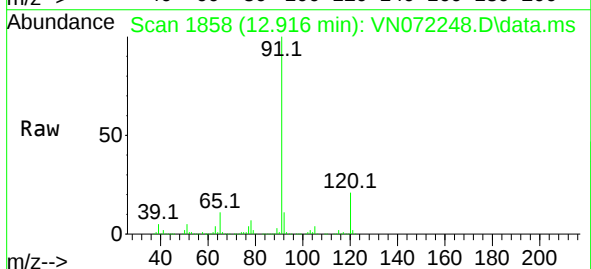
Acq: 28 Apr 2022 19:23

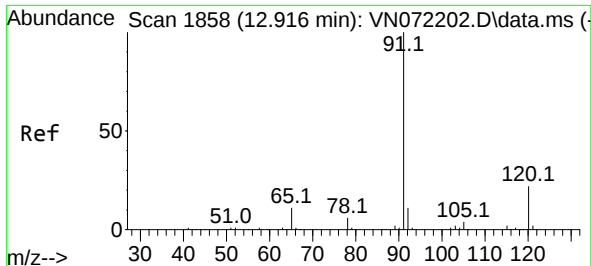
Tgt Ion: 75 Resp: 12256

Ion Ratio Lower Upper

75 100

77 594.3 98.5 295.5#

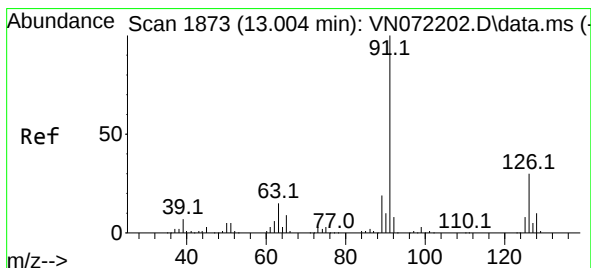
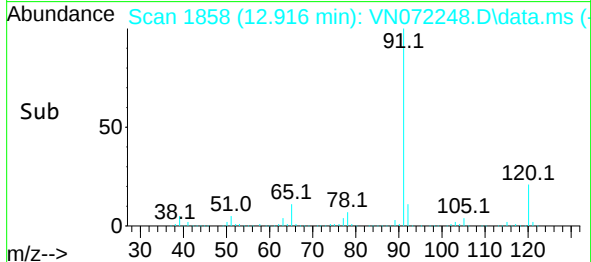
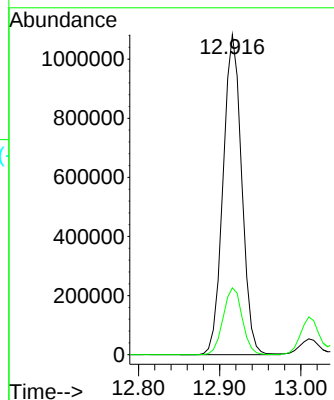
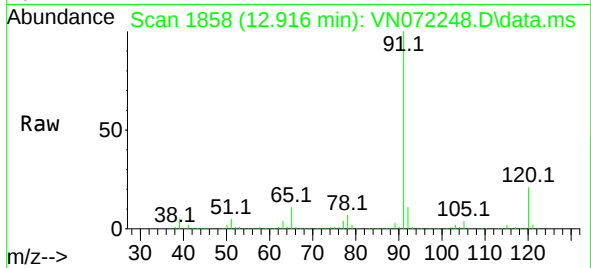




#78
n-propylbenzene
Concen: 75.553 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

