

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073005.D
 Acq On : 22 Jun 2022 05:41
 Operator : JC\MD
 Sample : N3381-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Quant Time: Jun 22 07:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	309311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	478111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	457461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	243262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.381	65	161623	38.649	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.300%
35) Dibromofluoromethane	7.951	113	154669	52.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.680%
50) Toluene-d8	10.375	98	509403	46.325	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.660%
62) 4-Bromofluorobenzene	12.669	95	238771	60.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.780%

Target Compounds				Qvalue		
3) Chloromethane	2.257	50	693	0.786	ug/l #	43
6) Chloroethane	2.975	64	1067	0.646	ug/l #	79
11) Tert butyl alcohol	5.287	59	5215	4.828	ug/l #	72
13) Acrolein	3.928	56	53330	125.354	ug/l #	1
14) Allyl chloride	4.881	41	262767	41.531	ug/l #	1
15) Acrylonitrile	5.446	53	530	0.213	ug/l #	24
16) Acetone	4.228	43	84201	36.630	ug/l	94
18) Methyl Acetate	4.793	43	2132	0.348	ug/l #	62
19) Methyl tert-butyl Ether	5.551	73	2501	0.225	ug/l #	1
20) Methylene Chloride	4.875	84	8739	2.220	ug/l #	1
22) Diisopropyl ether	6.416	45	61999	5.256	ug/l #	88
23) Vinyl Acetate	6.316	43	7360	0.676	ug/l #	68
25) 2-Butanone	7.281	43	12154	3.332	ug/l #	88
28) Bromochloromethane	7.763	49	762	0.298	ug/l #	8
29) Tetrahydrofuran	7.622	42	1140	0.473	ug/l #	62
30) Chloroform	7.769	83	2159	0.345	ug/l #	18
31) Cyclohexane	8.022	56	122361	21.631	ug/l	93
36) 1,1-Dichloropropene	8.398	75	1101026	275.347	ug/l #	1
37) Ethyl Acetate	7.340	43	6947	1.086	ug/l #	74
38) Carbon Tetrachloride	8.016	117	31564	7.504	ug/l #	16
39) Methylcyclohexane	9.392	83	10687	2.217	ug/l	90
41) Methacrylonitrile	7.581	41	970	0.320	ug/l #	6
42) 1,2-Dichloroethane	8.398	62	604993	135.542	ug/l	74
43) Isopropyl Acetate	8.469	43	111590	12.205	ug/l #	53
45) 1,2-Dichloropropane	9.434	63	4530	1.410	ug/l #	86
48) Methyl methacrylate	9.463	41	1640	0.393	ug/l #	10
51) 4-Methyl-2-Pentanone	10.386	43	12430	2.085	ug/l	97
52) Toluene	10.439	92	1694789	219.664	ug/l	99
53) t-1,3-Dichloropropene	10.822	75	1257	0.271	ug/l	98
55) 1,1,2-Trichloroethane	10.692	97	57161	16.873	ug/l #	19
56) Ethyl methacrylate	10.692	69	3982	0.733	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.904	63	1623	0.677	ug/l #	44
59) 2-Hexanone	11.063	43	3961	0.859	ug/l	88
67) Ethyl Benzene	11.780	91	14034907	892.407	ug/l	98
68) m/p-Xylenes	11.892	106	12958504	2100.793	ug/l	84
69) o-Xylene	12.216	106	2038725	330.763	ug/l	95

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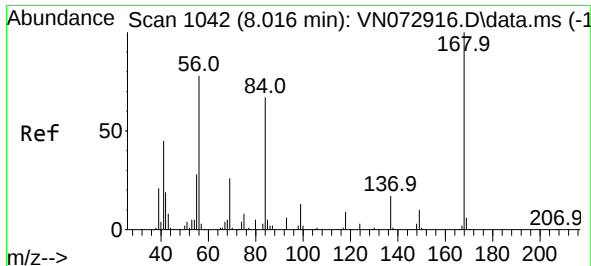
Instrument :
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 Response via : Initial Calibration

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

70) Styrene	12.216	104	101689	10.273	ug/l	#	1
71) Bromoform	12.663	173	1426	0.556	ug/l	#	28
73) Isopropylbenzene	12.516	105	218938	11.634	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.774	83	3502	0.517	ug/l	#	25
76) 1,2,3-Trichloropropane	12.922	75	14260	2.418	ug/l	#	1
78) n-propylbenzene	12.857	91	377290	18.226	ug/l		97
79) 2-Chlorotoluene	12.916	91	205504	15.331	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.998	105	552629	35.749	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.522	75	4107	1.881	ug/l	#	81
82) 4-Chlorotoluene	12.992	91	56399	4.447	ug/l	#	40
83) tert-Butylbenzene	13.304	119	300019	21.191	ug/l	#	60
84) 1,2,4-Trimethylbenzene	13.304	105	2517549	163.509	ug/l		97
85) sec-Butylbenzene	13.304	105	2517549	133.301	ug/l	#	56
86) p-Isopropyltoluene	13.492	119	10138	0.663	ug/l	#	77
89) n-Butylbenzene	13.810	91	201145	16.110	ug/l	#	43
90) Hexachloroethane	14.157	117	4382	1.520	ug/l	#	9
92) 1,2-Dibromo-3-Chloropr...	14.545	75	68	Below Cal		#	1
95) Naphthalene	15.427	128	1316789	70.070	ug/l		100

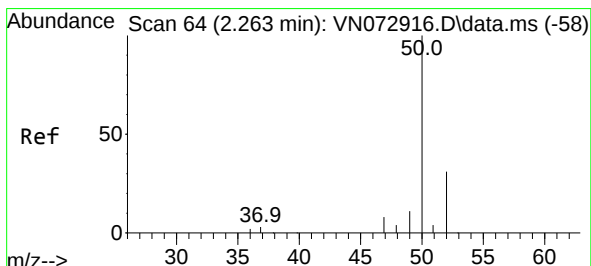
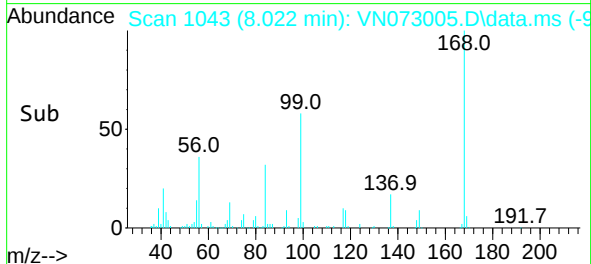
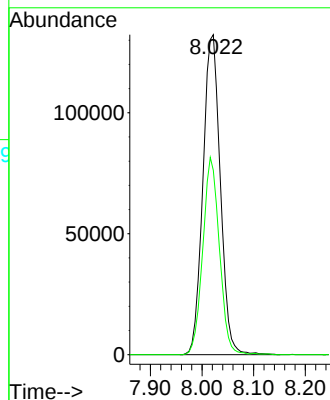
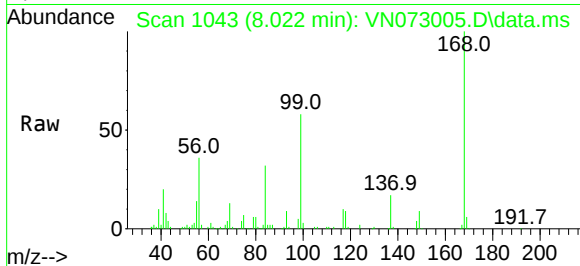
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073005.D
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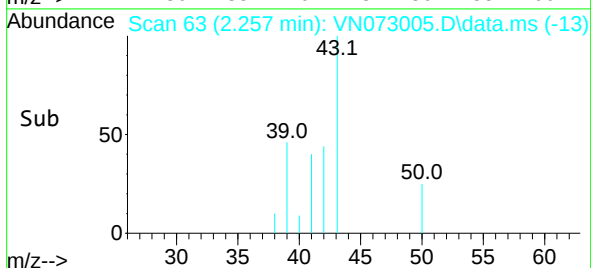
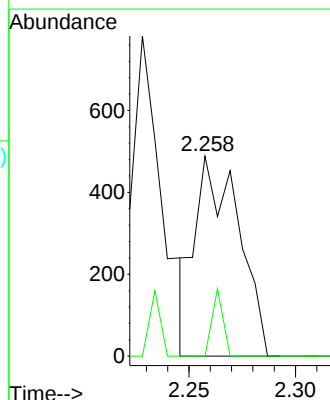
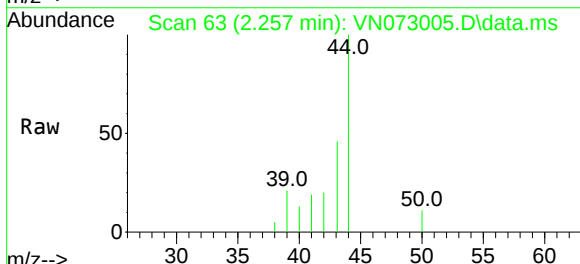
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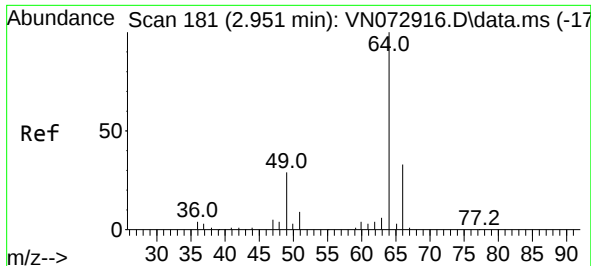
Tgt Ion:168 Resp: 309311
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#3
Chloromethane
Concen: 0.786 ug/l
RT: 2.257 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 50 Resp: 693
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

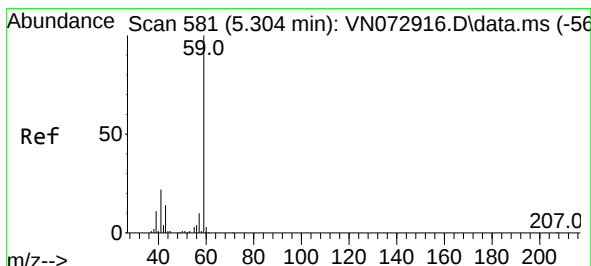
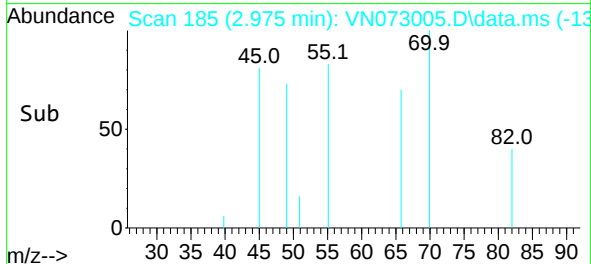
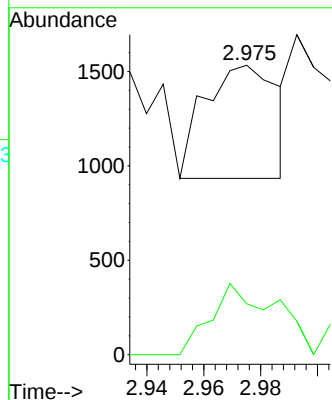
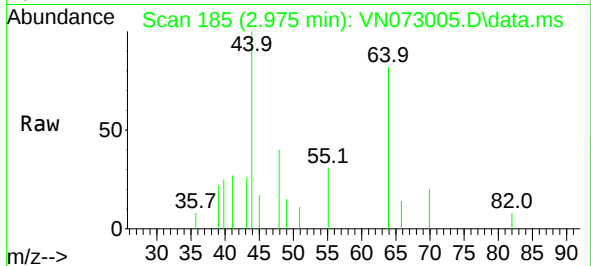




#6
Chloroethane
Concen: 0.646 ug/l
RT: 2.975 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

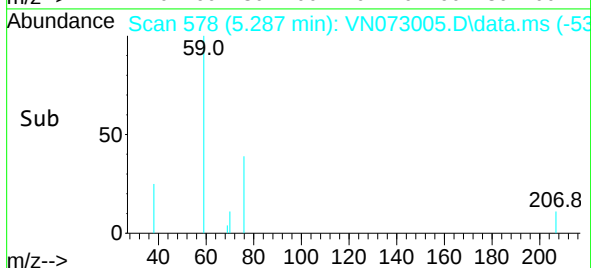
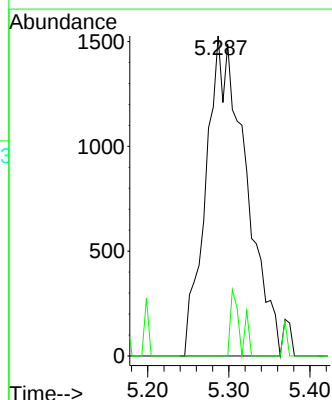
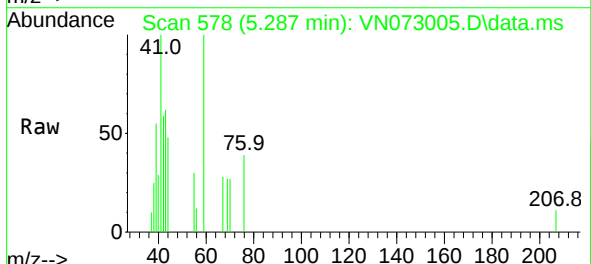
Instrument :
MSVOA_N
ClientSampleId :
MW-34

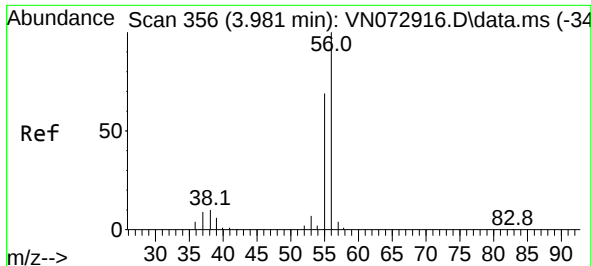
Tgt Ion: 64 Resp: 1067
Ion Ratio Lower Upper
64 100
66 44.9 26.2 39.4#



#11
Tert butyl alcohol
Concen: 4.828 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.017 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 59 Resp: 5215
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

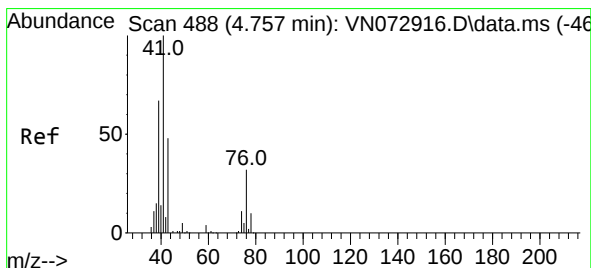
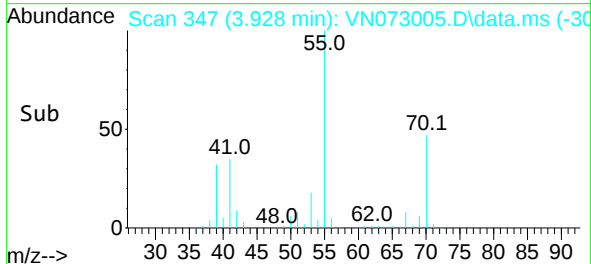
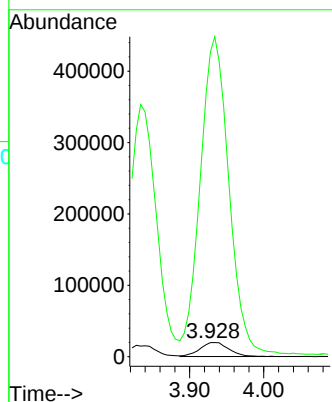
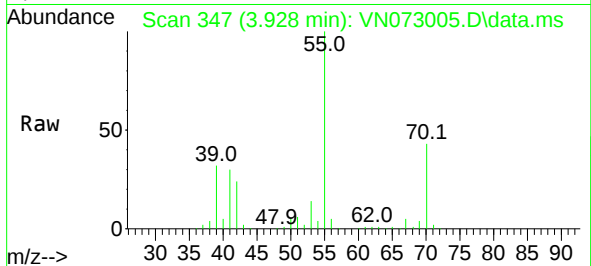




#13
Acrolein
Concen: 125.354 ug/l
RT: 3.928 min Scan# 34
Delta R.T. -0.053 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

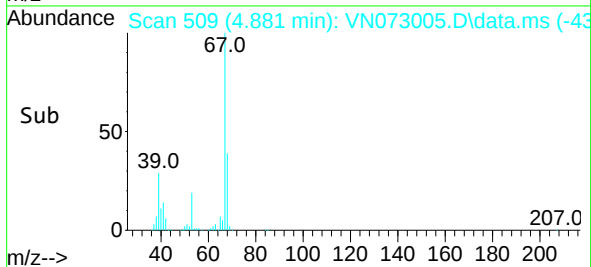
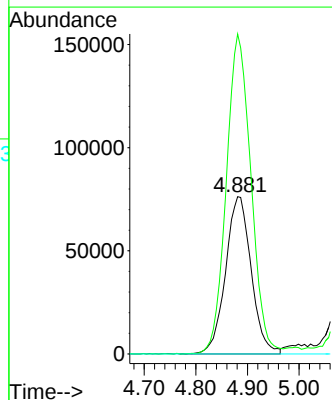
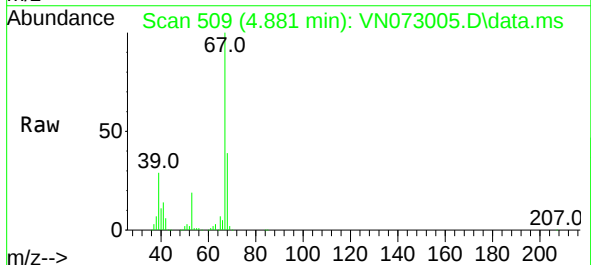
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MSVOA_N
ClientSampleId :
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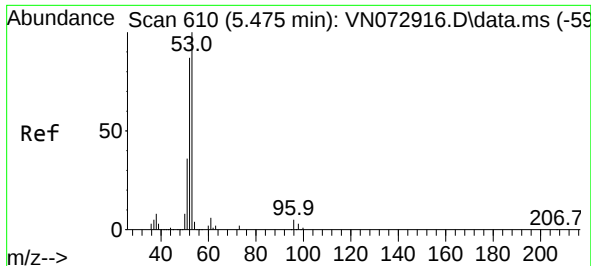
Tgt Ion: 56 Resp: 53330
Ion Ratio Lower Upper
56 100
55 2216.3 54.8 82.2#



