

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063950.D
 Acq On : 7 Oct 2020 18:07
 Operator : JC/MD
 Sample : L4250-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08

Quant Time: Oct 08 05:02:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	471010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	277735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	198028	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
35) Dibromofluoromethane	7.55	113	144382	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.06	98	580287	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.38	95	271047	61.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	1946	0.618	ug/l #	88
11) Tert butyl alcohol	4.74	59	7031	15.165	ug/l #	71
13) Acrolein	3.53	56	1838	6.459	ug/l #	1
14) Allyl chloride	4.39	41	7698	1.619	ug/l #	70
15) Acrylonitrile	5.00	53	4712	3.551	ug/l #	39
16) Acetone	3.78	43	33120	25.620	ug/l	94
17) Carbon Disulfide	4.02	76	2067	0.995	ug/l #	71
18) Methyl Acetate	4.49	43	43548	12.974	ug/l #	54
19) Methyl tert-butyl Ether	4.99	73	164163	17.653	ug/l #	1
20) Methylene Chloride	4.51	84	3357	1.230	ug/l #	79
25) 2-Butanone	6.80	43	10826	5.907	ug/l	98
26) 2,2-Dichloropropane	6.58	77	5292	1.033	ug/l #	54
30) Chloroform	7.28	83	2246	0.385	ug/l #	16
31) Cyclohexane	7.61	56	244862	50.224	ug/l	97
36) 1,1-Dichloropropene	7.62	75	23039	5.062	ug/l #	46
37) Ethyl Acetate	6.80	43	10826	2.394	ug/l #	70
38) Carbon Tetrachloride	7.63	117	27302	5.350	ug/l #	14
39) Methylcyclohexane	9.05	83	200589	44.197	ug/l	99
40) Benzene	8.00	78	1403026	107.932	ug/l	100
41) Methacrylonitrile	7.12	41	518	0.258	ug/l #	31
42) 1,2-Dichloroethane	8.01	62	13303	2.397	ug/l	98
43) Isopropyl Acetate	8.11	43	10341	1.387	ug/l #	64
47) Bromodichloromethane	9.35	83	1871	0.375	ug/l #	25
48) Methyl methacrylate	9.24	41	24315	6.599	ug/l #	59
51) 4-Methyl-2-Pentanone	9.96	43	7384	1.687	ug/l	95
52) Toluene	10.13	92	1581028	196.634	ug/l	98
55) 1,1,2-Trichloroethane	10.50	97	17233	5.344	ug/l #	19
56) Ethyl methacrylate	10.40	69	4319	0.945	ug/l #	17
59) 2-Hexanone	10.76	43	6621	2.036	ug/l	71
65) Chlorobenzene	11.56	112	19296	1.997	ug/l #	49
67) Ethyl Benzene	11.49	91	12664241	720.333	ug/l #	7
68) m/p-Xylenes	11.60	106	12651423	1930.796	ug/l #	45
69) o-Xylene	11.93	106	11786374	1924.510	ug/l	39
70) Styrene	11.93	104	1441025	138.614	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063950.D
 Acq On : 7 Oct 2020 18:07
 Operator : JC/MD
 Sample : L4250-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08

Quant Time: Oct 08 05:02:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

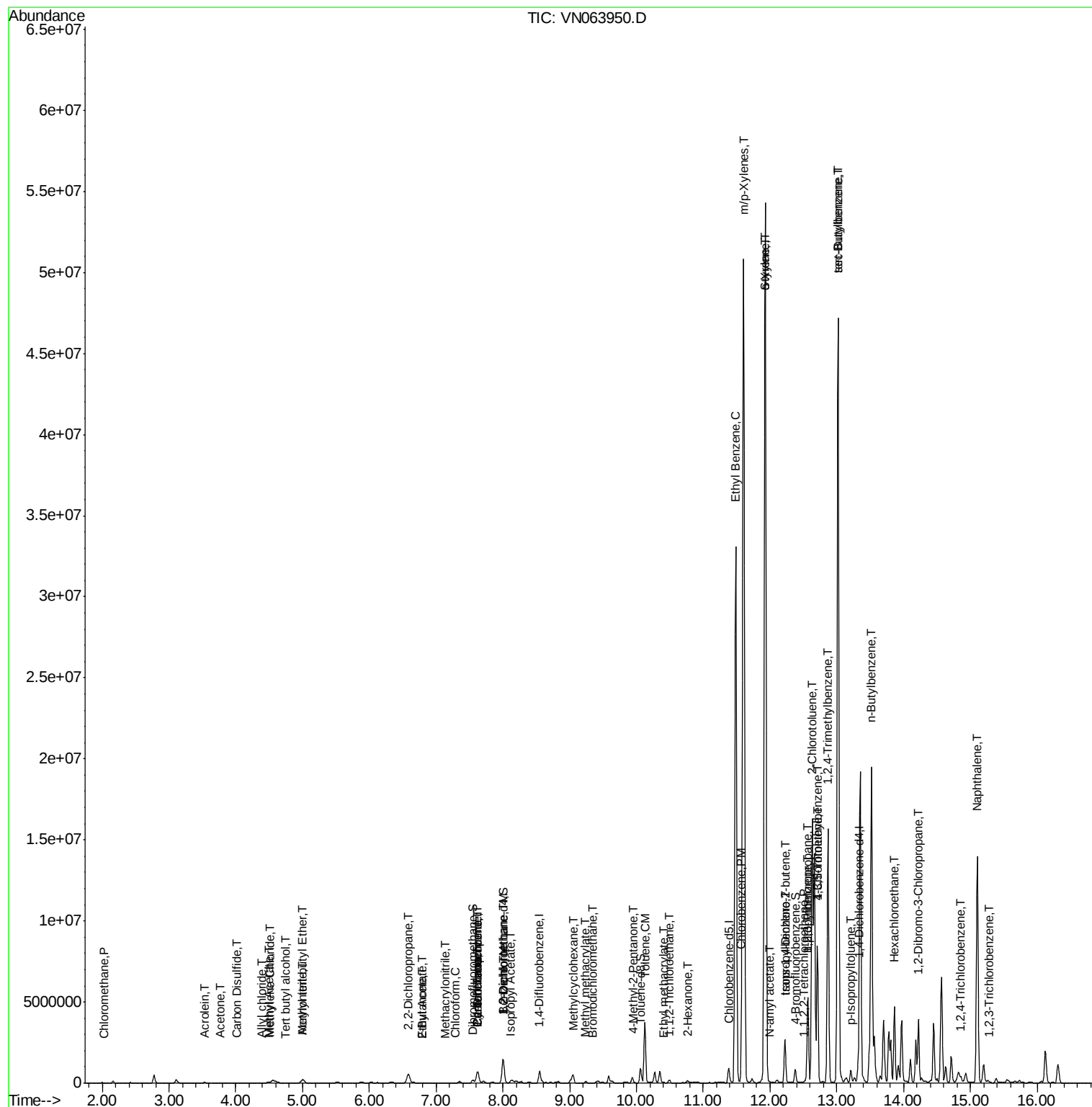
73) Isopropylbenzene	12.23	105	1720480	84.929	uq/l	99
74) N-amyl acetate	12.01	43	8713	3.100	uq/l #	60
75) 1,1,2,2-Tetrachloroethane	12.50	83	2962	0.478	uq/l #	27
76) 1,2,3-Trichloropropane	12.57	75	28396	4.638	uq/l #	100
78) n-propylbenzene	12.57	91	4117582	174.651	uq/l	97
79) 2-Chlorotoluene	12.63	91	1693257	116.779	uq/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	4298746	252.939	uq/l	91
81) trans-1,4-Dichloro-2-buten	12.23	75	22104	10.398	uq/l #	70
82) 4-Chlorotoluene	12.71	91	514273	34.166	uq/l #	44
83) tert-Butylbenzene	13.02	119	4568651	328.639	uq/l #	62
84) 1,2,4-Trimethylbenzene	12.87	105	7916799	466.568	uq/l	95
85) sec-Butylbenzene	13.02	105	12385614	678.325	uq/l #	58
86) p-Isopropyltoluene	13.21	119	399249	24.717	uq/l #	70
89) n-Butylbenzene	13.52	91	2295413	153.965	uq/l #	52
90) Hexachloroethane	13.86	117	237772	75.963	uq/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	16029	11.034	uq/l #	10
93) 1,2,4-Trichlorobenzene	14.87	180	66	1.750	uq/l #	1
95) Naphthalene	15.11	128	9274346	596.972	uq/l #	80
96) 1,2,3-Trichlorobenzene	15.29	180	60	1.581	uq/l #	12

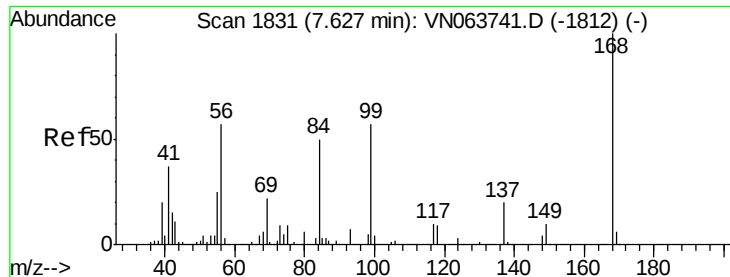
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
Data File : VN063950.D
Acq On : 7 Oct 2020 18:07
Operator : JC/MD
Sample : L4250-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-08

Quant Time: Oct 08 05:02:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

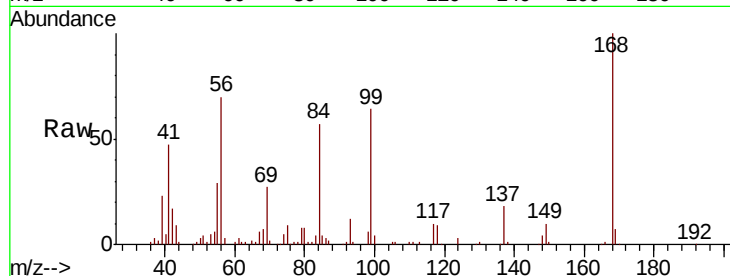
MW-08

Tot Ion:168 Resp: 254195

Ion Ratio Lower Upper

168 100

99 63.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

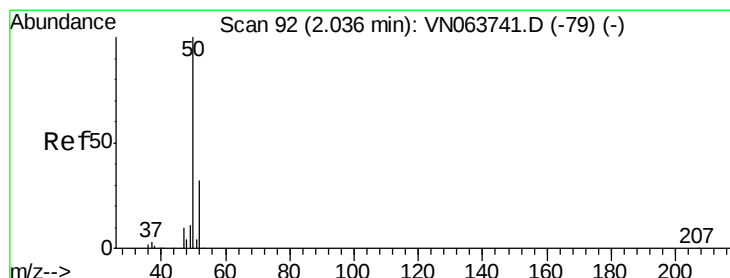
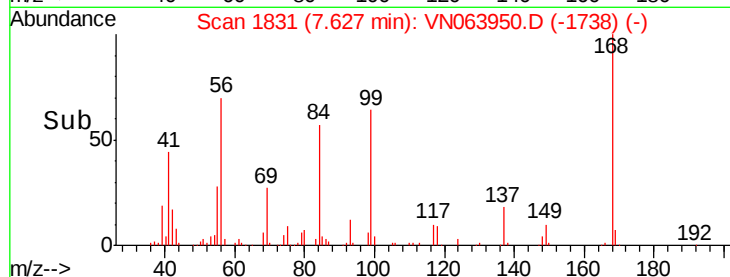
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.618 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.01 min

Lab File: VN063950.D

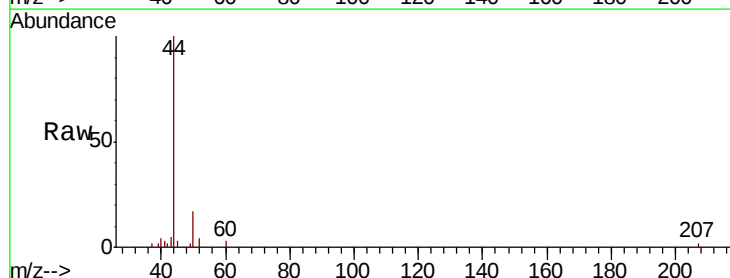
Acq: 7 Oct 2020 18:07

Tgt Ion: 50 Resp: 1946

Ion Ratio Lower Upper

50 100

52 25.7 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

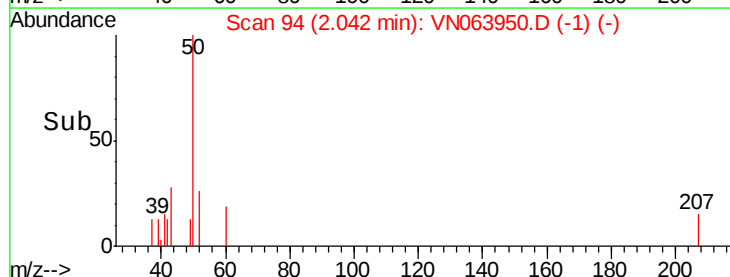
1500

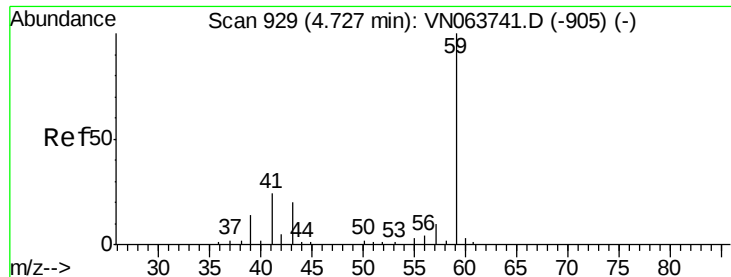
1000

500

0

Time-->

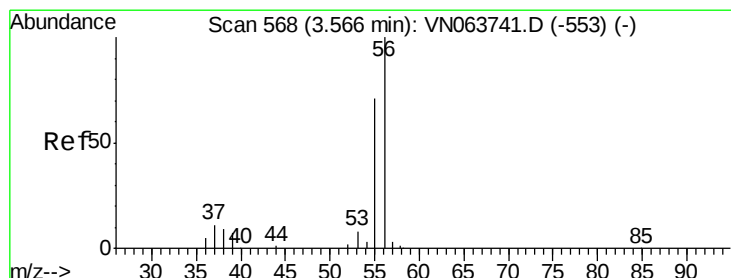
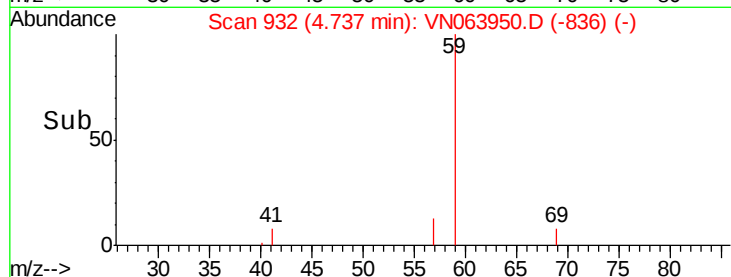
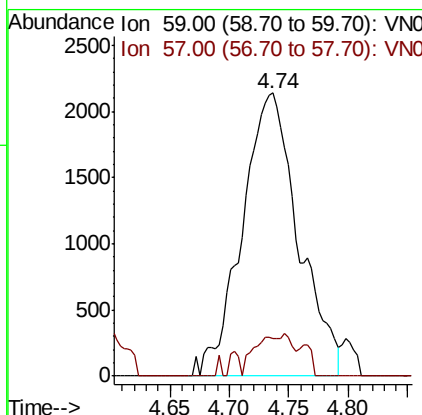
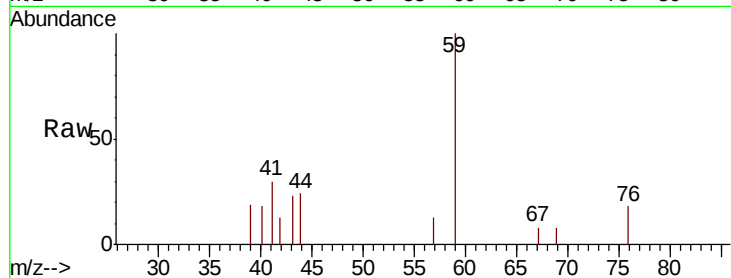




#11
Tert butyl alcohol
Concen: 15.165 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

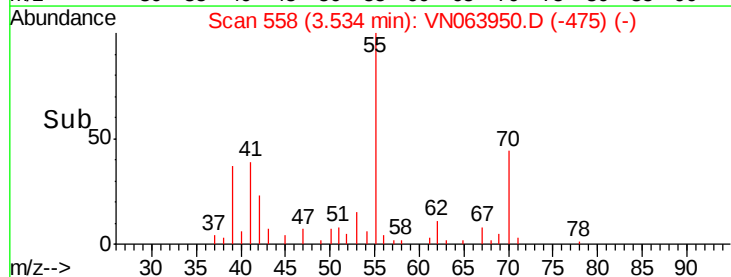
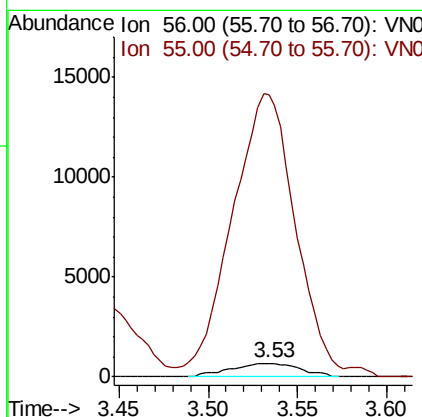
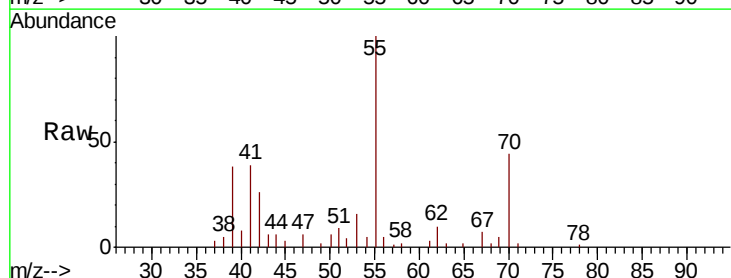
Instrument :
MSVOA_N
ClientSampled :
MW-08

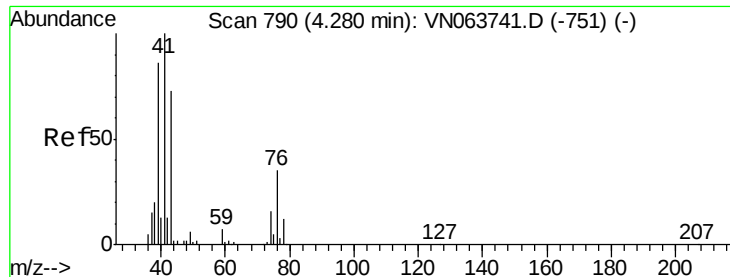
Tot Ion: 59 Resp: 7031
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 6.459 ug/l
RT: 3.53 min Scan# 558
Delta R.T. -0.03 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 56 Resp: 1838
Ion Ratio Lower Upper
56 100
55 1805.7 56.9 85.3#





#14

Allvl chloride

Concen: 1.619 ug/l

RT: 4.39 min Scan# 823

Delta R.T. 0.11 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

MW-08

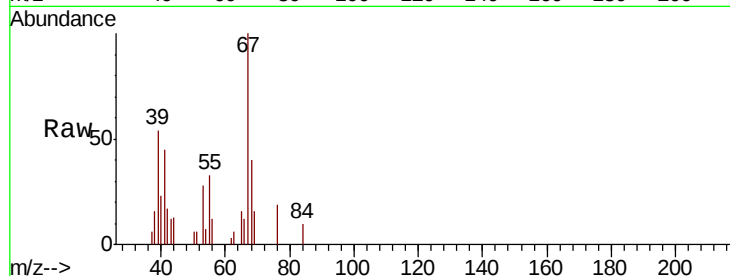
Tot Ion: 41 Resp: 7698

Ion Ratio Lower Upper

41 100

39 97.5 64.5 96.7#

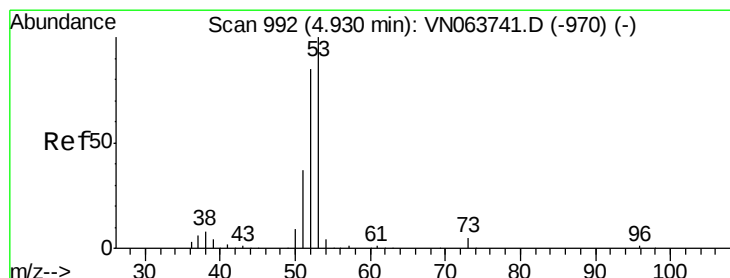
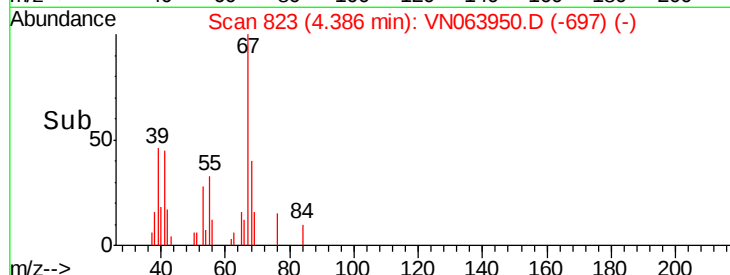
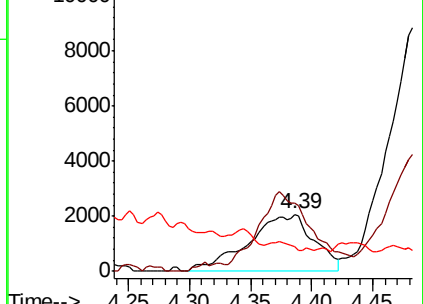
76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VN063950.D (-823) (-)

