

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070439.D
 Acq On : 3 Jan 2022 16:01
 Operator : JC/MD
 Sample : M5251-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D

Quant Time: Jan 04 01:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1037381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1740388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1585592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	713491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	714451	47.900	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.800%
35) Dibromofluoromethane	8.021	113	510850	48.513	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.020%
50) Toluene-d8	10.438	98	2121674	49.322	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.728	95	878276	56.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.060%

Target Compounds			Qvalue			
3) Chloromethane	2.263	50	16946	1.059	ug/l #	79
11) Tert butyl alcohol	5.310	59	1807	0.728	ug/l #	71
13) Acrolein	3.990	56	184435	91.527	ug/l #	1
14) Allyl chloride	4.940	41	302380	12.623	ug/l #	75
15) Acrylonitrile	5.618	53	158441	20.444	ug/l #	39
16) Acetone	4.272	43	635082	65.591	ug/l #	72
17) Carbon Disulfide	4.521	76	10697	0.371	ug/l	98
18) Methyl Acetate	4.929	43	161129	5.753	ug/l #	51
20) Methylene Chloride	4.948	84	75565	5.641	ug/l #	19
23) Vinyl Acetate	6.401	43	82953	2.292	ug/l #	74
24) 1,1-Dichloroethane	6.401	63	8759	0.362	ug/l #	83
25) 2-Butanone	7.335	43	126999	10.417	ug/l #	86
26) 2,2-Dichloropropane	7.147	77	32765	1.717	ug/l #	52
28) Bromochloromethane	7.839	49	13102	1.107	ug/l #	9
29) Tetrahydrofuran	7.678	42	1779	0.245	ug/l #	44
30) Chloroform	7.844	83	37242	1.596	ug/l #	77
31) Cyclohexane	8.094	56	960856	40.823	ug/l	86
36) 1,1-Dichloropropene	8.083	75	85445	4.905	ug/l #	49
37) Ethyl Acetate	7.335	43	126999	5.624	ug/l #	68
38) Carbon Tetrachloride	8.086	117	100785	6.059	ug/l #	16
39) Methylcyclohexane	9.459	83	721240	34.199	ug/l #	86
40) Benzene	8.458	78	19518	0.365	ug/l	93
41) Methacrylonitrile	7.678	41	40174	3.557	ug/l #	18
43) Isopropyl Acetate	8.555	43	147536	4.144	ug/l #	55
45) 1,2-Dichloropropane	9.416	63	4071	0.283	ug/l #	1
47) Bromodichloromethane	9.740	83	22300	1.256	ug/l #	29
48) Methyl methacrylate	9.590	41	35329	2.081	ug/l #	8
51) 4-Methyl-2-Pentanone	10.330	43	20080	0.898	ug/l	93
52) Toluene	10.502	92	5025967	155.479	ug/l	96
53) t-1,3-Dichloropropene	10.502	75	57934	3.014	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	98945	7.736	ug/l #	21
56) Ethyl methacrylate	10.781	69	15205	0.719	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.022	63	6283	19.591	ug/l #	45
59) 2-Hexanone	11.055	43	26993	1.655	ug/l #	25
67) Ethyl Benzene	11.843	91	14868750	241.214	ug/l	100
68) m/p-Xylenes	11.843	106	4607791	205.358	ug/l #	20

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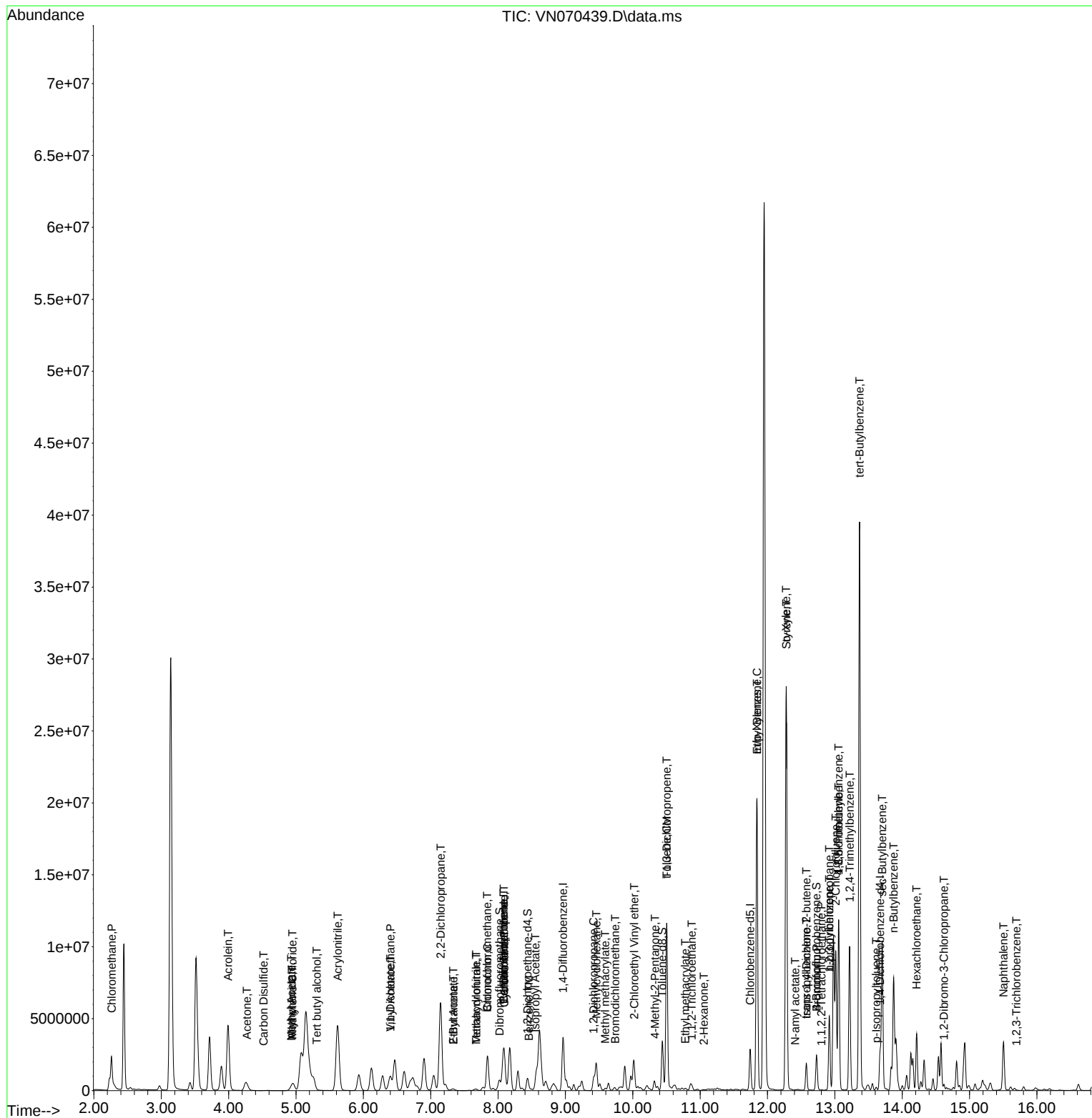
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
69) o-Xylene	12.278	106	7667801	343.570	ug/l	#	1
70) Styrene	12.280	104	403291	11.417	ug/l	#	1
71) Bromoform	12.731	173	1891	0.212	ug/l	#	1
73) Isopropylbenzene	12.575	105	1233086	18.610	ug/l		98
74) N-amyl acetate	12.412	43	8114	0.291	ug/l	#	37
75) 1,1,2,2-Tetrachloroethane	12.801	83	630	0.473	ug/l	#	43
76) 1,2,3-Trichloropropane	12.916	75	25470	3.874	ug/l	#	1
78) n-propylbenzene	12.919	91	4145284	56.465	ug/l		96
79) 2-Chlorotoluene	13.012	91	610242	12.955	ug/l	#	38
80) 1,3,5-Trimethylbenzene	13.055	105	6440200	121.293	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.575	75	15485	2.652	ug/l	#	67
82) 4-Chlorotoluene	13.055	91	695611	15.765	ug/l	#	38
83) tert-Butylbenzene	13.366	119	2872271	61.435	ug/l	#	61
84) 1,2,4-Trimethylbenzene	13.219	105	6494246	127.020	ug/l		76
85) sec-Butylbenzene	13.702	105	6066332	95.570	ug/l	#	56
86) p-Isopropyltoluene	13.613	119	105514	2.116	ug/l	#	77
89) n-Butylbenzene	13.873	91	489481	11.769	ug/l		76
90) Hexachloroethane	14.214	117	188515	21.763	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.619	75	856	0.223	ug/l	#	6
95) Naphthalene	15.504	128	3060522	92.558	ug/l		99
96) 1,2,3-Trichlorobenzene	15.697	180	1194	0.930	ug/l	#	50

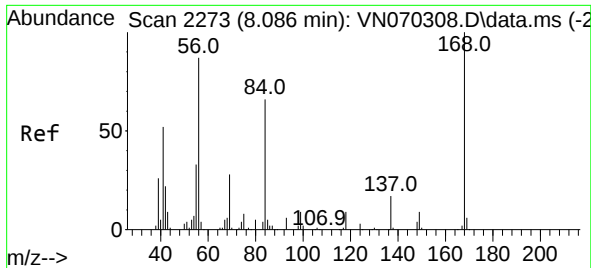
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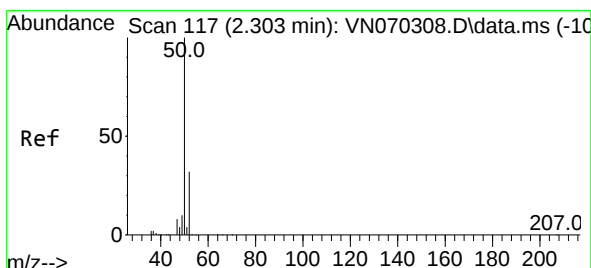
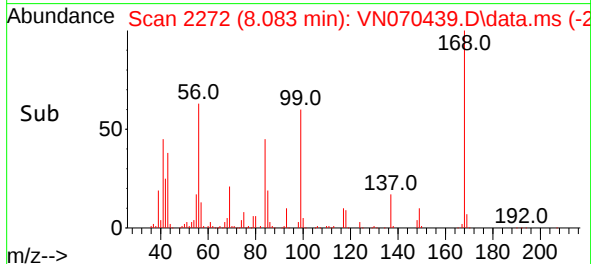
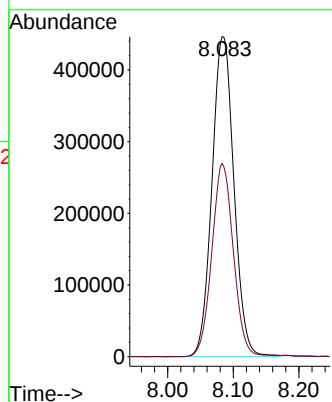
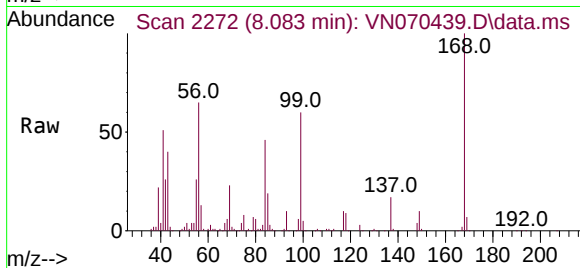




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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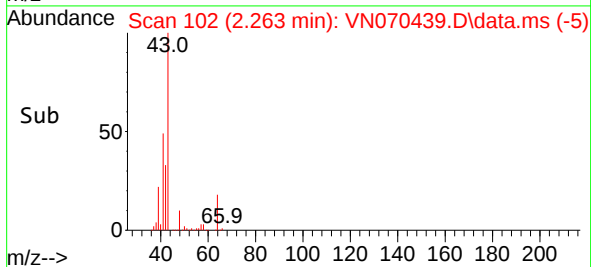
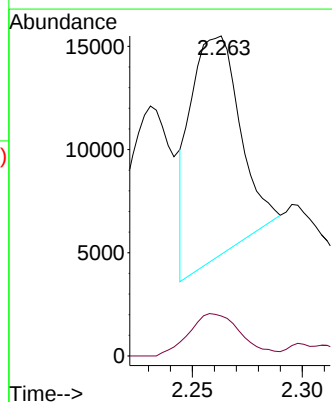
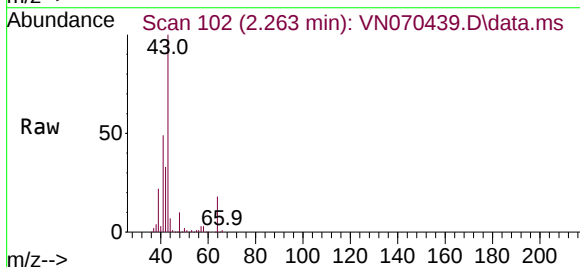
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MSVOA_N
ClientSampleId :
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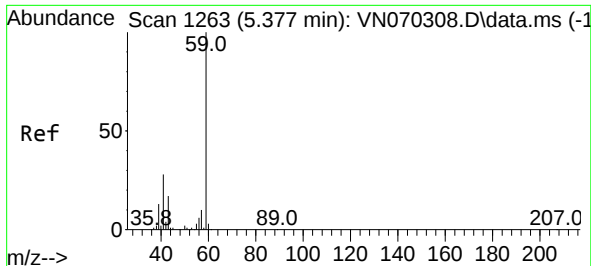
Tgt Ion:168 Resp: 1037381
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#3
Chloromethane
Concen: 1.059 ug/l
RT: 2.263 min Scan# 102
Delta R.T. -0.040 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 50 Resp: 16946
Ion Ratio Lower Upper
50 100
52 19.9 25.4 38.0#





#11

Tert butyl alcohol

Concen: 0.728 ug/l

RT: 5.310 min Scan# 11

Delta R.T. -0.067 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

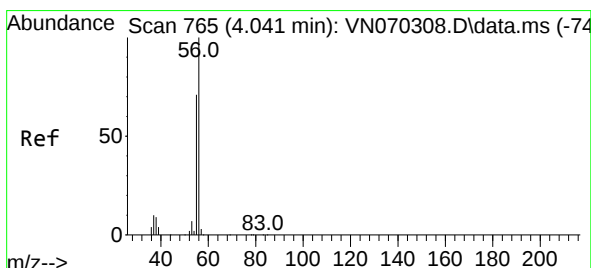
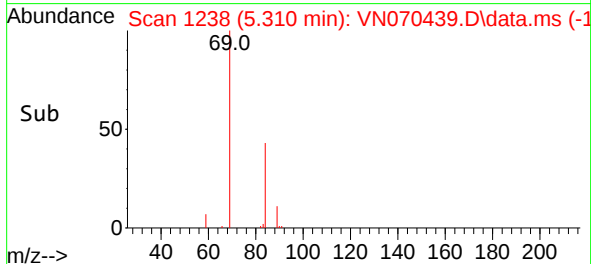
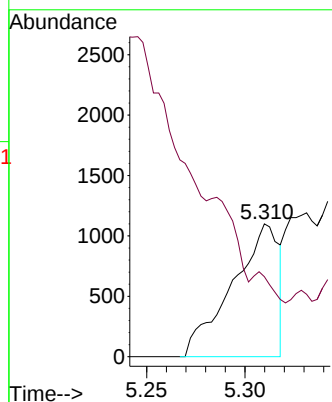
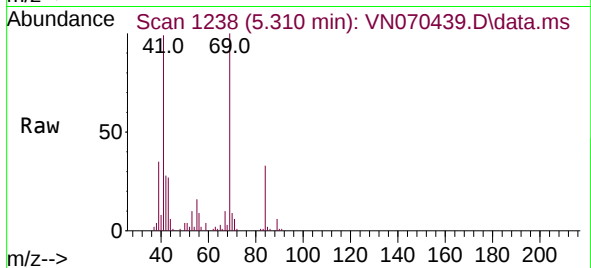
MW-2D

Tgt Ion: 59 Resp: 1807

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 91.527 ug/l

RT: 3.990 min Scan# 746

Delta R.T. -0.051 min

Lab File: VN070439.D

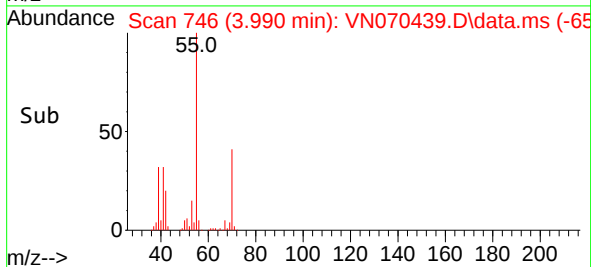
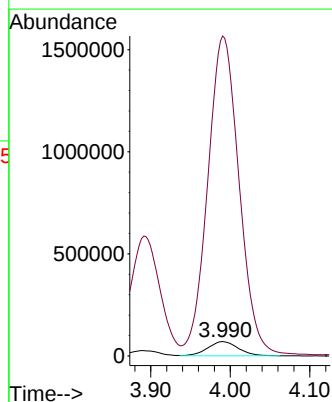
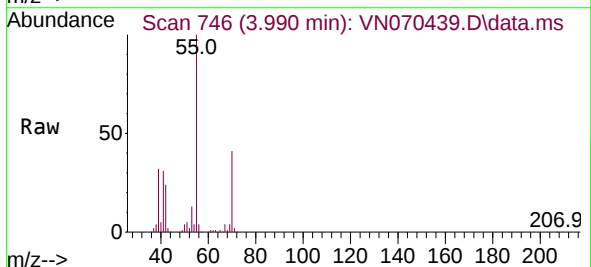
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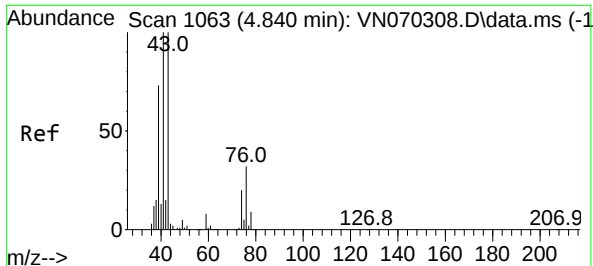
Tgt Ion: 56 Resp: 184435