#14
Allyl chloride
Concen: 41.531 ug/l
RT: 4.881 min Scan# 509
Delta R.T. 0.124 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 41 Resp: 262767
Ion Ratio Lower Upper
41 100
39 195.6 53.2 79.8#
76 0.0 29.9 44.9#

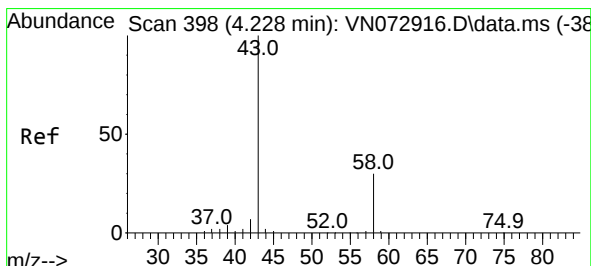
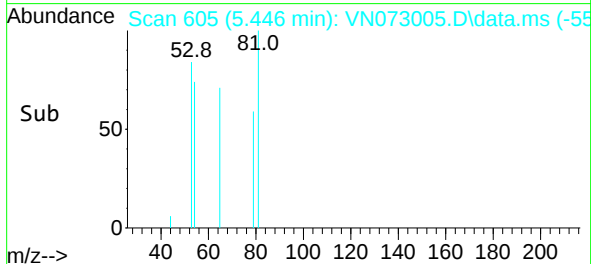
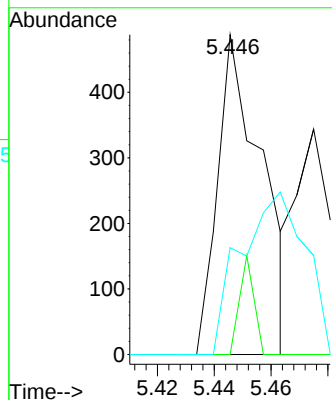
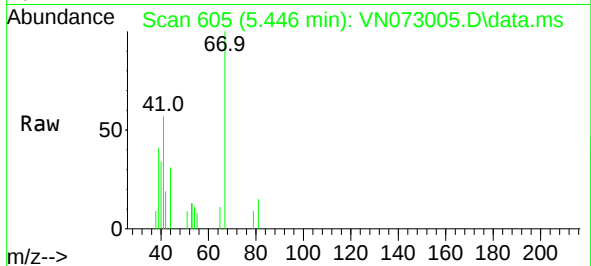




#15
Acrylonitrile
Concen: 0.213 ug/l
RT: 5.446 min Scan# 605
Delta R.T. -0.029 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

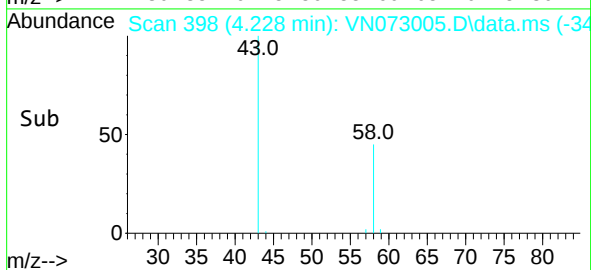
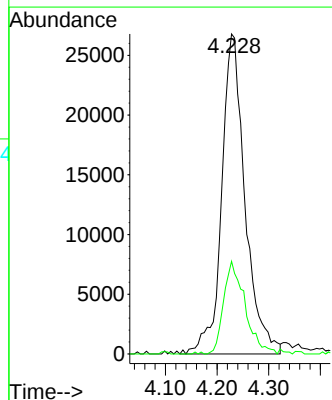
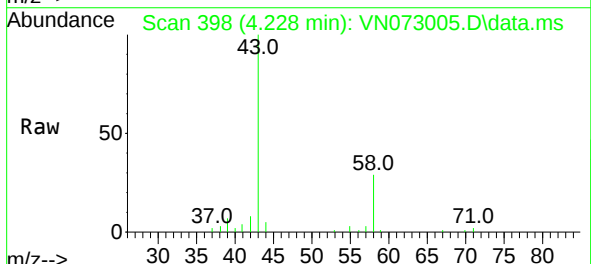
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ClientSampleId :
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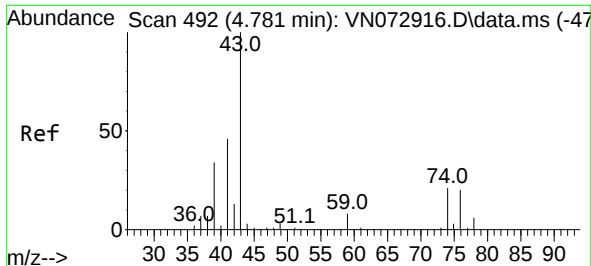
Tgt Ion: 53 Resp: 530
Ion Ratio Lower Upper
53 100
52 10.0 66.4 99.6#
51 73.8 28.5 42.7#



#16
Acetone
Concen: 36.630 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 43 Resp: 84201
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0

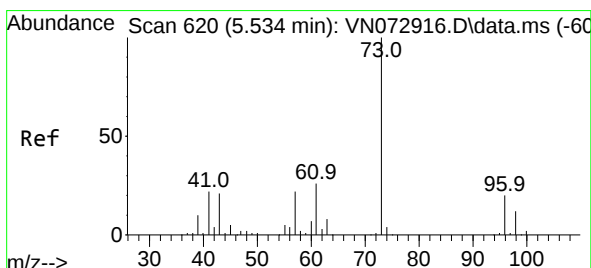
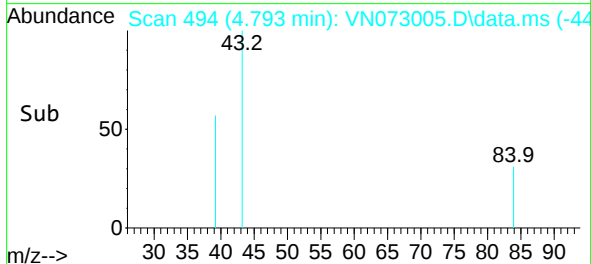
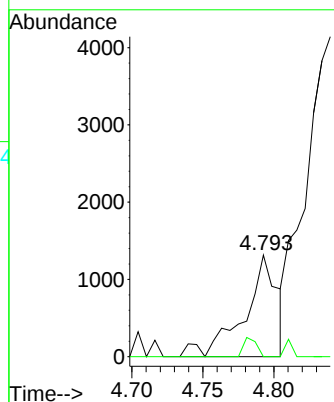
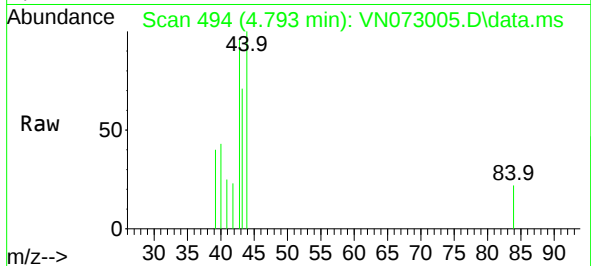




#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

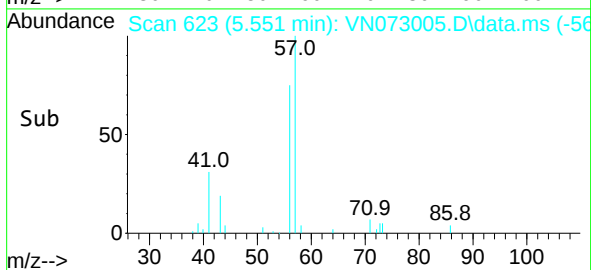
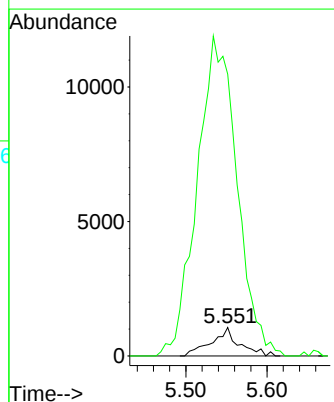
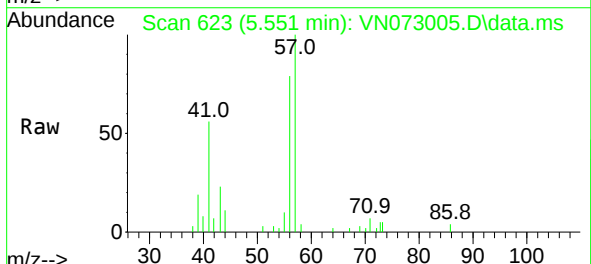
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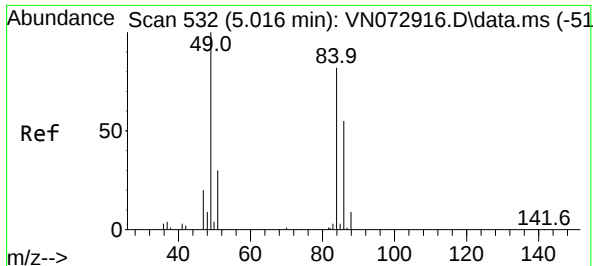
Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
74 7.3 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.225 ug/l
RT: 5.551 min Scan# 623
Delta R.T. 0.018 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

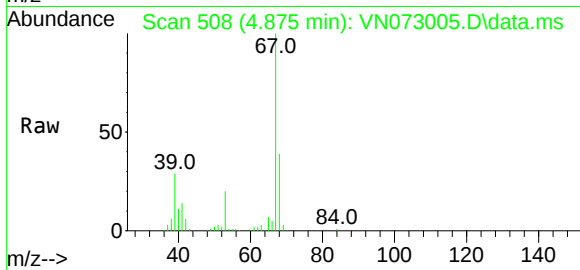
Tgt Ion: 73 Resp: 2501
Ion Ratio Lower Upper
73 100
57 974.1 17.6 26.4#



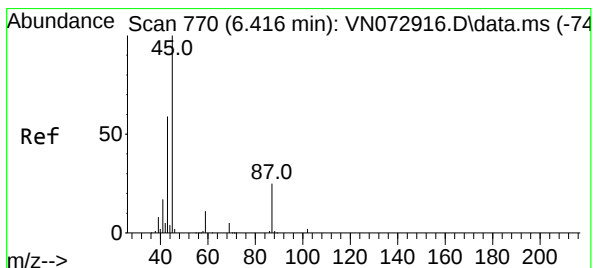
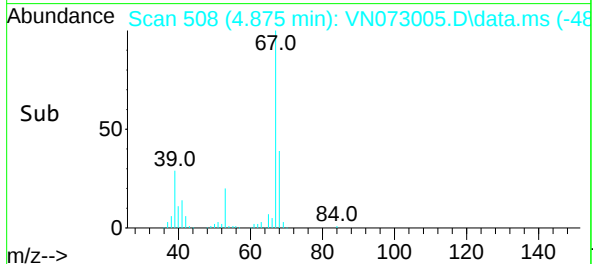
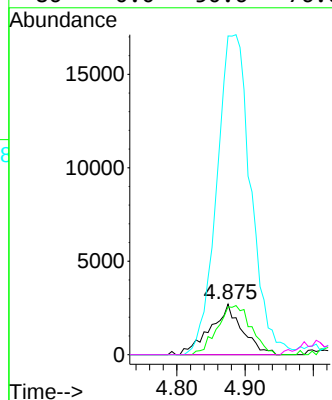


#20
Methylene Chloride
Concen: 2.220 ug/l
RT: 4.875 min Scan# 508
Delta R.T. -0.141 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
MW-34

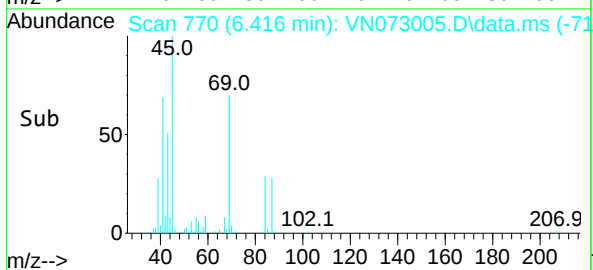
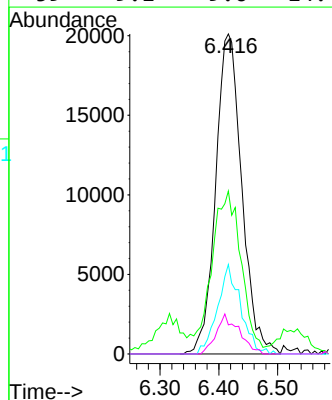
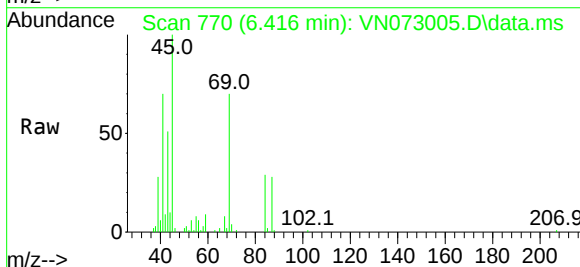


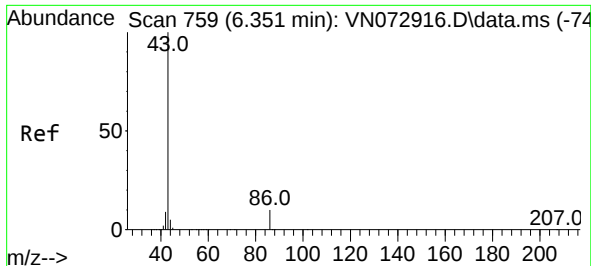
Tgt Ion:	84	Resp:	8739
Ion	Ratio	Lower	Upper
84	100		
49	94.6	88.3	132.5
51	629.3	28.2	42.2#
86	0.0	50.6	76.0#



#22
Diisopropyl ether
Concen: 5.256 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion:	45	Resp:	61999
Ion	Ratio	Lower	Upper
45	100		
43	46.2	46.6	70.0#
87	27.9	24.3	36.5
59	9.1	9.6	14.4#

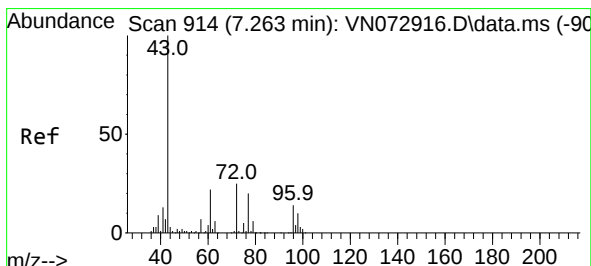
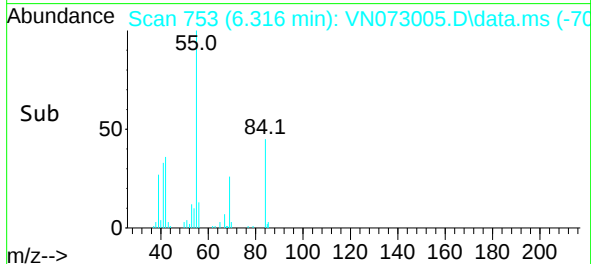
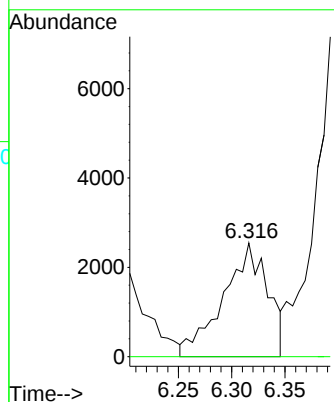
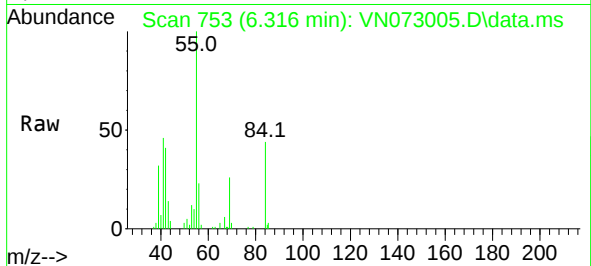




#23
 Vinyl Acetate
 Concen: 0.676 ug/l
 RT: 6.316 min Scan# 71
 Delta R.T. -0.035 min
 Lab File: VN073005.D
 Acq: 22 Jun 2022 05:41

