

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071100.D
 Acq On : 28 Feb 2022 17:32
 Operator : JC\MD
 Sample : N1689-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

Quant Time: Mar 01 04:23:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	775318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1234145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1116212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	445410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	462568	52.229	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.460%
35) Dibromofluoromethane	8.016	113	360950	49.171	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.340%
50) Toluene-d8	10.439	98	1502172	50.956	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.727	95	550351	52.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.460%
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	2116	0.209	ug/l	90
11) Tert butyl alcohol	5.363	59	46970	29.101	ug/l	97
13) Acrolein	4.040	56	853	0.591	ug/l #	14
14) Allyl chloride	4.975	41	9253	0.639	ug/l #	22
15) Acrylonitrile	5.557	53	1725	0.363	ug/l #	25
16) Acetone	4.293	43	12014	2.463	ug/l #	88
19) Methyl tert-butyl Ether	5.610	73	47430	1.781	ug/l #	1
22) Diisopropyl ether	6.498	45	7422	0.267	ug/l #	76
25) 2-Butanone	7.340	43	8174	1.260	ug/l #	74
29) Tetrahydrofuran	7.687	42	1316	0.313	ug/l #	59
31) Cyclohexane	8.087	56	49729	3.247	ug/l #	64
36) 1,1-Dichloropropene	8.087	75	57751	4.802	ug/l #	48
38) Carbon Tetrachloride	8.081	117	75660	6.385	ug/l #	17
39) Methylcyclohexane	9.457	83	26865	1.736	ug/l	90
40) Benzene	8.457	78	1955732	54.976	ug/l	98
43) Isopropyl Acetate	8.616	43	26193	1.288	ug/l #	55
48) Methyl methacrylate	9.634	41	3674	0.382	ug/l #	78
49) 1,4-Dioxane	9.563	88	169	0.989	ug/l #	1
51) 4-Methyl-2-Pentanone	10.328	43	9894	0.800	ug/l	93
52) Toluene	10.498	92	2160084	96.632	ug/l	95
53) t-1,3-Dichloropropene	10.498	75	25368	1.925	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	2745	0.314	ug/l #	22
56) Ethyl methacrylate	10.763	69	2815	0.214	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.022	63	68	31.821	ug/l #	45
59) 2-Hexanone	11.081	43	19622	2.307	ug/l	91
67) Ethyl Benzene	11.839	91	3641812	86.509	ug/l	98
68) m/p-Xylenes	11.945	106	3148751	193.638	ug/l	99
69) o-Xylene	12.275	106	2142229	134.861	ug/l	98
70) Styrene	12.275	104	118379	4.687	ug/l #	1
73) Isopropylbenzene	12.575	105	137122	3.825	ug/l	97
74) N-amyl acetate	12.386	43	11485	1.002	ug/l #	93
76) 1,2,3-Trichloropropane	12.727	75	282066	26.896	ug/l #	1
78) n-propylbenzene	12.916	91	406825	10.100	ug/l	97
79) 2-Chlorotoluene	12.980	91	100378	4.103	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.057	105	455048	15.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	282066	87.156	ug/l #	5

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

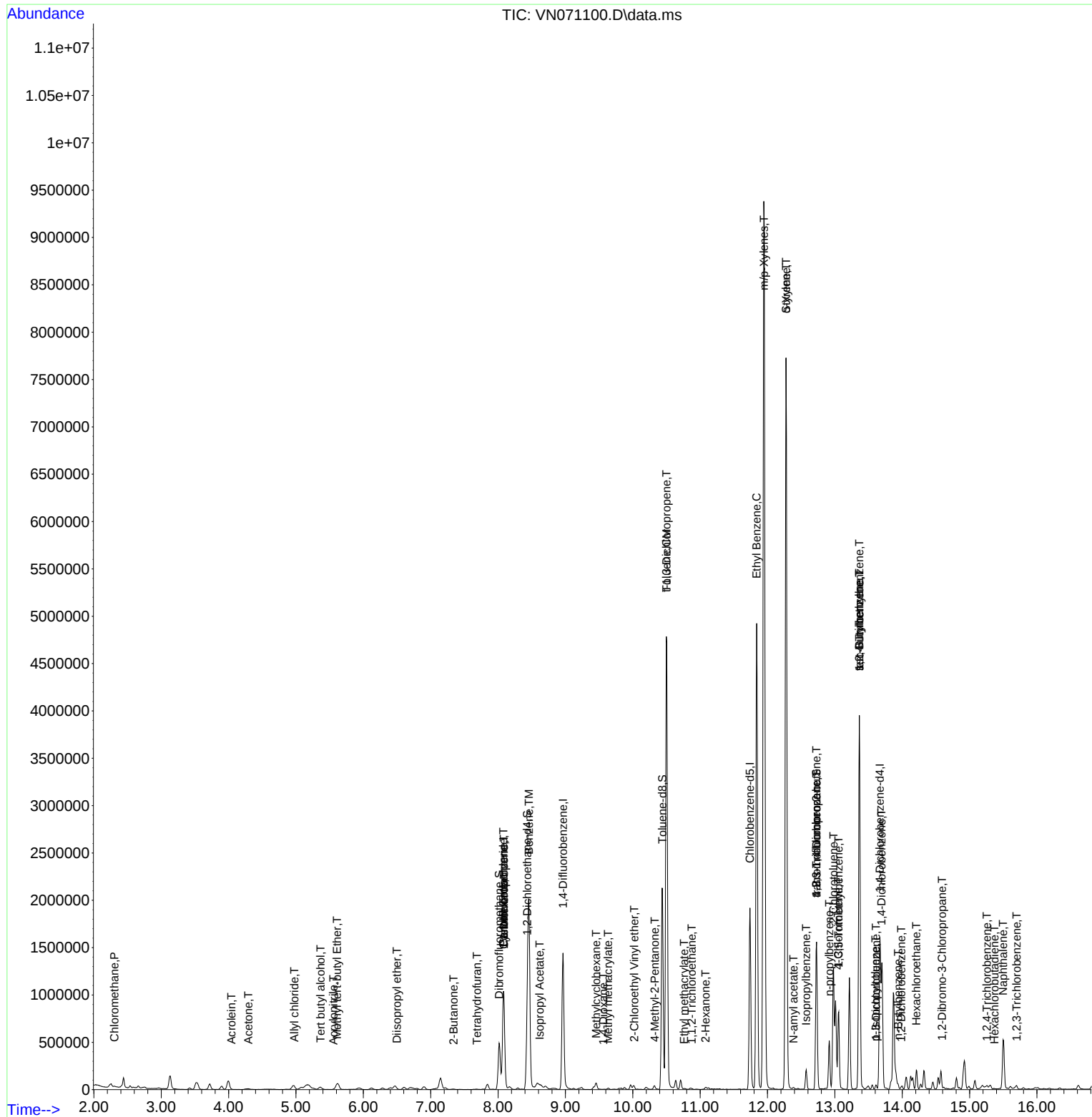
82) 4-Chlorotoluene	13.051	91	40394	1.701	ug/l #	38
83) tert-Butylbenzene	13.363	119	276559	10.040	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.363	105	2247958	78.623	ug/l	99
85) sec-Butylbenzene	13.363	105	2247958	61.933	ug/l #	56
86) p-Isopropyltoluene	13.604	119	18445	0.619	ug/l #	77
87) 1,3-Dichlorobenzene	13.610	146	4744	0.305	ug/l #	80
88) 1,4-Dichlorobenzene	13.692	146	6761	0.444	ug/l #	29
89) n-Butylbenzene	13.939	91	23105	0.950	ug/l #	72
90) Hexachloroethane	14.210	117	10561	1.985	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	6039	0.414	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.592	75	2161	1.171	ug/l #	43
93) 1,2,4-Trichlorobenzene	15.257	180	11154	3.305	ug/l #	74
94) Hexachlorobutadiene	15.368	225	1203	0.226	ug/l	88
95) Naphthalene	15.498	128	496779	27.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	13059	4.156	ug/l #	87

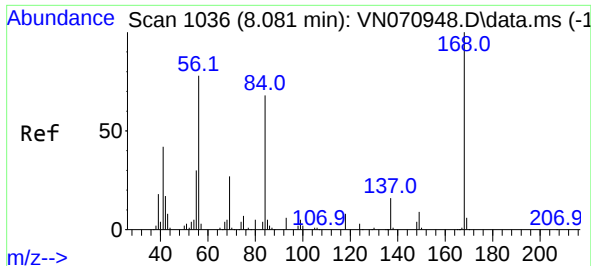
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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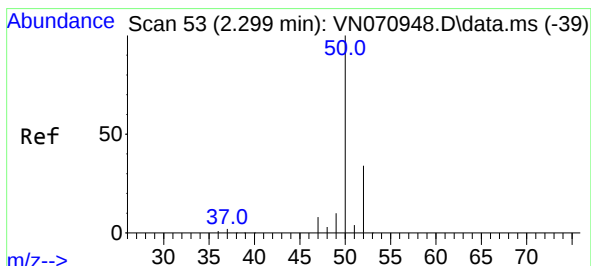
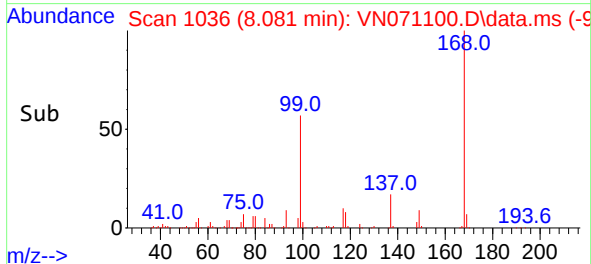
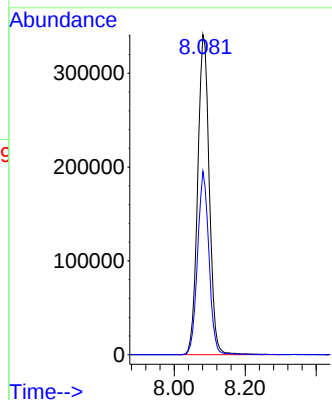
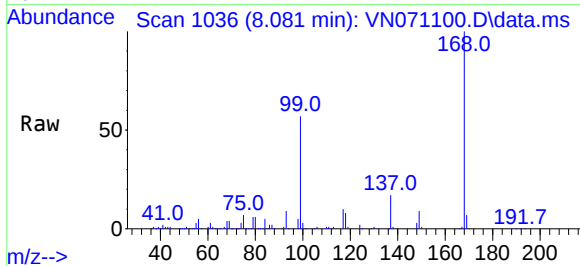




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

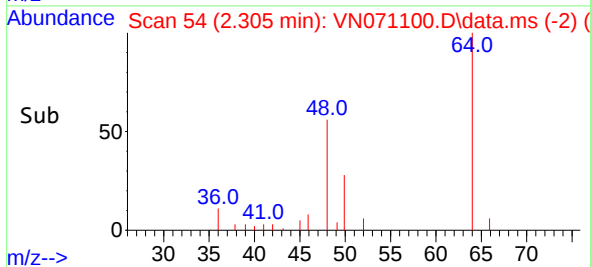
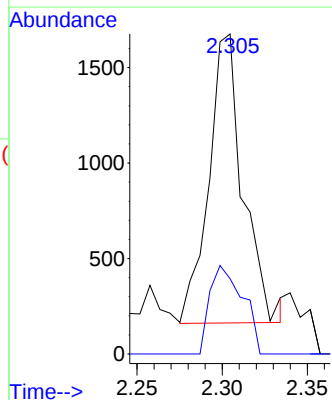
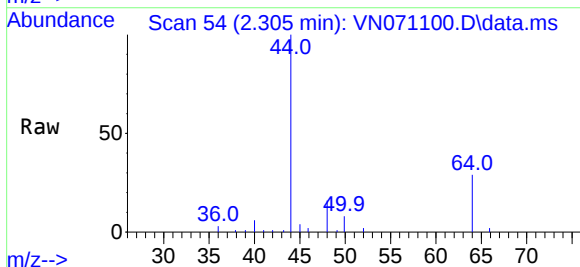
Instrument :
MSVOA_N
ClientSampleId :
MW-39

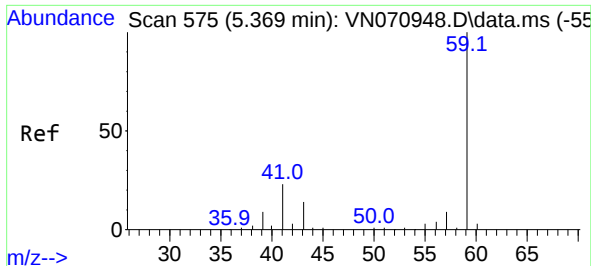
Tgt Ion:168 Resp: 775318
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 50 Resp: 2116
Ion Ratio Lower Upper
50 100
52 26.1 25.4 38.0





#11

Tert butyl alcohol

Concen: 29.101 ug/l

RT: 5.363 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN071100.D

Acq: 28 Feb 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

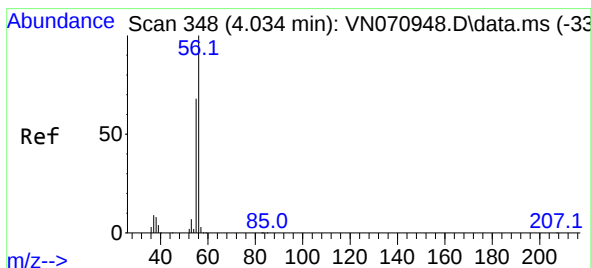
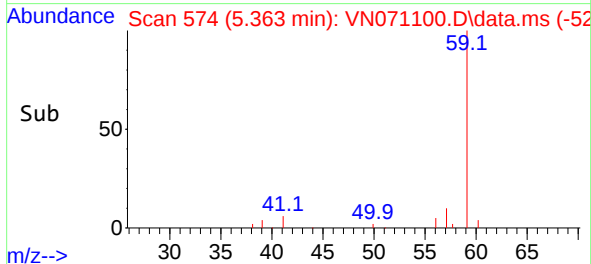
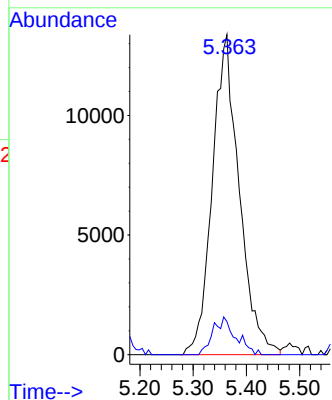
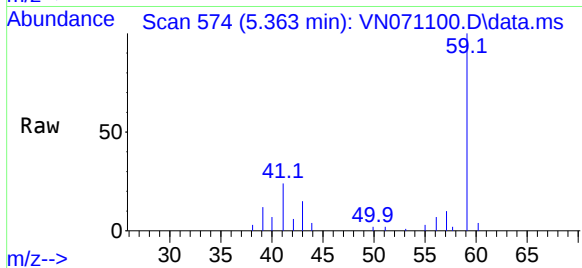
MW-39

Tgt Ion: 59 Resp: 46970

Ion Ratio Lower Upper

59 100

57 9.9 8.7 13.1



#13

Acrolein

Concen: 0.591 ug/l

RT: 4.040 min Scan# 349

Delta R.T. 0.006 min

Lab File: VN071100.D

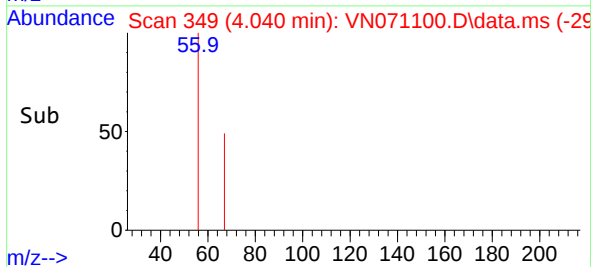
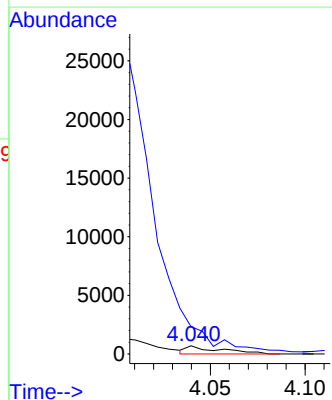
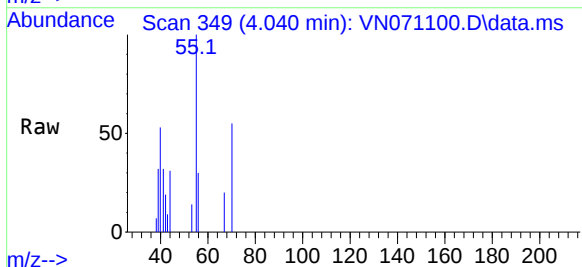
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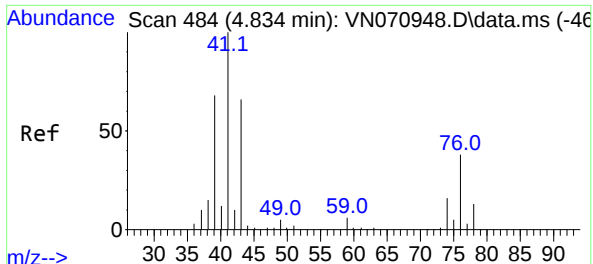
Tgt Ion: 56 Resp: 853