Ion Ratio Lower Upper

56 100

55 2319.1 56.6 85.0#





#14

Allyl chloride

Concen: 12.623 ug/l

RT: 4.940 min Scan# 1100

Delta R.T. 0.100 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-2D

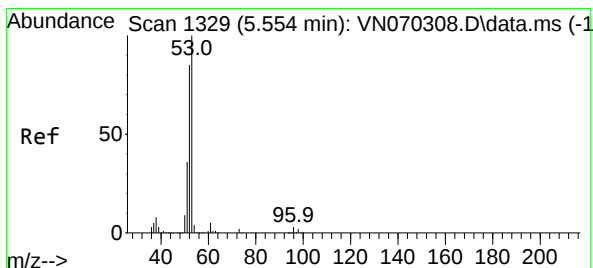
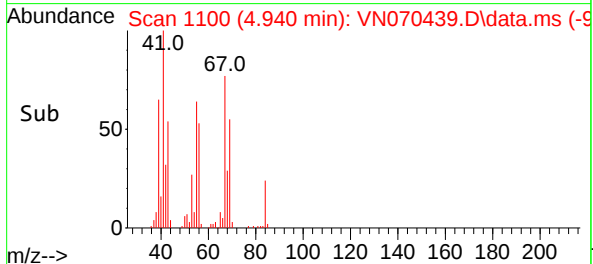
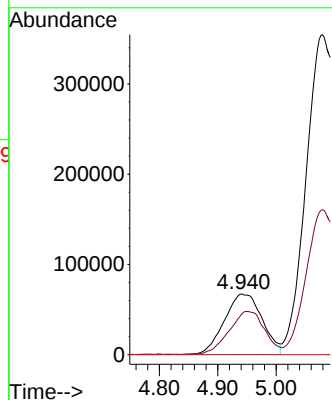
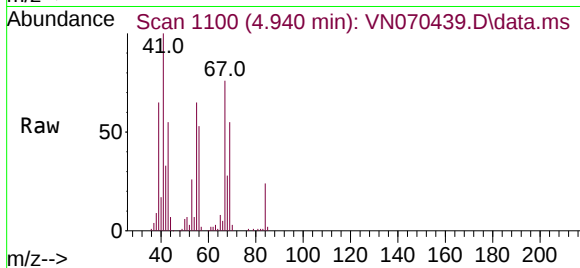
Tgt Ion: 41 Resp: 302380

Ion Ratio Lower Upper

41 100

39 67.1 61.2 91.8

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 20.444 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.064 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

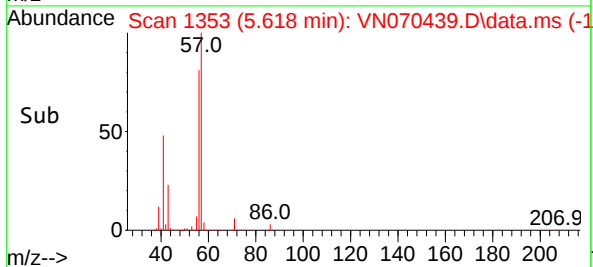
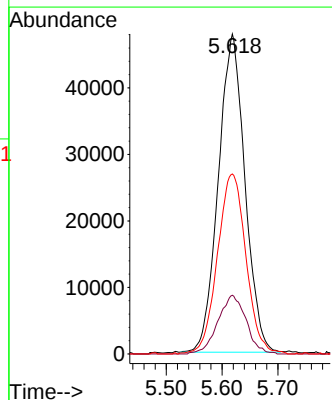
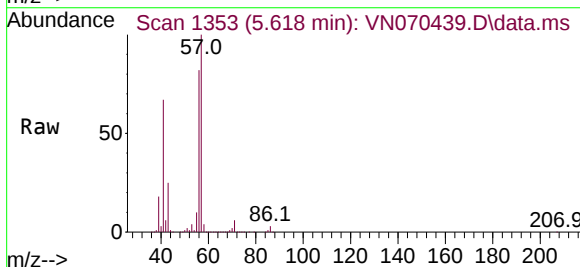
Tgt Ion: 53 Resp: 158441

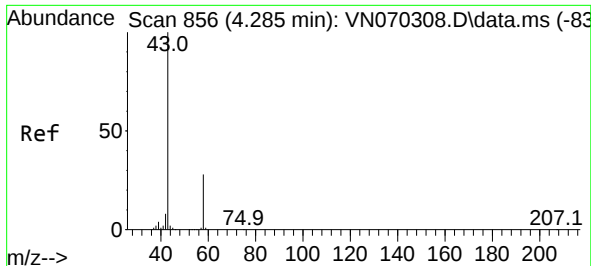
Ion Ratio Lower Upper

53 100

52 19.6 66.2 99.2#

51 60.7 29.6 44.4#

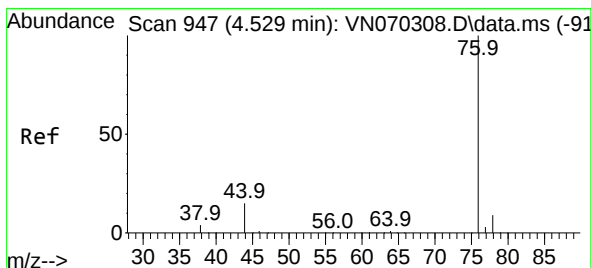
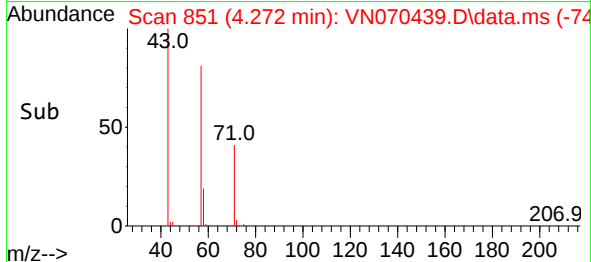
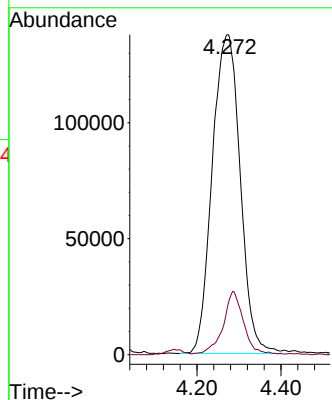
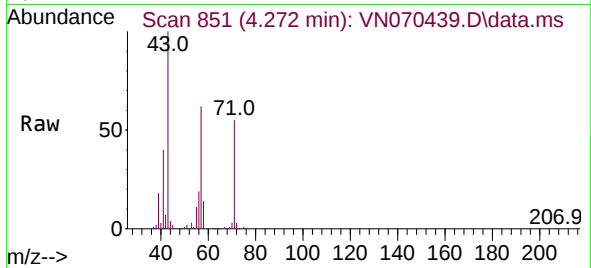




#16
Acetone
Concen: 65.591 ug/l
RT: 4.272 min Scan# 851
Delta R.T. -0.013 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

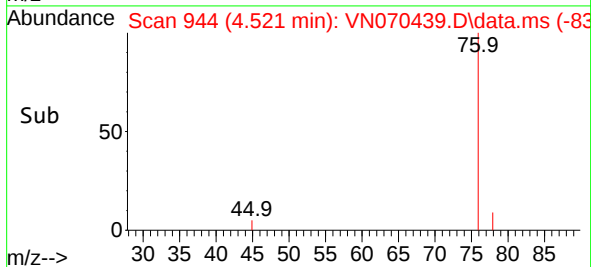
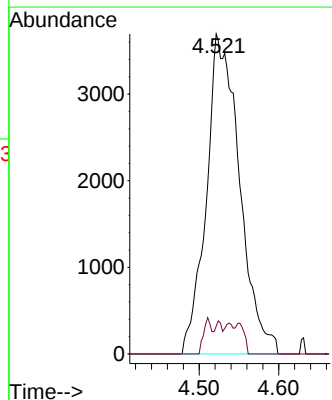
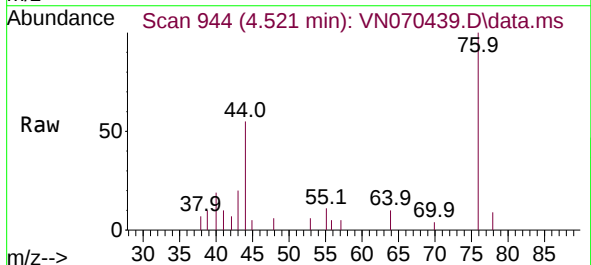
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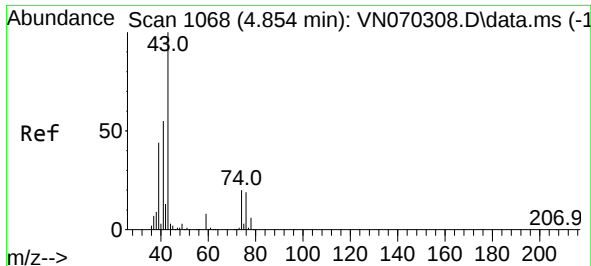
Tgt Ion: 43 Resp: 635082
Ion Ratio Lower Upper
43 100
58 14.2 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.008 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 76 Resp: 10697
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

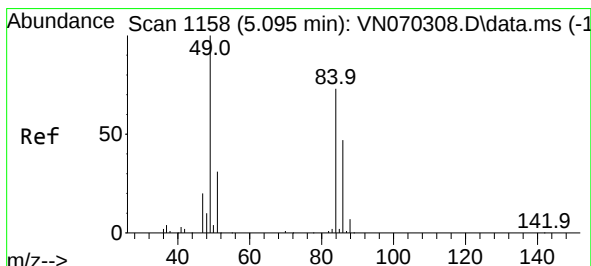
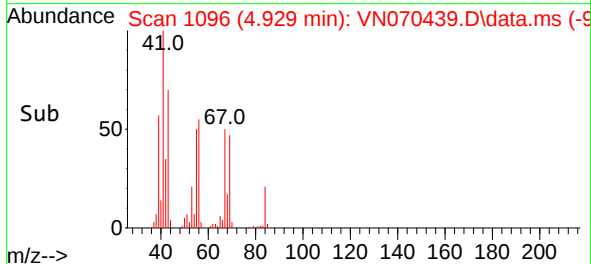
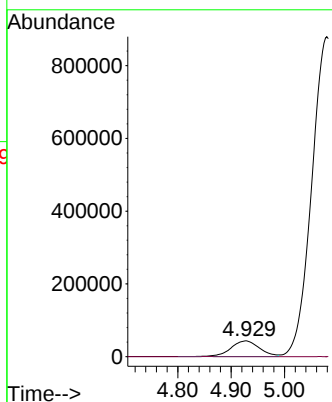
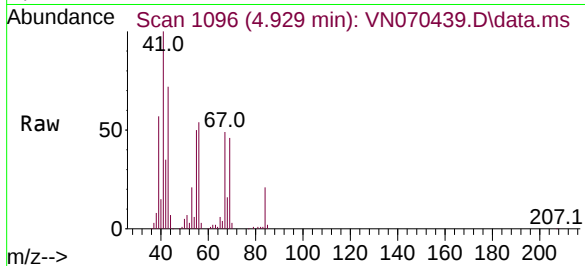




#18
Methyl Acetate
Concen: 5.753 ug/l
RT: 4.929 min Scan# 1103
Delta R.T. 0.075 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

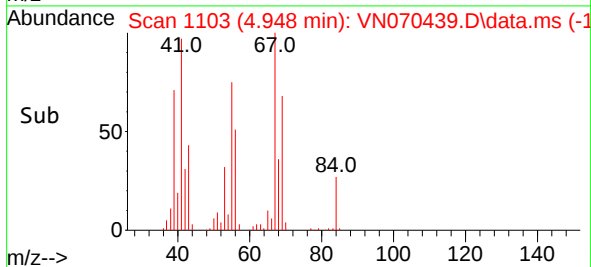
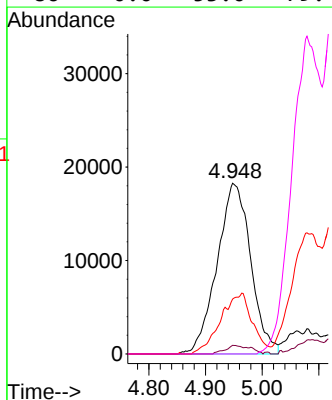
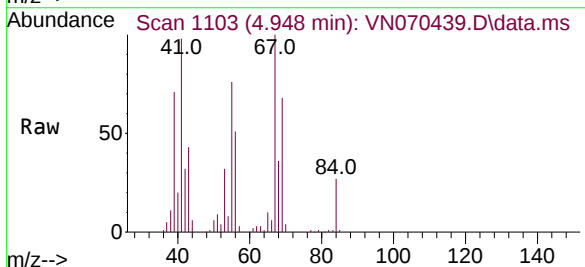
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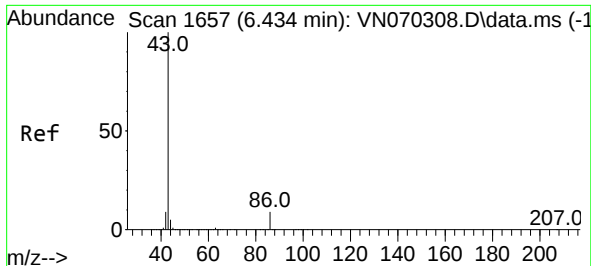
Tgt Ion: 43 Resp: 161129
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 5.641 ug/l
RT: 4.948 min Scan# 1103
Delta R.T. -0.147 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 84 Resp: 75565
Ion Ratio Lower Upper
84 100
49 5.0 93.5 140.3#
51 32.1 29.4 44.2
86 0.0 53.0 79.4#

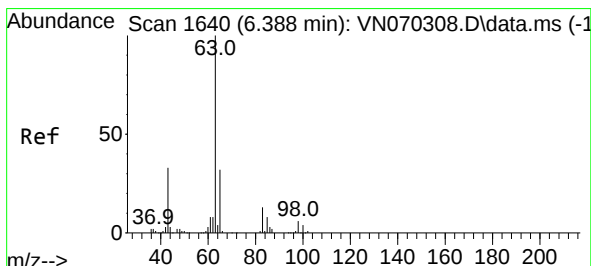
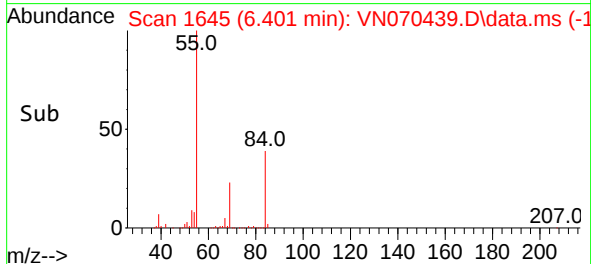
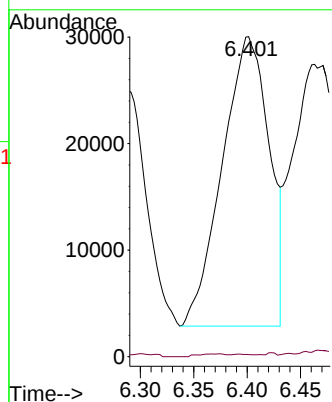
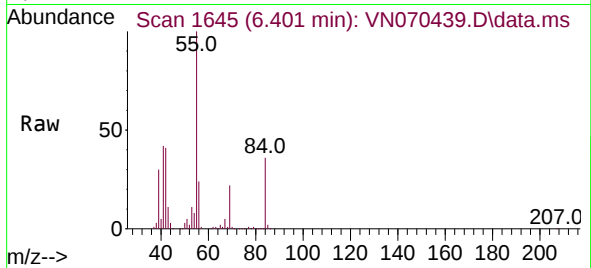




#23
 Vinyl Acetate
 Concen: 2.292 ug/l
 RT: 6.401 min Scan# 1645
 Delta R.T. -0.033 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

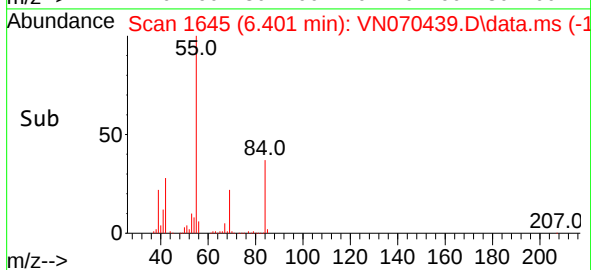
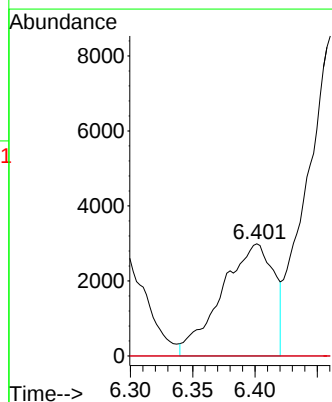
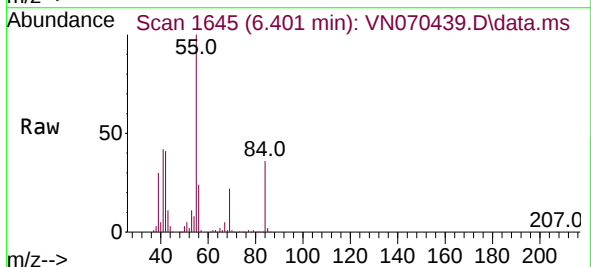
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D

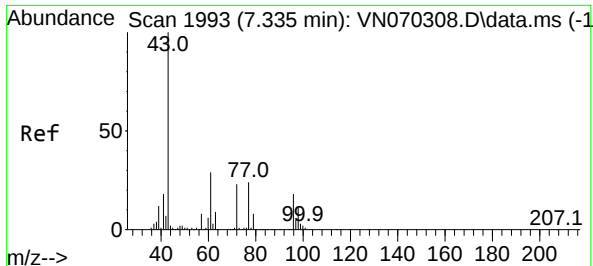
Tgt Ion: 43 Resp: 82953
 Ion Ratio Lower Upper
 43 100
 86 0.7 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 0.362 ug/l
 RT: 6.401 min Scan# 1645
 Delta R.T. 0.013 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

Tgt Ion: 63 Resp: 8759
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#

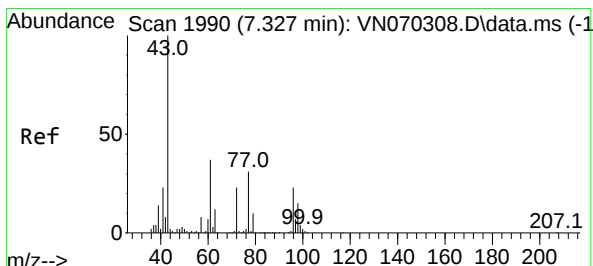
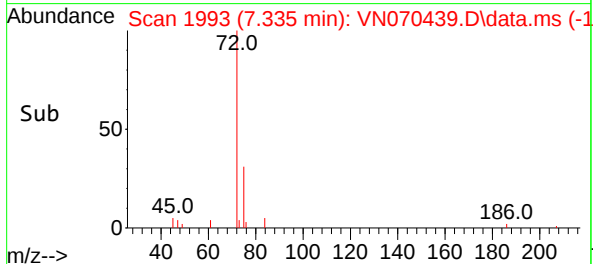
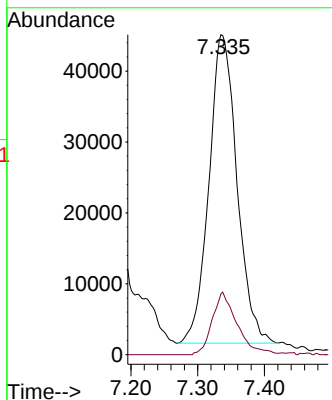
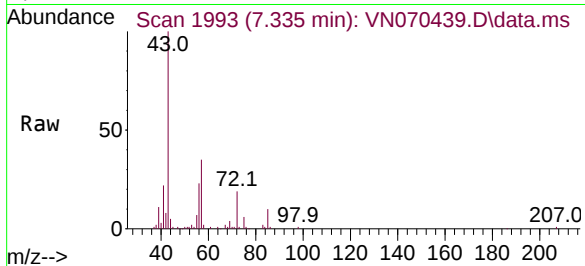




