

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073683.D
 Acq On : 02 Aug 2022 13:33
 Operator : JC\MD
 Sample : N3971-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R

Quant Time: Aug 03 02:05:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	411808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	643300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	622395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	365637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	224503	44.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	7.951	113	211536	52.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.740%
50) Toluene-d8	10.380	98	738492	46.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.674	95	314463	57.532	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.060%

Target Compounds					Qvalue	
3) Chloromethane	2.228	50	66284	11.898	ug/l #	71
5) Bromomethane	2.828	94	1159	0.286	ug/l #	62
6) Chloroethane	2.698	64	19925	2.886	ug/l #	54
11) Tert butyl alcohol	5.287	59	21073	19.470	ug/l #	72
13) Acrolein	3.928	56	157992	147.242	ug/l #	1
14) Allyl chloride	4.875	41	83333	13.340	ug/l #	13
15) Acrylonitrile	5.528	53	7103	2.372	ug/l #	37
16) Acetone	4.234	43	68076	25.255	ug/l	96
17) Carbon Disulfide	4.463	76	2978	0.287	ug/l #	75
18) Methyl Acetate	4.845	43	23449	3.497	ug/l #	48
20) Methylene Chloride	4.875	84	16829	1.732	ug/l #	9
23) Vinyl Acetate	6.381	43	12495	1.106	ug/l #	68
25) 2-Butanone	7.269	43	5320	1.271	ug/l #	64
28) Bromochloromethane	7.786	49	1145	0.329	ug/l #	8
29) Tetrahydrofuran	7.616	42	9218	3.483	ug/l	93
30) Chloroform	7.775	83	4513	0.522	ug/l #	18
31) Cyclohexane	8.028	56	166150	22.238	ug/l	98
36) 1,1-Dichloropropene	8.016	75	29613	5.144	ug/l #	48
37) Ethyl Acetate	7.339	43	68365	9.017	ug/l	97
38) Carbon Tetrachloride	8.022	117	39181	6.701	ug/l #	16
39) Methylcyclohexane	9.392	83	26989	3.923	ug/l	98
40) Benzene	8.392	78	707539	37.845	ug/l	99
41) Methacrylonitrile	7.622	41	7896	2.301	ug/l #	33
42) 1,2-Dichloroethane	8.392	62	6173	0.980	ug/l	83
43) Isopropyl Acetate	8.469	43	139597	13.631	ug/l #	57
48) Methyl methacrylate	9.469	41	15503	3.458	ug/l #	27
51) 4-Methyl-2-Pentanone	10.269	43	2897	0.394	ug/l	91
52) Toluene	10.445	92	2248940	196.939	ug/l	99
53) t-1,3-Dichloropropene	10.439	75	26358	4.286	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.904	63	1290	10.298	ug/l #	44
59) 2-Hexanone	11.027	43	3350	0.602	ug/l	87
67) Ethyl Benzene	11.786	91	10711683	480.278	ug/l	97
68) m/p-Xylenes	11.892	106	10798038	1269.401	ug/l	83
69) o-Xylene	12.221	106	2205099	265.894	ug/l	98
70) Styrene	12.221	104	110293	8.308	ug/l #	1
73) Isopropylbenzene	12.521	105	387777	14.488	ug/l	100

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

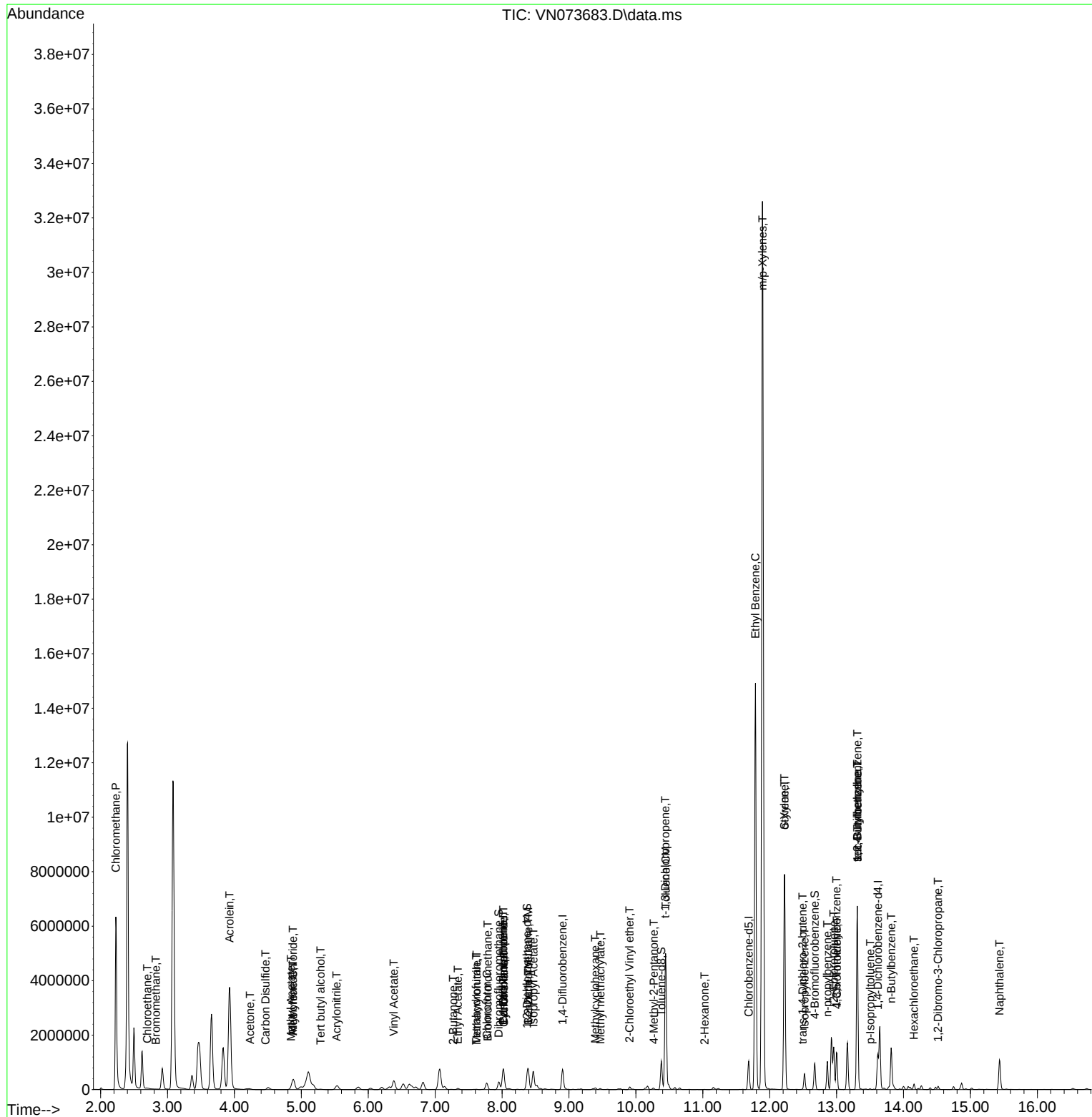
76) 1,2,3-Trichloropropane	12.863	75	5315	Below Cal #	1
78) n-propylbenzene	12.863	91	791894	26.294 ug/l	99
79) 2-Chlorotoluene	12.957	91	90300	4.804 ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	736784	33.450 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.492	75	6322	2.241 ug/l #	10
82) 4-Chlorotoluene	13.004	91	77599	4.356 ug/l #	40
83) tert-Butylbenzene	13.310	119	477410	24.470 ug/l #	68
84) 1,2,4-Trimethylbenzene	13.310	105	3778367	174.452 ug/l	99
85) sec-Butylbenzene	13.310	105	3778367	140.121 ug/l #	56
86) p-Isopropyltoluene	13.504	119	14912	0.702 ug/l #	76
89) n-Butylbenzene	13.815	91	147741	8.542 ug/l #	42
90) Hexachloroethane	14.157	117	11106	2.633 ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.515	75	595	0.287 ug/l #	1
95) Naphthalene	15.433	128	1015160	48.862 ug/l	100

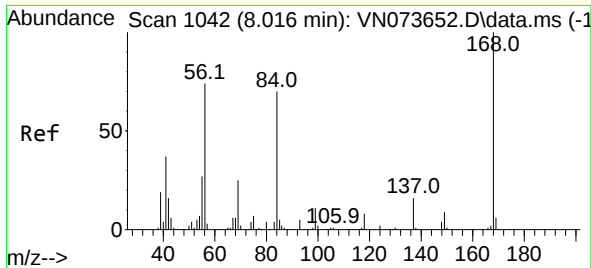
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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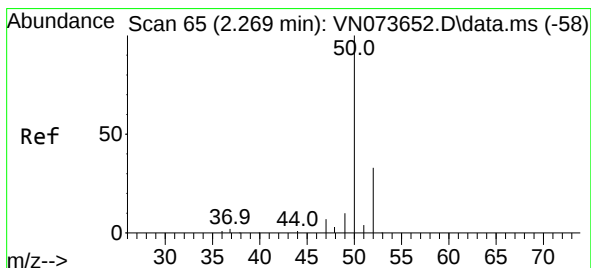
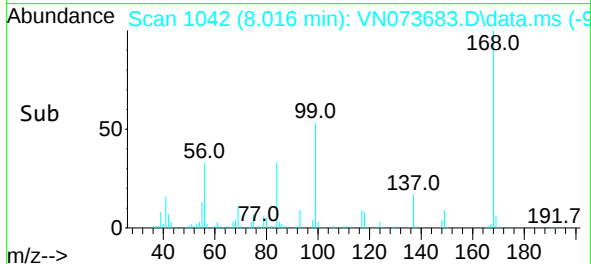
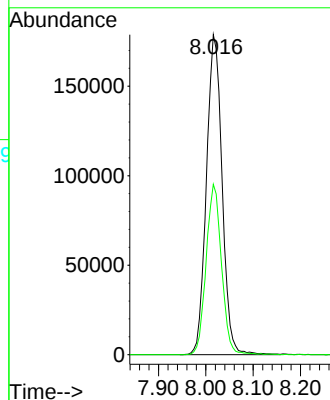
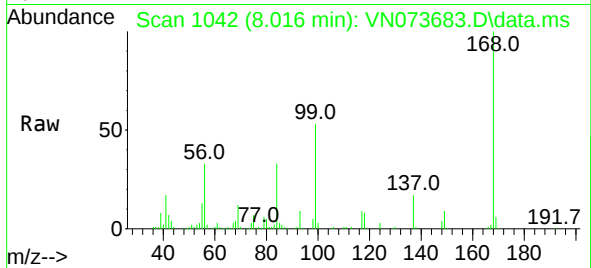




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073683.D
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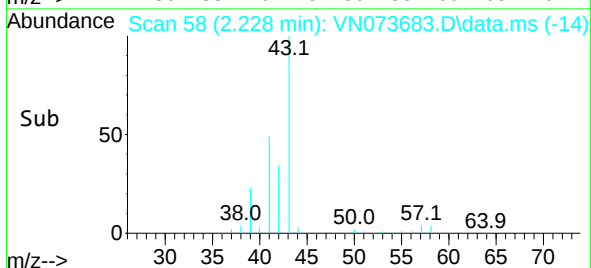
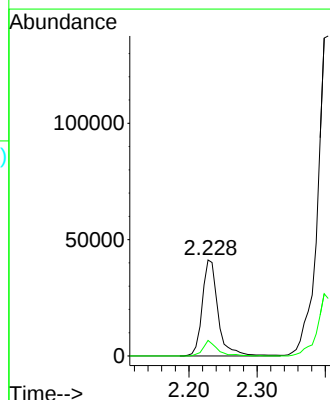
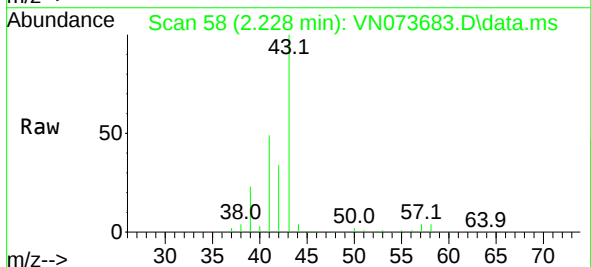
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ClientSampleId :
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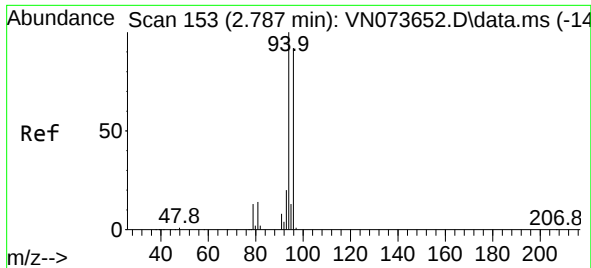
Tgt Ion:168 Resp: 411808
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#3
Chloromethane
Concen: 11.898 ug/l
RT: 2.228 min Scan# 58
Delta R.T. -0.041 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 50 Resp: 66284
Ion Ratio Lower Upper
50 100
52 16.1 25.7 38.5#

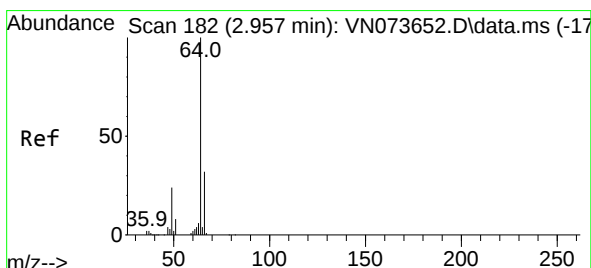
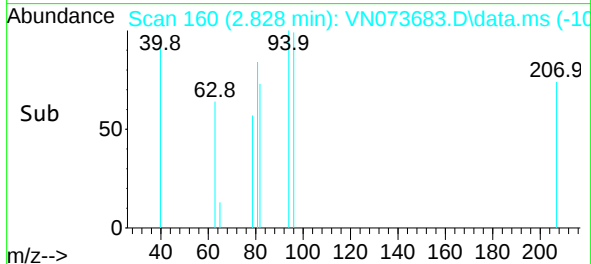
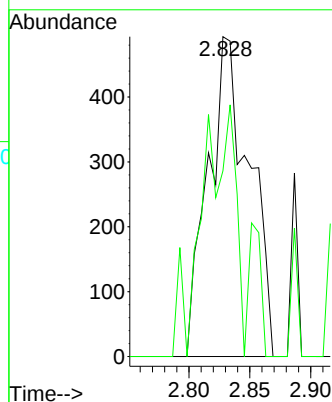
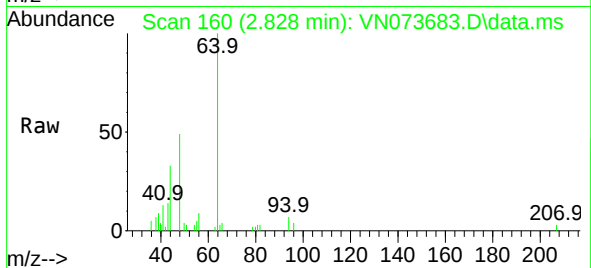




#5
Bromomethane
Concen: 0.286 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

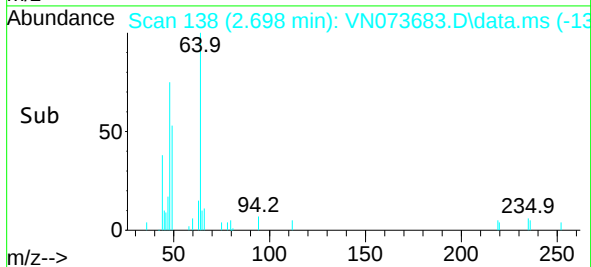
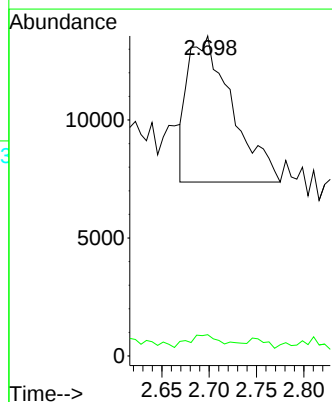
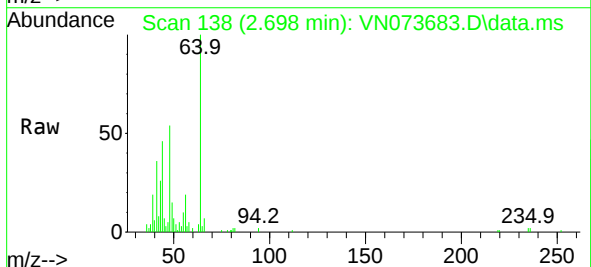
Instrument :
MSVOA_N
ClientSampleId :
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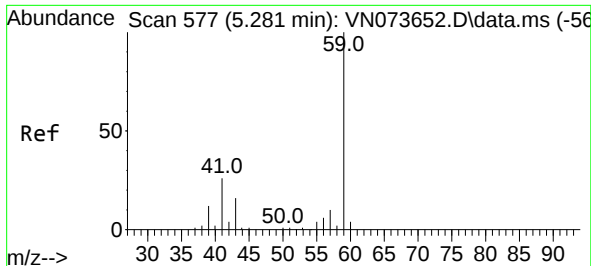
Tgt Ion: 94 Resp: 1159
Ion Ratio Lower Upper
94 100
96 58.0 76.0 114.0#