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

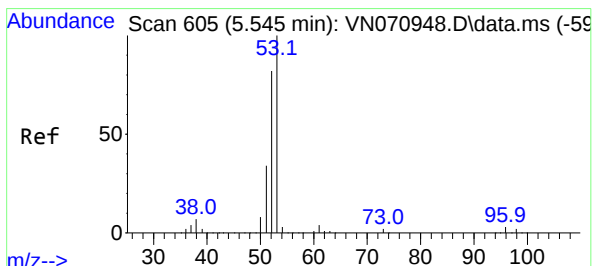
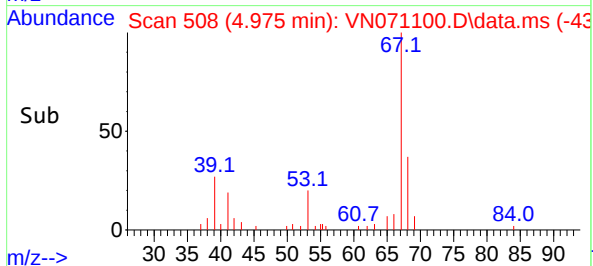
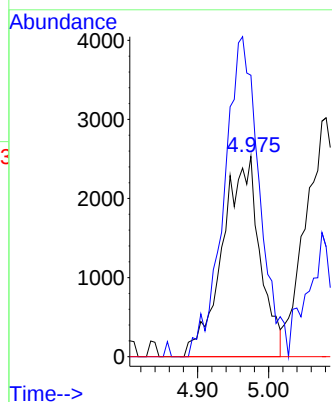
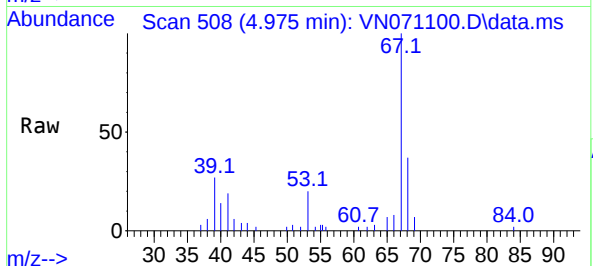




#14
 Allyl chloride
 Concen: 0.639 ug/l
 RT: 4.975 min Scan# 508
 Delta R.T. 0.141 min
 Lab File: VN071100.D
 Acq: 28 Feb 2022 17:32

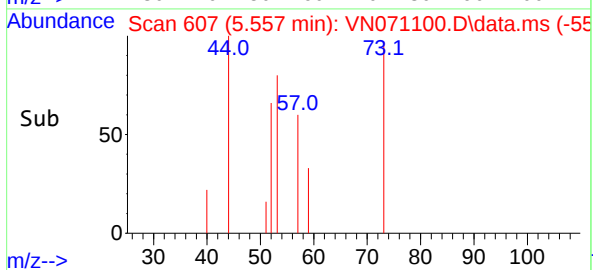
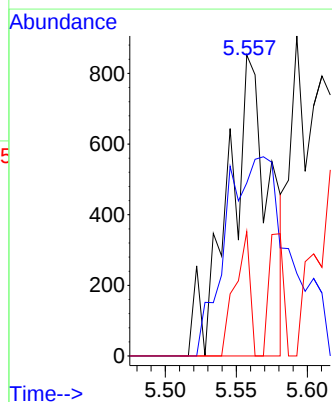
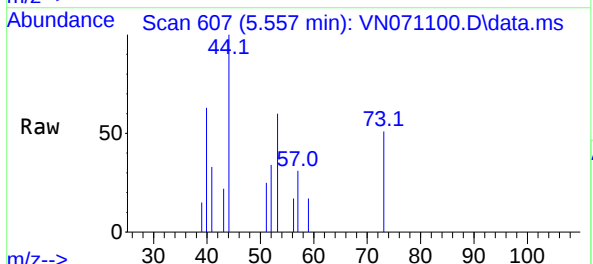
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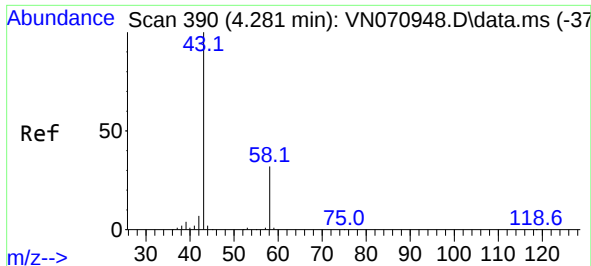
Tgt Ion: 41 Resp: 9253
 Ion Ratio Lower Upper
 41 100
 39 151.2 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 0.363 ug/l
 RT: 5.557 min Scan# 607
 Delta R.T. 0.012 min
 Lab File: VN071100.D
 Acq: 28 Feb 2022 17:32

Tgt Ion: 53 Resp: 1725
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.2 99.2#
 51 15.2 29.6 44.4#

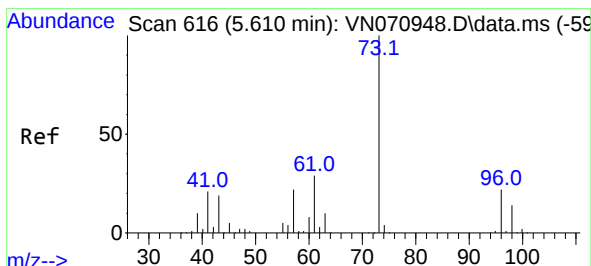
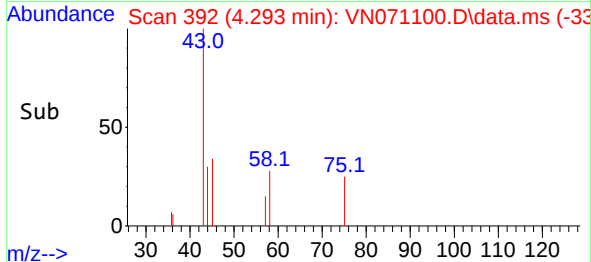
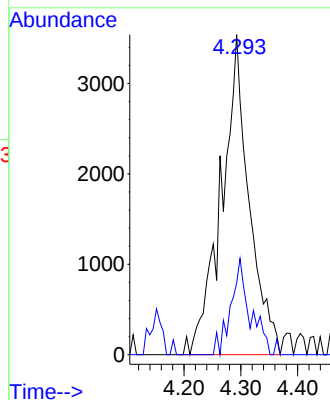
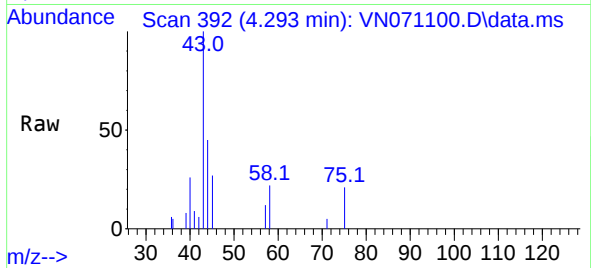




#16
Acetone
Concen: 2.463 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

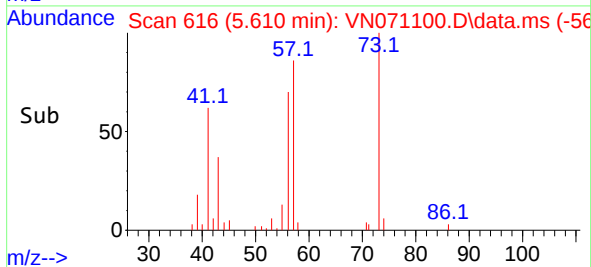
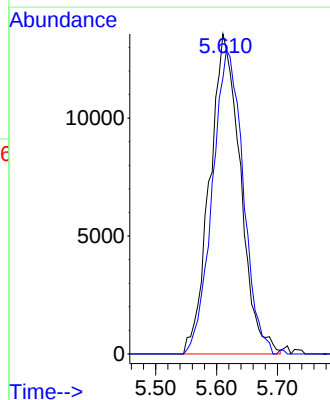
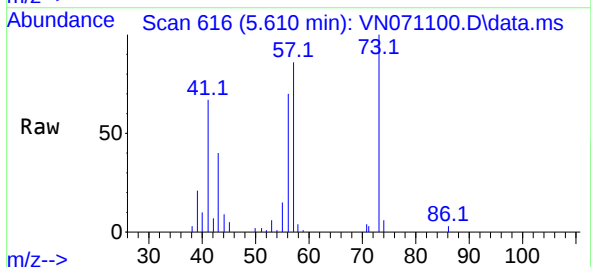
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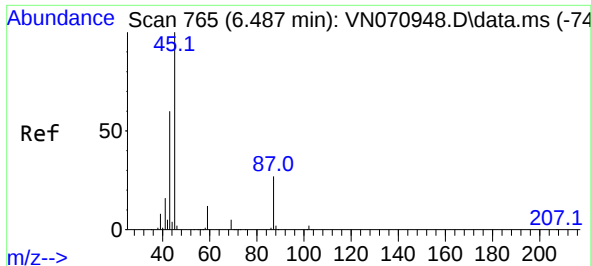
Tgt Ion: 43 Resp: 12014
Ion Ratio Lower Upper
43 100
58 22.4 23.1 34.7#



#19
Methyl tert-butyl Ether
Concen: 1.781 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 73 Resp: 47430
Ion Ratio Lower Upper
73 100
57 86.2 16.8 25.2#

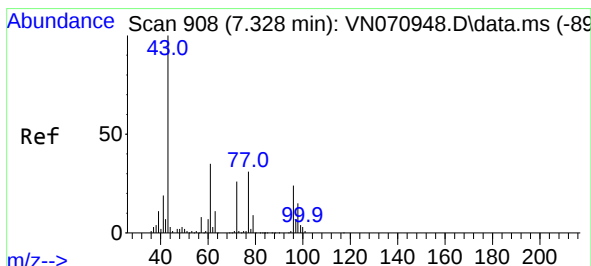
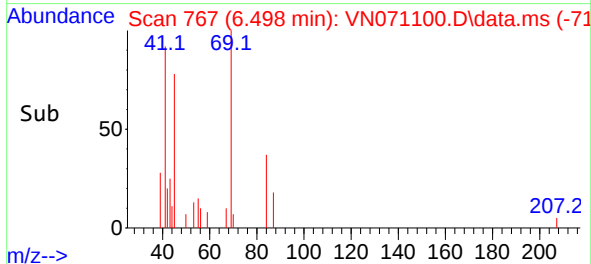
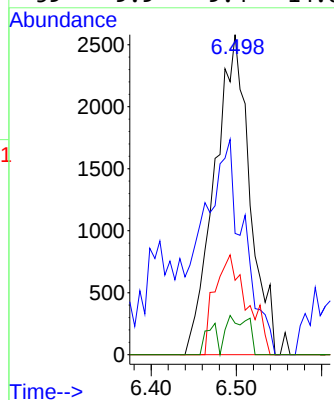
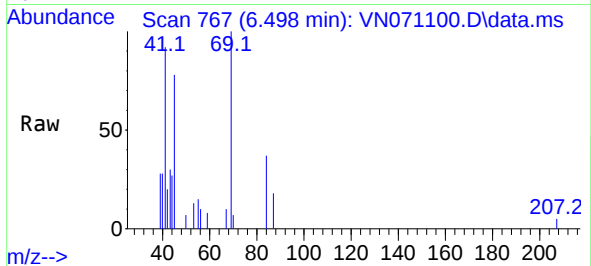




#22
Diisopropyl ether
Concen: 0.267 ug/l
RT: 6.498 min Scan# 70
Delta R.T. 0.012 min
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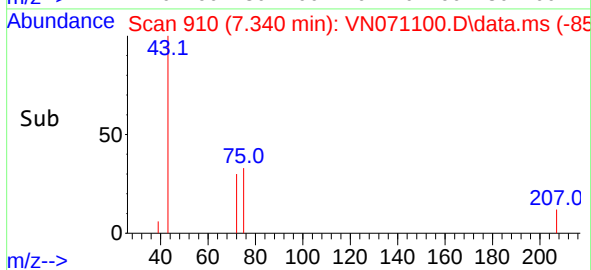
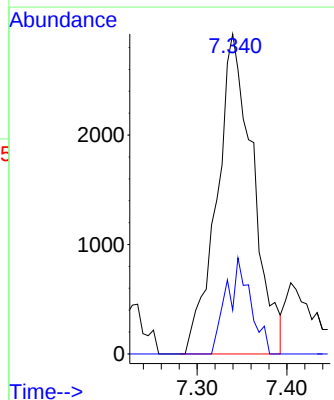
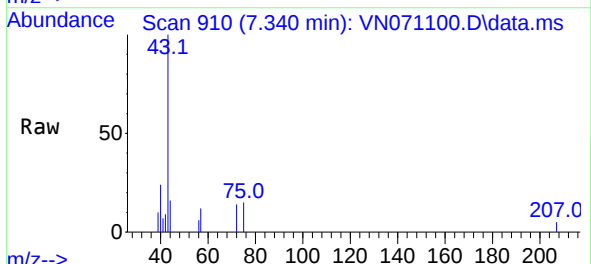
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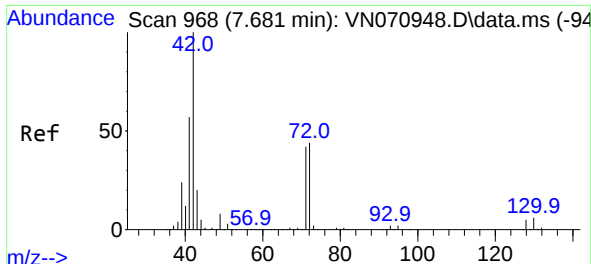
Tgt Ion:	45	Resp:	7422
Ion	Ratio	Lower	Upper
45	100		
43	37.9	51.7	77.5#
87	23.2	23.2	34.8
59	9.9	9.4	14.0



#25
2-Butanone
Concen: 1.260 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:	43	Resp:	8174
Ion	Ratio	Lower	Upper
43	100		
72	13.7	21.7	32.5#





#29

Tetrahydrofuran

Concen: 0.313 ug/l

RT: 7.687 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN071100.D

Acq: 28 Feb 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

MW-39

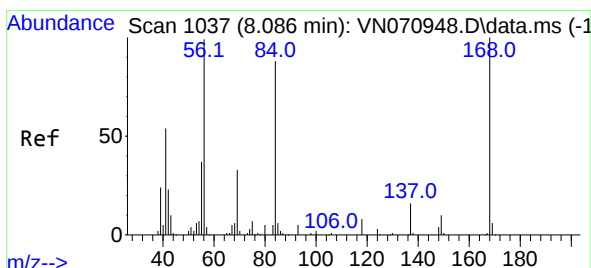
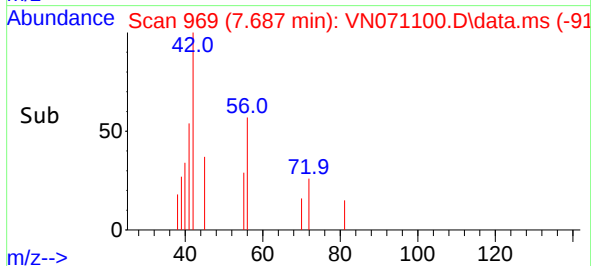
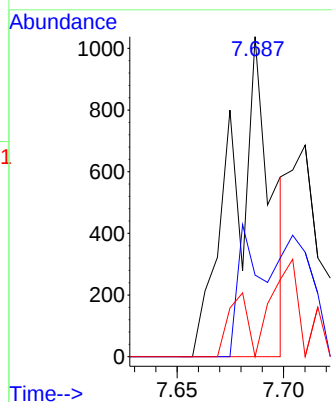
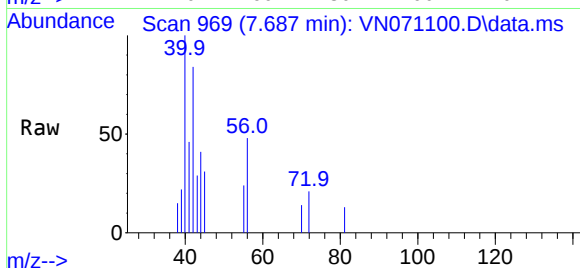
Tgt Ion: 42 Resp: 1316

Ion Ratio Lower Upper

42 100

72 25.1 36.3 54.5#

71 9.8 34.7 52.1#



#31

Cyclohexane

Concen: 3.247 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VN071100.D

Acq: 28 Feb 2022 17:32

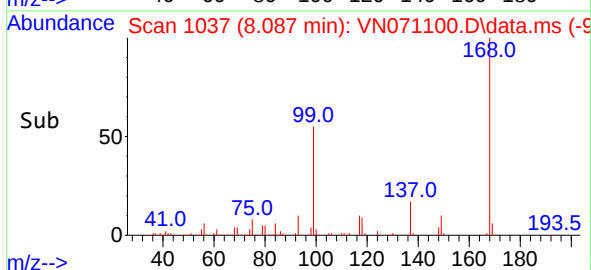
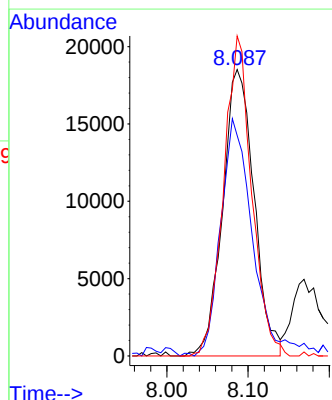
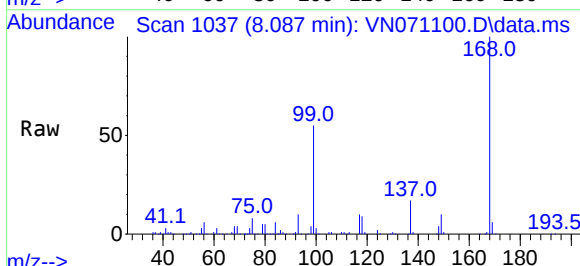
Tgt Ion: 56 Resp: 49729