#25
2-Butanone
Concen: 10.417 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

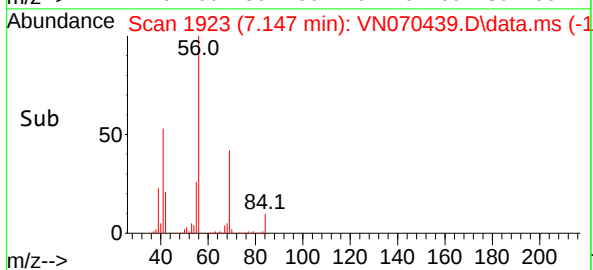
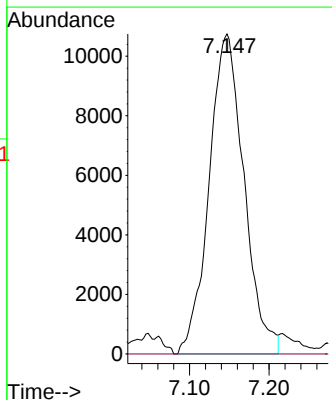
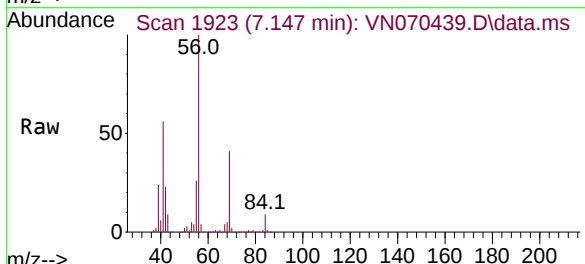
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

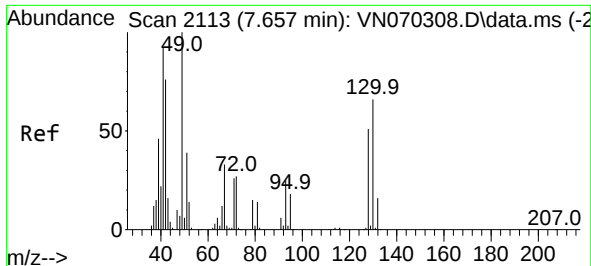
Tgt Ion: 43 Resp: 126999
Ion Ratio Lower Upper
43 100
72 19.7 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 1.717 ug/l
RT: 7.147 min Scan# 1923
Delta R.T. -0.180 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 77 Resp: 32765
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

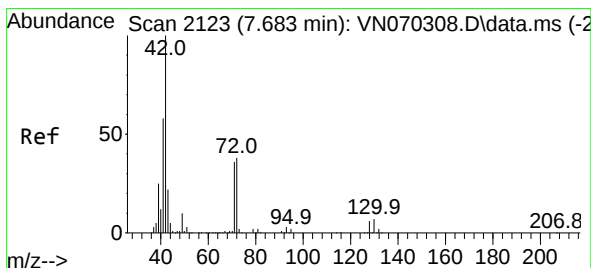
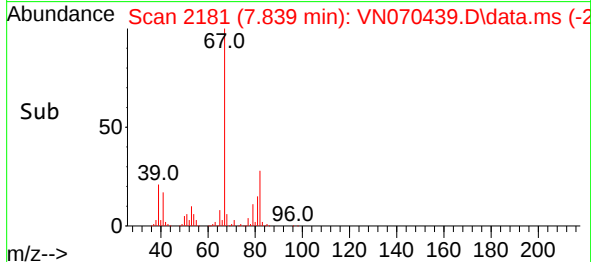
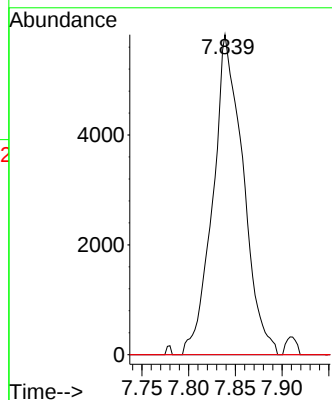
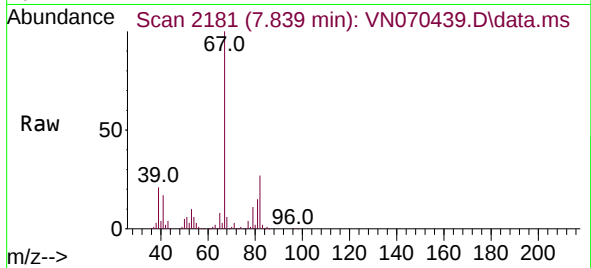




#28
Bromochloromethane
Concen: 1.107 ug/l
RT: 7.839 min Scan# 2113
Delta R.T. 0.182 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

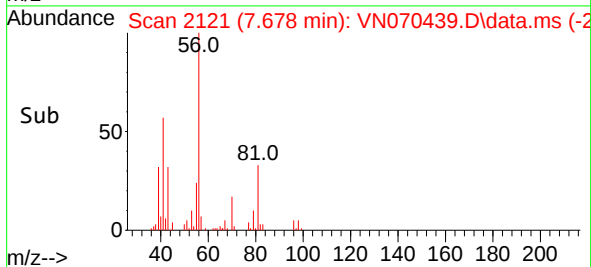
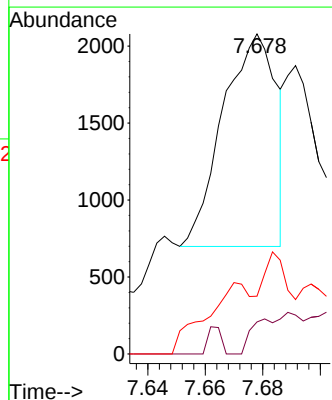
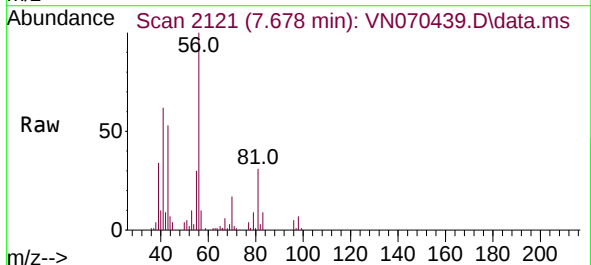
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

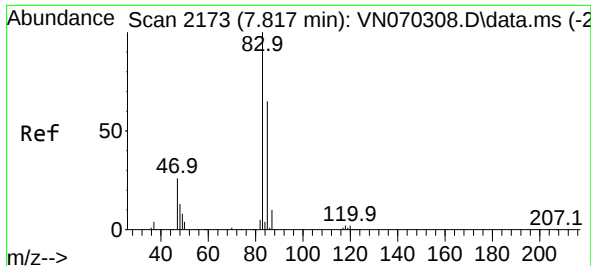
Tgt Ion: 49 Resp: 13102
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 0.245 ug/l
RT: 7.678 min Scan# 2121
Delta R.T. -0.005 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 42 Resp: 1779
Ion Ratio Lower Upper
42 100
72 15.9 36.3 54.5#
71 0.0 34.7 52.1#

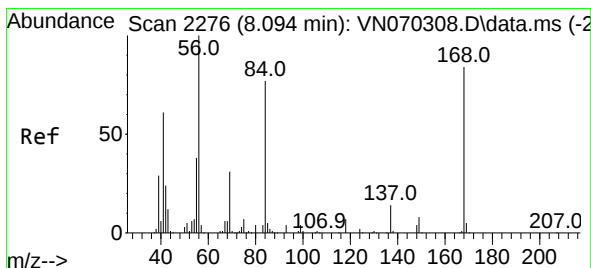
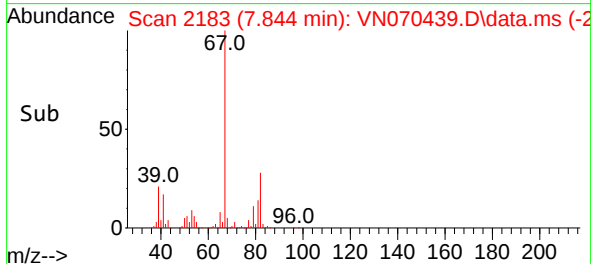
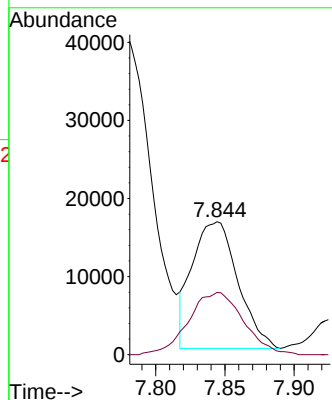
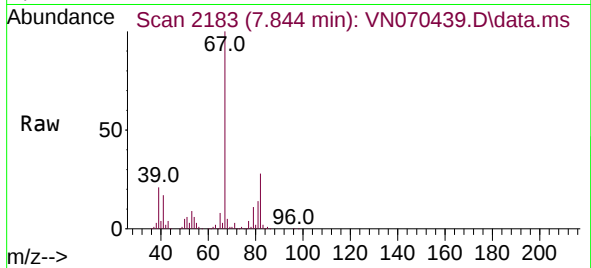




#30
Chloroform
Concen: 1.596 ug/l
RT: 7.844 min Scan# 2183
Delta R.T. 0.027 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

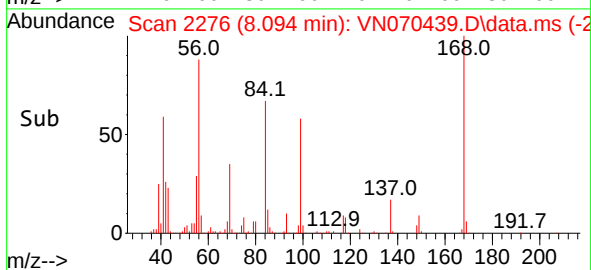
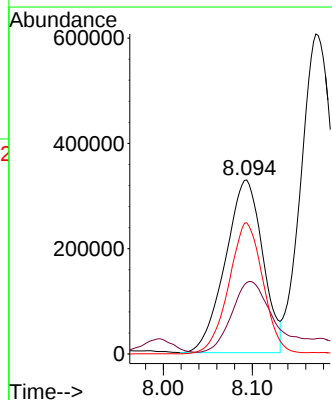
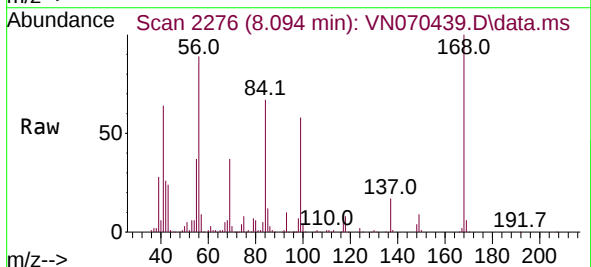
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

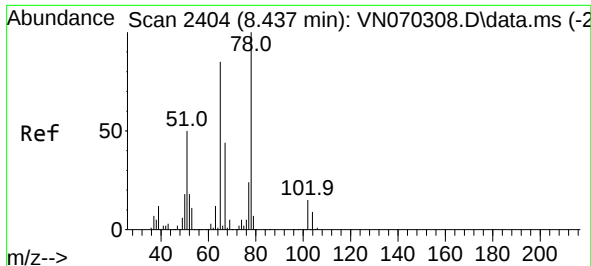
Tgt Ion: 83 Resp: 37242
Ion Ratio Lower Upper
83 100
85 46.8 51.9 77.9#



#31
Cyclohexane
Concen: 40.823 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 56 Resp: 960856
Ion Ratio Lower Upper
56 100
69 38.4 27.1 40.7
84 75.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 47.900 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

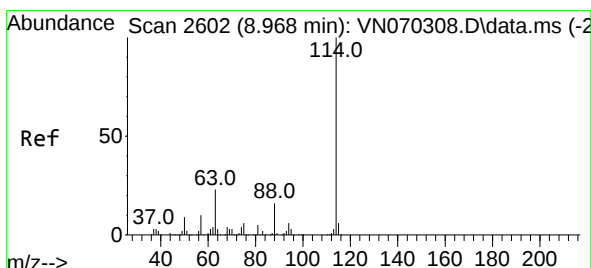
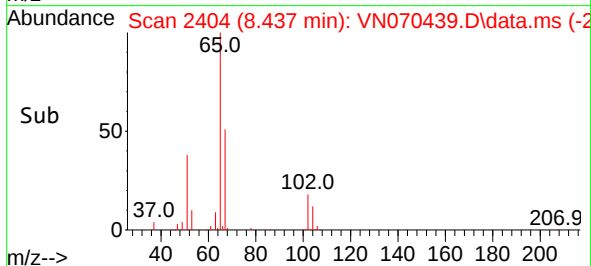
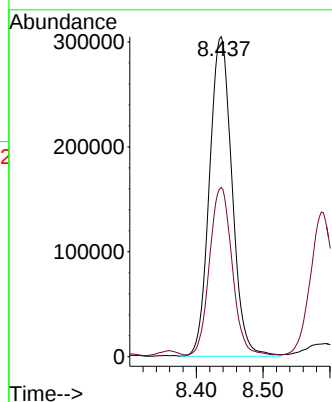
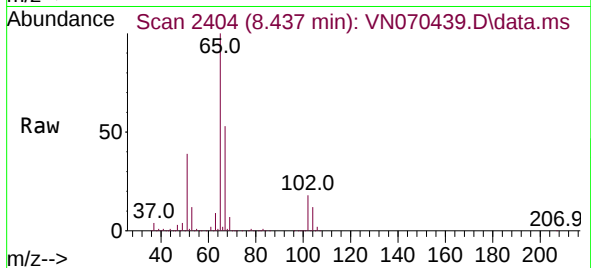
MW-2D

Tgt Ion: 65 Resp: 714451

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

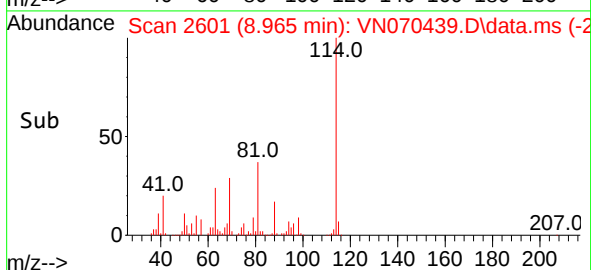
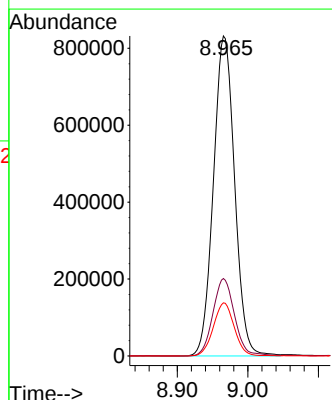
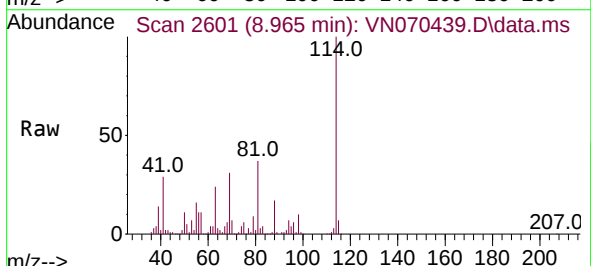
Tgt Ion: 114 Resp: 1740388

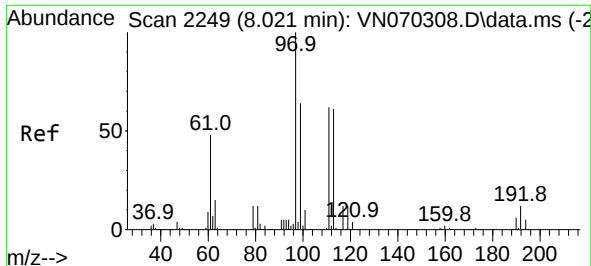
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

88 16.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.513 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-2D

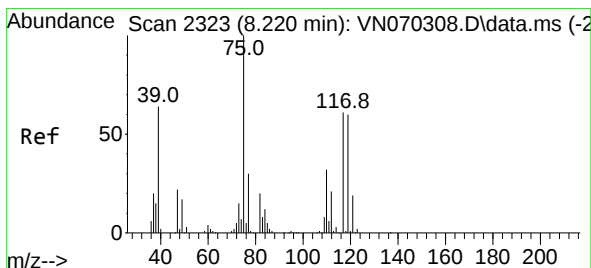
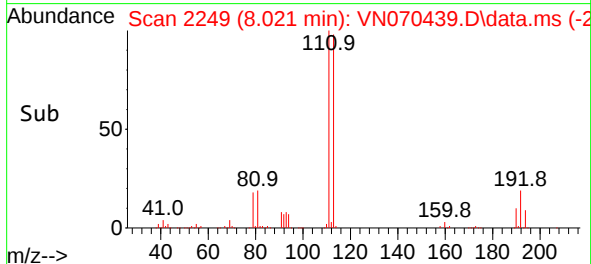
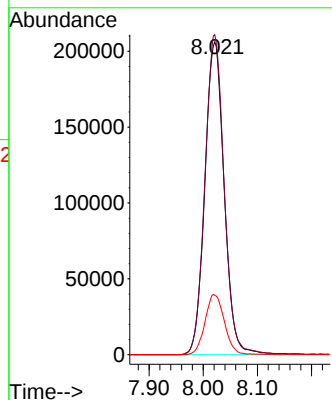
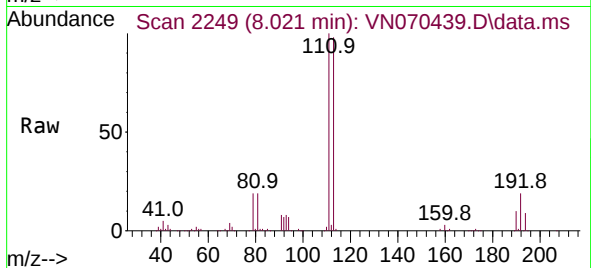
Tgt Ion:113 Resp: 510850

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.905 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.137 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

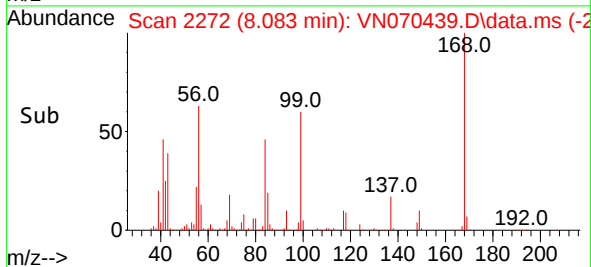
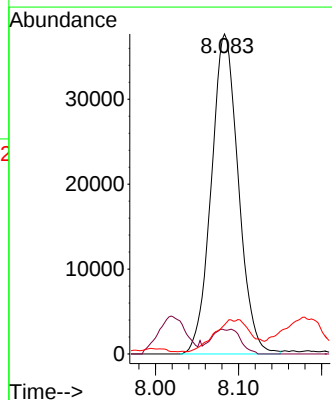
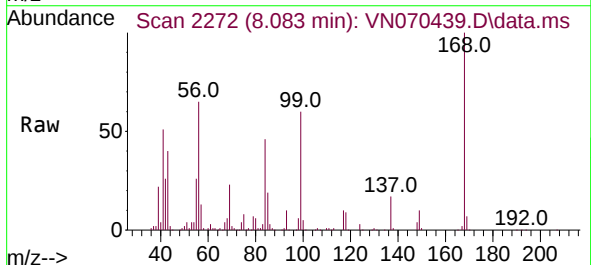
Tgt Ion: 75 Resp: 85445