#6
Chloroethane
Concen: 2.886 ug/l
RT: 2.698 min Scan# 138
Delta R.T. -0.259 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 64 Resp: 19925
Ion Ratio Lower Upper
64 100
66 6.8 26.2 39.4#

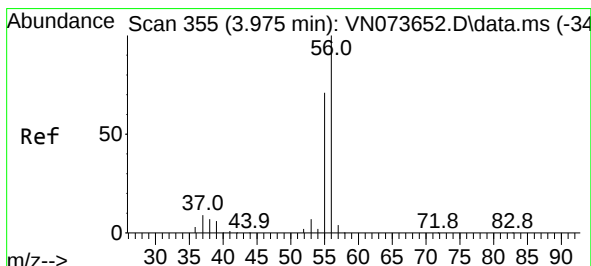
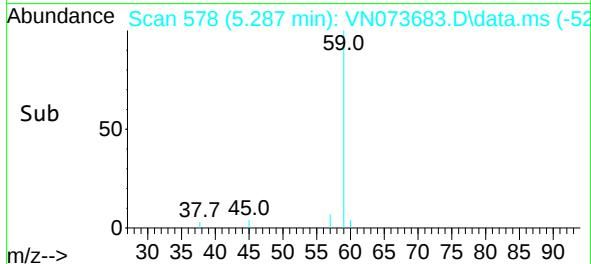
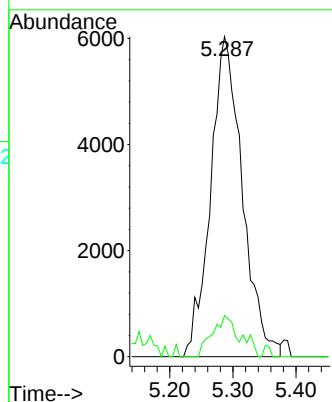
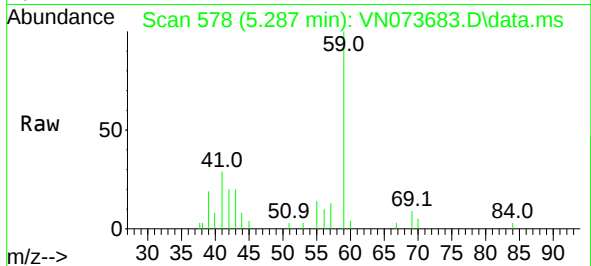




#11
Tert butyl alcohol
Concen: 19.470 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

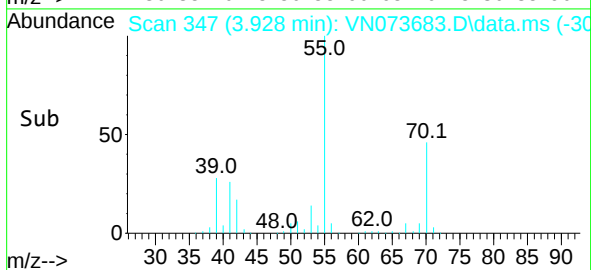
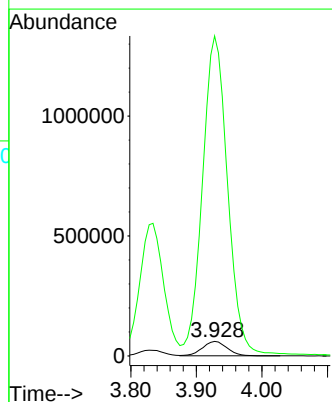
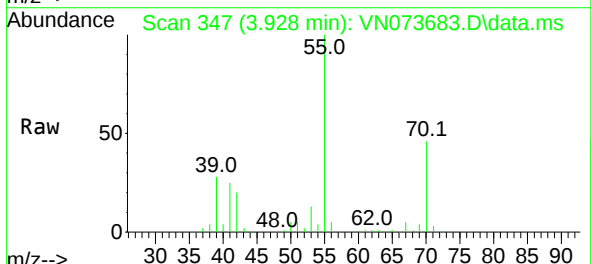
Instrument :
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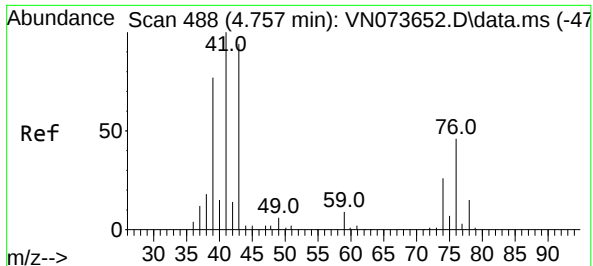
Tgt Ion: 59 Resp: 21073
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 147.242 ug/l
RT: 3.928 min Scan# 347
Delta R.T. -0.053 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 56 Resp: 157992
Ion Ratio Lower Upper
56 100
55 2258.3 54.8 82.2#

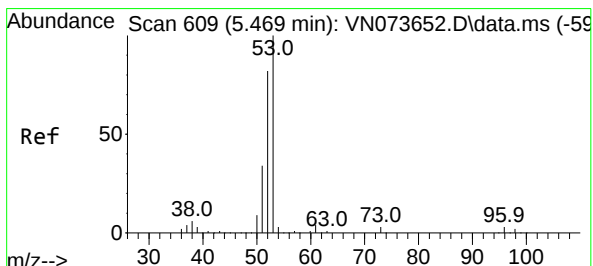
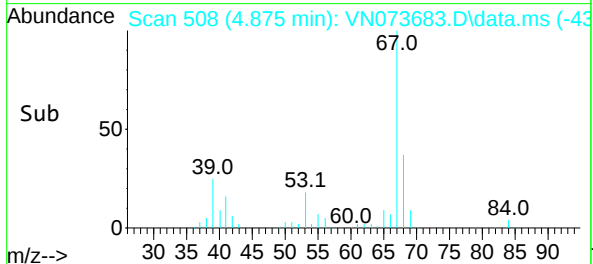
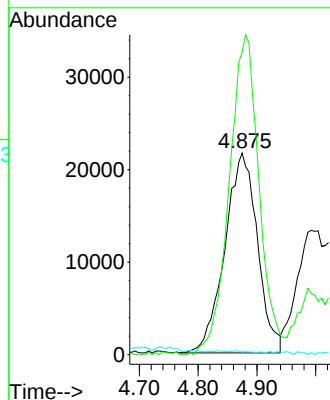
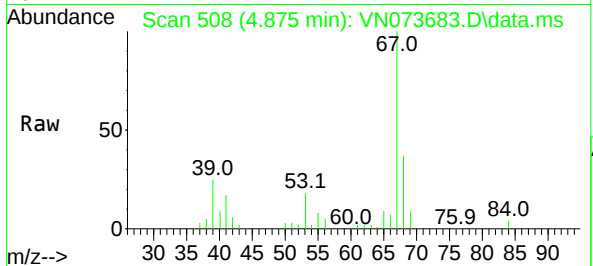




#14
 Allyl chloride
 Concen: 13.340 ug/l
 RT: 4.875 min Scan# 50
 Delta R.T. 0.112 min
 Lab File: VN073683.D
 Acq: 02 Aug 2022 13:33

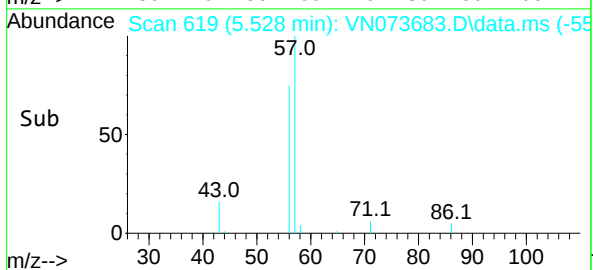
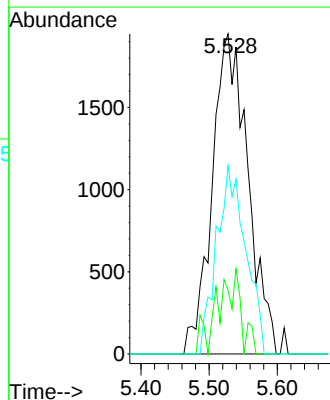
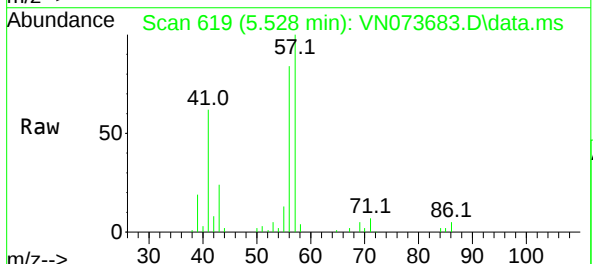
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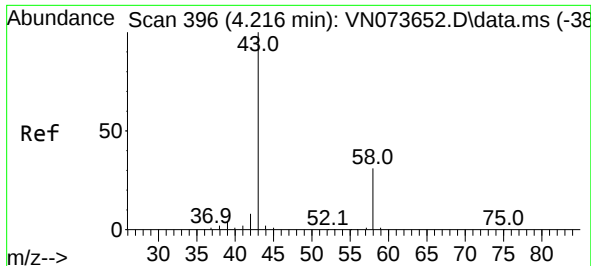
Tgt Ion: 41 Resp: 83333
 Ion Ratio Lower Upper
 41 100
 39 146.6 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 2.372 ug/l
 RT: 5.528 min Scan# 619
 Delta R.T. 0.053 min
 Lab File: VN073683.D
 Acq: 02 Aug 2022 13:33

Tgt Ion: 53 Resp: 7103
 Ion Ratio Lower Upper
 53 100
 52 9.6 66.4 99.6#
 51 47.8 28.5 42.7#





#16

Acetone

Concen: 25.255 ug/l

RT: 4.234 min Scan# 396

Delta R.T. 0.012 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

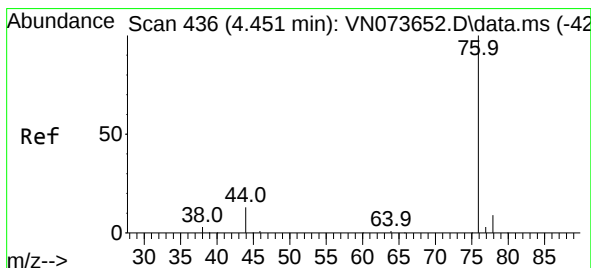
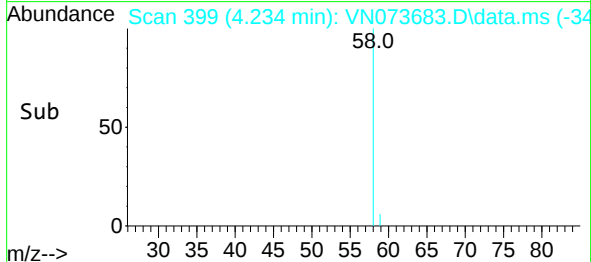
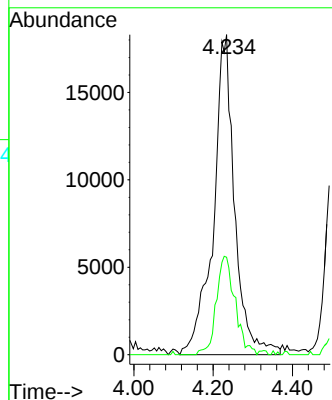
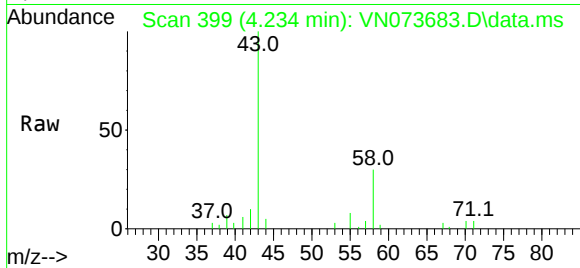
MW-9R

Tgt Ion: 43 Resp: 68076

Ion Ratio Lower Upper

43 100

58 30.4 26.0 39.0



#17

Carbon Disulfide

Concen: 0.287 ug/l

RT: 4.463 min Scan# 438

Delta R.T. 0.006 min

Lab File: VN073683.D

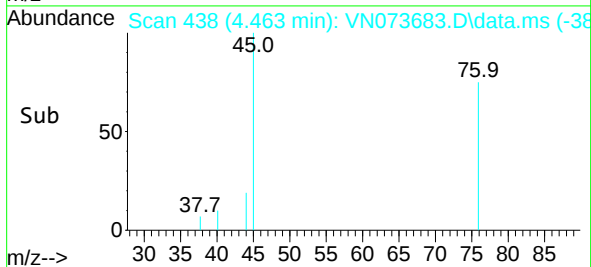
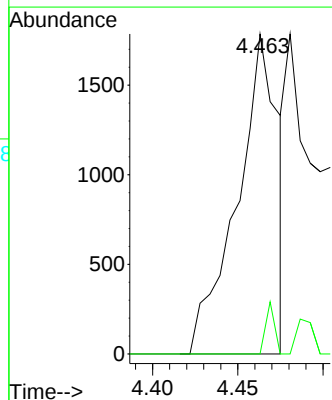
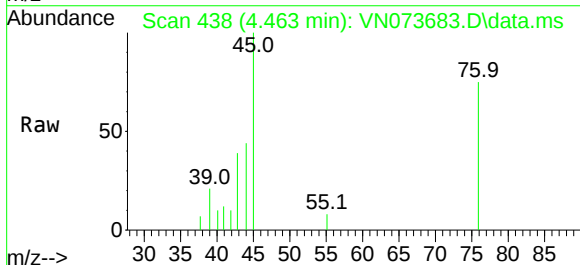
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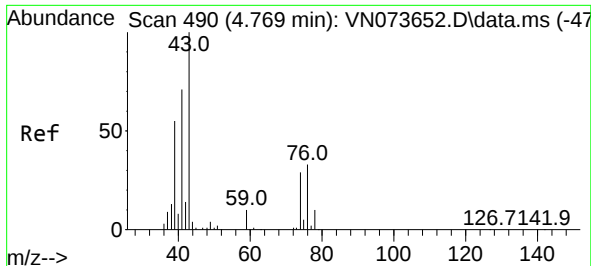
Tgt Ion: 76 Resp: 2978

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

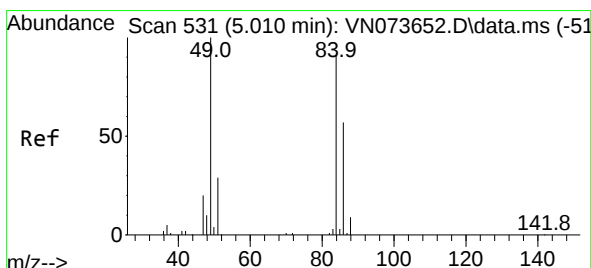
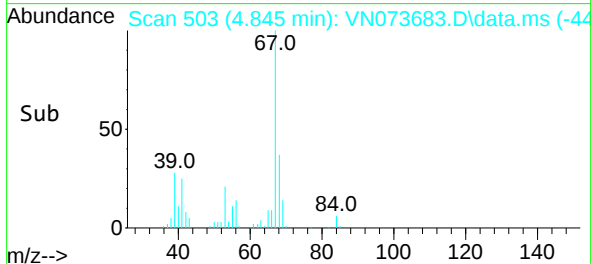
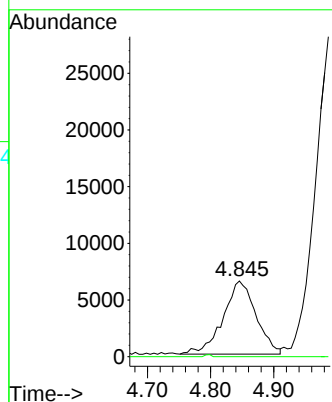
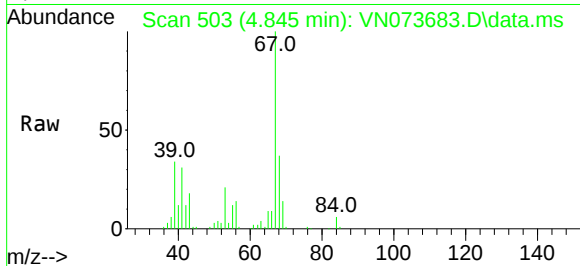




#18
Methyl Acetate
Concen: 3.497 ug/l
RT: 4.845 min Scan# 503
Delta R.T. 0.065 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

