

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063704.D
 Acq On : 28 Sep 2020 14:45
 Operator : JC/MD
 Sample : L4114-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 67-68-73-74

Quant Time: Sep 29 00:39:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177209	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	180257	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
35) Dibromofluoromethane	7.55	113	130395	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.06	98	495291	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.38	95	201599	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	23599	48.334	ug/l #	77
13) Acrolein	3.46	56	61	0.337	ug/l #	13
15) Acrylonitrile	4.94	53	560	0.451	ug/l #	82
16) Acetone	3.78	43	134337	118.602	ug/l	100
18) Methyl Acetate	4.01	43	18520	6.441	ug/l #	54
19) Methyl tert-butyl Ether	5.00	73	9969	1.145	ug/l	91
20) Methylene Chloride	4.50	84	2411	0.840	ug/l #	79
22) Diisopropyl ether	5.99	45	2059	0.218	ug/l #	1
23) Vinyl Acetate	5.99	43	5409	0.699	ug/l #	75
25) 2-Butanone	6.79	43	180165	103.423	ug/l	99
28) Bromochloromethane	7.15	49	590	0.248	ug/l #	60
30) Chloroform	7.33	83	134029	25.961	ug/l	97
31) Cyclohexane	7.63	56	6235	1.281	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	19925	4.950	ug/l #	50
37) Ethyl Acetate	6.79	43	180165	45.600	ug/l #	71
38) Carbon Tetrachloride	7.63	117	23670	5.760	ug/l #	17
47) Bromodichloromethane	9.37	83	4685	1.096	ug/l	94
48) Methyl methacrylate	9.16	41	1066	0.307	ug/l #	42
49) 1,4-Dioxane	9.17	88	57291	1150.175	ug/l	94
51) 4-Methyl-2-Pentanone	9.96	43	10207	2.581	ug/l	98
52) Toluene	10.13	92	90322	13.073	ug/l	98
53) t-1,3-Dichloropropene	10.12	75	1254	0.263	ug/l #	1
56) Ethyl methacrylate	10.32	69	1661	0.388	ug/l #	38
60) Dibromochloromethane	10.88	129	954	0.308	ug/l	72
67) Ethyl Benzene	11.49	91	6208	0.394	ug/l	94
68) m/p-Xylenes	11.59	106	10960	1.929	ug/l	92
69) o-Xylene	11.92	106	5891	1.088	ug/l	82
71) Bromoform	12.37	173	920	0.403	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	113030	25.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113030	70.651	ug/l #	7
90) Hexachloroethane	13.96	117	2258	1.028	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.20	75	276	0.264	ug/l #	10
95) Naphthalene	15.10	128	7719	0.682	ug/l #	92

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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

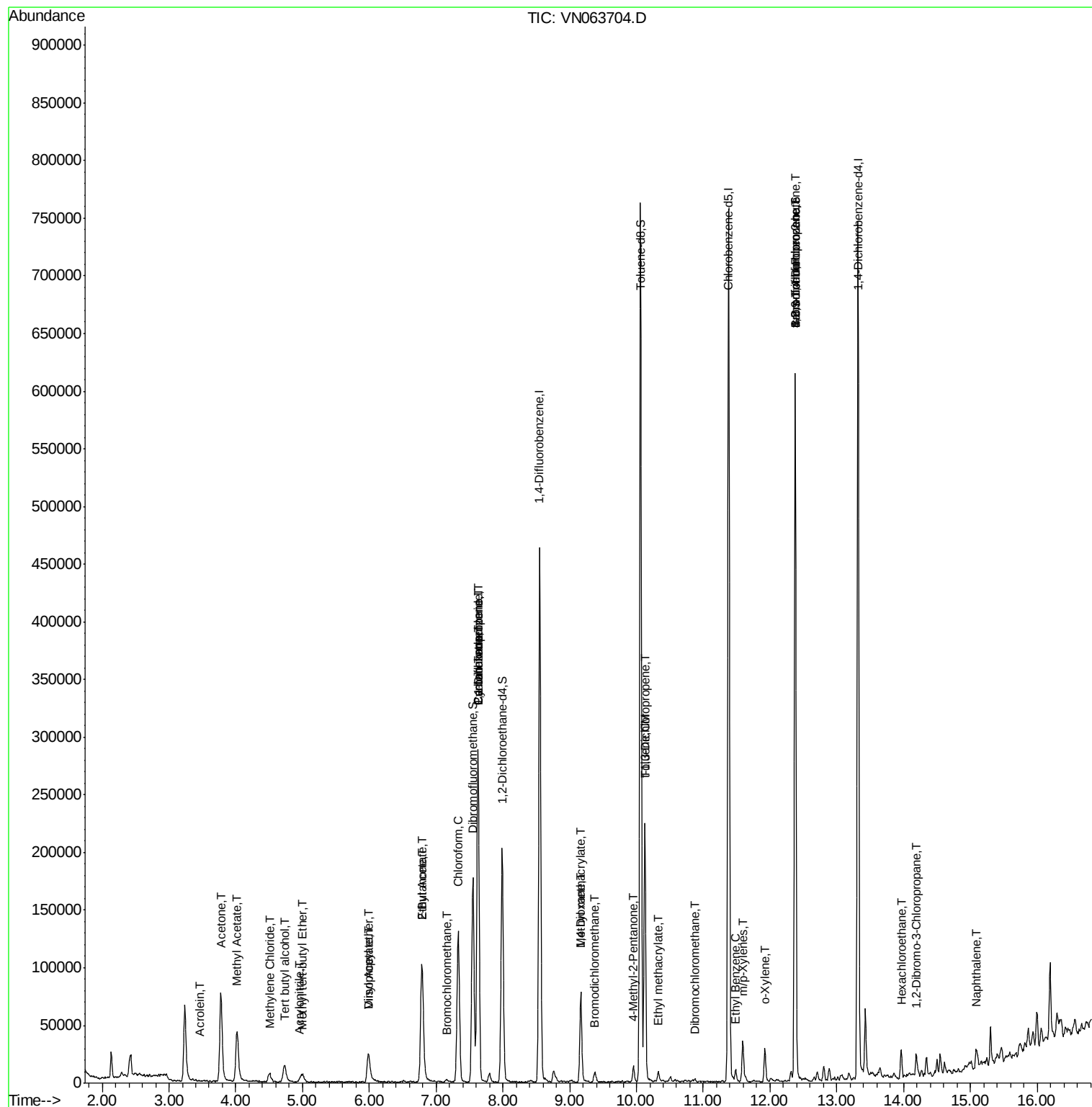
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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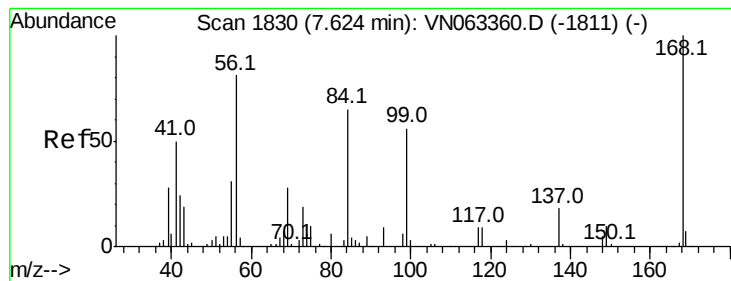
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

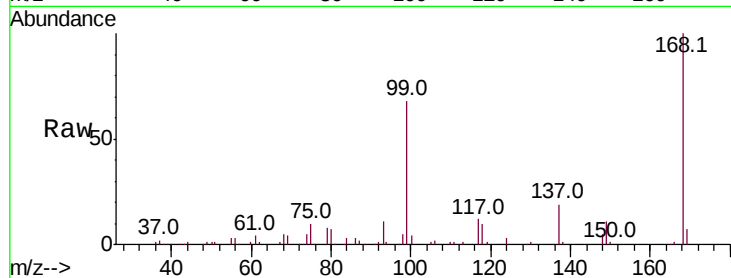
67-68-73-74

Tot Ion:168 Resp: 207040

Ion Ratio Lower Upper

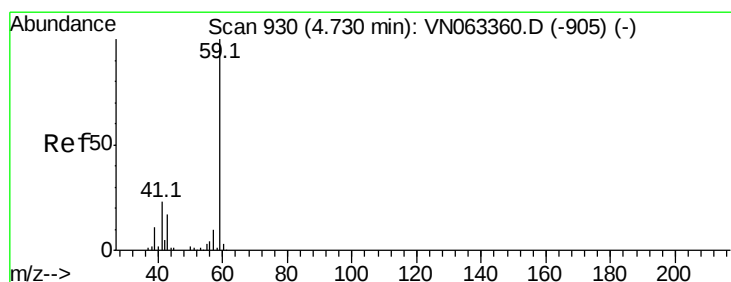
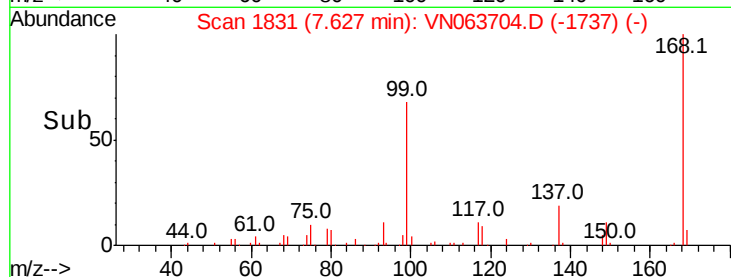
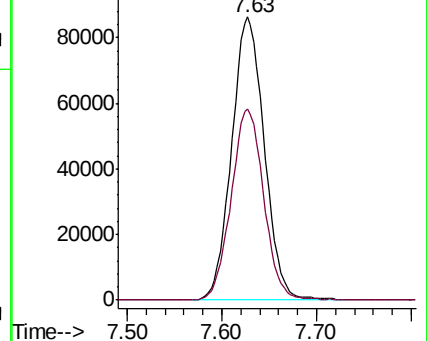
168 100

99 67.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 48.334 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.01 min

Lab File: VN063704.D

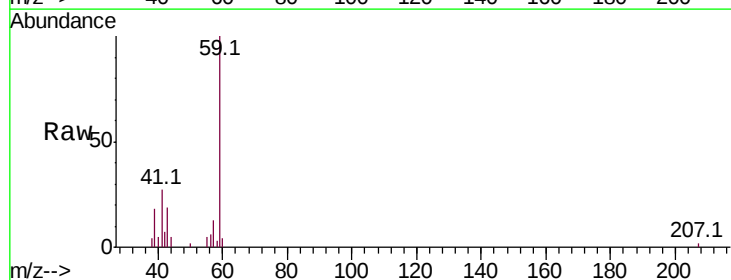
Acq: 28 Sep 2020 14:45

Tgt Ion: 59 Resp: 23599

Ion Ratio Lower Upper

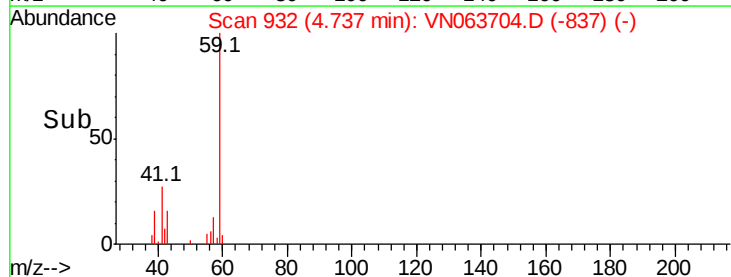
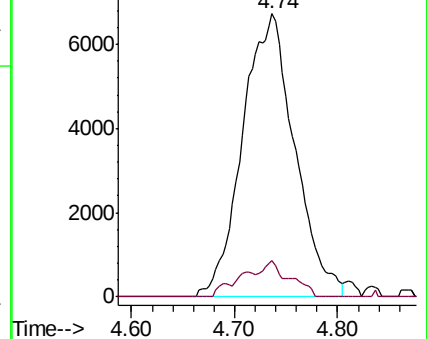
59 100