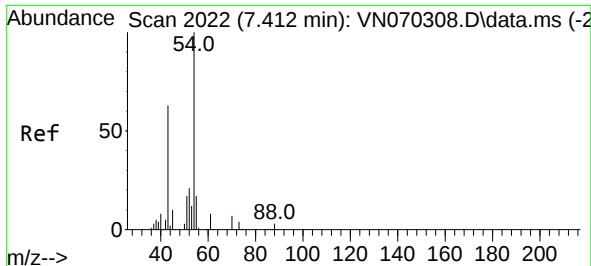
Ion Ratio Lower Upper

75 100

110 2.3 18.4 55.2#

77 7.2 24.4 36.6#





#37

Ethyl Acetate

Concen: 5.624 ug/l

RT: 7.335 min Scan# 19

Delta R.T. -0.077 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-2D

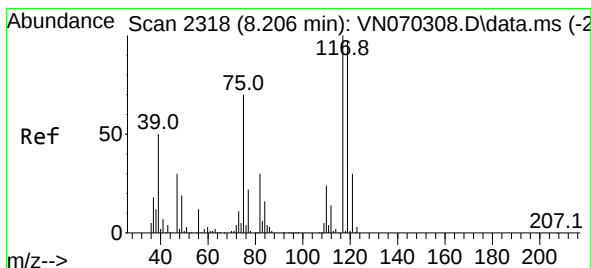
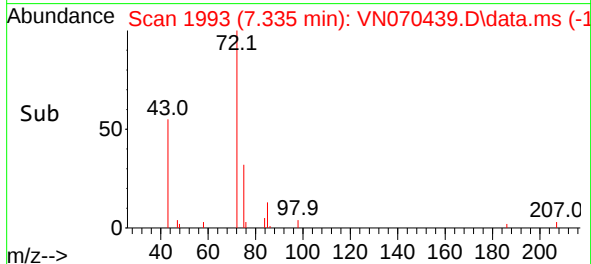
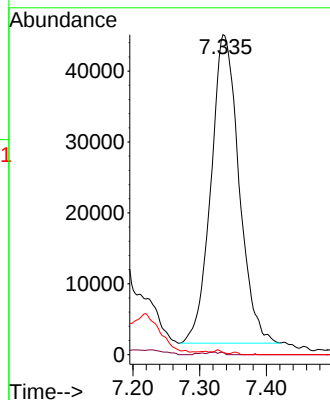
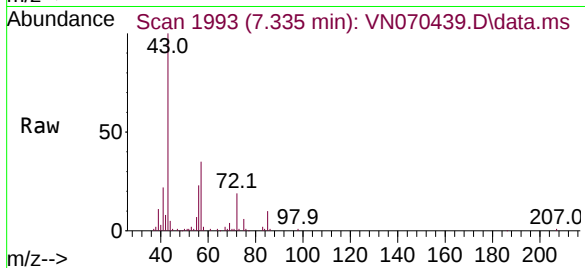
Tgt Ion: 43 Resp: 126999

Ion Ratio Lower Upper

43 100

61 0.1 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.059 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

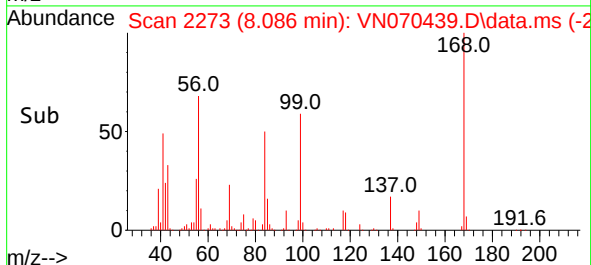
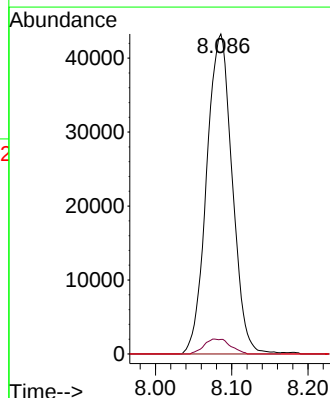
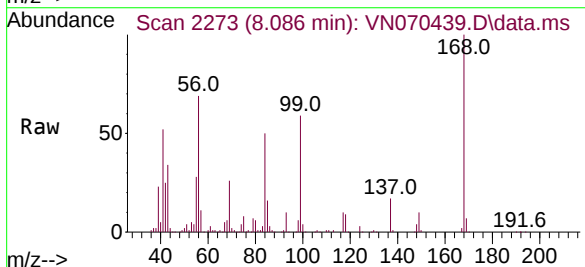
Tgt Ion: 117 Resp: 100785

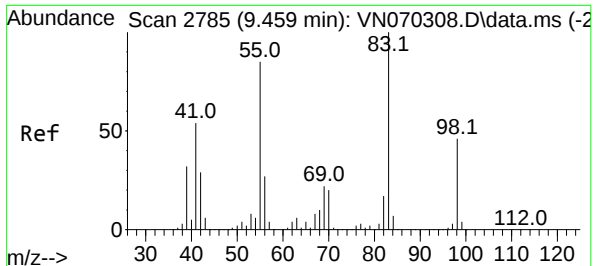
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 34.199 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-2D

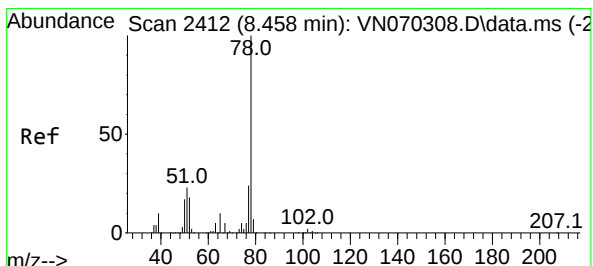
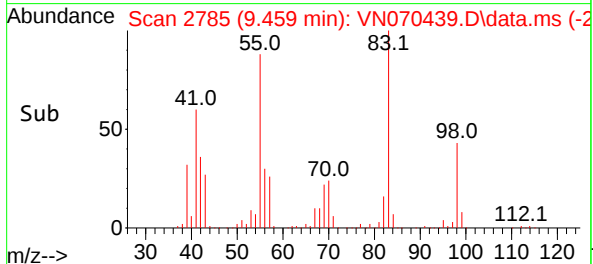
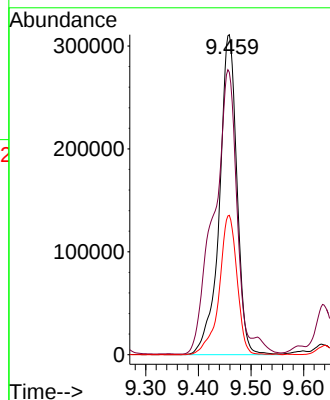
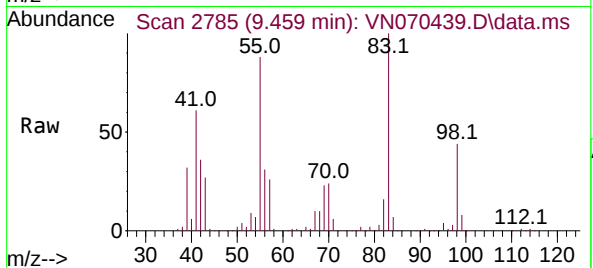
Tgt Ion: 83 Resp: 721240

Ion Ratio Lower Upper

83 100

55 88.1 58.1 87.1#

98 43.5 38.4 57.6



#40

Benzene

Concen: 0.365 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. 0.000 min

Lab File: VN070439.D

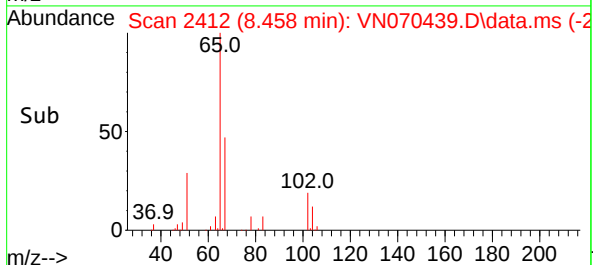
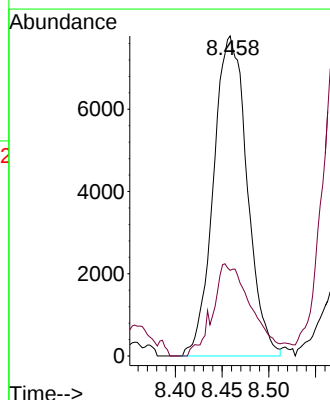
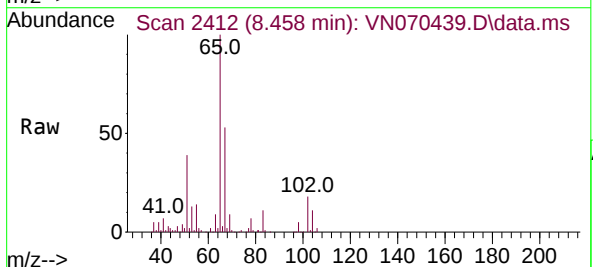
Acq: 3 Jan 2022 16:01

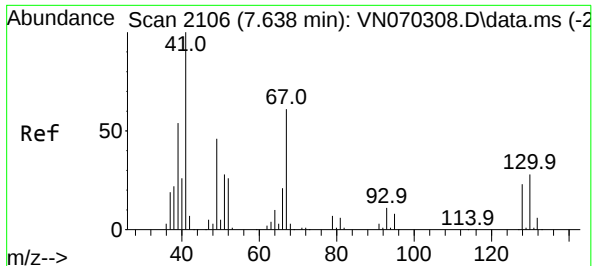
Tgt Ion: 78 Resp: 19518

Ion Ratio Lower Upper

78 100

77 26.8 18.6 27.8

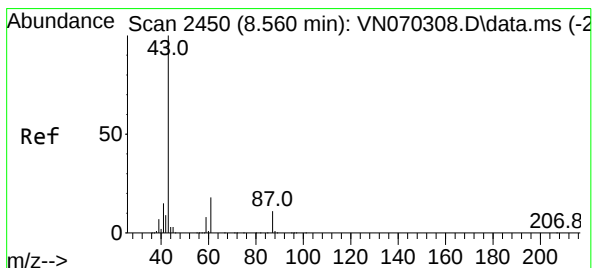
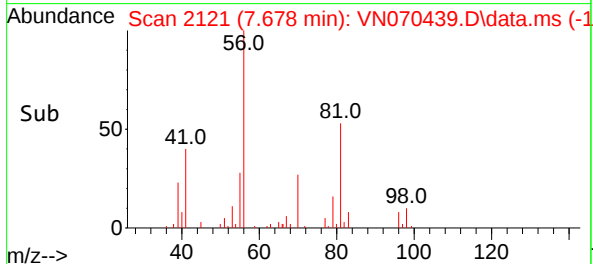
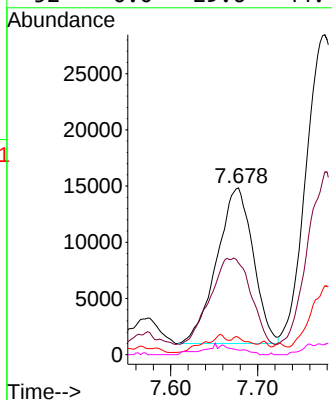
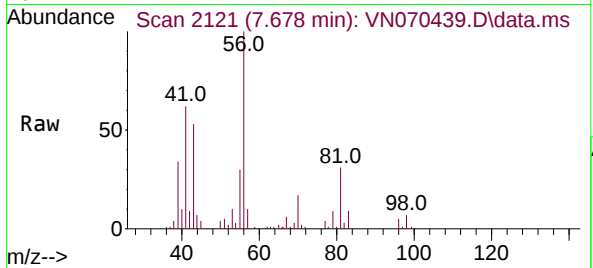




#41
Methacrylonitrile
Concen: 3.557 ug/l
RT: 7.678 min Scan# 2106
Delta R.T. 0.040 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

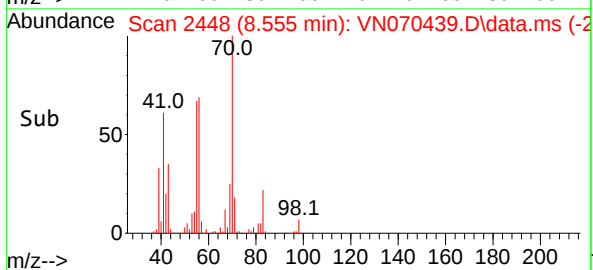
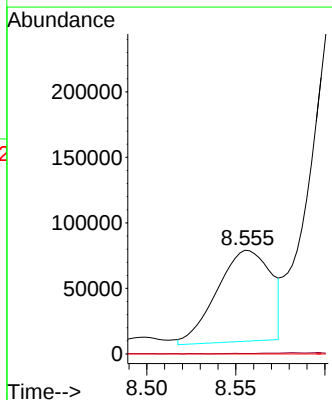
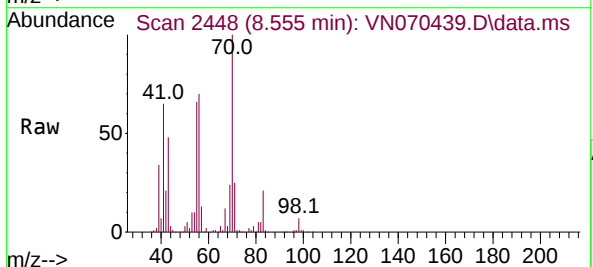
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

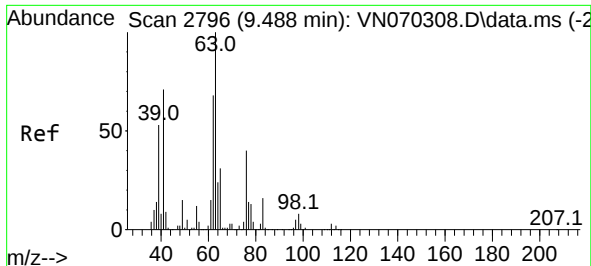
Tgt Ion:	41	Resp:	40174
Ion Ratio	Lower	Upper	
41	100		
39	0.0	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 4.144 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.005 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion:	43	Resp:	147536
Ion Ratio	Lower	Upper	
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#





#45

1,2-Dichloropropane

Concen: 0.283 ug/l

RT: 9.416 min Scan# 21

Delta R.T. -0.072 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

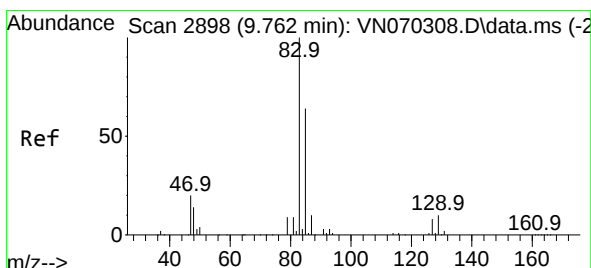
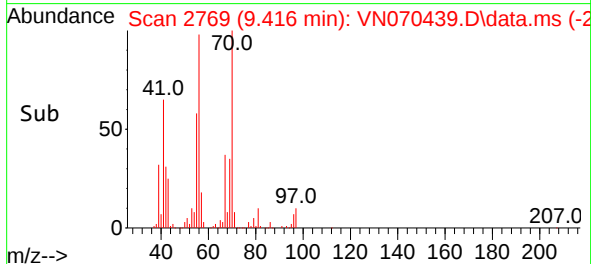
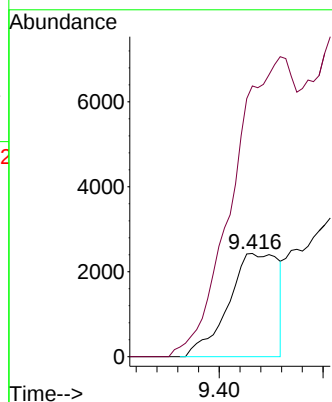
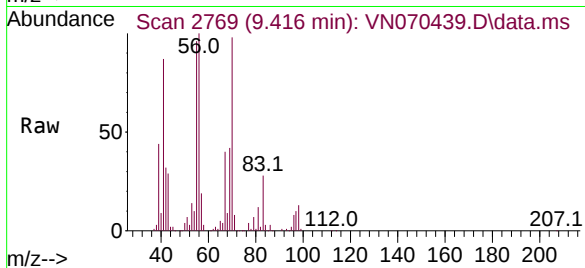
MW-2D

Tgt Ion: 63 Resp: 4071

Ion Ratio Lower Upper

63 100

65 252.8 24.7 37.1#



#47

Bromodichloromethane

Concen: 1.256 ug/l

RT: 9.740 min Scan# 2890

Delta R.T. -0.022 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

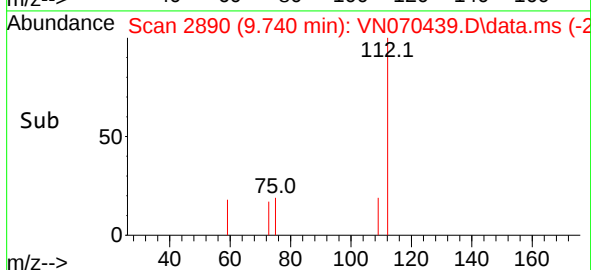
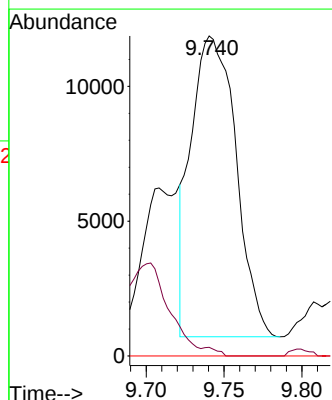
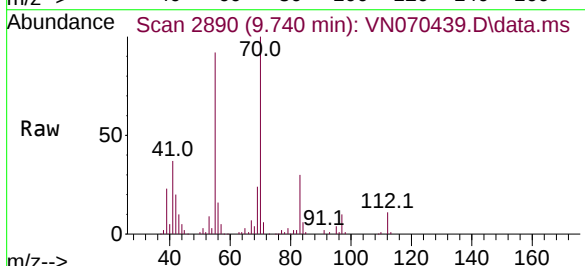
Tgt Ion: 83 Resp: 22300