Ion 39.00 (38.70 to 39.70): VN063950.D (-823) (-)

Ion 75.90 (75.60 to 76.60): VN063950.D (-823) (-)



#15

Acrylonitrile

Concen: 3.551 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.07 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

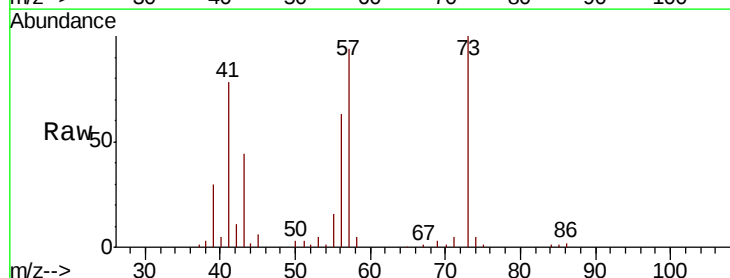
Tgt Ion: 53 Resp: 4712

Ion Ratio Lower Upper

53 100

52 15.6 66.5 99.7#

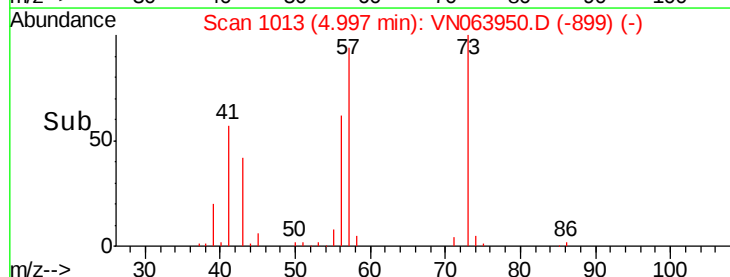
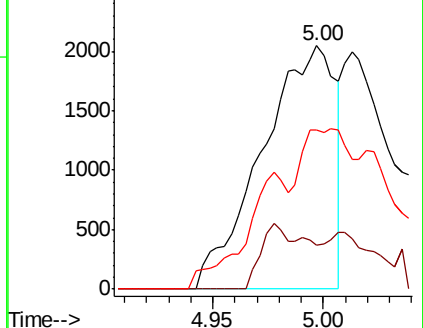
51 19.6 29.9 44.9#

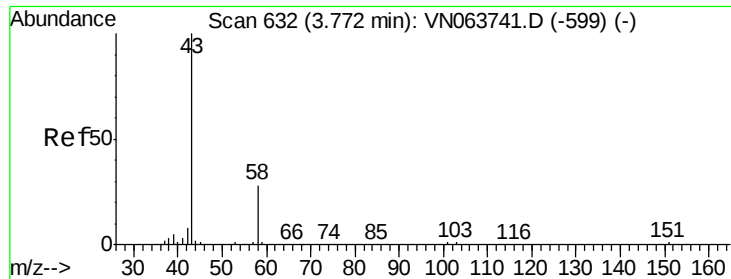


Abundance Ion 53.00 (52.70 to 53.70): VN063950.D (-1013) (-)

Ion 52.00 (51.70 to 52.70): VN063950.D (-1013) (-)

Ion 51.00 (50.70 to 51.70): VN063950.D (-1013) (-)

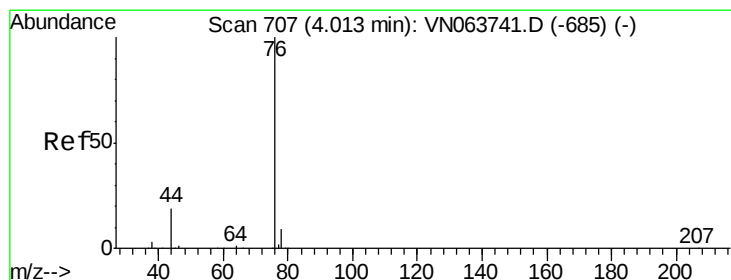
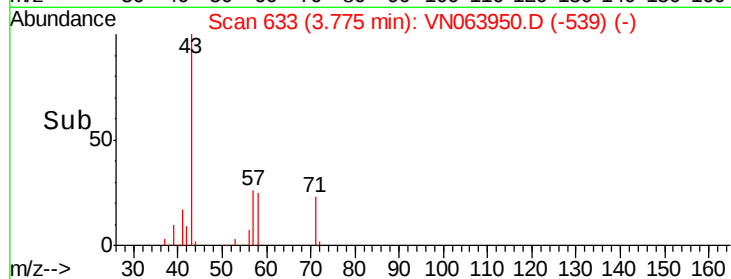
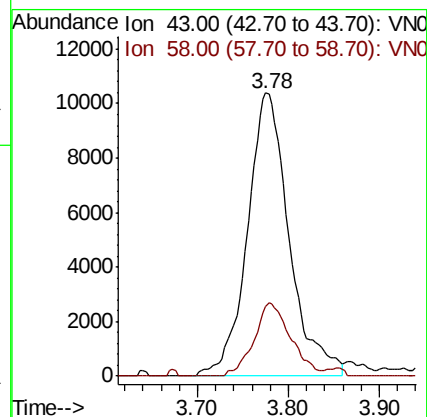
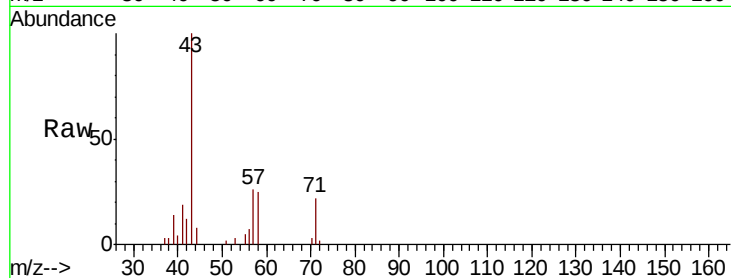




#16
Acetone
Concen: 25.620 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

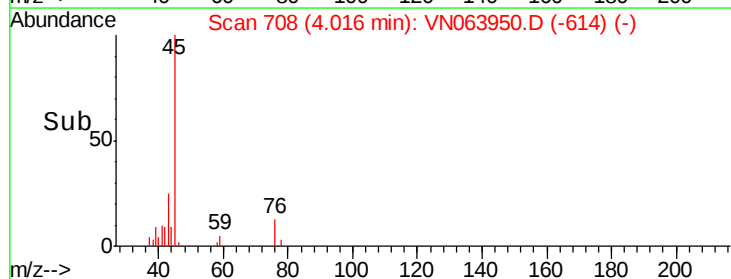
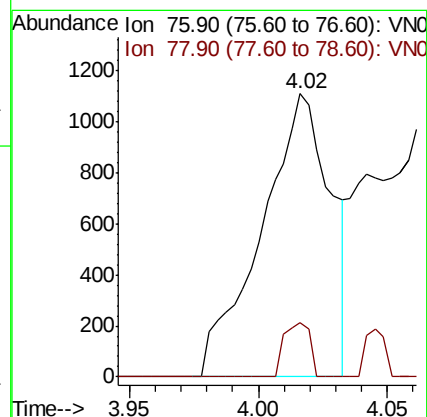
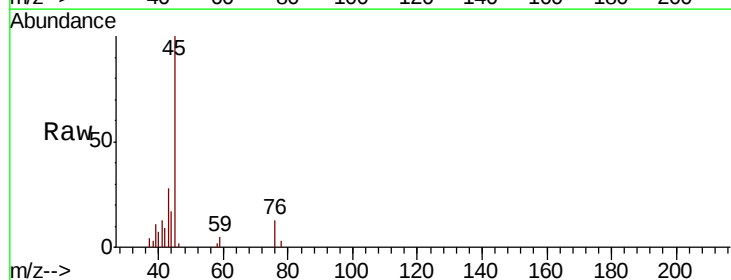
Instrument :
MSVOA_N
ClientSampled :
MW-08

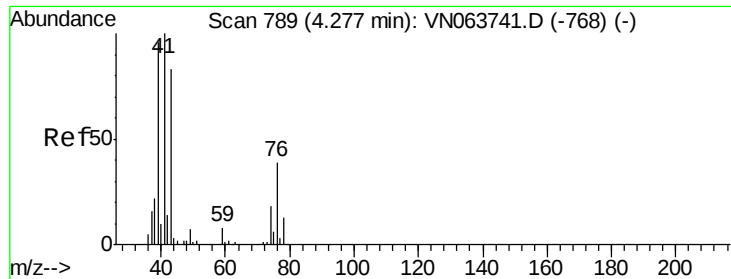
Tot Ion: 43 Resp: 33120
Ion Ratio Lower Upper
43 100
58 24.6 22.3 33.5



#17
Carbon Disulfide
Concen: 0.995 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 76 Resp: 2067
Ion Ratio Lower Upper
76 100
78 19.0 7.0 10.4#

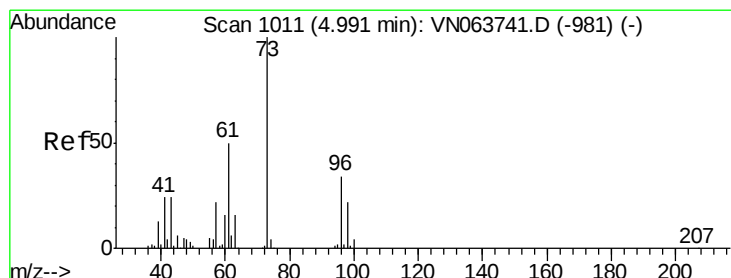
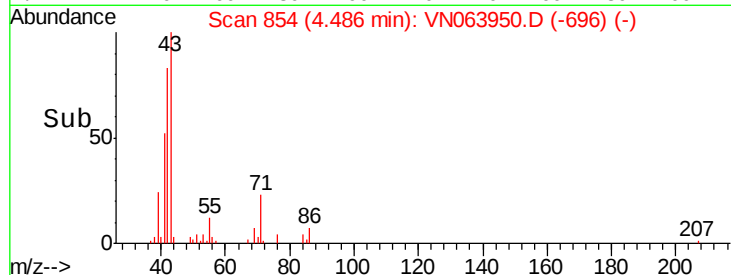
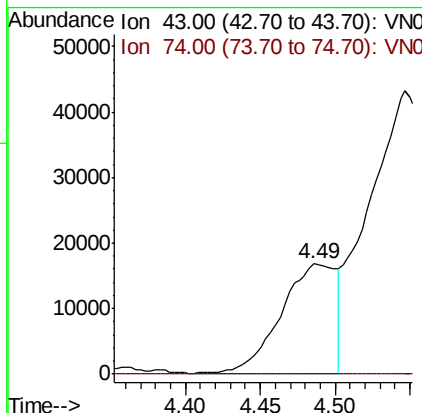
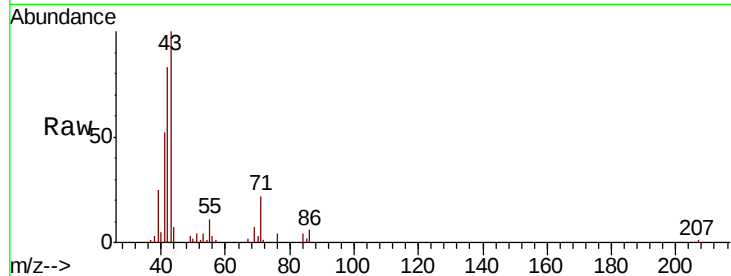




#18
Methyl Acetate
Concen: 12.974 ug/l
RT: 4.49 min Scan# 854
Delta R.T. 0.21 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

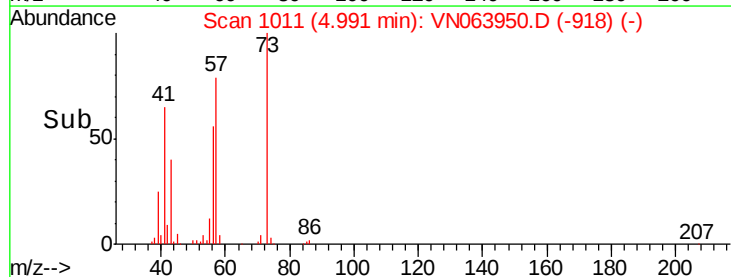
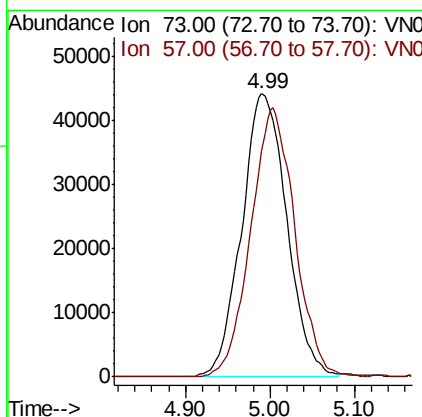
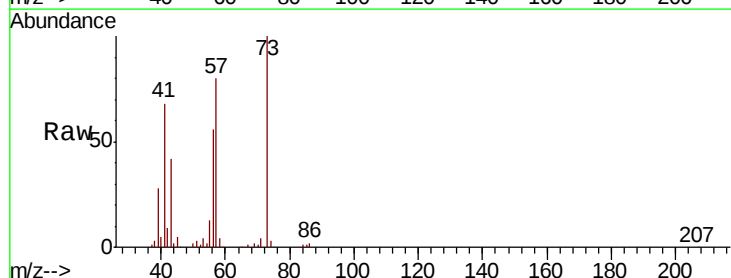
Instrument :
MSVOA_N
ClientSampleId :
MW-08

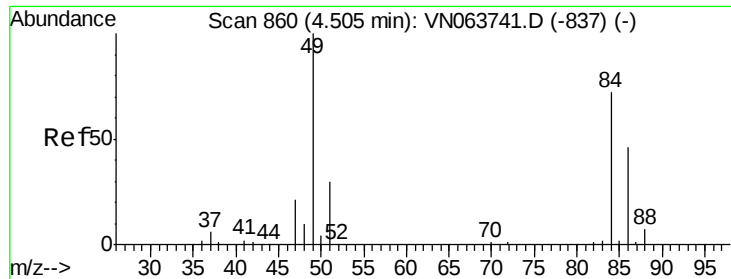
Tot Ion: 43 Resp: 43548
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#19
Methyl tert-butyl Ether
Concen: 17.653 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 73 Resp: 164163
Ion Ratio Lower Upper
73 100
57 79.6 17.6 26.4#

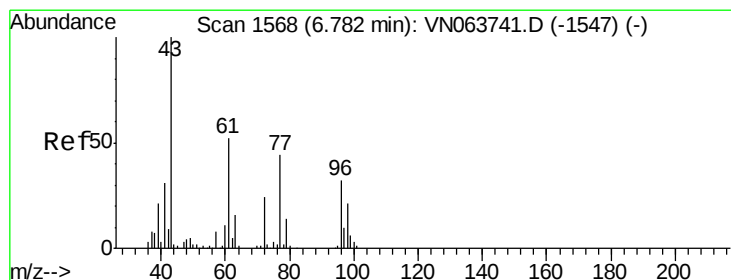
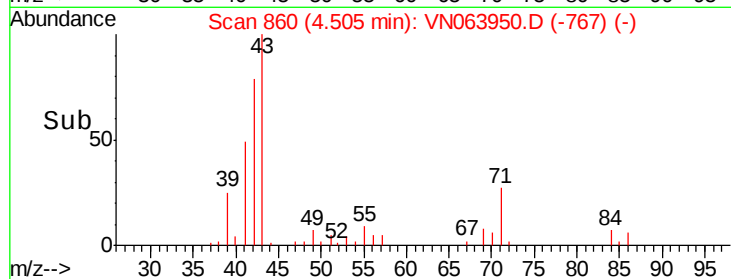
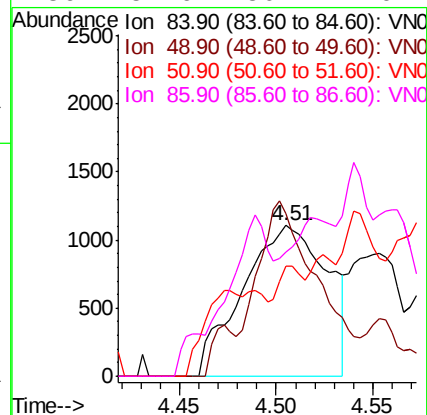
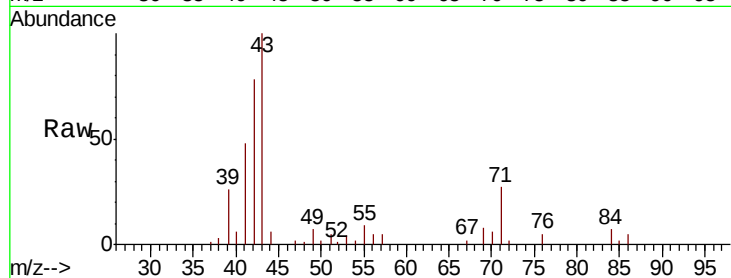




#20
Methvlene Chloride
Concen: 1.230 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

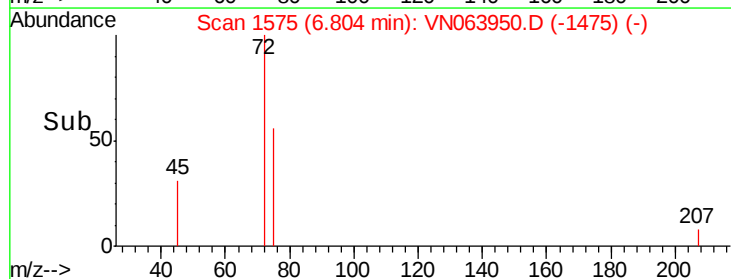
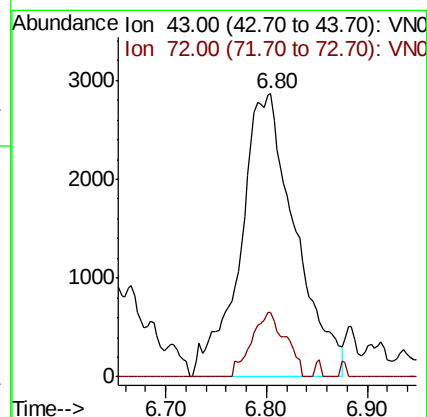
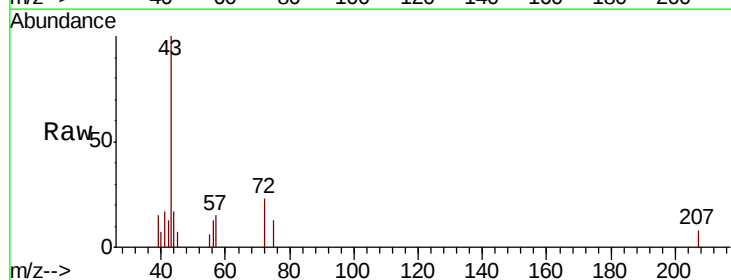
Instrument :
MSVOA_N
ClientSampleId :
MW-08

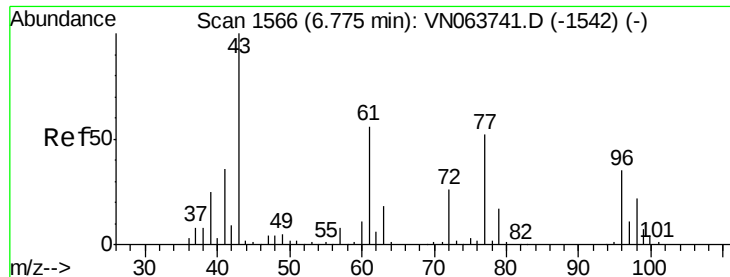
Tot Ion: 84 Resp: 3357
Ion Ratio Lower Upper
84 100
49 107.9 110.4 165.6#
51 55.0 33.3 49.9#
86 54.6 50.7 76.1



#25
2-Butanone
Concen: 5.907 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 43 Resp: 10826
Ion Ratio Lower Upper
43 100
72 22.9 19.3 28.9