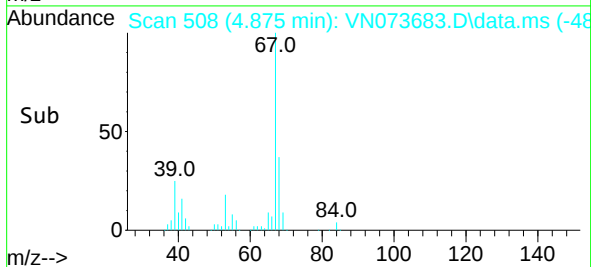
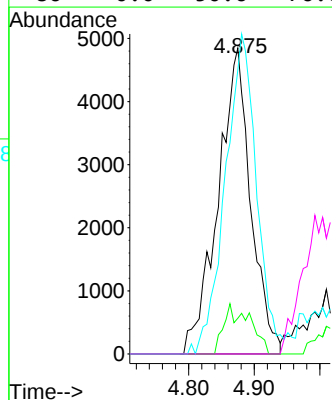
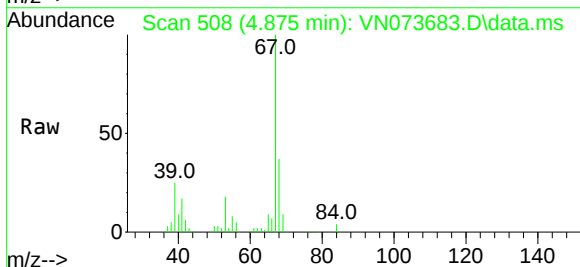
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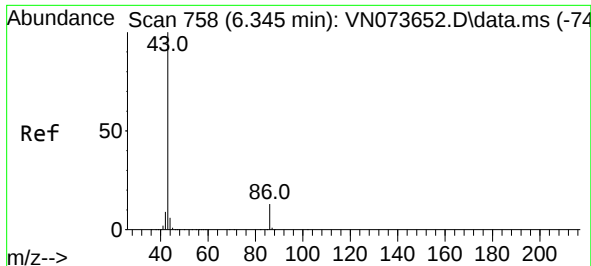
Tgt Ion: 43 Resp: 23449
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 1.732 ug/l
RT: 4.875 min Scan# 508
Delta R.T. -0.135 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 84 Resp: 16829
Ion Ratio Lower Upper
84 100
49 11.7 88.3 132.5#
51 92.7 28.2 42.2#
86 0.0 50.6 76.0#

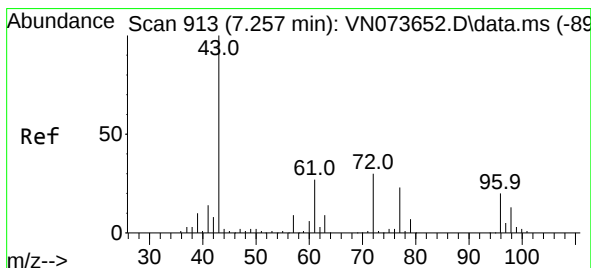
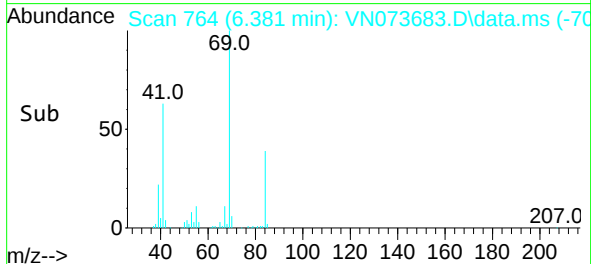
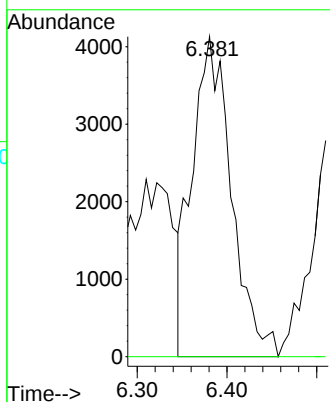
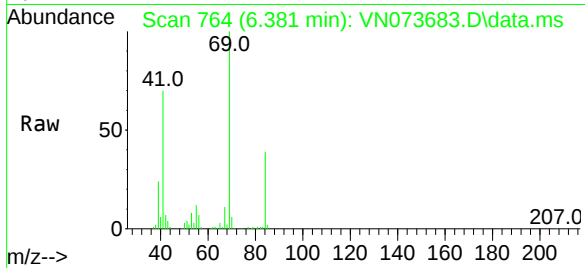




#23
 Vinyl Acetate
 Concen: 1.106 ug/l
 RT: 6.381 min Scan# 71
 Delta R.T. 0.030 min
 Lab File: VN073683.D
 Acq: 02 Aug 2022 13:33

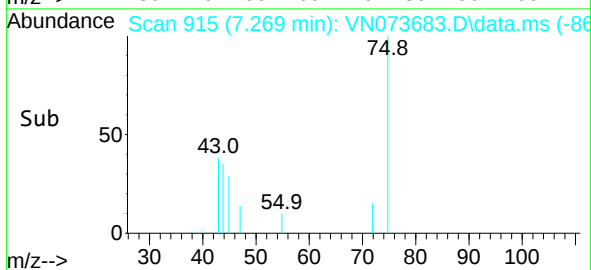
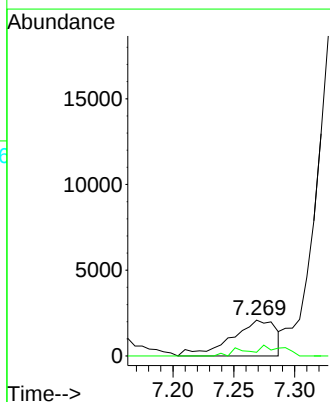
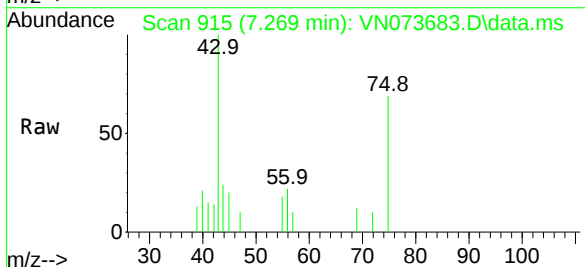
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R

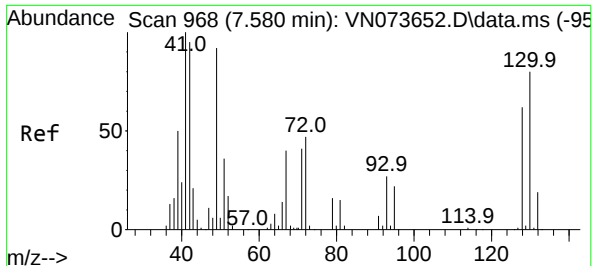
Tgt Ion: 43 Resp: 12495
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 1.271 ug/l
 RT: 7.269 min Scan# 915
 Delta R.T. 0.012 min
 Lab File: VN073683.D
 Acq: 02 Aug 2022 13:33

Tgt Ion: 43 Resp: 5320
 Ion Ratio Lower Upper
 43 100
 72 10.4 23.7 35.5#

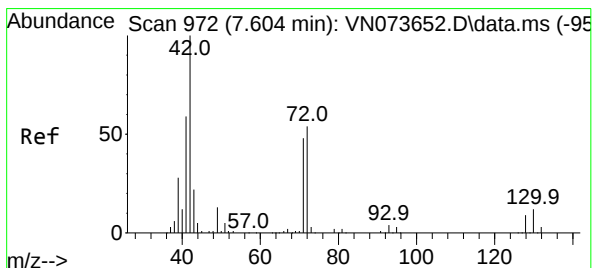
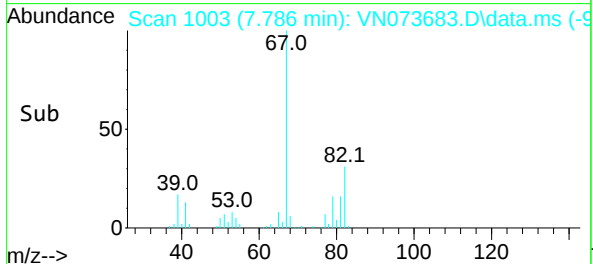
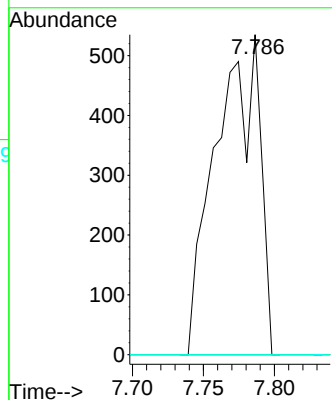
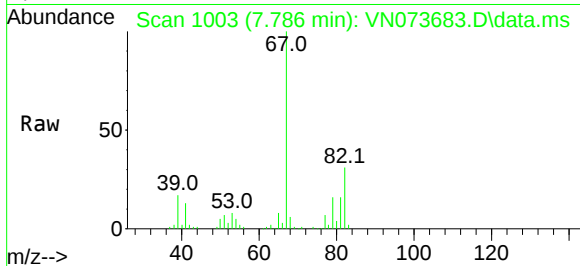




#28
Bromochloromethane
Concen: 0.329 ug/l
RT: 7.786 min Scan# 10
Delta R.T. 0.200 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

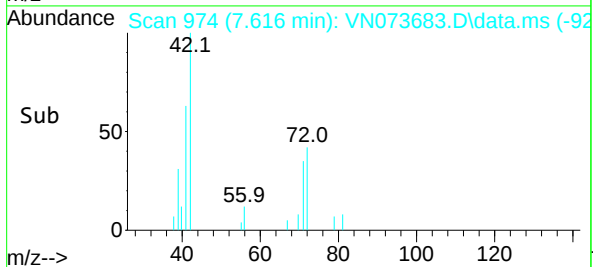
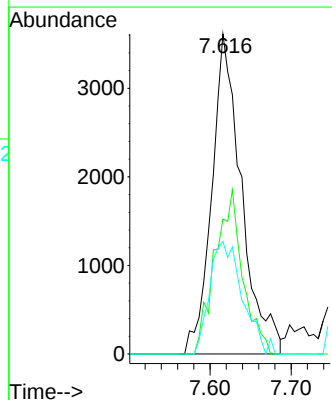
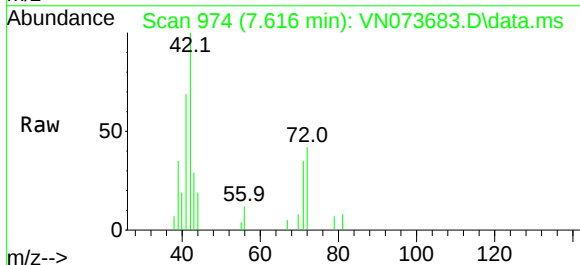
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

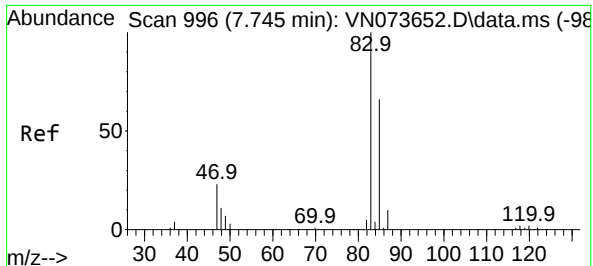
Tgt Ion: 49 Resp: 1145
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 3.483 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 42 Resp: 9218
Ion Ratio Lower Upper
42 100
72 47.9 39.7 59.5
71 38.6 36.6 55.0





#30

Chloroform

Concen: 0.522 ug/l

RT: 7.775 min Scan# 1001

Delta R.T. 0.029 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

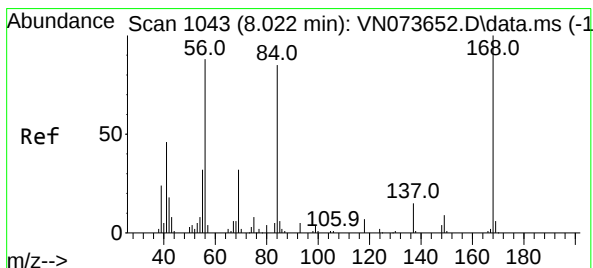
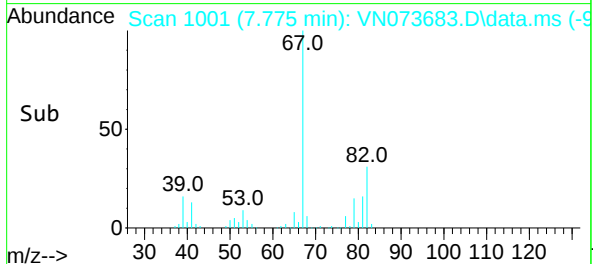
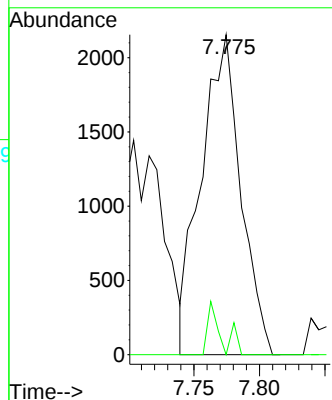
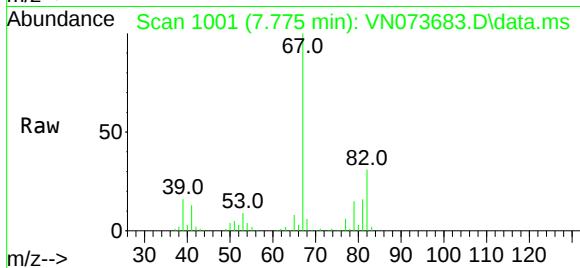
MW-9R

Tgt Ion: 83 Resp: 4513

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#



#31

Cyclohexane

Concen: 22.238 ug/l

RT: 8.028 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

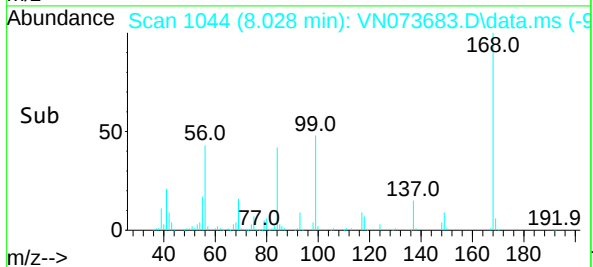
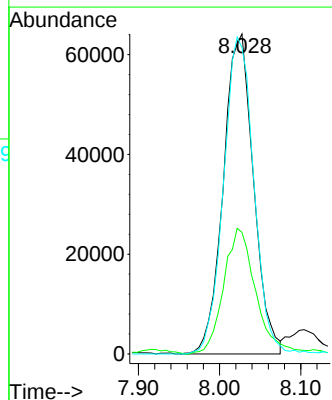
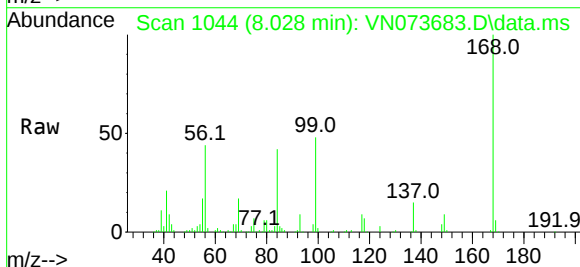
Tgt Ion: 56 Resp: 166150

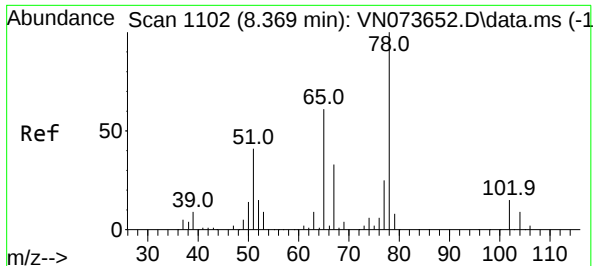
Ion Ratio Lower Upper

56 100

69 37.6 27.8 41.8

84 95.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.735 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

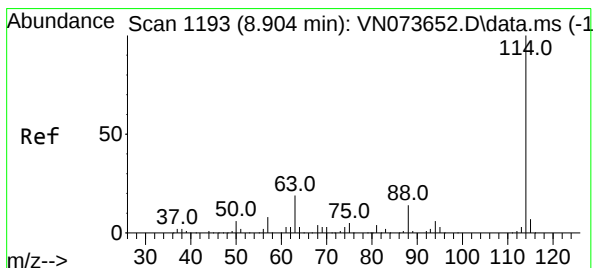
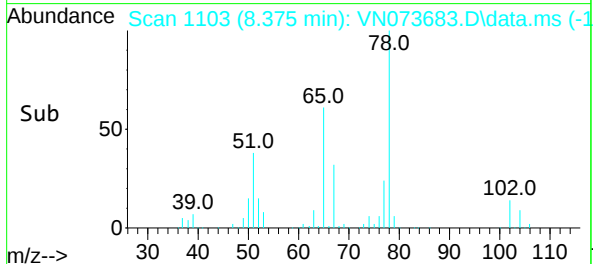
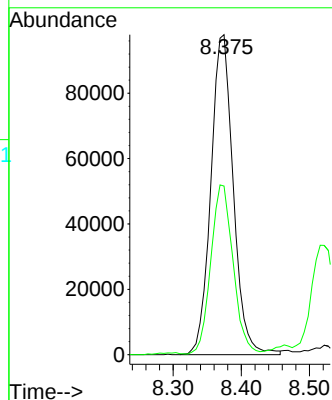
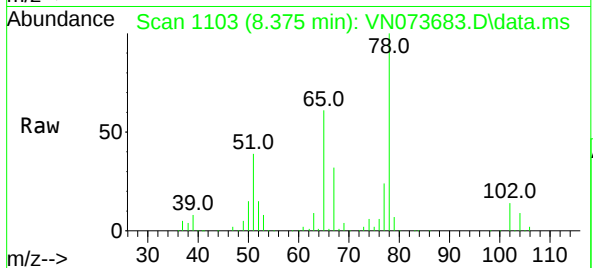
MW-9R