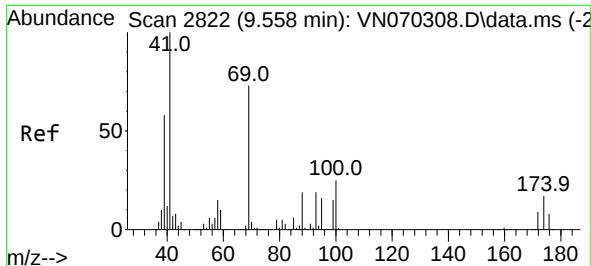
Ion Ratio Lower Upper

83 100

85 2.9 50.9 76.3#

127 0.0 7.1 10.7#

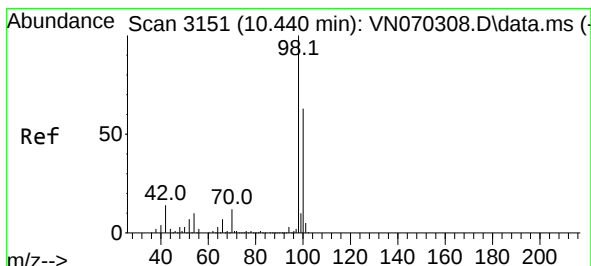
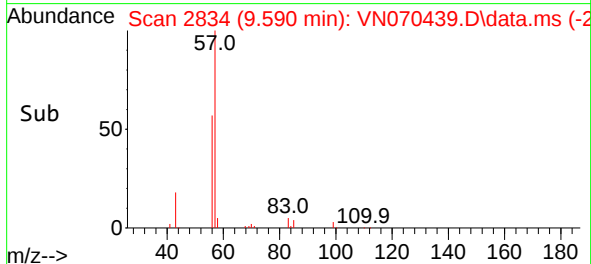
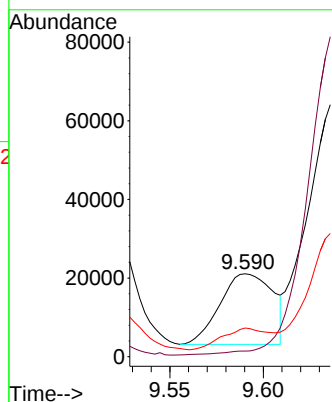
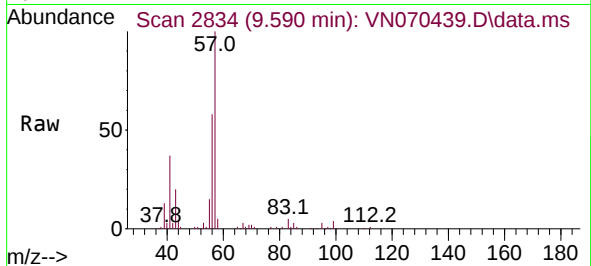




#48
Methyl methacrylate
Concen: 2.081 ug/l
RT: 9.590 min Scan# 21
Delta R.T. 0.032 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

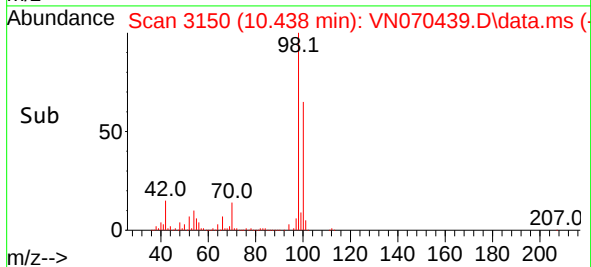
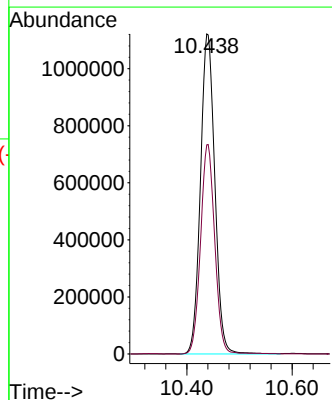
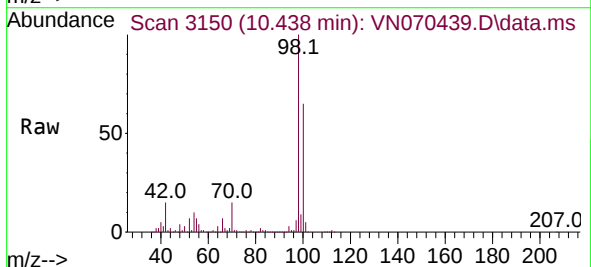
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

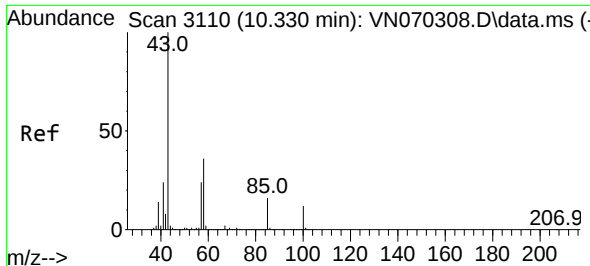
Tgt Ion: 41 Resp: 35329
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 98 Resp: 2121674
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

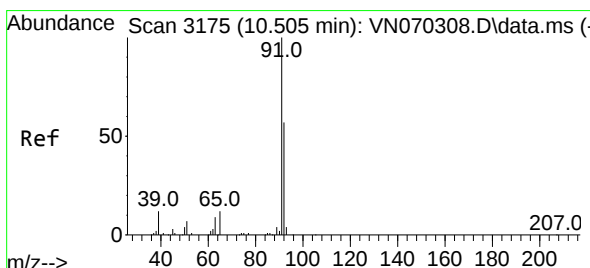
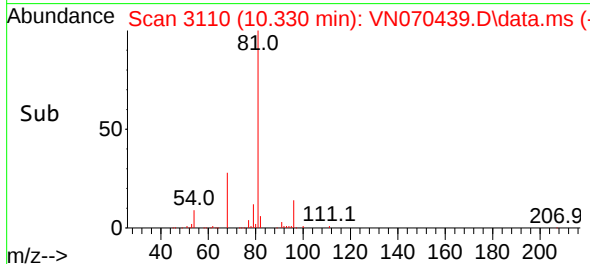
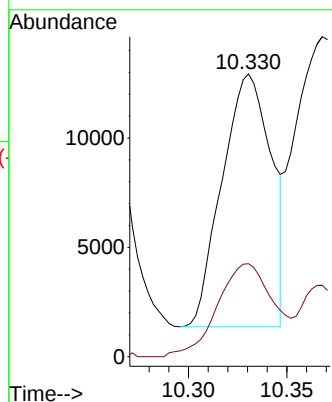
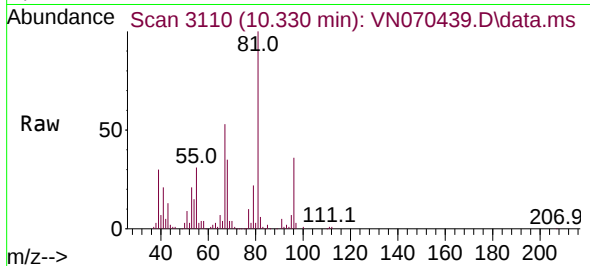




#51
4-Methyl-2-Pentanone
Concen: 0.898 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

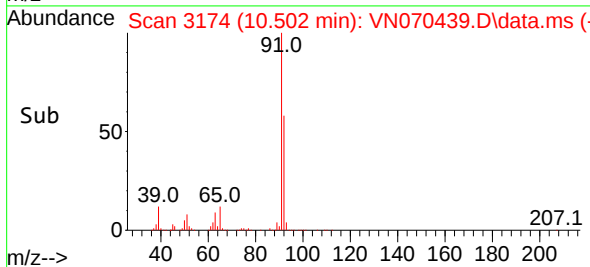
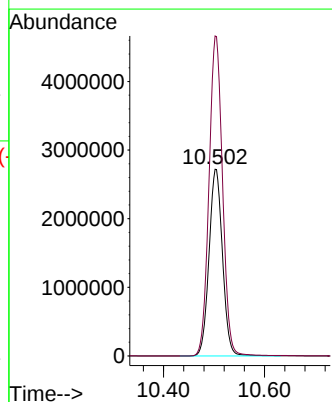
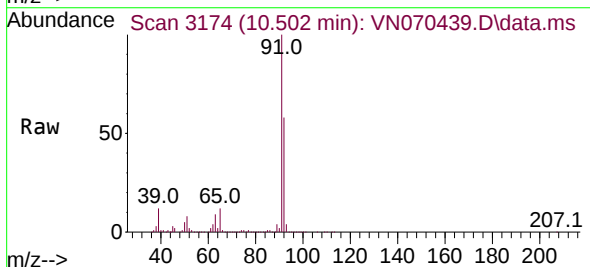
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

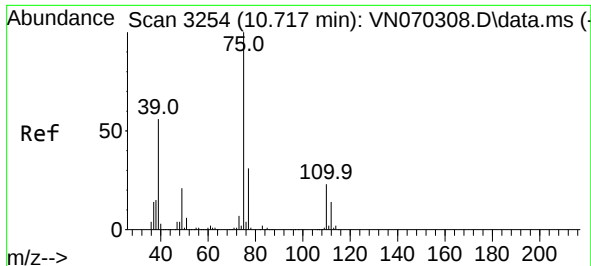
Tgt Ion: 43 Resp: 20080
Ion Ratio Lower Upper
43 100
58 42.0 30.4 45.6



#52
Toluene
Concen: 155.479 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 92 Resp: 5025967
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0

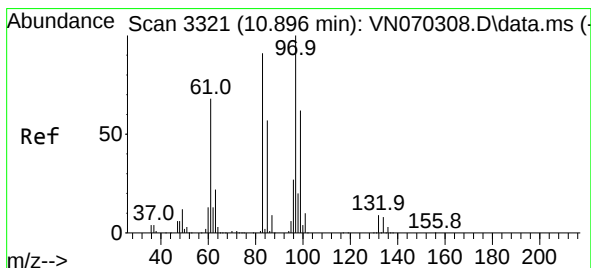
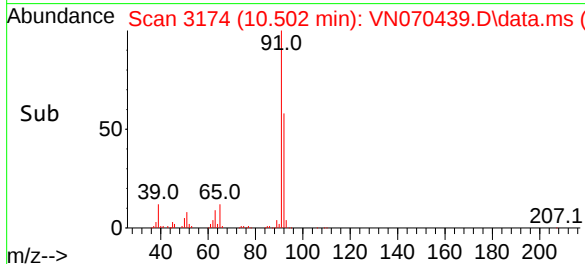
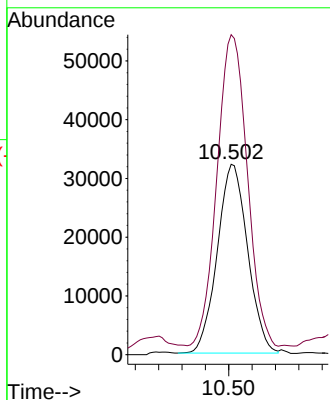
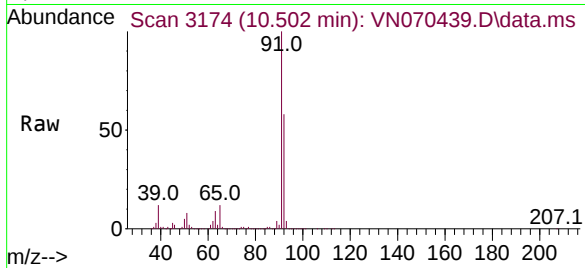




#53
t-1,3-Dichloropropene
Concen: 3.014 ug/l
RT: 10.502 min Scan# 3113
Delta R.T. -0.215 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

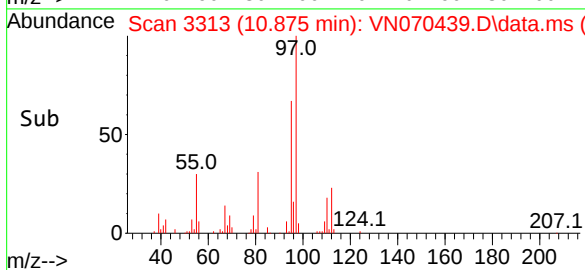
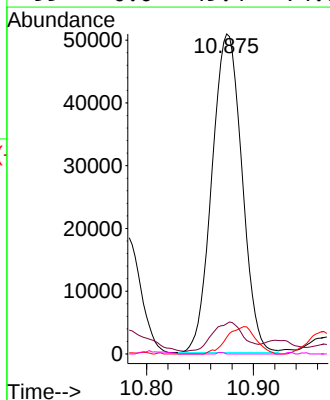
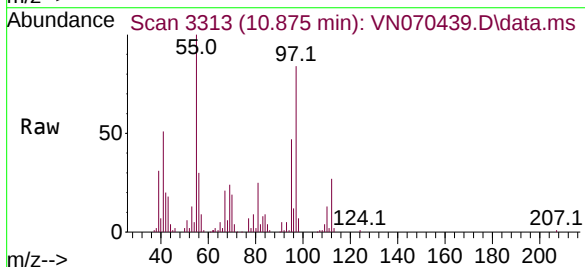
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

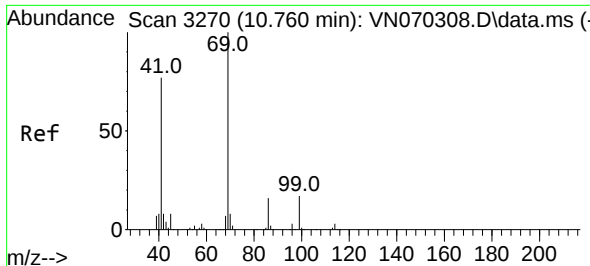
Tgt Ion: 75 Resp: 57934
Ion Ratio Lower Upper
75 100
77 164.9 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 7.736 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.021 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 97 Resp: 98945
Ion Ratio Lower Upper
97 100
83 8.4 67.8 101.6#
85 5.2 45.4 68.2#
99 0.0 49.4 74.0#

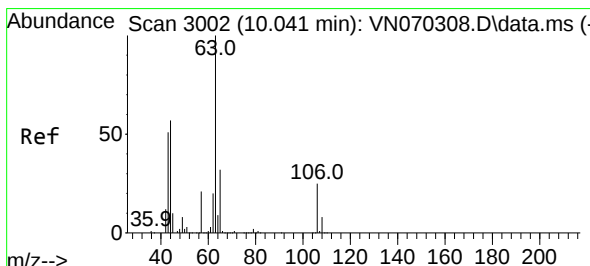
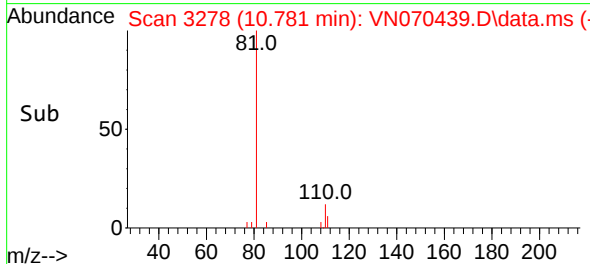
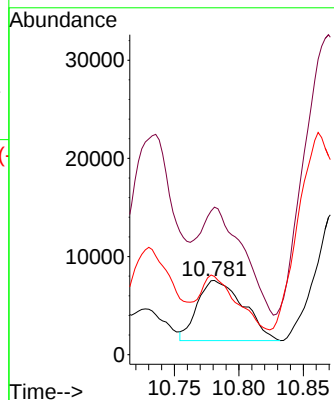
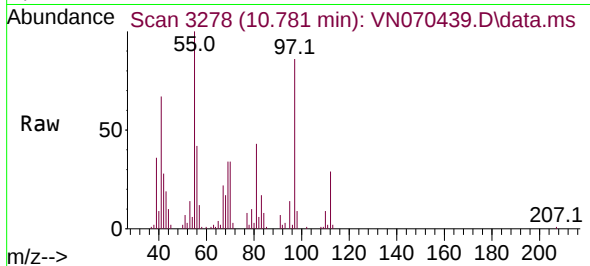




#56
Ethyl methacrylate
Concen: 0.719 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

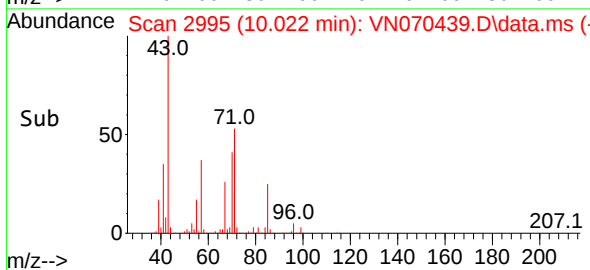
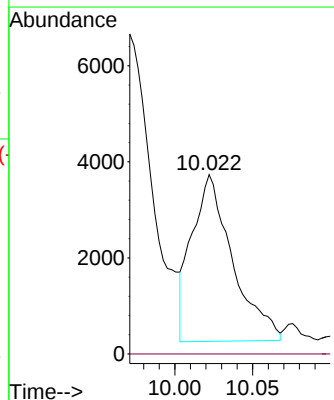
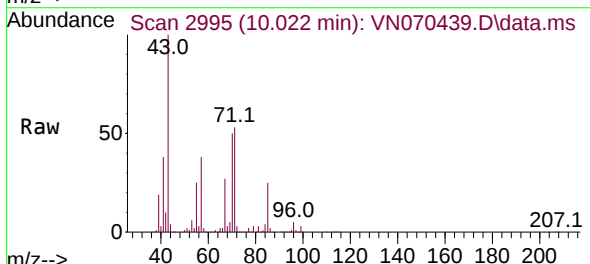
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

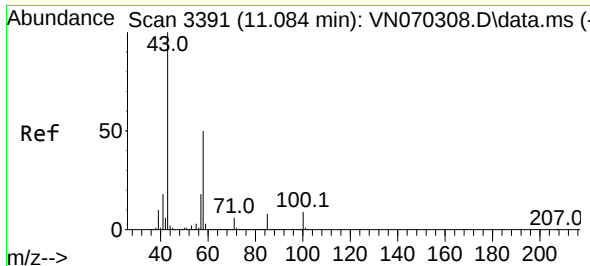
Tgt Ion: 69 Resp: 15205
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.591 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.019 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 63 Resp: 6283
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

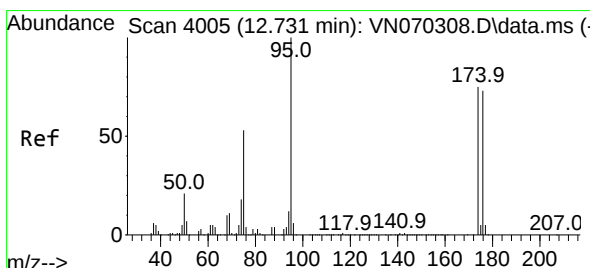
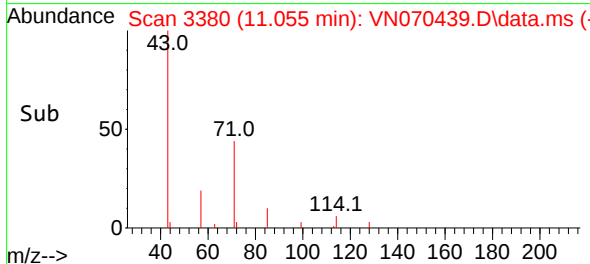
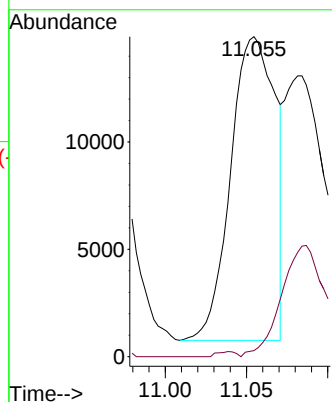
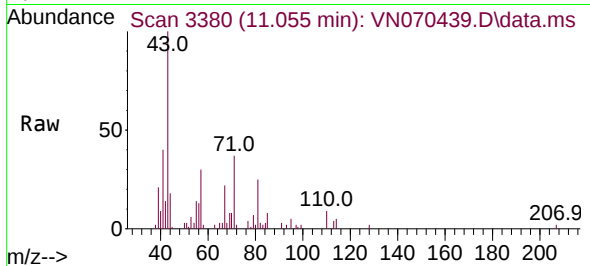