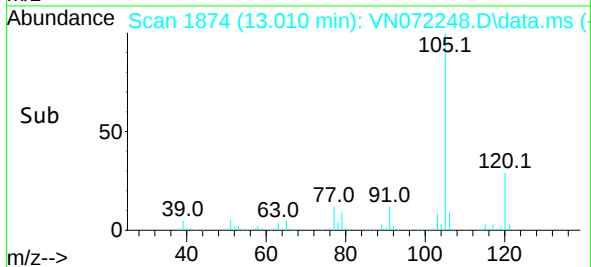
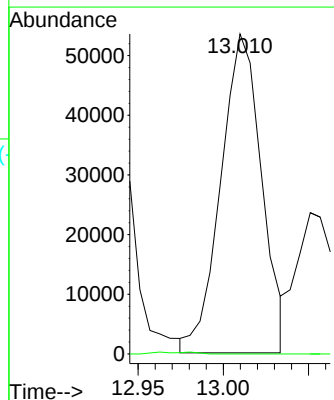
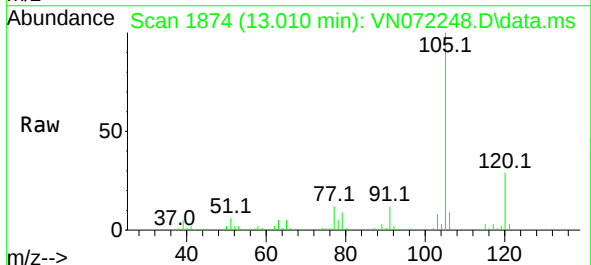
Instrument :
MSVOA_N
ClientSampleId :
MW-14

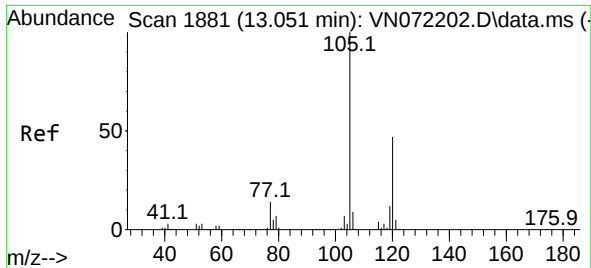
Tgt Ion: 91 Resp: 1726020
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.5



#79
2-Chlorotoluene
Concen: 5.943 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 91 Resp: 89172
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

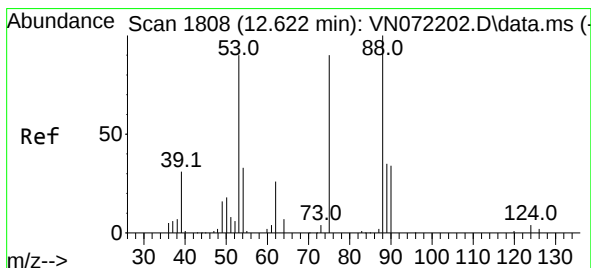
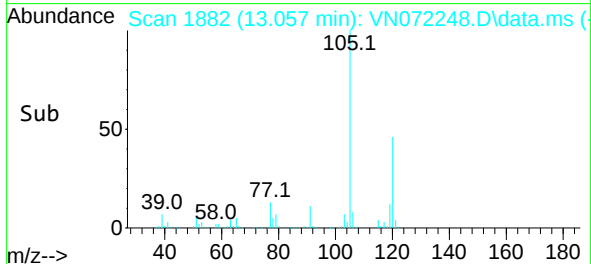
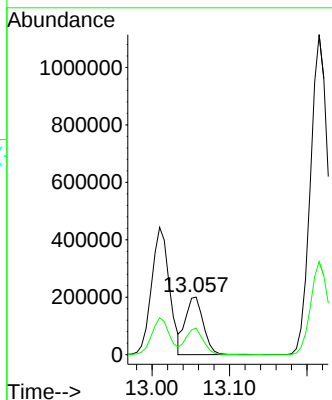
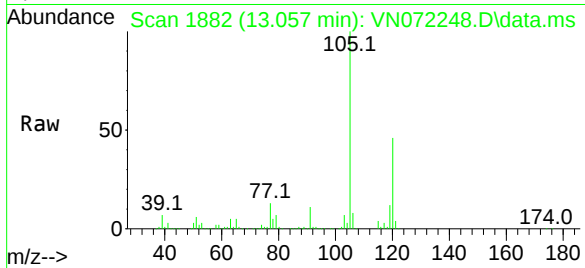




#80
1,3,5-Trimethylbenzene
Concen: 18.634 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