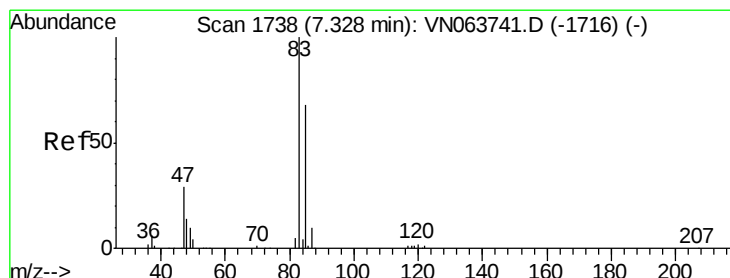
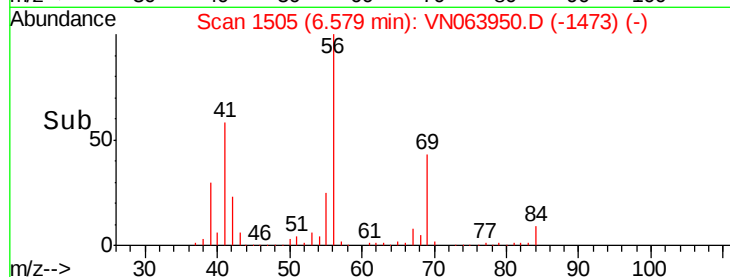
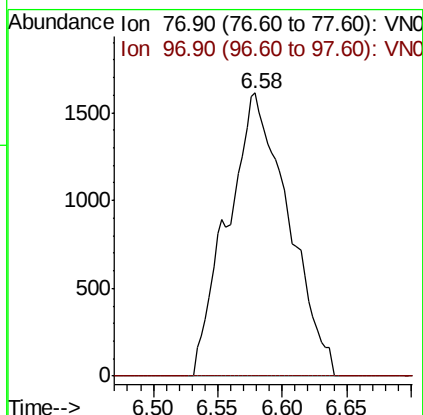
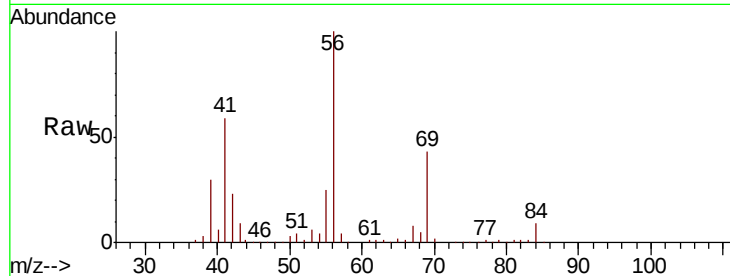




#26
 2,2-Dichloropropane
 Concen: 1.033 ug/l
 RT: 6.58 min Scan# 1505
 Delta R.T. -0.20 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

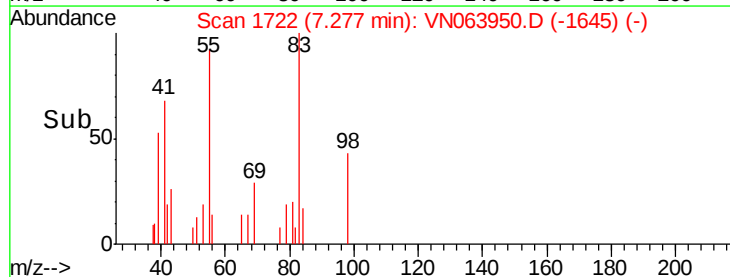
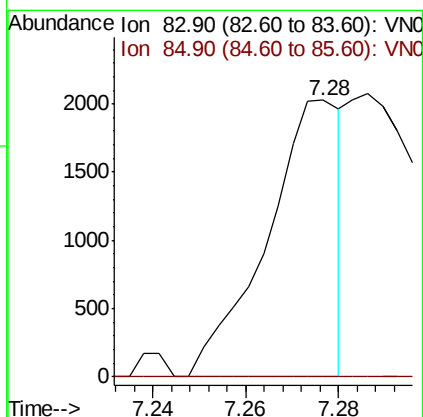
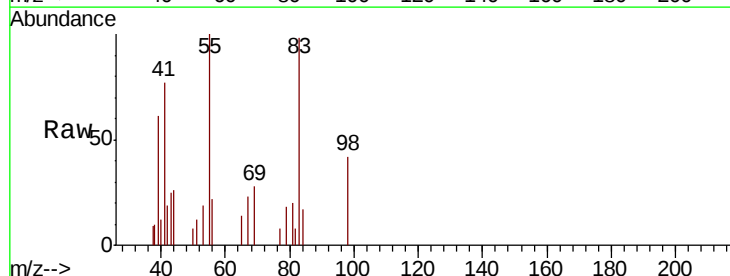
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08

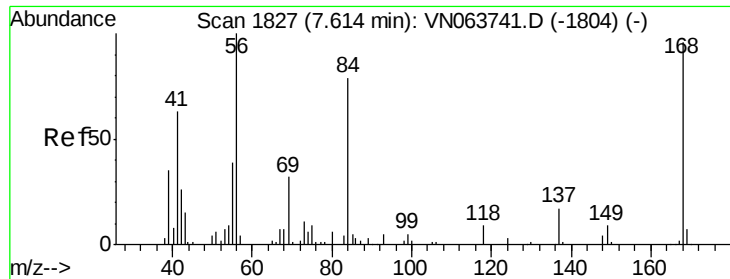
Tot Ion: 77 Resp: 5292
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.8 32.3#



#30
 Chloroform
 Concen: 0.385 ug/l
 RT: 7.28 min Scan# 1722
 Delta R.T. -0.05 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

Tgt Ion: 83 Resp: 2246
 Ion Ratio Lower Upper
 83 100
 85 0.0 54.6 82.0#

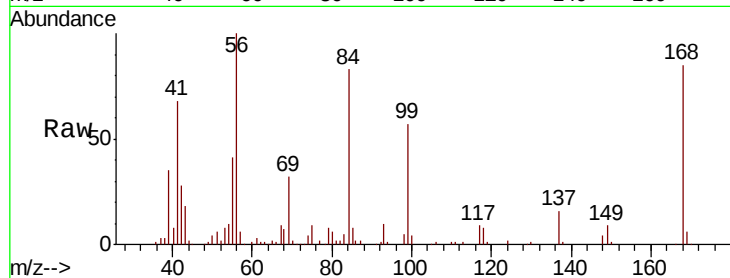




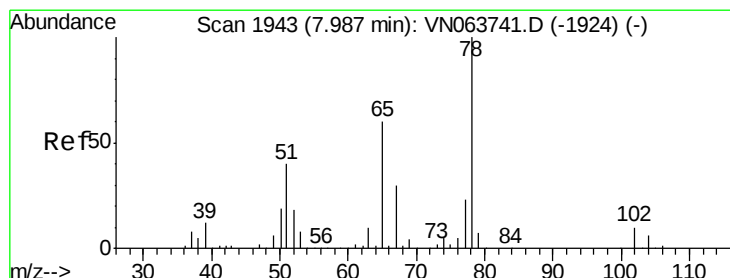
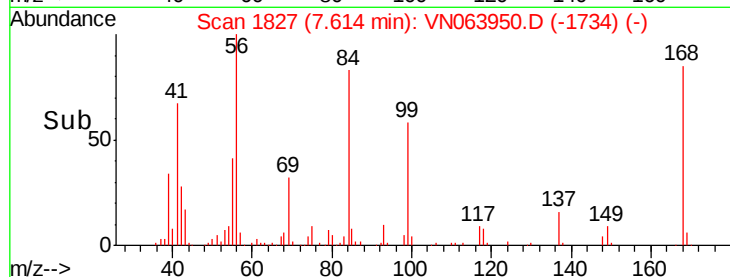
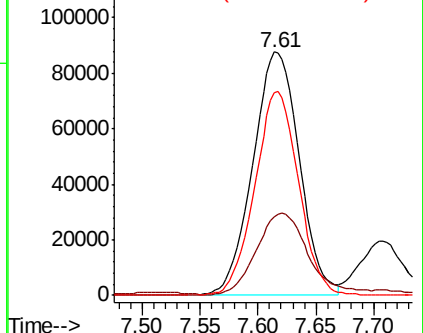
#31
Cyclohexane
Concen: 50.224 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
MW-08

Tot Ion: 56 Resp: 244862
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.2
84 83.1 63.3 94.9

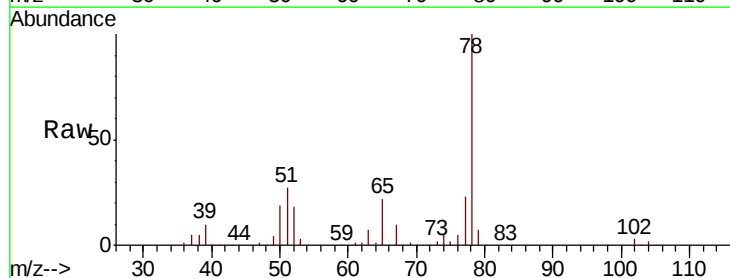


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

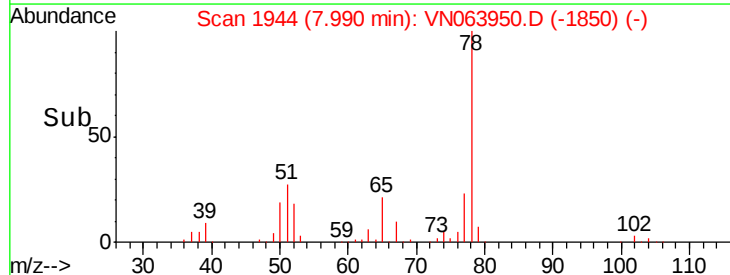
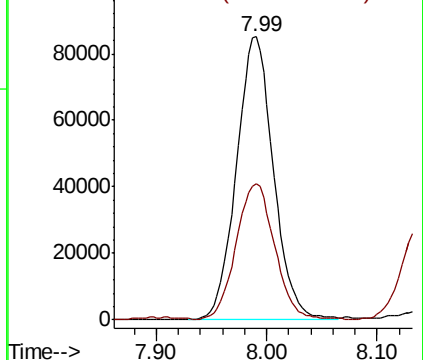


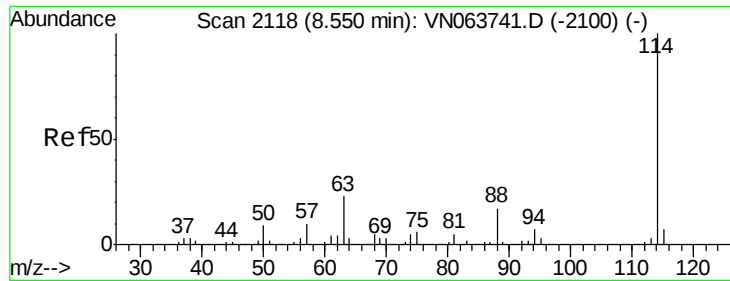
#33
1,2-Dichloroethane-d4
Concen: 47.155 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 65 Resp: 198028
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

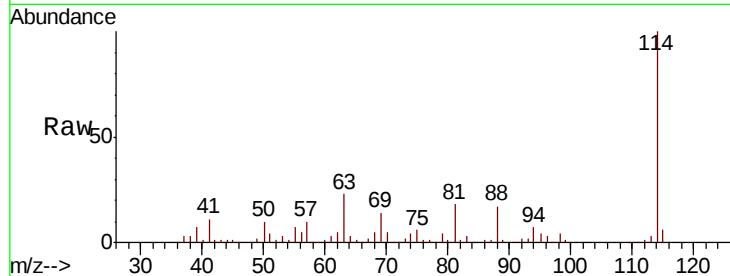




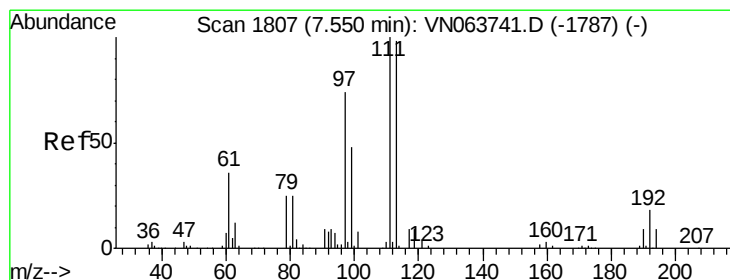
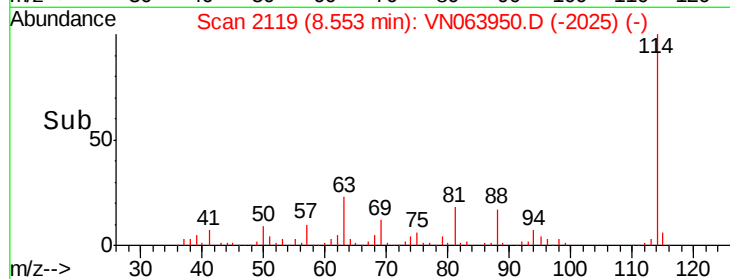
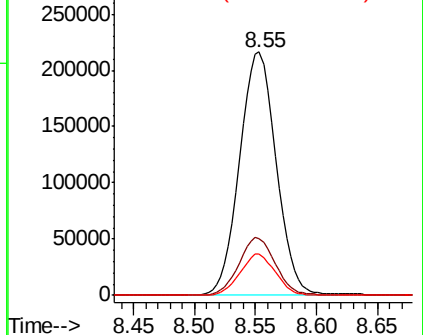
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
MW-08

Tot Ion:114 Resp: 449229
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.9 0.0 34.0

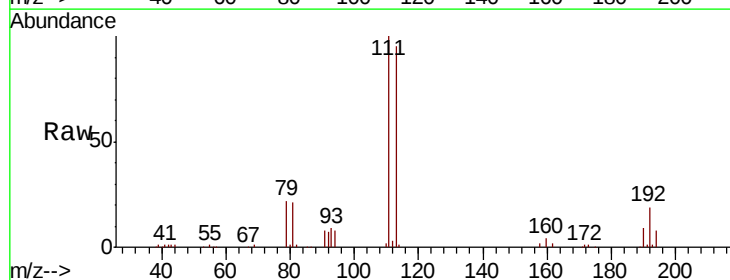


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

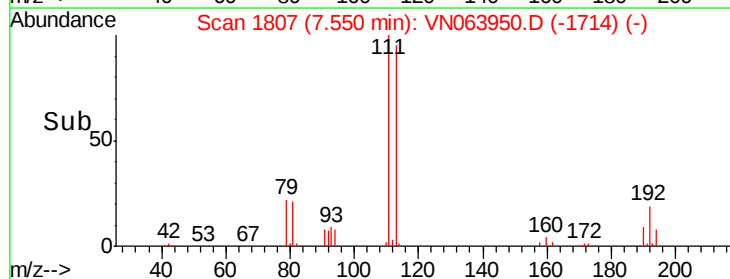
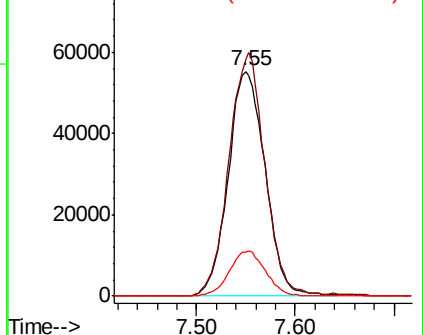


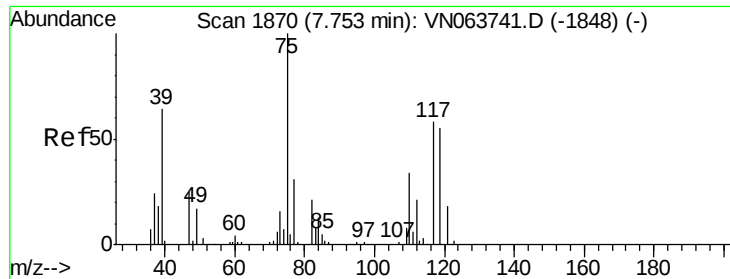
#35
Dibromofluoromethane
Concen: 46.319 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion:113 Resp: 144382
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.8
192 19.5 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

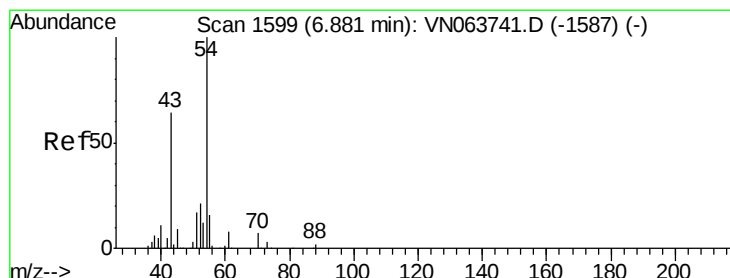
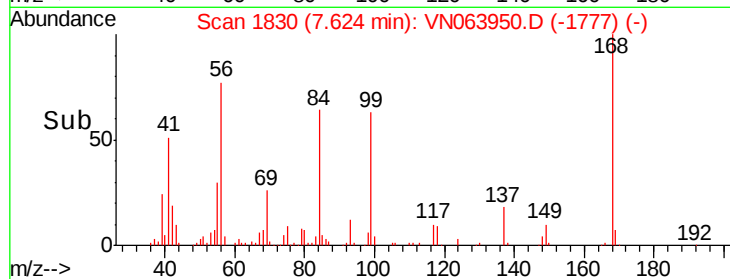
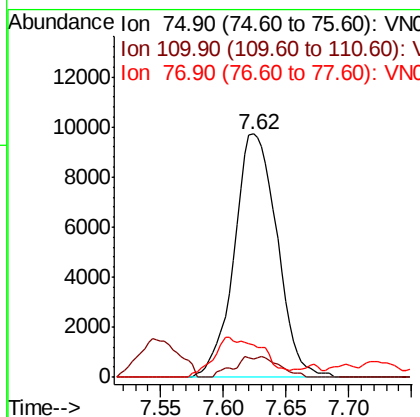
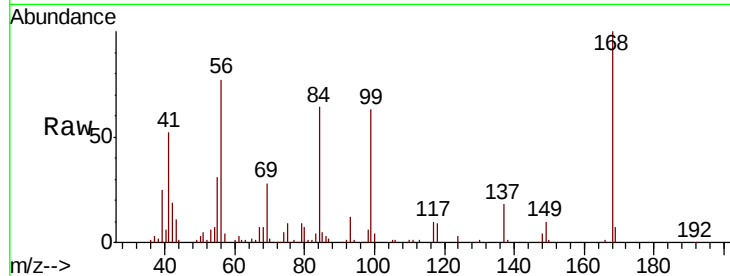




#36
 1,1-Dichloropropene
 Concen: 5.062 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

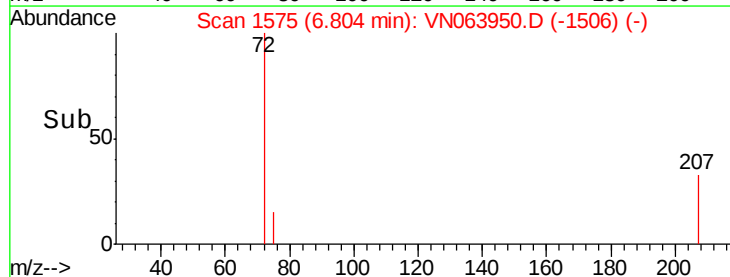
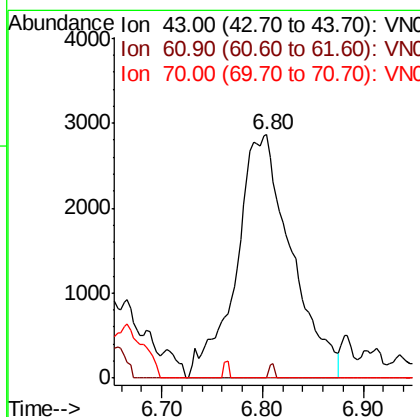
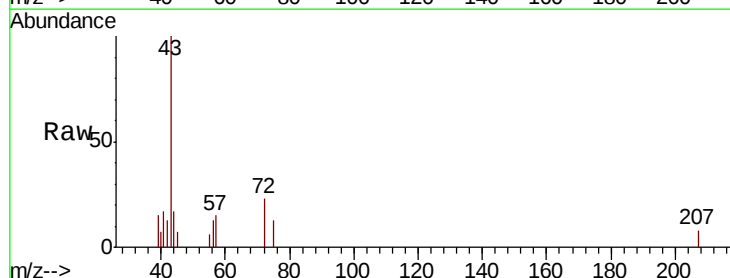
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08

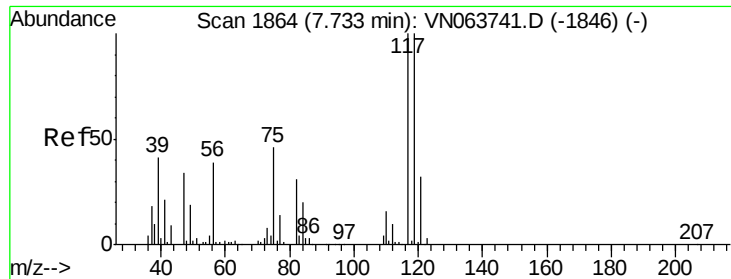
Tot Ion: 75 Resp: 23039
 Ion Ratio Lower Upper
 75 100
 110 4.1 16.9 50.6#
 77 0.0 24.5 36.7#



#37
 Ethyl Acetate
 Concen: 2.394 ug/l
 RT: 6.80 min Scan# 1575
 Delta R.T. -0.08 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

Tgt Ion: 43 Resp: 10826
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 5.350 ug/l