#59
2-Hexanone
Concen: 1.655 ug/l
RT: 11.055 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

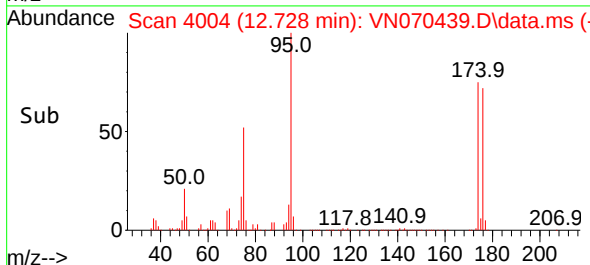
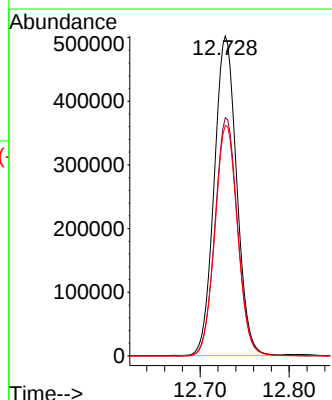
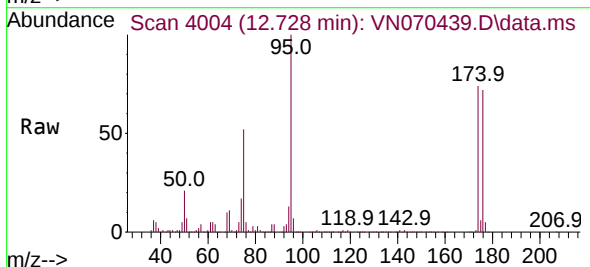
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

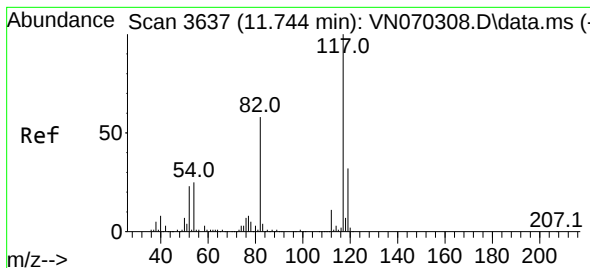
Tgt Ion: 43 Resp: 26993
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 56.529 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 95 Resp: 878276
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-2D

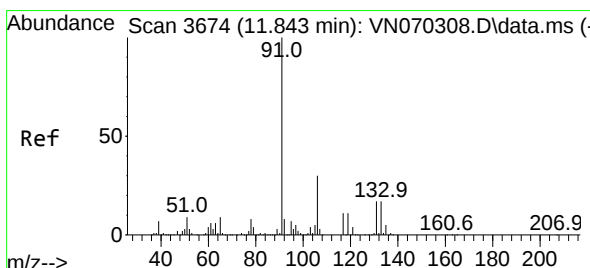
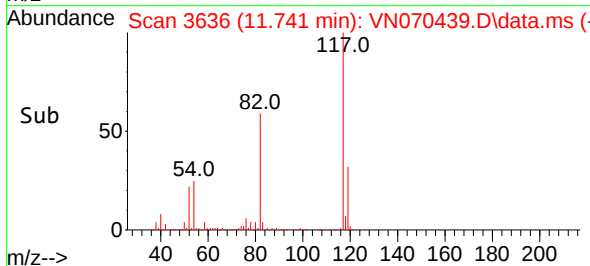
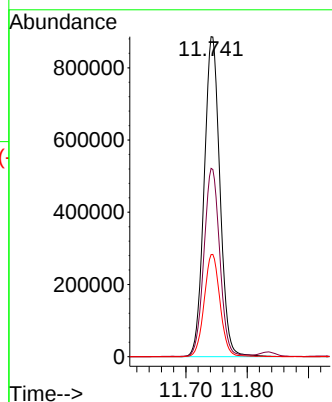
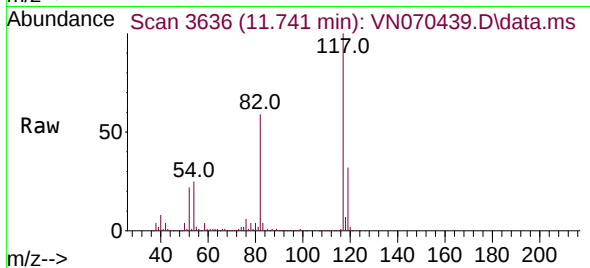
Tgt Ion:117 Resp: 1585592

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 31.9 25.4 38.2



#67

Ethyl Benzene

Concen: 241.214 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. 0.000 min

Lab File: VN070439.D

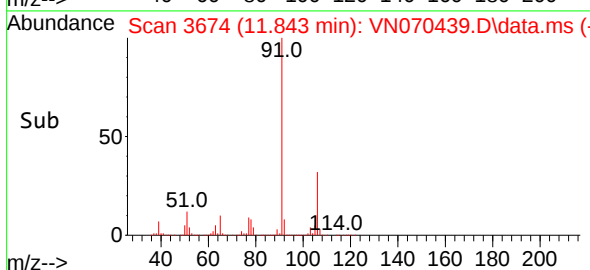
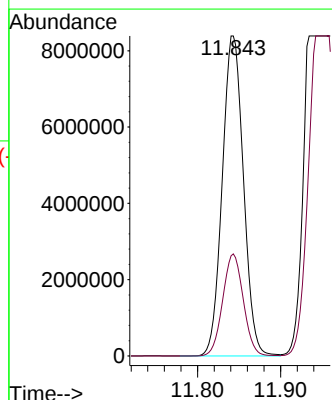
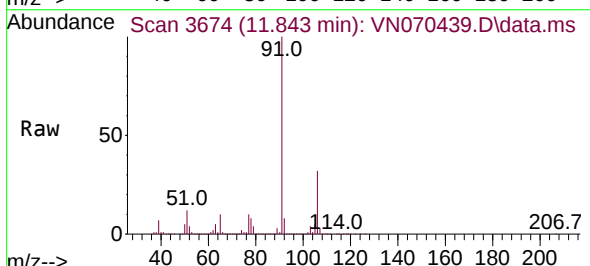
Acq: 3 Jan 2022 16:01

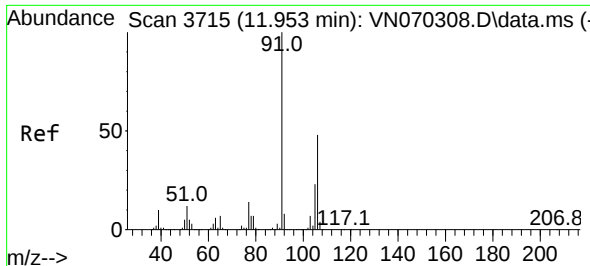
Tgt Ion: 91 Resp:14868750

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5

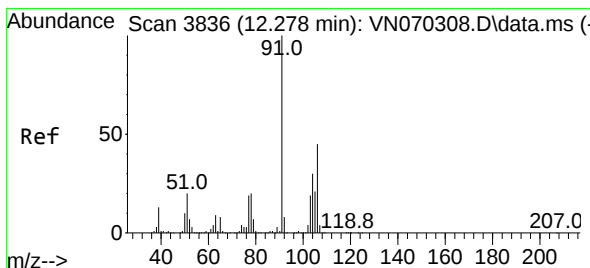
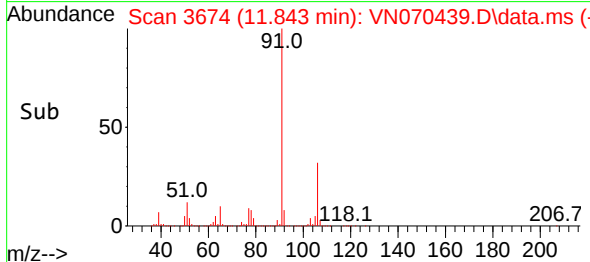
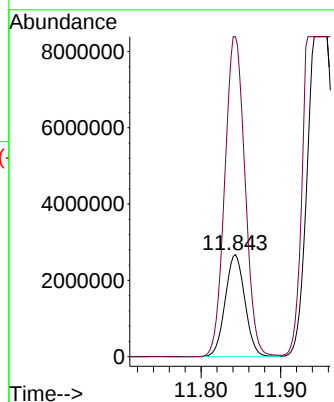
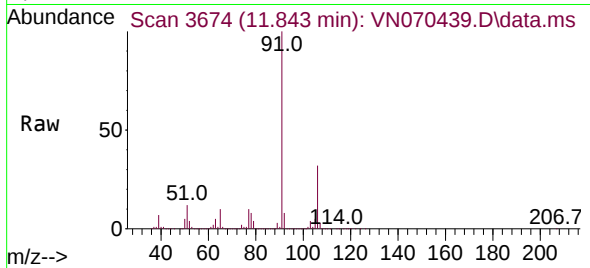




#68
m/p-Xylenes
Concen: 205.358 ug/l
RT: 11.843 min Scan# 3715
Delta R.T. -0.110 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

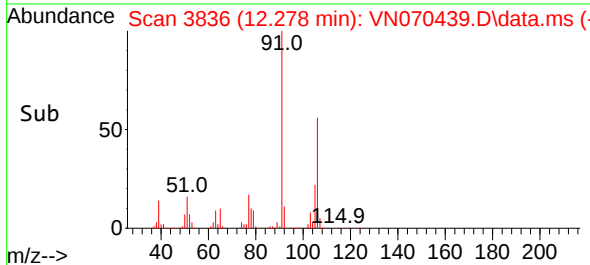
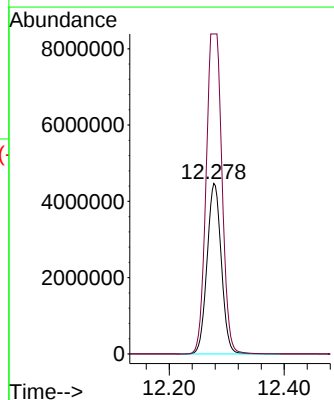
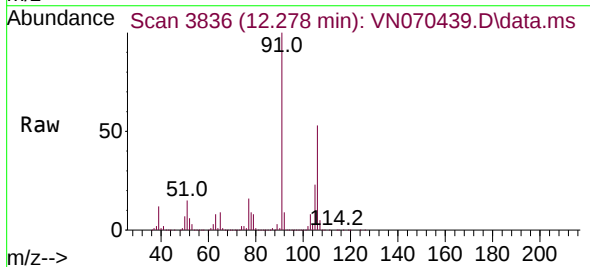
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

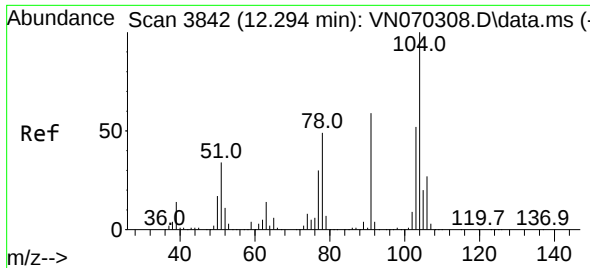
Tgt Ion:106 Resp: 4607791
Ion Ratio Lower Upper
106 100
91 322.7 160.6 240.8#



#69
o-Xylene
Concen: 343.570 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion:106 Resp: 7667801
Ion Ratio Lower Upper
106 100
91 0.0 105.8 317.3#

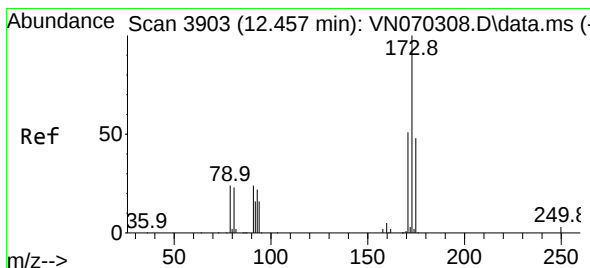
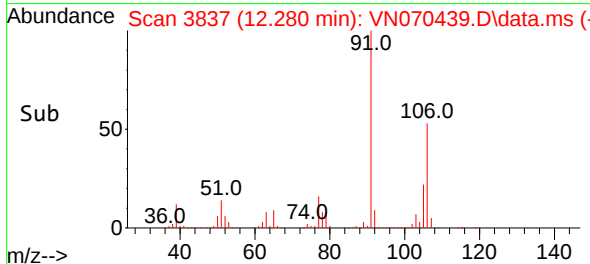
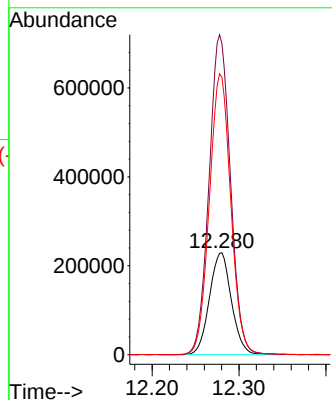
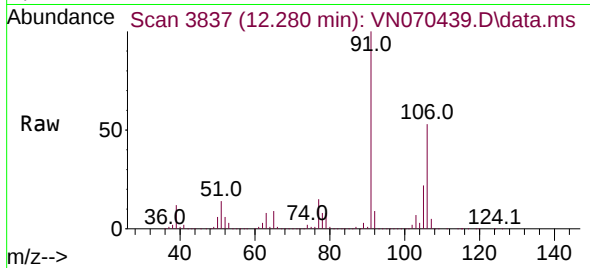




#70
Styrene
Concen: 11.417 ug/l
RT: 12.280 min Scan# 3842
Delta R.T. -0.014 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

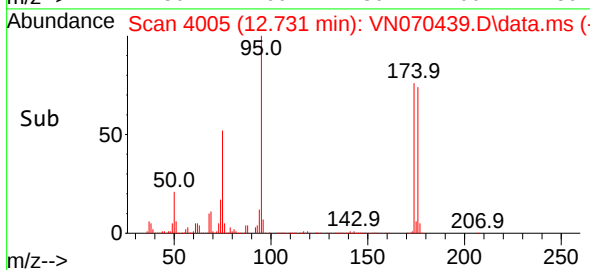
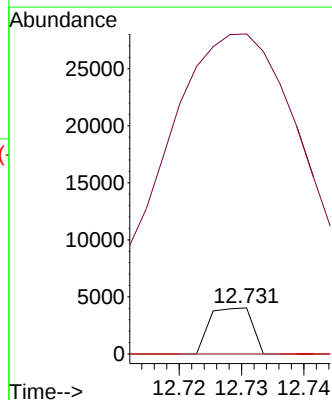
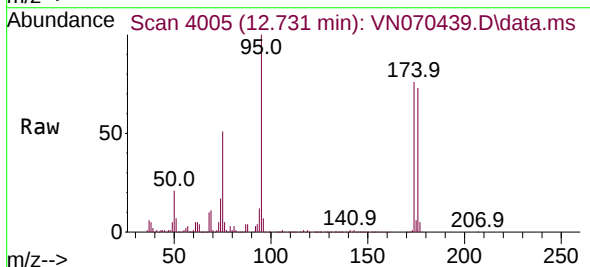
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

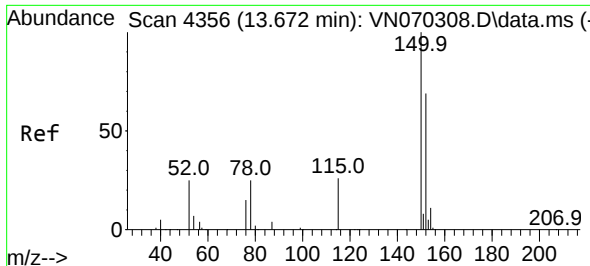
Tgt Ion:104 Resp: 403291
Ion Ratio Lower Upper
104 100
78 304.4 38.7 58.1#
103 268.4 45.0 67.6#



#71
Bromoform
Concen: 0.212 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion:173 Resp: 1891
Ion Ratio Lower Upper
173 100
175 2480.9 24.2 72.6#
254 0.0 0.0 0.0

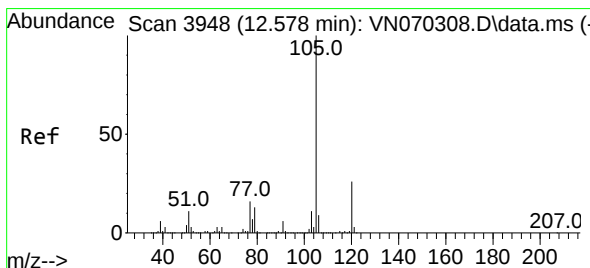
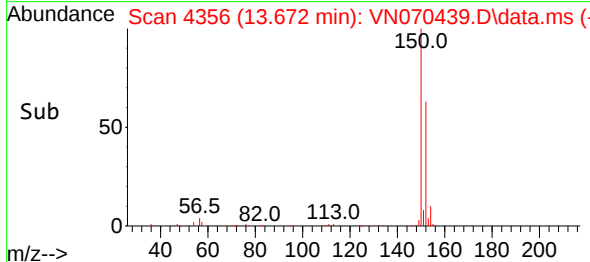
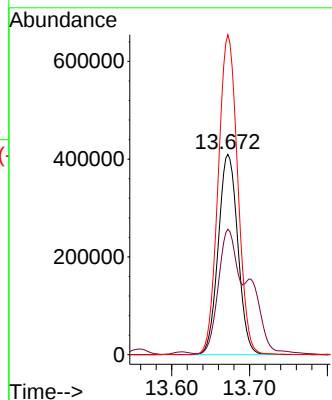
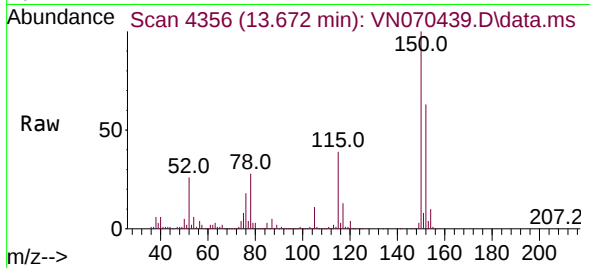