Tgt Ion: 65 Resp: 224503

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

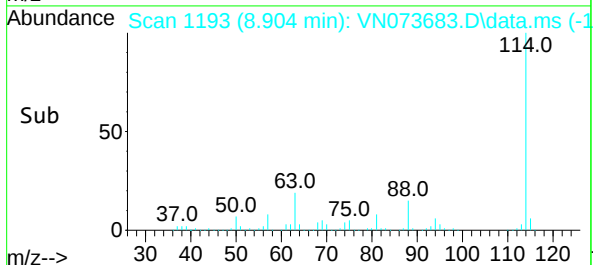
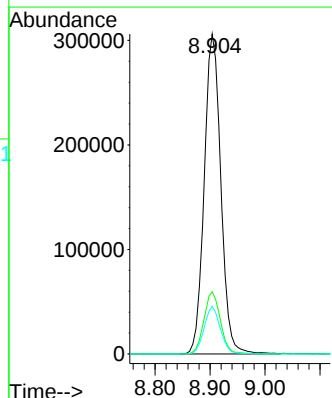
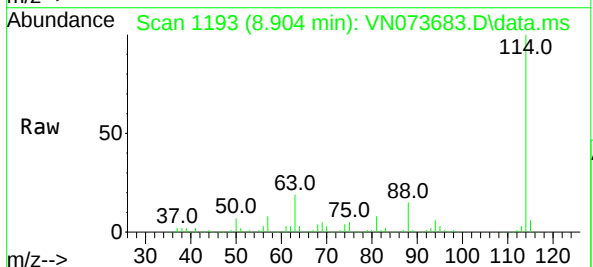
Tgt Ion: 114 Resp: 643300

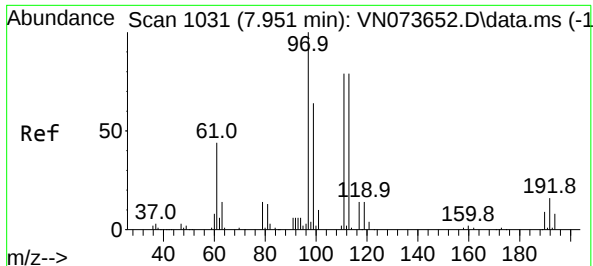
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

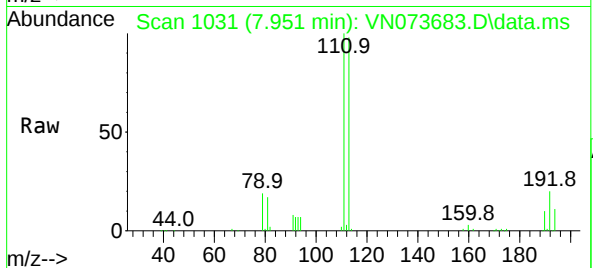
88 14.9 0.0 32.6



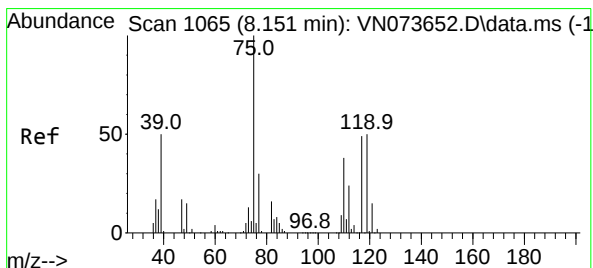
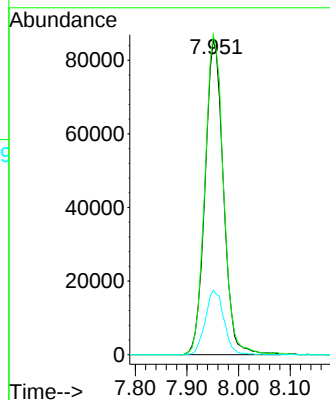
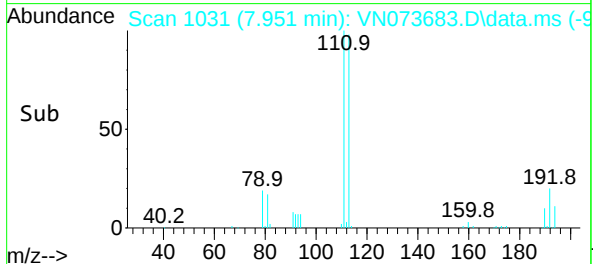


#35
Dibromofluoromethane
Concen: 52.367 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

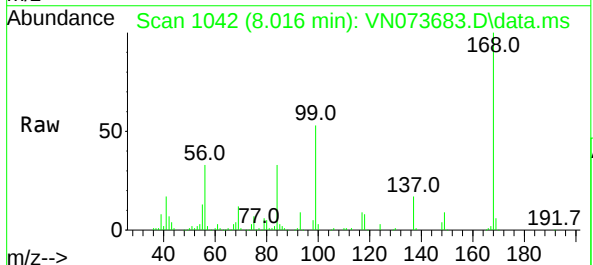
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



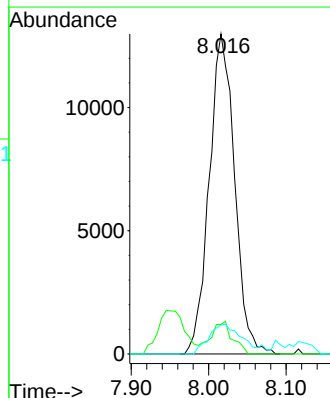
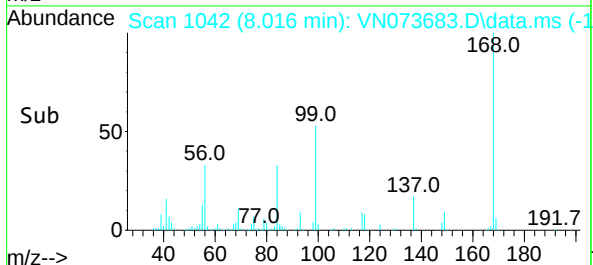
Tgt Ion:113 Resp: 211536
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 20.7 17.0 25.6

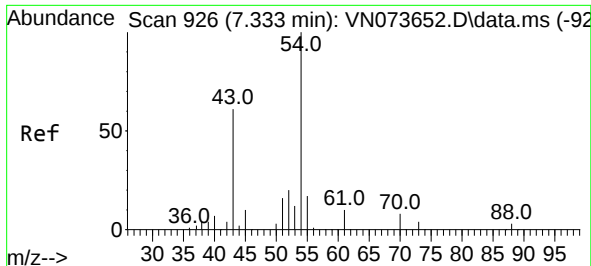


#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33



Tgt Ion: 75 Resp: 29613
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

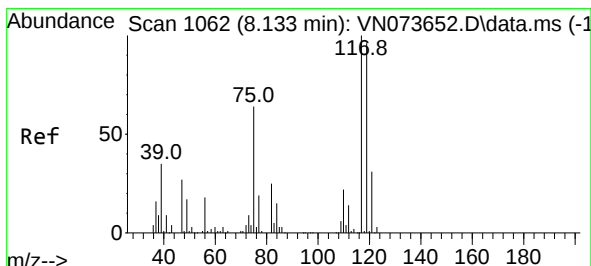
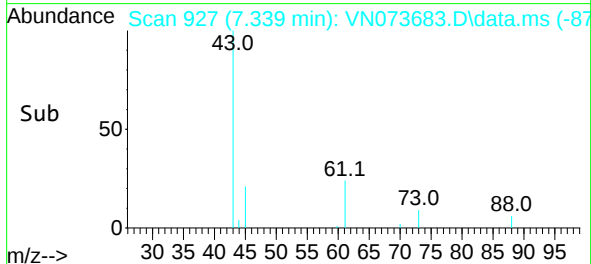
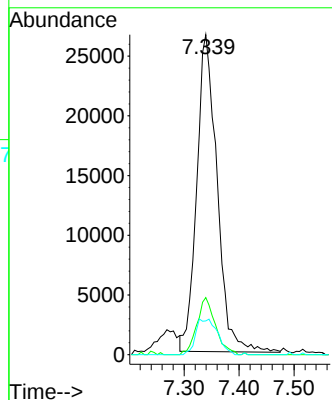
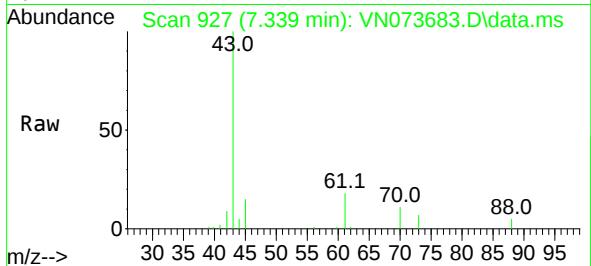




#37
Ethyl Acetate
Concen: 9.017 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

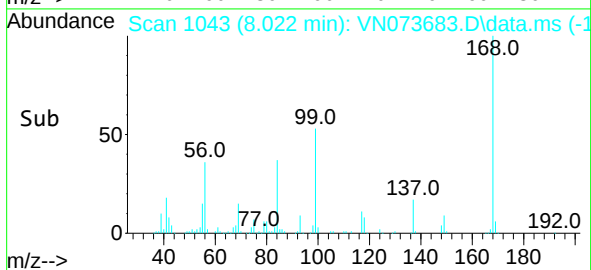
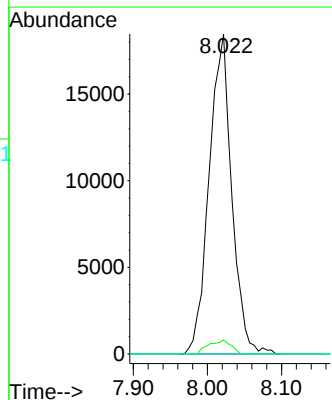
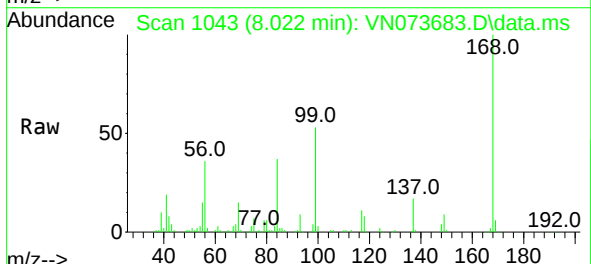
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

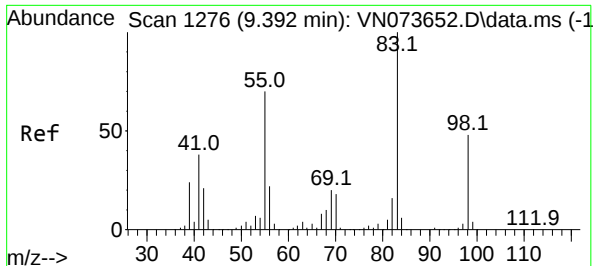
Tgt Ion: 43 Resp: 68365
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 12.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 6.701 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 117 Resp: 39181
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 3.923 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

MW-9R

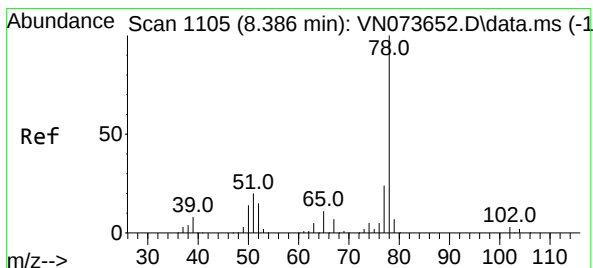
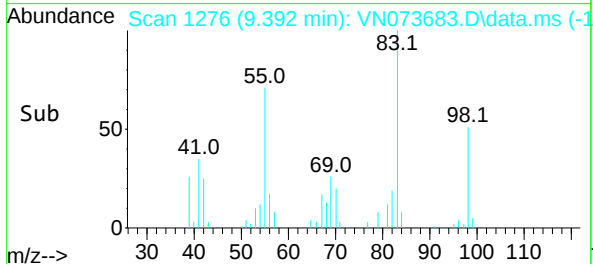
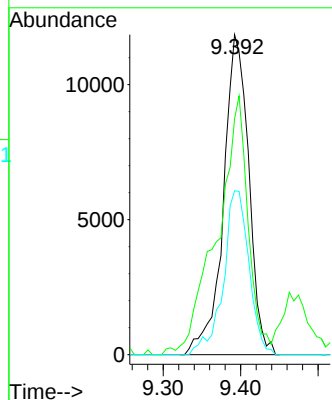
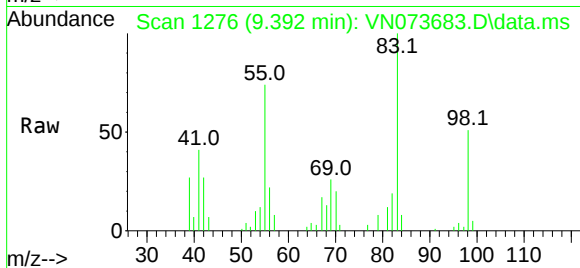
Tgt Ion: 83 Resp: 26989

Ion Ratio Lower Upper

83 100

55 71.1 57.8 86.8

98 51.2 39.4 59.2



#40

Benzene

Concen: 37.845 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073683.D

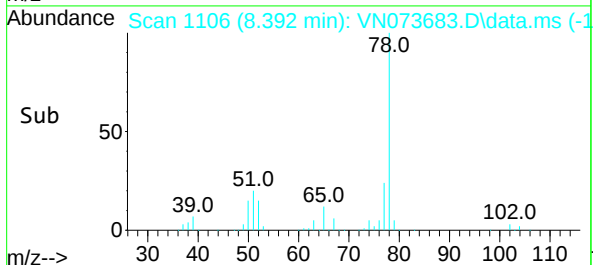
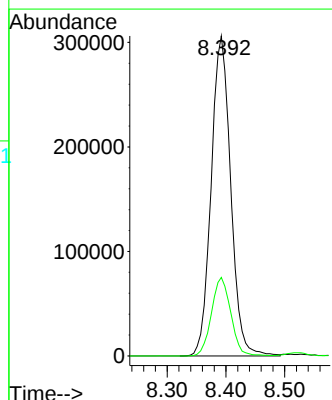
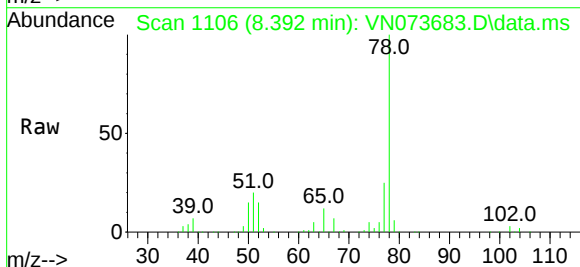
Acq: 02 Aug 2022 13:33

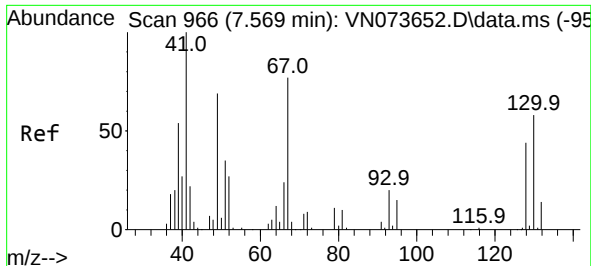
Tgt Ion: 78 Resp: 707539

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

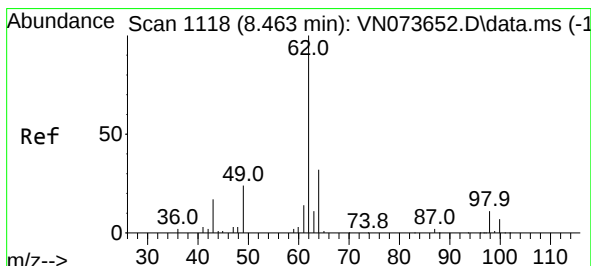
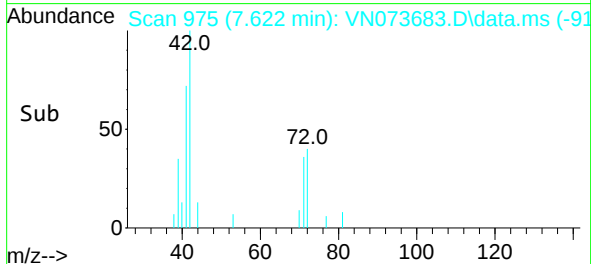
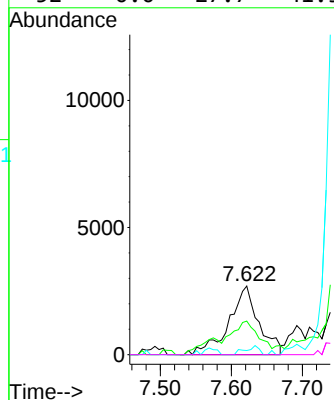
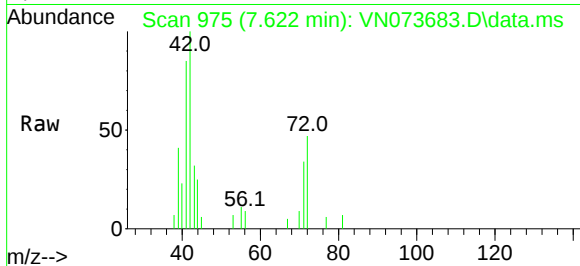