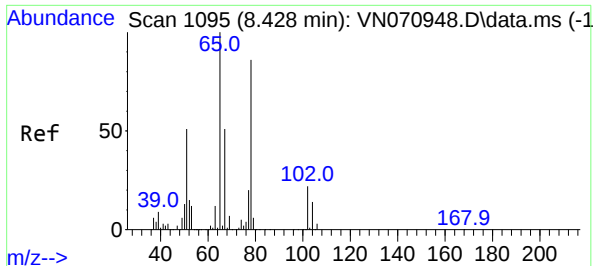
Ion Ratio Lower Upper

56 100

69 77.0 27.1 40.7#

84 111.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.229 ug/l

RT: 8.434 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN071100.D

Acq: 28 Feb 2022 17:32

Instrument :

MSVOA_N

ClientSampleId :

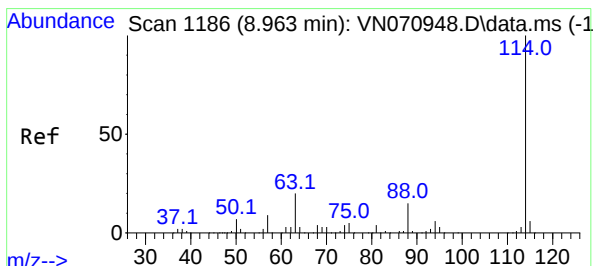
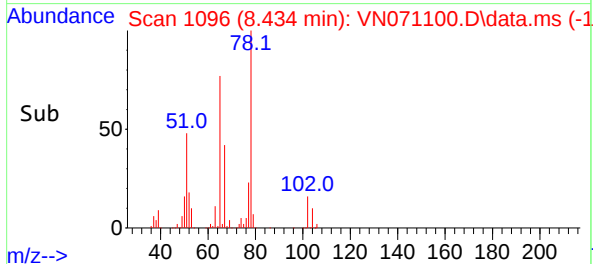
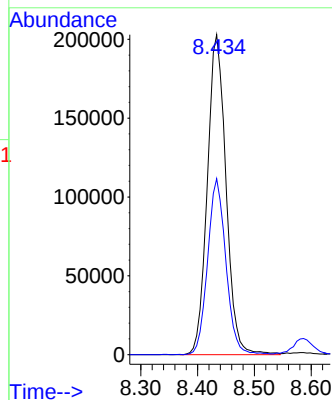
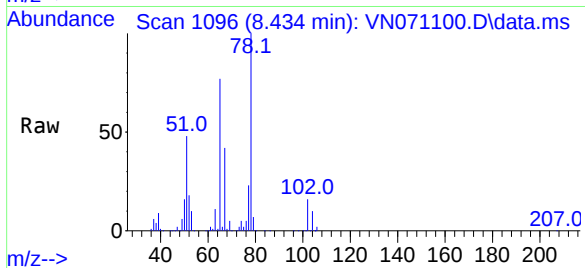
MW-39

Tgt Ion: 65 Resp: 462568

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071100.D

Acq: 28 Feb 2022 17:32

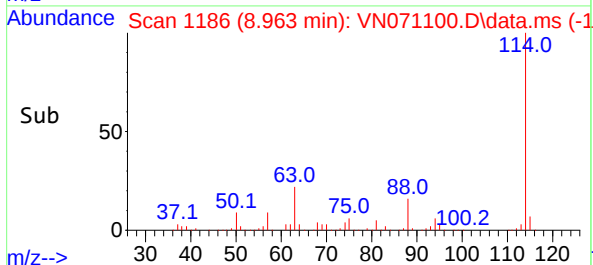
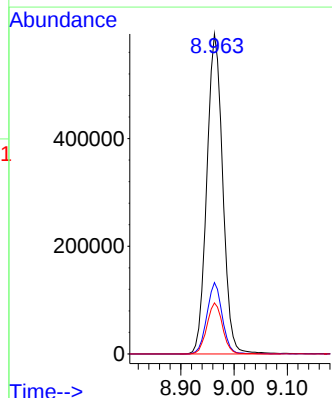
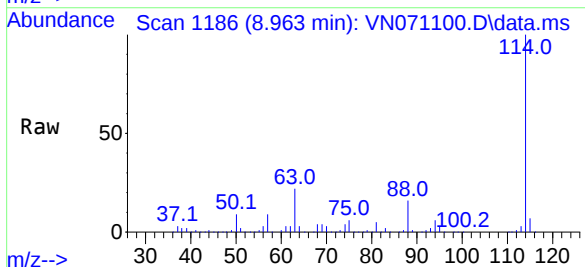
Tgt Ion: 114 Resp: 1234145

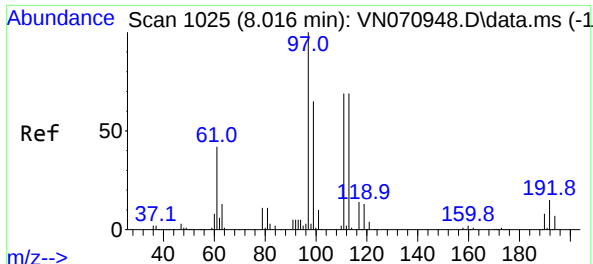
Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 16.0 0.0 27.4

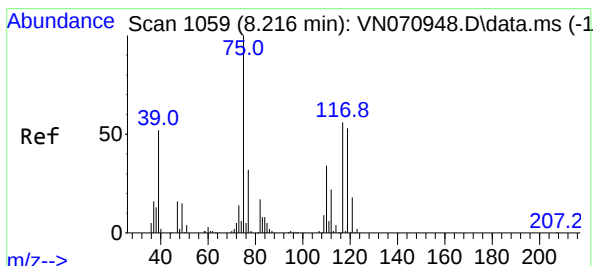
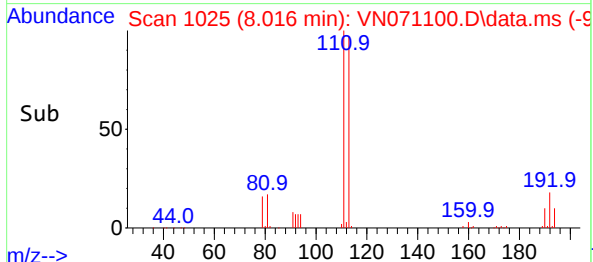
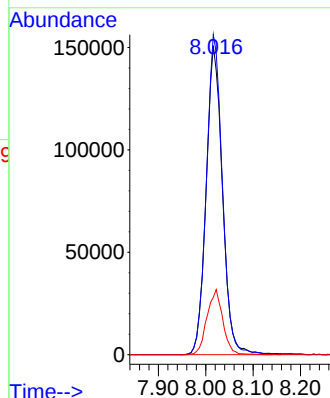
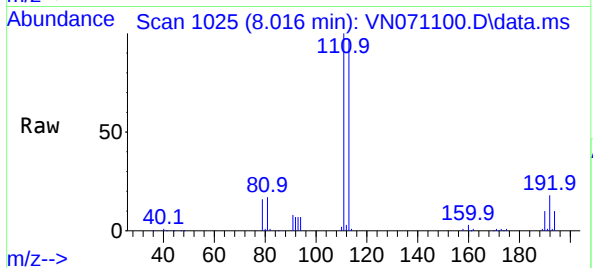




#35
Dibromofluoromethane
Concen: 49.171 ug/l
RT: 8.016 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

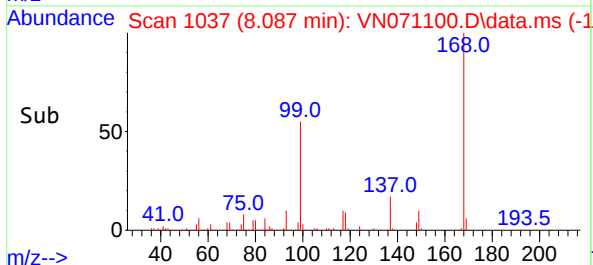
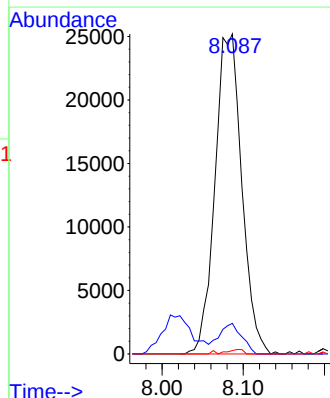
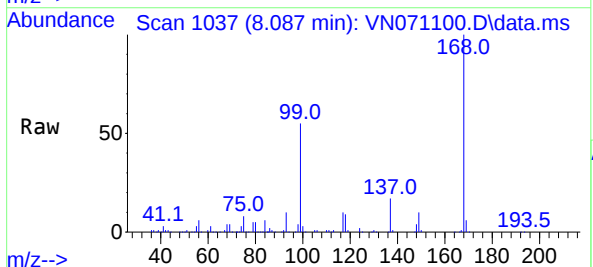
Instrument :
MSVOA_N
ClientSampleId :
MW-39

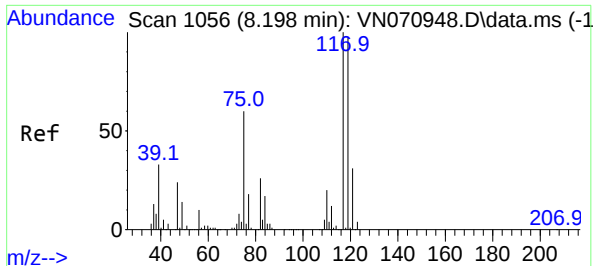
Tgt Ion:113 Resp: 360950
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.802 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 75 Resp: 57751
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#

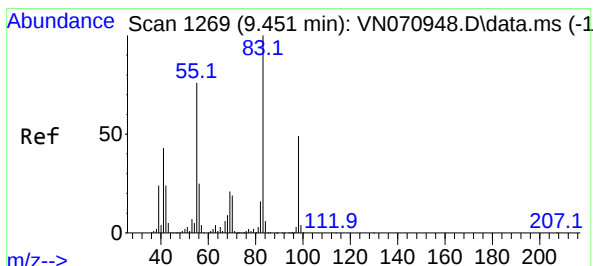
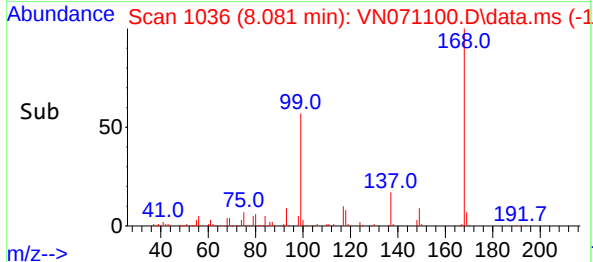
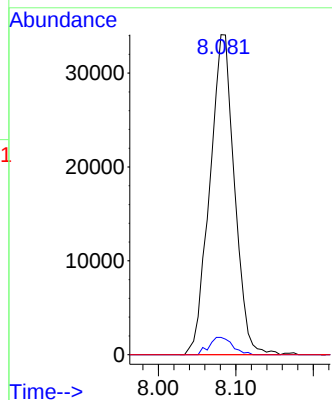
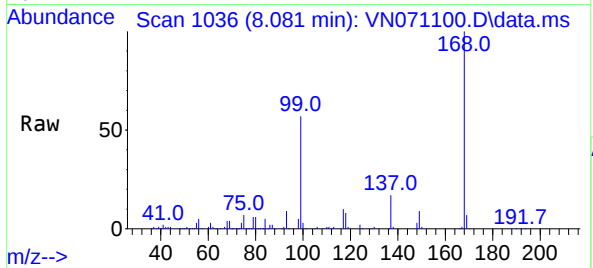




#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

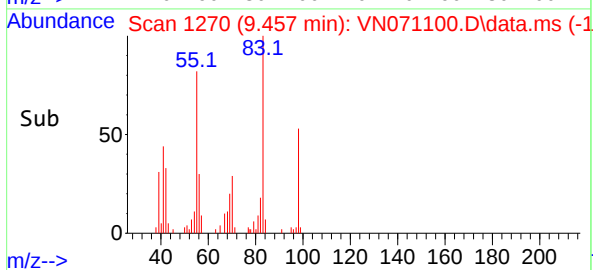
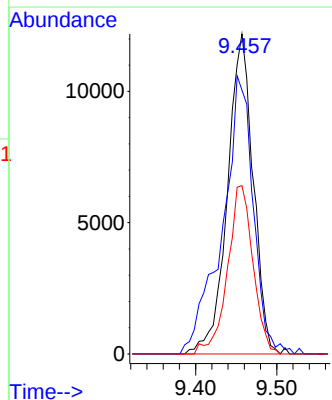
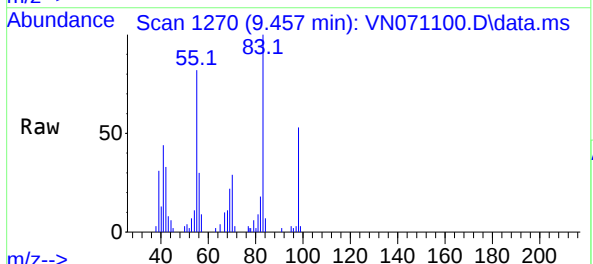
Instrument :
MSVOA_N
ClientSampleId :
MW-39

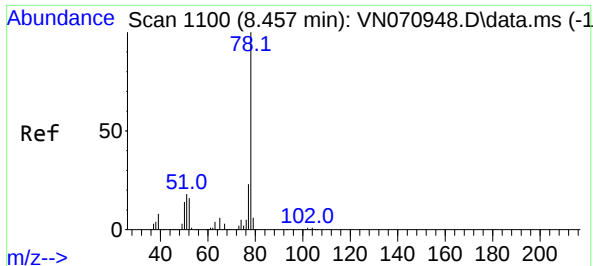
Tgt Ion:117 Resp: 75660
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.736 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 83 Resp: 26865
Ion Ratio Lower Upper
83 100
55 82.5 58.1 87.1
98 52.6 38.4 57.6

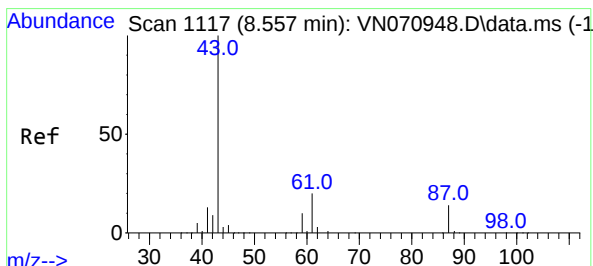
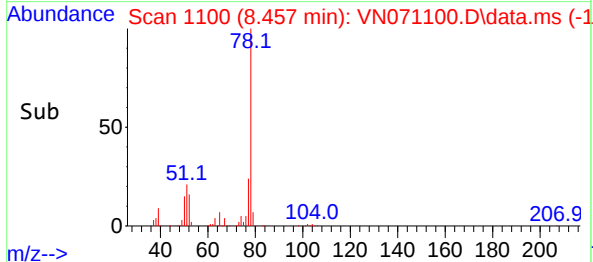
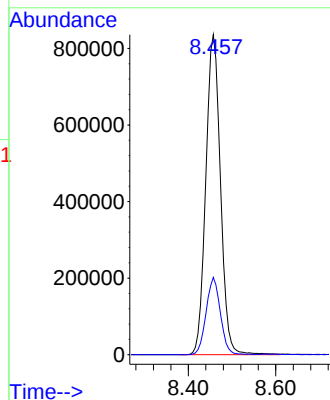
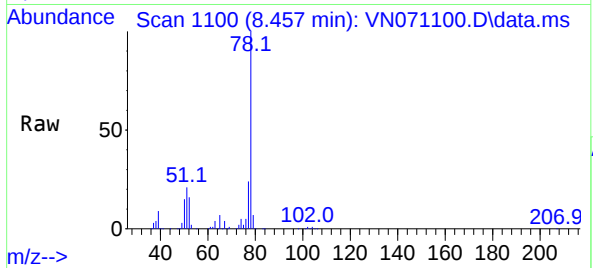




#40
Benzene
Concen: 54.976 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

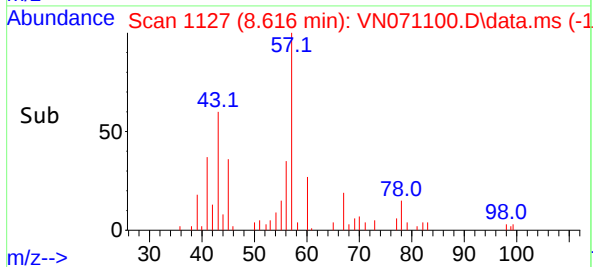
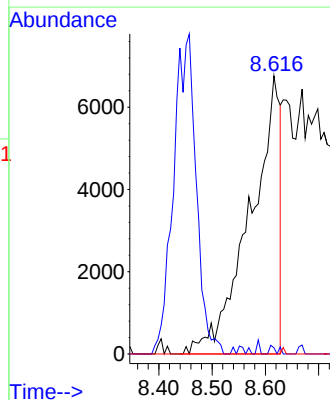
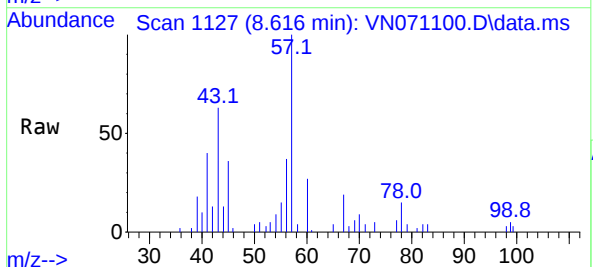
Instrument :
MSVOA_N
ClientSampleId :
MW-39