RT: 7.63 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

MW-08

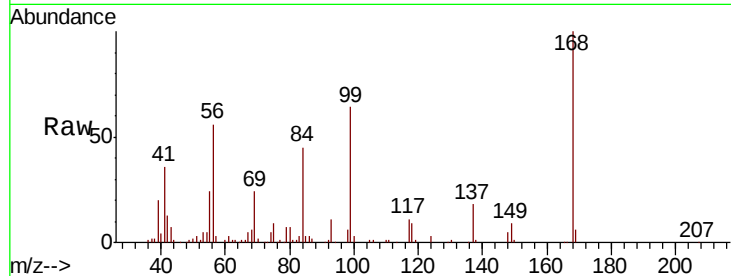
Tot Ion:117 Resp: 27302

Ion Ratio Lower Upper

117 100

119 5.1 80.1 120.1#

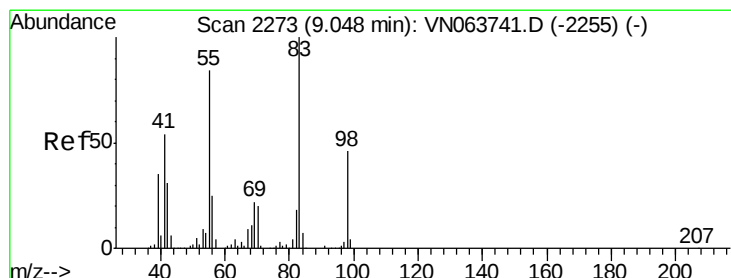
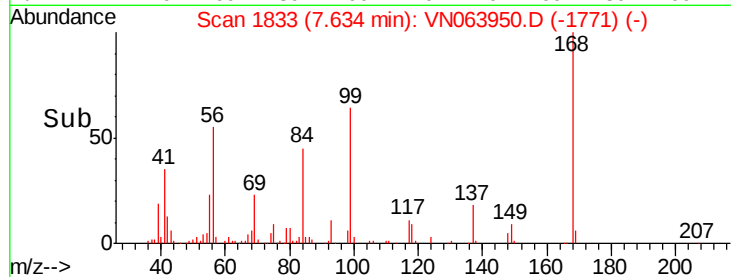
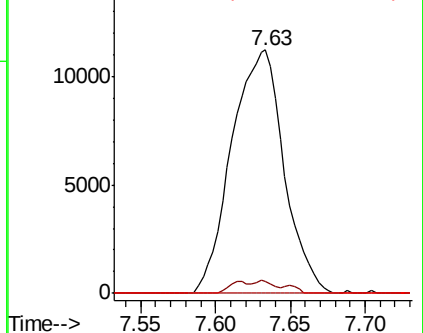
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 44.197 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

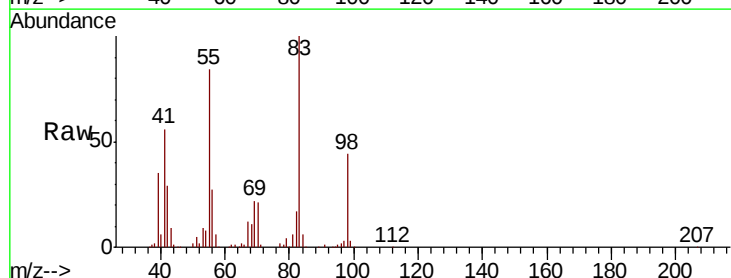
Tgt Ion: 83 Resp: 200589

Ion Ratio Lower Upper

83 100

55 84.1 67.1 100.7

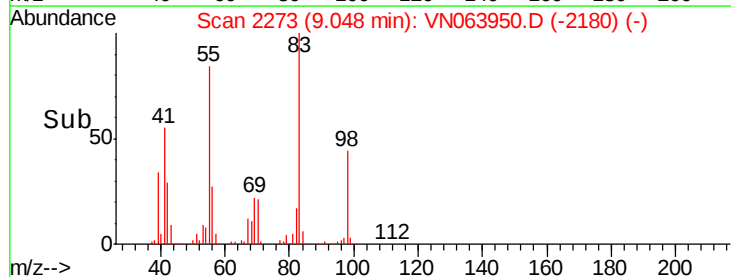
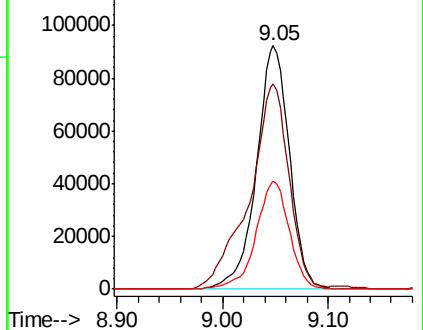
98 44.2 36.6 54.8

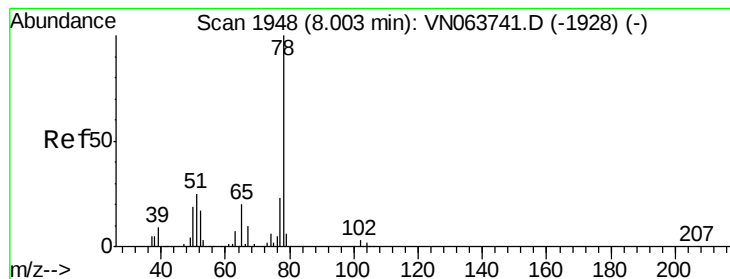


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 107.932 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

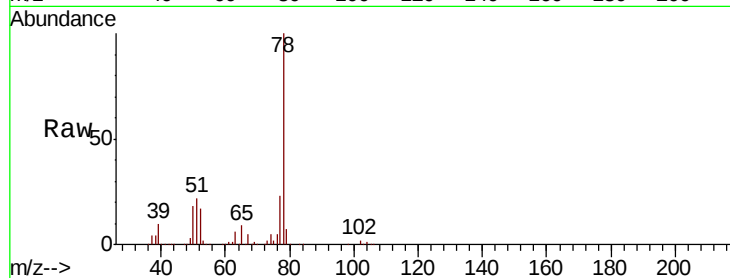
MW-08

Tot Ion: 78 Resp: 1403026

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN063741.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-1928) (-)

8.00

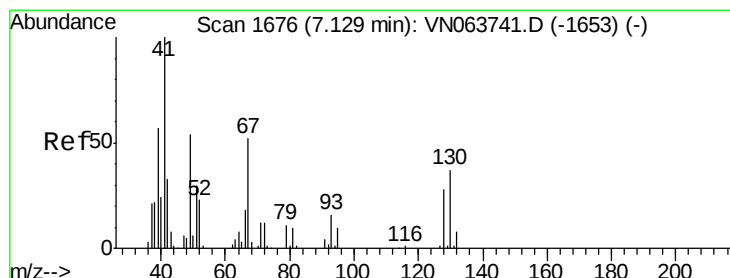
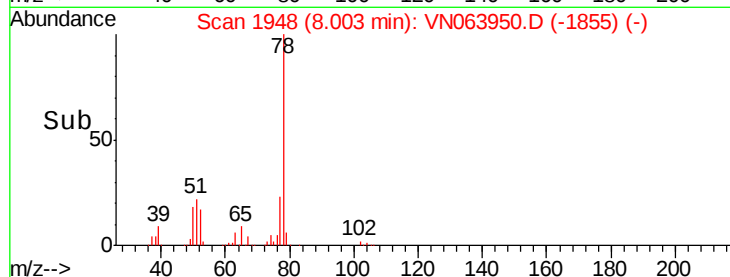
600000

400000

200000

0

Time-->



#41

Methacrylonitrile

Concen: 0.258 ug/l

RT: 7.12 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Tgt Ion: 41 Resp: 518

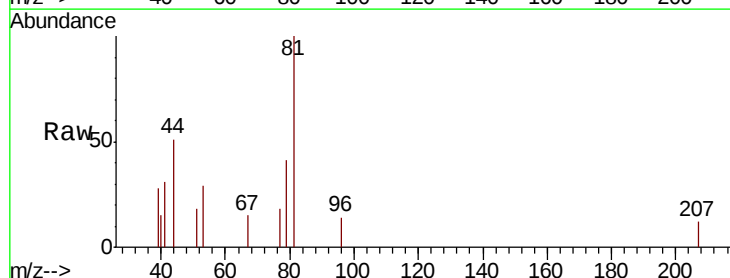
Ion Ratio Lower Upper

41 100

39 0.0 42.5 63.7#

67 0.0 57.4 86.2#

52 20.5 26.9 40.3#



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-1653) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-1653) (-)

Ion 67.00 (66.70 to 67.70): VN063741.D (-1653) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-1653) (-)

800

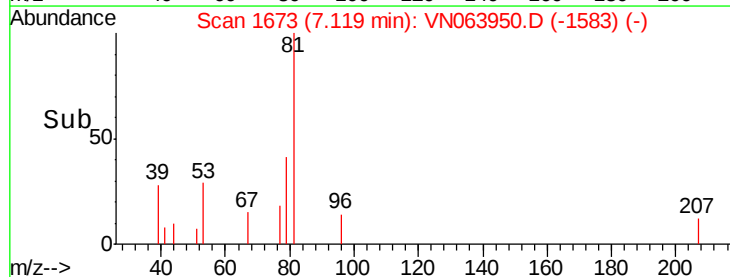
600

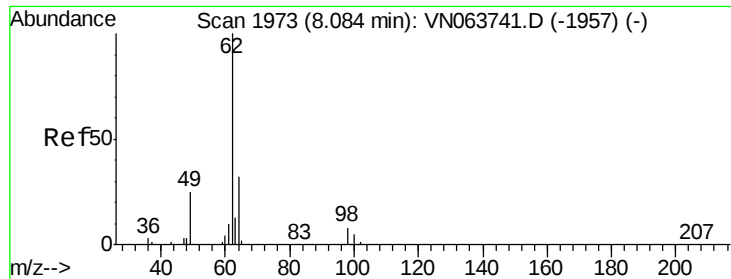
400

200

0

Time-->





#42

1,2-Dichloroethane

Concen: 2.397 ug/l

RT: 8.01 min Scan# 1949

Delta R.T. -0.08 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

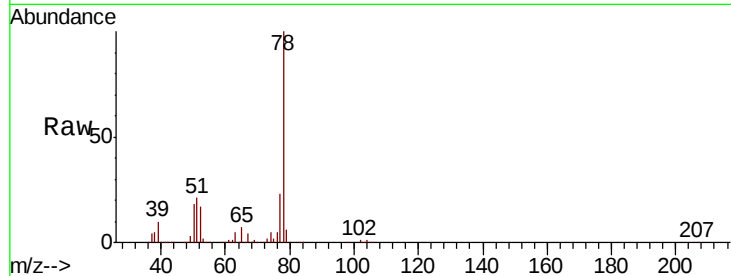
MW-08

Tot Ion: 62 Resp: 13303

Ion Ratio Lower Upper

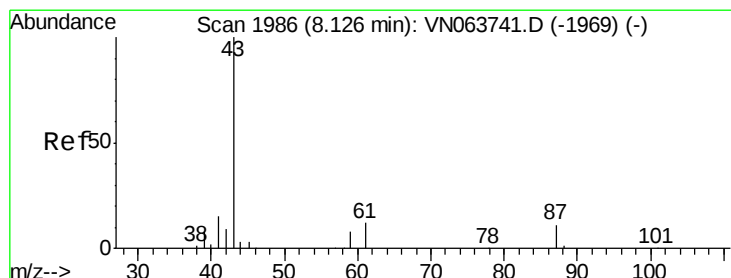
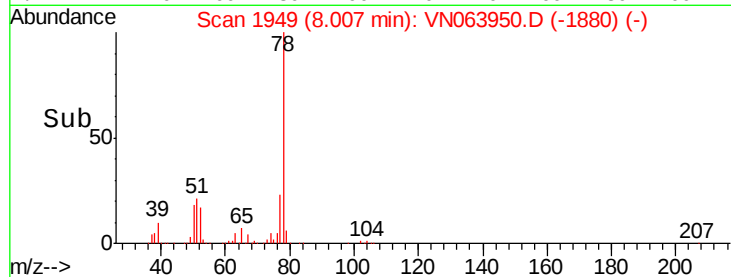
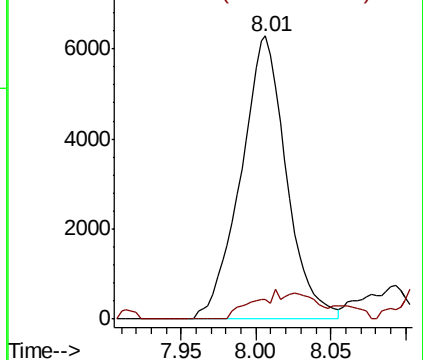
62 100

98 6.7 0.0 15.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 1.387 ug/l

RT: 8.11 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

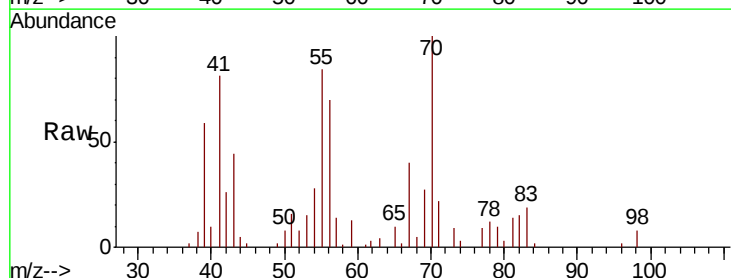
Tgt Ion: 43 Resp: 10341

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

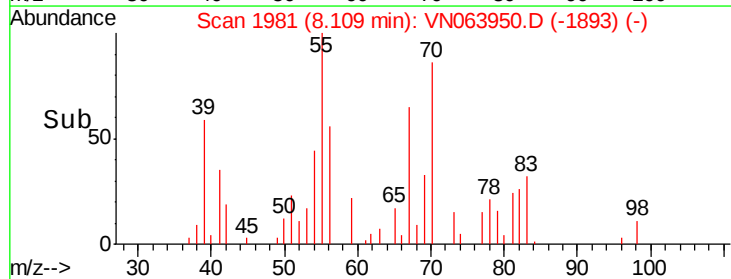
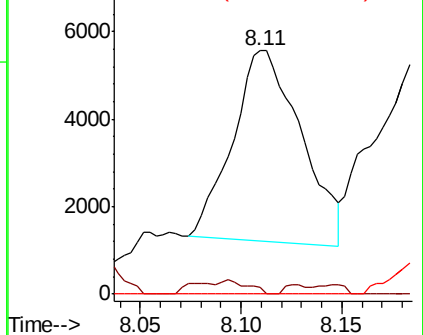
87 0.0 9.0 13.6#

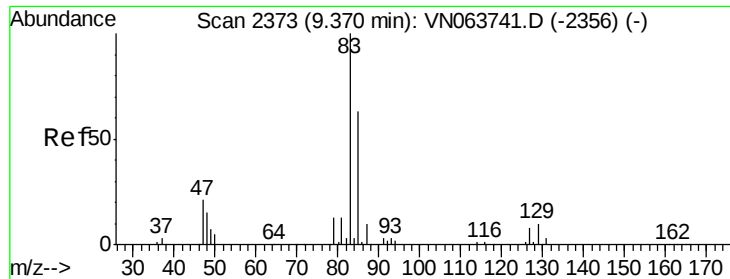


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#47

Bromodichloromethane

Concen: 0.375 ug/l

RT: 9.35 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

MW-08

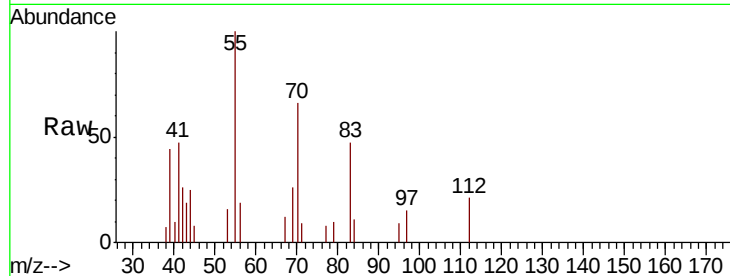
Tot Ion: 83 Resp: 1871

Ion Ratio Lower Upper

83 100

85 0.0 50.6 75.8#

127 0.0 6.6 9.8#

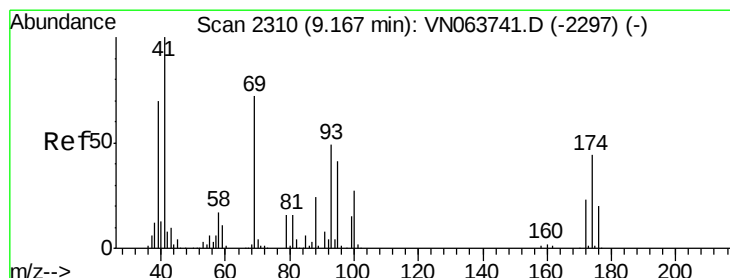
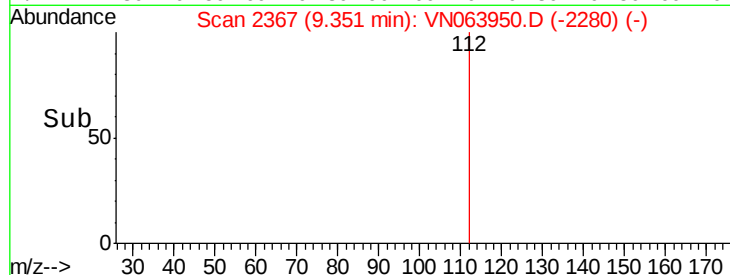


Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063741.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 6.599 ug/l

RT: 9.24 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

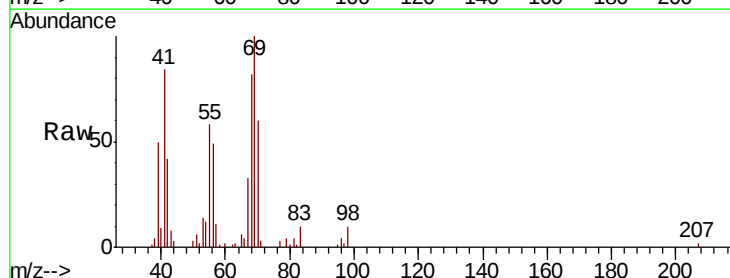
Tgt Ion: 41 Resp: 24315

Ion Ratio Lower Upper

41 100

69 133.0 60.9 91.3#

39 59.9 57.5 86.3

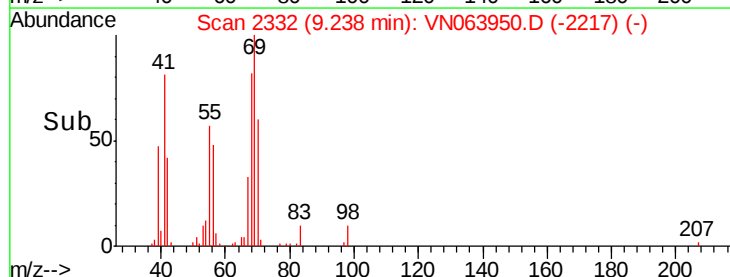


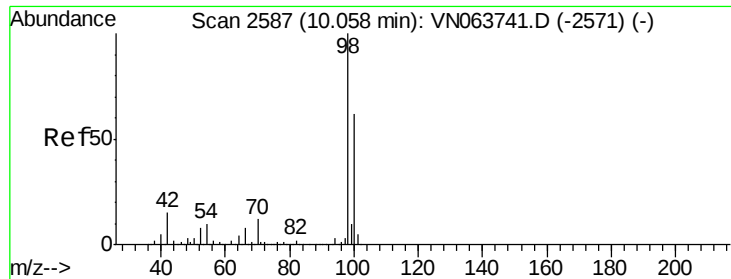
Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2297) (-)

Time-->





#50

Toluene-d8

Concen: 49.108 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

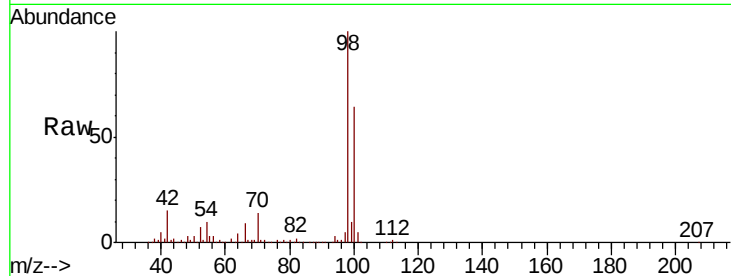
MW-08

Tot Ion: 98 Resp: 580287

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

300000

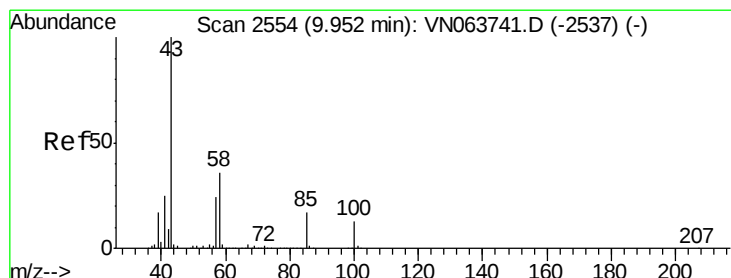
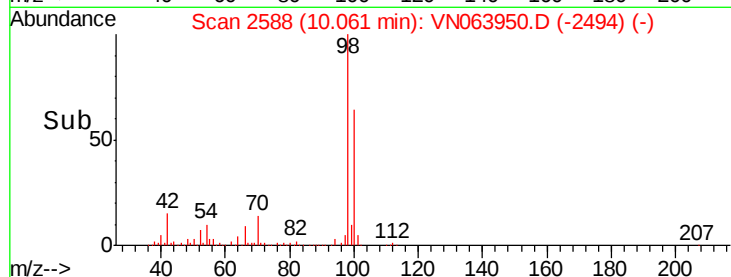
200000

100000

0

10.00 10.10

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.687 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063950.D