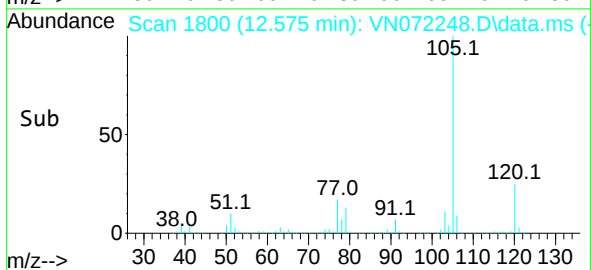
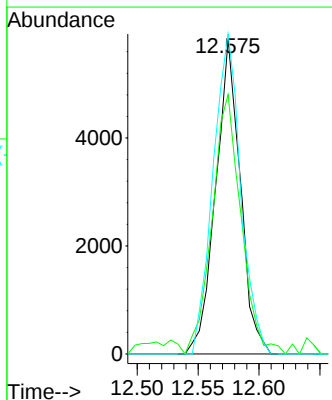
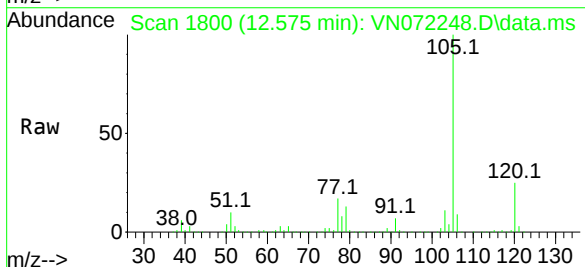
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MSVOA_N
ClientSampleId :
MW-14

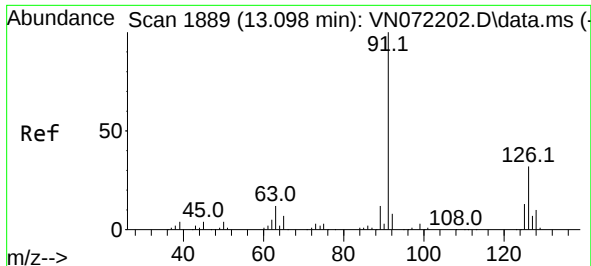
Tgt Ion:105 Resp: 321817
Ion Ratio Lower Upper
105 100
120 44.8 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 4.029 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.047 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 75 Resp: 8181
Ion Ratio Lower Upper
75 100
53 96.4 78.0 117.0
89 114.4 37.2 55.8#

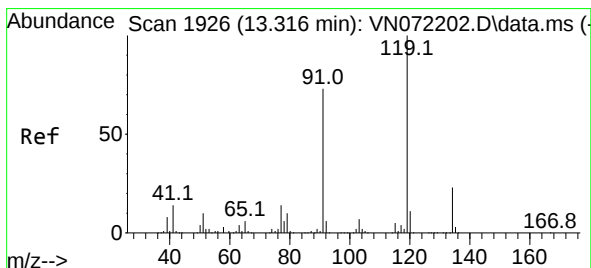
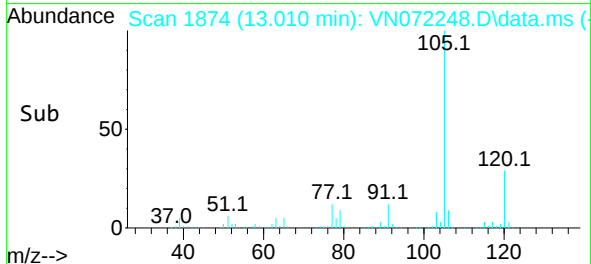
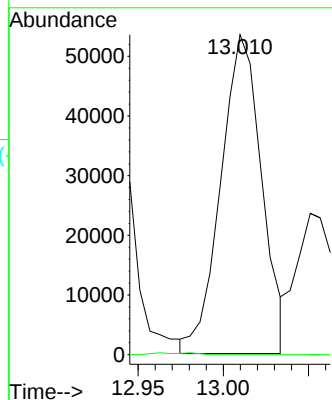
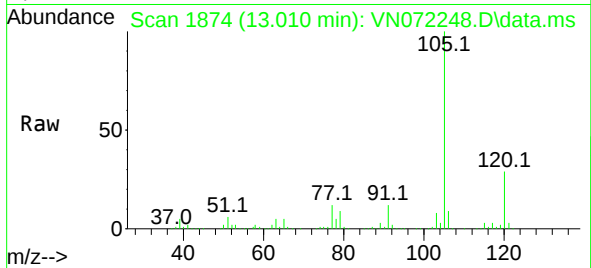




#82
4-Chlorotoluene
Concen: 6.384 ug/l
RT: 13.010 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