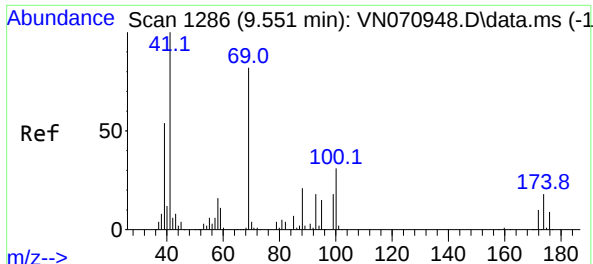
Tgt Ion: 78 Resp: 1955732
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8



#43
Isopropyl Acetate
Concen: 1.288 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.059 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 43 Resp: 26193
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.2 11.2 16.8#

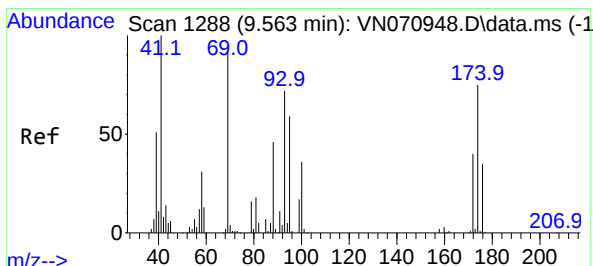
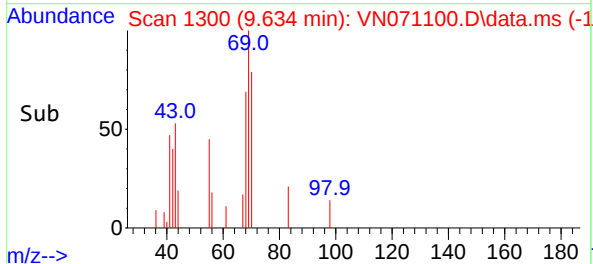
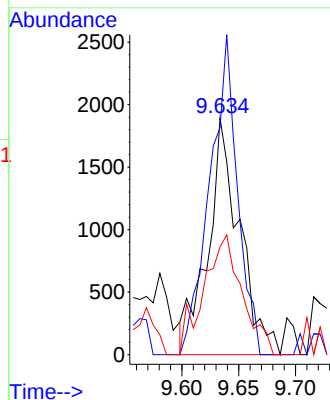
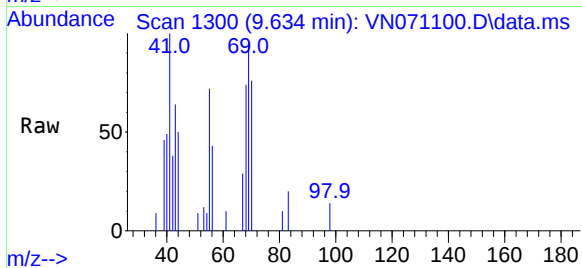




#48
Methyl methacrylate
Concen: 0.382 ug/l
RT: 9.634 min Scan# 11
Delta R.T. 0.082 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

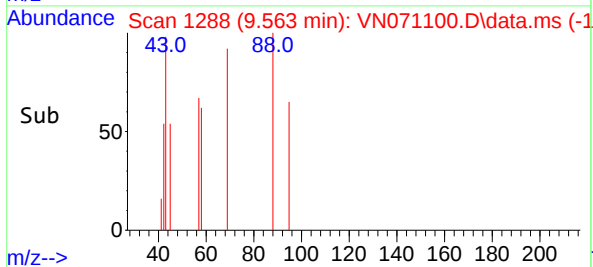
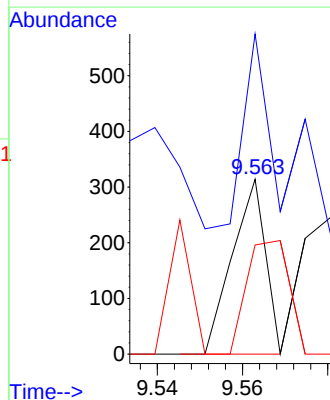
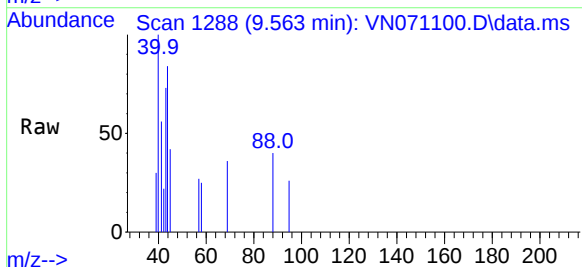
Instrument :
MSVOA_N
ClientSampleId :
MW-39

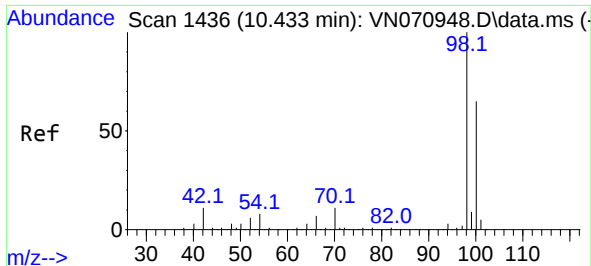
Tgt Ion: 41 Resp: 3674
Ion Ratio Lower Upper
41 100
69 118.0 72.4 108.6#
39 61.2 58.4 87.6



#49
1,4-Dioxane
Concen: 0.989 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 88 Resp: 169
Ion Ratio Lower Upper
88 100
43 193.5 23.4 35.2#
58 83.4 50.6 75.8#

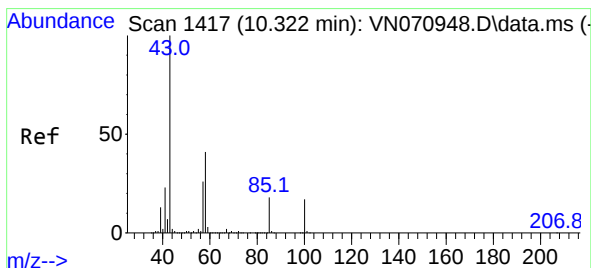
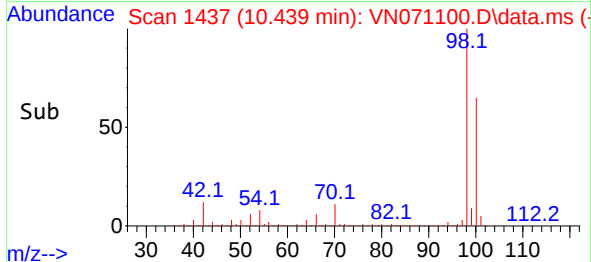
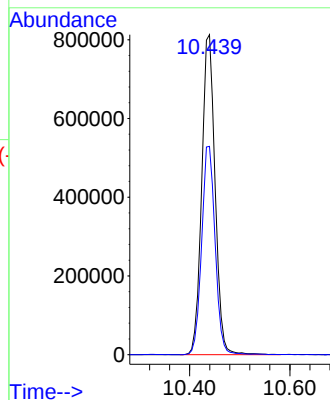
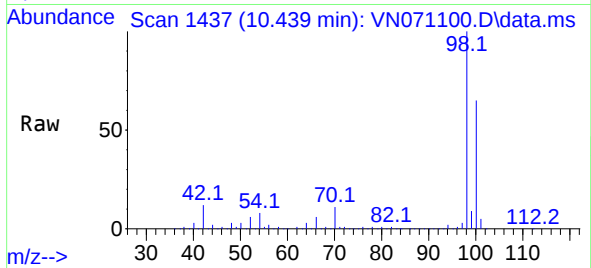




#50
Toluene-d8
Concen: 50.956 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

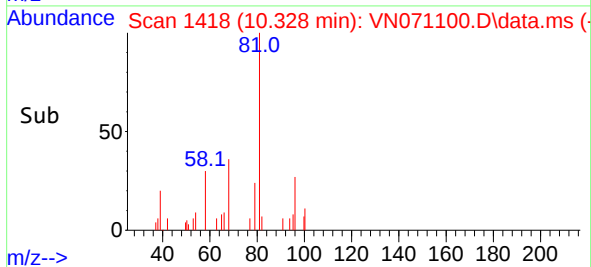
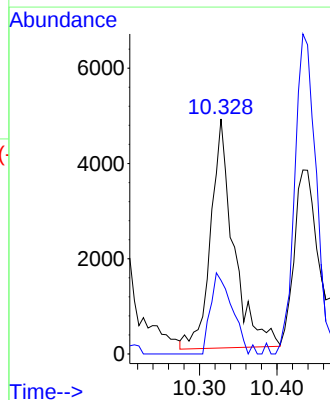
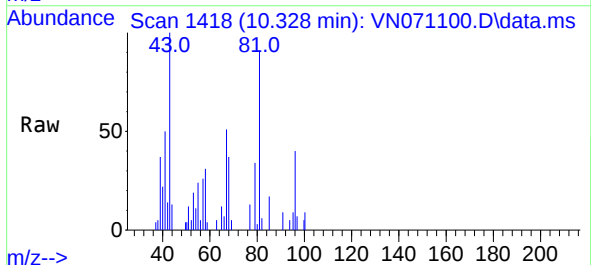
Instrument :
MSVOA_N
ClientSampleId :
MW-39

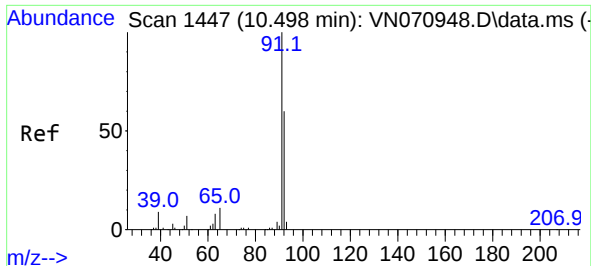
Tgt Ion: 98 Resp: 1502172
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.800 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 43 Resp: 9894
Ion Ratio Lower Upper
43 100
58 33.5 30.4 45.6

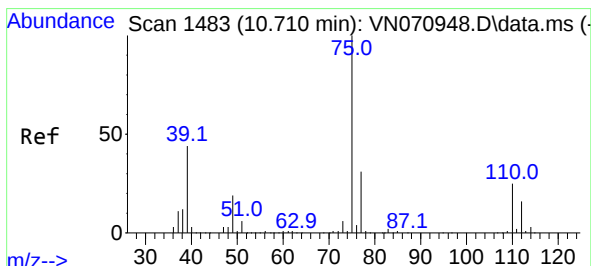
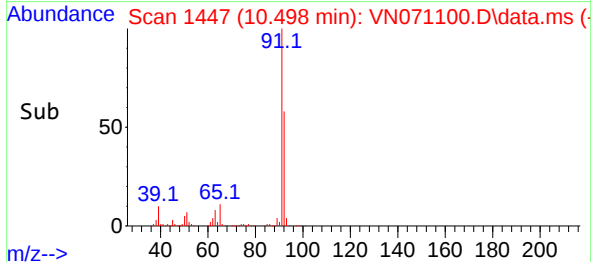
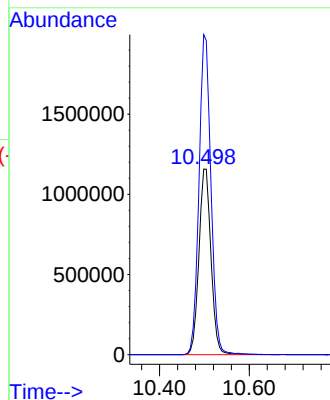
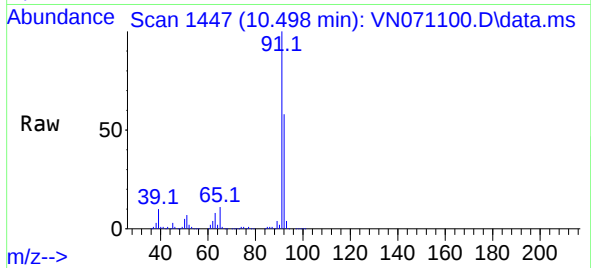




#52
Toluene
Concen: 96.632 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

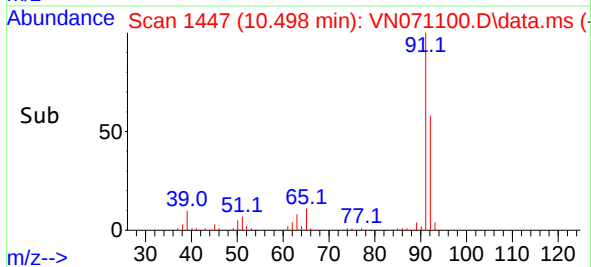
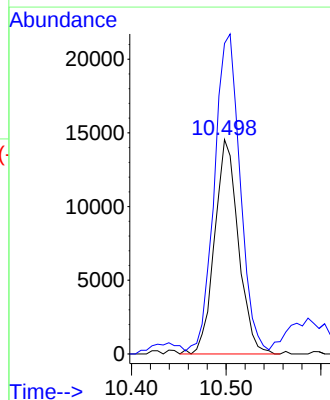
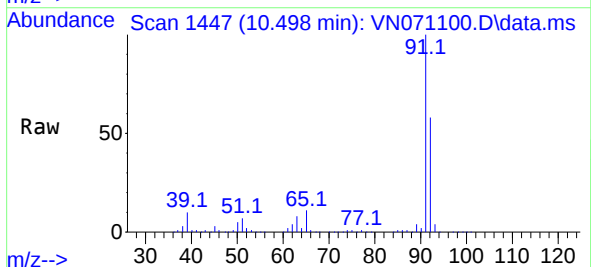
Instrument :
MSVOA_N
ClientSampleId :
MW-39

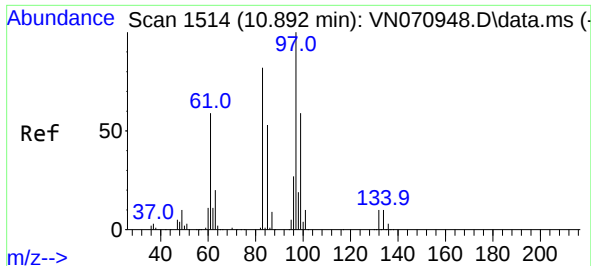
Tgt Ion: 92 Resp: 2160084
Ion Ratio Lower Upper
92 100
91 170.5 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 1.925 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.212 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 75 Resp: 25368
Ion Ratio Lower Upper
75 100
77 140.9 25.6 38.4#

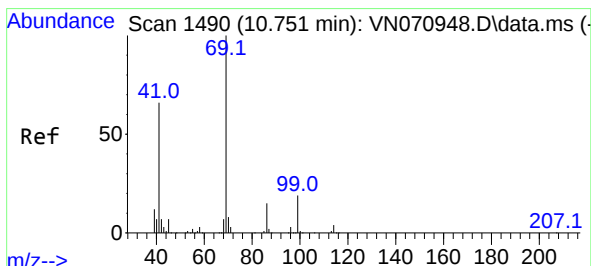
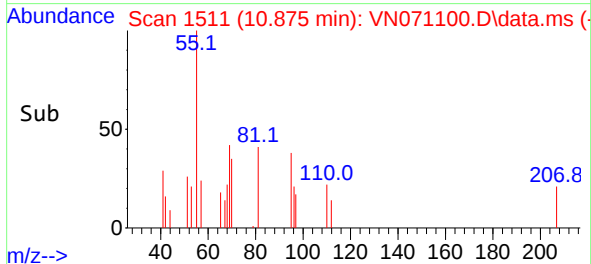
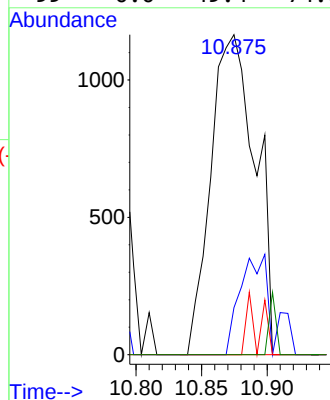
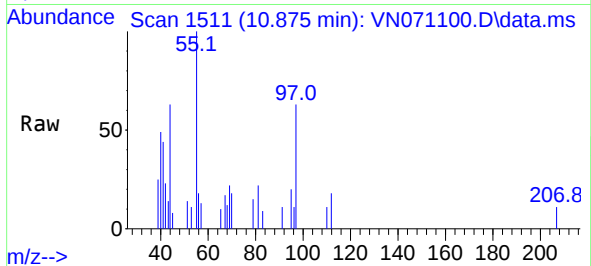




#55
1,1,2-Trichloroethane
Concen: 0.314 ug/l
RT: 10.875 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