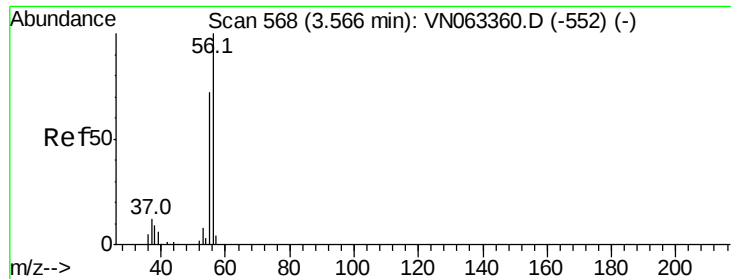
57 1.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#13

Acrolein

Concen: 0.337 ug/l

RT: 3.46 min Scan# 534

Delta R.T. -0.11 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

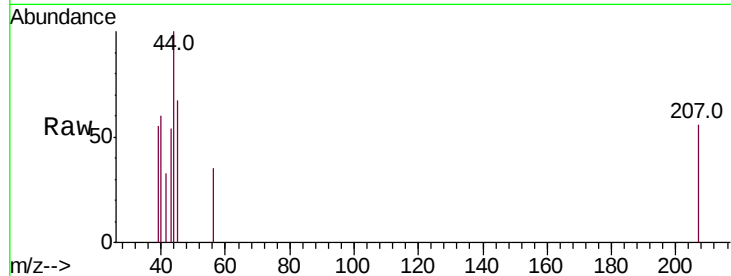
67-68-73-74

Tot Ion: 56 Resp: 61

Ion Ratio Lower Upper

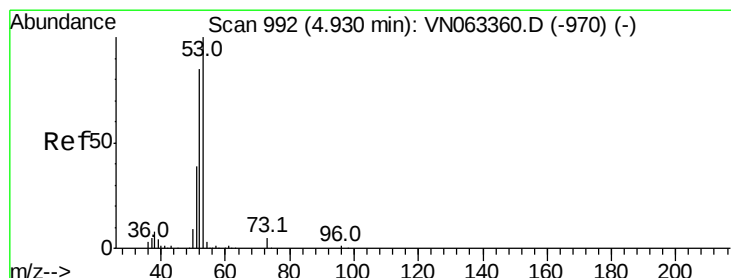
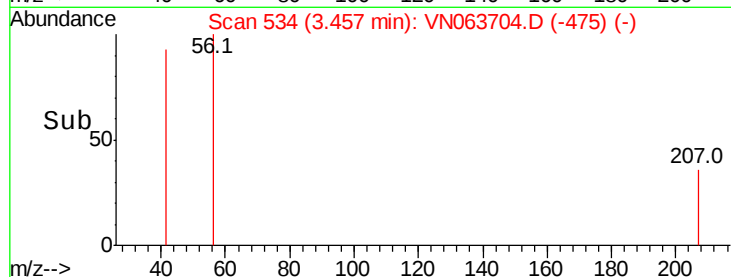
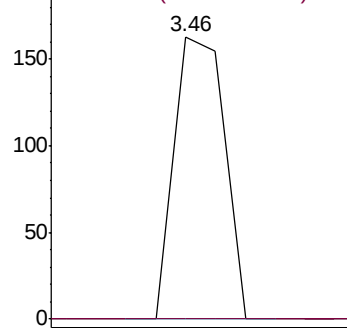
56 100

55 0.0 58.2 87.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#15

Acrylonitrile

Concen: 0.451 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

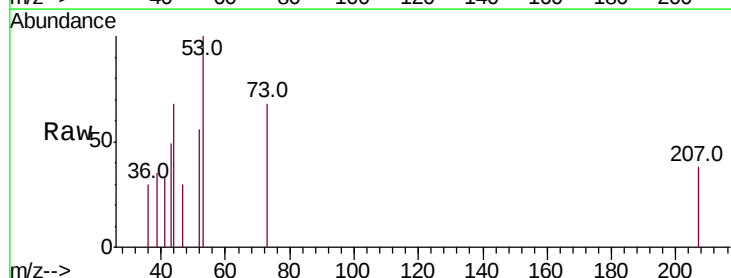
Tgt Ion: 53 Resp: 560

Ion Ratio Lower Upper

53 100

52 104.5 66.4 99.6#

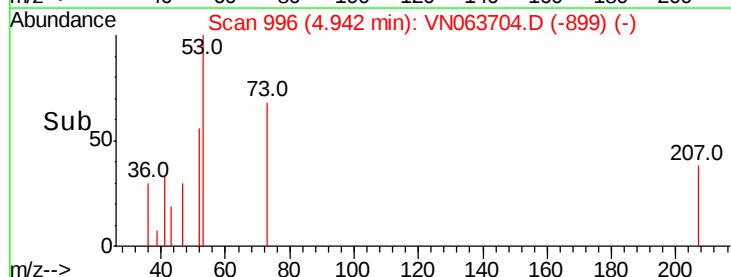
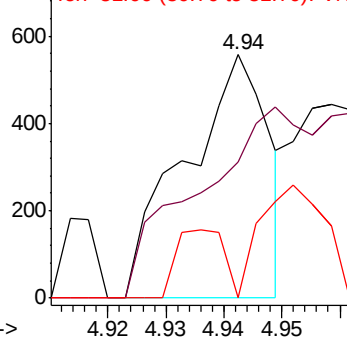
51 35.5 30.2 45.4

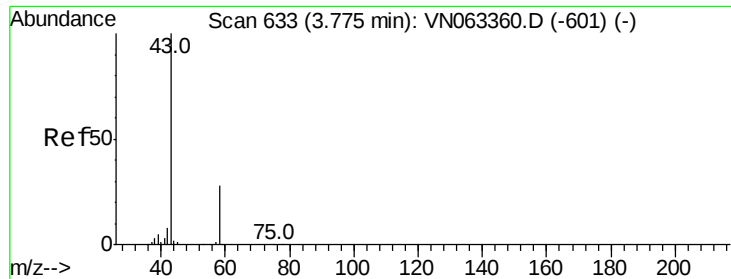


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

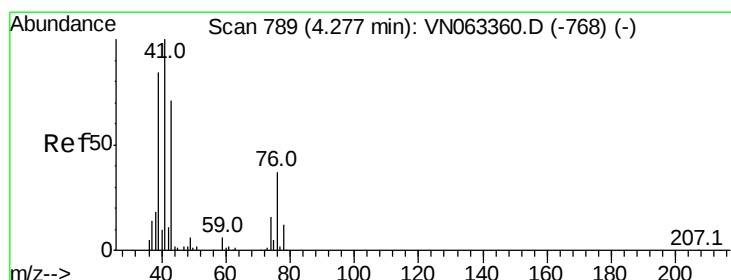
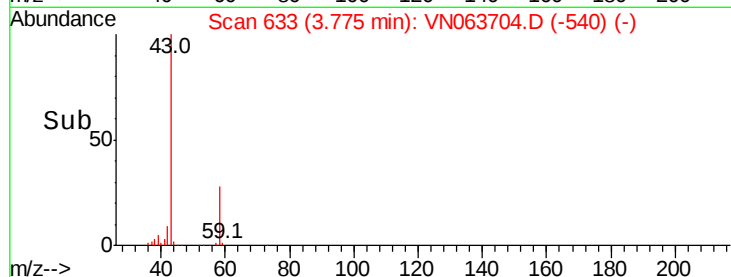
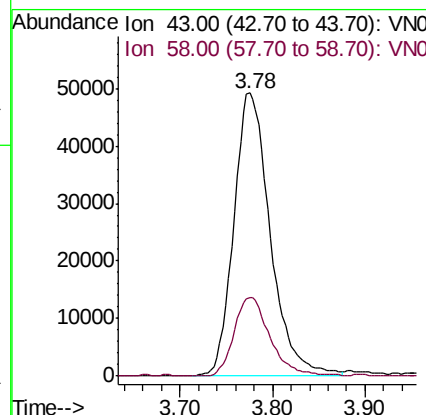
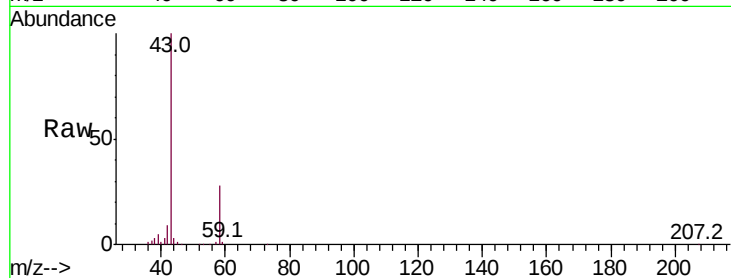




#16
Acetone
Concen: 118.602 ug/l
RT: 3.78 min Scan# 633
Delta R.T. -0.00 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

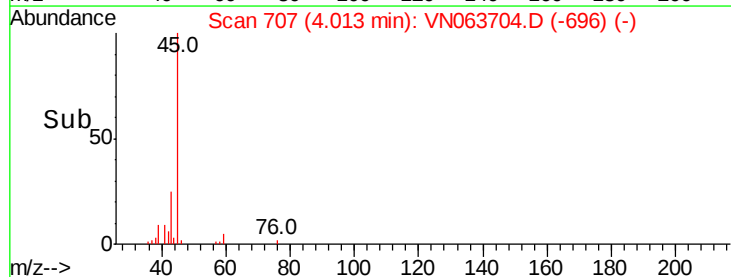
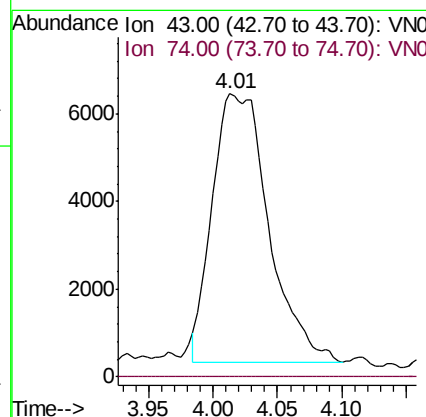
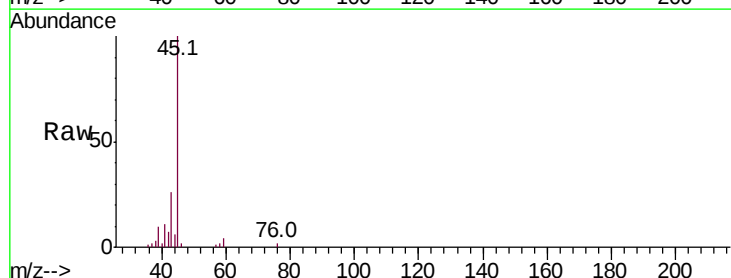
Instrument :
MSVOA_N
ClientSampled :
67-68-73-74

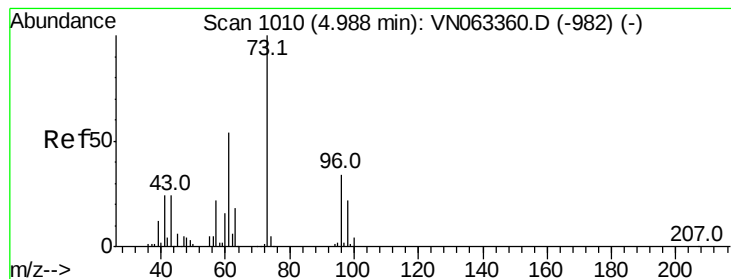
Tot Ion: 43 Resp: 134337
Ion Ratio Lower Upper
43 100
58 27.7 22.3 33.5



#18
Methyl Acetate
Concen: 6.441 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.26 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Tgt Ion: 43 Resp: 18520
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#19