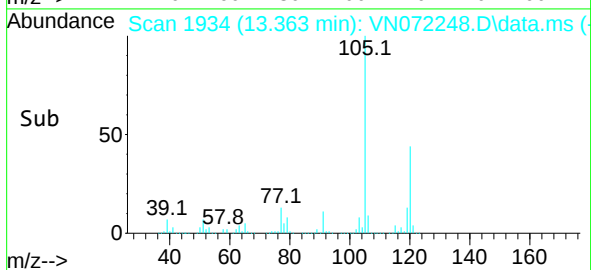
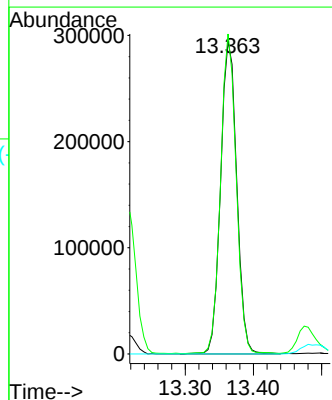
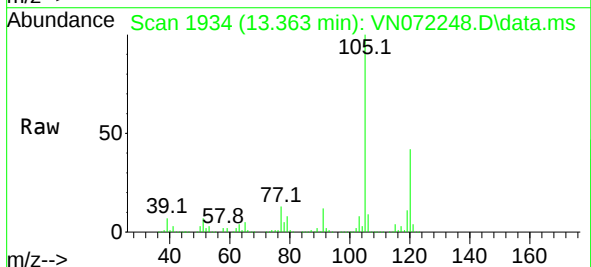
Instrument :
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ClientSampleId :
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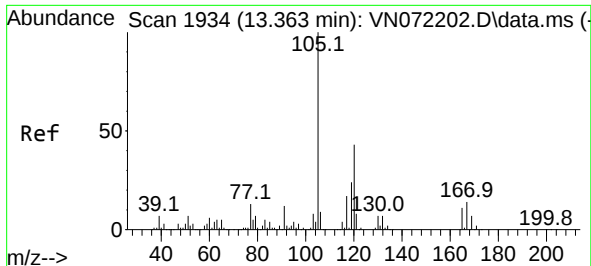
Tgt Ion: 91 Resp: 89172
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 32.033 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 119 Resp: 485726
Ion Ratio Lower Upper
119 100
91 98.8 31.6 94.8#
134 0.0 13.7 41.1#

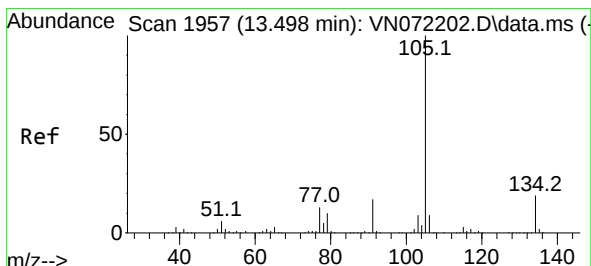
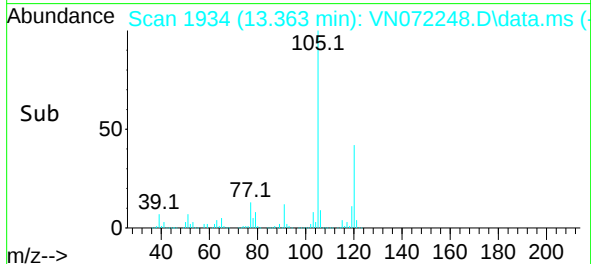
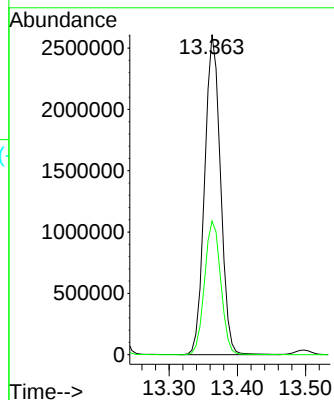
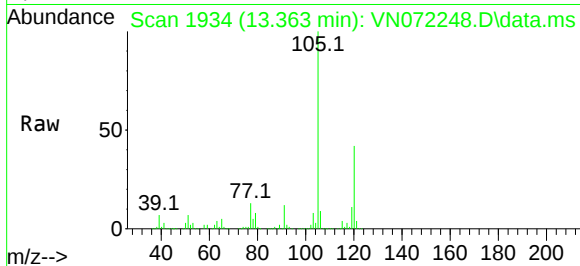