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

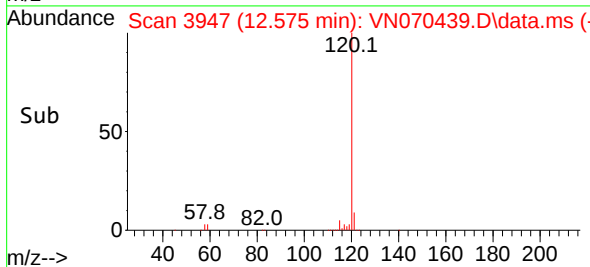
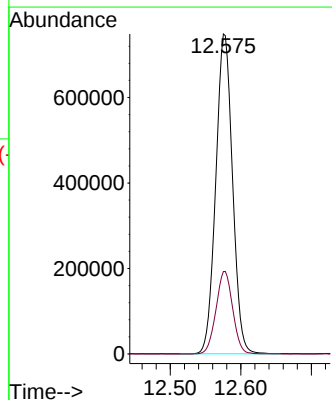
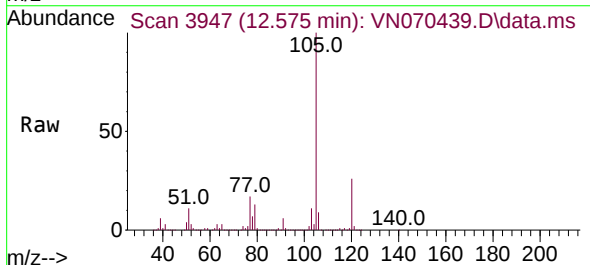
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

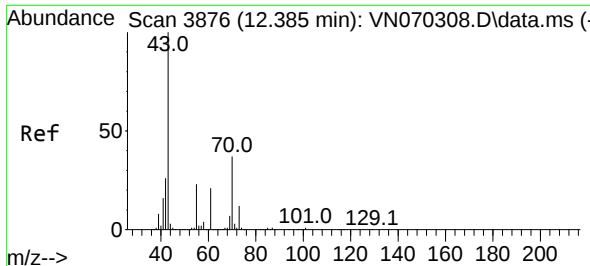
Tgt Ion:152 Resp: 713491
Ion Ratio Lower Upper
152 100
115 62.8 27.5 82.5
150 159.4 0.0 344.4



#73
Isopropylbenzene
Concen: 18.610 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

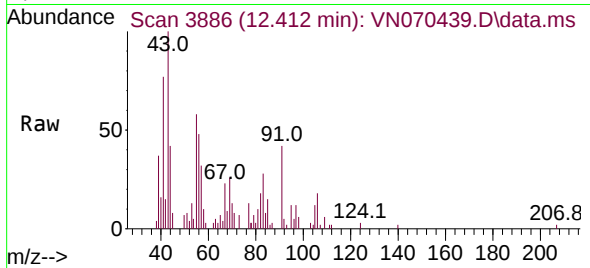
Tgt Ion:105 Resp: 1233086
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



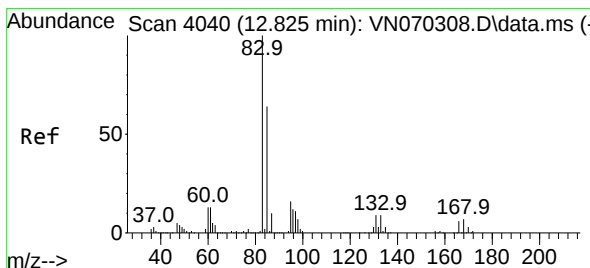
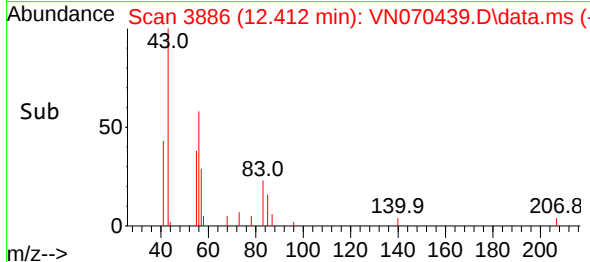
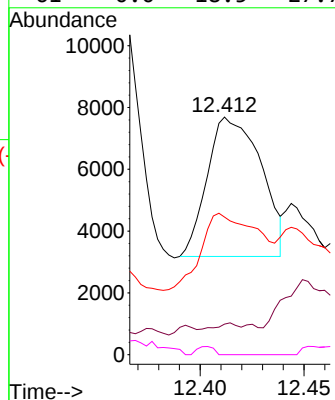


#74
N-amy1 acetate
Concen: 0.291 ug/l
RT: 12.412 min Scan# 3886
Delta R.T. 0.027 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-2D

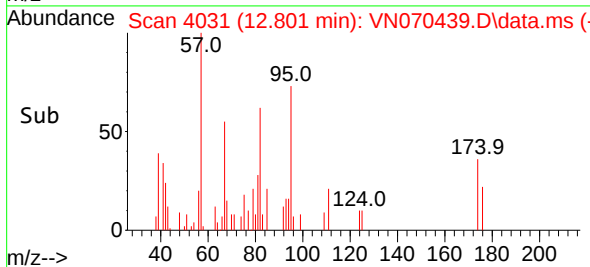
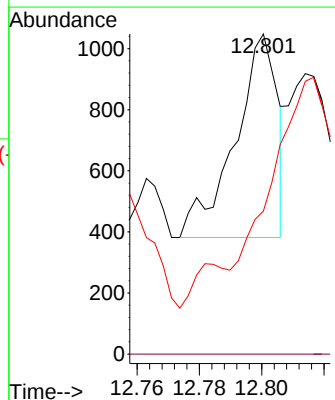
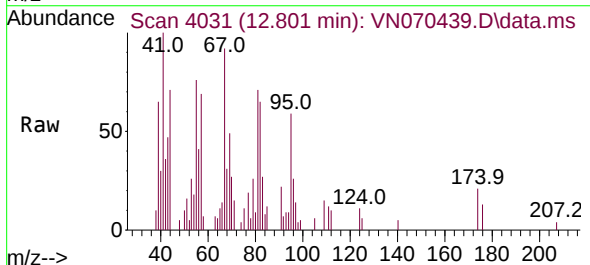


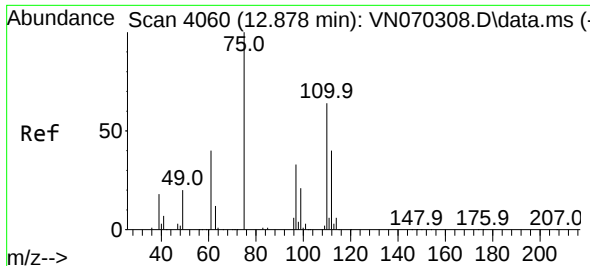
Tgt Ion: 43 Resp: 8114
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 60.5 19.3 28.9#
61 0.0 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.473 ug/l
RT: 12.801 min Scan# 4031
Delta R.T. -0.024 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 83 Resp: 630
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 113.0 32.4 97.2#

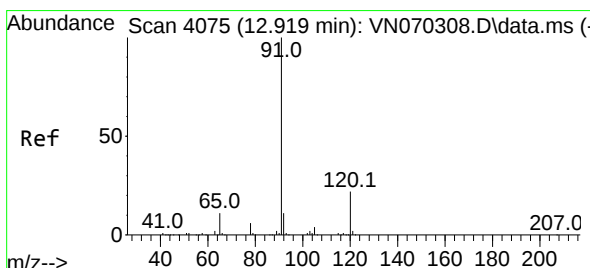
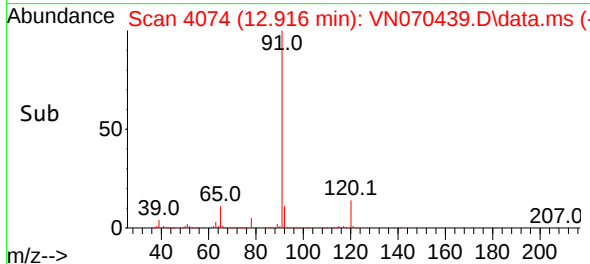
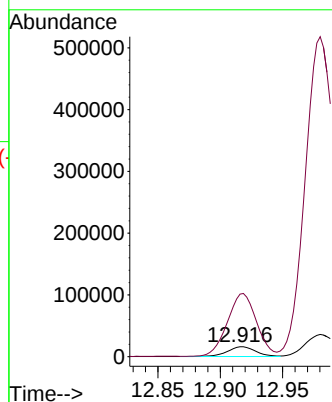
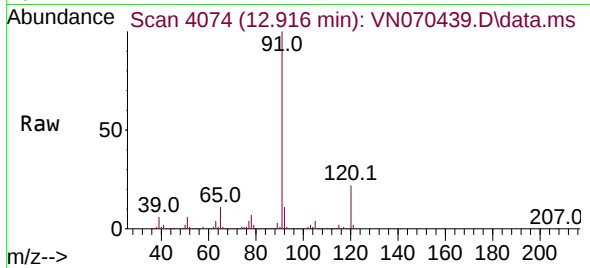




#76
1,2,3-Trichloropropane
Concen: 3.874 ug/l
RT: 12.916 min Scan# 4060
Delta R.T. 0.038 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

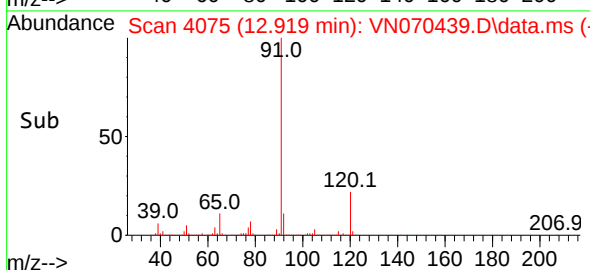
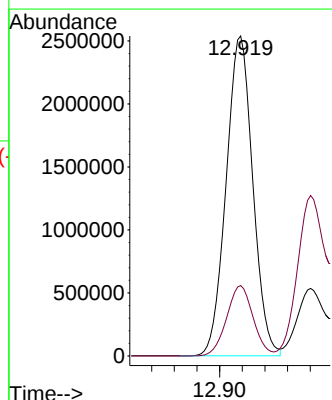
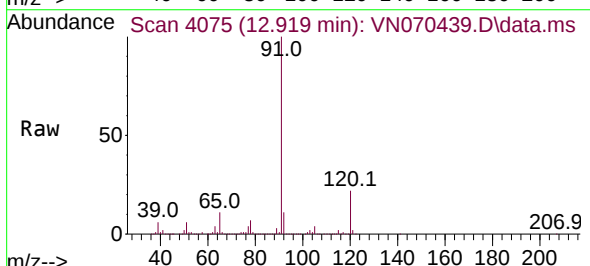
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

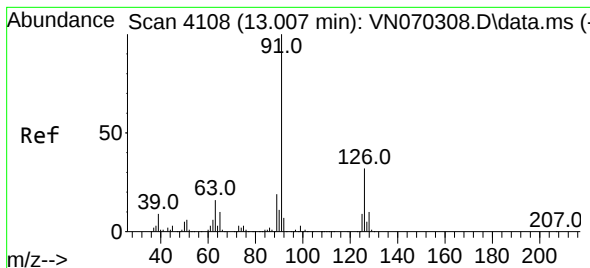
Tgt Ion: 75 Resp: 25470
Ion Ratio Lower Upper
75 100
77 646.9 82.6 247.8#



#78
n-propylbenzene
Concen: 56.465 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 91 Resp: 4145284
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 12.955 ug/l

RT: 13.012 min Scan# 4110

Delta R.T. 0.005 min

Lab File: VN070439.D

Acq: 3 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

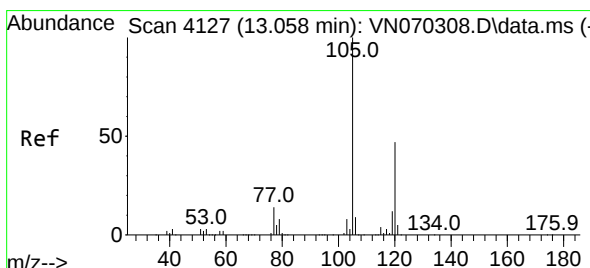
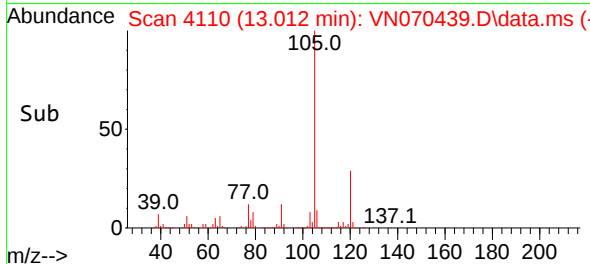
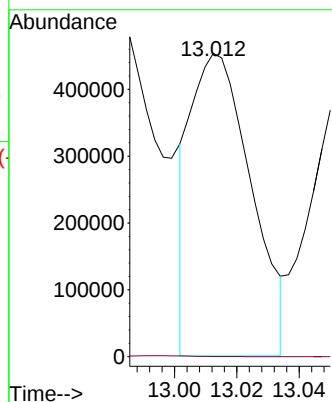
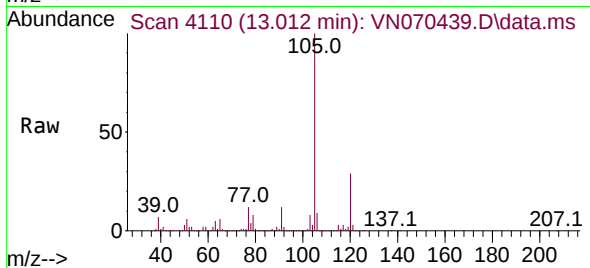
MW-2D

Tgt Ion: 91 Resp: 610242

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 121.293 ug/l

RT: 13.055 min Scan# 4126

Delta R.T. -0.003 min

Lab File: VN070439.D

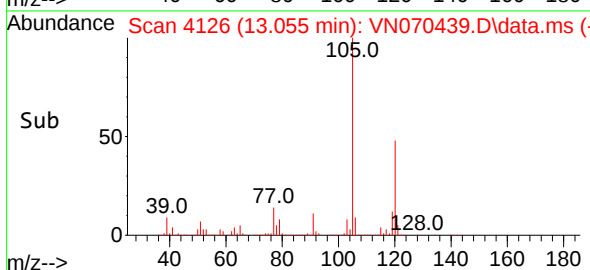
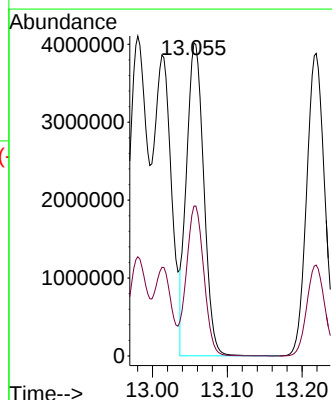
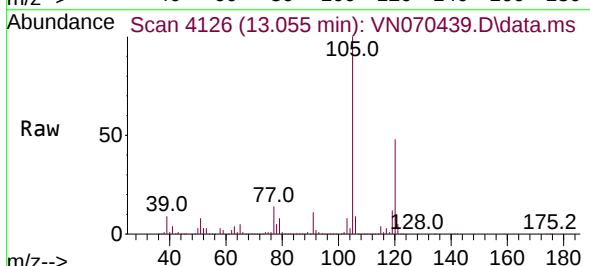
Acq: 3 Jan 2022 16:01

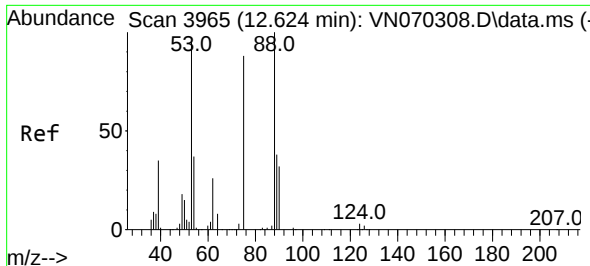
Tgt Ion:105 Resp: 6440200

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6

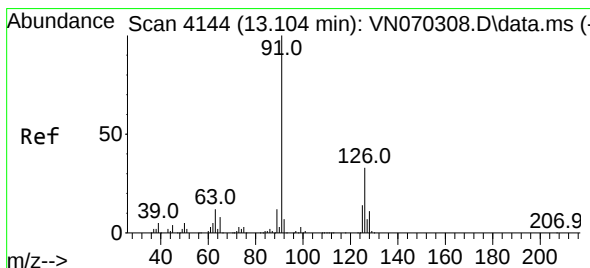
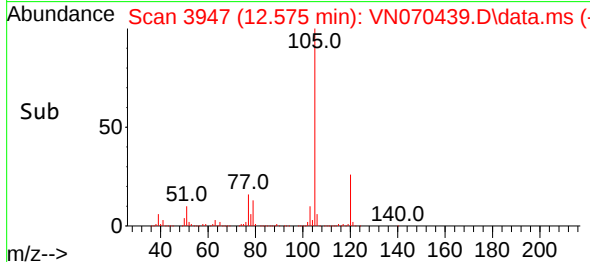
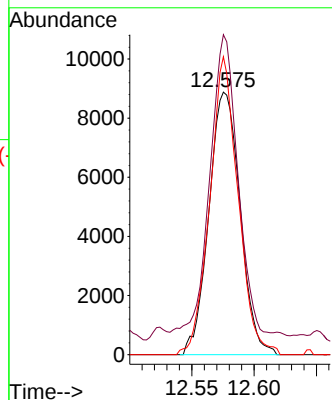
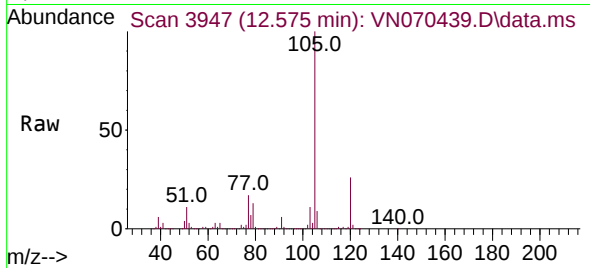




#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.652 ug/l
 RT: 12.575 min Scan# 3965
 Delta R.T. -0.049 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

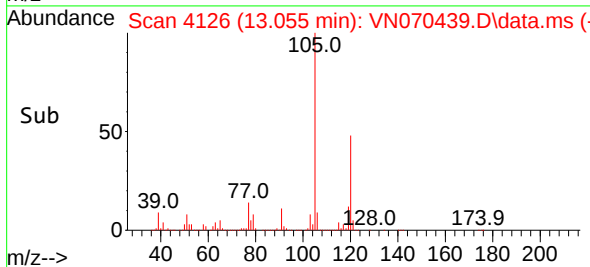
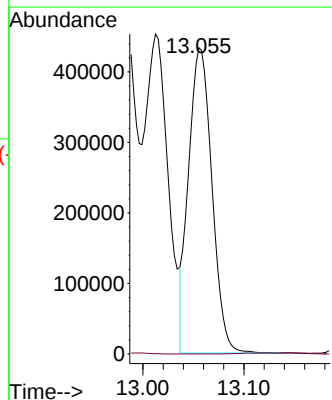
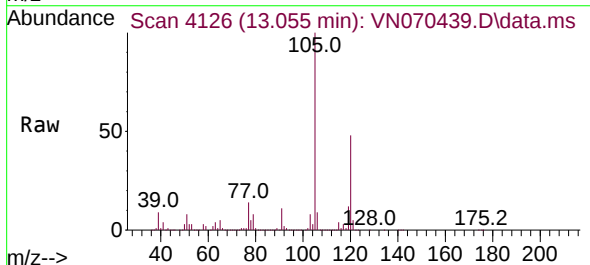
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D