#41
Methacrylonitrile
Concen: 2.301 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.059 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

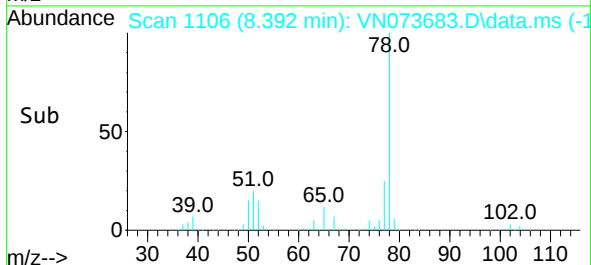
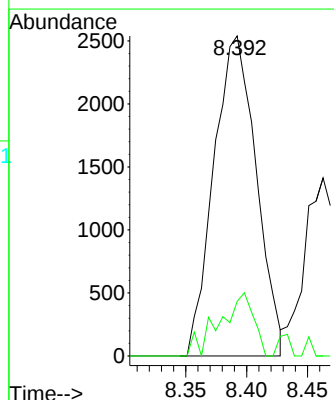
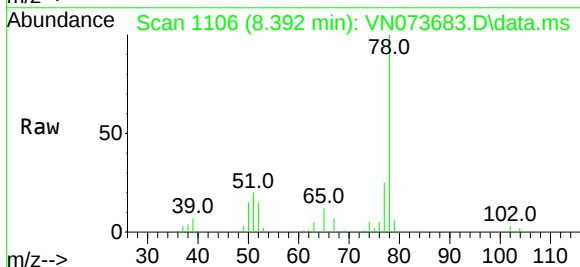
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

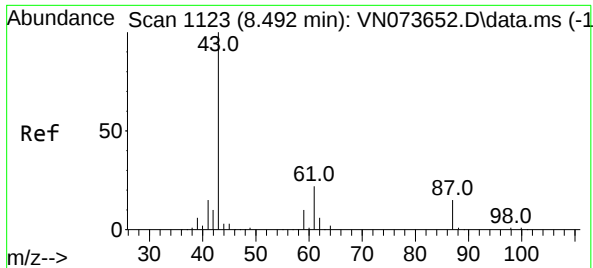
Tgt Ion: 41 Resp: 7896
Ion Ratio Lower Upper
41 100
39 39.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.980 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.071 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 62 Resp: 6173
Ion Ratio Lower Upper
62 100
98 15.8 0.0 19.4

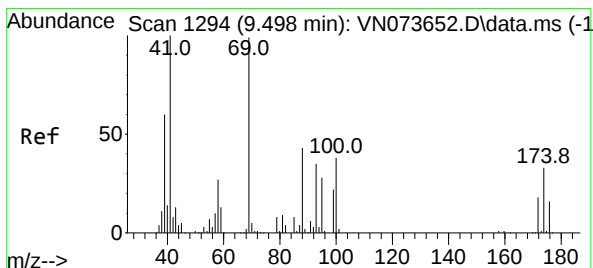
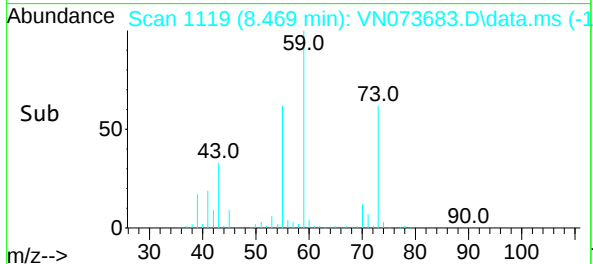
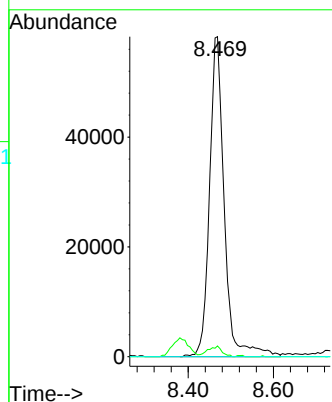
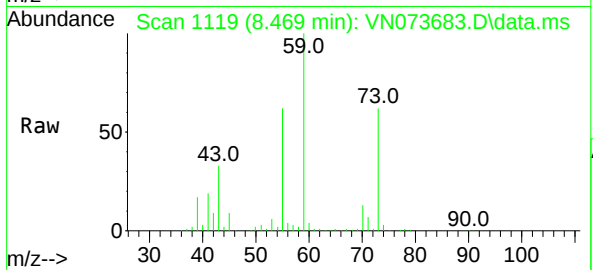




#43
Isopropyl Acetate
Concen: 13.631 ug/l
RT: 8.469 min Scan# 1123
Delta R.T. -0.024 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

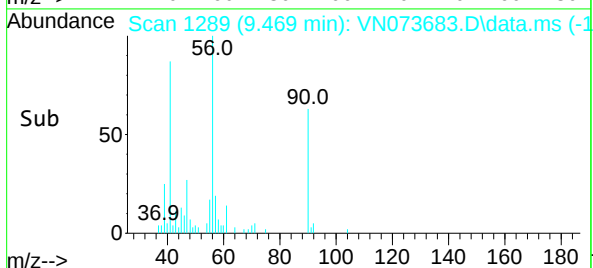
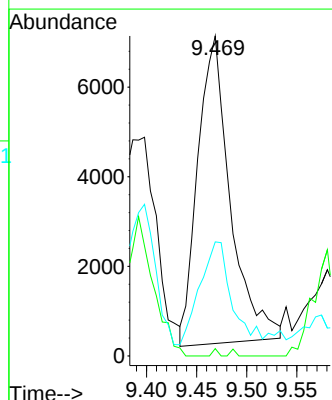
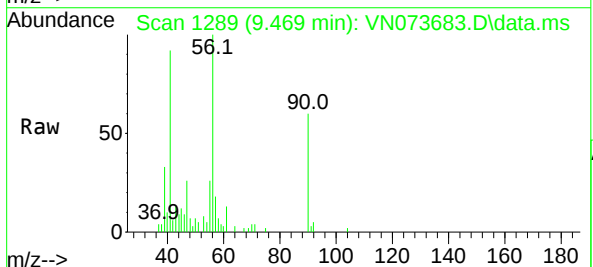
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

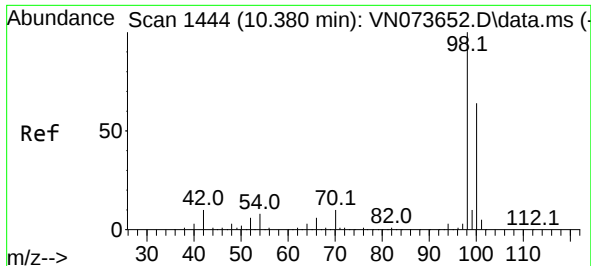
Tgt Ion: 43 Resp: 139597
Ion Ratio Lower Upper
43 100
61 3.1 21.9 32.9#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 3.458 ug/l
RT: 9.469 min Scan# 1289
Delta R.T. -0.030 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 41 Resp: 15503
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 32.4 45.6 68.4#

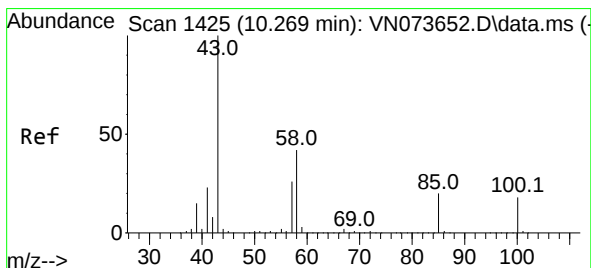
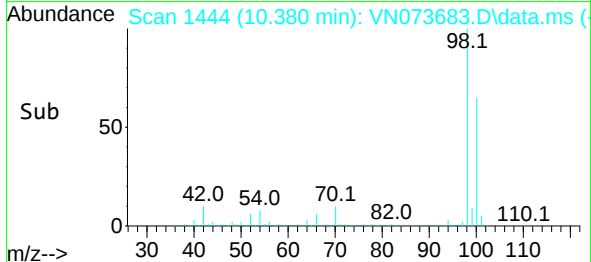
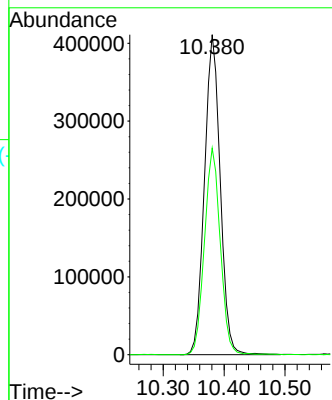
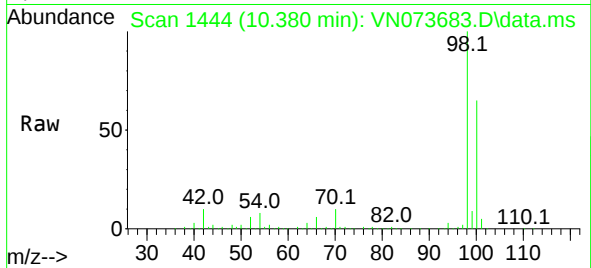




#50
Toluene-d8
Concen: 46.458 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

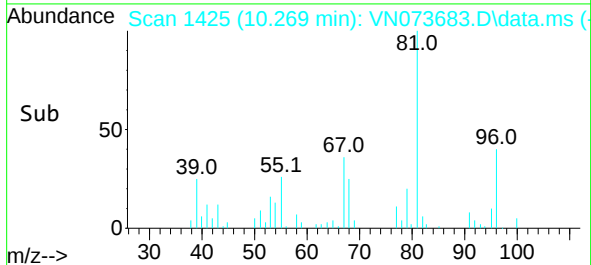
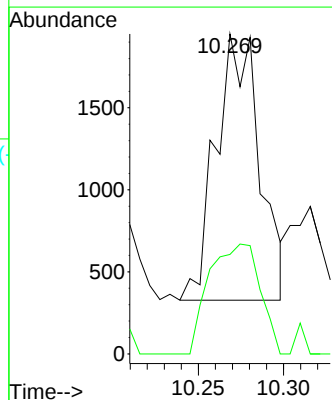
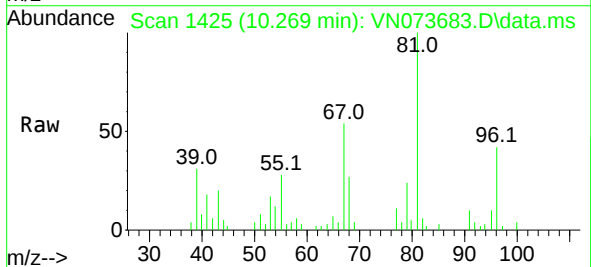
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

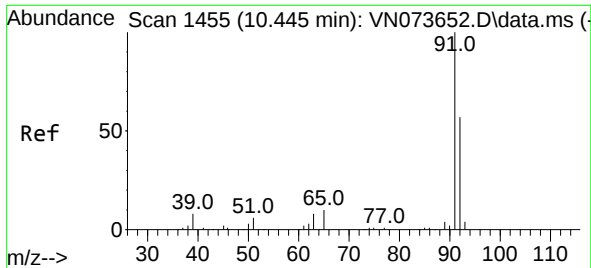
Tgt Ion: 98 Resp: 738492
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.394 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 43 Resp: 2897
Ion Ratio Lower Upper
43 100
58 48.1 34.1 51.1

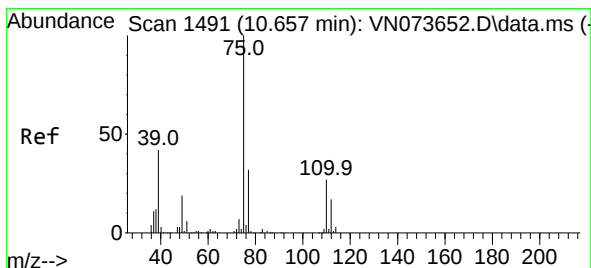
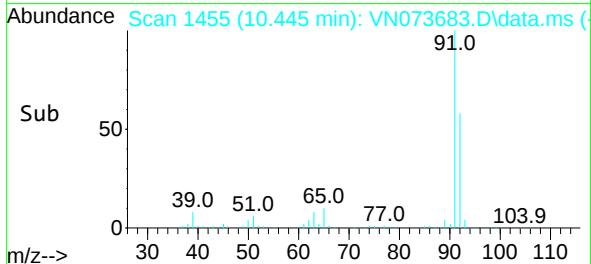
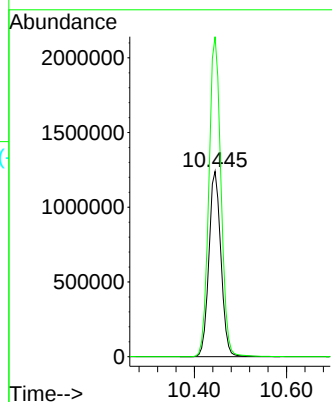
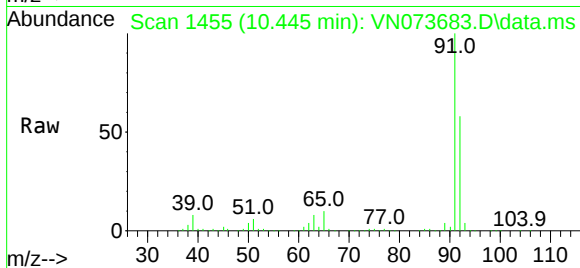




#52
Toluene
Concen: 196.939 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

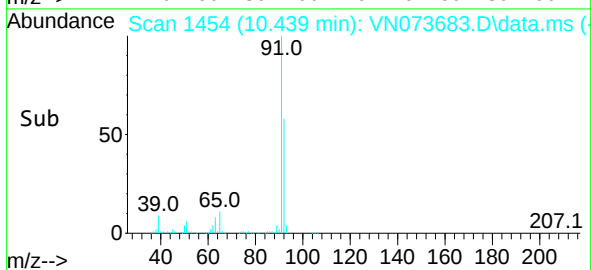
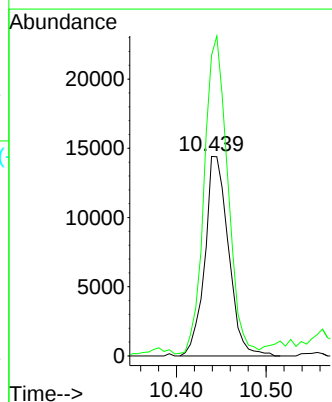
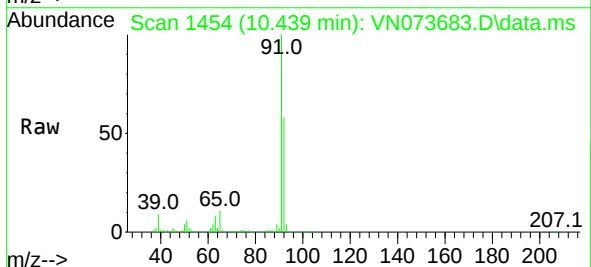
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

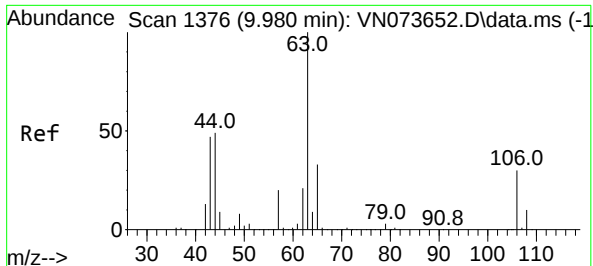
Tgt Ion: 92 Resp: 2248940
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 4.286 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.224 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 75 Resp: 26358
Ion Ratio Lower Upper
75 100
77 149.4 25.6 38.4#