Methyl tert-butyl Ether

Concen: 1.145 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

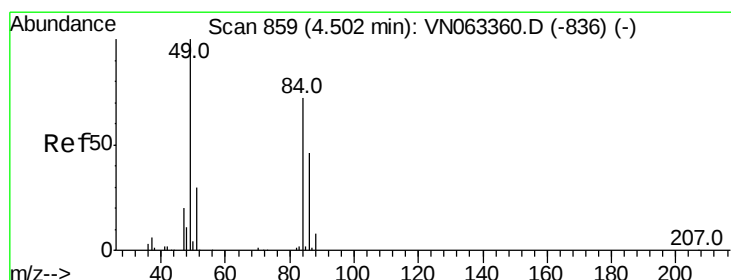
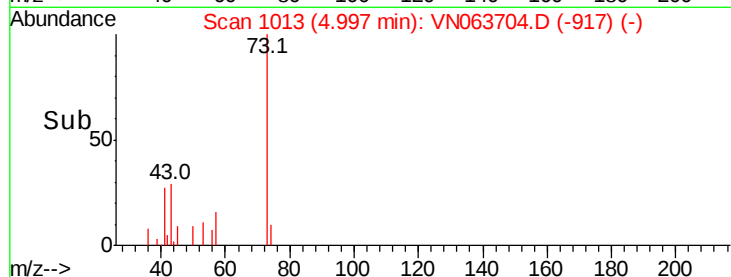
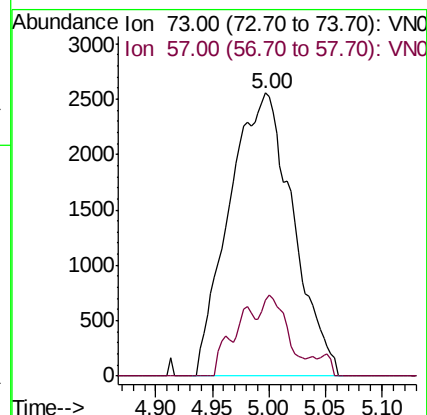
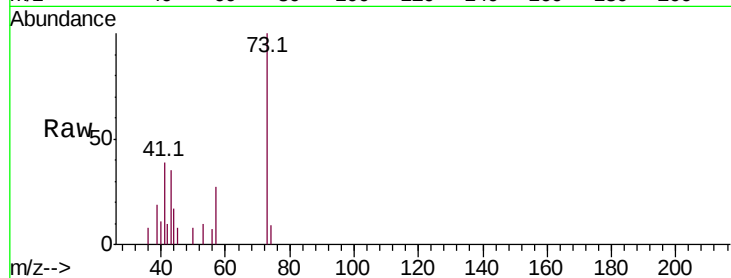
67-68-73-74

Tot Ion: 73 Resp: 9969

Ion Ratio Lower Upper

73 100

57 26.9 17.9 26.9



#20

Methylene Chloride

Concen: 0.840 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Tgt Ion: 84 Resp: 2411

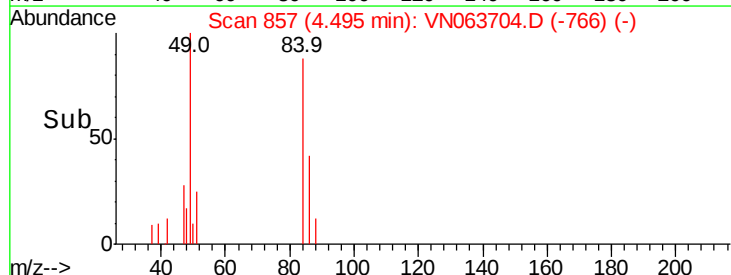
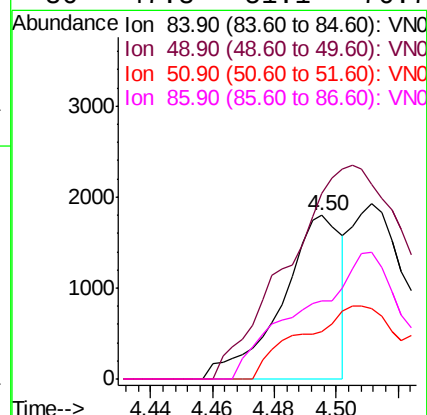
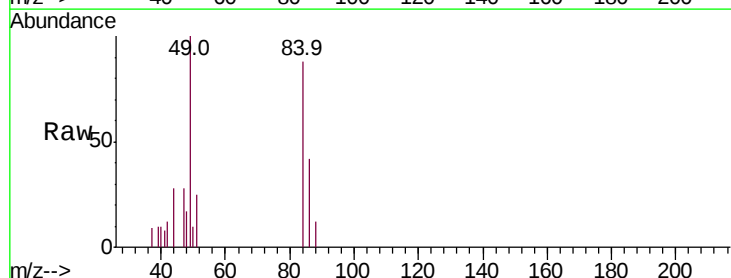
Ion Ratio Lower Upper

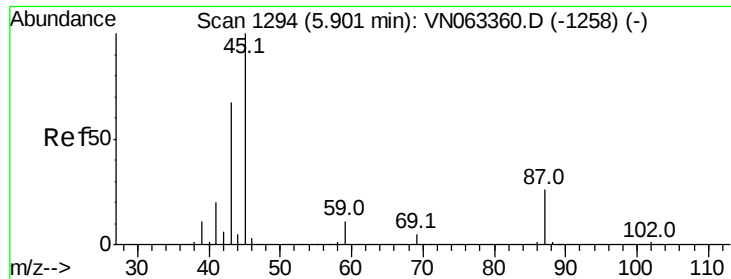
84 100

49 113.3 110.7 166.1

51 28.7 32.9 49.3#

86 47.8 51.1 76.7#

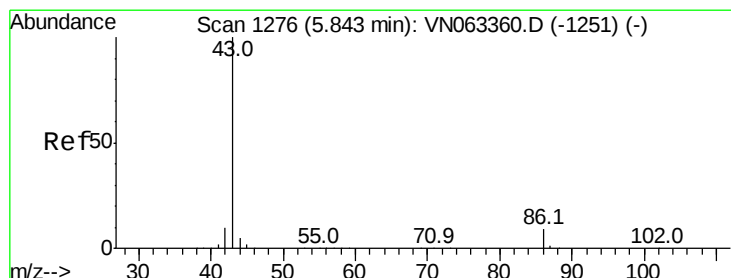
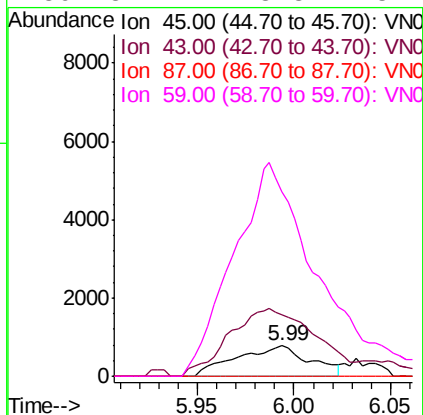
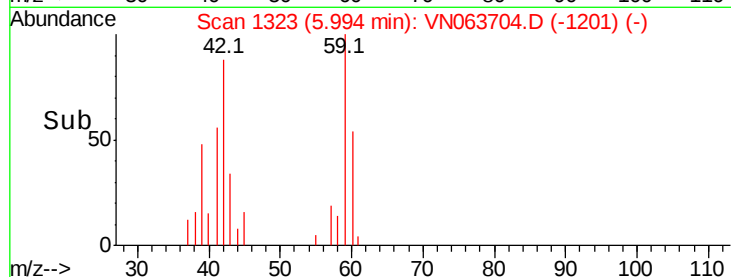
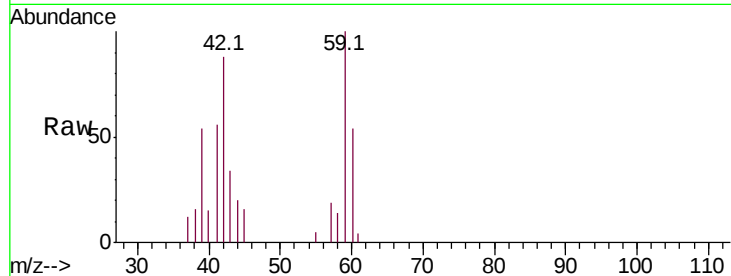




#22
Diisopropyl ether
Concen: 0.218 ug/l
RT: 5.99 min Scan# 1323
Delta R.T. 0.09 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

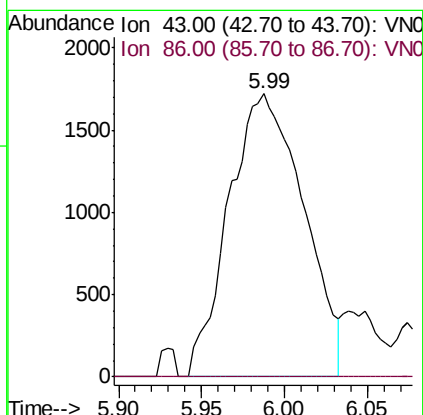
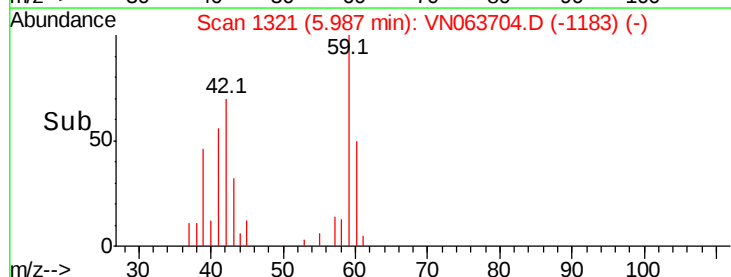
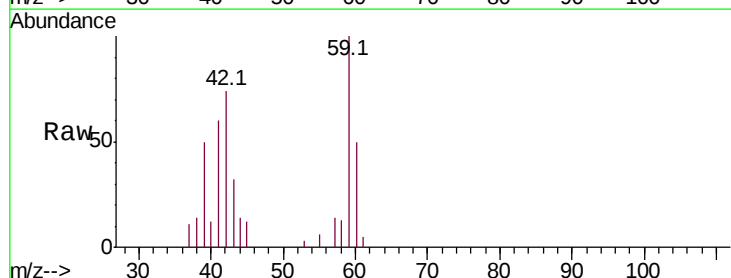
Instrument :
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67-68-73-74

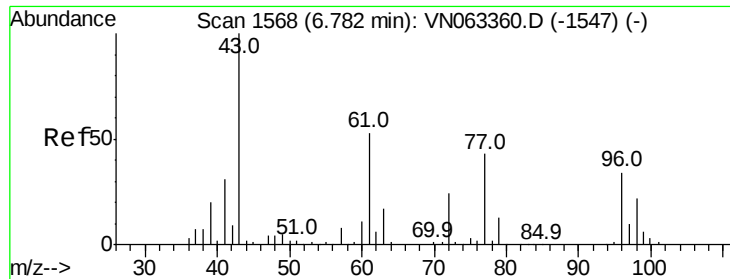
Tot Ion: 45 Resp: 2059
Ion Ratio Lower Upper
45 100
43 180.2 53.5 80.3#
87 0.0 21.2 31.8#
59 571.2 8.8 13.2#



#23
Vinyl Acetate
Concen: 0.699 ug/l
RT: 5.99 min Scan# 1321
Delta R.T. 0.14 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Tgt Ion: 43 Resp: 5409
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 103.423 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