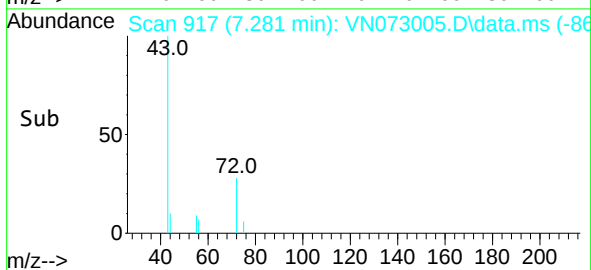
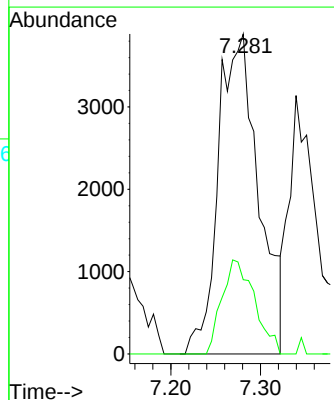
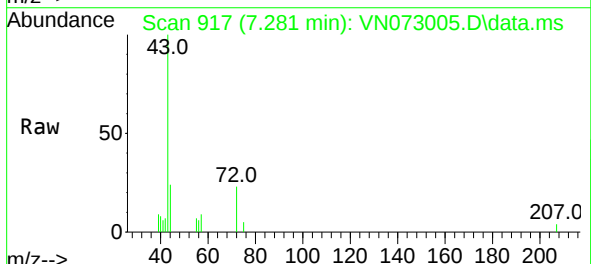
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

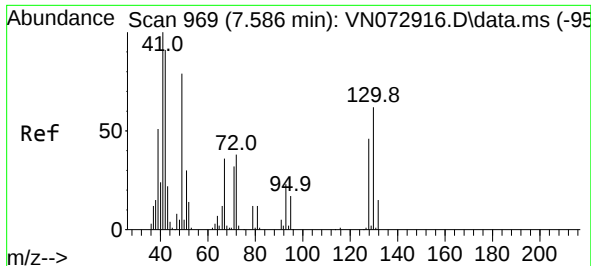
Tgt Ion: 43 Resp: 7360
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 3.332 ug/l
 RT: 7.281 min Scan# 917
 Delta R.T. 0.018 min
 Lab File: VN073005.D
 Acq: 22 Jun 2022 05:41

Tgt Ion: 43 Resp: 12154
 Ion Ratio Lower Upper
 43 100
 72 23.2 23.7 35.5#

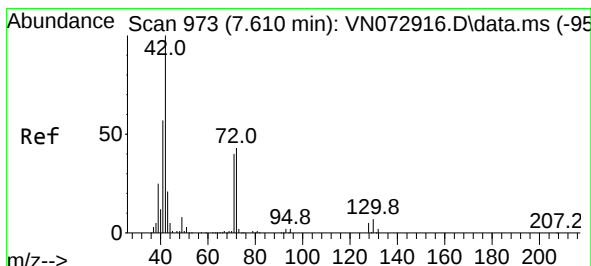
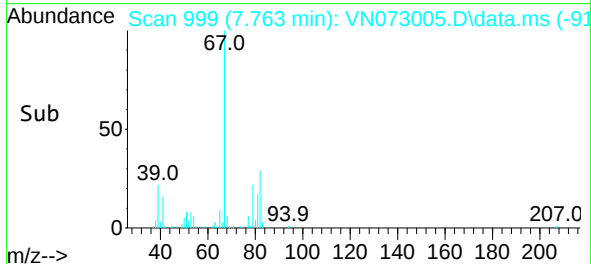
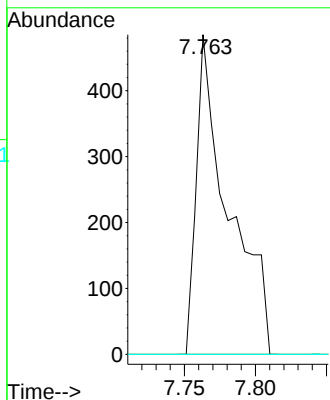
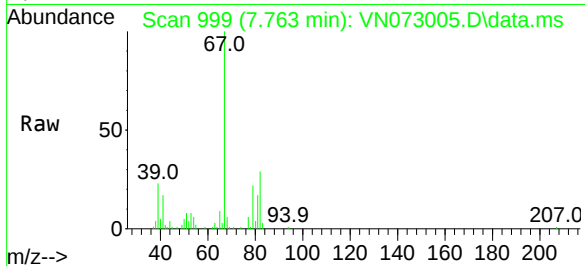




#28
Bromochloromethane
Concen: 0.298 ug/l
RT: 7.763 min Scan# 91
Delta R.T. 0.177 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

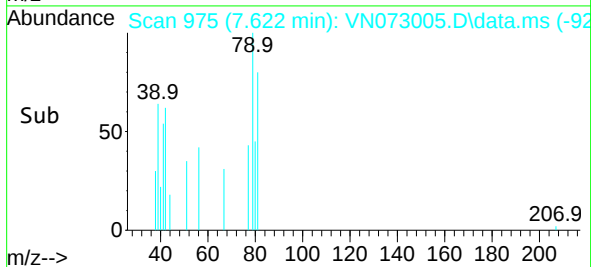
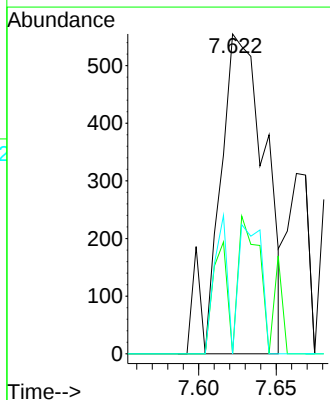
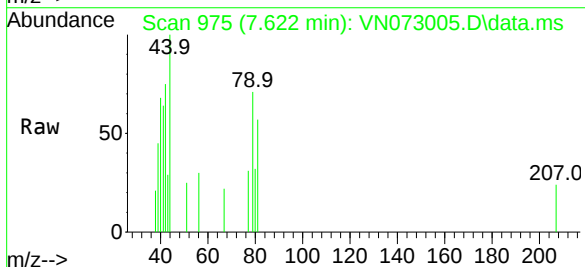
Instrument :
MSVOA_N
ClientSampleId :
MW-34

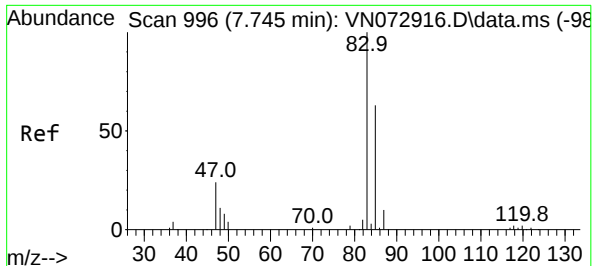
Tgt Ion: 49 Resp: 762
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 0.473 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 42 Resp: 1140
Ion Ratio Lower Upper
42 100
72 24.4 39.7 59.5#
71 19.9 36.6 55.0#





#30

Chloroform

Concen: 0.345 ug/l

RT: 7.769 min Scan# 1000

Delta R.T. 0.024 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

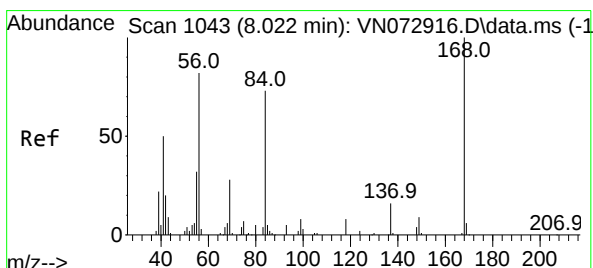
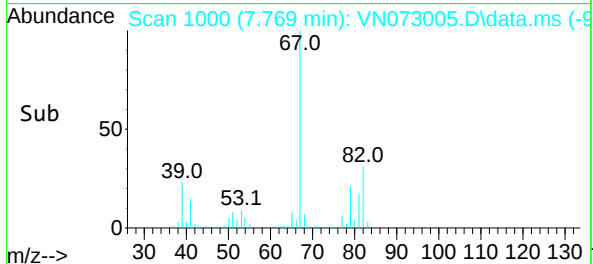
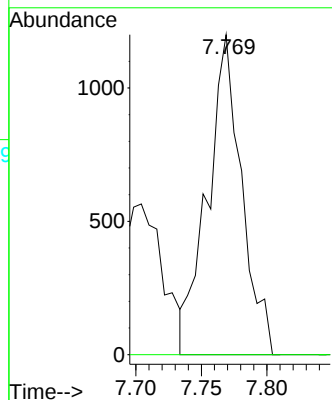
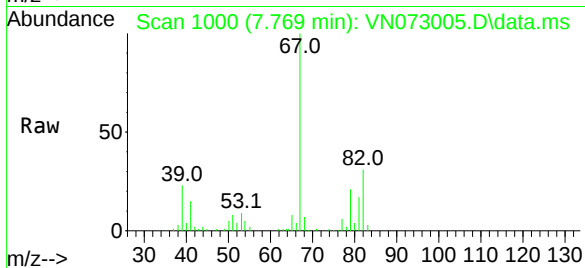
MW-34

Tgt Ion: 83 Resp: 2159

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#



#31

Cyclohexane

Concen: 21.631 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

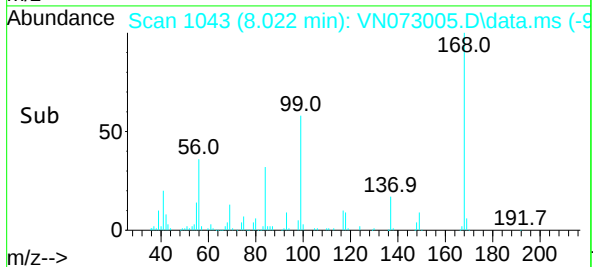
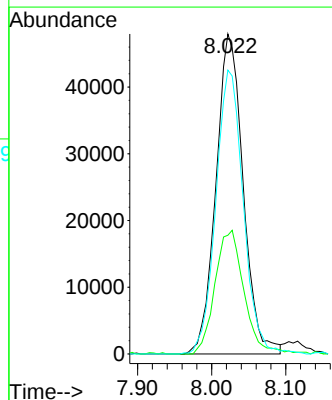
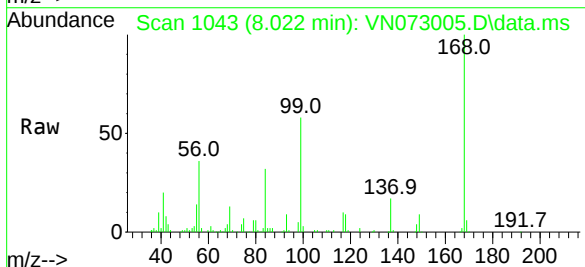
Tgt Ion: 56 Resp: 122361

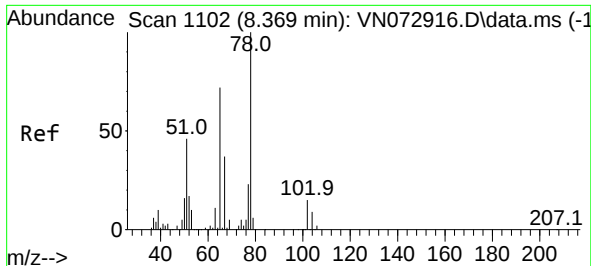
Ion Ratio Lower Upper

56 100

69 37.1 27.8 41.8

84 88.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 38.649 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

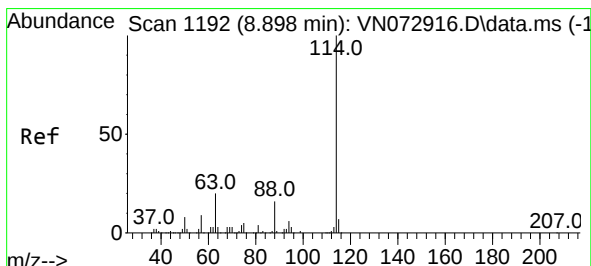
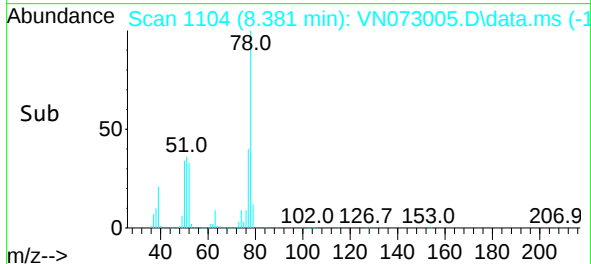
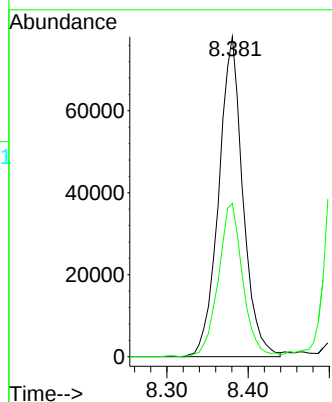
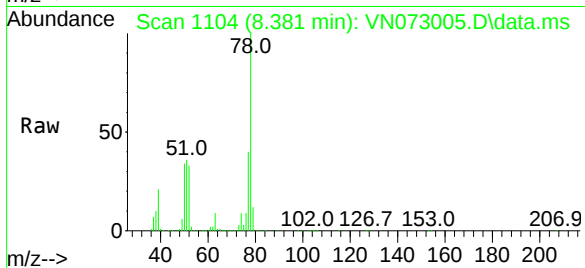
MW-34

Tgt Ion: 65 Resp: 161623

Ion Ratio Lower Upper

65 100

67 48.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

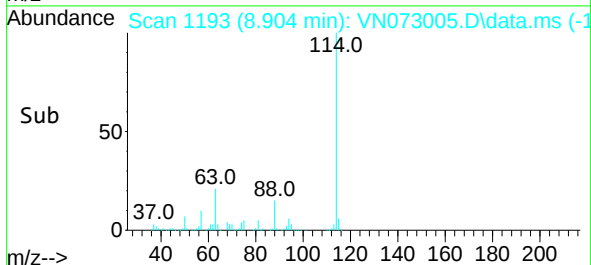
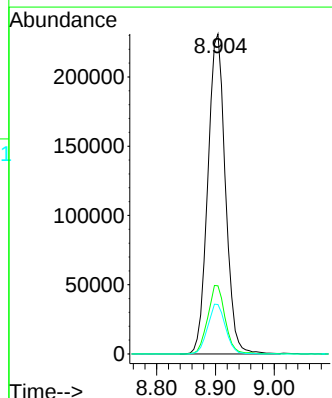
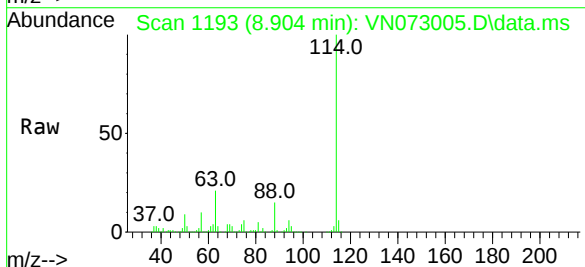
Tgt Ion: 114 Resp: 478111

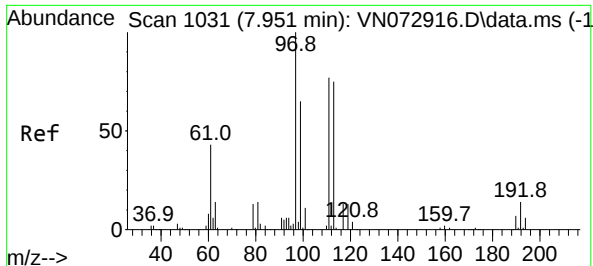
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.4 0.0 32.6

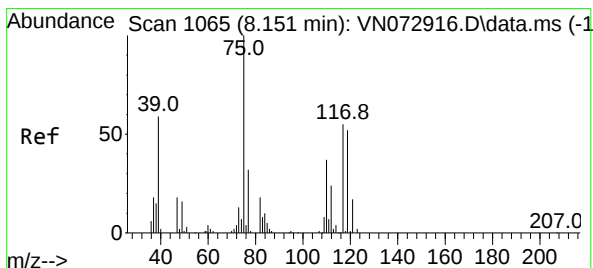
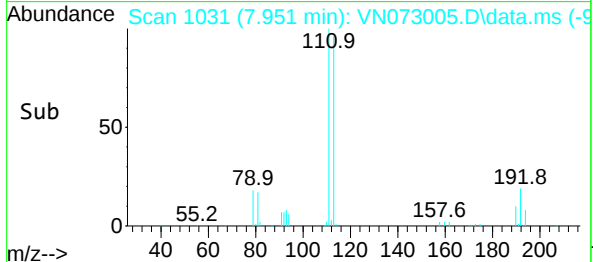
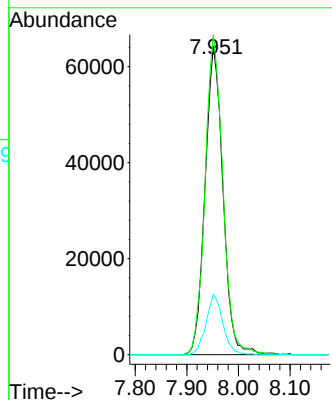
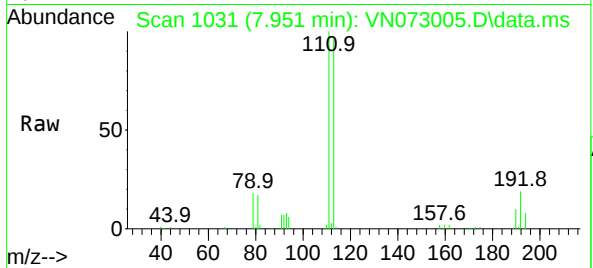




#35
Dibromofluoromethane
Concen: 52.339 ug/l
RT: 7.951 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