#58

2-Chloroethyl Vinyl ether

Concen: 10.298 ug/l

RT: 9.904 min Scan# 1

Delta R.T. -0.076 min

Lab File: VN073683.D

Acq: 02 Aug 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

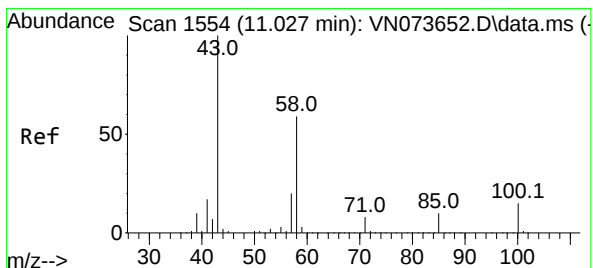
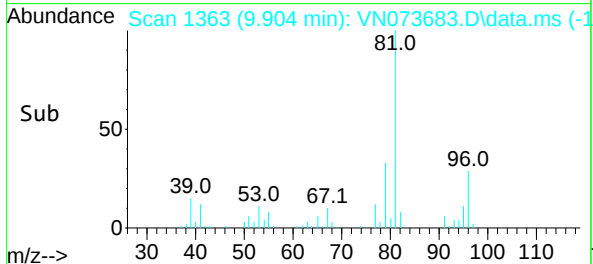
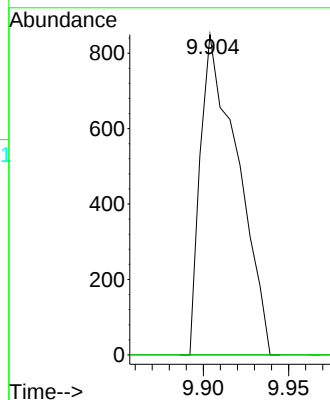
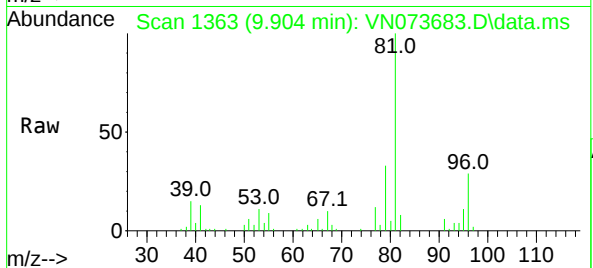
MW-9R

Tgt Ion: 63 Resp: 1290

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#



#59

2-Hexanone

Concen: 0.602 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN073683.D

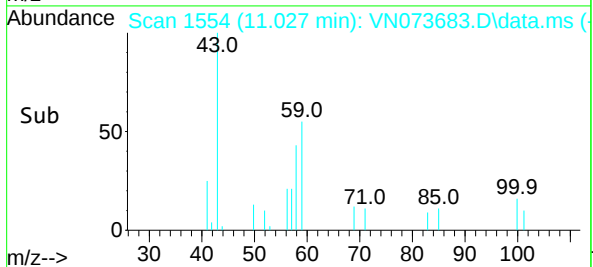
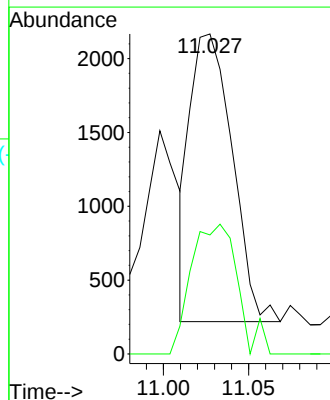
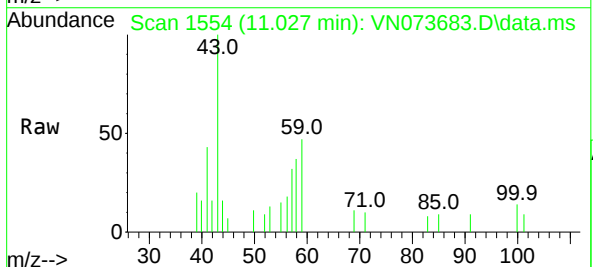
Acq: 02 Aug 2022 13:33

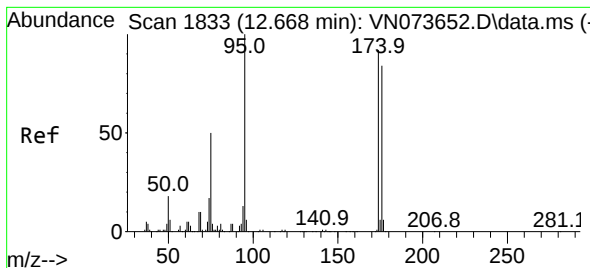
Tgt Ion: 43 Resp: 3350

Ion Ratio Lower Upper

43 100

58 49.6 29.7 89.1

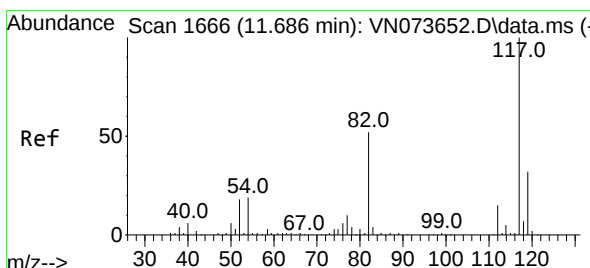
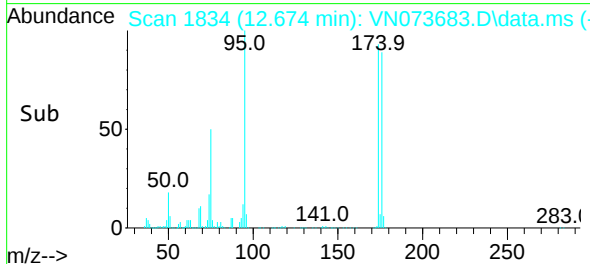
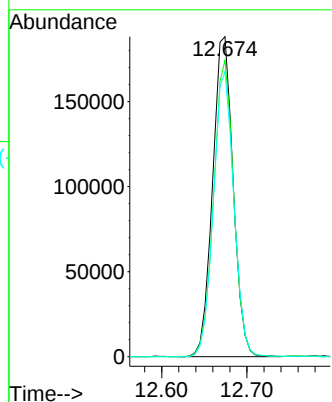
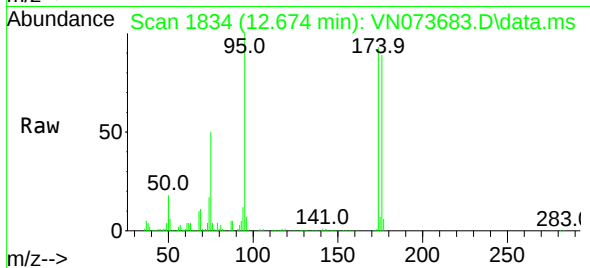




#62
4-Bromofluorobenzene
Concen: 57.532 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

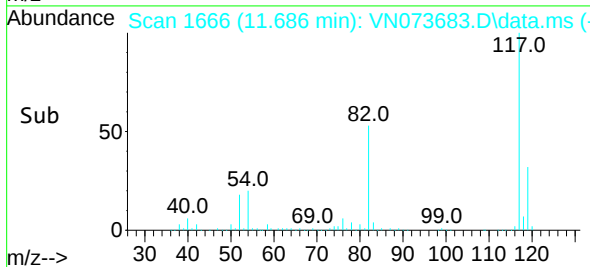
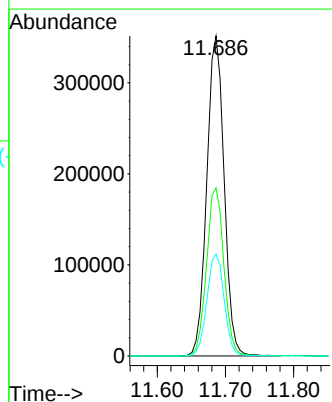
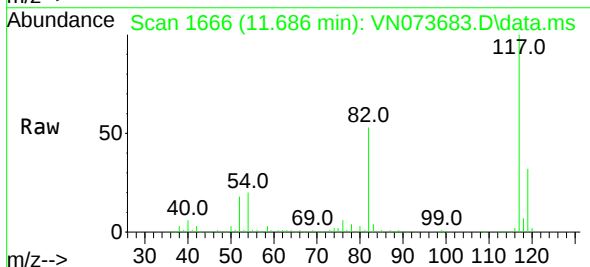
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

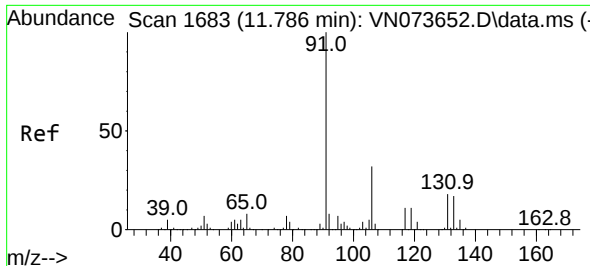
Tgt Ion: 95 Resp: 314463
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 88.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 117 Resp: 622395
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.8 25.4 38.0

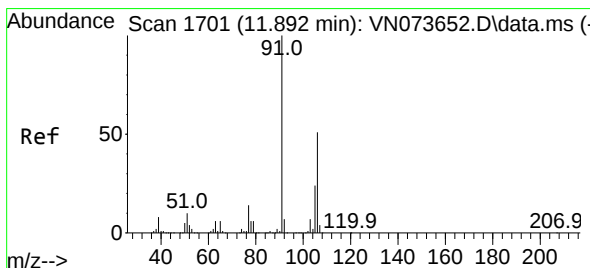
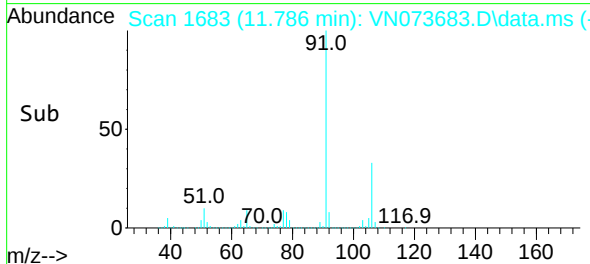
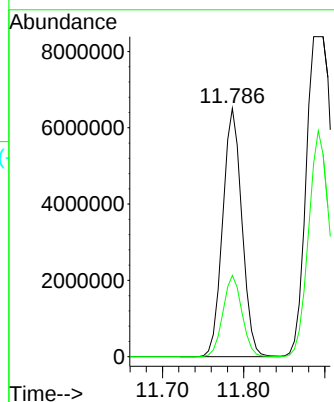
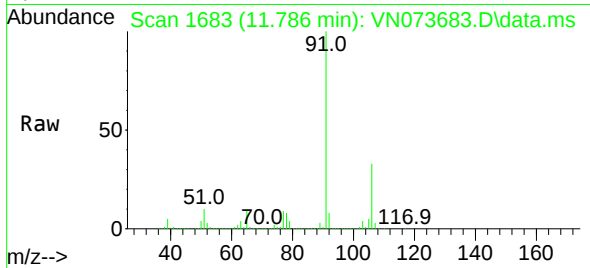




#67
Ethyl Benzene
Concen: 480.278 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

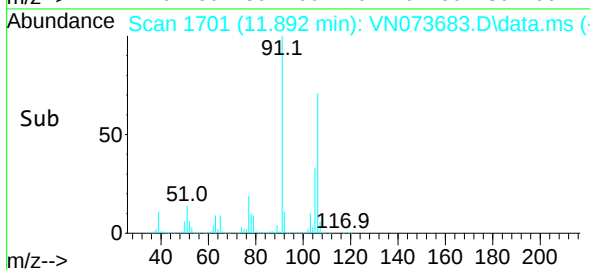
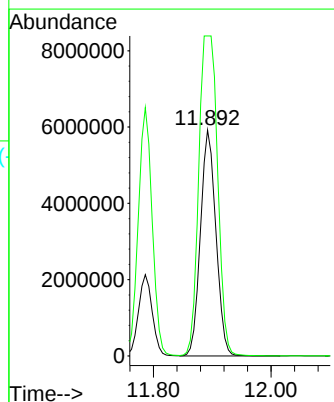
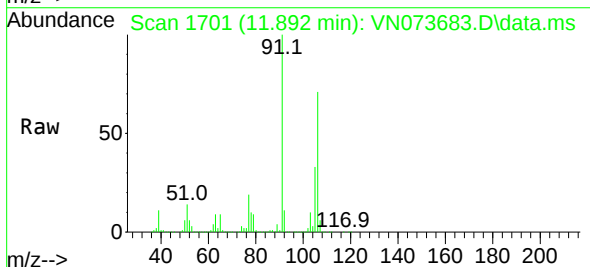
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

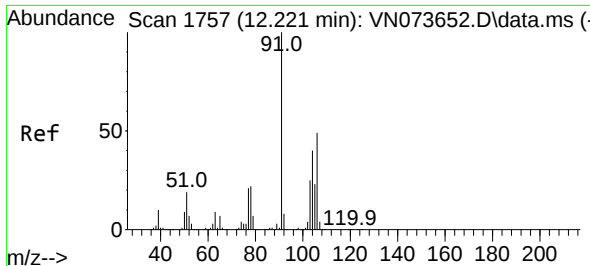
Tgt Ion: 91 Resp:10711683
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1269.401 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion:106 Resp:10798038
Ion Ratio Lower Upper
106 100
91 172.6 158.9 238.3

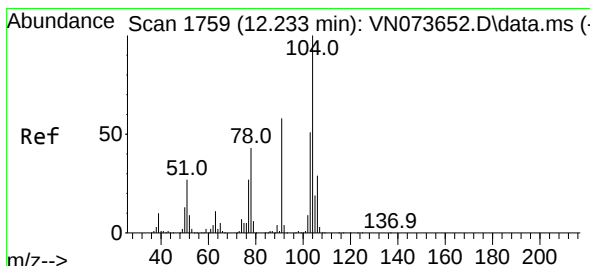
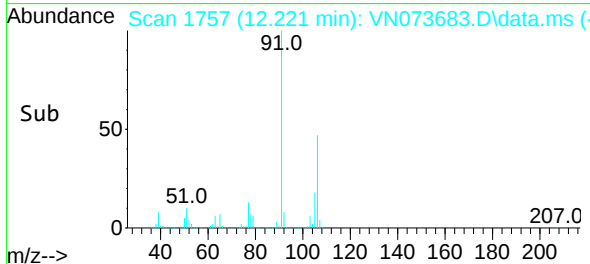
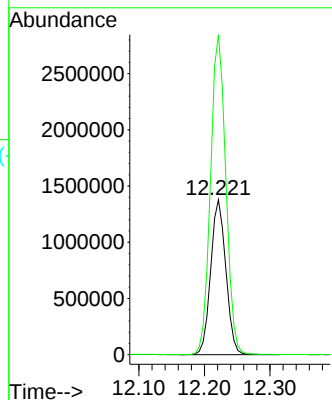
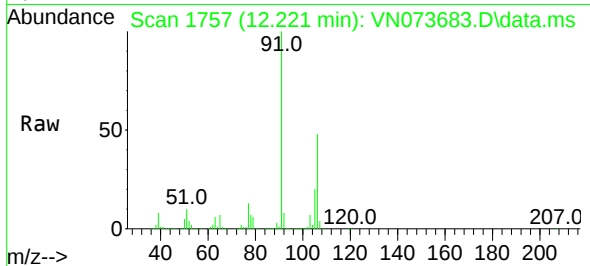




#69
o-Xylene
Concen: 265.894 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

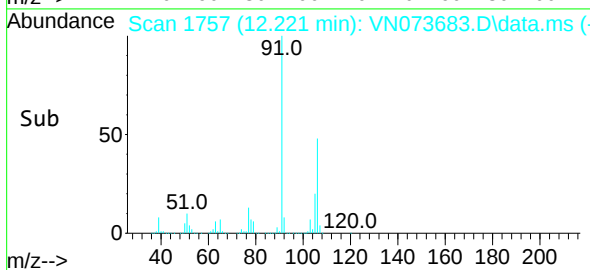
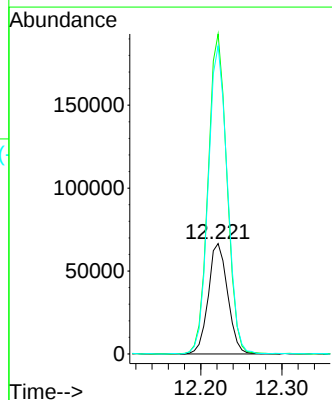
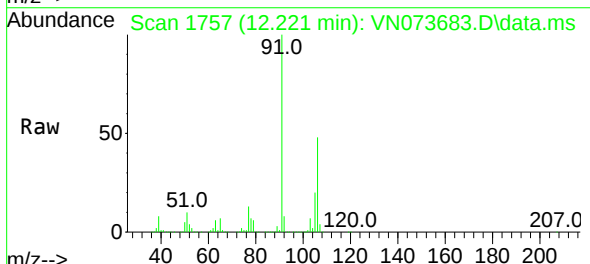
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