#84
1,2,4-Trimethylbenzene
Concen: 251.987 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

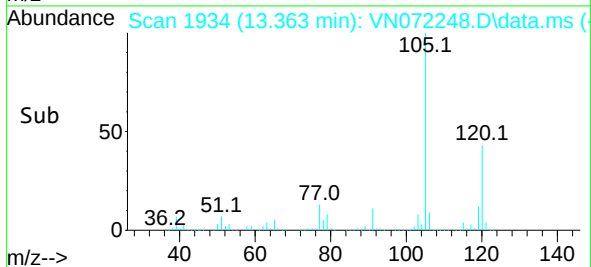
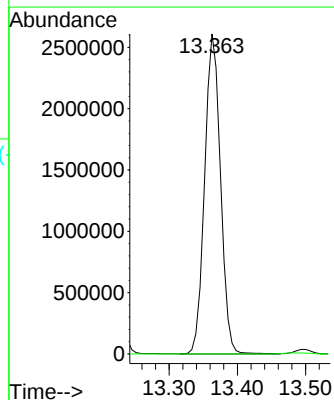
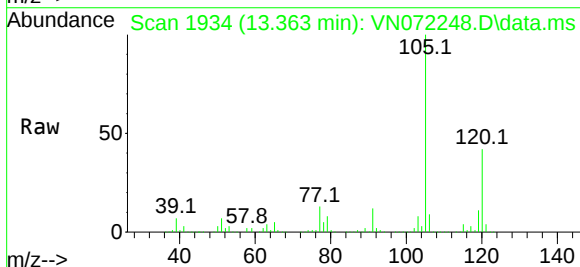
Instrument :
MSVOA_N
ClientSampleId :
MW-14

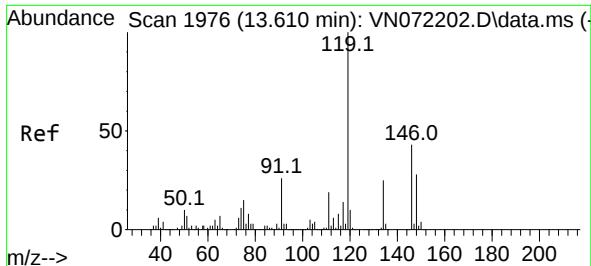
Tgt Ion:105 Resp: 4210578
Ion Ratio Lower Upper
105 100
120 42.7 23.3 69.8



#85
sec-Butylbenzene
Concen: 212.991 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion:105 Resp: 4210578
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

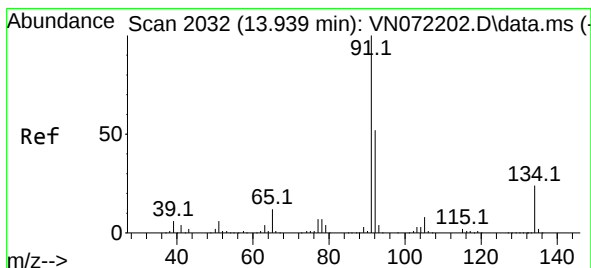
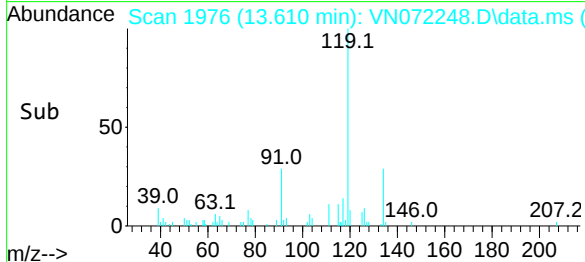
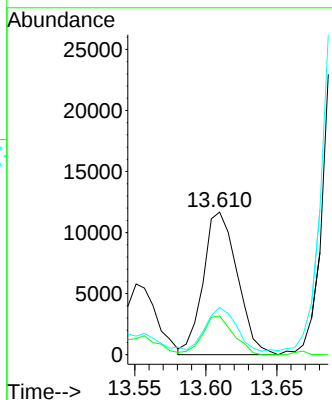
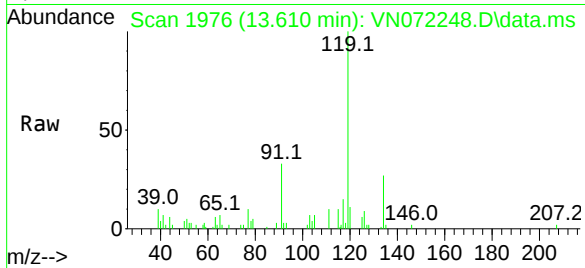