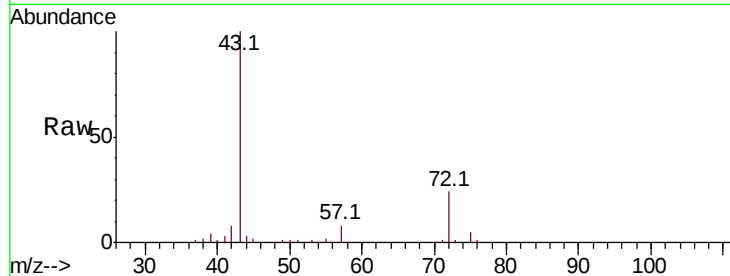
67-68-73-74

Tot Ion: 43 Resp: 180165

Ion Ratio Lower Upper

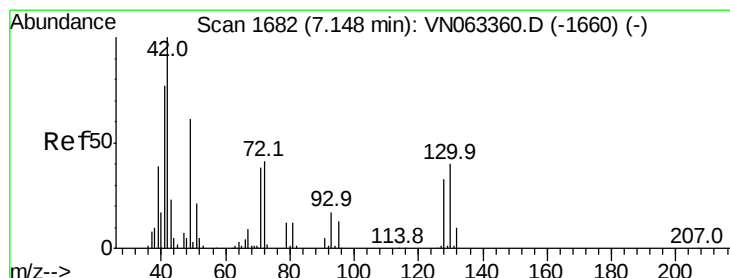
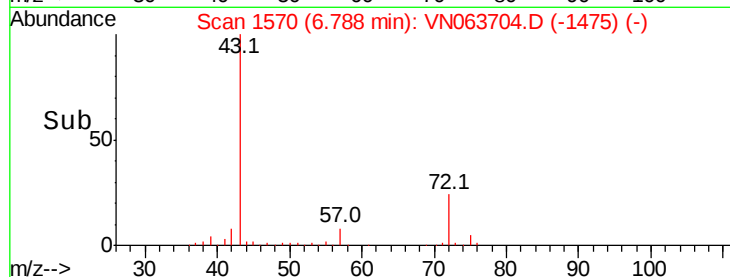
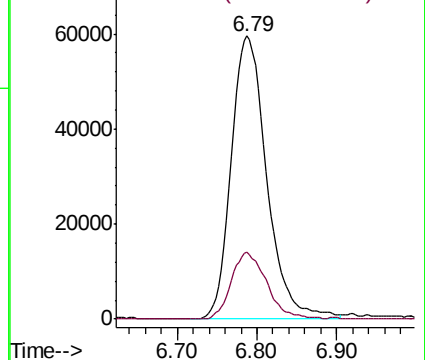
43 100

72 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#28

Bromochloromethane

Concen: 0.248 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

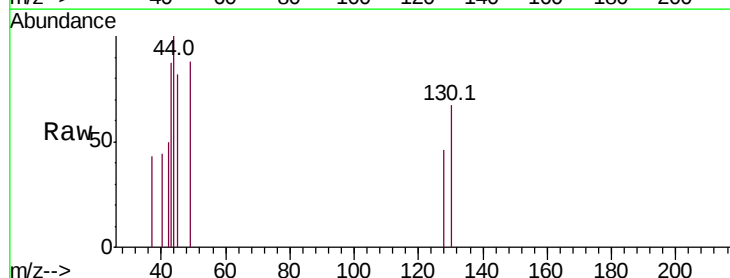
Tgt Ion: 49 Resp: 590

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

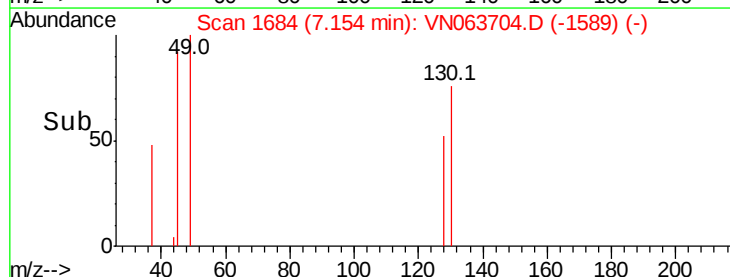
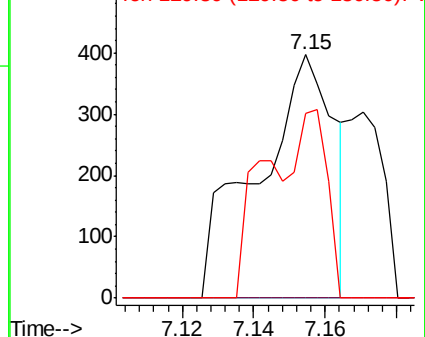
130 32.9 52.2 78.2#

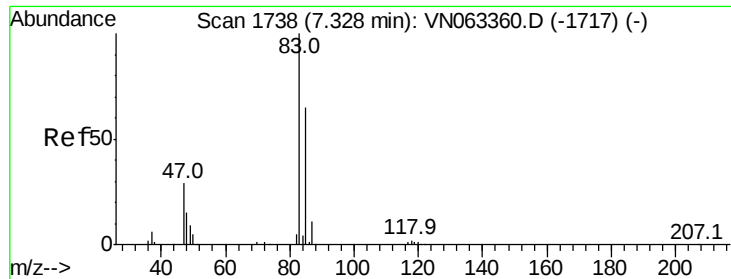


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

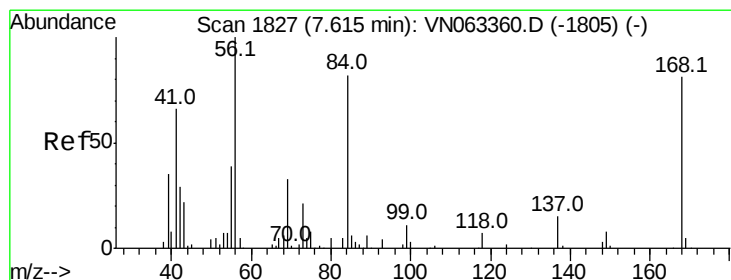
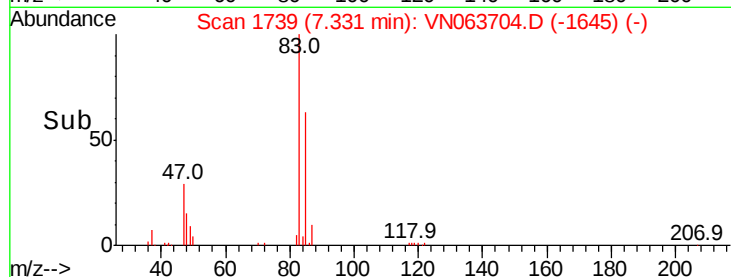
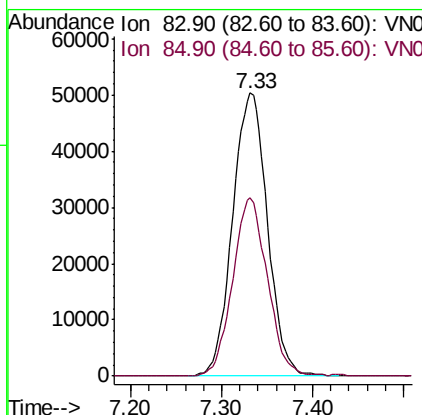
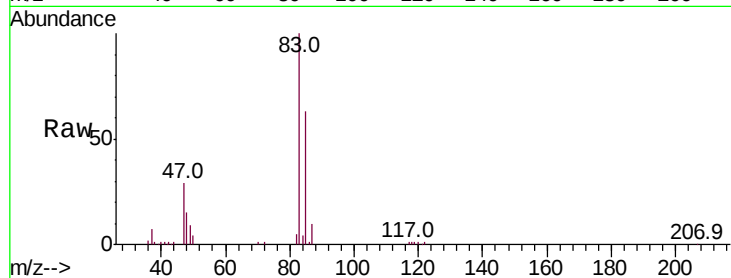




#30
Chloroform
Concen: 25.961 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

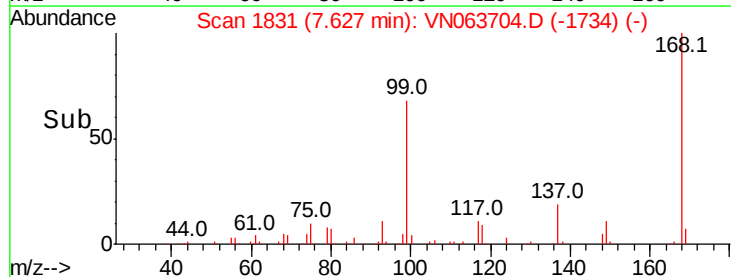
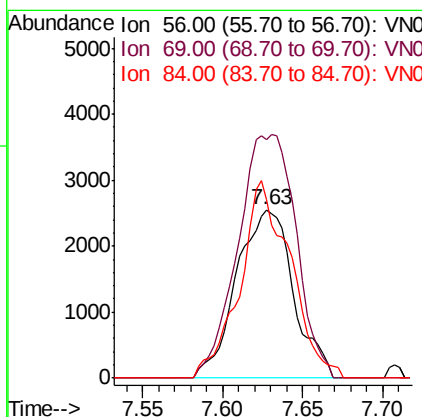
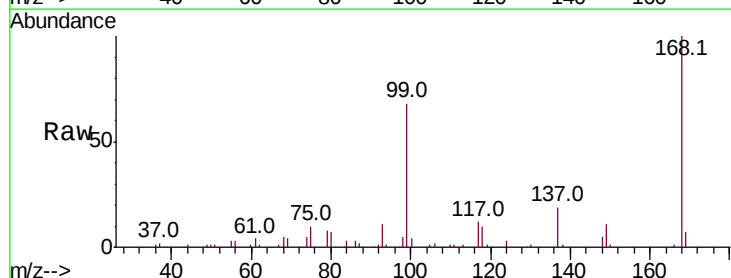
Instrument :
MSVOA_N
ClientSampleId :
67-68-73-74

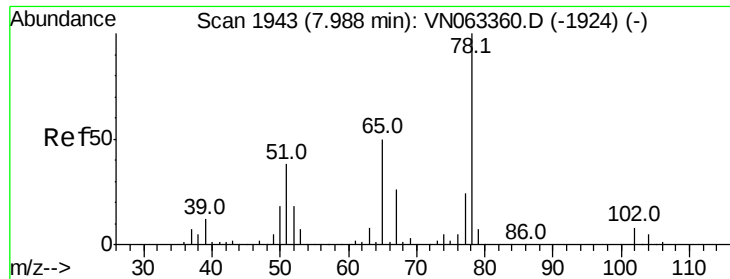
Tot Ion: 83 Resp: 134029
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Tgt Ion: 56 Resp: 6235
Ion Ratio Lower Upper
56 100
69 141.6 26.1 39.1#
84 106.1 65.4 98.2#





#33

1,2-Dichloroethane-d4

Concen: 51.146 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

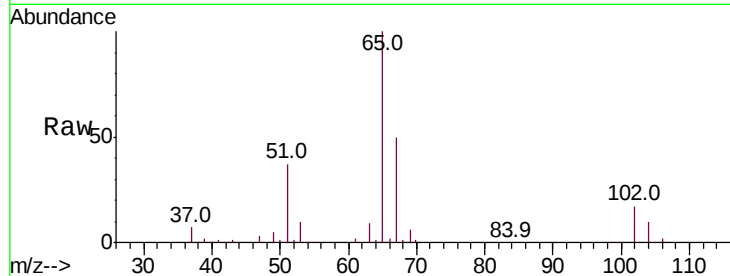
67-68-73-74

Tot Ion: 65 Resp: 180257

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063704.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063704.D (-1850) (-)

7.99

80000

60000

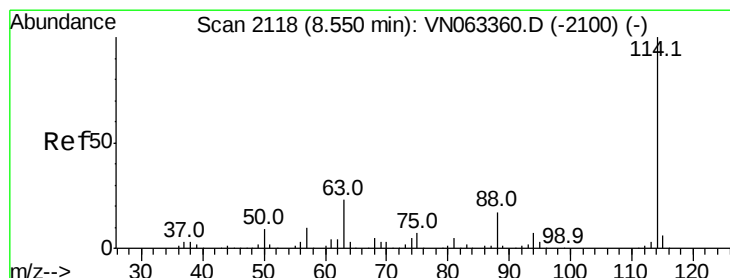
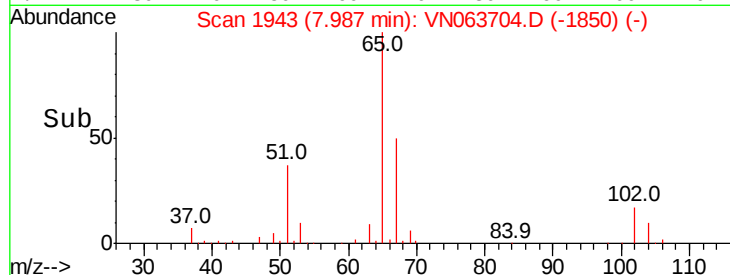
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