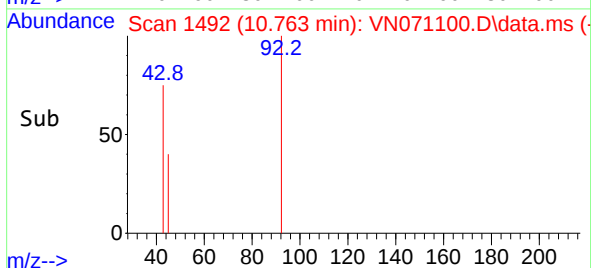
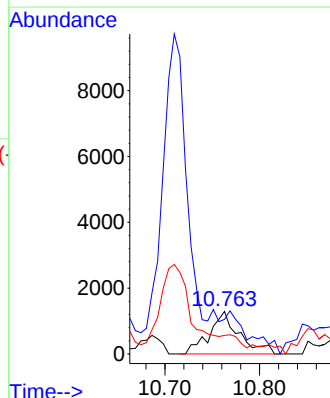
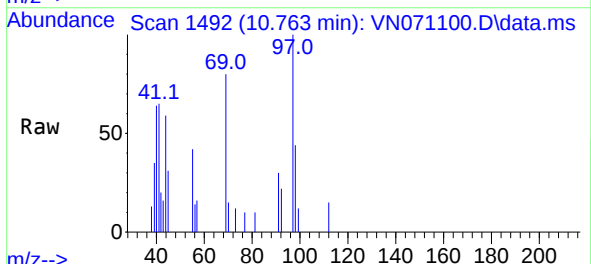
Instrument :
MSVOA_N
ClientSampleId :
MW-39

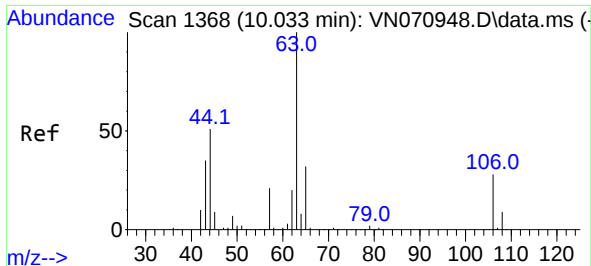
Tgt Ion:	97	Resp:	2745
Ion	Ratio	Lower	Upper
97	100		
83	14.7	67.8	101.6#
85	0.0	45.4	68.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 0.214 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.012 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:	69	Resp:	2815
Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.4	77.0#
39	0.0	34.6	52.0#

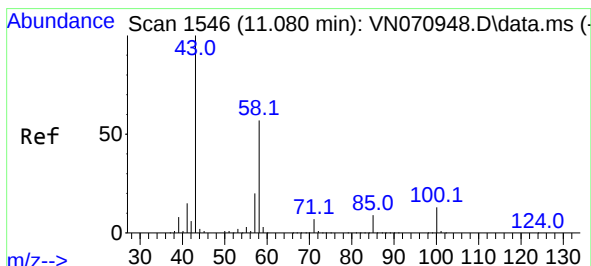
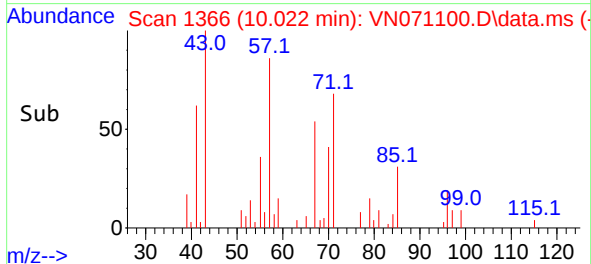
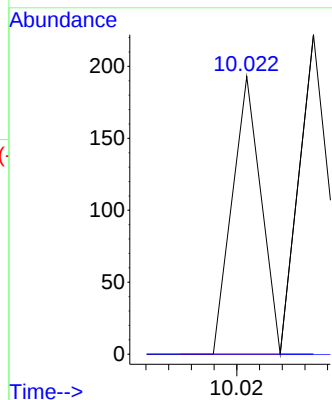
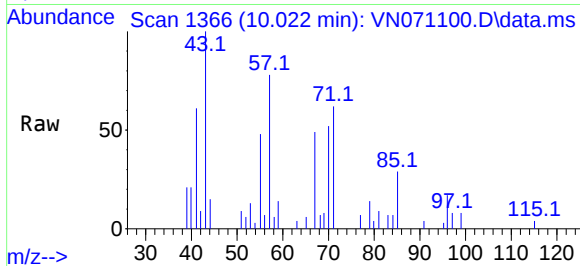




#58
2-Chloroethyl Vinyl ether
Concen: 31.821 ug/l
RT: 10.022 min Scan# 1366
Delta R.T. -0.011 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

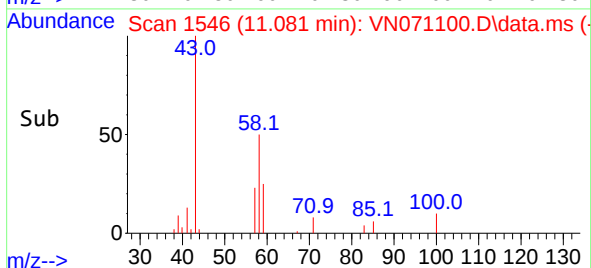
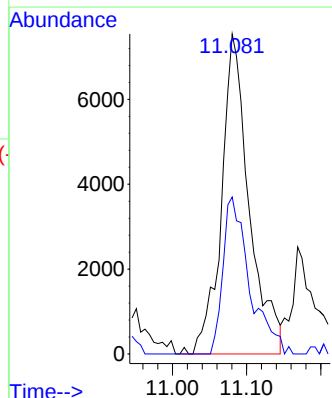
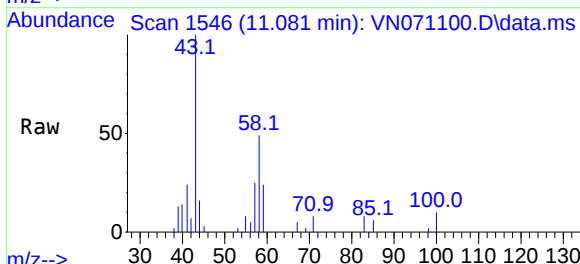
Instrument :
MSVOA_N
ClientSampleId :
MW-39

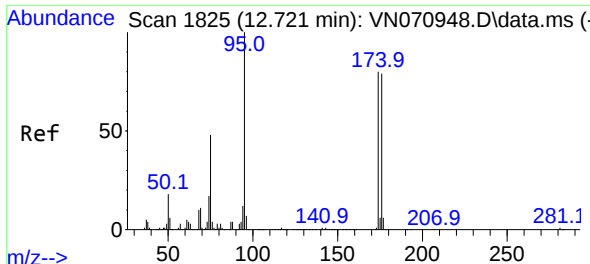
Tgt Ion: 63 Resp: 68
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 2.307 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.001 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 43 Resp: 19622
Ion Ratio Lower Upper
43 100
58 47.0 26.9 80.7

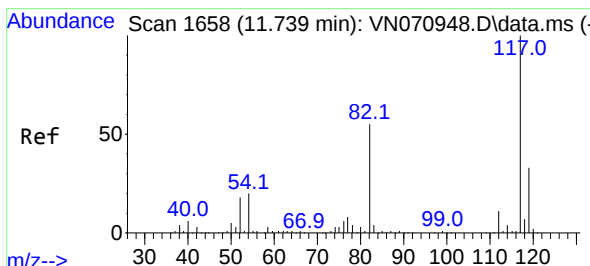
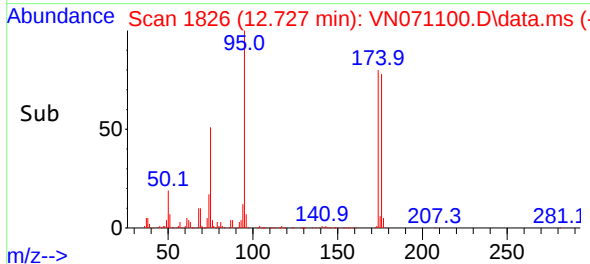
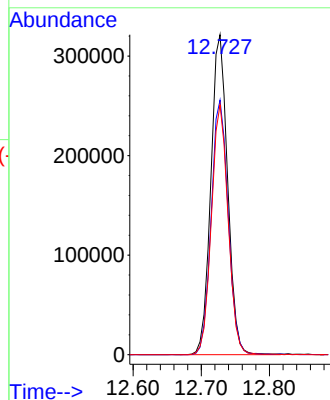
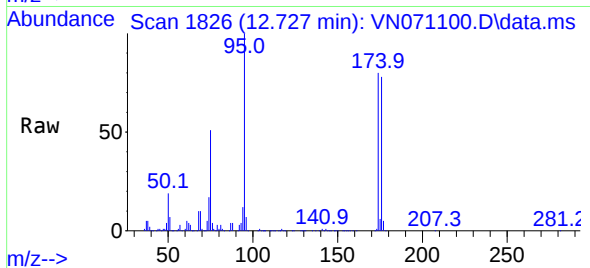




#62
4-Bromofluorobenzene
Concen: 52.229 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

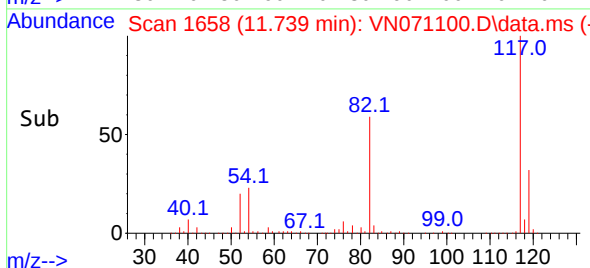
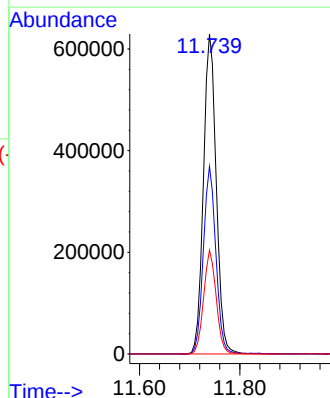
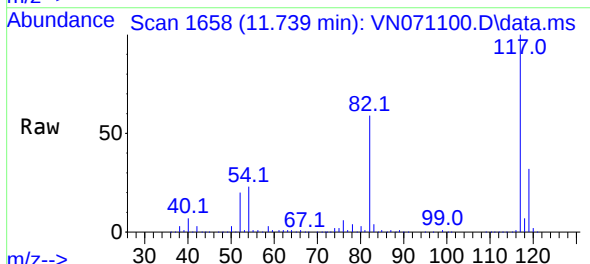
Instrument :
MSVOA_N
ClientSampleId :
MW-39

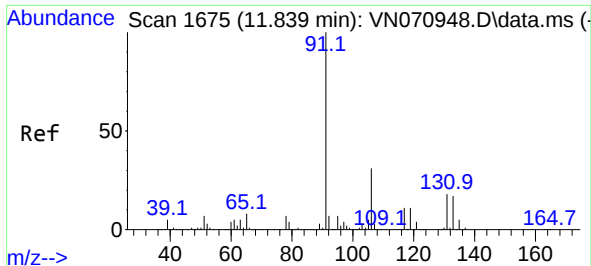
Tgt Ion: 95 Resp: 550351
Ion Ratio Lower Upper
95 100
174 80.5 0.0 187.2
176 77.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 117 Resp: 1116212
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.5 25.4 38.2

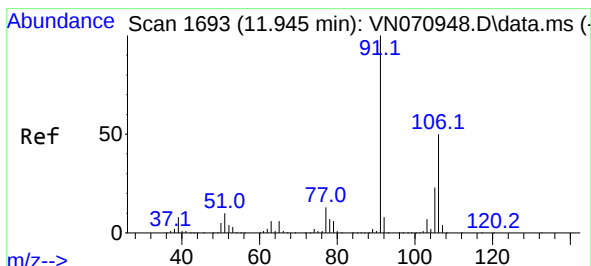
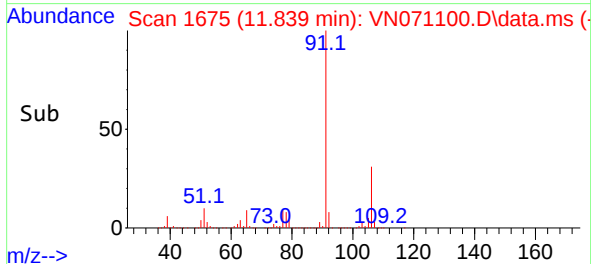
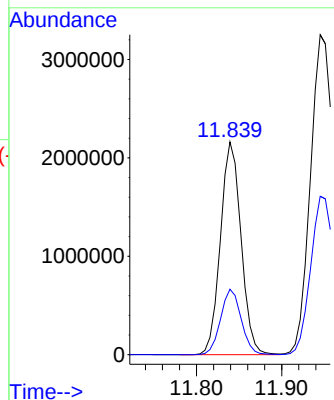
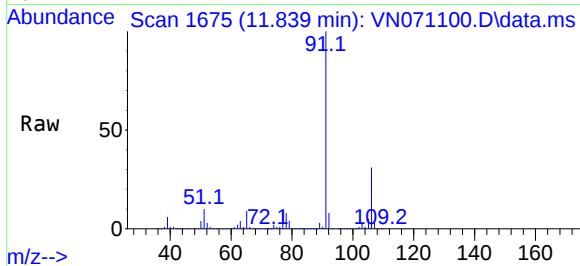




#67
Ethyl Benzene
Concen: 86.509 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

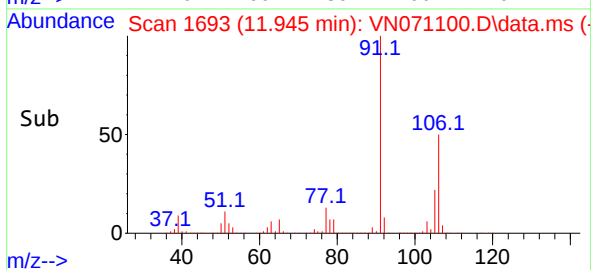
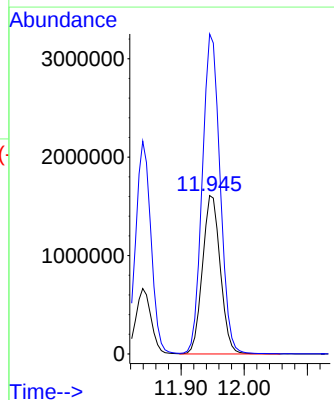
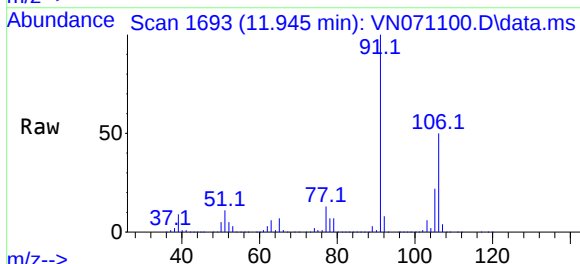
Instrument :
MSVOA_N
ClientSampleId :
MW-39

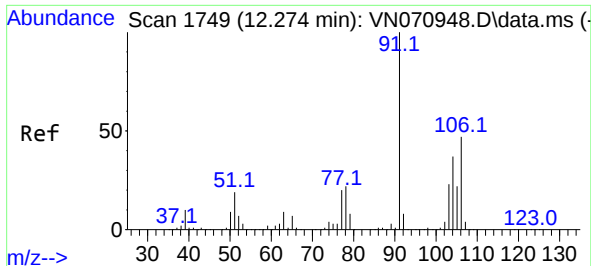
Tgt Ion: 91 Resp: 3641812
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5



#68
m/p-Xylenes
Concen: 193.638 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:106 Resp: 3148751
Ion Ratio Lower Upper
106 100
91 202.1 160.6 240.8

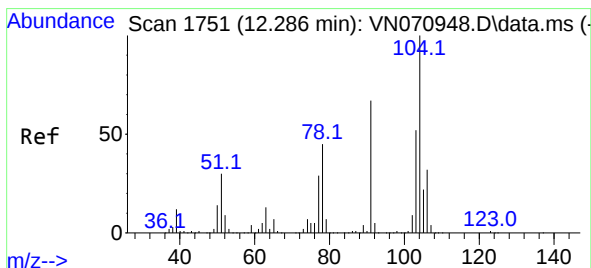
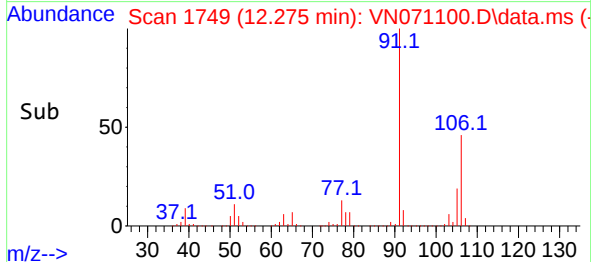
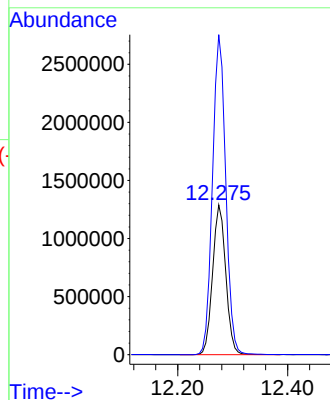
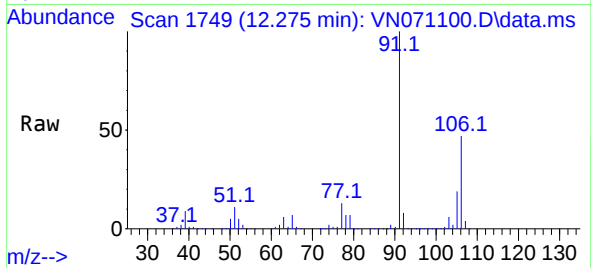