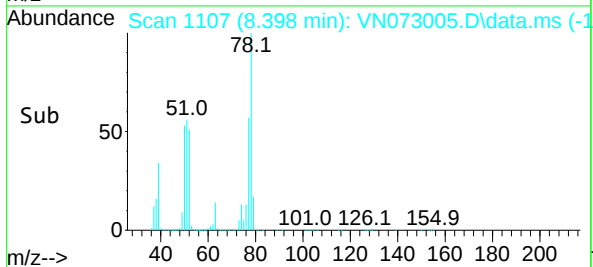
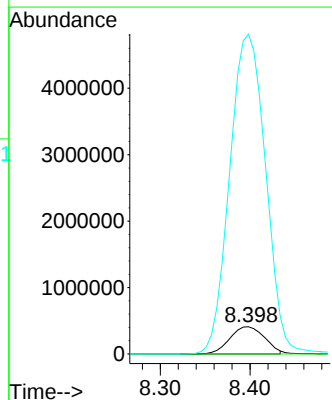
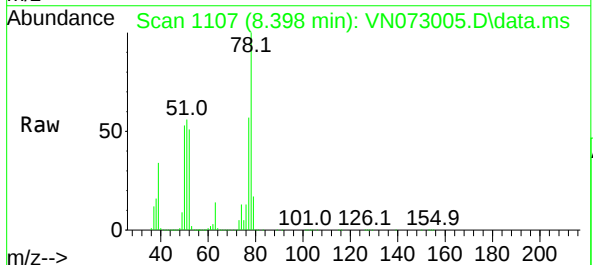
Instrument :
MSVOA_N
ClientSampleId :
MW-34

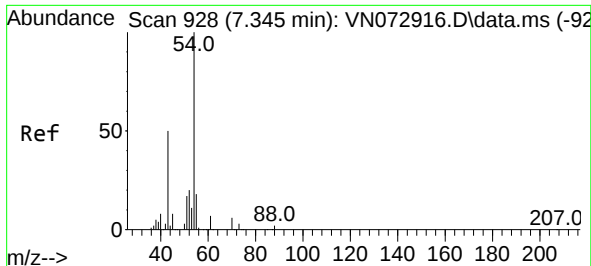
Tgt Ion:113 Resp: 154669
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 275.347 ug/l
RT: 8.398 min Scan# 1107
Delta R.T. 0.247 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 75 Resp: 1101026
Ion Ratio Lower Upper
75 100
110 0.0 18.3 54.8#
77 1197.3 25.1 37.7#

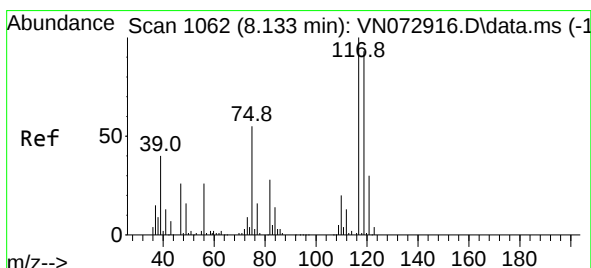
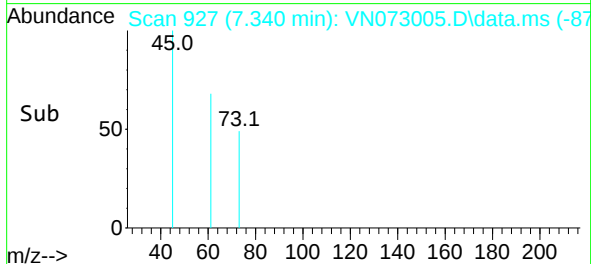
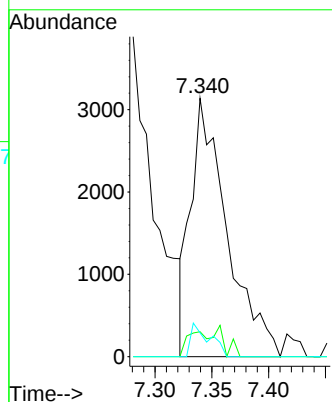
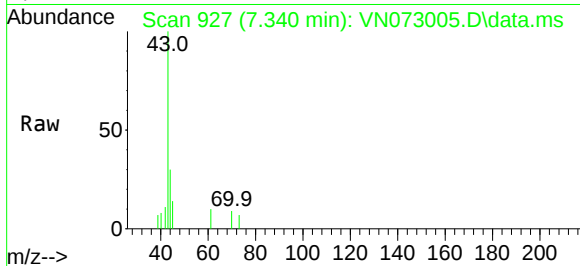




#37
Ethyl Acetate
Concen: 1.086 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

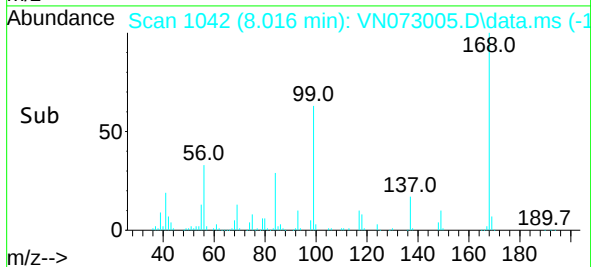
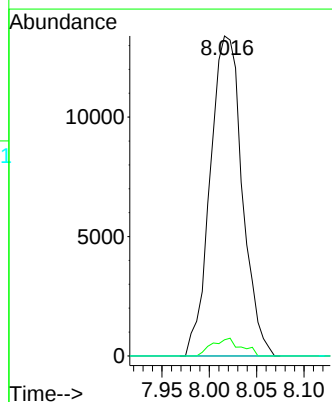
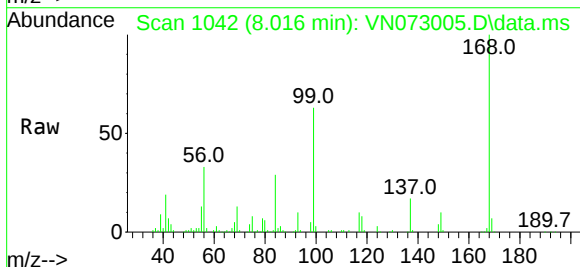
Instrument :
MSVOA_N
ClientSampleId :
MW-34

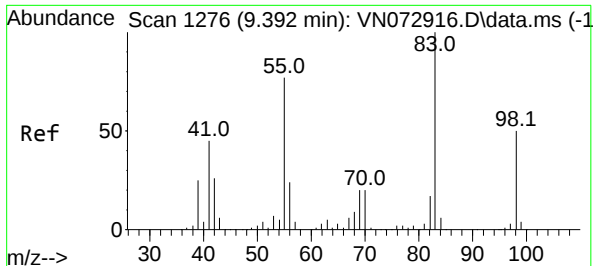
Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 6.6 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.504 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 117 Resp: 31564
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 2.217 ug/l

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

MW-34

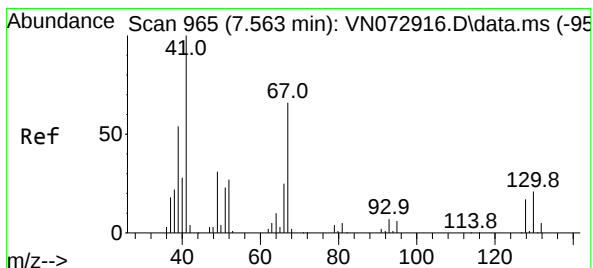
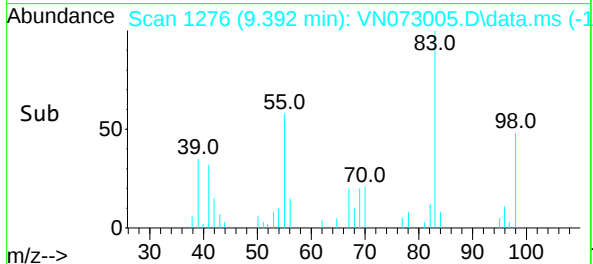
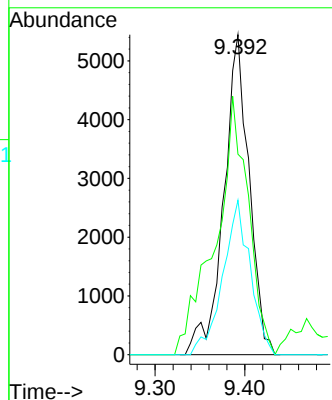
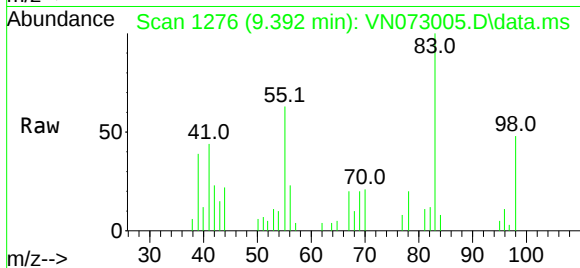
Tgt Ion: 83 Resp: 10687

Ion Ratio Lower Upper

83 100

55 59.5 57.8 86.8

98 48.3 39.4 59.2



#41

Methacrylonitrile

Concen: 0.320 ug/l

RT: 7.581 min Scan# 968

Delta R.T. 0.018 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Tgt Ion: 41 Resp: 970

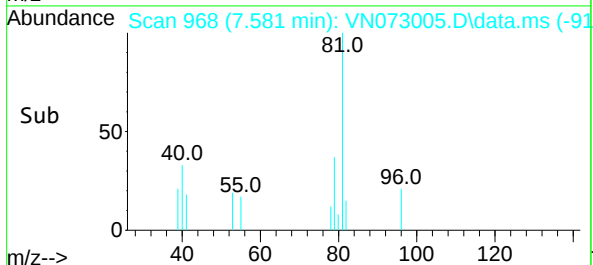
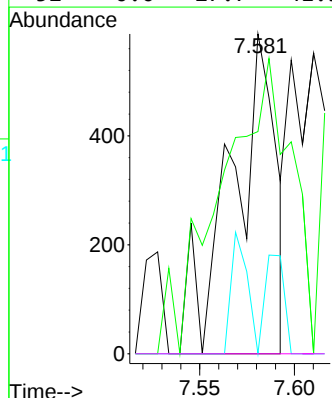
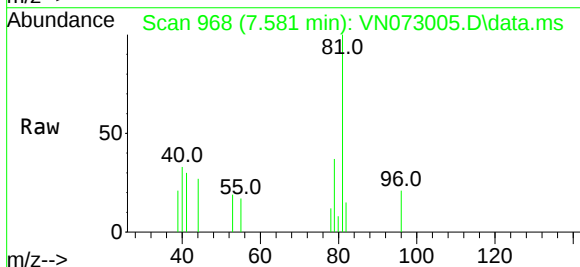
Ion Ratio Lower Upper

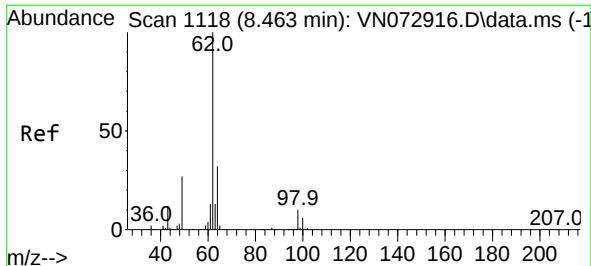
41 100

39 145.2 48.6 73.0#

67 0.0 73.4 110.2#

52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 135.542 ug/l

RT: 8.398 min Scan# 1119

Delta R.T. -0.065 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

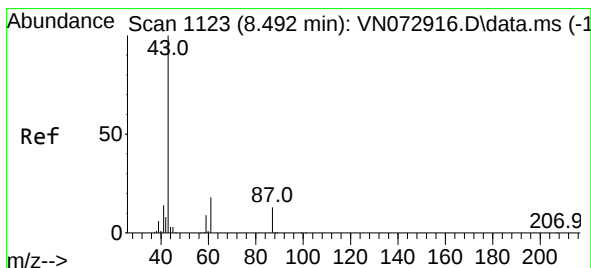
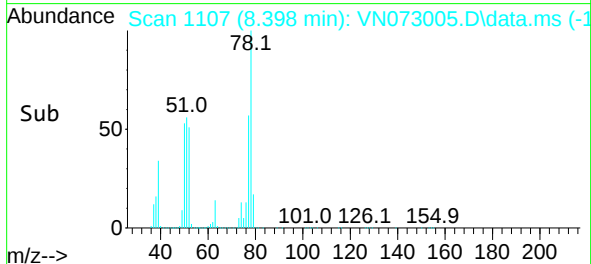
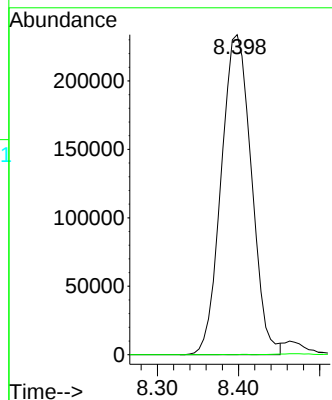
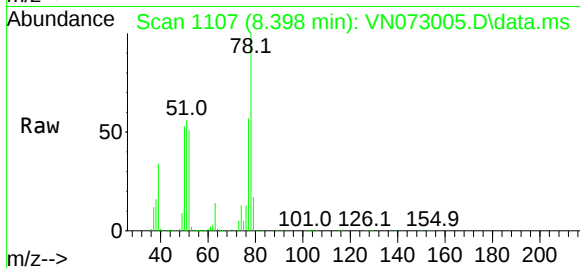
MW-34

Tgt Ion: 62 Resp: 604993

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#43

Isopropyl Acetate

Concen: 12.205 ug/l

RT: 8.469 min Scan# 1119

Delta R.T. -0.023 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

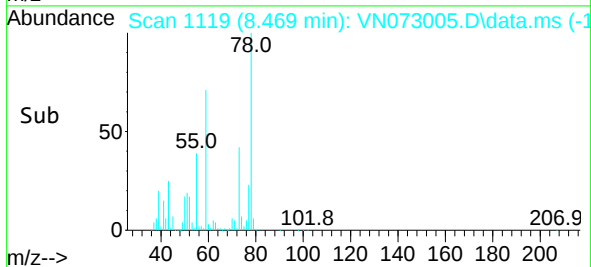
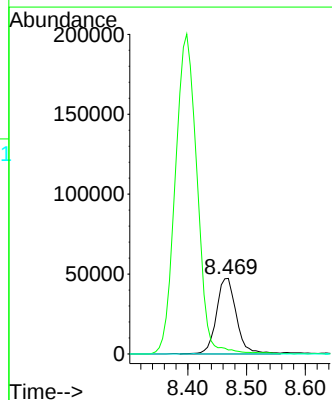
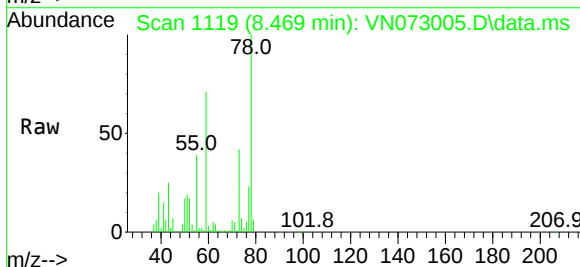
Tgt Ion: 43 Resp: 111590

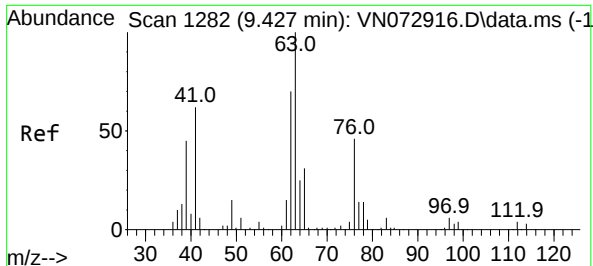
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 1.410 ug/l

RT: 9.434 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

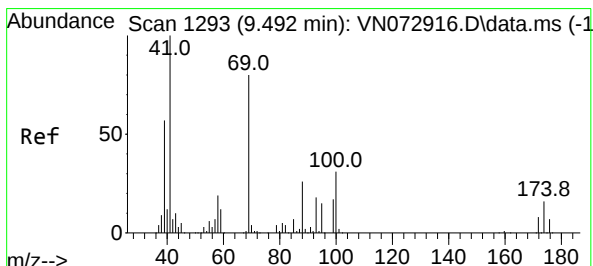
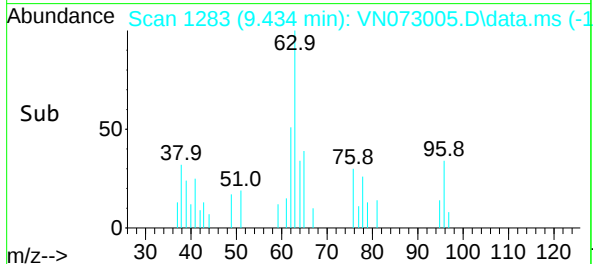
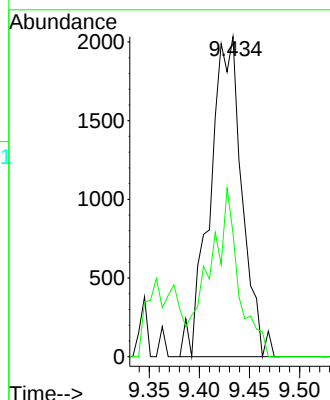
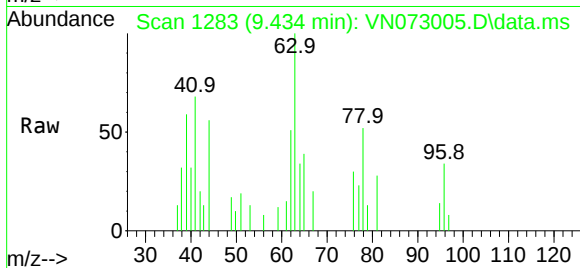
MW-34