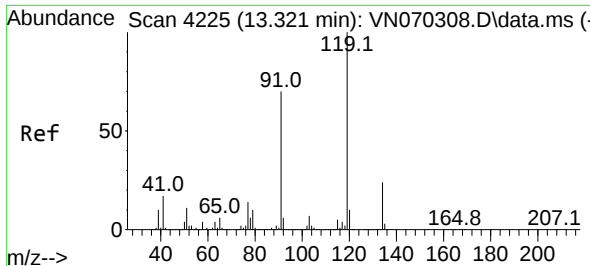
Tgt Ion: 75 Resp: 15485
 Ion Ratio Lower Upper
 75 100
 53 99.3 90.5 135.7
 89 102.8 38.2 57.4#



#82
 4-Chlorotoluene
 Concen: 15.765 ug/l
 RT: 13.055 min Scan# 4126
 Delta R.T. -0.049 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

Tgt Ion: 91 Resp: 695611
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.2 54.6#

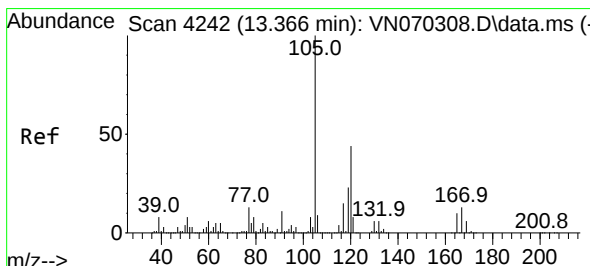
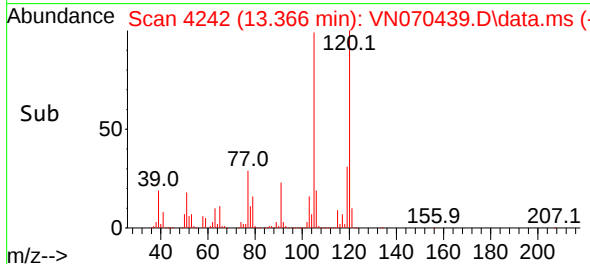
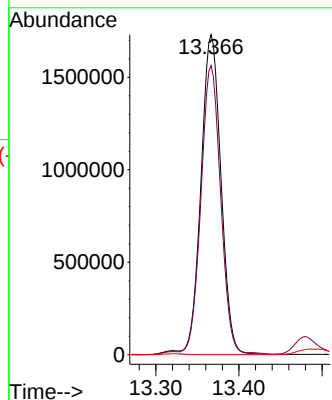
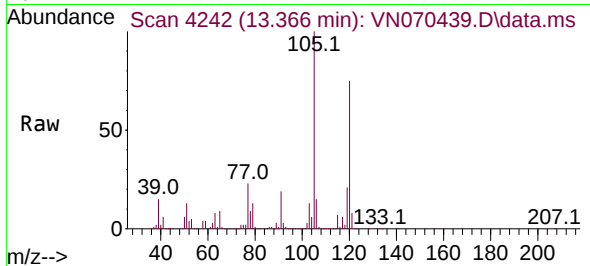




#83
tert-Butylbenzene
Concen: 61.435 ug/l
RT: 13.366 min Scan# 4187
Delta R.T. 0.045 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

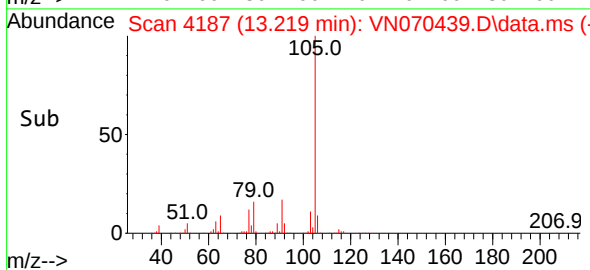
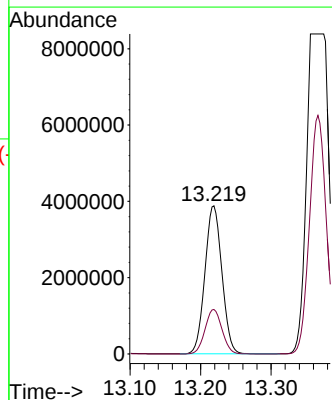
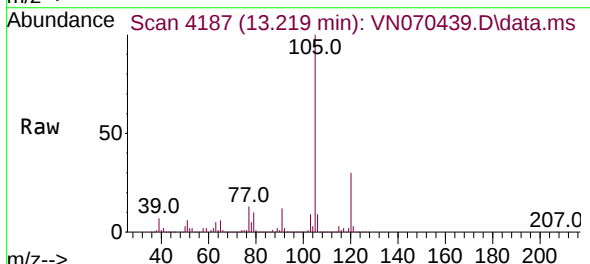
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

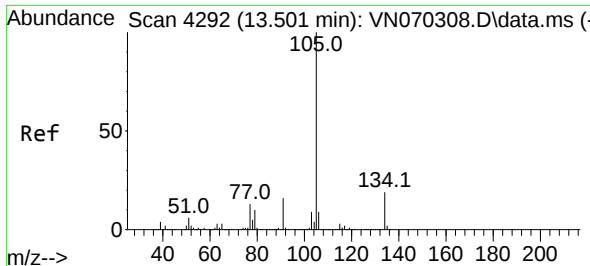
Tgt Ion:119 Resp: 2872271
Ion Ratio Lower Upper
119 100
91 89.6 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 127.020 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. -0.147 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion:105 Resp: 6494246
Ion Ratio Lower Upper
105 100
120 30.0 22.8 68.4

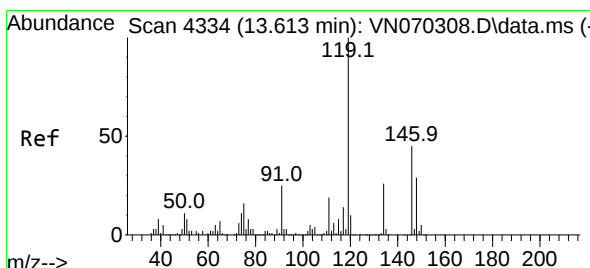
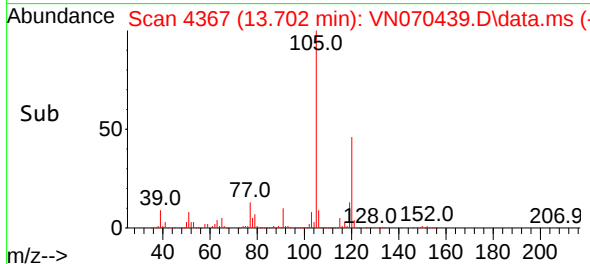
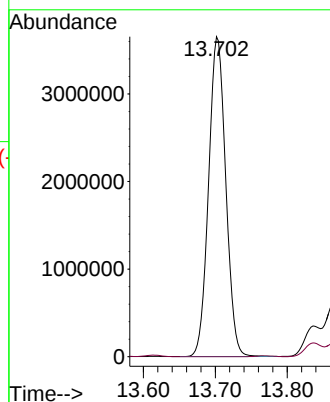
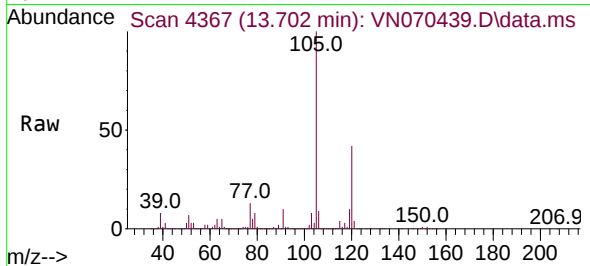




#85
 sec-Butylbenzene
 Concen: 95.570 ug/l
 RT: 13.702 min Scan# 41
 Delta R.T. 0.201 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

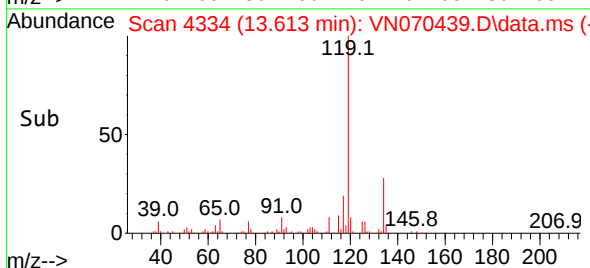
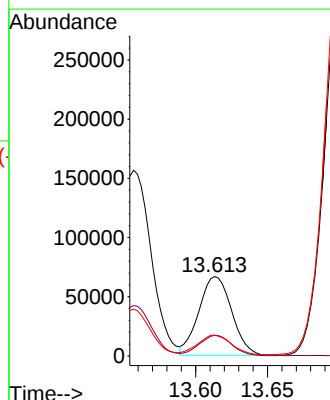
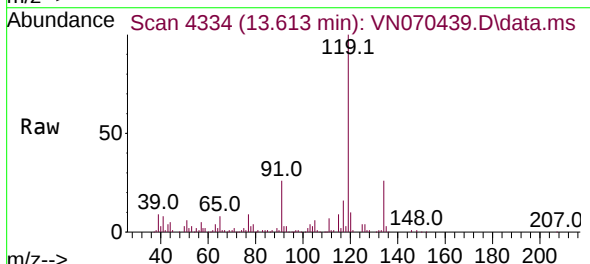
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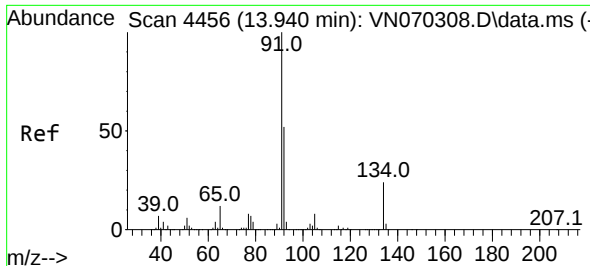
Tgt Ion:105 Resp: 6066332
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.116 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

Tgt Ion:119 Resp: 105514
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 0.0 11.4 34.1#

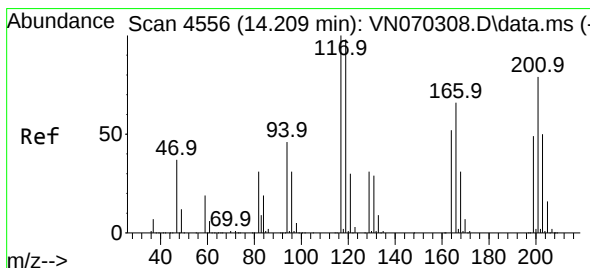
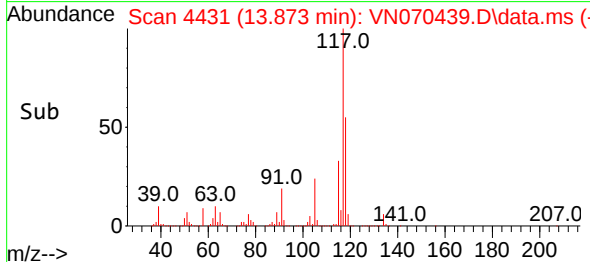
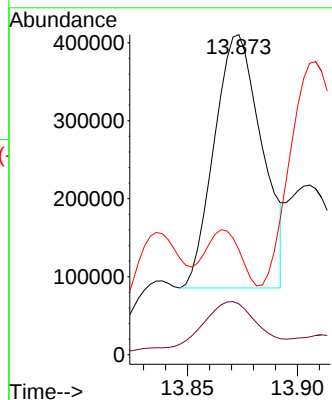
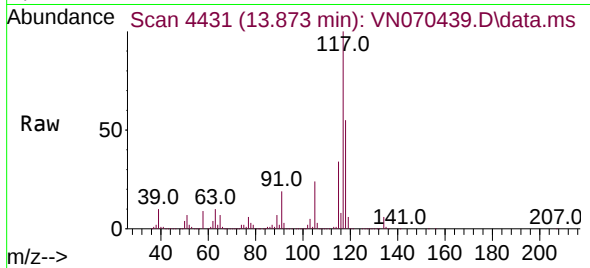




#89
n-Butylbenzene
Concen: 11.769 ug/l
RT: 13.873 min Scan# 4456
Delta R.T. -0.067 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

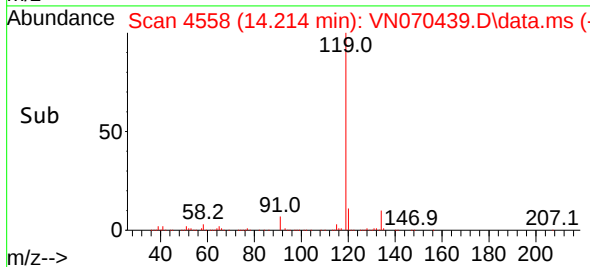
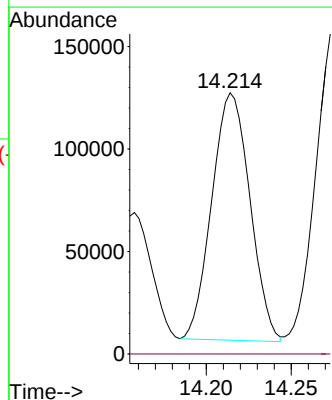
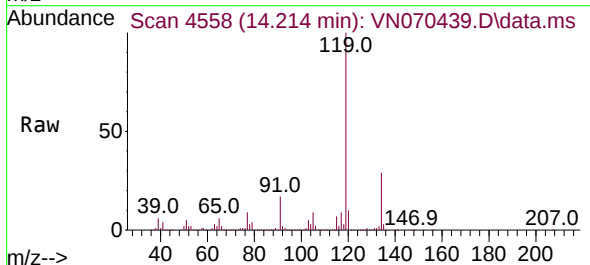
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

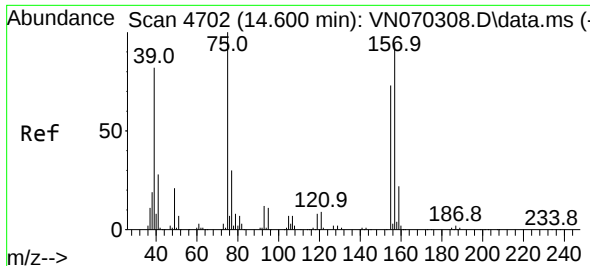
Tgt Ion: 91 Resp: 489481
Ion Ratio Lower Upper
91 100
92 27.6 25.4 76.0
134 23.5 13.6 40.8



#90
Hexachloroethane
Concen: 21.763 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 117 Resp: 188515
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

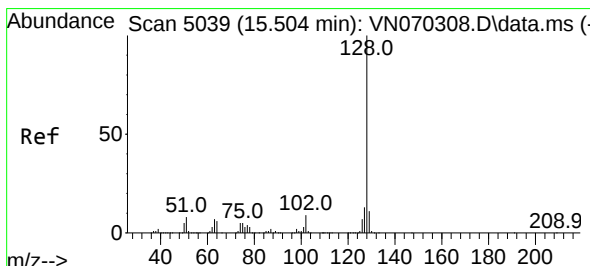
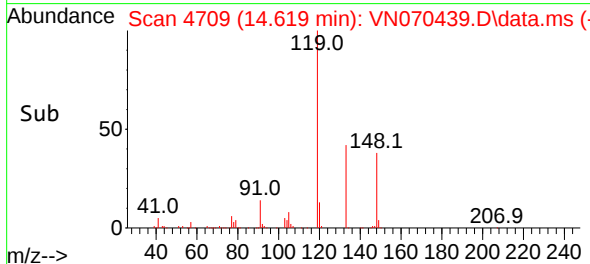
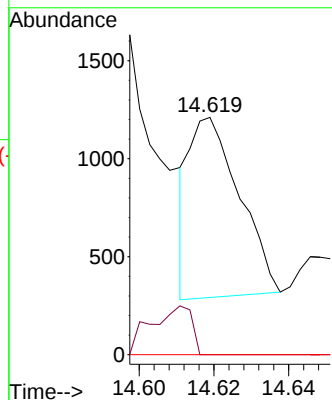
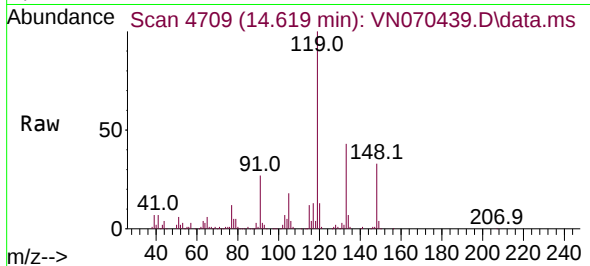




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.223 ug/l
RT: 14.619 min Scan# 41
Delta R.T. 0.019 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

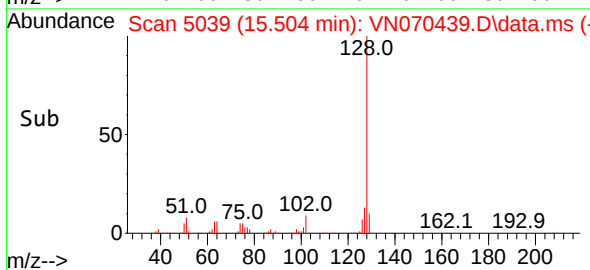
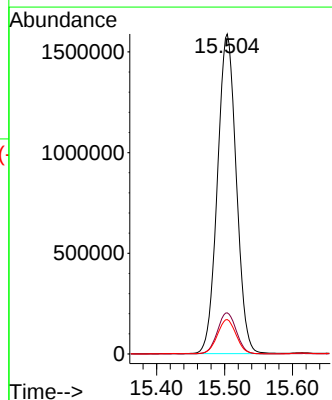
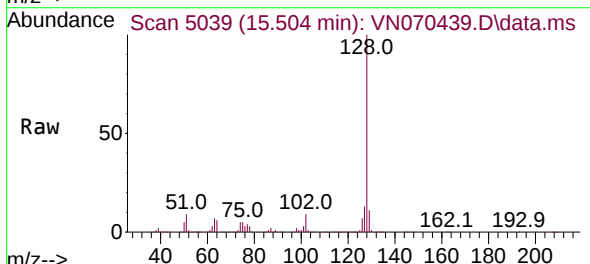
Instrument :
MSVOA_N
ClientSampleId :
MW-2D

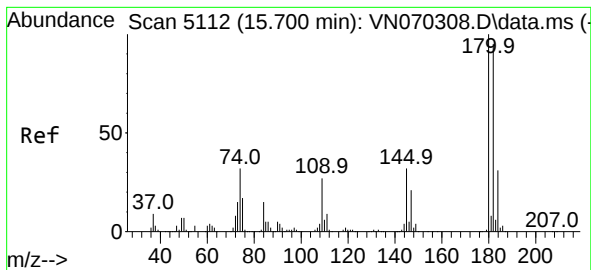
Tgt Ion: 75 Resp: 856
Ion Ratio Lower Upper
75 100
155 21.8 46.9 140.7#
157 0.0 60.6 181.7#



#95
Naphthalene
Concen: 92.558 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070439.D
Acq: 3 Jan 2022 16:01

Tgt Ion: 128 Resp: 3060522
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.930 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070439.D
 Acq: 3 Jan 2022 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2D

Tgt Ion:180 Resp: 1194
 Ion Ratio Lower Upper
 180 100
 182 141.7 47.4 142.2
 145 0.0 15.0 45.1#