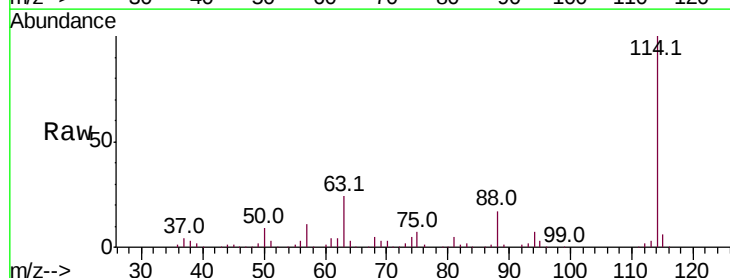
Tgt Ion: 114 Resp: 377868

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.4

88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063704.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063704.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063704.D (-2025) (-)

250000

200000

150000

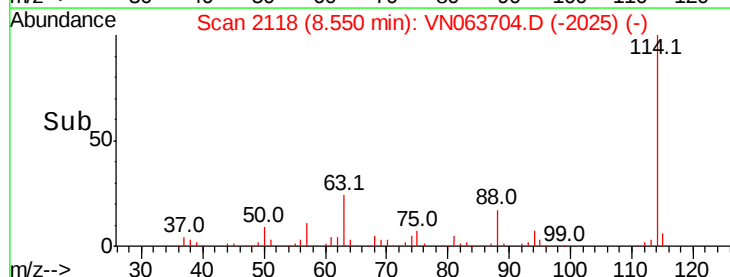
100000

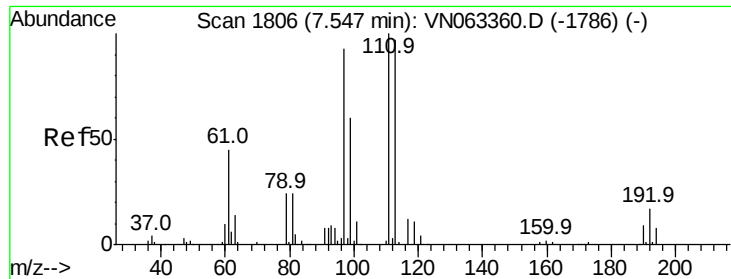
50000

0

8.45 8.50 8.55 8.60 8.65

Time-->

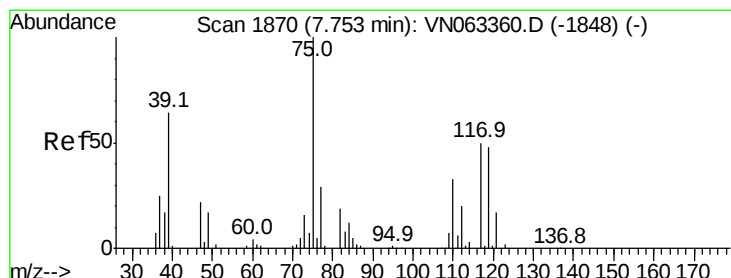
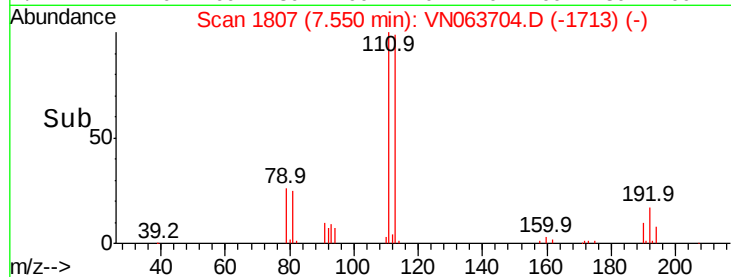
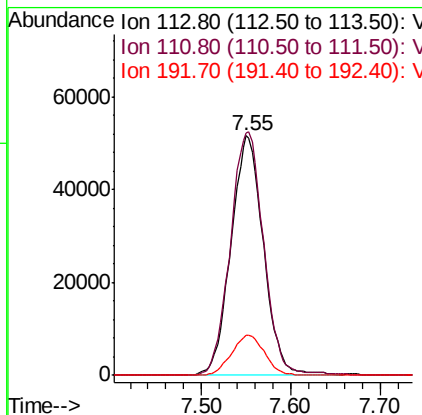
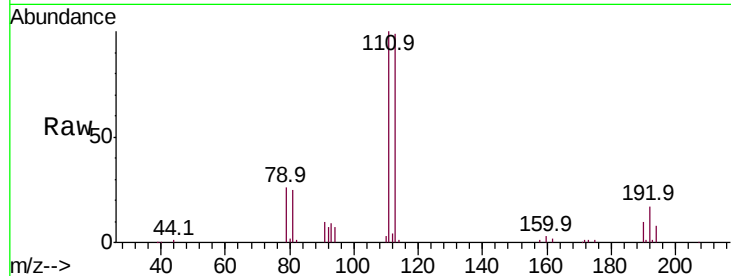




#35
 Dibromofluoromethane
 Concen: 49.847 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063704.D
 Acq: 28 Sep 2020 14:45

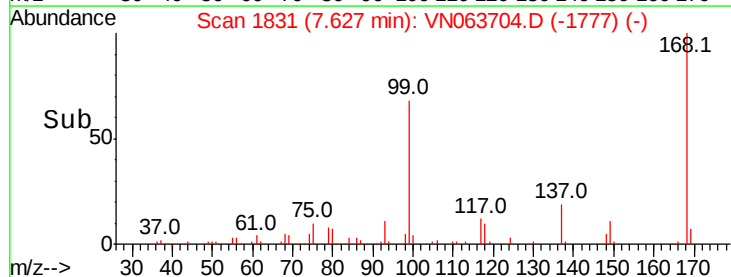
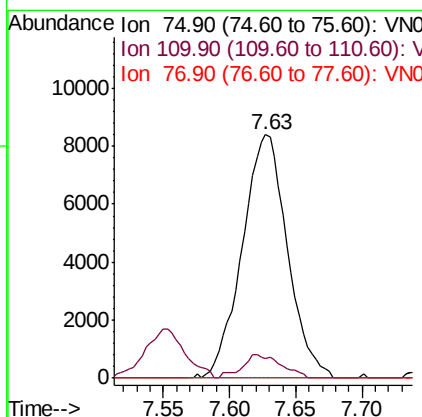
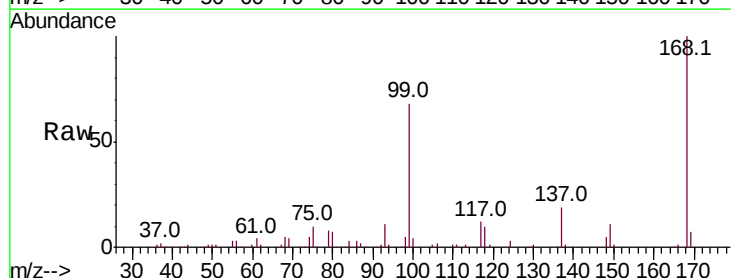
Instrument :
 MSVOA_N
 ClientSampleId :
 67-68-73-74

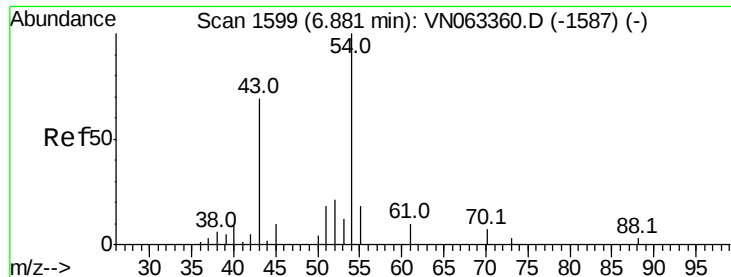
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	17.0	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.950 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063704.D
 Acq: 28 Sep 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.5	49.5#
77	0.0	24.6	36.8#

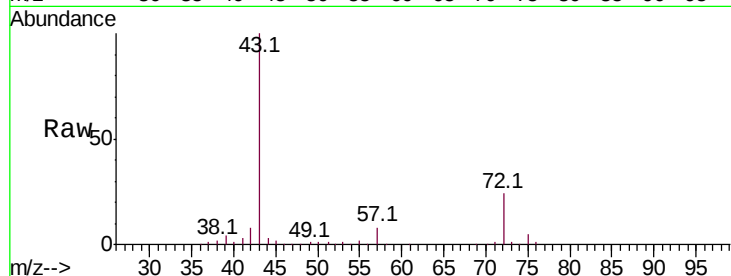




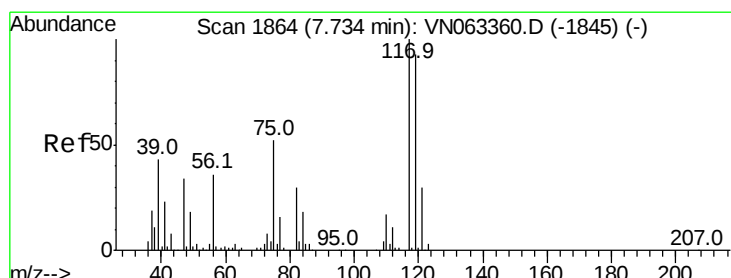
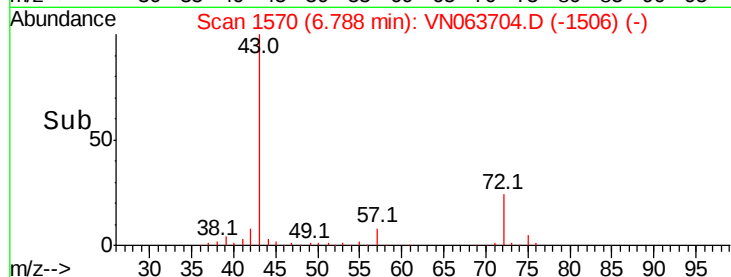
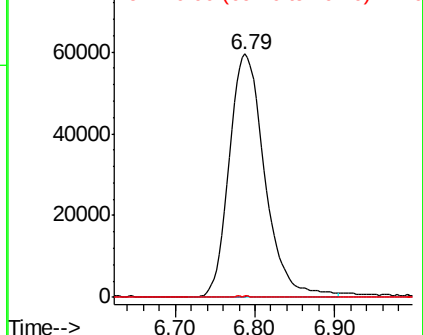
#37
Ethyl Acetate
Concen: 45.600 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.09 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Instrument :
MSVOA_N
ClientSampleId :
67-68-73-74

Tot Ion: 43 Resp: 180165
Ion Ratio Lower Upper
43 100
61 0.1 10.6 15.8#
70 0.2 7.2 10.8#