#69
o-Xylene
Concen: 134.861 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

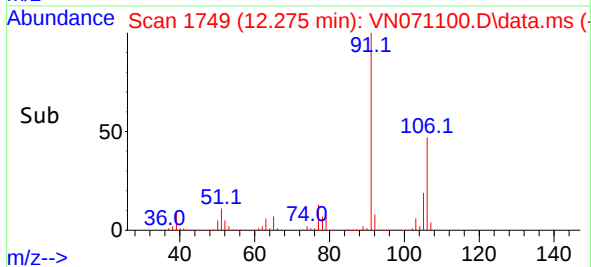
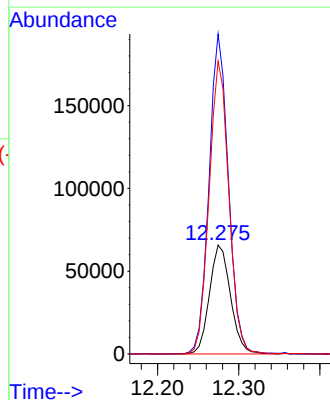
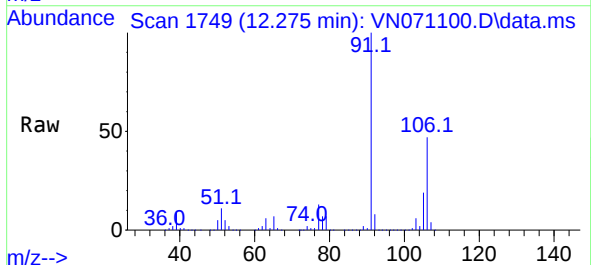
Instrument :
MSVOA_N
ClientSampleId :
MW-39

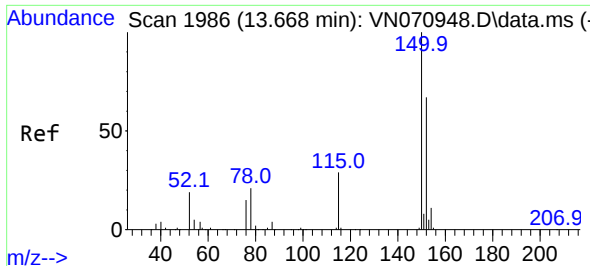
Tgt Ion:106 Resp: 2142229
Ion Ratio Lower Upper
106 100
91 214.8 105.8 317.3



#70
Styrene
Concen: 4.687 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:104 Resp: 118379
Ion Ratio Lower Upper
104 100
78 271.2 38.7 58.1#
103 252.7 45.0 67.6#

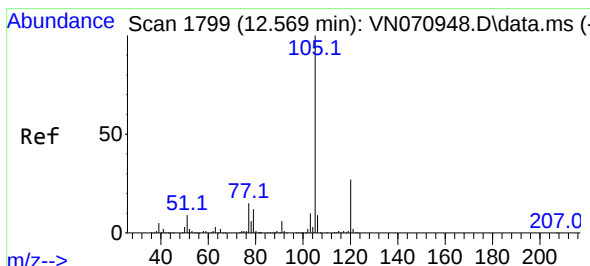
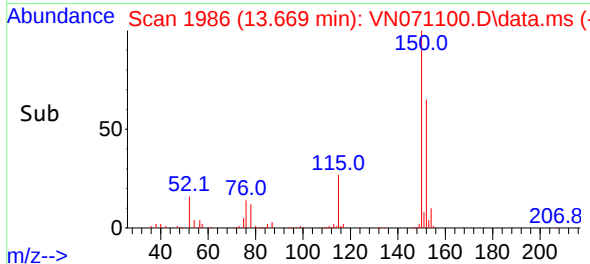
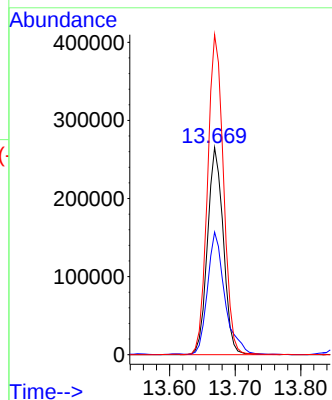
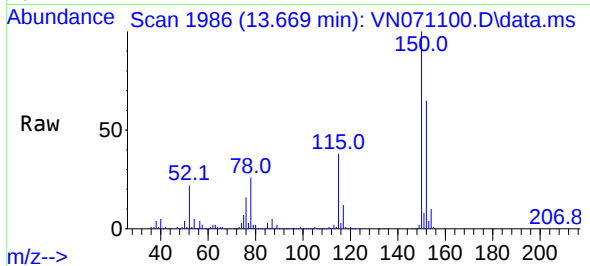




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

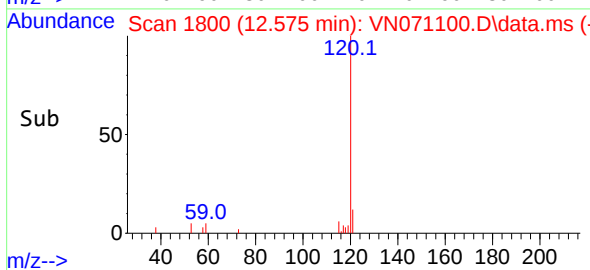
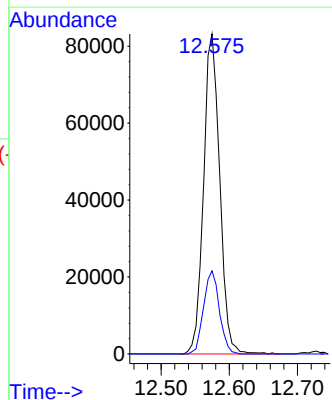
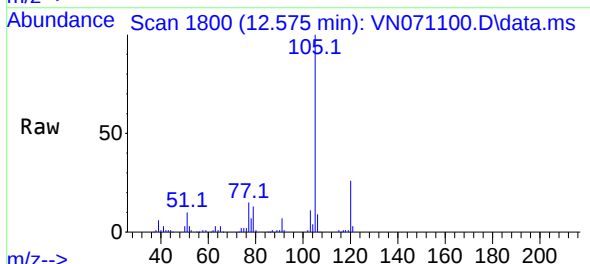
Instrument :
MSVOA_N
ClientSampleId :
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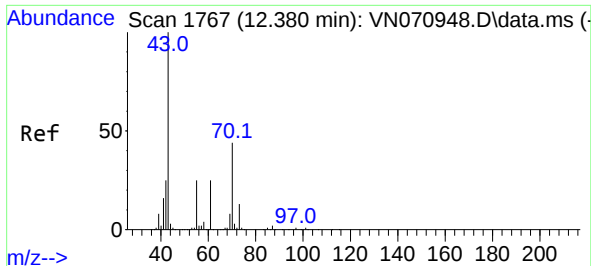
Tgt Ion:152 Resp: 445410
Ion Ratio Lower Upper
152 100
115 65.4 27.5 82.5
150 155.8 0.0 344.4



#73
Isopropylbenzene
Concen: 3.825 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:105 Resp: 137122
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

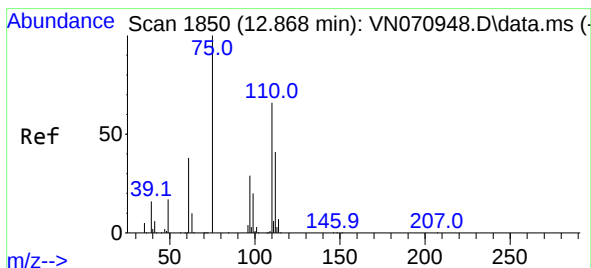
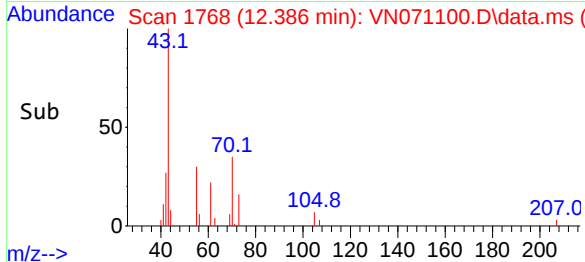
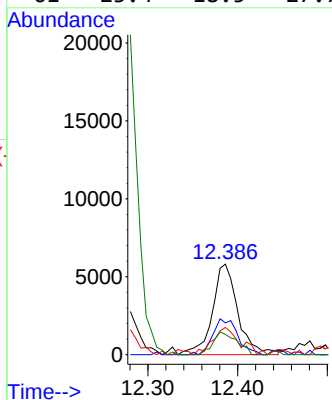
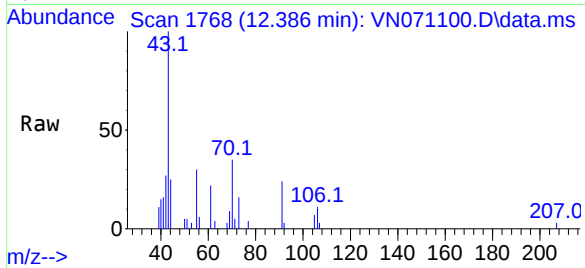




#74
N-amy1 acetate
Concen: 1.002 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

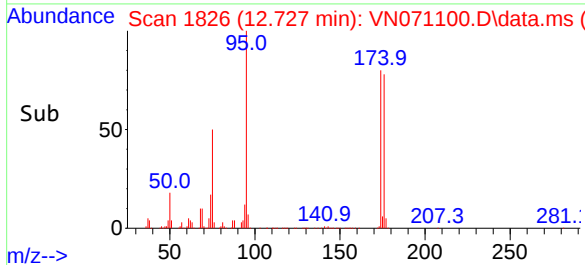
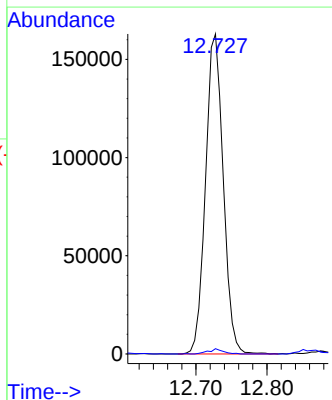
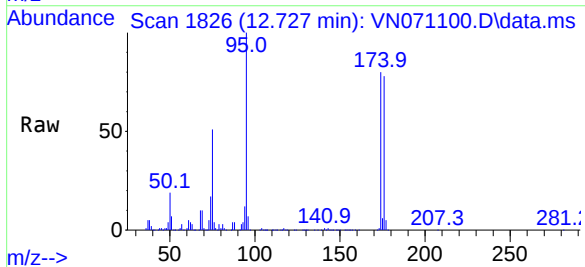
Instrument :
MSVOA_N
ClientSampleId :
MW-39

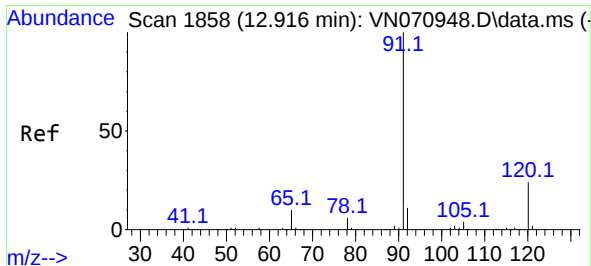
Tgt Ion:	43	Resp:	11485
Ion	Ratio	Lower	Upper
43	100		
70	38.4	33.4	50.0
55	31.6	19.3	28.9#
61	23.4	18.5	27.7



#76
1,2,3-Trichloropropane
Concen: 26.896 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:	75	Resp:	282066
Ion	Ratio	Lower	Upper
75	100		
77	1.4	82.6	247.8#

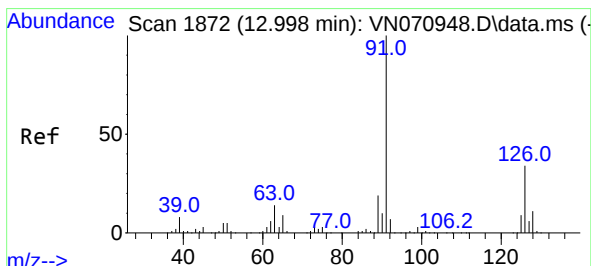
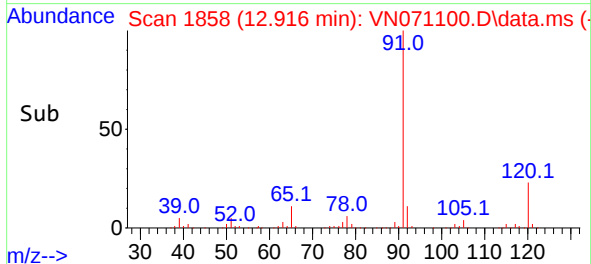
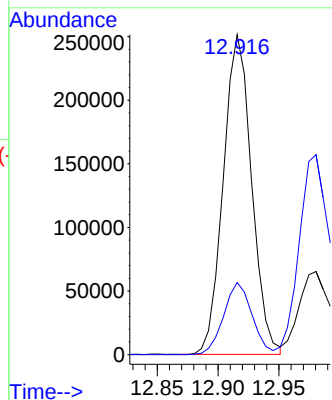
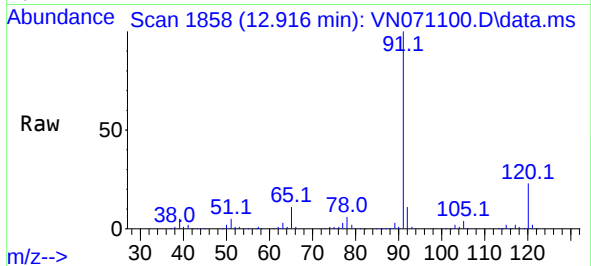




#78
n-propylbenzene
Concen: 10.100 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

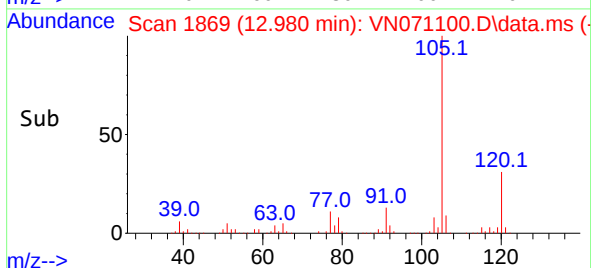
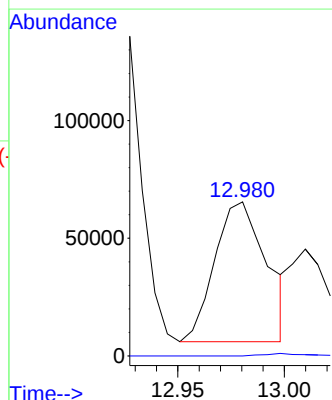
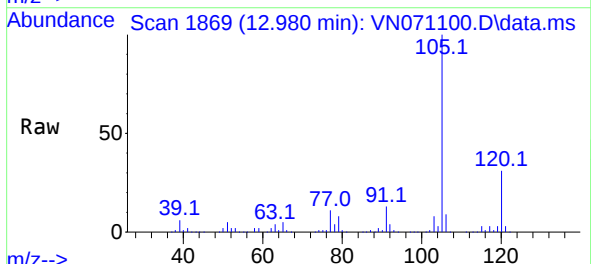
Instrument :
MSVOA_N
ClientSampleId :
MW-39

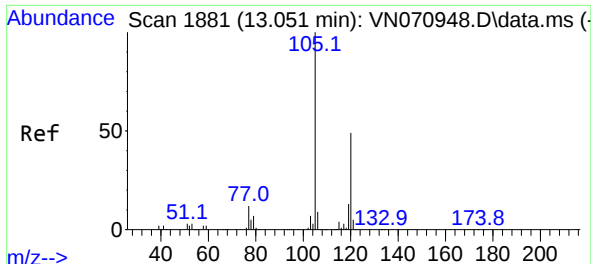
Tgt Ion: 91 Resp: 406825
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9



#79
2-Chlorotoluene
Concen: 4.103 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.018 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 91 Resp: 100378
Ion Ratio Lower Upper
91 100
126 1.4 18.3 54.8#

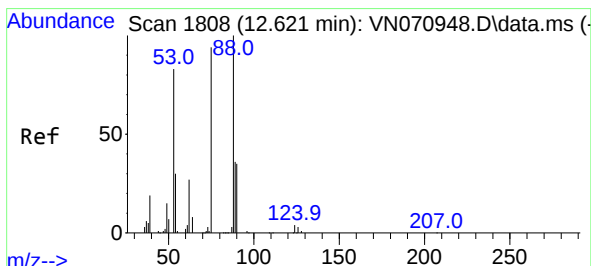
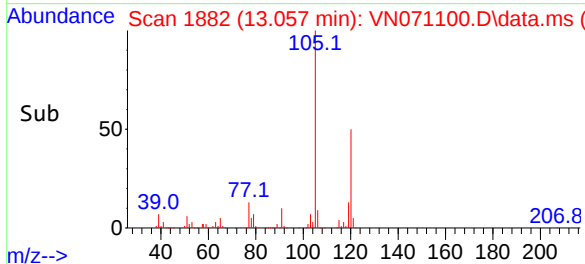
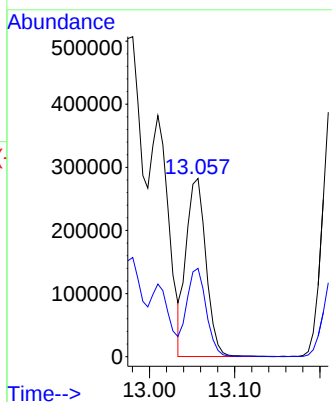
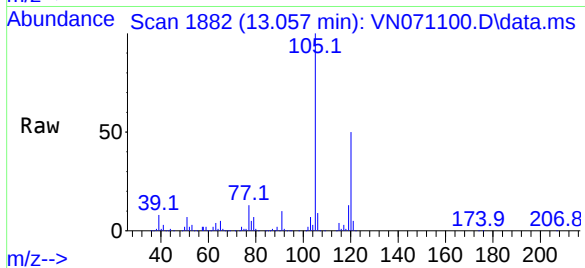