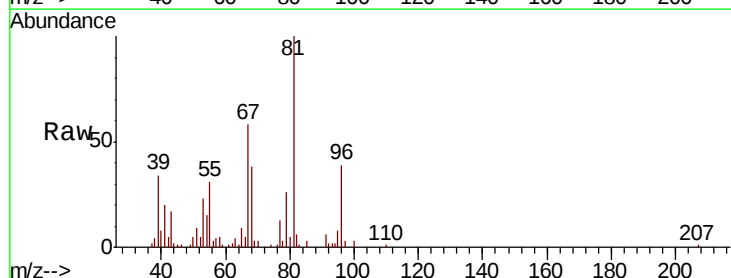
Acq: 7 Oct 2020 18:07

Tgt Ion: 43 Resp: 7384

Ion Ratio Lower Upper

43 100

58 38.1 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.96

5000

4000

3000

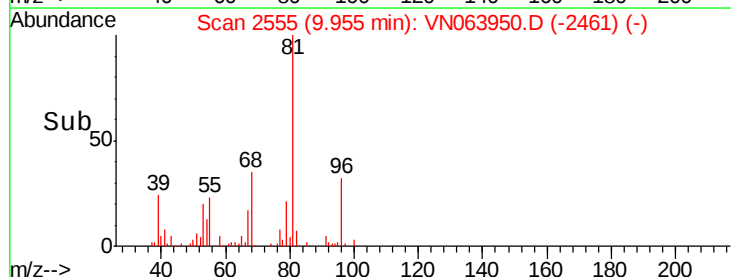
2000

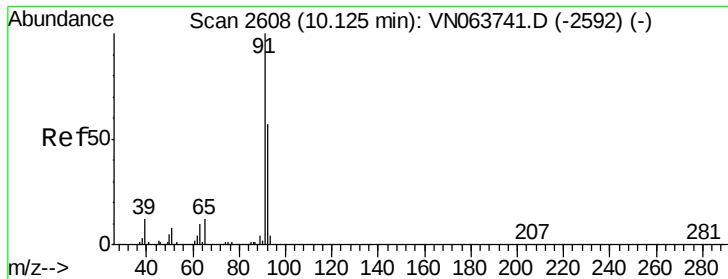
1000

0

9.90 9.95 10.00

Time-->





#52

Toluene

Concen: 196.634 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

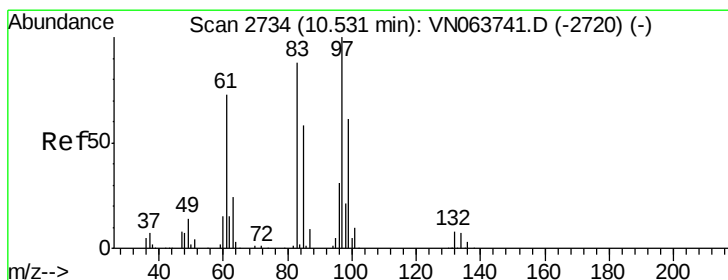
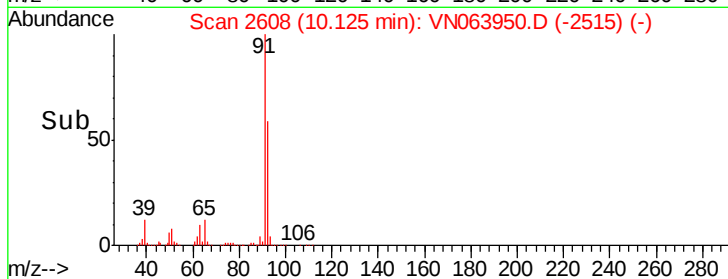
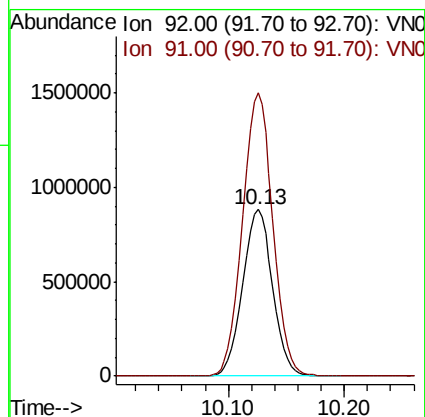
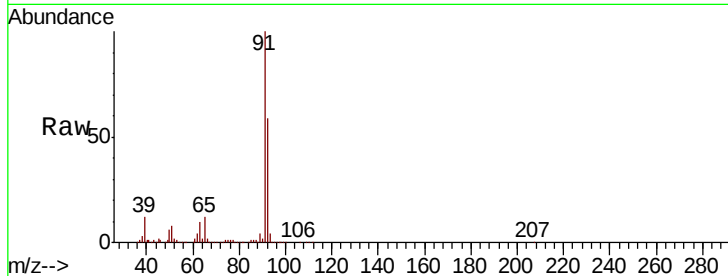
MW-08

Tot Ion: 92 Resp: 1581028

Ion Ratio Lower Upper

92 100

91 172.3 140.6 210.8



#55

1,1,2-Trichloroethane

Concen: 5.344 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Tgt Ion: 97 Resp: 17233

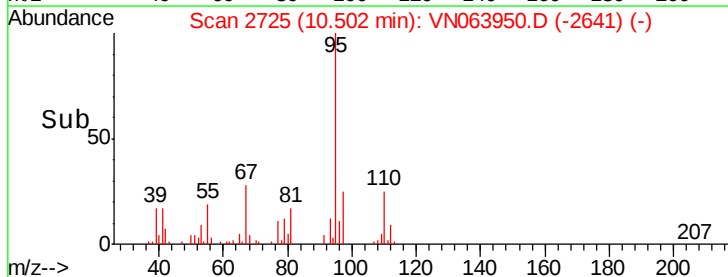
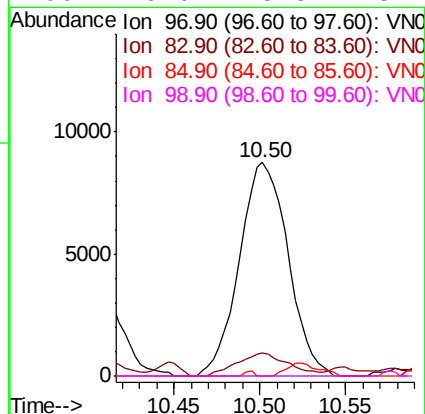
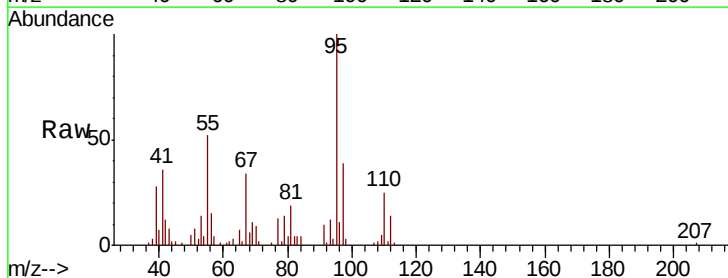
Ion Ratio Lower Upper

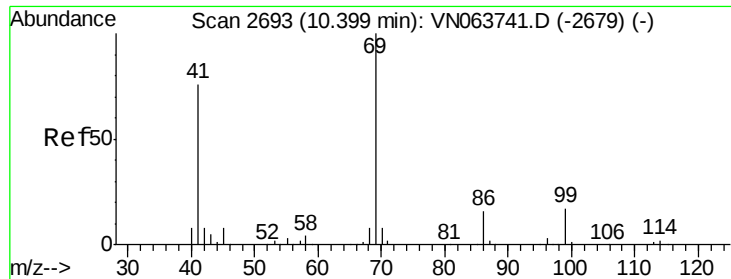
97 100

83 10.6 70.7 106.1#

85 0.0 46.1 69.1#

99 0.0 48.8 73.2#





#56

Ethyl methacrylate

Concen: 0.945 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

MW-08

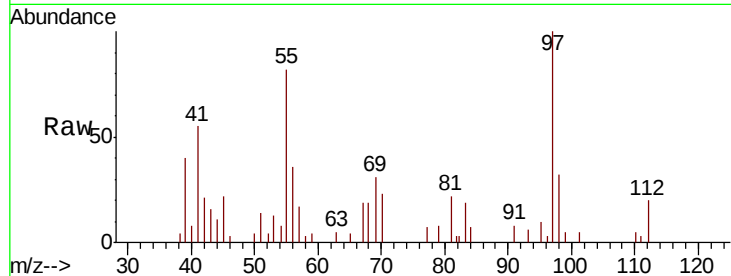
Tot Ion: 69 Resp: 4319

Ion Ratio Lower Upper

69 100

41 0.0 61.1 91.7#

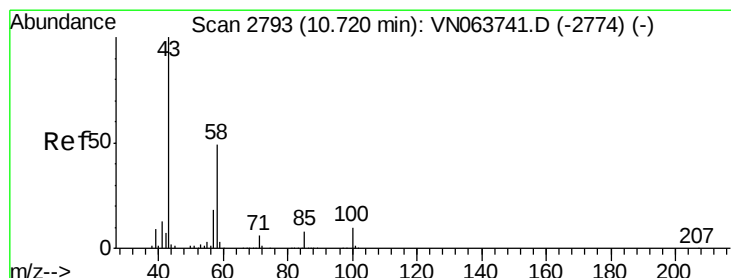
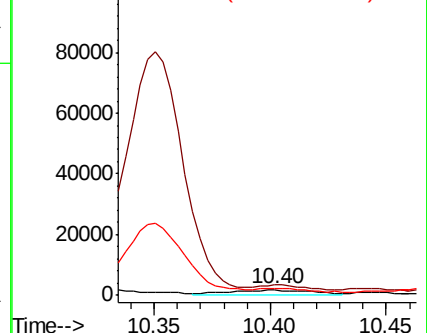
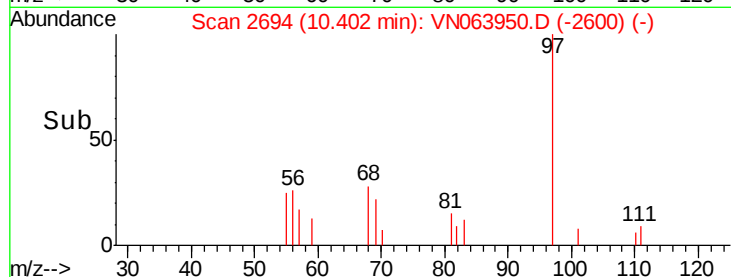
39 0.0 42.2 63.4#



Abundance Ion 69.00 (68.70 to 69.70): VN063950.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063950.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063950.D (-2600) (-)



#59

2-Hexanone

Concen: 2.036 ug/l

RT: 10.76 min Scan# 2806

Delta R.T. 0.04 min

Lab File: VN063950.D

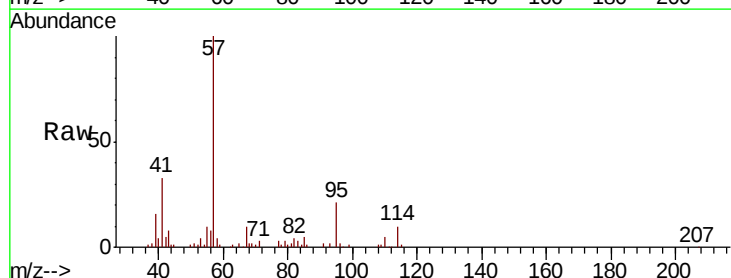
Acq: 7 Oct 2020 18:07

Tgt Ion: 43 Resp: 6621

Ion Ratio Lower Upper

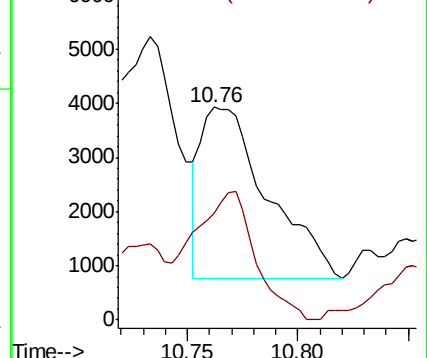
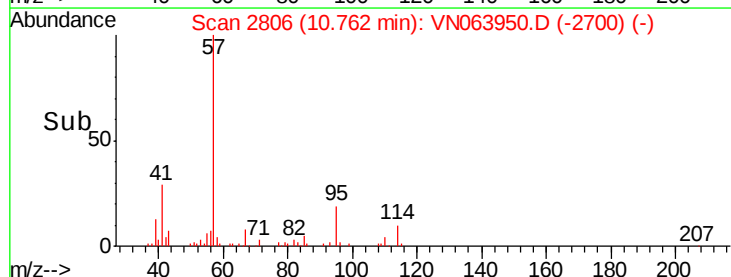
43 100

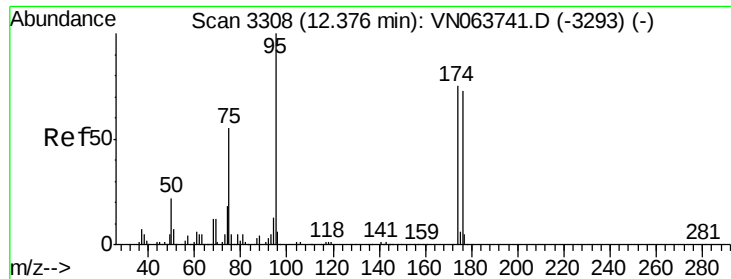
58 69.2 24.6 73.8



Abundance Ion 43.00 (42.70 to 43.70): VN063950.D (-2700) (-)

Ion 58.00 (57.70 to 58.70): VN063950.D (-2700) (-)

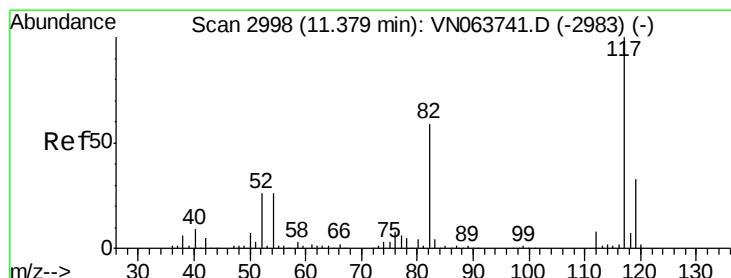
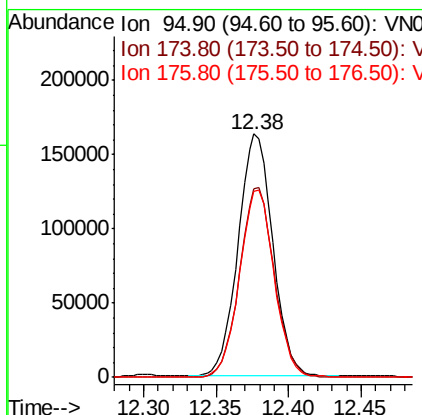
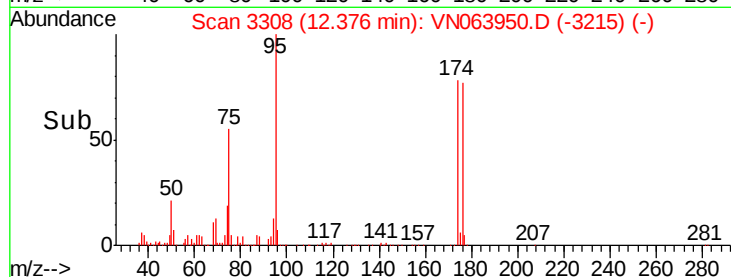
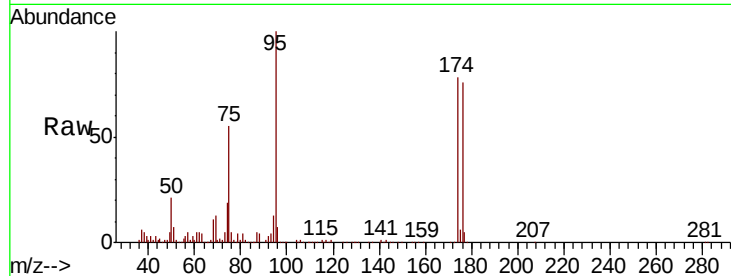




#62
4-Bromofluorobenzene
Concen: 61.020 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

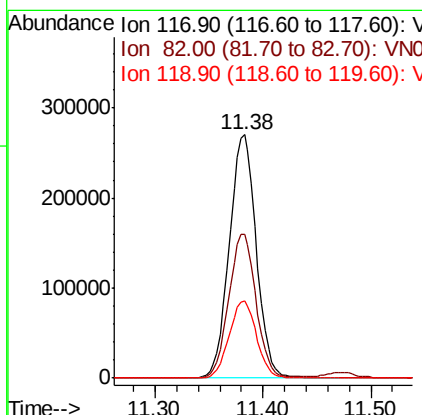
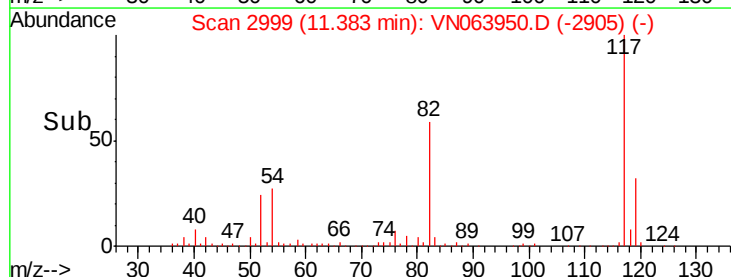
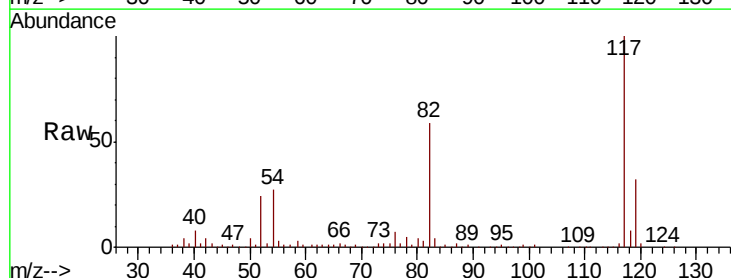
Instrument :
MSVOA_N
ClientSampled :
MW-08

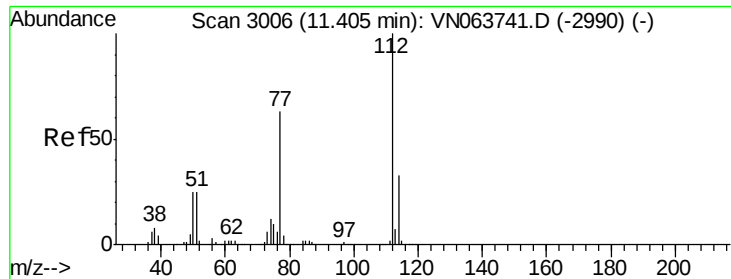
Tot Ion: 95 Resp: 271047
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.6
176 77.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 117 Resp: 471010
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.5 26.4 39.6





#65

Chlorobenzene

Concen: 1.997 ug/l

RT: 11.56 min Scan# 3055

Delta R.T. 0.16 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

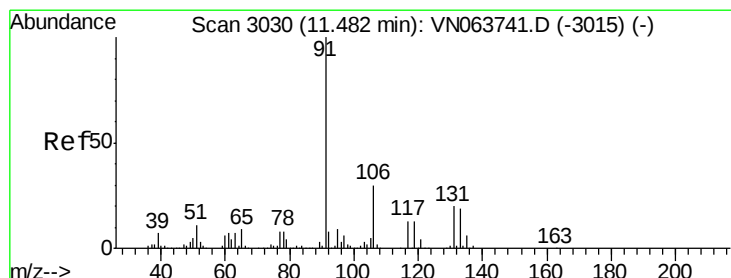
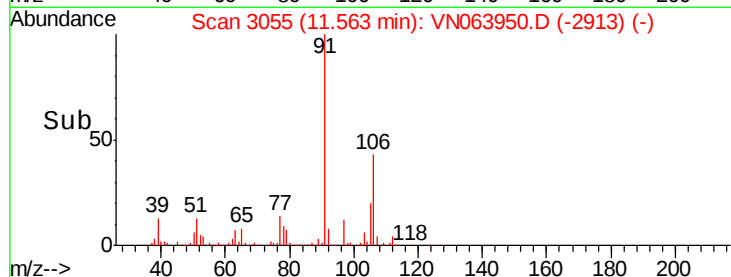
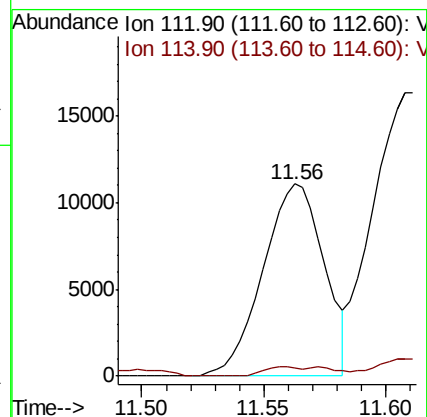
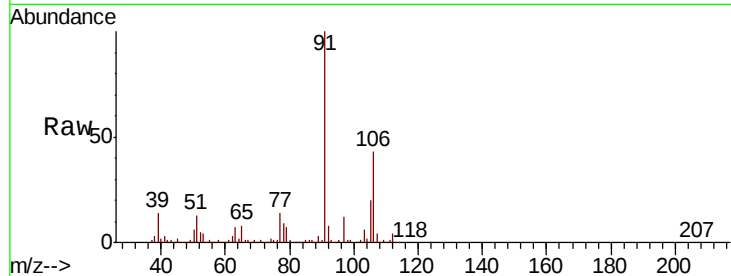
MW-08