#86
p-Isopropyltoluene
Concen: 1.265 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

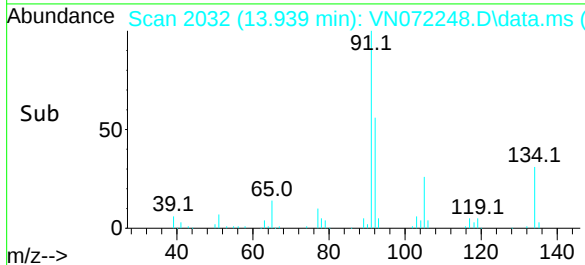
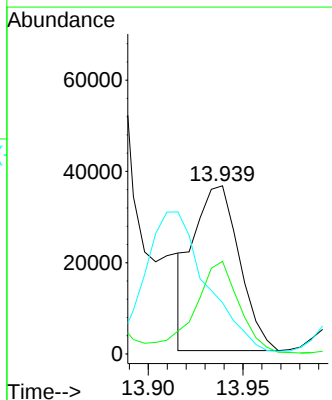
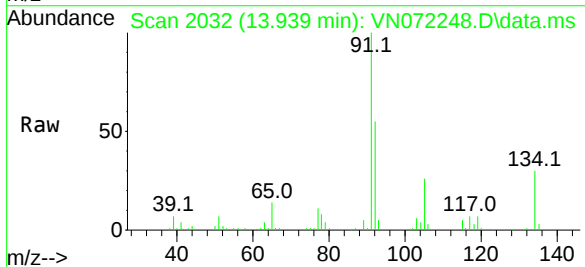
Instrument :
MSVOA_N
ClientSampleId :
MW-14

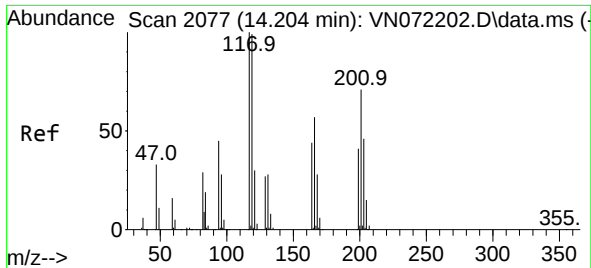
Tgt Ion:119 Resp: 19493
Ion Ratio Lower Upper
119 100
134 24.6 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 5.146 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 91 Resp: 60752
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 0.0 13.6 40.8#

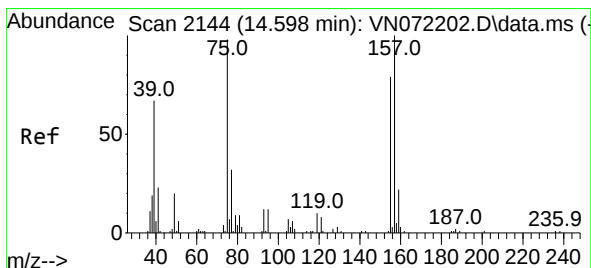
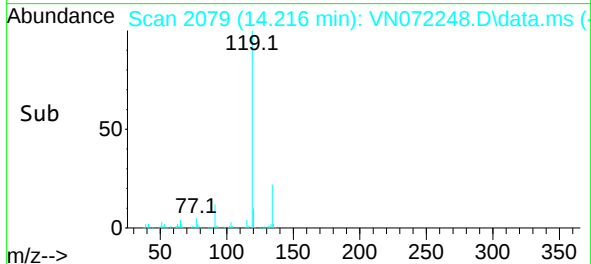
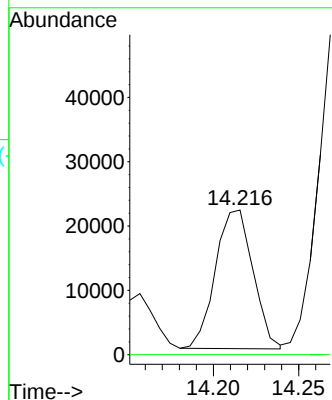
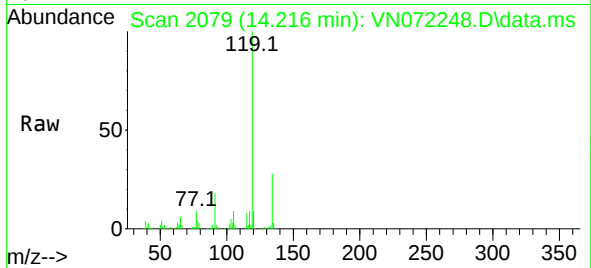