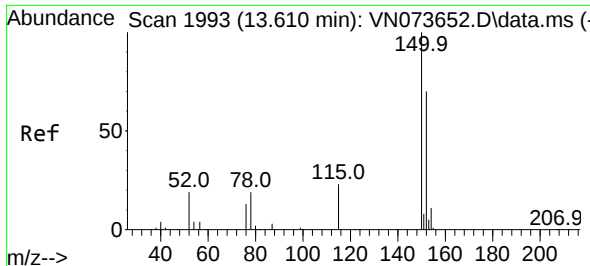
Tgt Ion:106 Resp: 2205099
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0



#70
Styrene
Concen: 8.308 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.012 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion:104 Resp: 110293
Ion Ratio Lower Upper
104 100
78 282.0 39.5 59.3#
103 275.8 44.0 66.0#

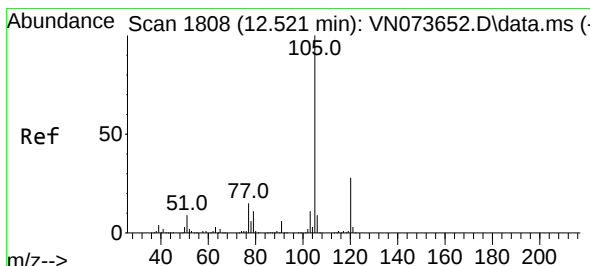
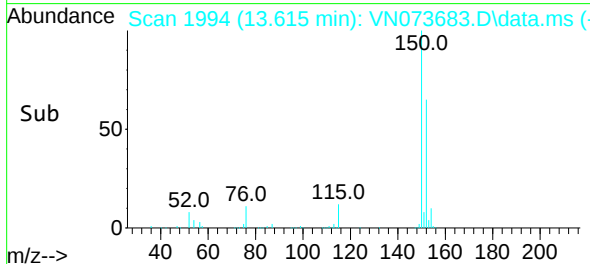
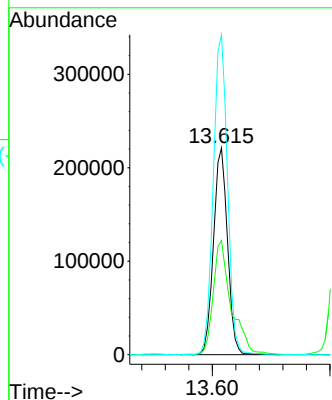
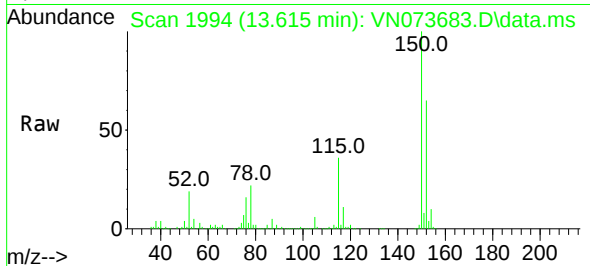




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

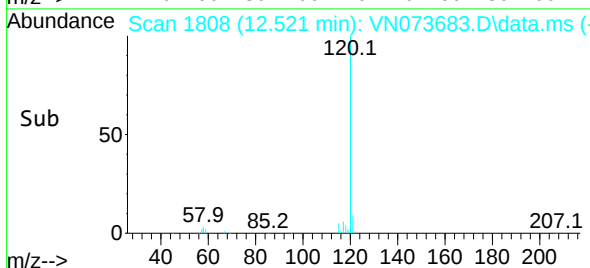
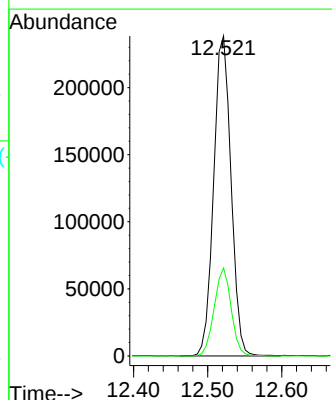
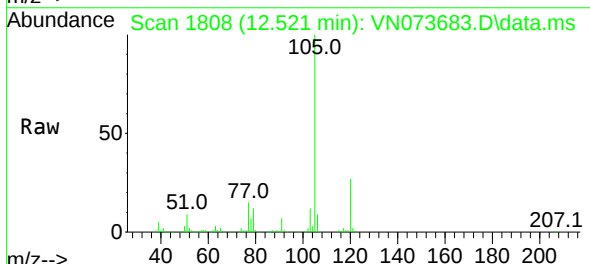
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

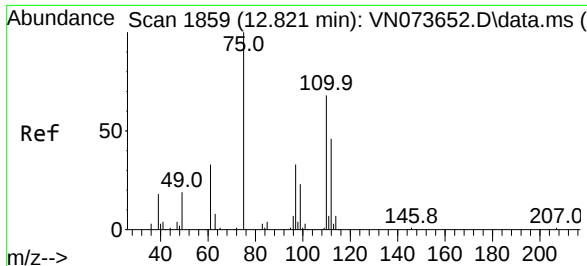
Tgt Ion:152 Resp: 365637
Ion Ratio Lower Upper
152 100
115 71.2 28.9 86.7
150 156.7 0.0 356.2



#73
Isopropylbenzene
Concen: 14.488 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion:105 Resp: 387777
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

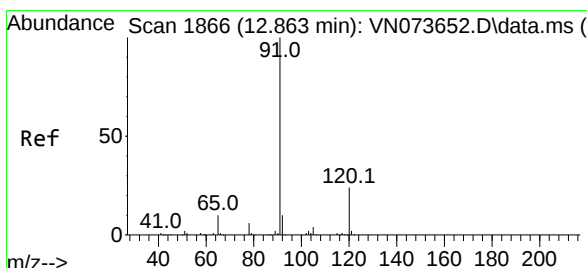
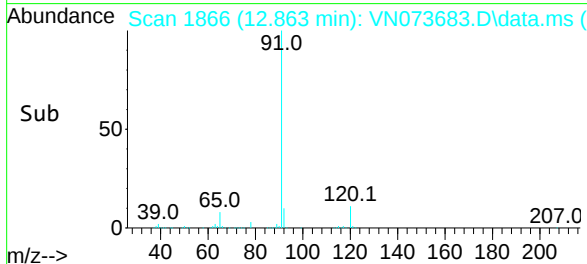
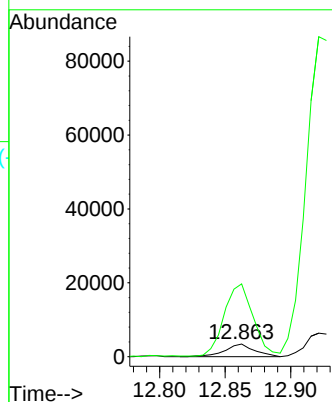
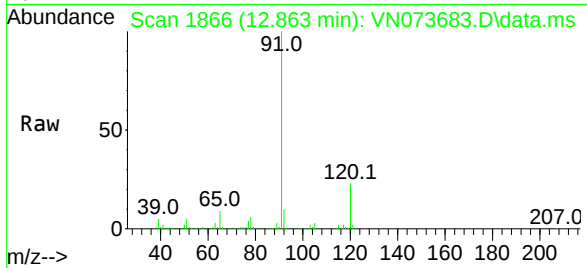




#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.863 min Scan# 1866
Delta R.T. 0.042 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

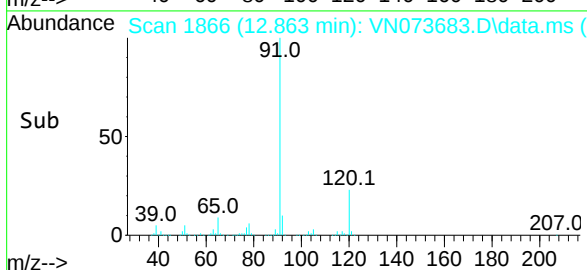
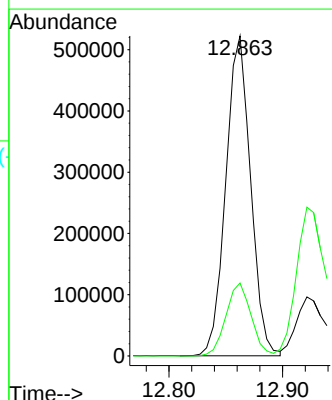
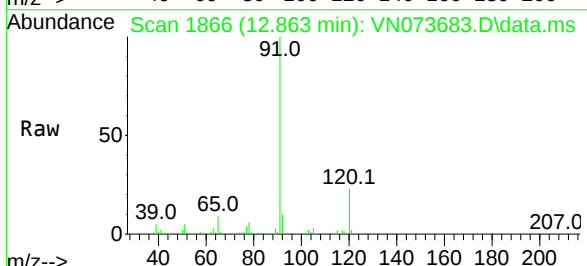
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

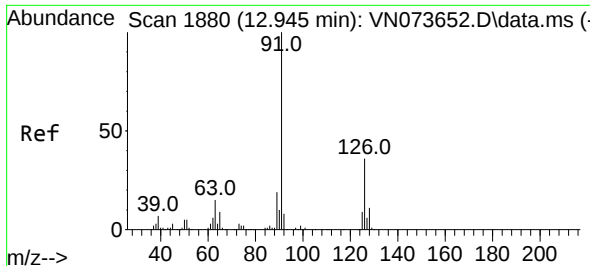
Tgt Ion: 75 Resp: 5315
Ion Ratio Lower Upper
75 100
77 563.6 98.5 295.5#



#78
n-propylbenzene
Concen: 26.294 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 91 Resp: 791894
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

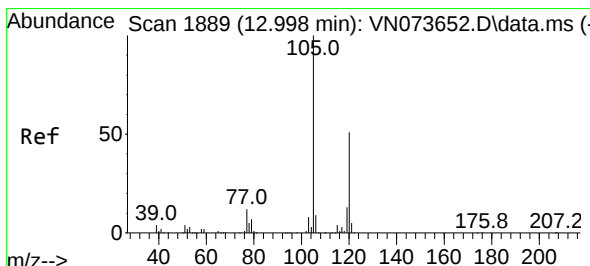
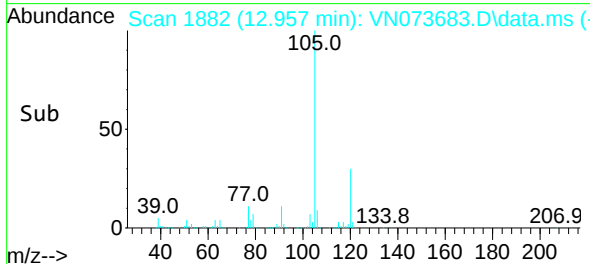
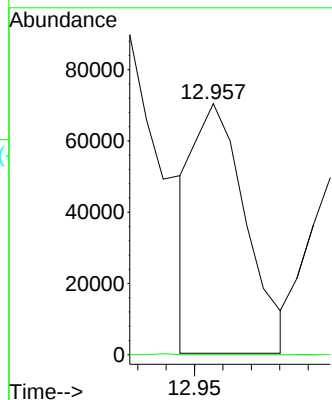
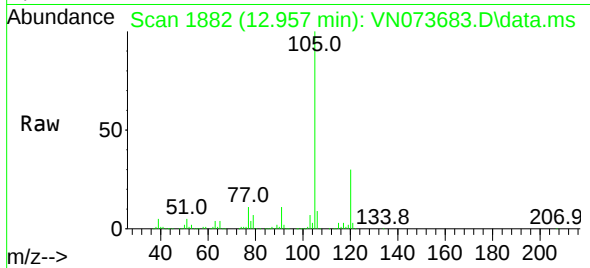




#79
2-Chlorotoluene
Concen: 4.804 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

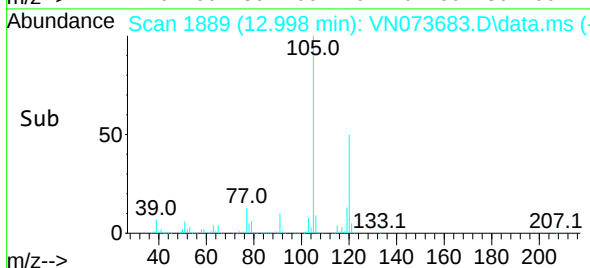
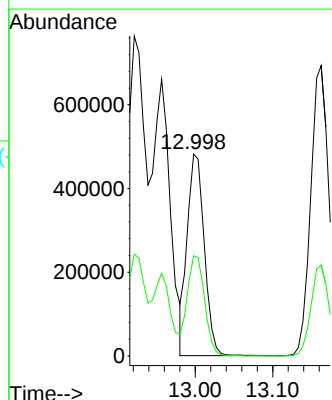
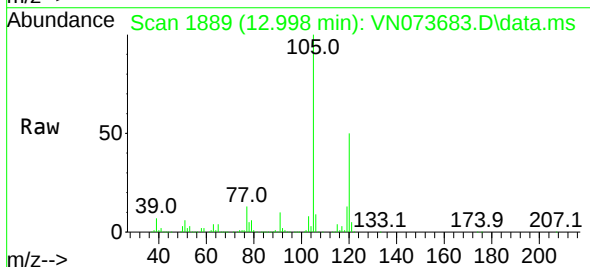
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

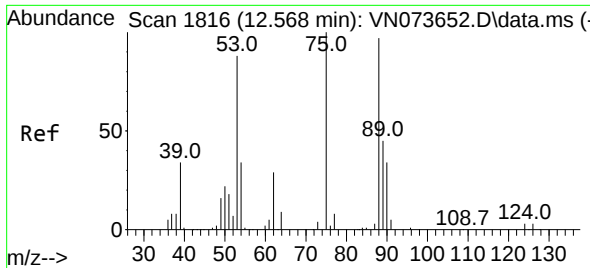
Tgt Ion: 91 Resp: 90300
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 33.450 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 105 Resp: 736784
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

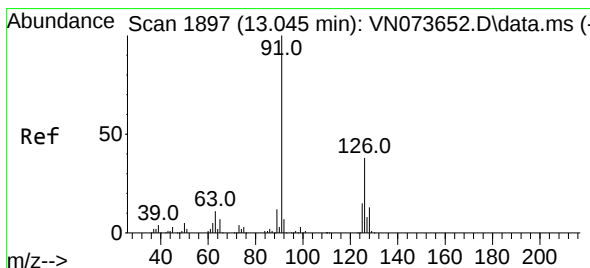
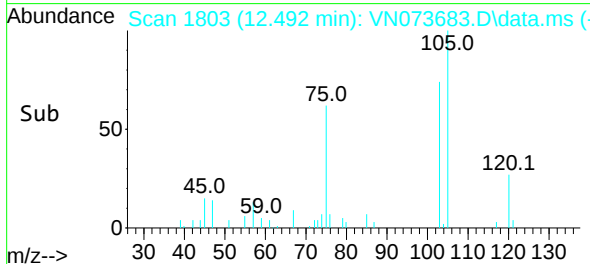
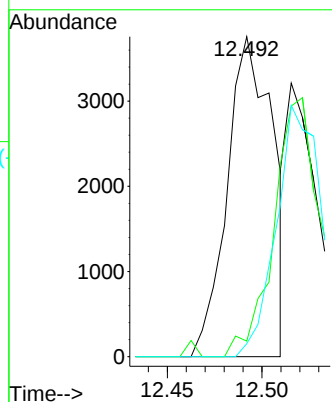
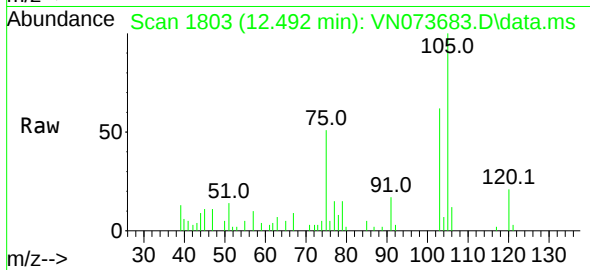




#81
trans-1,4-Dichloro-2-butene
Concen: 2.241 ug/l
RT: 12.492 min Scan# 1803
Delta R.T. -0.077 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

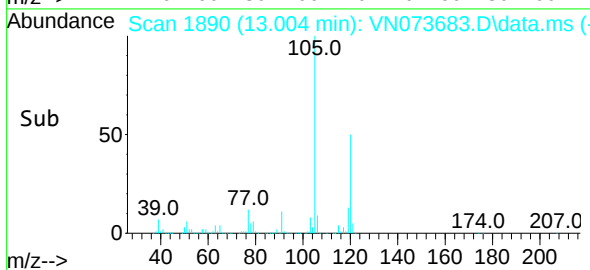
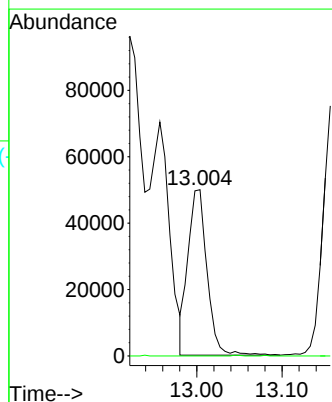
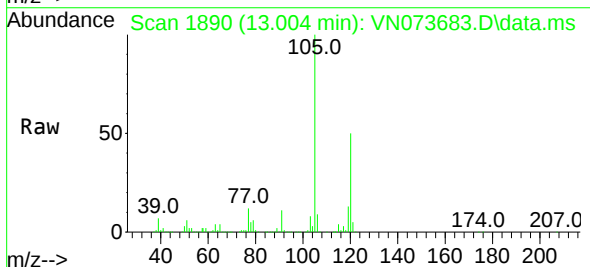
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