Tgt Ion: 63 Resp: 4530

Ion Ratio Lower Upper

63 100

65 38.6 24.9 37.3#



#48

Methyl methacrylate

Concen: 0.393 ug/l

RT: 9.463 min Scan# 1288

Delta R.T. -0.029 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

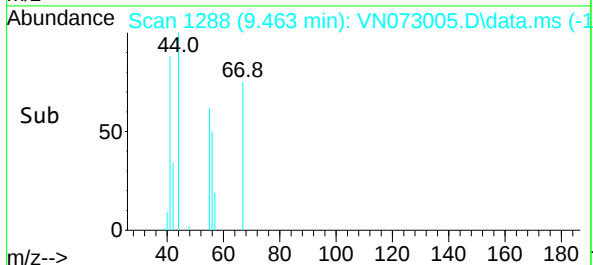
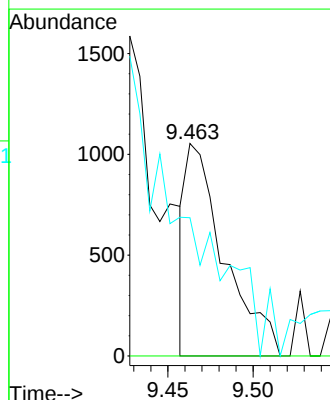
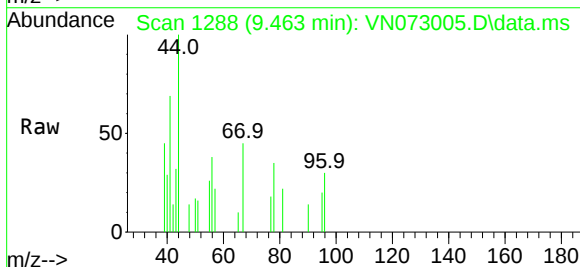
Tgt Ion: 41 Resp: 1640

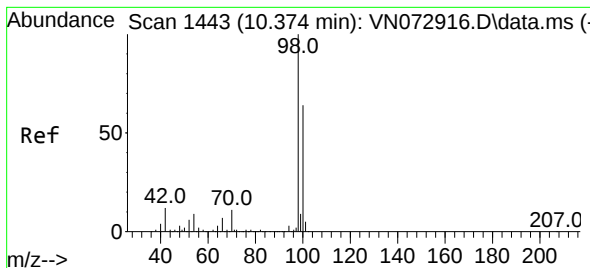
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 0.0 45.6 68.4#

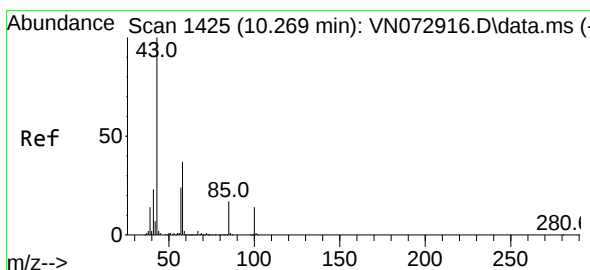
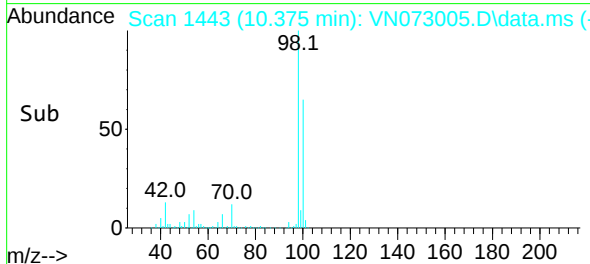
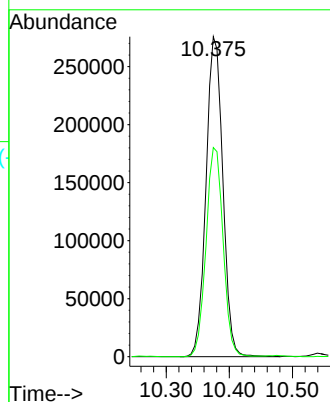
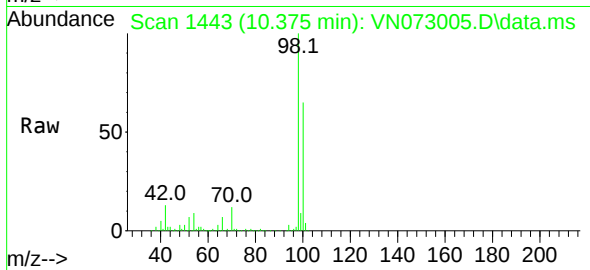




#50
Toluene-d8
Concen: 46.325 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

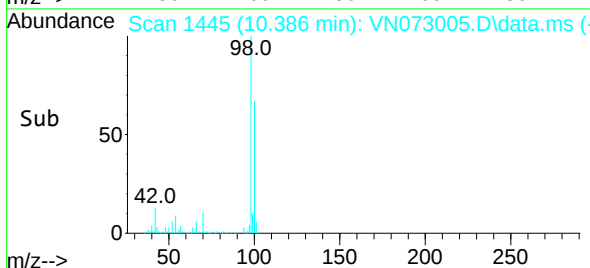
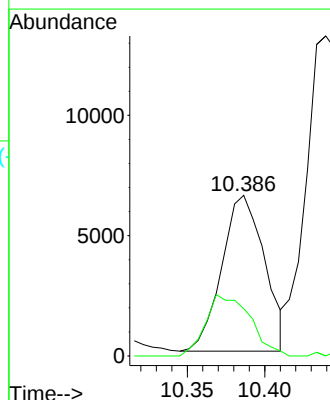
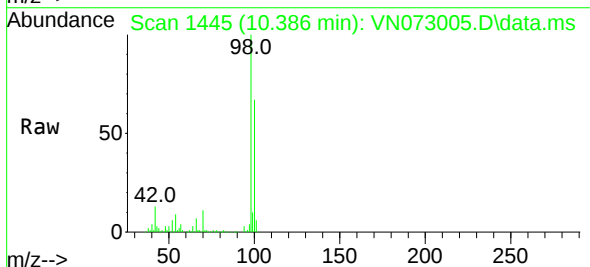
Instrument :
MSVOA_N
ClientSampleId :
MW-34

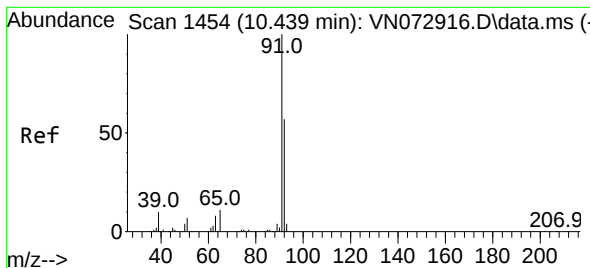
Tgt Ion: 98 Resp: 509403
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.085 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. 0.118 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 43 Resp: 12430
Ion Ratio Lower Upper
43 100
58 40.7 34.1 51.1





#52

Toluene

Concen: 219.664 ug/l

RT: 10.439 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

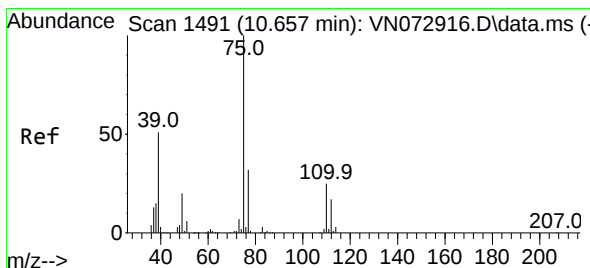
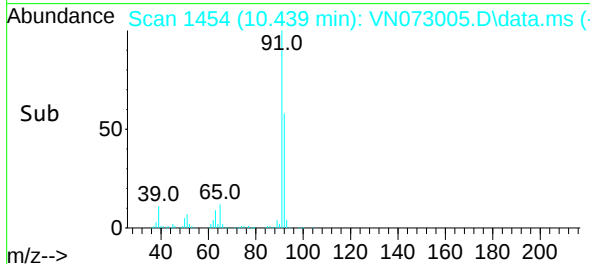
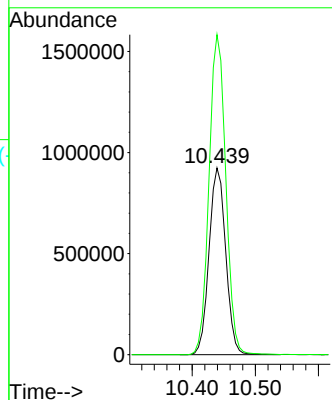
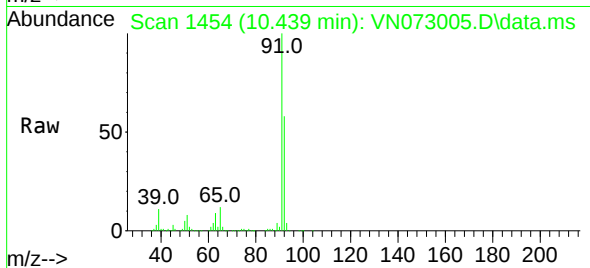
MW-34

Tgt Ion: 92 Resp: 1694789

Ion Ratio Lower Upper

92 100

91 172.3 138.6 207.8



#53

t-1,3-Dichloropropene

Concen: 0.271 ug/l

RT: 10.822 min Scan# 1519

Delta R.T. 0.165 min

Lab File: VN073005.D

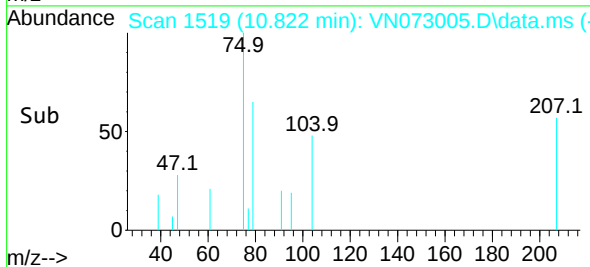
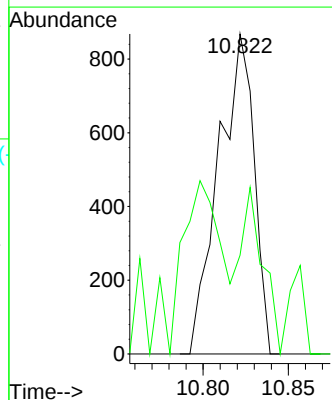
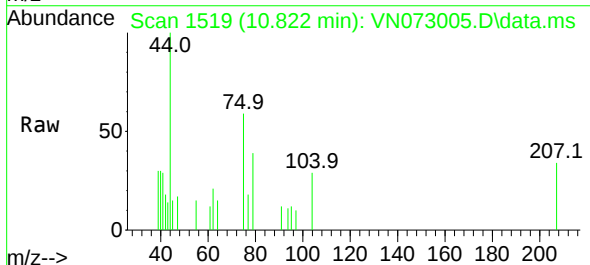
Acq: 22 Jun 2022 05:41

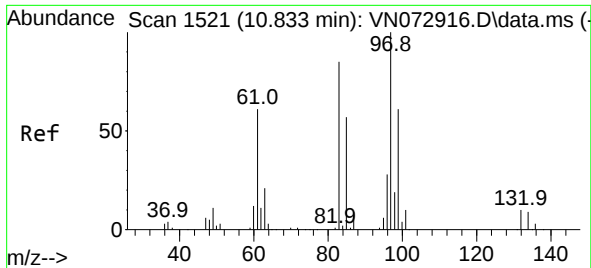
Tgt Ion: 75 Resp: 1257

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

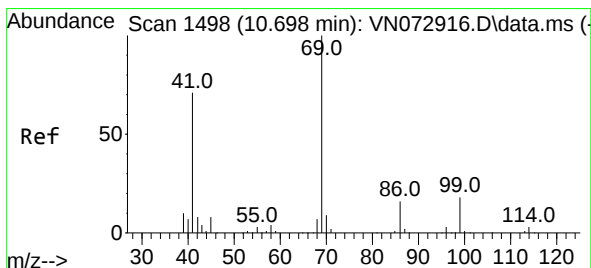
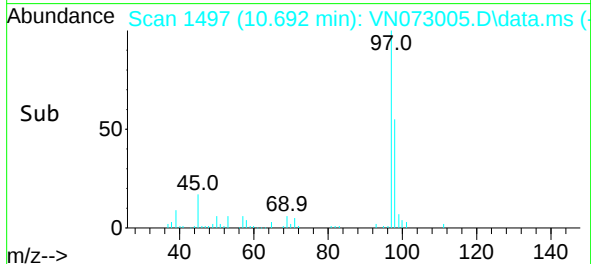
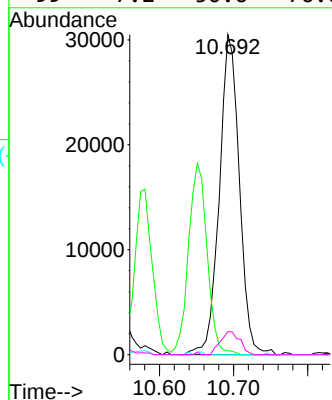
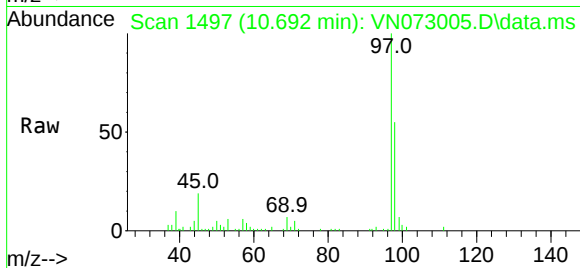




#55
1,1,2-Trichloroethane
Concen: 16.873 ug/l
RT: 10.692 min Scan# 1497
Delta R.T. -0.141 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

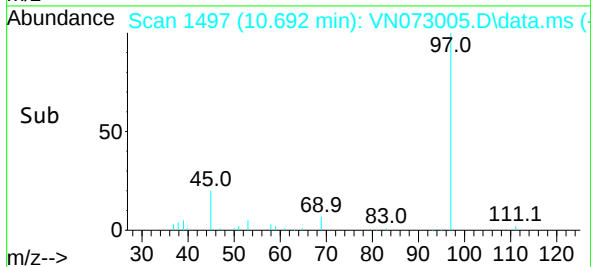
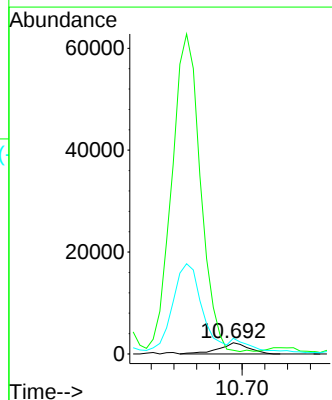
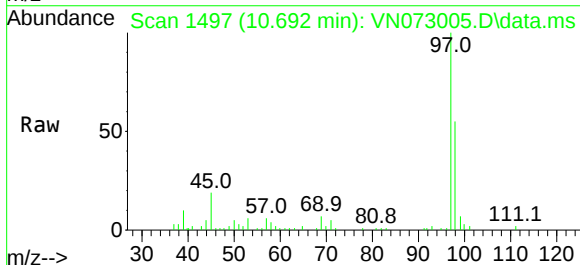
Instrument :
MSVOA_N
ClientSampleId :
MW-34

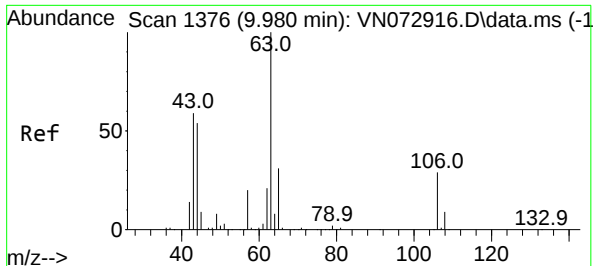
Tgt Ion: 97	Resp: 57161
Ion Ratio	Lower Upper
97 100	
83 1.2	66.2 99.4#
85 0.0	43.9 65.9#
99 7.2	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.733 ug/l
RT: 10.692 min Scan# 1497
Delta R.T. -0.006 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 69	Resp: 3982
Ion Ratio	Lower Upper
69 100	
41 0.0	47.8 71.6#
39 0.0	27.3 40.9#

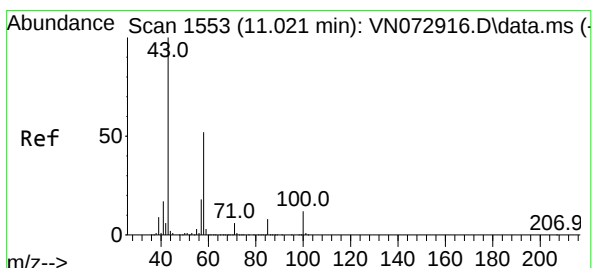
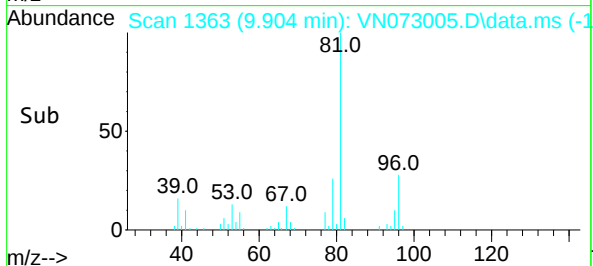
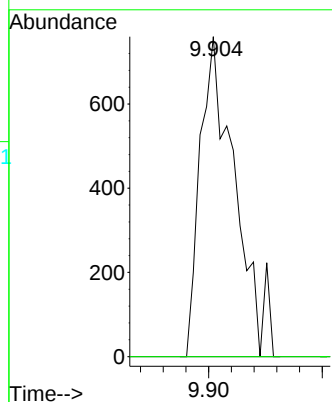
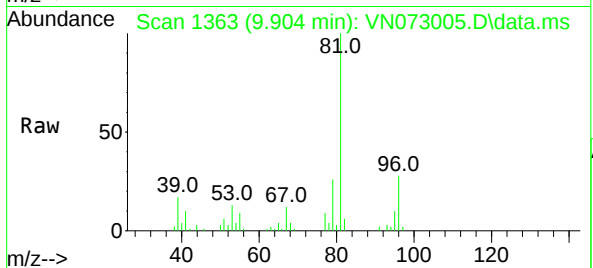