#80
1,3,5-Trimethylbenzene
Concen: 15.667 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

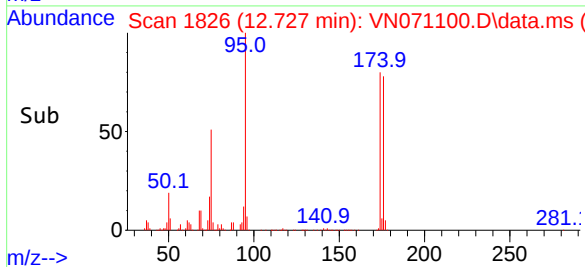
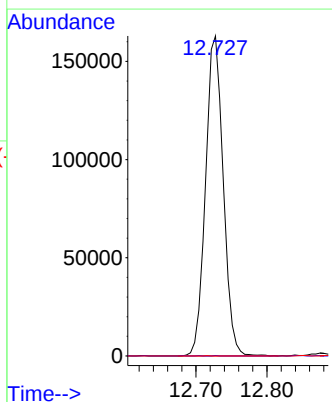
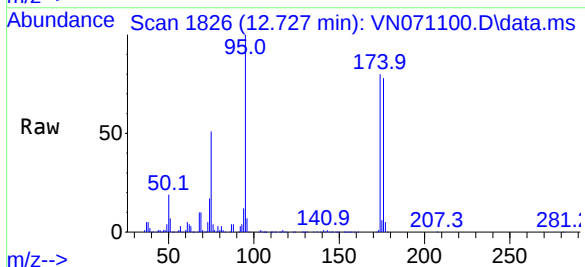
Instrument :
MSVOA_N
ClientSampleId :
MW-39

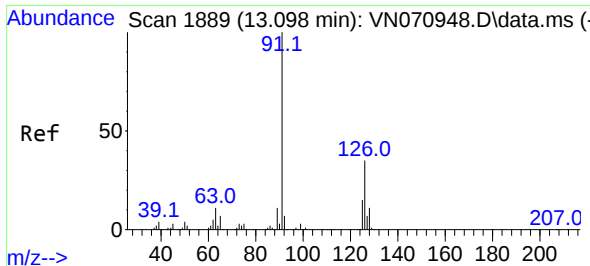
Tgt Ion:105 Resp: 455048
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 87.156 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 75 Resp: 282066
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

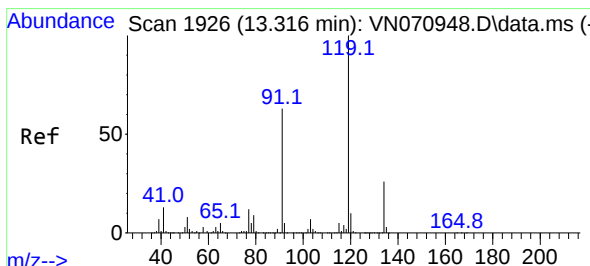
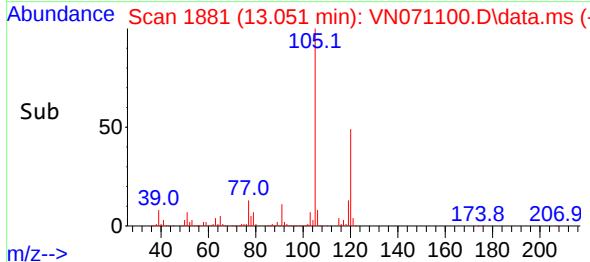
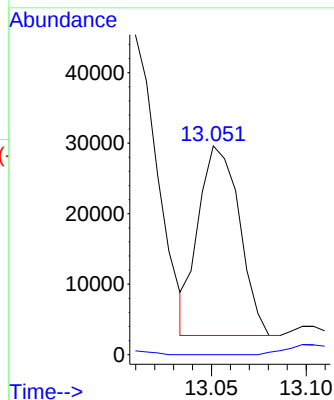
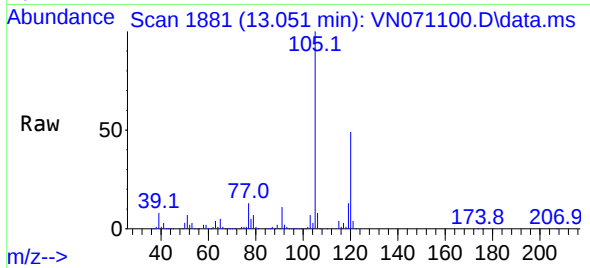




#82
4-Chlorotoluene
Concen: 1.701 ug/l
RT: 13.051 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

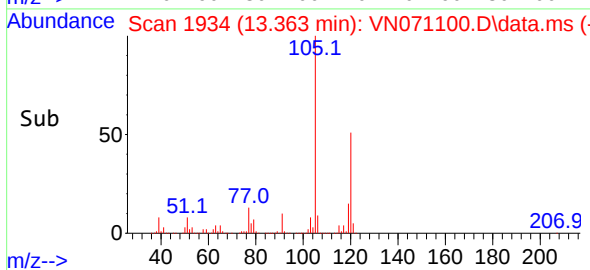
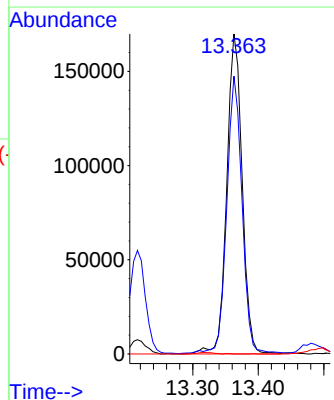
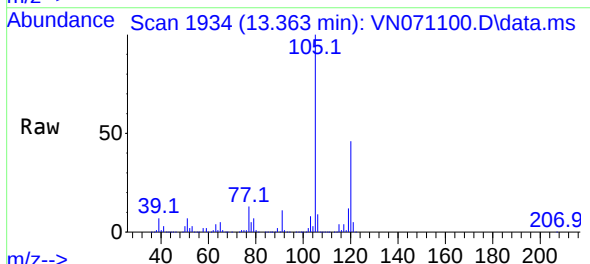
Instrument :
MSVOA_N
ClientSampleId :
MW-39

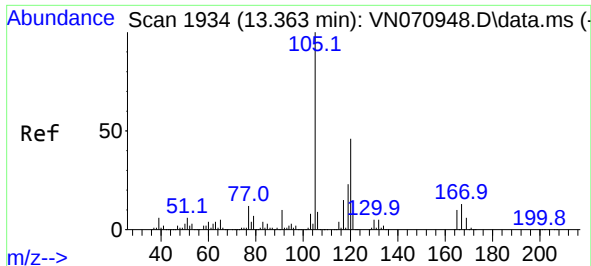
Tgt Ion: 91 Resp: 40394
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 10.040 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 119 Resp: 276559
Ion Ratio Lower Upper
119 100
91 86.0 31.5 94.5
134 0.0 12.4 37.4#

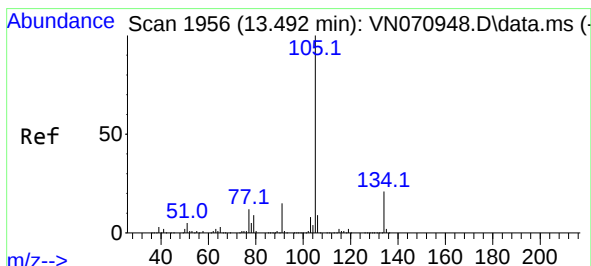
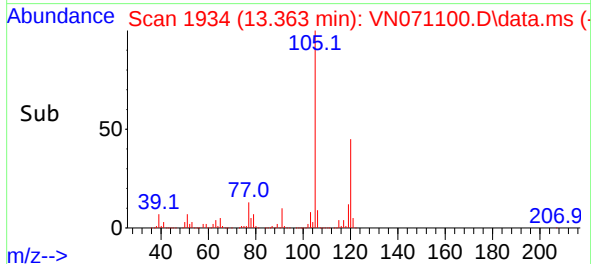
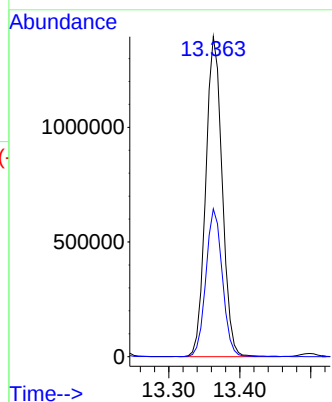
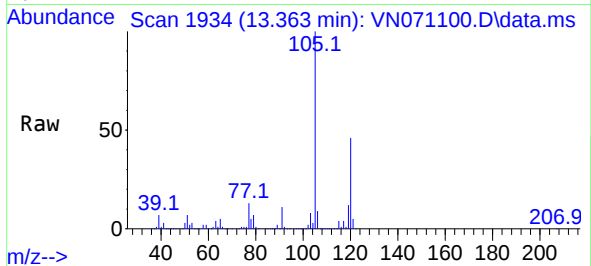




#84
1,2,4-Trimethylbenzene
Concen: 78.623 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

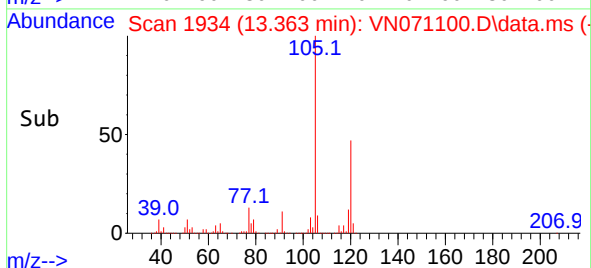
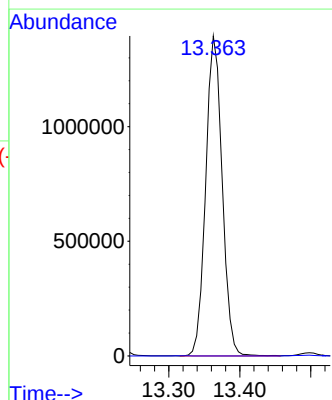
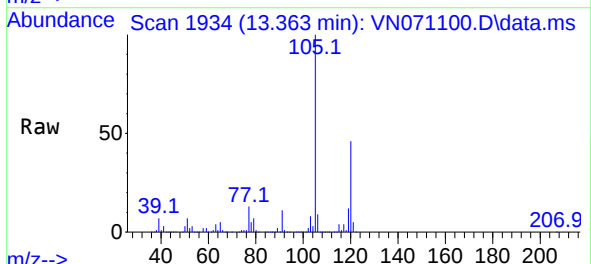
Instrument :
MSVOA_N
ClientSampleId :
MW-39

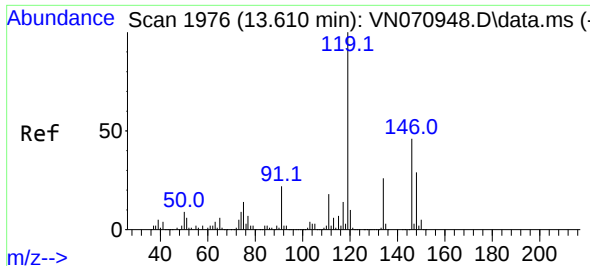
Tgt Ion:105 Resp: 2247958
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4



#85
sec-Butylbenzene
Concen: 61.933 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.129 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:105 Resp: 2247958
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

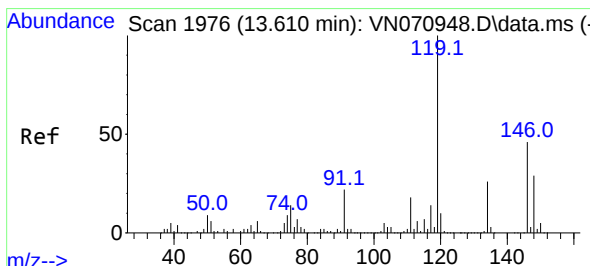
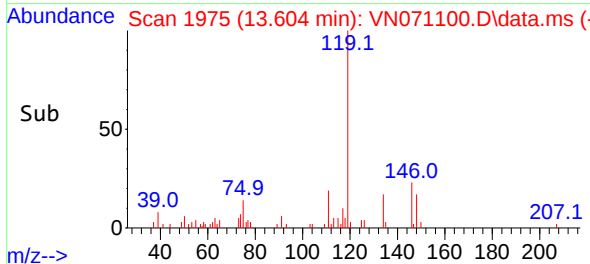
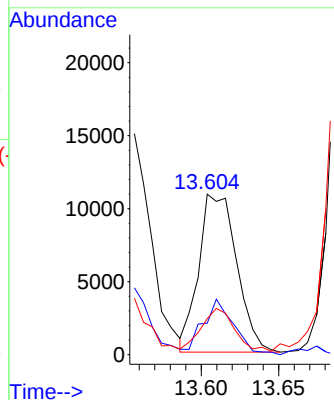
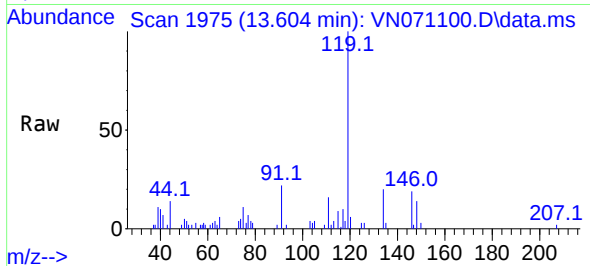




#86
p-Isopropyltoluene
Concen: 0.619 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

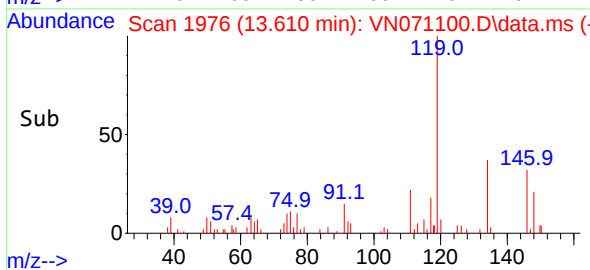
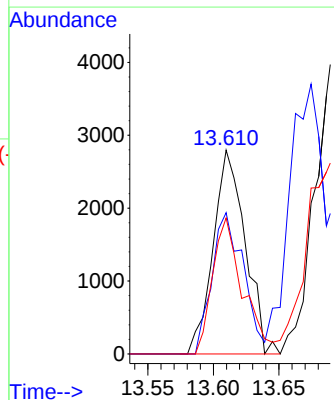
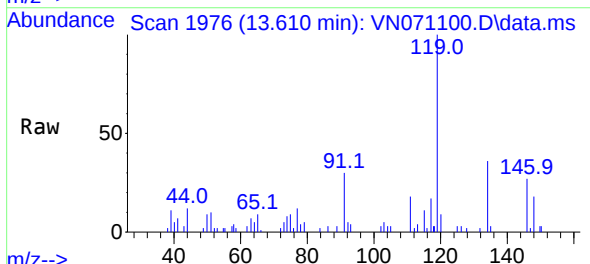
Instrument :
MSVOA_N
ClientSampleId :
MW-39

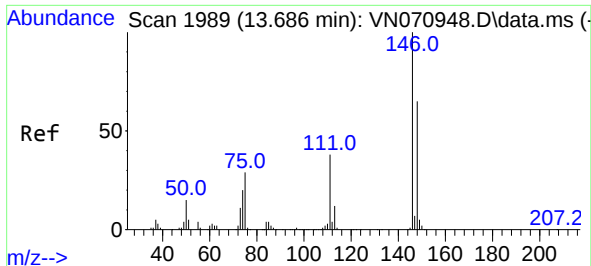
Tgt Ion:119 Resp: 18445
Ion Ratio Lower Upper
119 100
134 28.6 13.6 40.7
91 0.0 11.4 34.1#



#87
1,3-Dichlorobenzene
Concen: 0.305 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:146 Resp: 4744
Ion Ratio Lower Upper
146 100
111 68.3 18.6 55.6#
148 62.9 31.6 95.0