Tot Ion:112 Resp: 19296

Ion Ratio Lower Upper

112 100

114 4.0 26.1 39.1#



#67

Ethyl Benzene

Concen: 720.333 ug/l

RT: 11.49 min Scan# 3032

Delta R.T. 0.01 min

Lab File: VN063950.D

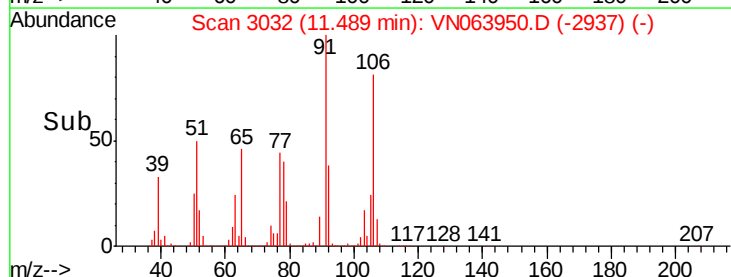
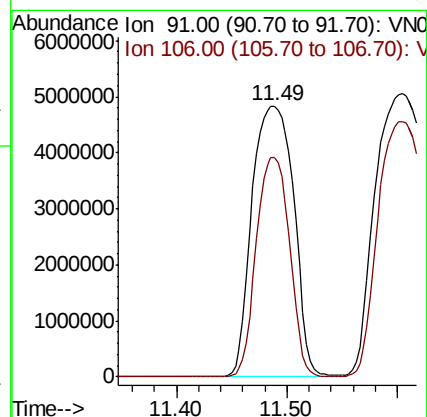
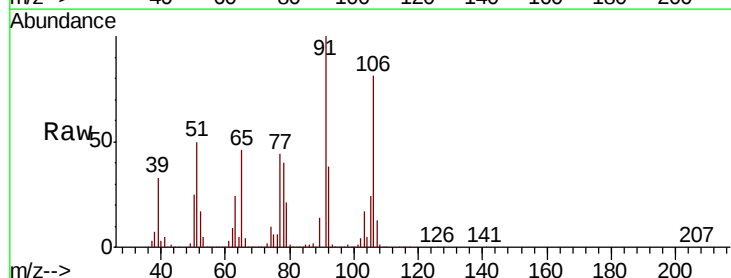
Acq: 7 Oct 2020 18:07

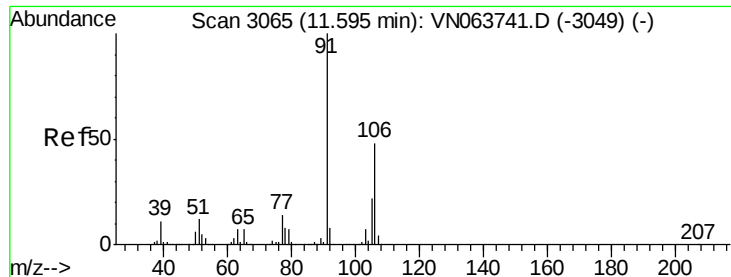
Tgt Ion: 91 Resp:12664241

Ion Ratio Lower Upper

91 100

106 81.0 24.2 36.2#

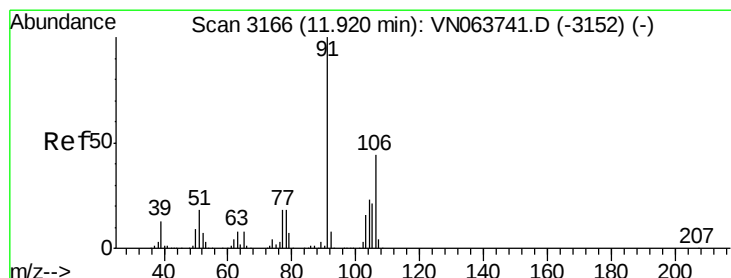
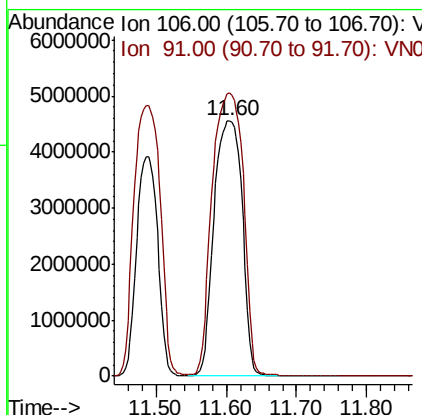
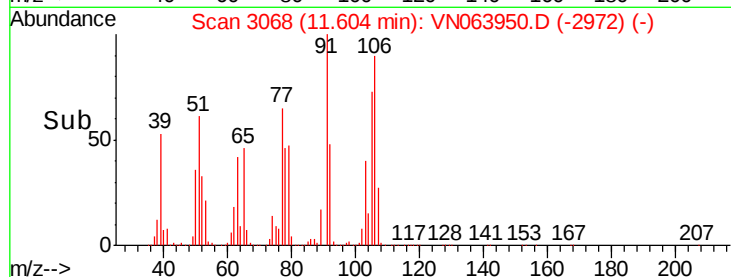
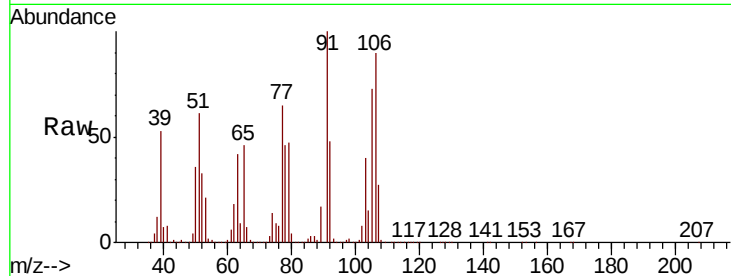




#68
m/p-Xylenes
Concen: 1930.796 ug/l
RT: 11.60 min Scan# 3068
Delta R.T. 0.01 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

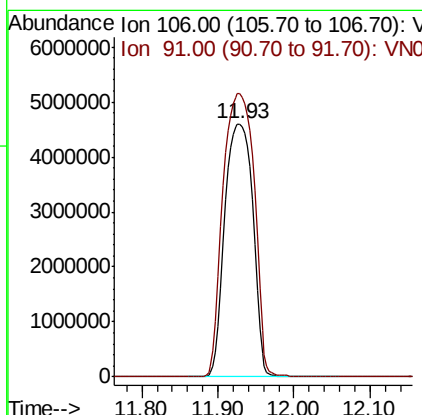
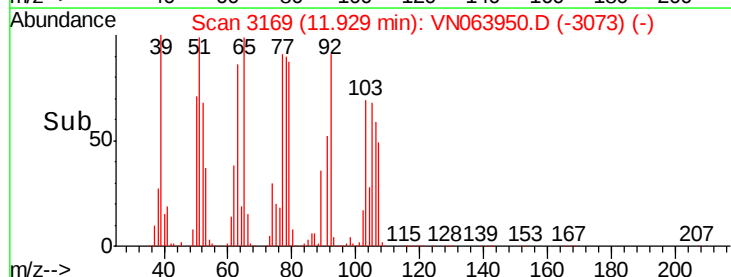
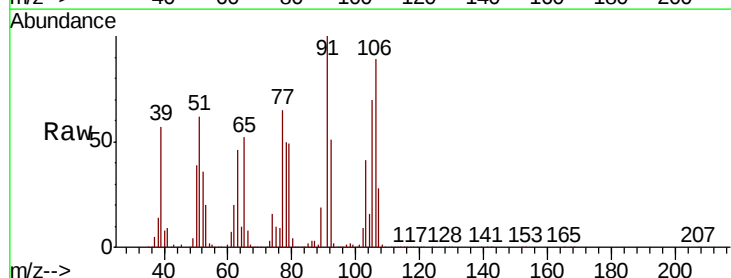
Instrument :
MSVOA_N
ClientSampleId :
MW-08

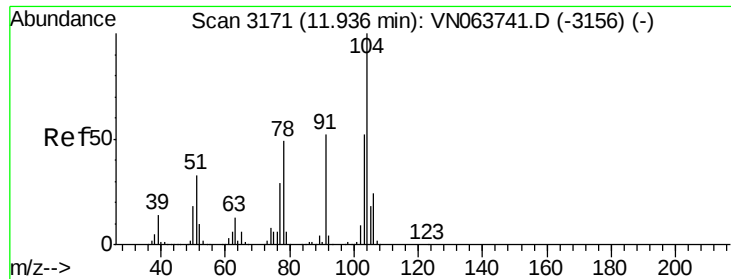
Tot Ion:106 Resp:12651423
Ion Ratio Lower Upper
106 100
91 123.6 168.0 252.0#



#69
o-Xylene
Concen: 1924.510 ug/l
RT: 11.93 min Scan# 3169
Delta R.T. 0.01 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion:106 Resp:11786374
Ion Ratio Lower Upper
106 100
91 125.0 112.7 338.0

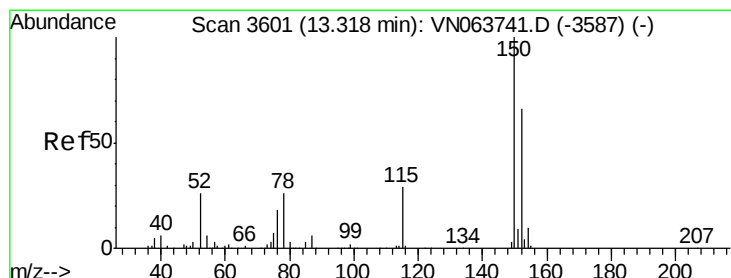
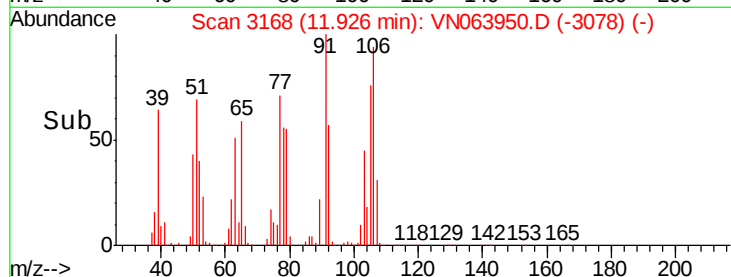
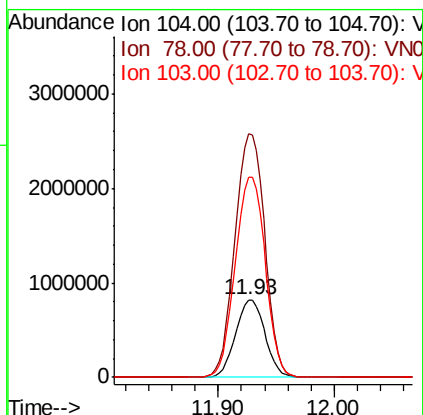
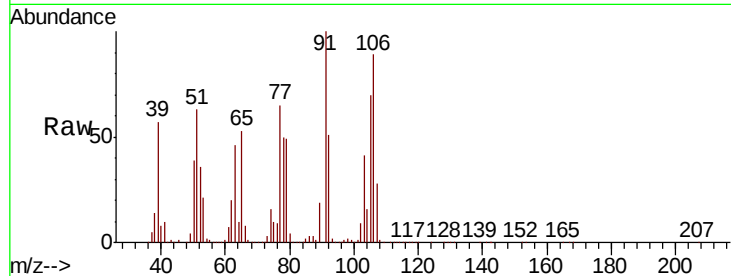




#70
Stvrene
Concen: 138.614 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

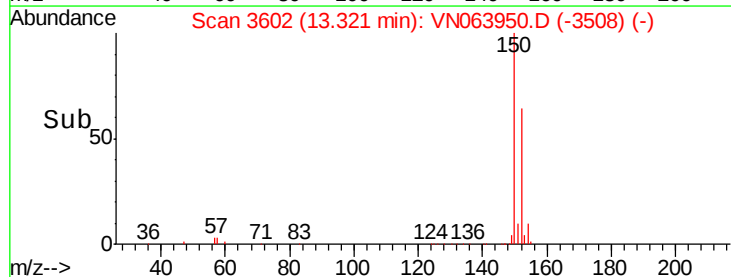
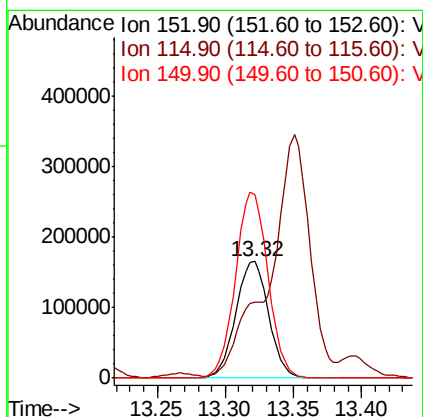
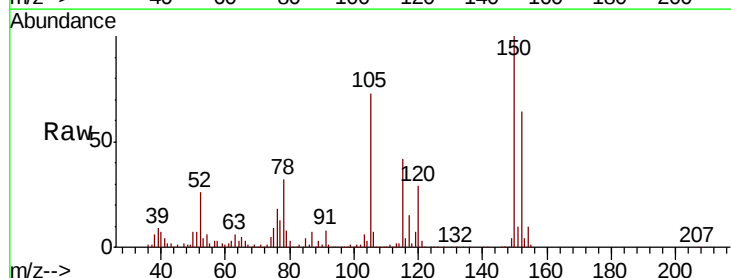
Instrument :
MSVOA_N
ClientSampleId :
MW-08

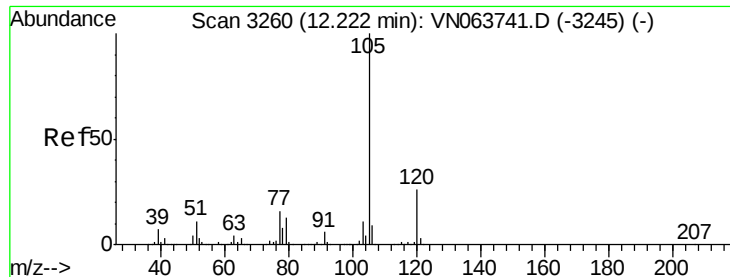
Tot Ion:104 Resp: 1441025
Ion Ratio Lower Upper
104 100
78 320.6 44.1 66.1#
103 264.7 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion:152 Resp: 277735
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 157.6 0.0 341.8





#73

Isopropylbenzene

Concen: 84.929 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

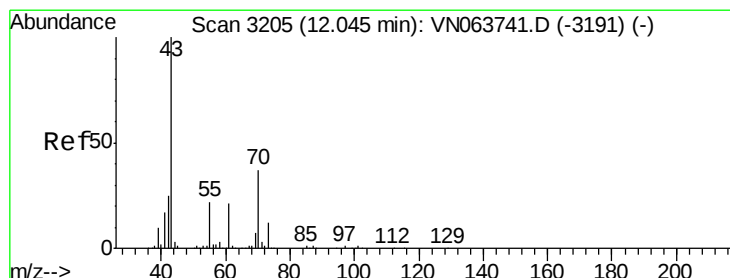
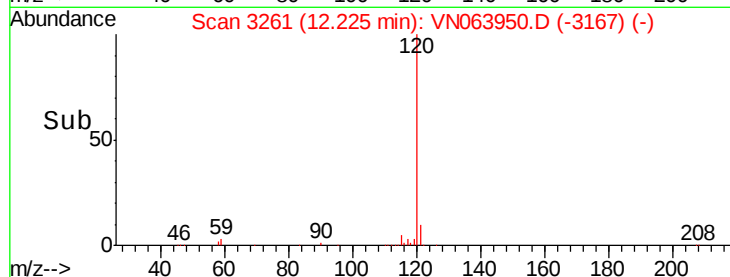
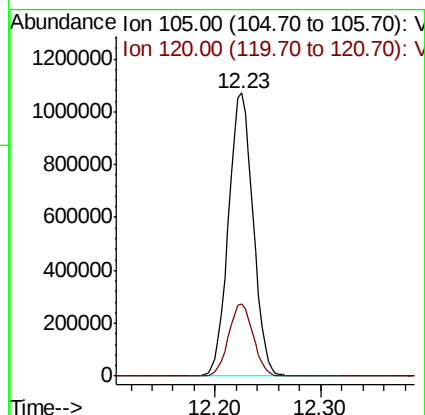
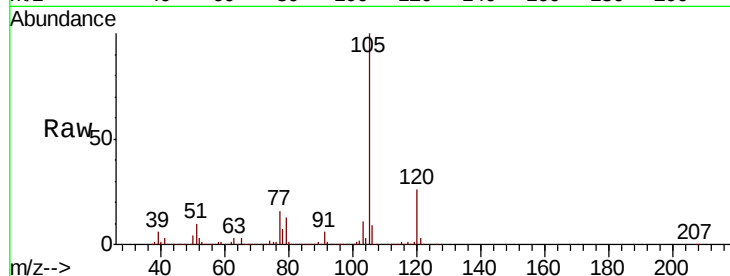
MW-08

Tot Ion:105 Resp: 1720480

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 3.100 ug/l

RT: 12.01 min Scan# 3193

Delta R.T. -0.04 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Tgt Ion: 43 Resp: 8713

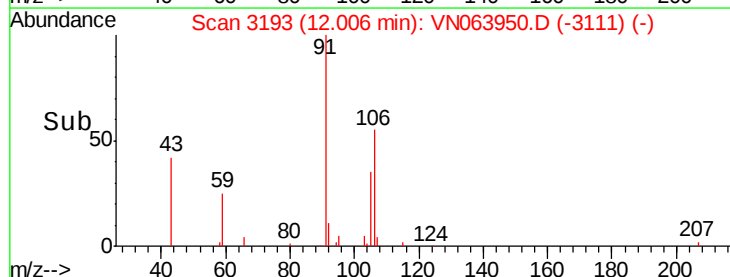
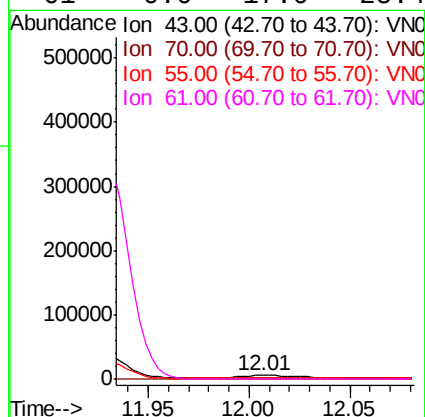
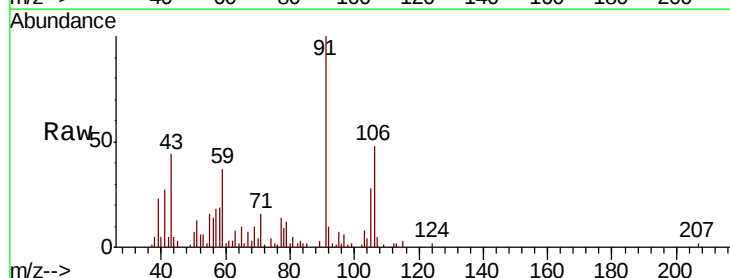
Ion Ratio Lower Upper

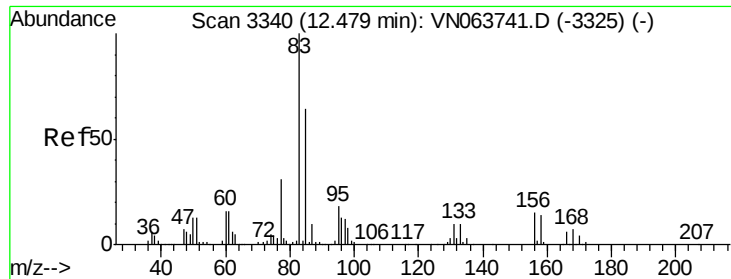
43 100

70 17.4 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.478 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.02 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

MW-08

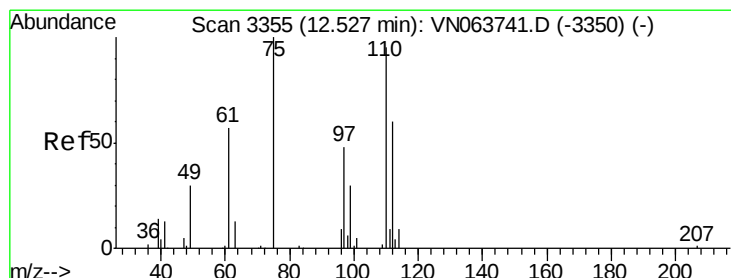
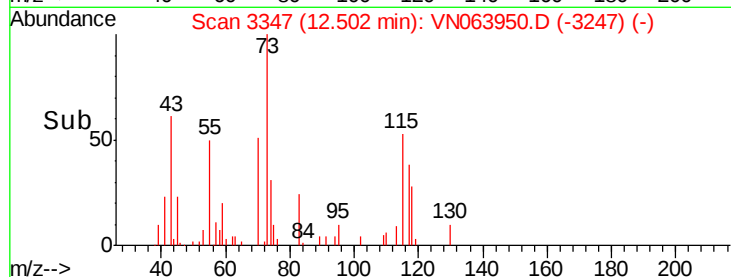
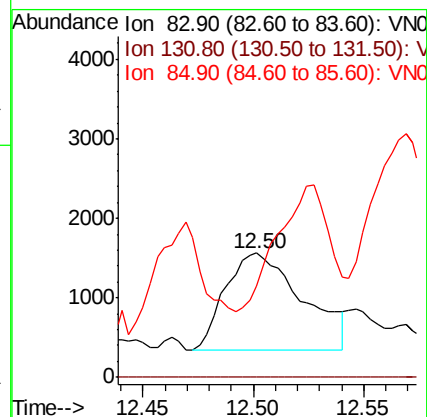
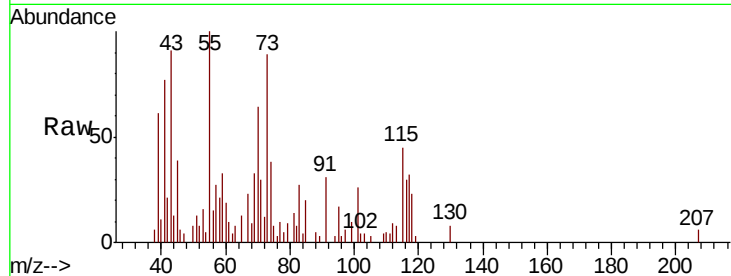
Tot Ion: 83 Resp: 2962