#58
2-Chloroethyl Vinyl ether
Concen: 0.677 ug/l
RT: 9.904 min Scan# 11
Delta R.T. -0.076 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

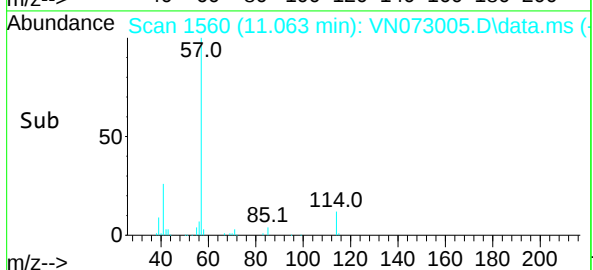
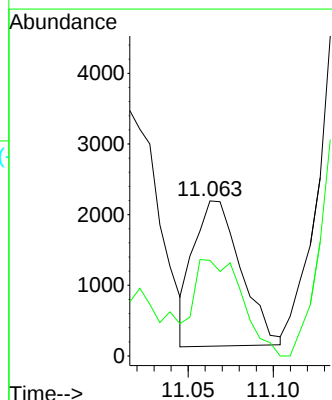
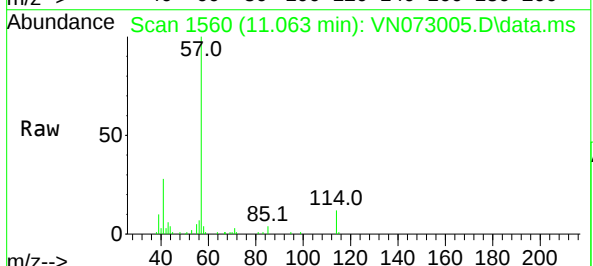
Instrument :
MSVOA_N
ClientSampleId :
MW-34

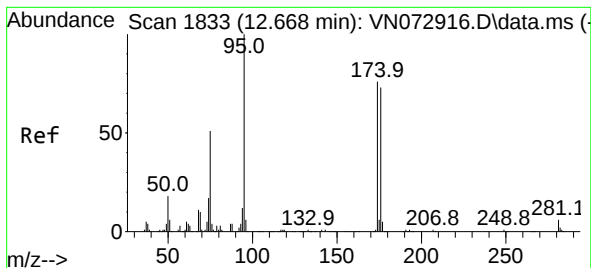
Tgt Ion: 63 Resp: 1623
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.859 ug/l
RT: 11.063 min Scan# 1560
Delta R.T. 0.041 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 43 Resp: 3961
Ion Ratio Lower Upper
43 100
58 68.3 29.7 89.1

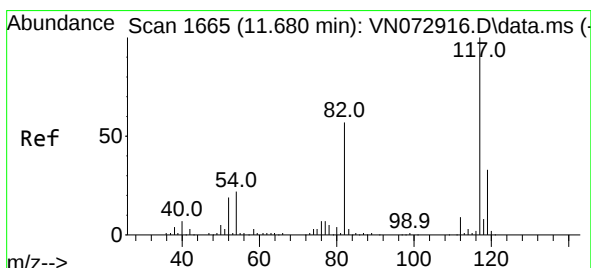
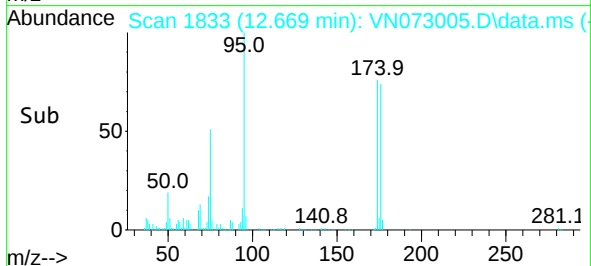
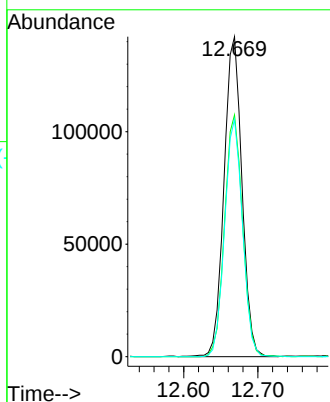
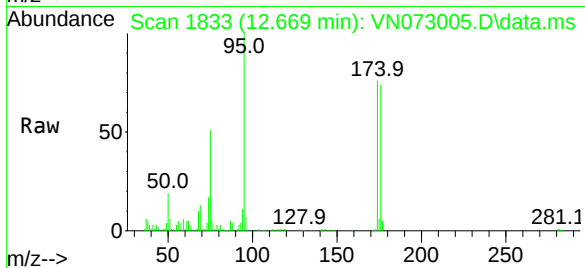




#62
4-Bromofluorobenzene
Concen: 60.386 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

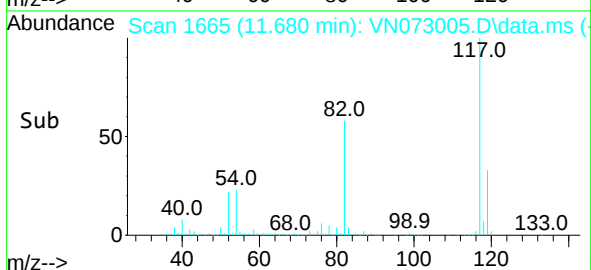
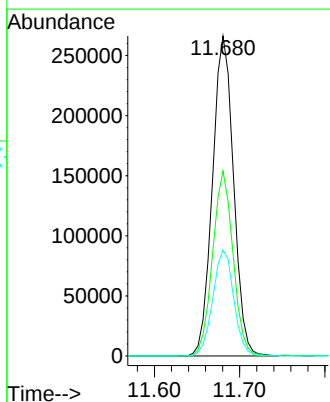
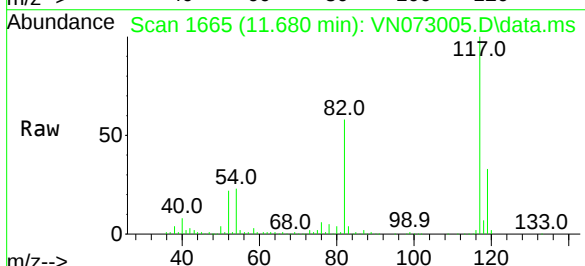
Instrument :
MSVOA_N
ClientSampleId :
MW-34

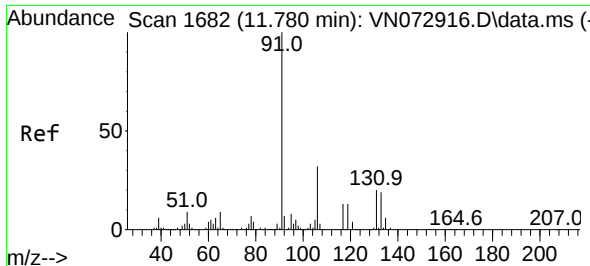
Tgt Ion: 95 Resp: 238771
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 117 Resp: 457461
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 33.1 25.4 38.0

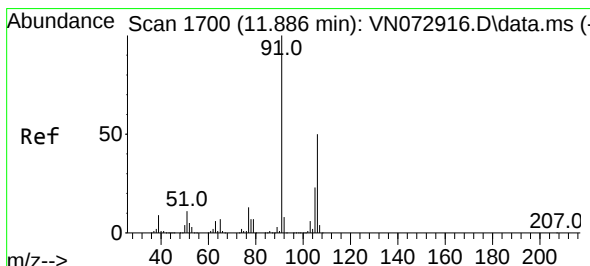
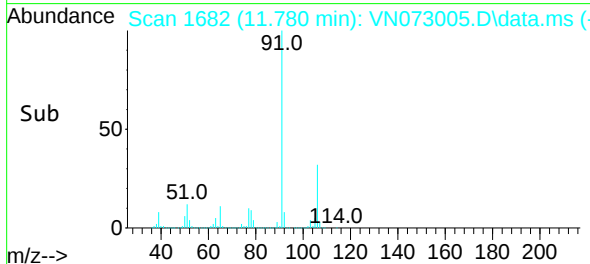
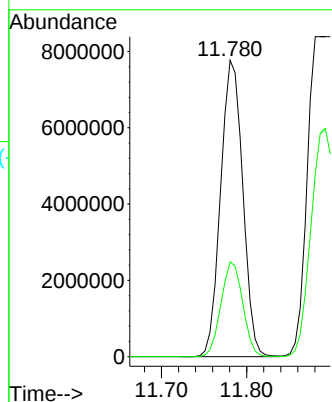
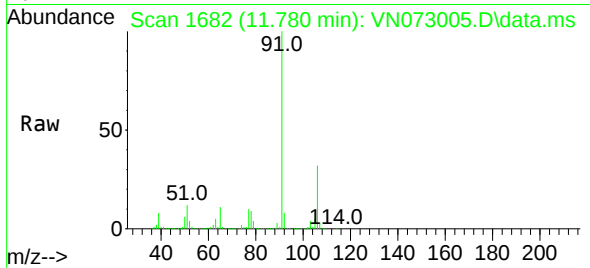




#67
Ethyl Benzene
Concen: 892.407 ug/l
RT: 11.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

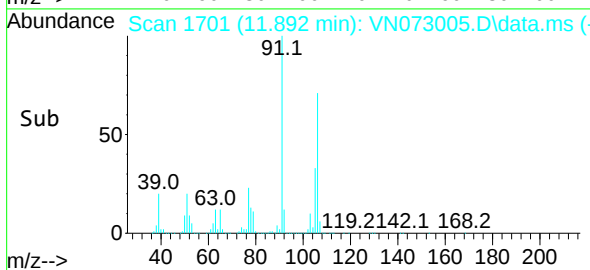
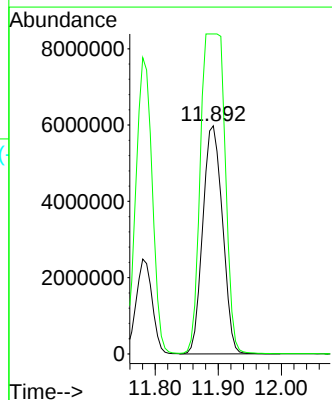
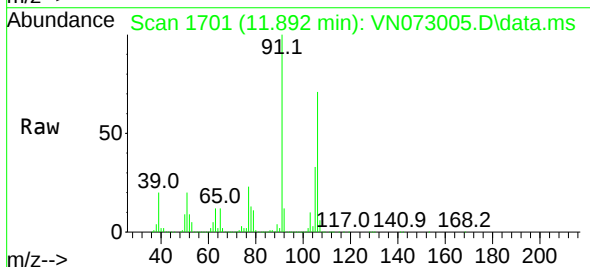
Instrument :
MSVOA_N
ClientSampleId :
MW-34

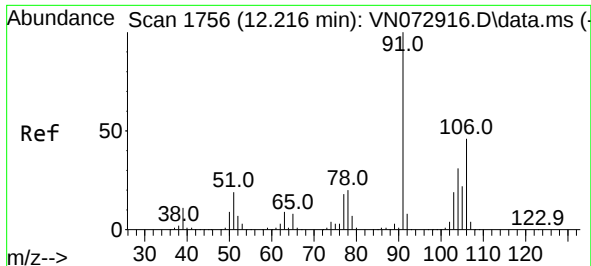
Tgt Ion: 91 Resp:14034907
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 2100.793 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion:106 Resp:12958504
Ion Ratio Lower Upper
106 100
91 174.5 158.9 238.3





#69

o-Xylene

Concen: 330.763 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

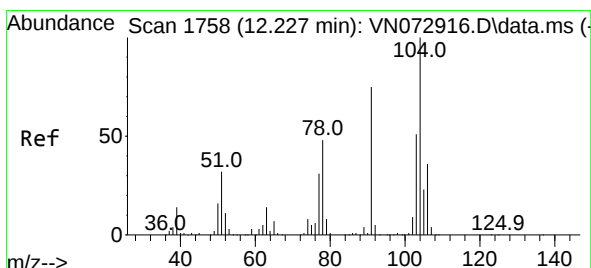
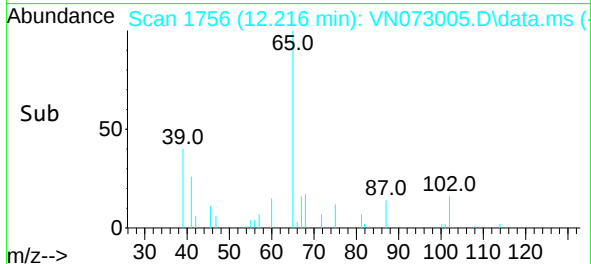
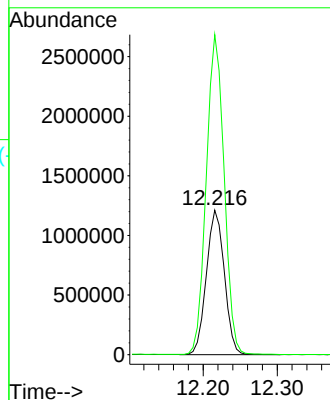
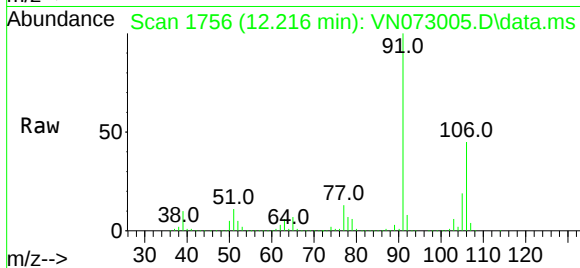
MW-34

Tgt Ion:106 Resp: 2038725

Ion Ratio Lower Upper

106 100

91 220.1 106.0 318.0



#70

Styrene

Concen: 10.273 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. -0.012 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

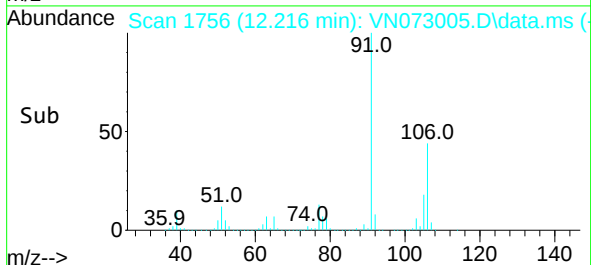
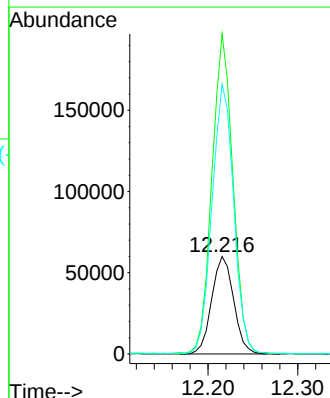
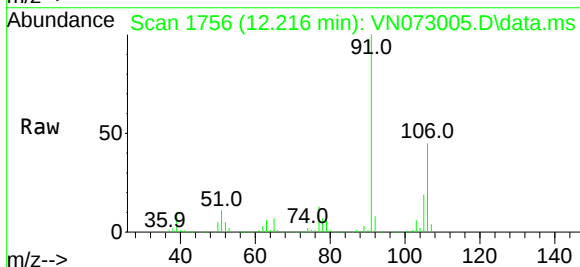
Tgt Ion:104 Resp: 101689

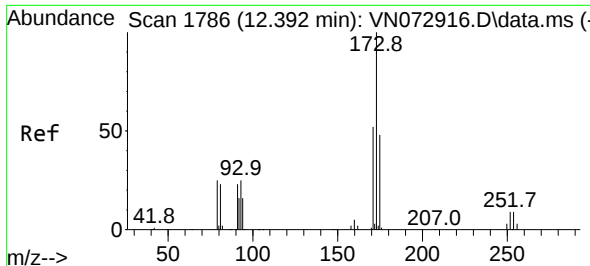
Ion Ratio Lower Upper

104 100

78 315.9 39.5 59.3#

103 274.9 44.0 66.0#

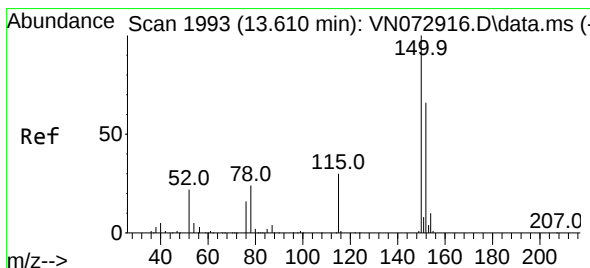
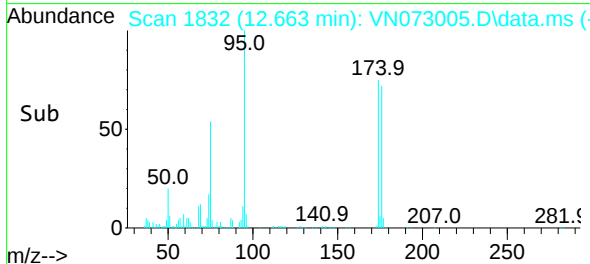
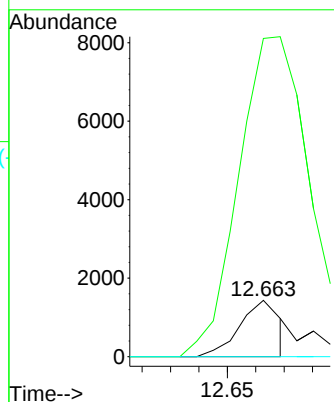
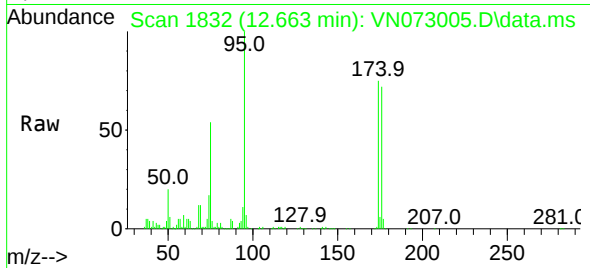