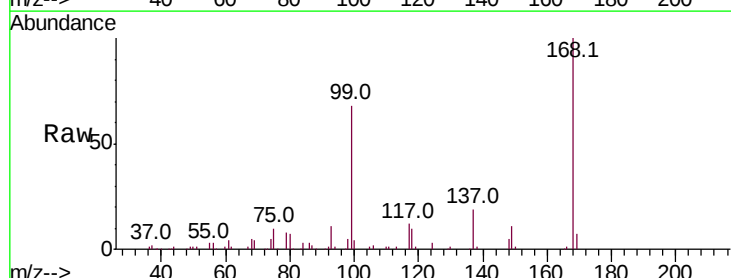


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

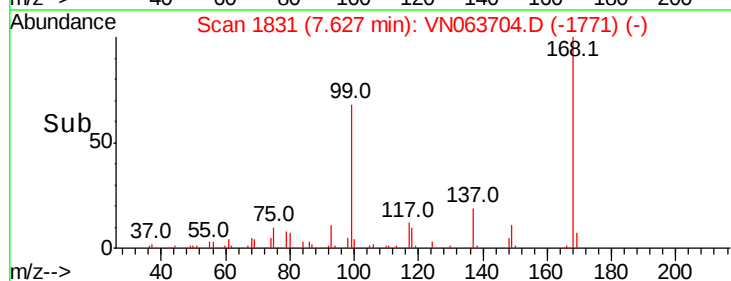
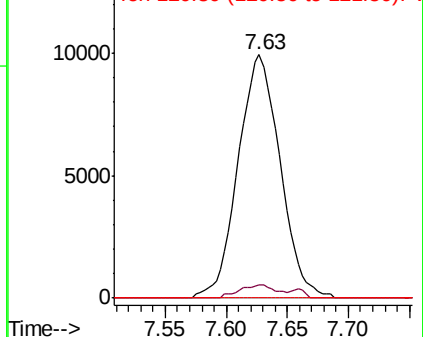


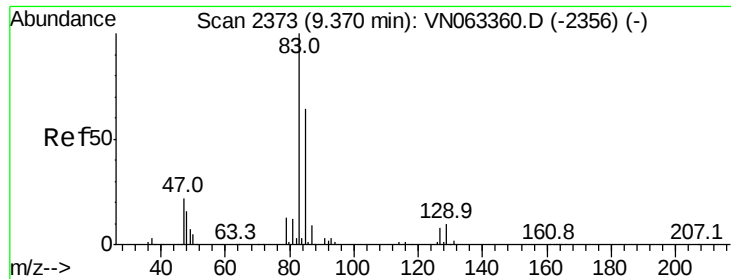
#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Tgt Ion: 117 Resp: 23670
Ion Ratio Lower Upper
117 100
119 5.5 74.5 111.7#
121 0.0 24.1 36.1#



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





#47

Bromodichloromethane

Concen: 1.096 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

67-68-73-74

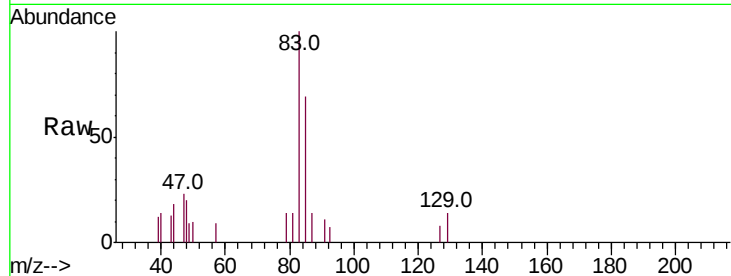
Tot Ion: 83 Resp: 4685

Ion Ratio Lower Upper

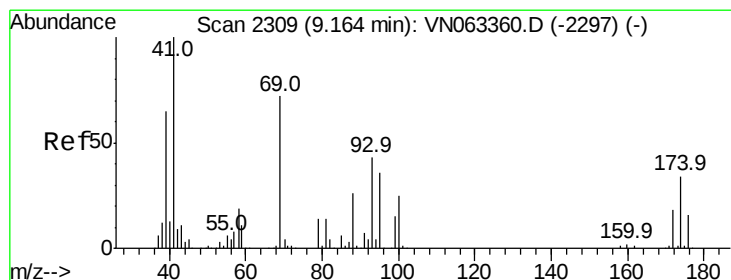
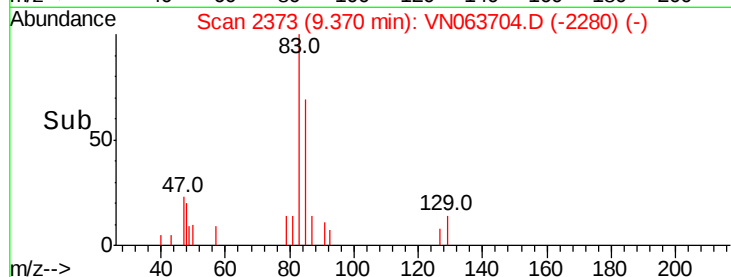
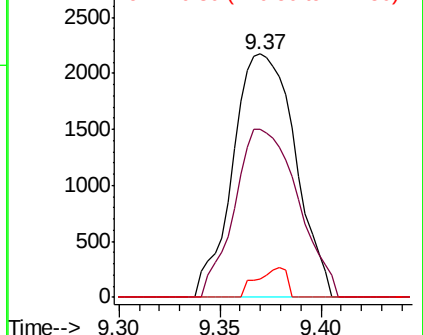
83 100

85 69.1 51.0 76.6

127 7.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 0.307 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

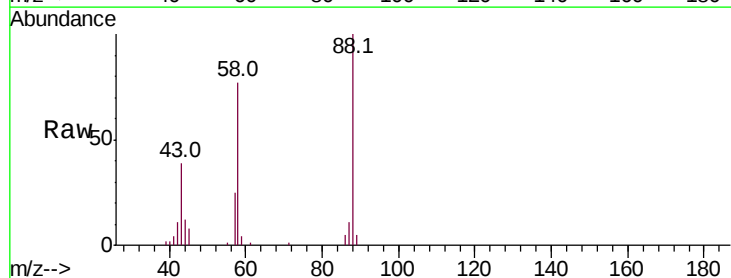
Tgt Ion: 41 Resp: 1066

Ion Ratio Lower Upper

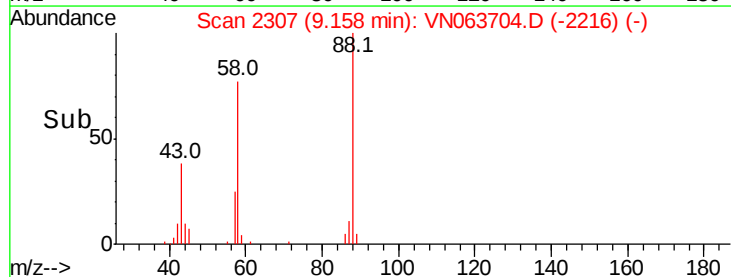
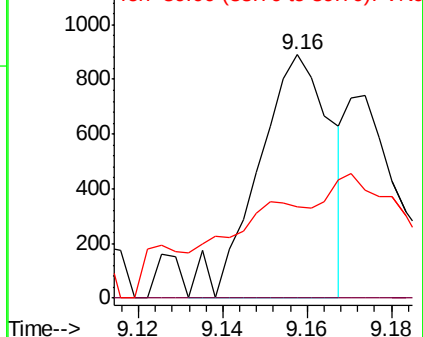
41 100

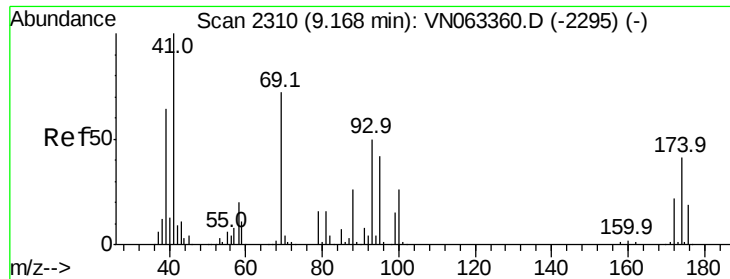
69 0.0 59.3 88.9#

39 46.3 52.9 79.3#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1150.175 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

67-68-73-74

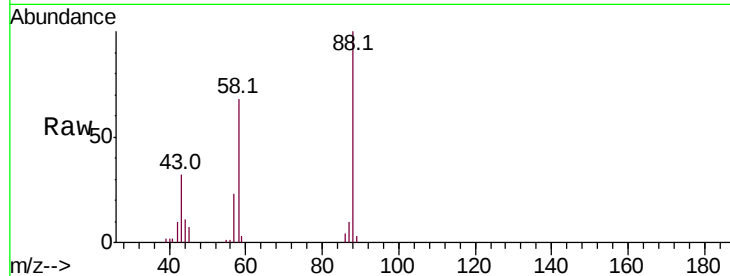
Tot Ion: 88 Resp: 57291

Ion Ratio Lower Upper

88 100

43 35.2 32.6 49.0

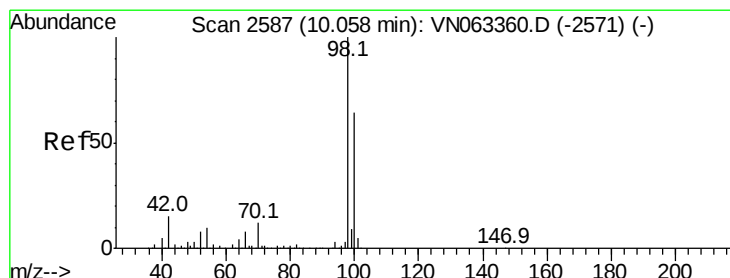
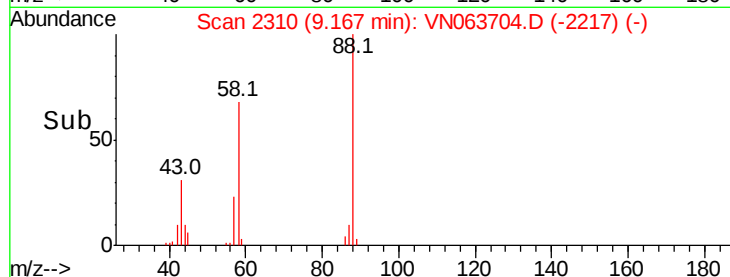
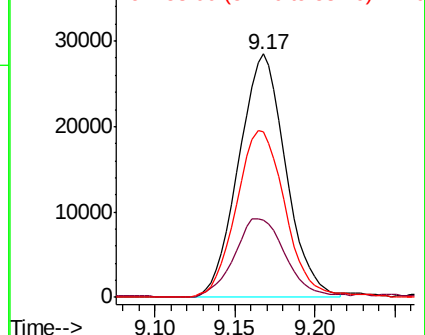
58 71.6 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.354 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063704.D

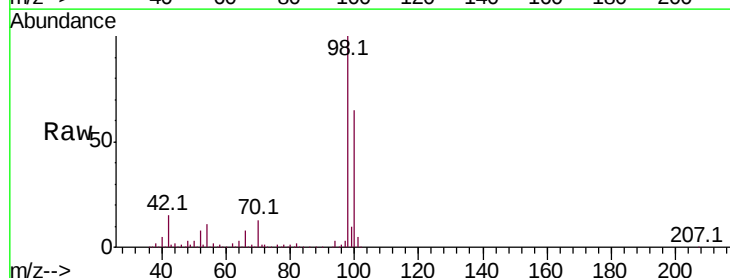
Acq: 28 Sep 2020 14:45

Tgt Ion: 98 Resp: 495291

Ion Ratio Lower Upper

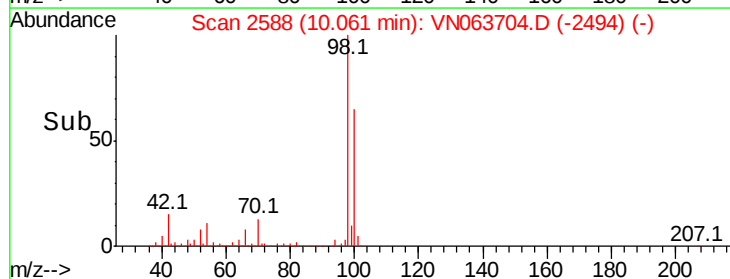
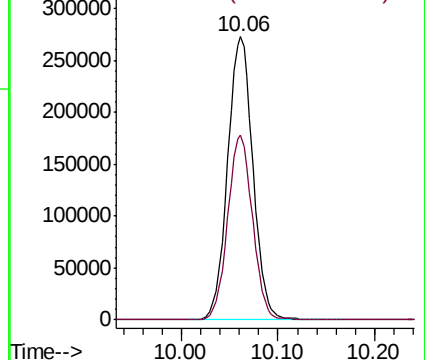
98 100