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 31.3 93.8#



#76

1,2,3-Trichloropropane

Concen: 4.638 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.04 min

Lab File: VN063950.D

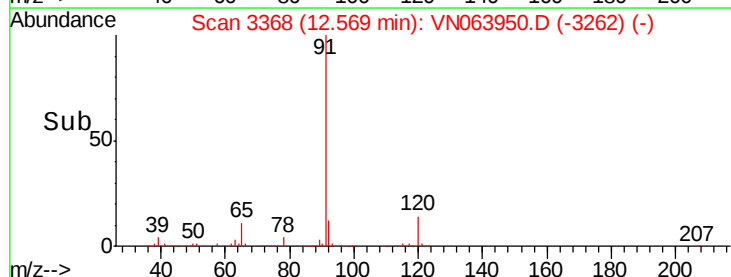
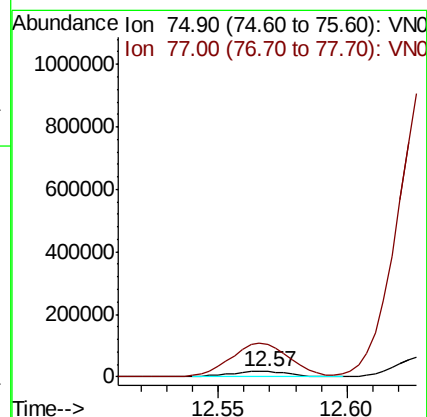
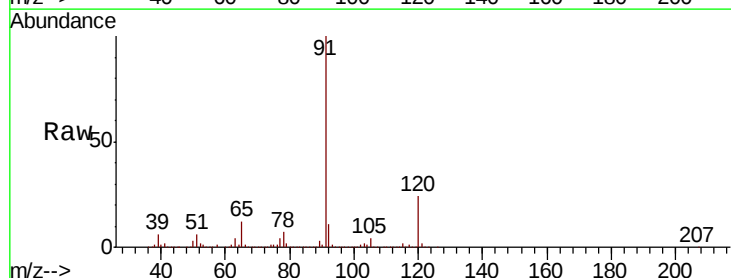
Acq: 7 Oct 2020 18:07

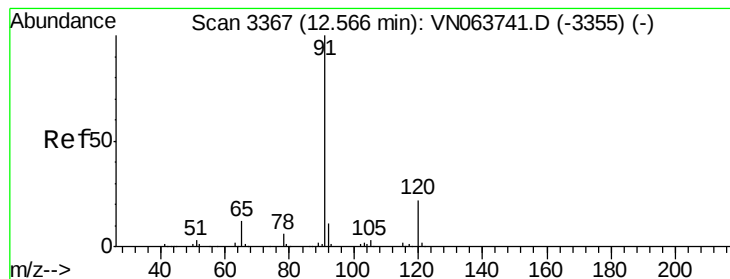
Tgt Ion: 75 Resp: 28396

Ion Ratio Lower Upper

75 100

77 617.2 0.0 0.0#





#78

n-propylbenzene

Concen: 174.651 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampled :

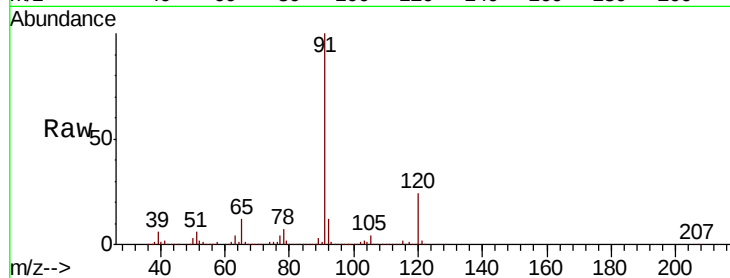
MW-08

Tot Ion: 91 Resp: 4117582

Ion Ratio Lower Upper

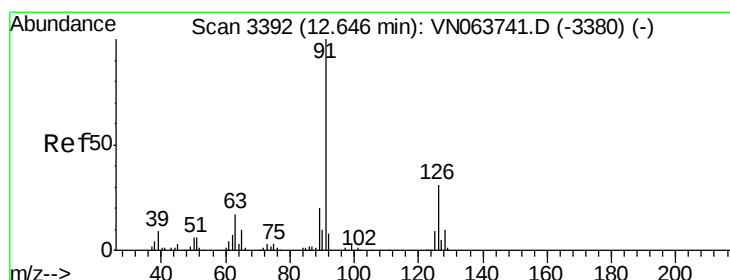
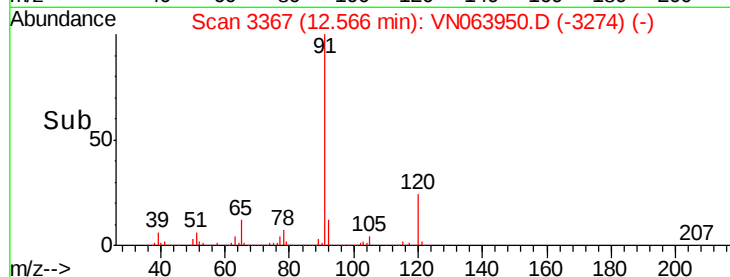
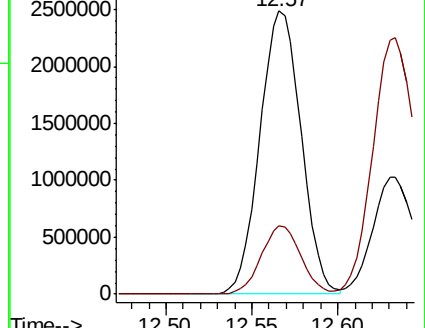
91 100

120 23.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3355) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3355) (-)



#79

2-Chlorotoluene

Concen: 116.779 ug/l

RT: 12.63 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN063950.D

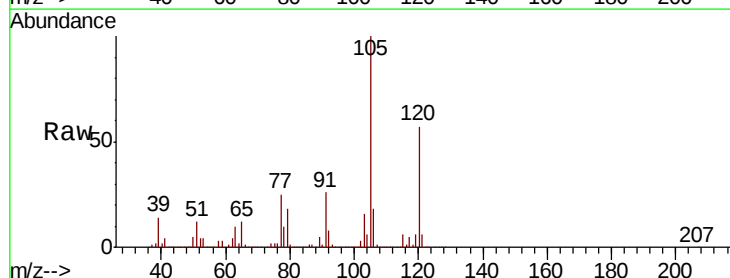
Acq: 7 Oct 2020 18:07

Tgt Ion: 91 Resp: 1693257

Ion Ratio Lower Upper

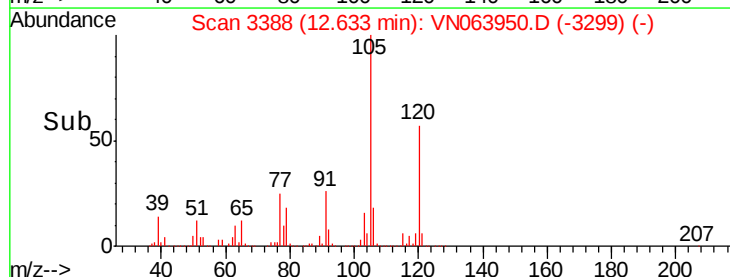
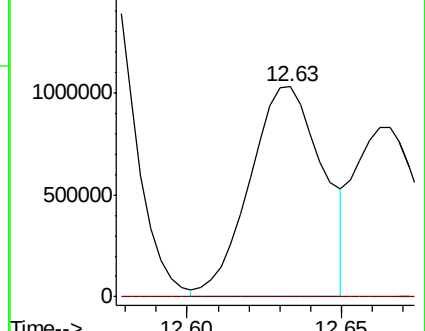
91 100

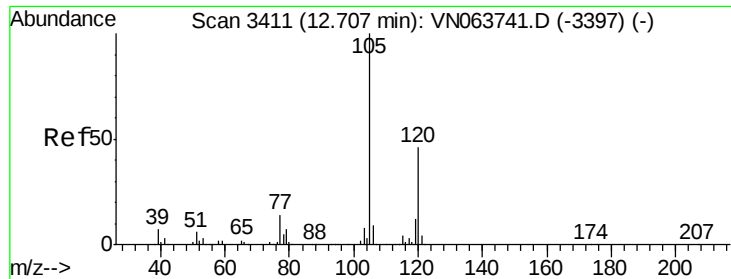
126 0.6 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

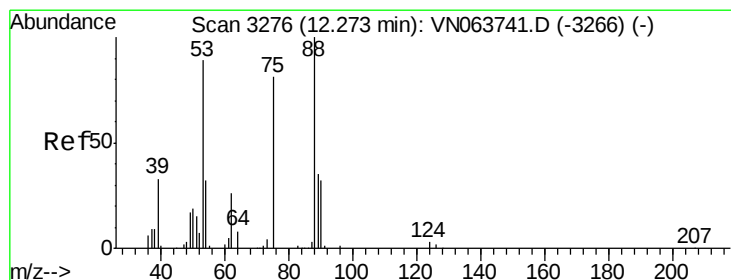
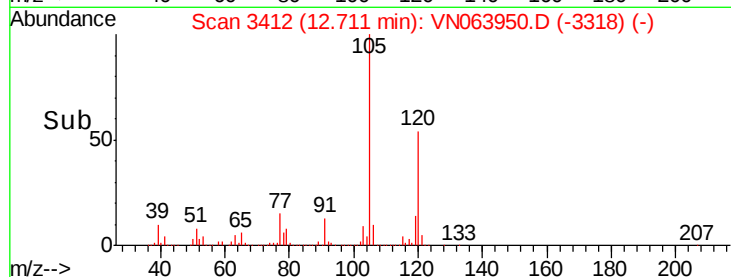
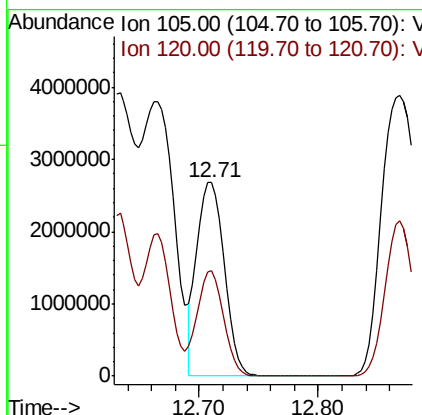
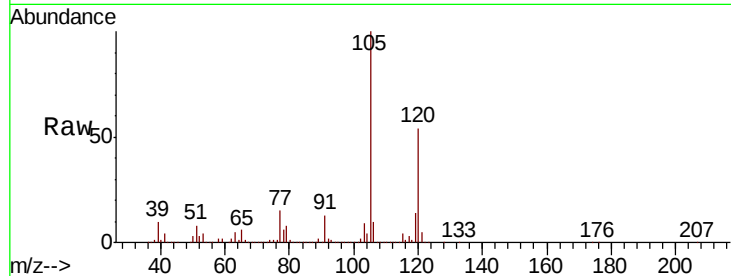




#80
 1,3,5-Trimethylbenzene
 Concen: 252.939 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

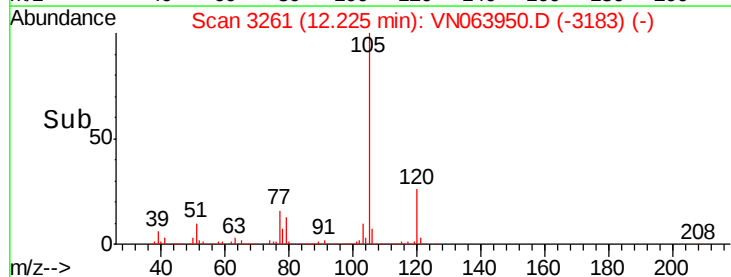
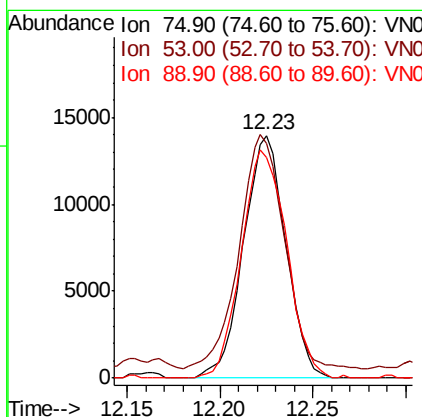
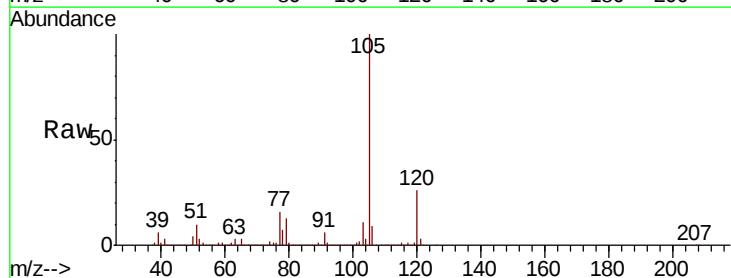
Instrument :
 MSVOA_N
 ClientSampled :
 MW-08

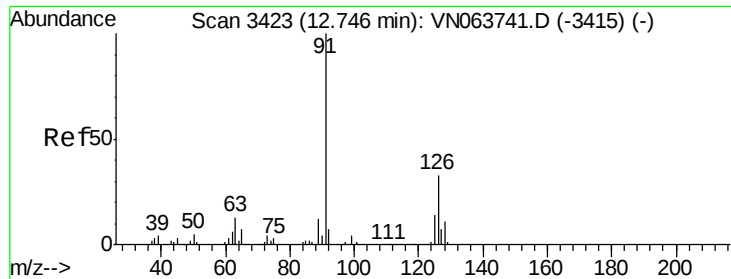
Tot Ion:105 Resp: 4298746
 Ion Ratio Lower Upper
 105 100
 120 52.8 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.398 ug/l
 RT: 12.23 min Scan# 3261
 Delta R.T. -0.05 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

Tgt Ion: 75 Resp: 22104
 Ion Ratio Lower Upper
 75 100
 53 102.5 88.2 132.2
 89 100.9 36.0 54.0#





#82

4-Chlorotoluene

Concen: 34.166 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

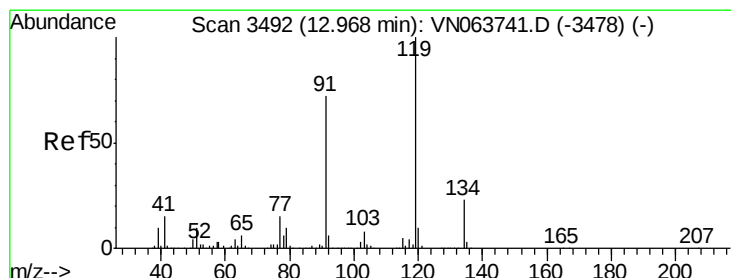
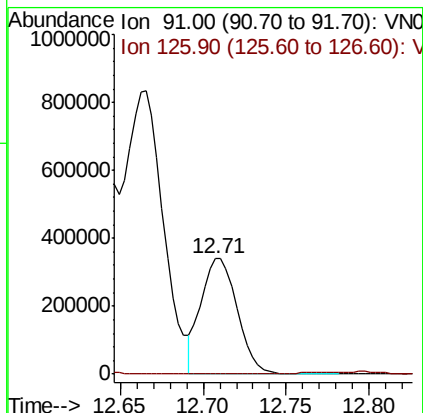
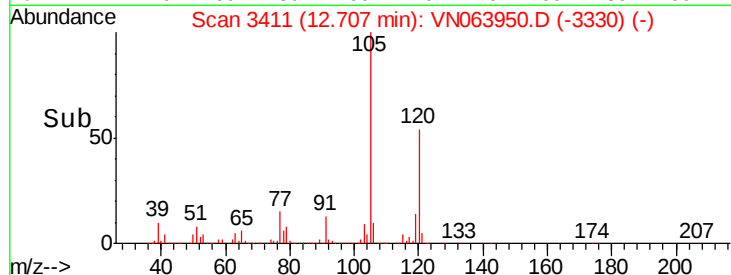
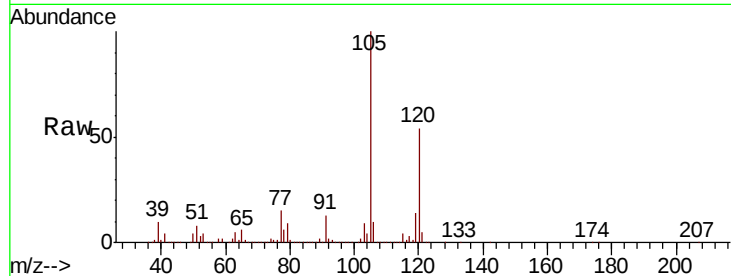
MW-08

Tot Ion: 91 Resp: 514273

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#83

tert-Butylbenzene

Concen: 328.639 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. 0.05 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

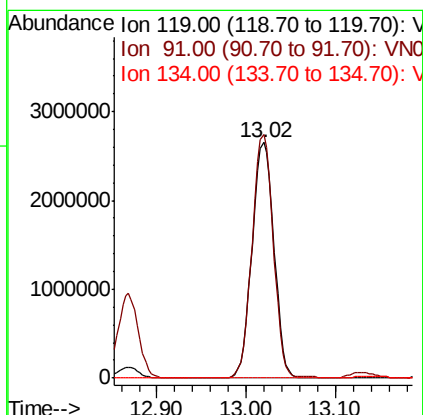
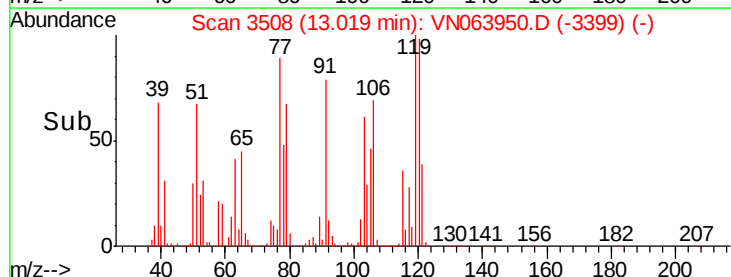
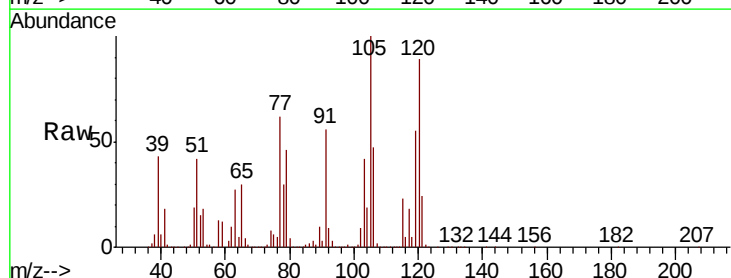
Tgt Ion: 119 Resp: 4568651

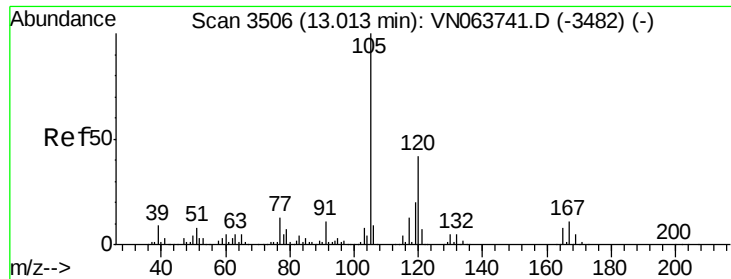
Ion Ratio Lower Upper

119 100

91 99.8 35.5 106.5

134 0.0 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 466.568 ug/l

RT: 12.87 min Scan# 3461

Delta R.T. -0.14 min

Lab File: VN063950.D

Acq: 7 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

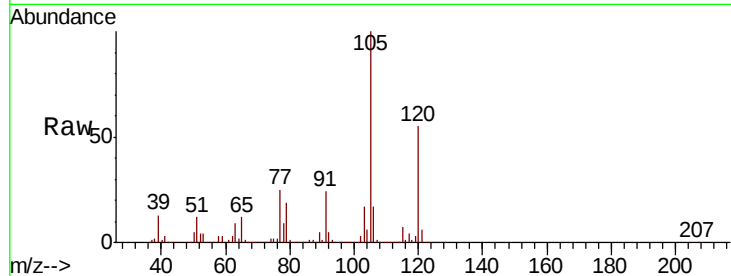
MW-08

Tot Ion:105 Resp: 7916799

Ion Ratio Lower Upper

105 100

120 44.7 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

5000000

4000000

3000000

2000000

1000000

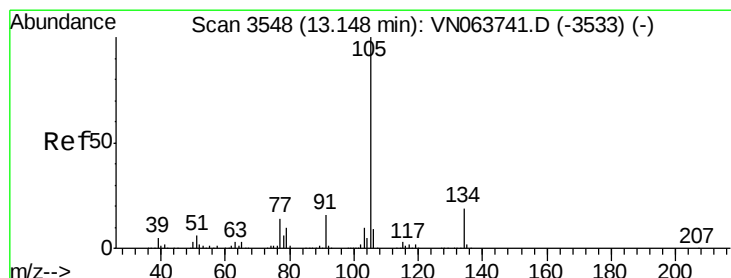
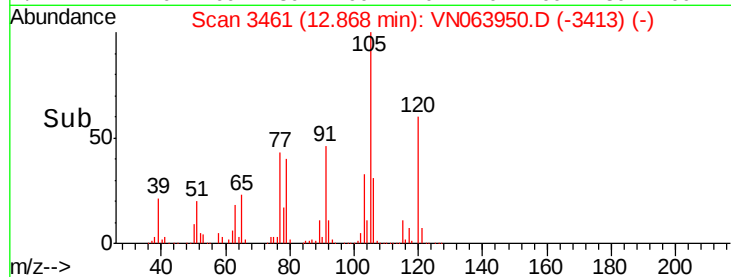
0