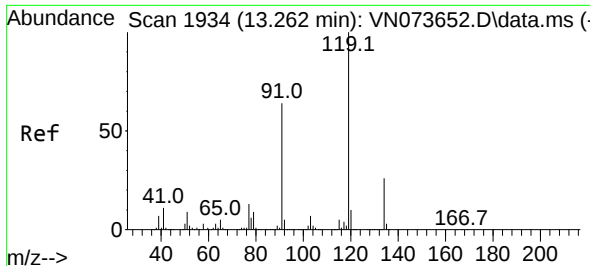
Tgt Ion: 75 Resp: 6322
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 4.356 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.041 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 91 Resp: 77599
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

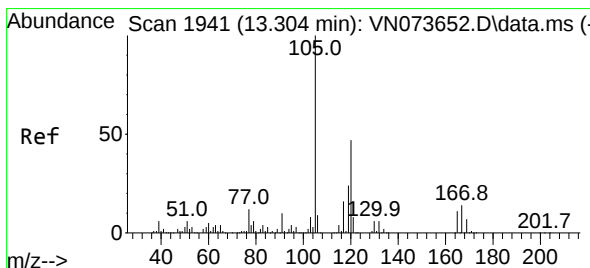
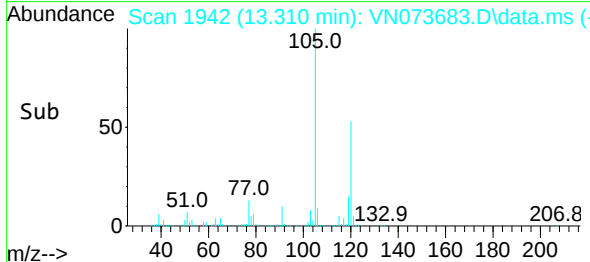
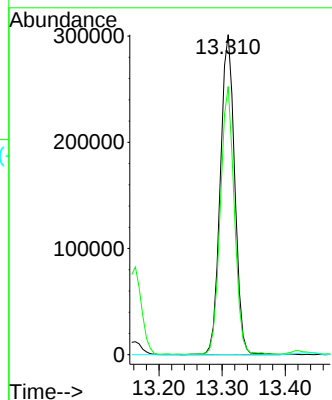
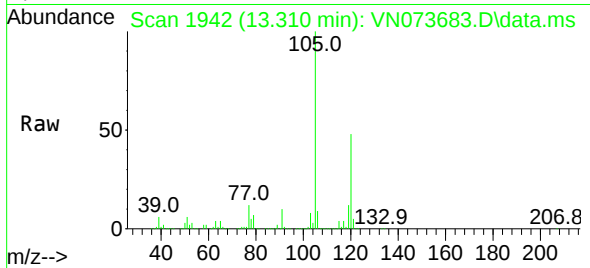




#83
tert-Butylbenzene
Concen: 24.470 ug/l
RT: 13.310 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

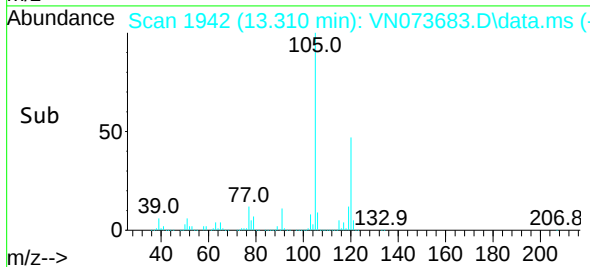
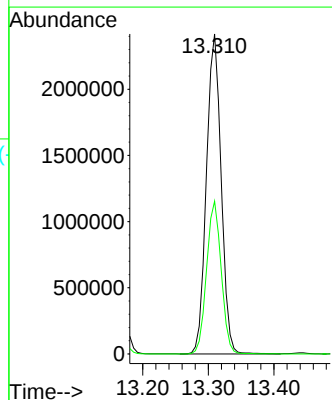
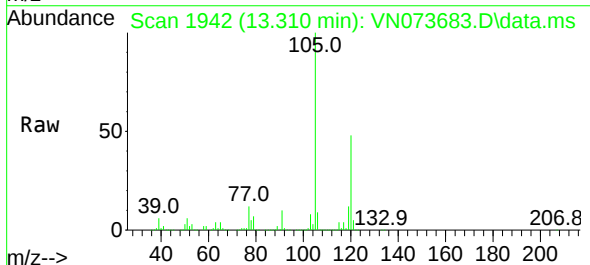
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

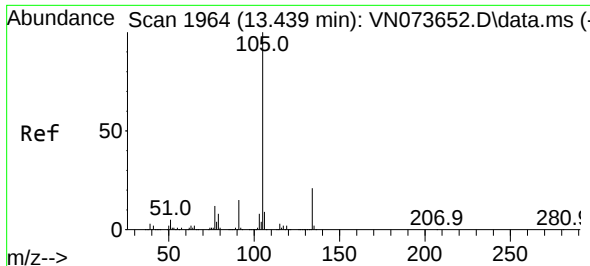
Tgt Ion:119 Resp: 477410
Ion Ratio Lower Upper
119 100
91 81.5 31.6 94.8
134 0.1 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 174.452 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion:105 Resp: 3778367
Ion Ratio Lower Upper
105 100
120 47.5 23.3 69.8

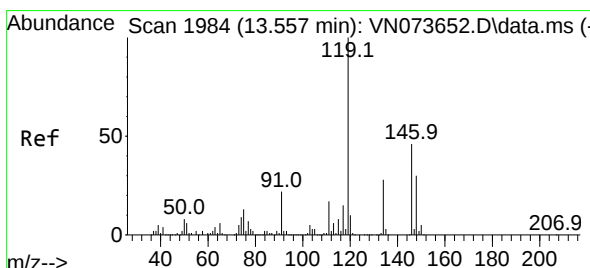
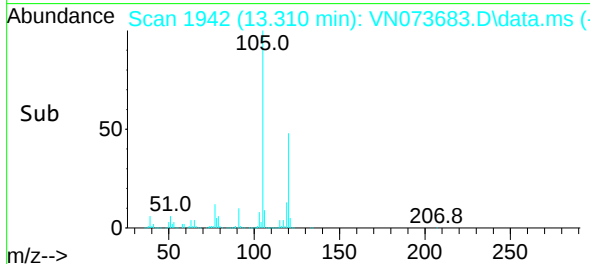
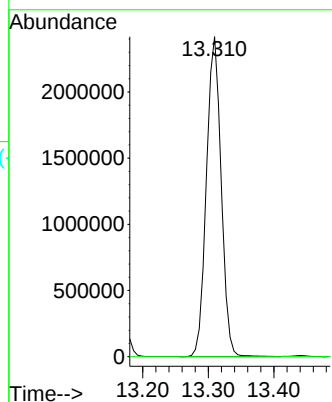
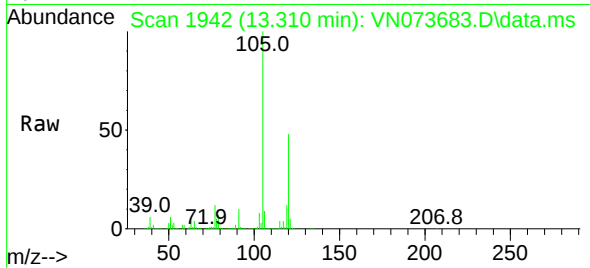




#85
 sec-Butylbenzene
 Concen: 140.121 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.129 min
 Lab File: VN073683.D
 Acq: 02 Aug 2022 13:33

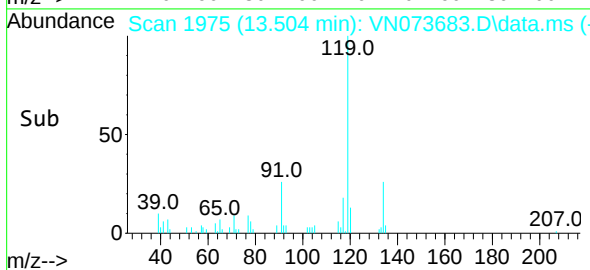
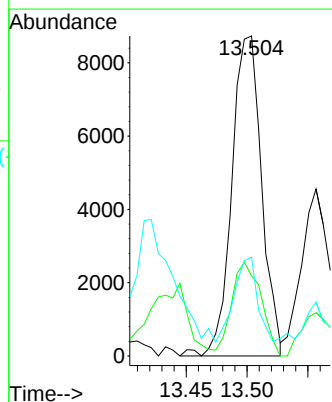
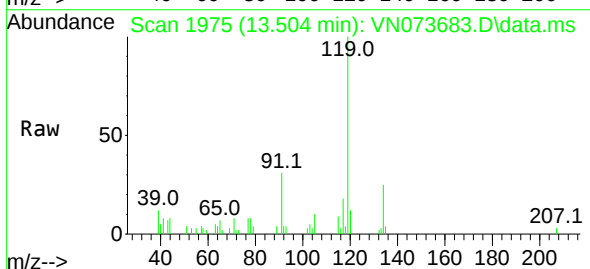
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R

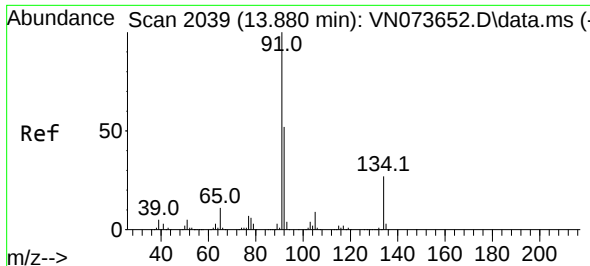
Tgt Ion:105 Resp: 3778367
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.702 ug/l
 RT: 13.504 min Scan# 1975
 Delta R.T. -0.053 min
 Lab File: VN073683.D
 Acq: 02 Aug 2022 13:33

Tgt Ion:119 Resp: 14912
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.3 39.8
 91 0.0 11.3 33.9#

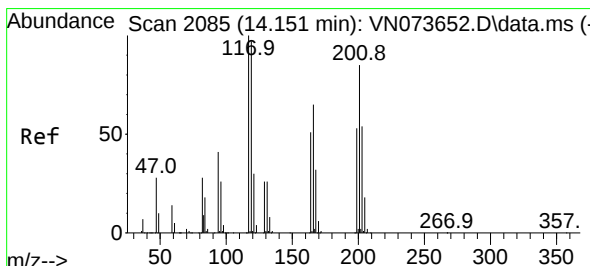
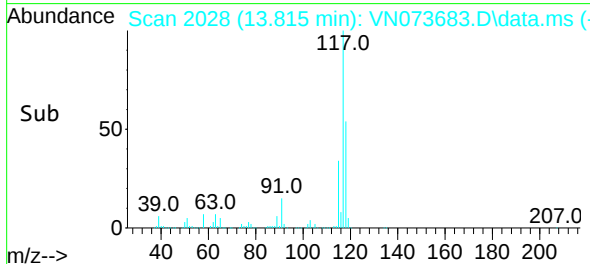
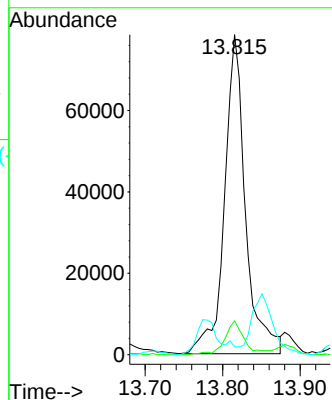
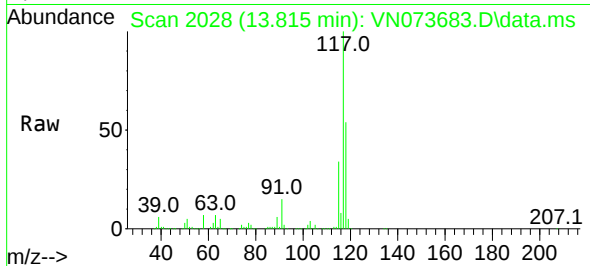




#89
n-Butylbenzene
Concen: 8.542 ug/l
RT: 13.815 min Scan# 2039
Delta R.T. -0.065 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

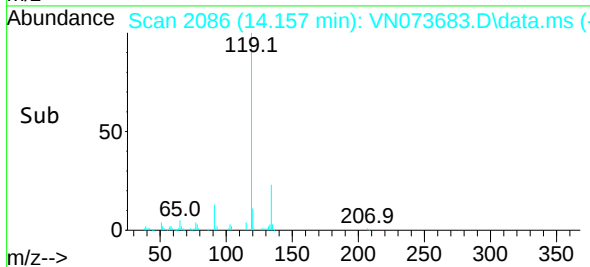
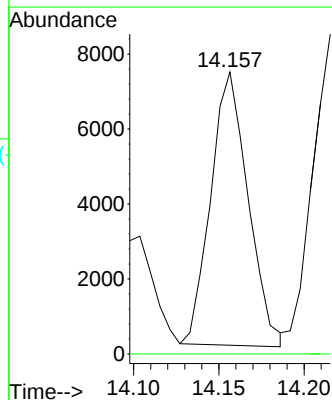
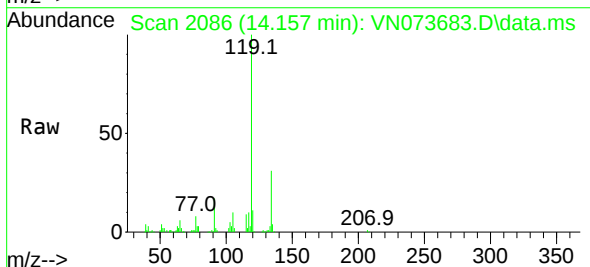
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

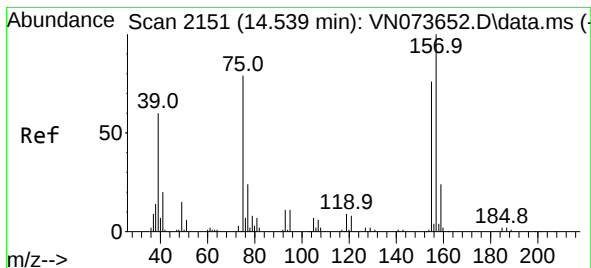
Tgt Ion: 91 Resp: 147741
Ion Ratio Lower Upper
91 100
92 9.9 26.9 80.7#
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 2.633 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 117 Resp: 11106
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

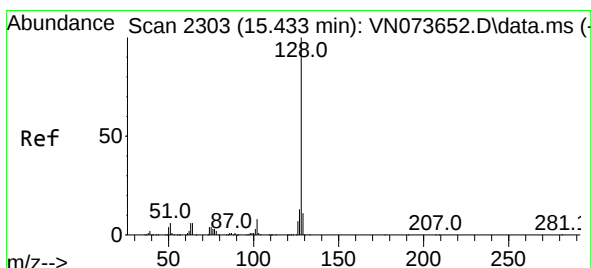
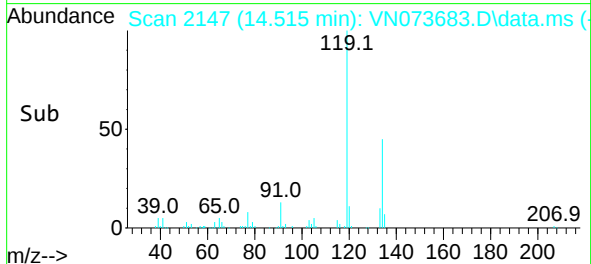
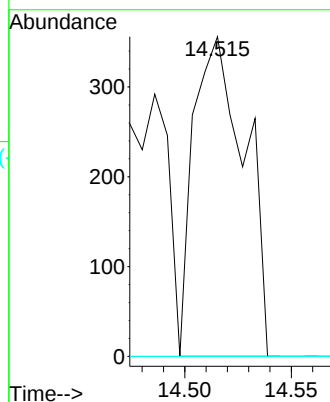
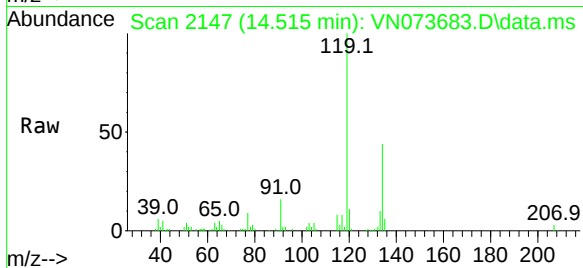




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.287 ug/l
RT: 14.515 min Scan# 2151
Delta R.T. -0.029 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
MW-9R

Tgt Ion: 75 Resp: 595
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 48.862 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073683.D
Acq: 02 Aug 2022 13:33

Tgt Ion: 128 Resp: 1015160
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