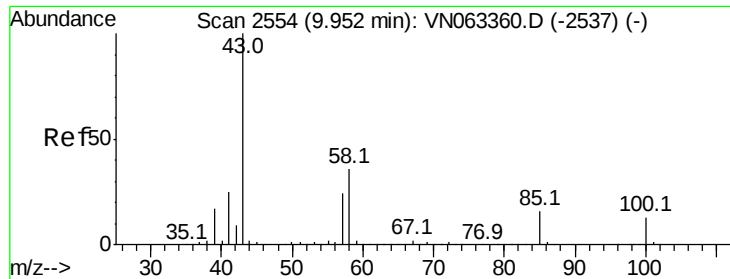
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 2.581 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

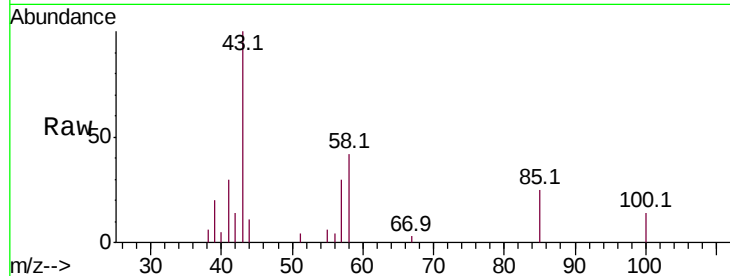
67-68-73-74

Tot Ion: 43 Resp: 10207

Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)

5000

4000

3000

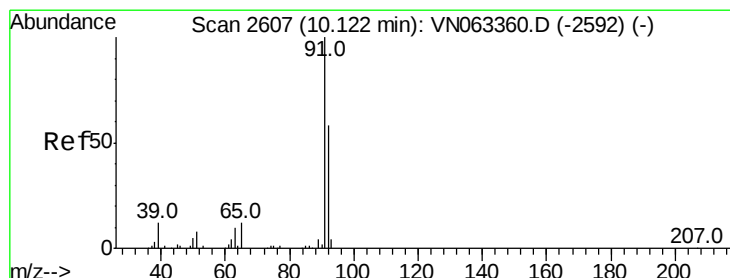
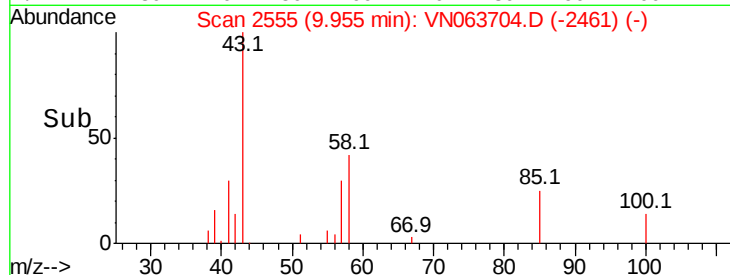
2000

1000

0

9.85 9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 13.073 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063704.D

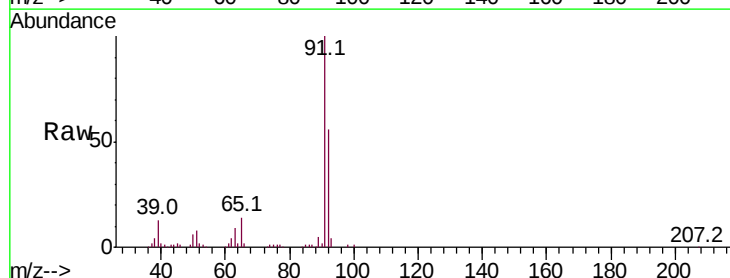
Acq: 28 Sep 2020 14:45

Tgt Ion: 92 Resp: 90322

Ion Ratio Lower Upper

92 100

91 177.9 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

100000

80000

60000

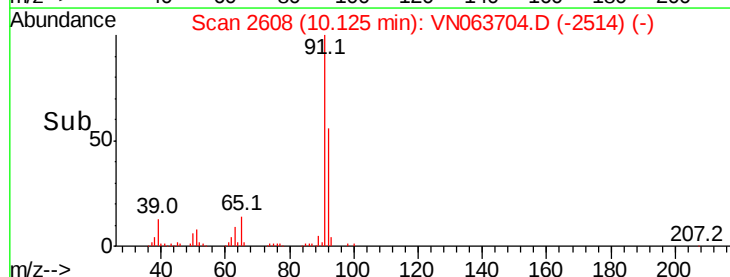
40000

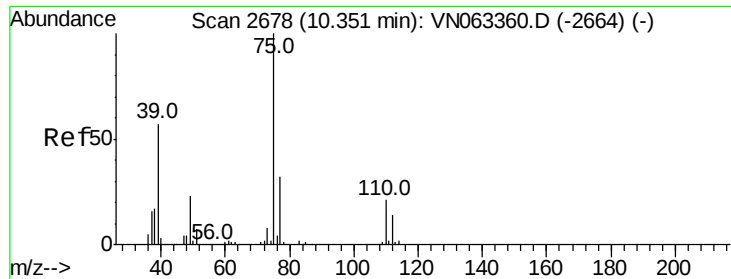
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.263 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

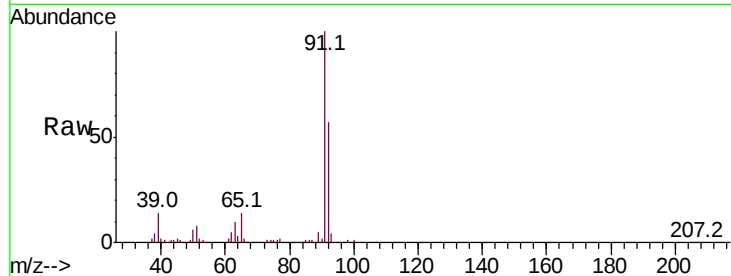
67-68-73-74

Tot Ion: 75 Resp: 1254

Ion Ratio Lower Upper

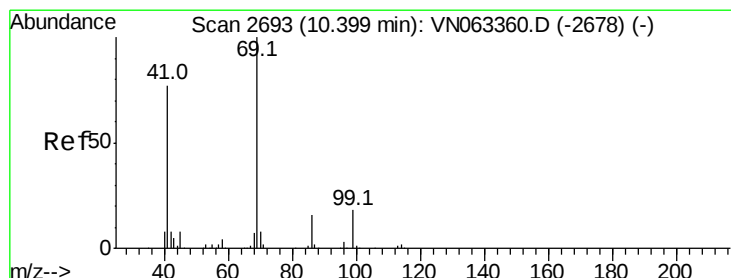
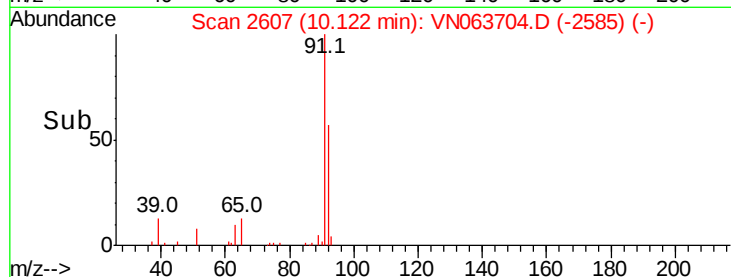
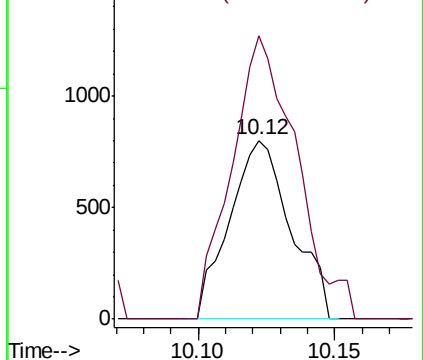
75 100

77 158.6 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#56

Ethyl methacrylate

Concen: 0.388 ug/l

RT: 10.32 min Scan# 2670

Delta R.T. -0.07 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

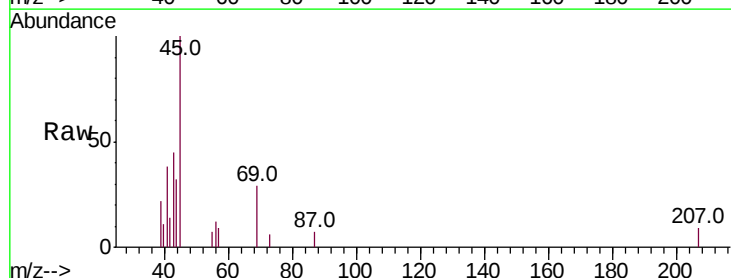
Tgt Ion: 69 Resp: 1661

Ion Ratio Lower Upper

69 100

41 152.4 61.0 91.6#

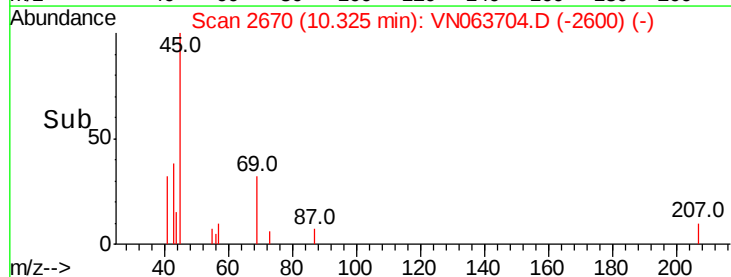
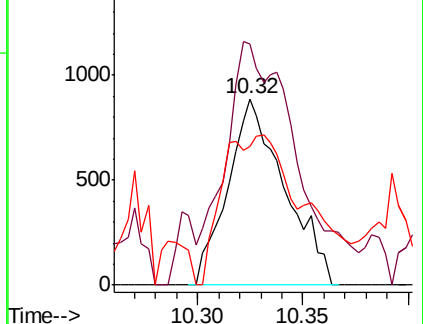
39 35.5 39.2 58.8#

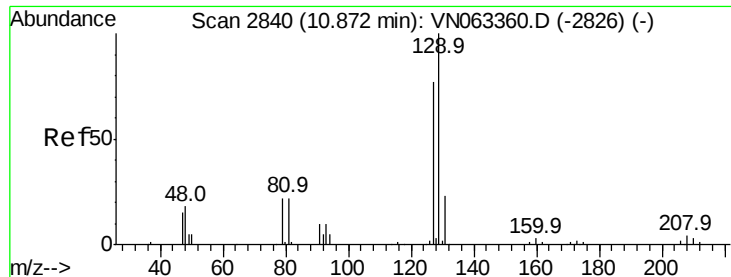


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#60

Dibromochloromethane

Concen: 0.308 ug/l

RT: 10.88 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

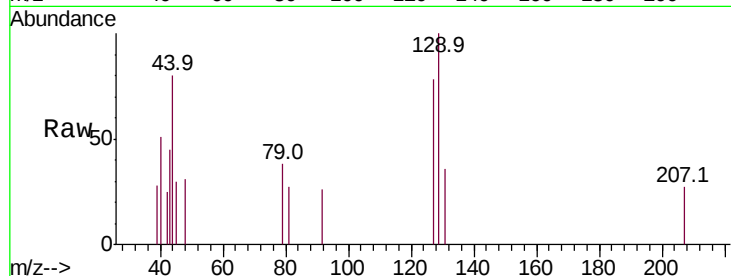
67-68-73-74

Tot Ion:129 Resp: 954

Ion Ratio Lower Upper

129 100

127 102.2 39.1 117.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.88

600

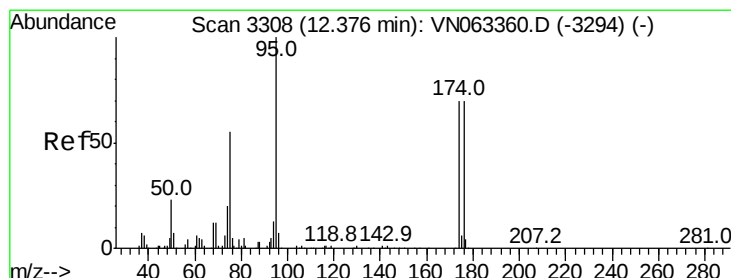
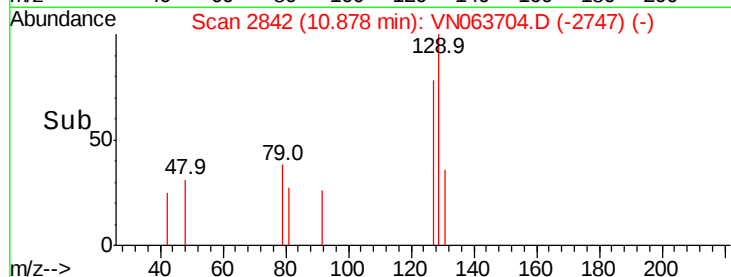
400