12.87

12.90

13.00

Time-->



#85

sec-Butylbenzene

Concen: 678.325 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. -0.13 min

Lab File: VN063950.D

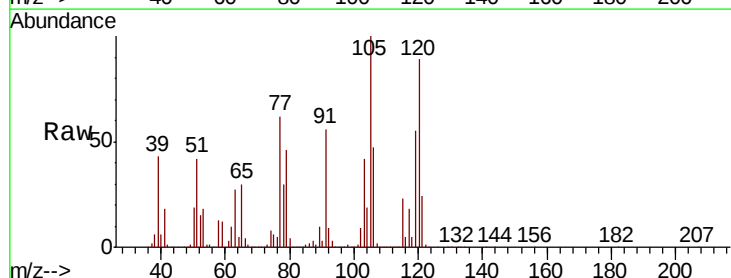
Acq: 7 Oct 2020 18:07

Tgt Ion:105 Resp:12385614

Ion Ratio Lower Upper

105 100

134 0.0 9.5 28.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

5000000

4000000

3000000

2000000

1000000

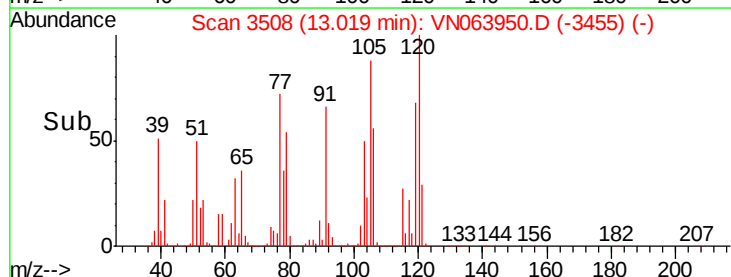
0

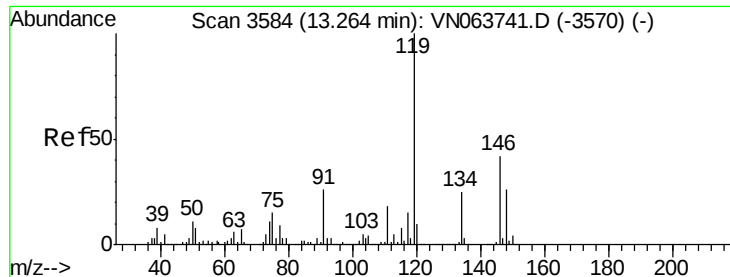
13.02

12.90

13.10

Time-->

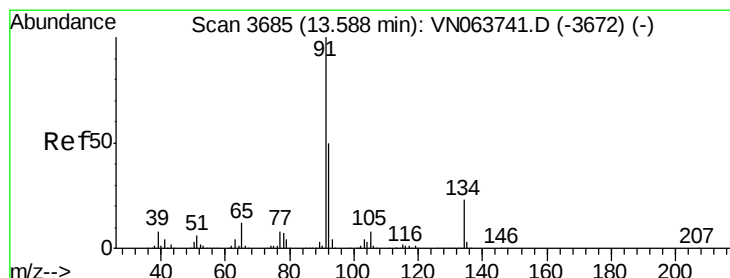
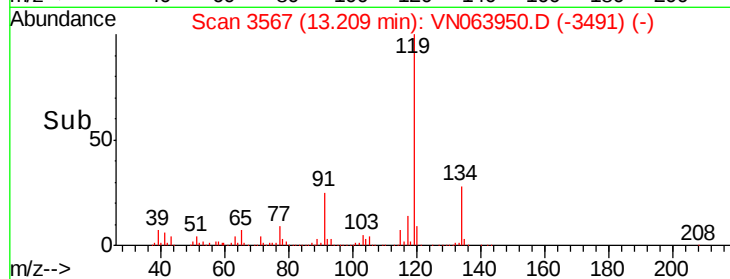
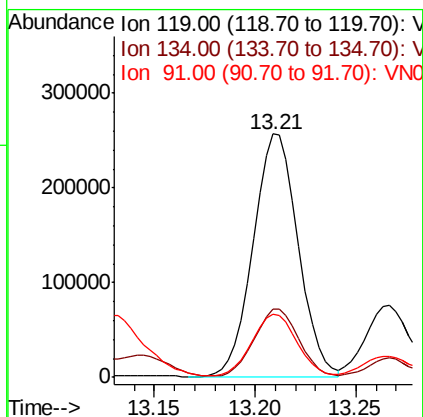
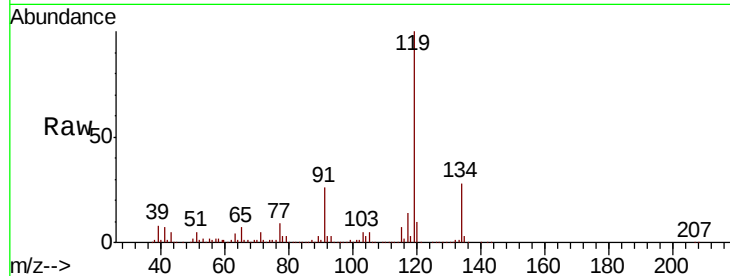




#86
p-Isopropyltoluene
Concen: 24.717 ug/l
RT: 13.21 min Scan# 3567
Delta R.T. -0.05 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

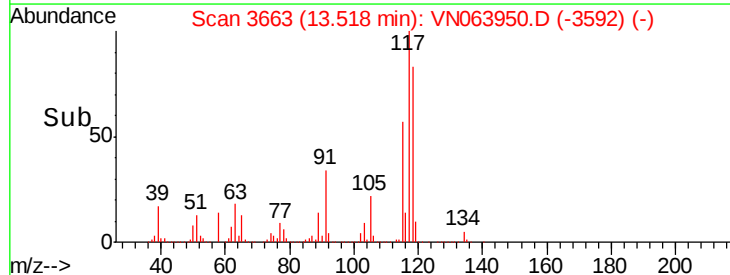
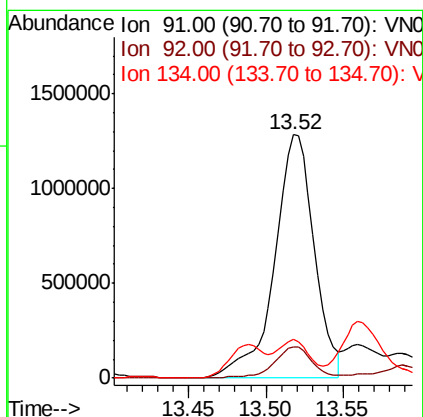
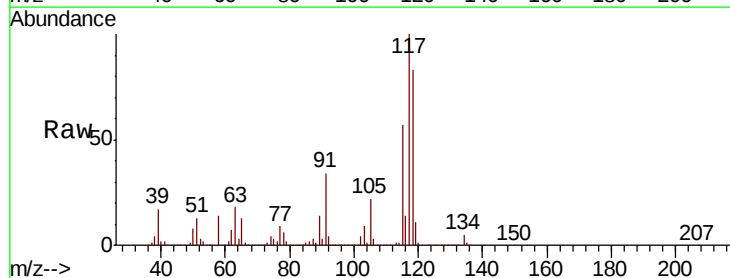
Instrument :
MSVOA_N
ClientSampleId :
MW-08

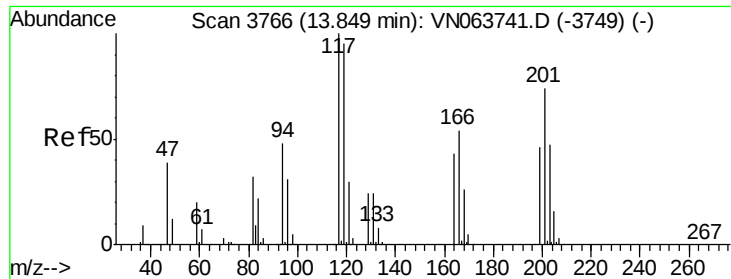
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.6	37.8
91	0.0	13.4	40.2#



#89
n-Butylbenzene
Concen: 153.965 ug/l
RT: 13.52 min Scan# 3663
Delta R.T. -0.07 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	12.3	25.4	76.4#
134	7.9	11.7	35.1#

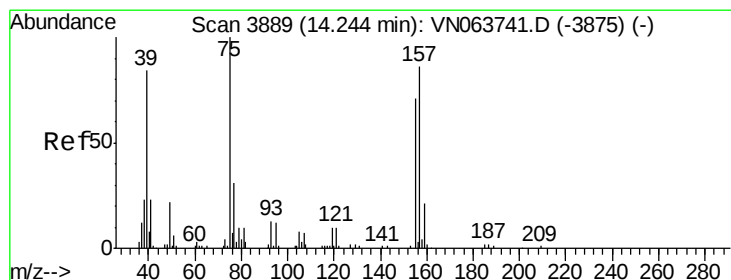
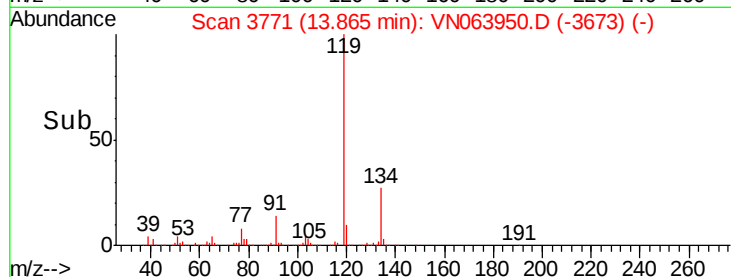
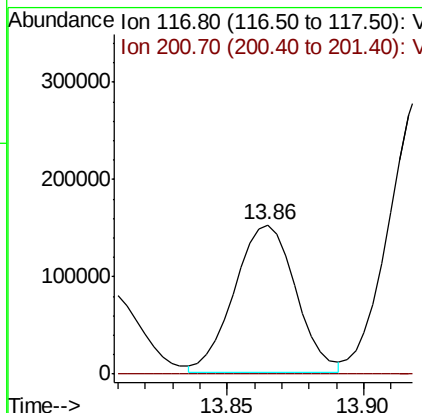
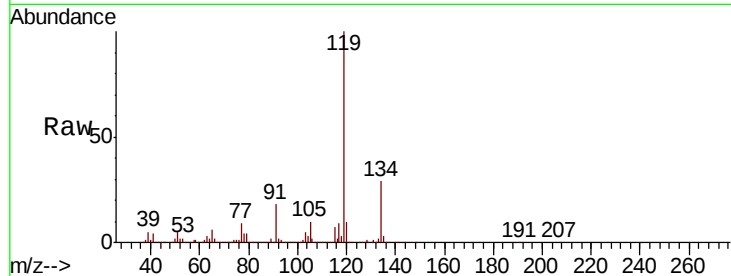




#90
Hexachloroethane
Concen: 75.963 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

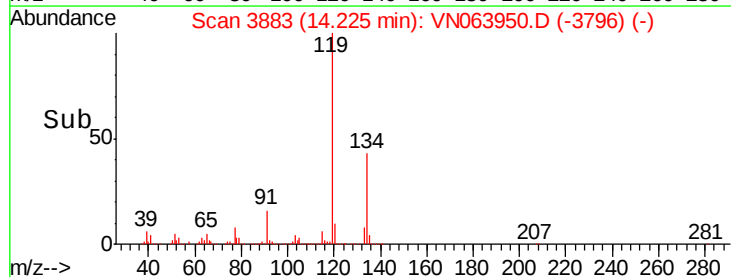
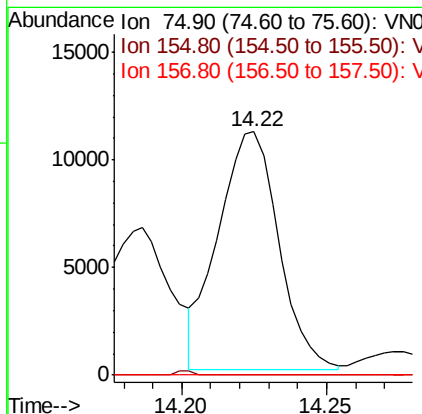
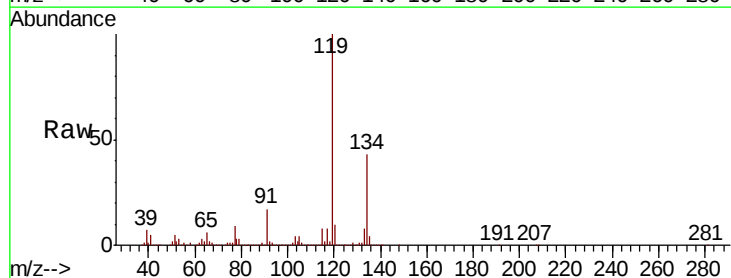
Instrument :
MSVOA_N
ClientSampled :
MW-08

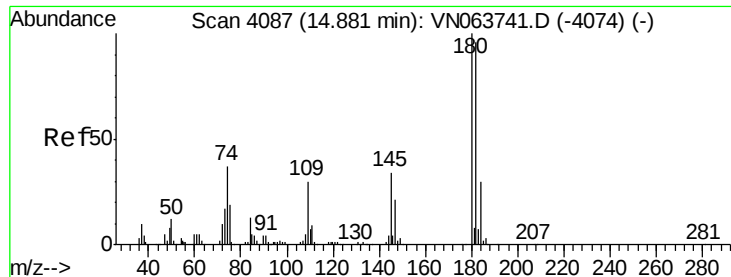
Tot Ion:117 Resp: 237772
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.034 ug/l
RT: 14.22 min Scan# 3883
Delta R.T. -0.02 min
Lab File: VN063950.D
Acq: 7 Oct 2020 18:07

Tgt Ion: 75 Resp: 16029
Ion Ratio Lower Upper
75 100
155 0.0 34.8 104.5#
157 0.0 43.7 131.1#

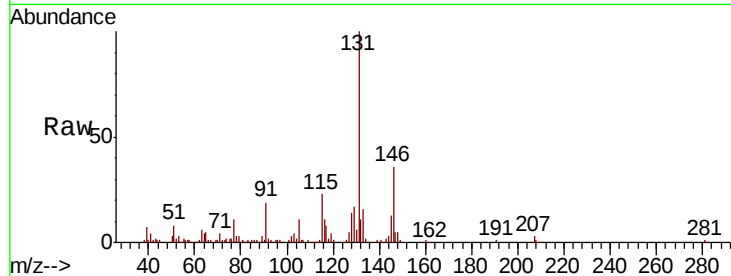




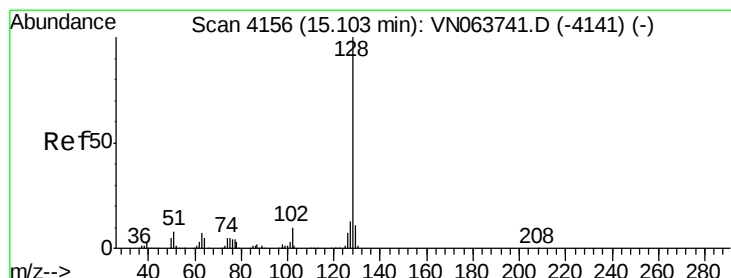
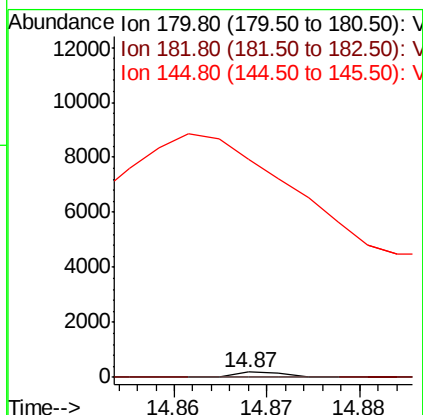
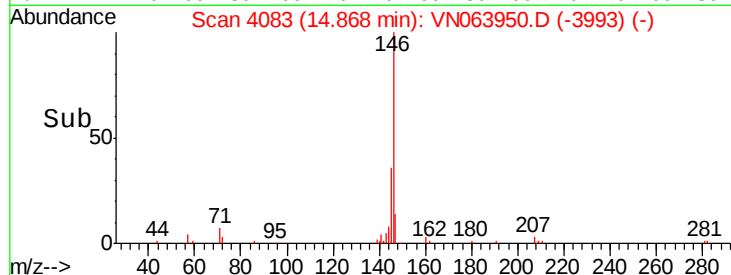
#93
 1,2,4-Trichlorobenzene
 Concen: 1.750 ug/l
 RT: 14.87 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08

Tot Ion:180 Resp: 66
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.2 144.6#
 145 32101.5 17.1 51.2#

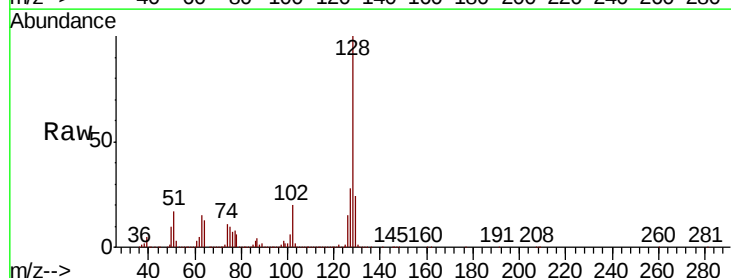


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

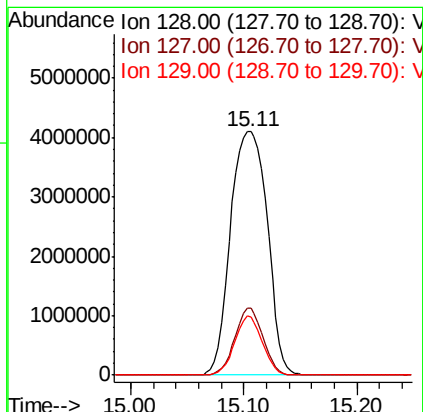
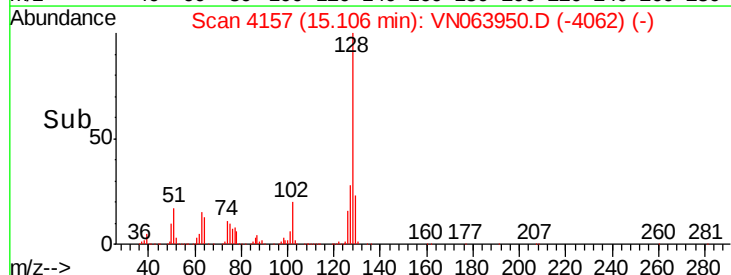


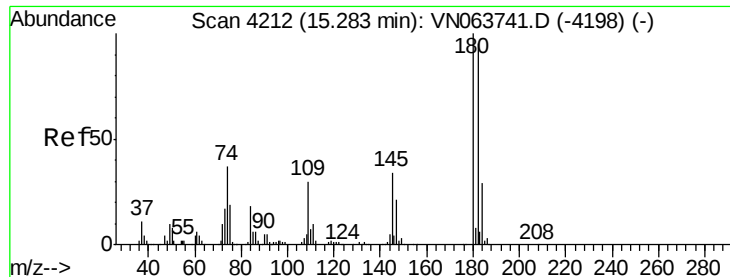
#95
 Naphthalene
 Concen: 596.972 ug/l
 RT: 15.11 min Scan# 4157
 Delta R.T. 0.00 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

Tgt Ion:128 Resp: 9274346
 Ion Ratio Lower Upper
 128 100
 127 21.0 10.5 15.7#
 129 18.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

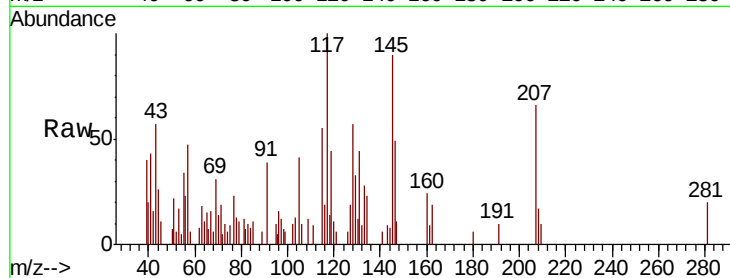




#96
 1,2,3-Trichlorobenzene
 Concen: 1.581 ug/l
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN063950.D
 Acq: 7 Oct 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.6#
145	0.0	17.2	51.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