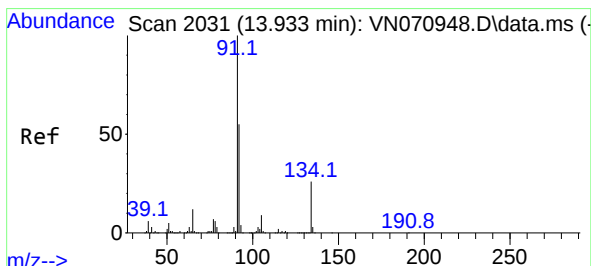
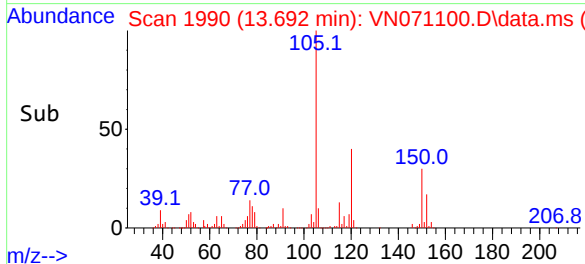
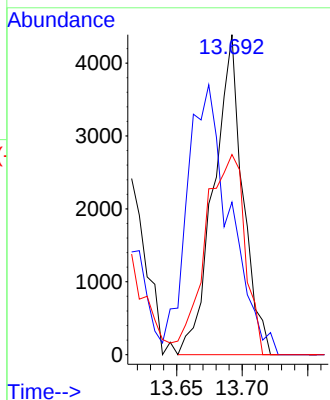
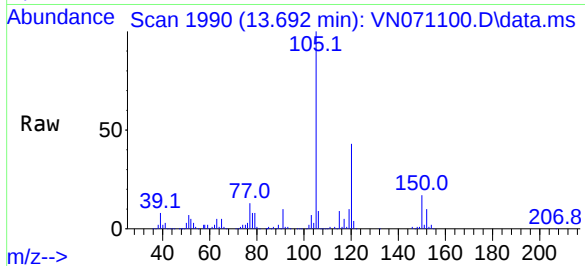




#88
1,4-Dichlorobenzene
Concen: 0.444 ug/l
RT: 13.692 min Scan# 1989
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

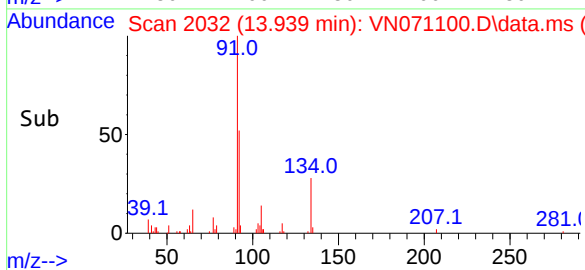
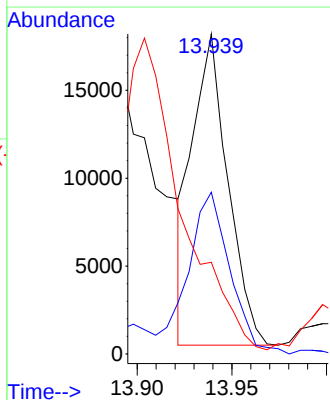
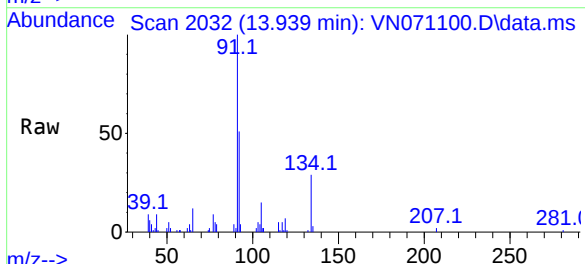
Instrument :
MSVOA_N
ClientSampleId :
MW-39

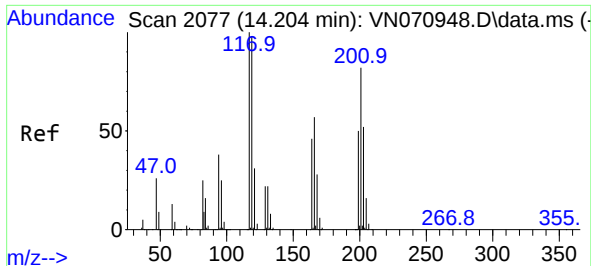
Tgt Ion:146 Resp: 6761
Ion Ratio Lower Upper
146 100
111 123.9 18.3 54.8#
148 85.2 31.8 95.4



#89
n-Butylbenzene
Concen: 0.950 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 91 Resp: 23105
Ion Ratio Lower Upper
91 100
92 61.5 25.4 76.0
134 0.0 13.6 40.8#

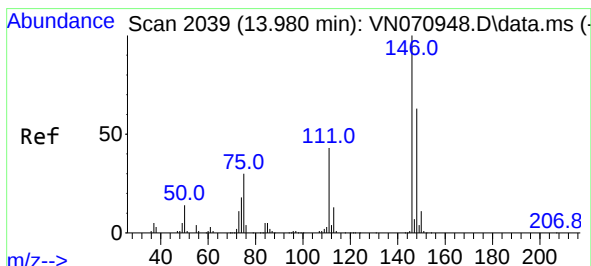
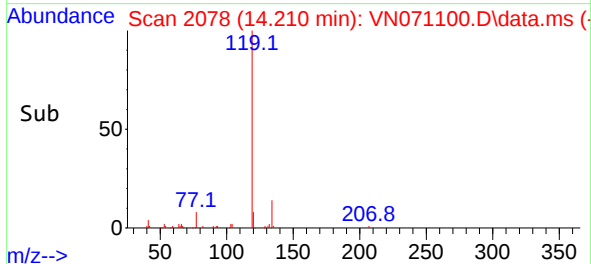
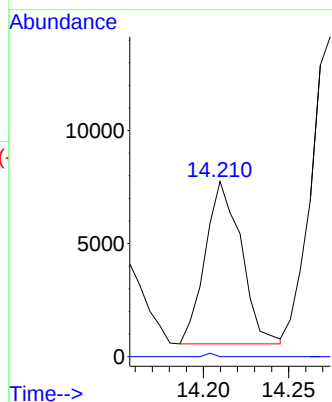
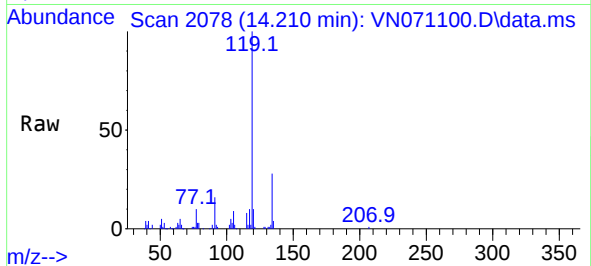




#90
Hexachloroethane
Concen: 1.985 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

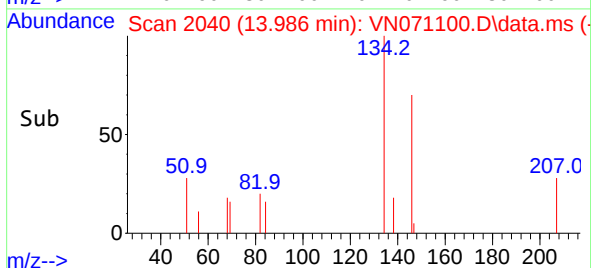
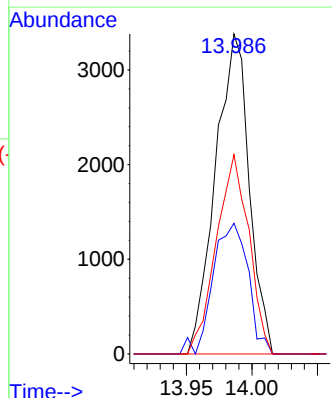
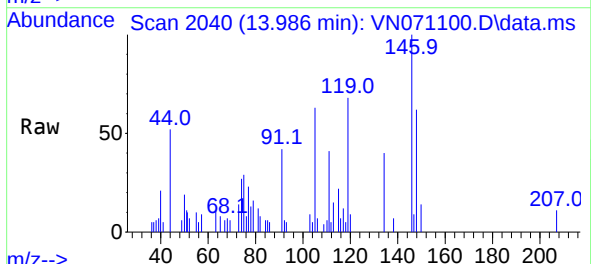
Instrument :
MSVOA_N
ClientSampleId :
MW-39

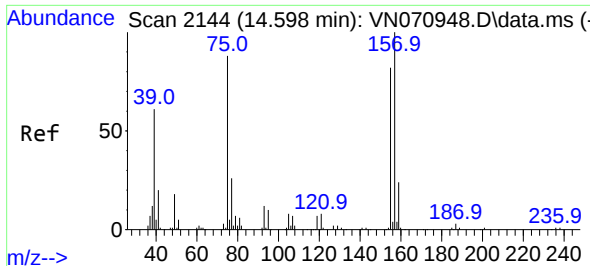
Tgt Ion:117 Resp: 10561
Ion Ratio Lower Upper
117 100
201 0.5 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.414 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:146 Resp: 6039
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 60.3 32.1 96.3

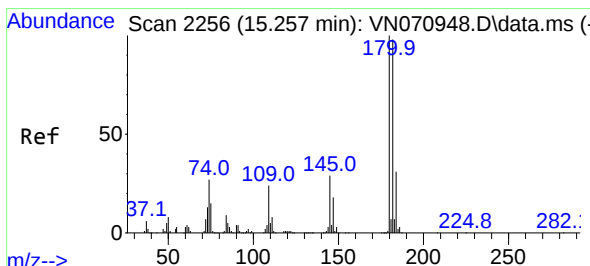
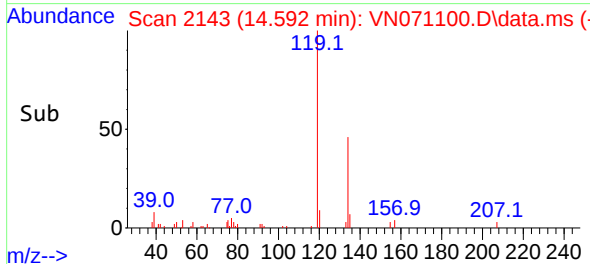
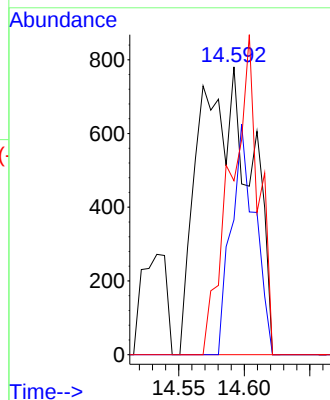
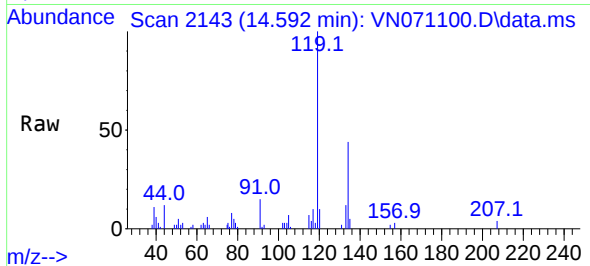




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.171 ug/l
RT: 14.592 min Scan# 2144
Delta R.T. -0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

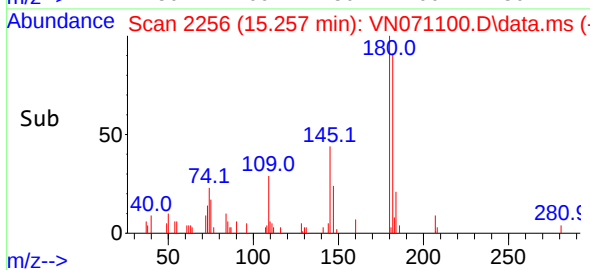
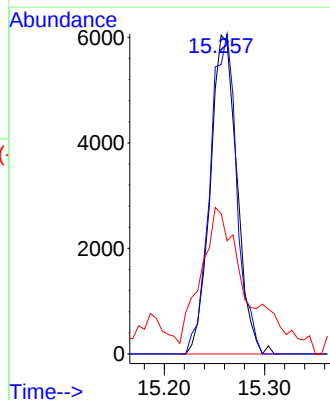
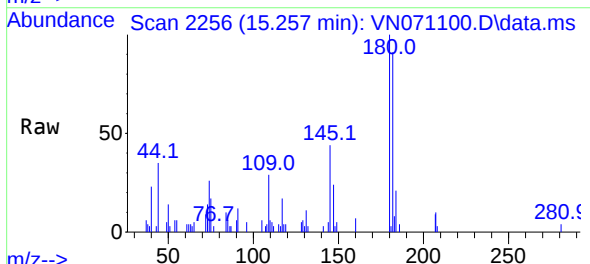
Instrument :
MSVOA_N
ClientSampleId :
MW-39

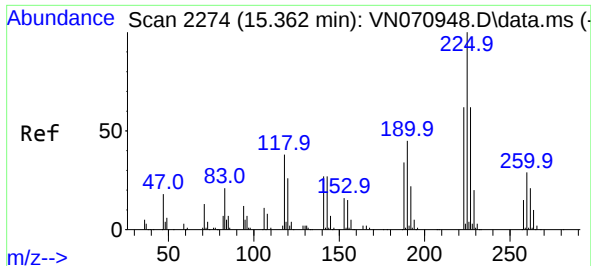
Tgt Ion: 75 Resp: 2161
Ion Ratio Lower Upper
75 100
155 36.2 46.9 140.7#
157 60.1 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.305 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion: 180 Resp: 11154
Ion Ratio Lower Upper
180 100
182 101.0 48.3 144.9
145 81.8 14.5 43.5#

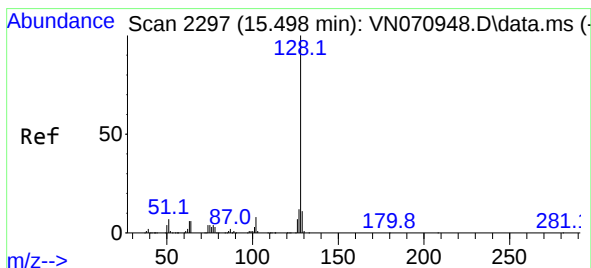
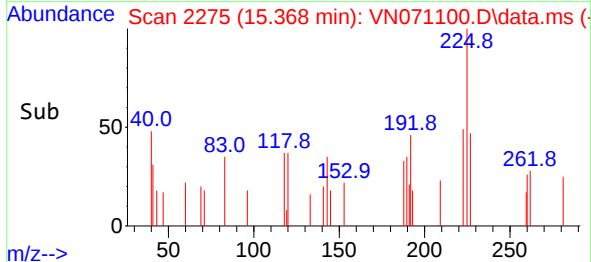
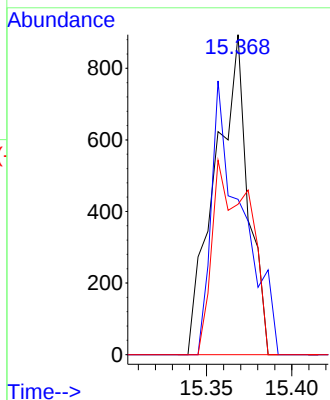
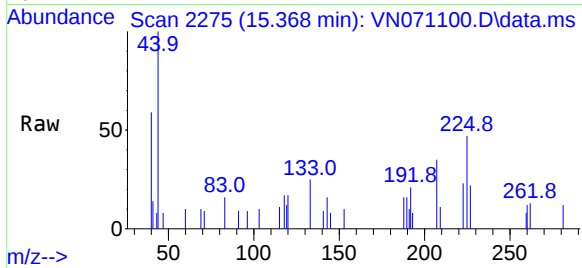




#94
Hexachlorobutadiene
Concen: 0.226 ug/l
RT: 15.368 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

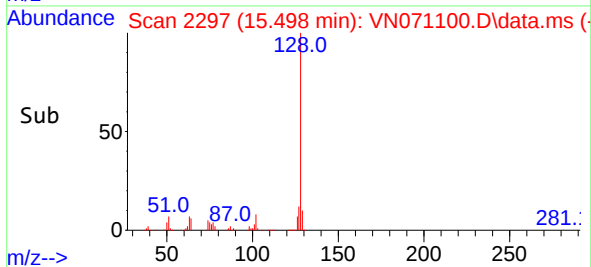
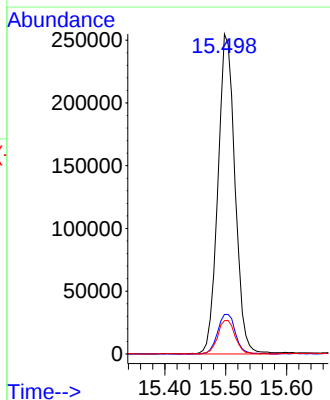
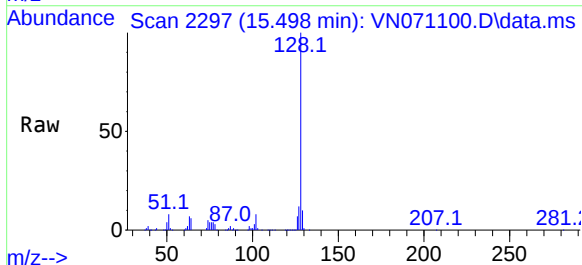
Instrument :
MSVOA_N
ClientSampleId :
MW-39

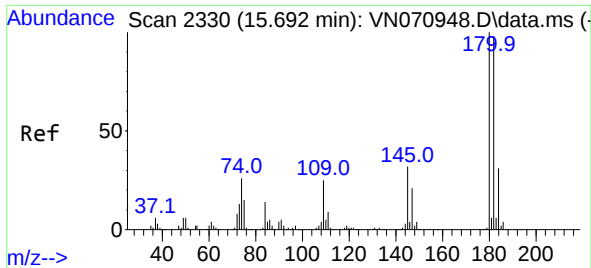
Tgt Ion:225 Resp: 1203
Ion Ratio Lower Upper
225 100
223 78.9 31.9 95.7
227 67.3 32.1 96.3



#95
Naphthalene
Concen: 27.447 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071100.D
Acq: 28 Feb 2022 17:32

Tgt Ion:128 Resp: 496779
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.156 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071100.D
 Acq: 28 Feb 2022 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.2
145	55.8	15.0	45.1#