#71
Bromoform
Concen: 0.556 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

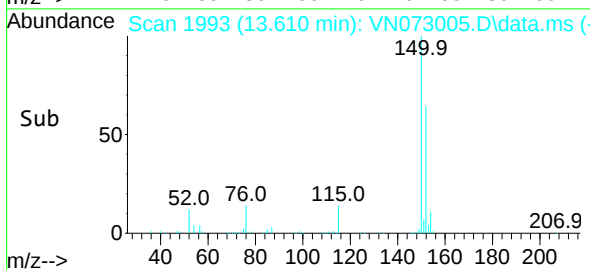
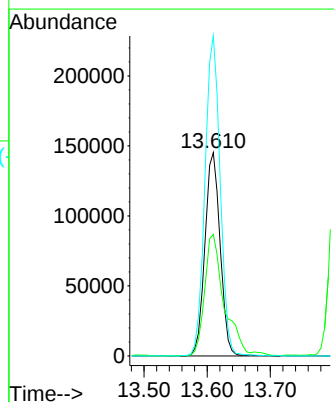
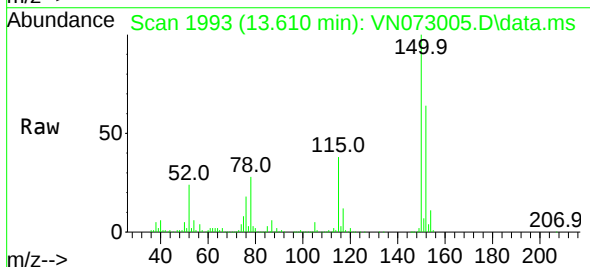
Instrument :
MSVOA_N
ClientSampleId :
MW-34

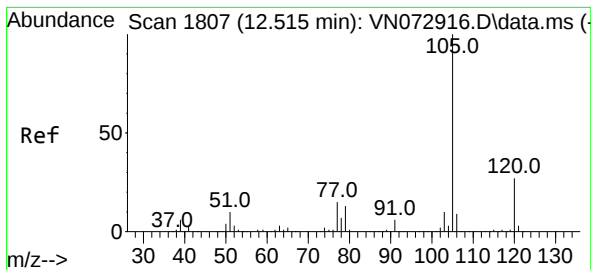
Tgt Ion:173 Resp: 1426
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion:152 Resp: 243262
Ion Ratio Lower Upper
152 100
115 76.4 28.9 86.7
150 157.1 0.0 356.2





#73

Isopropylbenzene

Concen: 11.634 ug/l

RT: 12.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

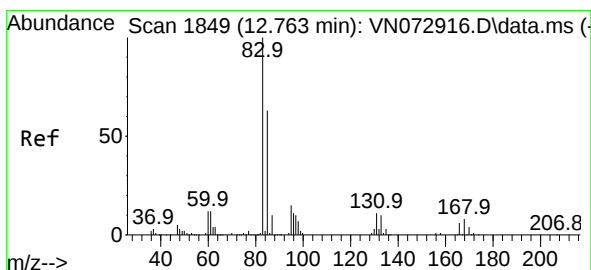
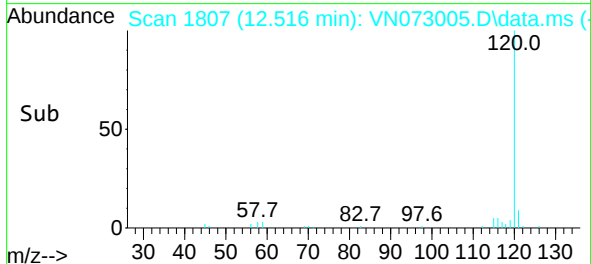
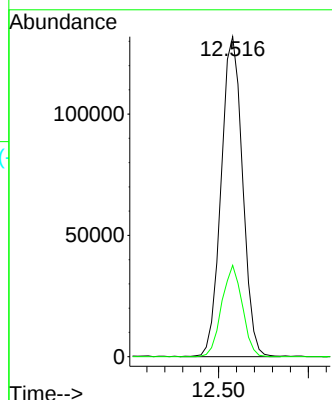
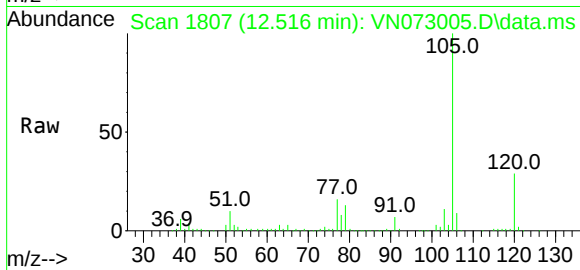
MW-34

Tgt Ion:105 Resp: 218938

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.517 ug/l

RT: 12.774 min Scan# 1851

Delta R.T. 0.012 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

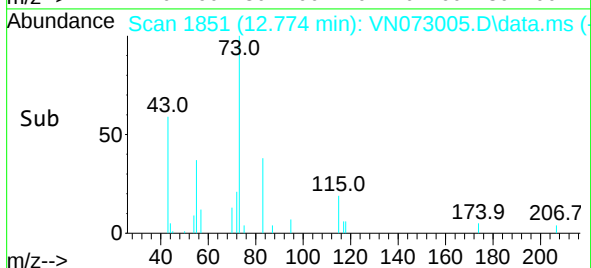
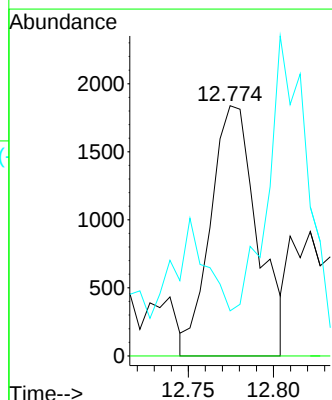
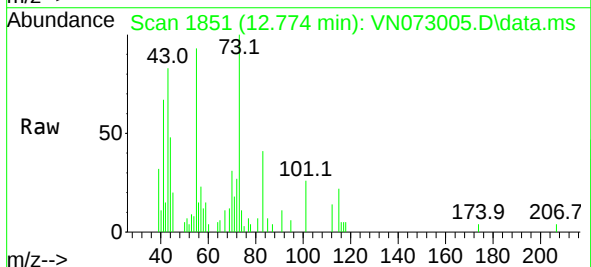
Tgt Ion: 83 Resp: 3502

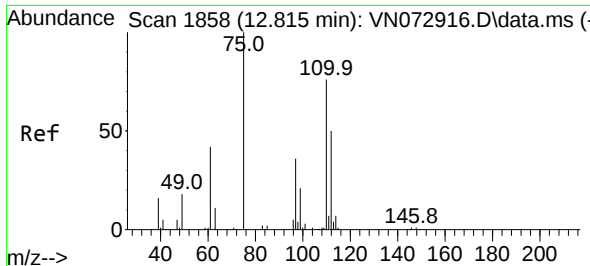
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.3 96.9#

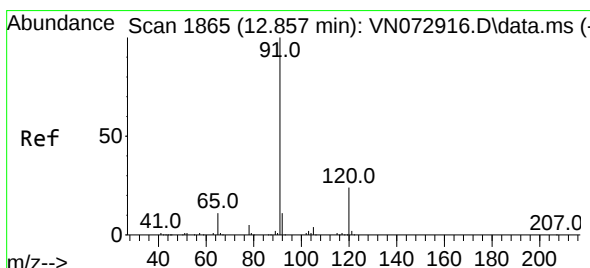
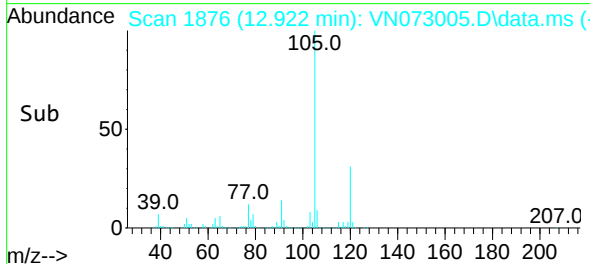
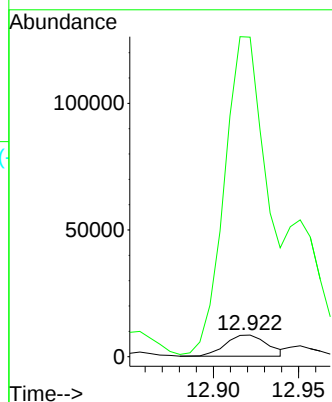
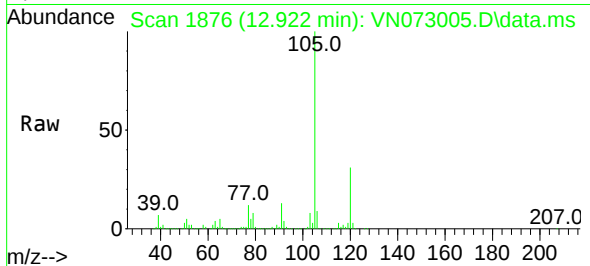




#76
1,2,3-Trichloropropane
Concen: 2.418 ug/l
RT: 12.922 min Scan# 1876
Delta R.T. 0.106 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

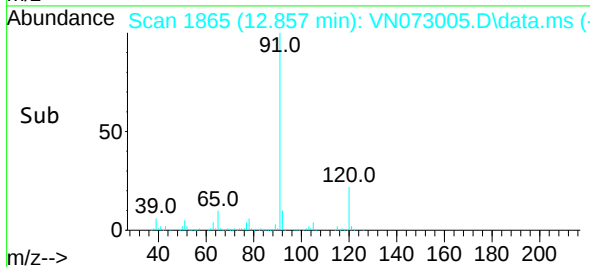
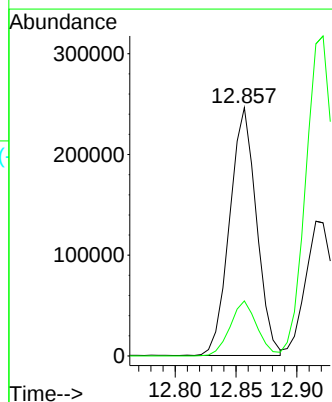
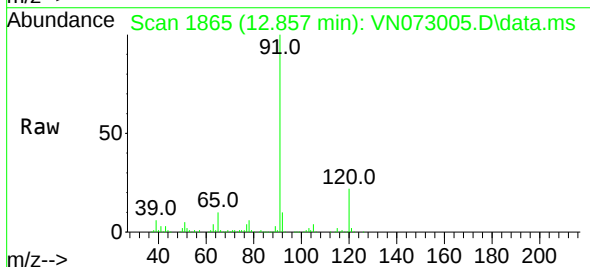
Instrument :
MSVOA_N
ClientSampleId :
MW-34

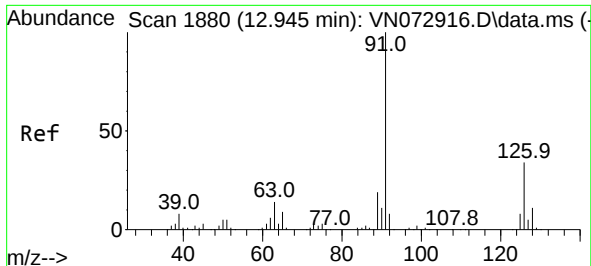
Tgt Ion: 75 Resp: 14260
Ion Ratio Lower Upper
75 100
77 1497.0 98.5 295.5#



#78
n-propylbenzene
Concen: 18.226 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 91 Resp: 377290
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5

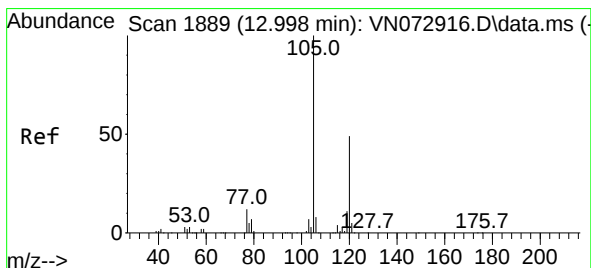
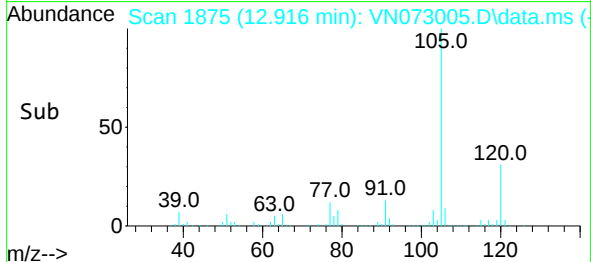
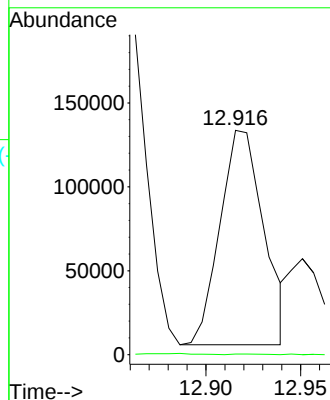
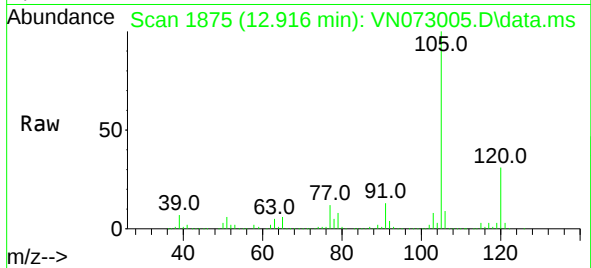




#79
2-Chlorotoluene
Concen: 15.331 ug/l
RT: 12.916 min Scan# 1875
Delta R.T. -0.029 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

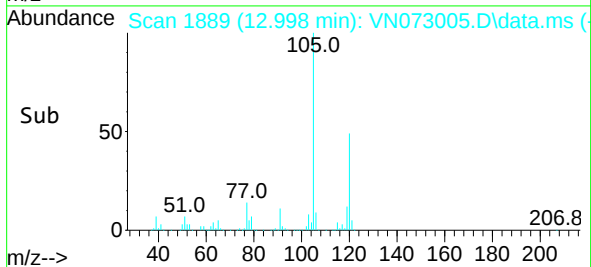
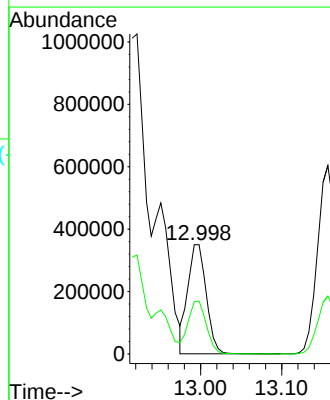
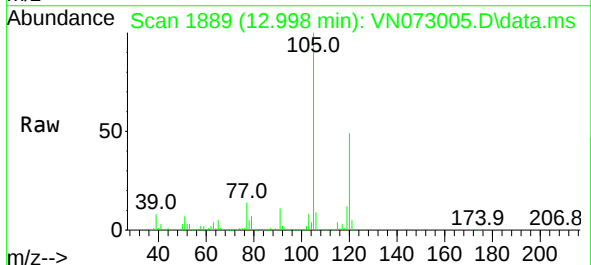
Instrument :
MSVOA_N
ClientSampleId :
MW-34

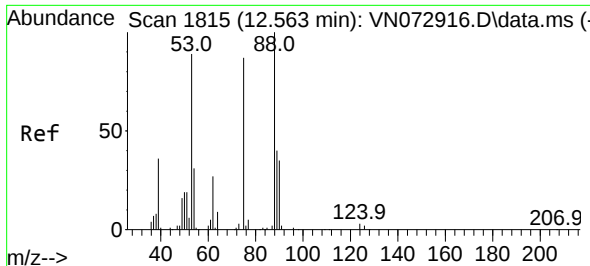
Tgt Ion: 91 Resp: 205504
Ion Ratio Lower Upper
91 100
126 0.2 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 35.749 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 105 Resp: 552629
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7

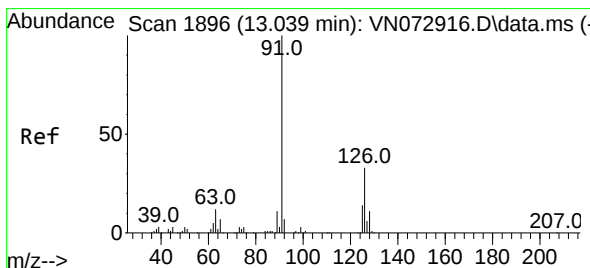
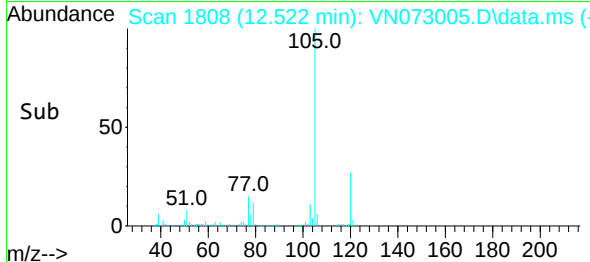
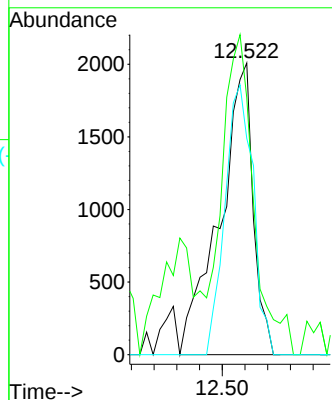
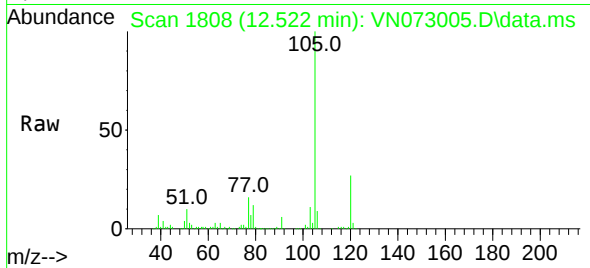