#90
Hexachloroethane
Concen: 9.887 ug/l
RT: 14.216 min Scan# 2079
Delta R.T. 0.012 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

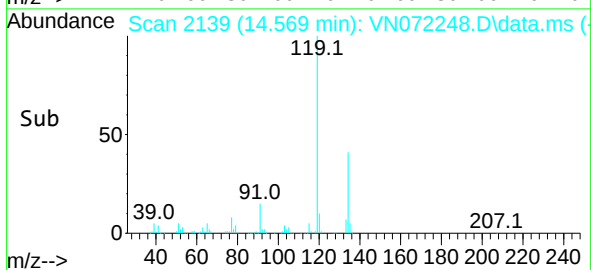
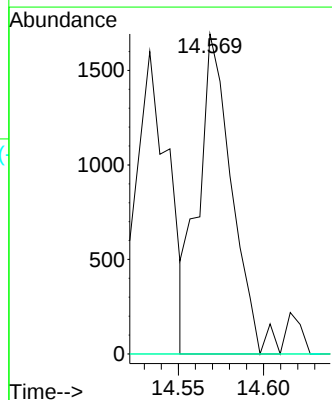
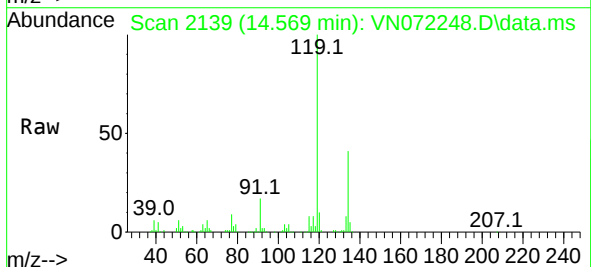
Instrument :
MSVOA_N
ClientSampleId :
MW-14

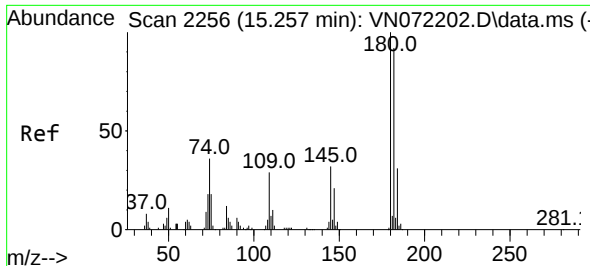
Tgt Ion:117 Resp: 33079
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.609 ug/l
RT: 14.569 min Scan# 2139
Delta R.T. -0.029 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 75 Resp: 2307
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#

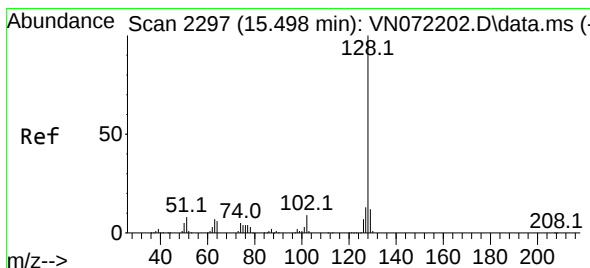
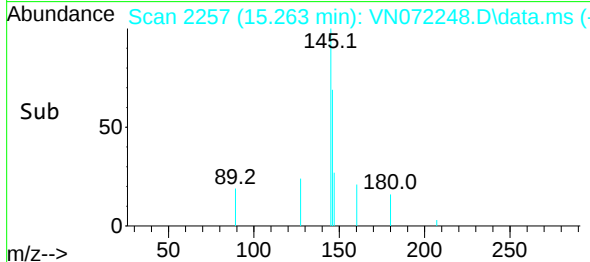
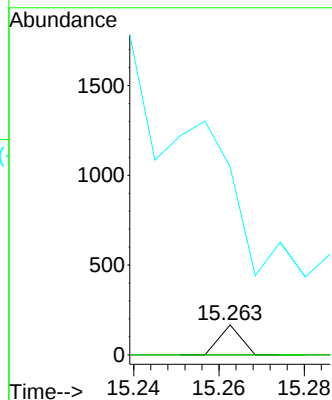
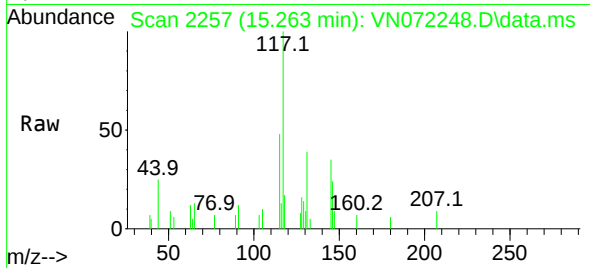




#93
1,2,4-Trichlorobenzene
Concen: 2.435 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

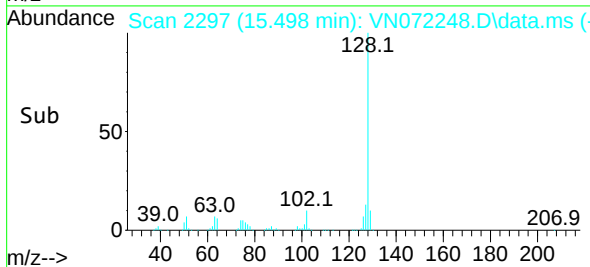
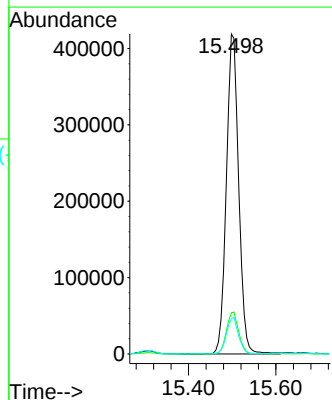
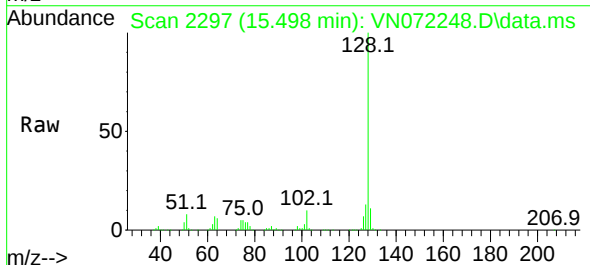
Instrument :
MSVOA_N
ClientSampleId :
MW-14

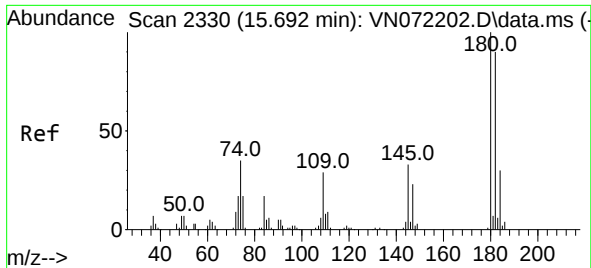
Tgt Ion:180 Resp: 59
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 65.450 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

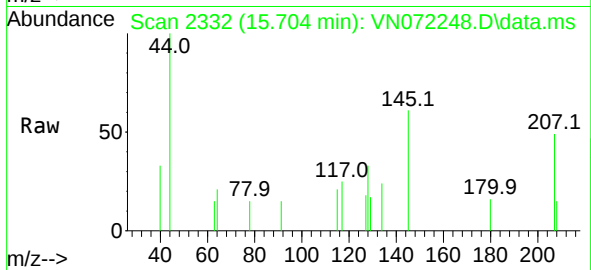
Tgt Ion:128 Resp: 813627
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.688 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN072248.D
 Acq: 28 Apr 2022 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14



Tgt Ion:180 Resp: 55
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.3#
 145 0.0 15.5 46.5#