#81
trans-1,4-Dichloro-2-butene
Concen: 1.881 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. -0.041 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

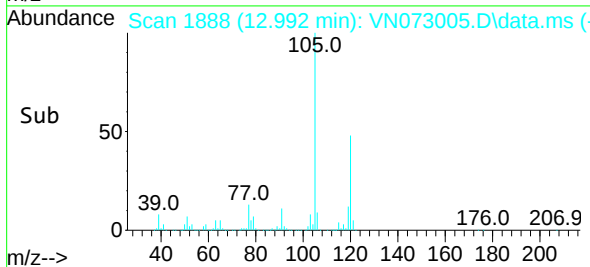
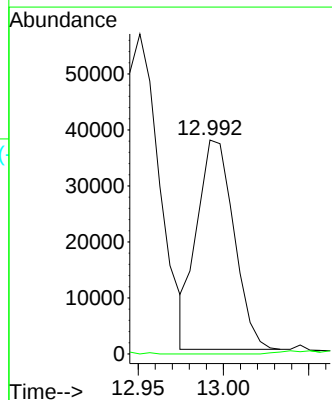
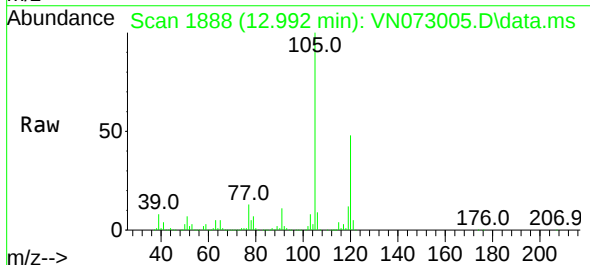
Instrument :
MSVOA_N
ClientSampleId :
MW-34

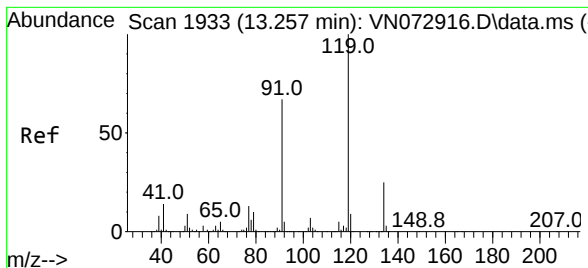
Tgt Ion: 75 Resp: 4107
Ion Ratio Lower Upper
75 100
53 102.4 78.0 117.0
89 77.9 37.2 55.8#



#82
4-Chlorotoluene
Concen: 4.447 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.047 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Tgt Ion: 91 Resp: 56399
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 21.191 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.047 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

MW-34

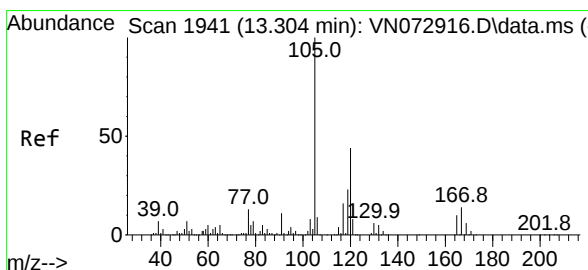
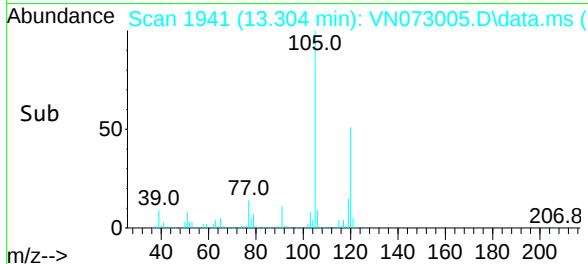
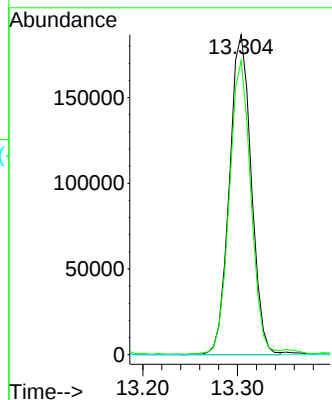
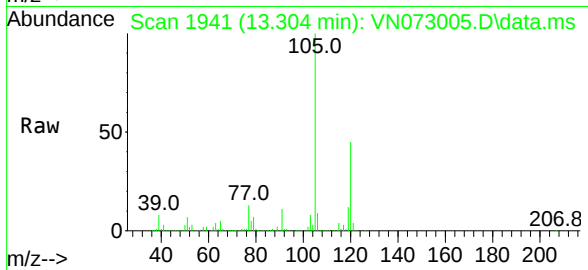
Tgt Ion:119 Resp: 300019

Ion Ratio Lower Upper

119 100

91 90.1 31.6 94.8

134 0.0 13.7 41.1#



#84

1,2,4-Trimethylbenzene

Concen: 163.509 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073005.D

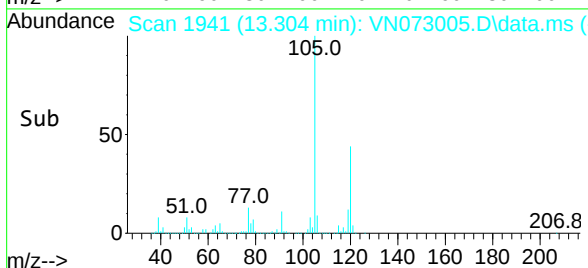
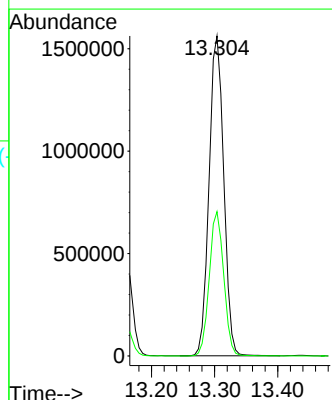
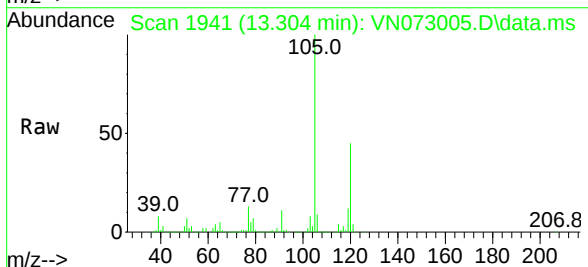
Acq: 22 Jun 2022 05:41

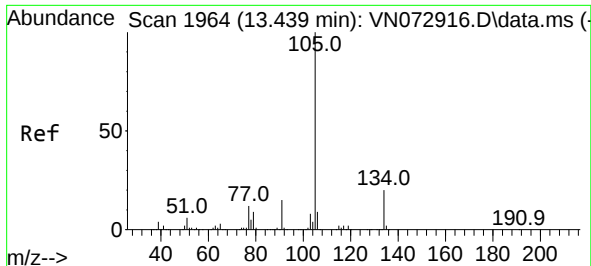
Tgt Ion:105 Resp: 2517549

Ion Ratio Lower Upper

105 100

120 44.5 23.3 69.8

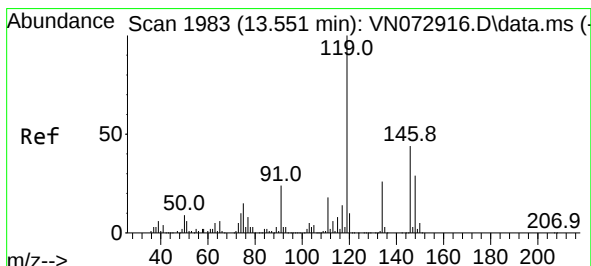
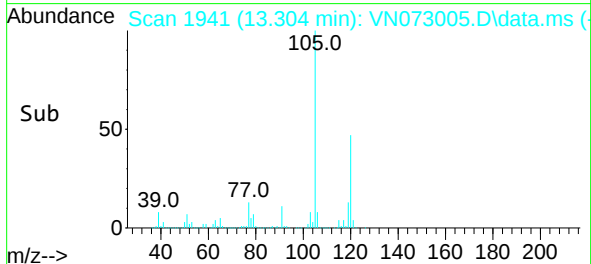
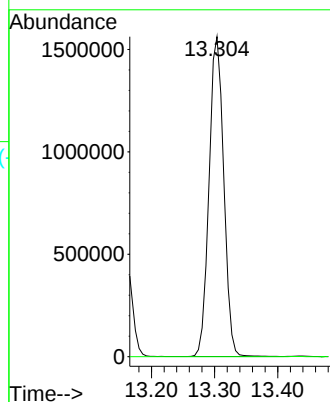
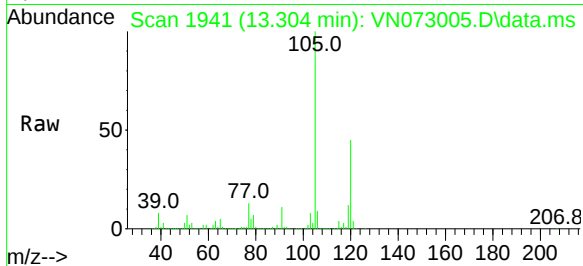




#85
 sec-Butylbenzene
 Concen: 133.301 ug/l
 RT: 13.304 min Scan# 1964
 Delta R.T. -0.135 min
 Lab File: VN073005.D
 Acq: 22 Jun 2022 05:41

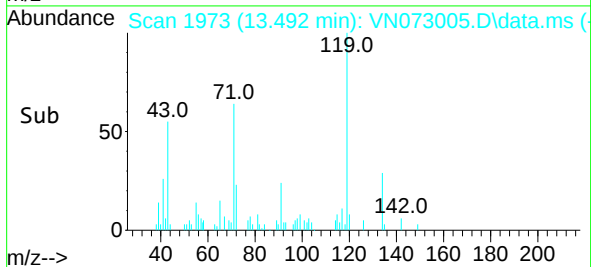
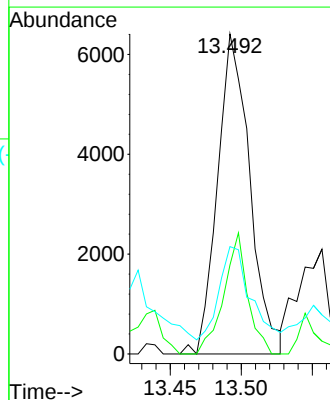
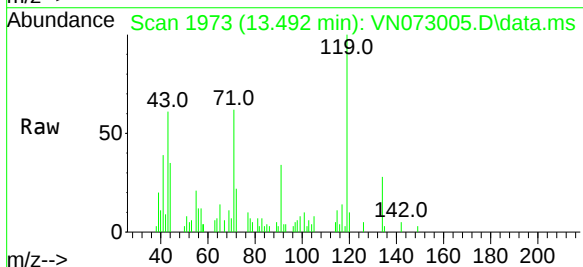
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

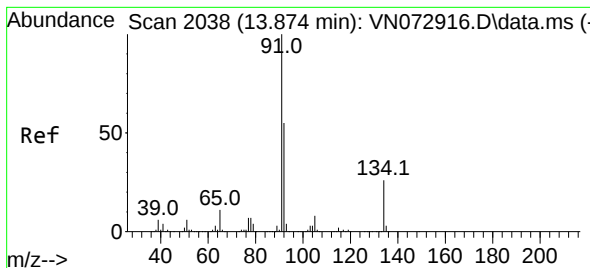
Tgt Ion:105 Resp: 2517549
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.663 ug/l
 RT: 13.492 min Scan# 1973
 Delta R.T. -0.059 min
 Lab File: VN073005.D
 Acq: 22 Jun 2022 05:41

Tgt Ion:119 Resp: 10138
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.8
 91 0.0 11.3 33.9#





#89

n-Butylbenzene

Concen: 16.110 ug/l

RT: 13.810 min Scan# 2038

Delta R.T. -0.065 min

Lab File: VN073005.D

Acq: 22 Jun 2022 05:41

Instrument :

MSVOA_N

ClientSampleId :

MW-34

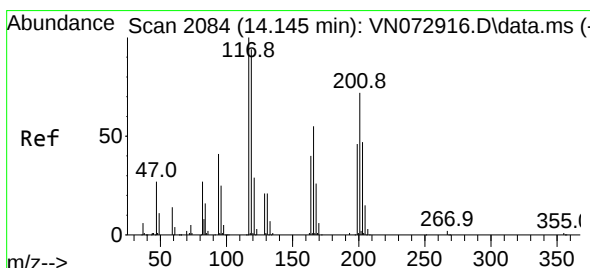
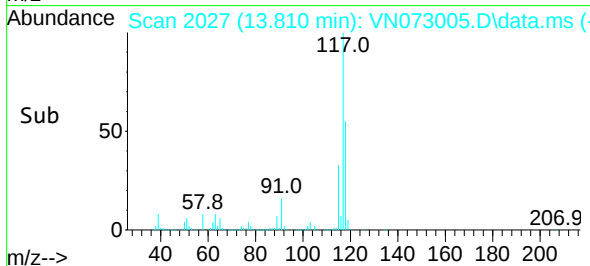
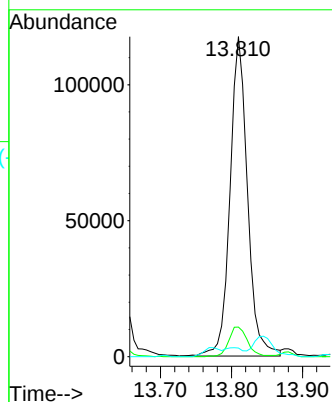
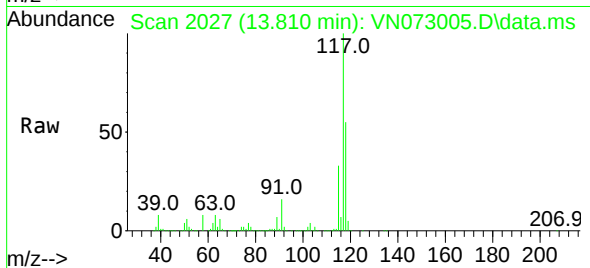
Tgt Ion: 91 Resp: 201145

Ion Ratio Lower Upper

91 100

92 10.1 26.9 80.7#

134 1.8 13.6 40.8#



#90

Hexachloroethane

Concen: 1.520 ug/l

RT: 14.157 min Scan# 2086

Delta R.T. 0.012 min

Lab File: VN073005.D

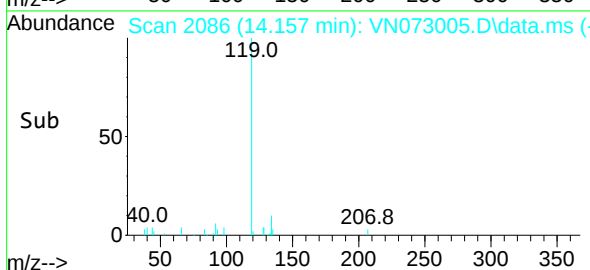
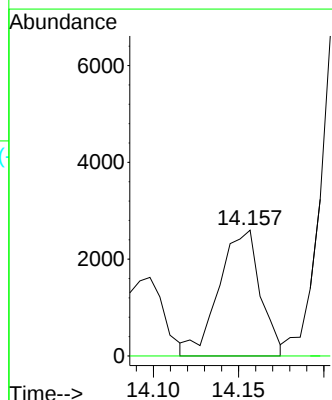
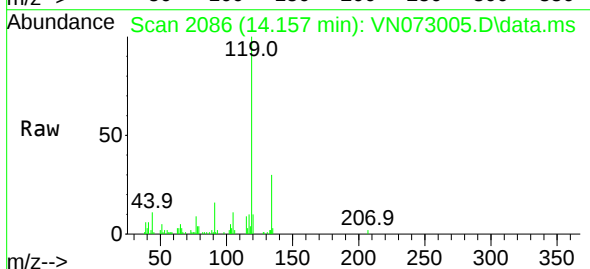
Acq: 22 Jun 2022 05:41

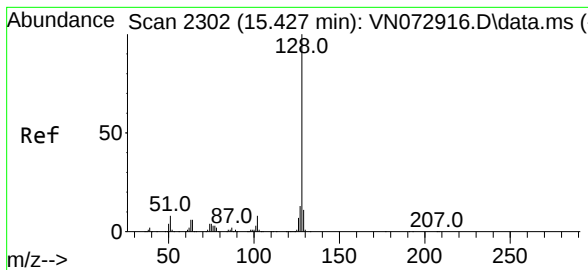
Tgt Ion: 117 Resp: 4382

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#





#95
Naphthalene
Concen: 70.070 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073005.D
Acq: 22 Jun 2022 05:41

Instrument :
MSVOA_N
ClientSampleId :
MW-34

Tgt Ion:128 Resp: 1316789
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