200

0

Time-->

10.85 10.90



#62

4-Bromofluorobenzene

Concen: 55.910 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

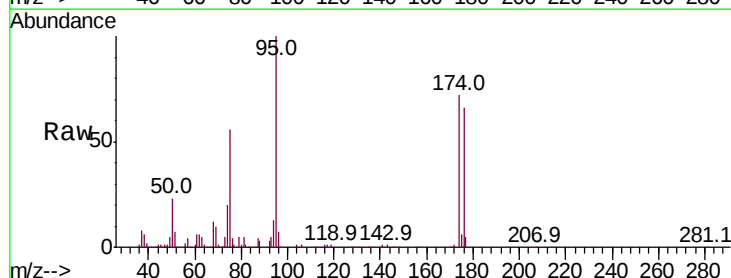
Tgt Ion: 95 Resp: 201599

Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.8

176 69.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

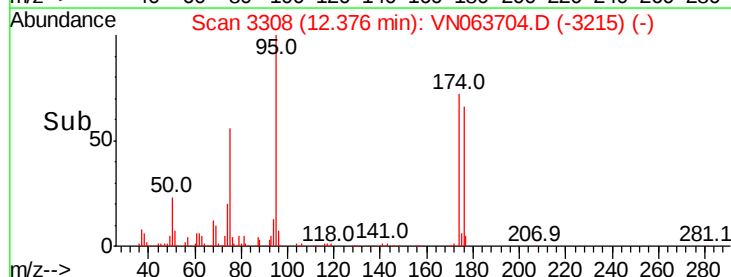
100000

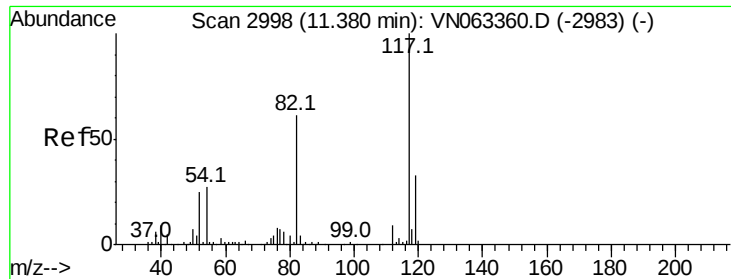
50000

0

Time-->

12.30 12.40 12.50

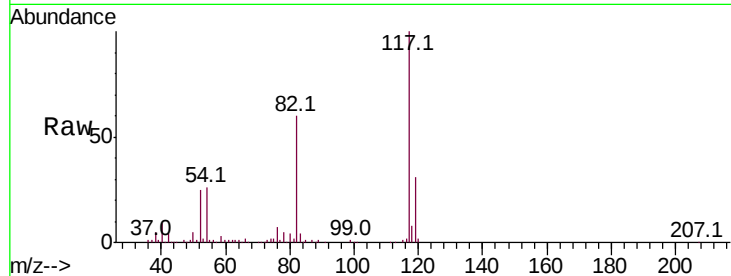




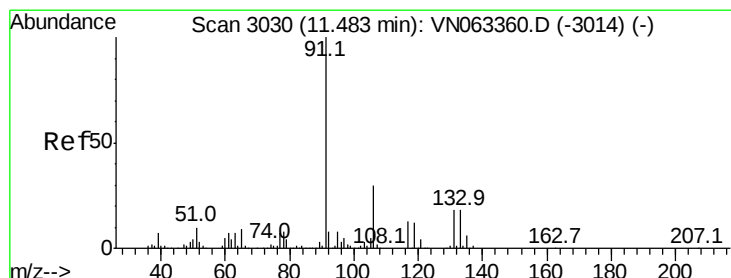
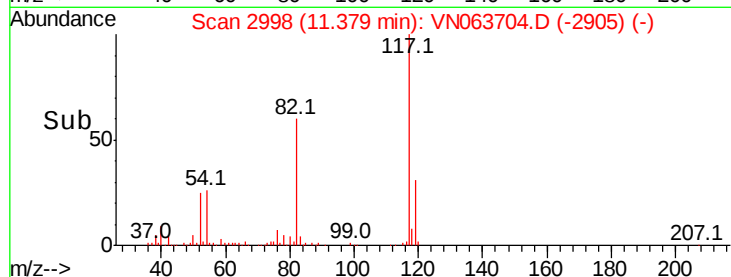
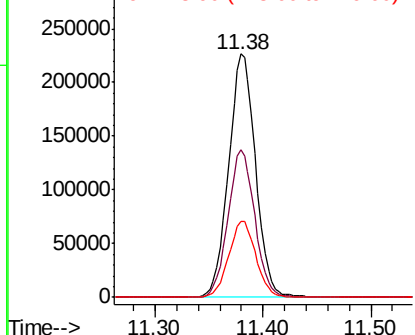
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Instrument :
MSVOA_N
ClientSampled :
67-68-73-74

Tot Ion:117 Resp: 394290
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 31.3 26.2 39.4

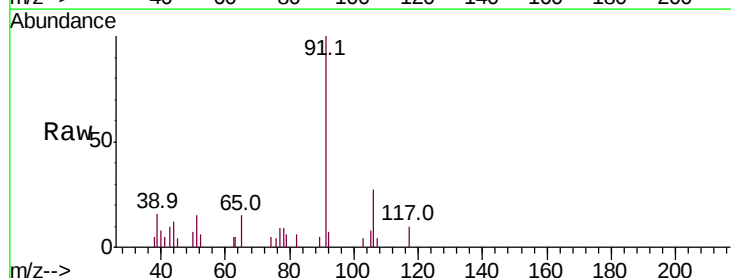


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

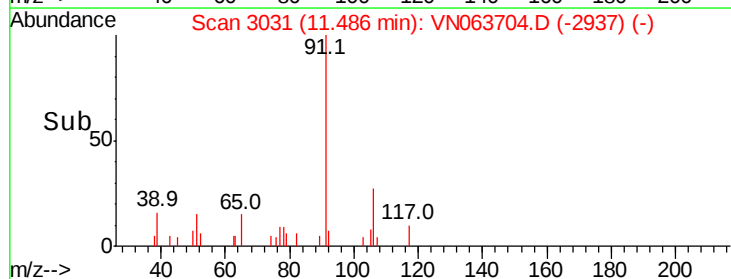
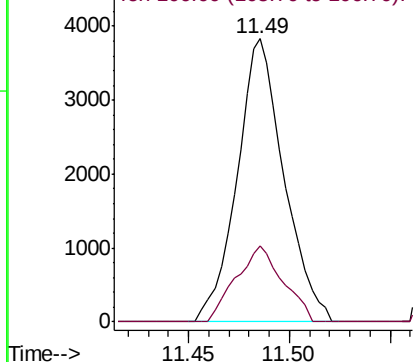


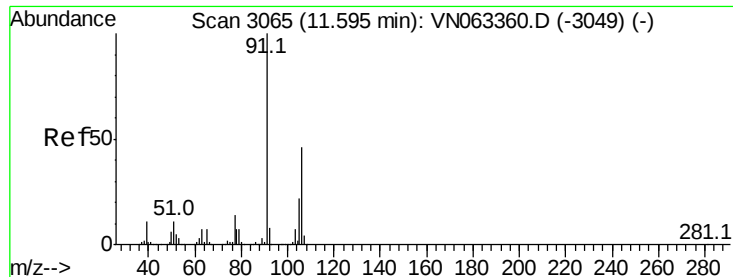
#67
Ethyl Benzene
Concen: 0.394 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063704.D
Acq: 28 Sep 2020 14:45

Tgt Ion: 91 Resp: 6208
Ion Ratio Lower Upper
91 100
106 26.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.929 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

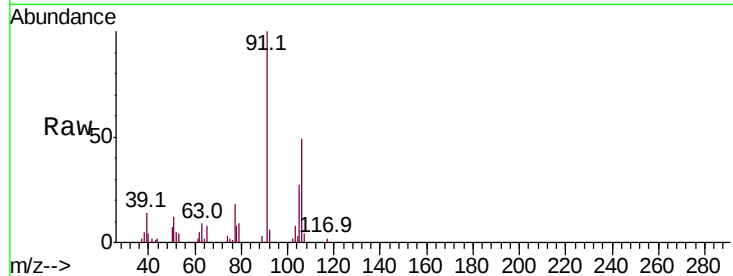
67-68-73-74

Tot Ion:106 Resp: 10960

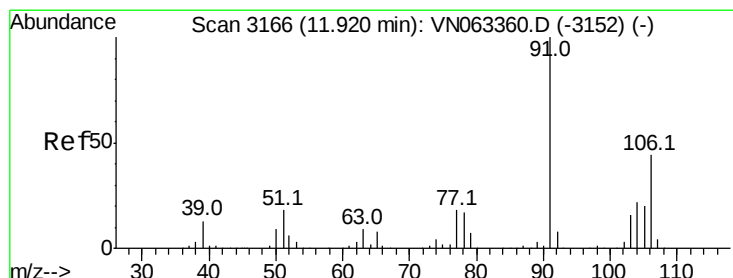
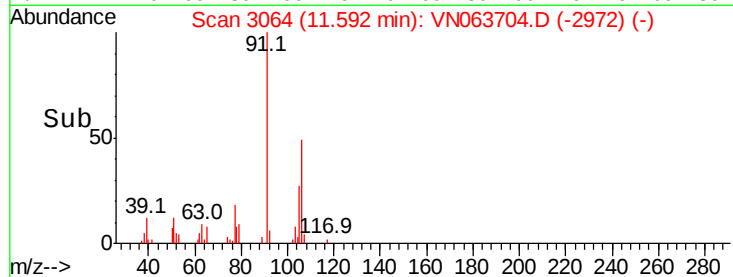
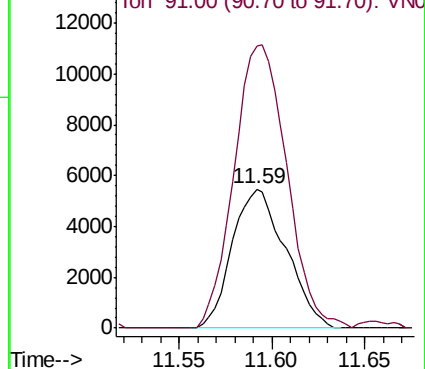
Ion Ratio Lower Upper

106 100

91 200.7 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 1.088 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063704.D

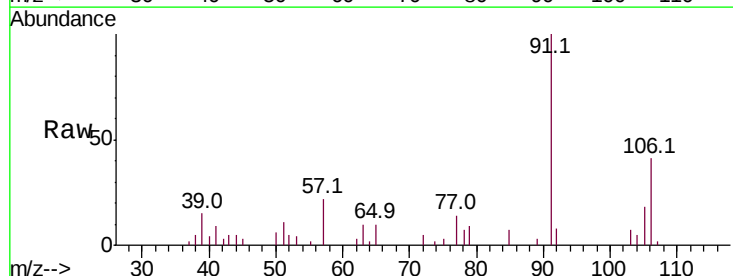
Acq: 28 Sep 2020 14:45

Tgt Ion:106 Resp: 5891

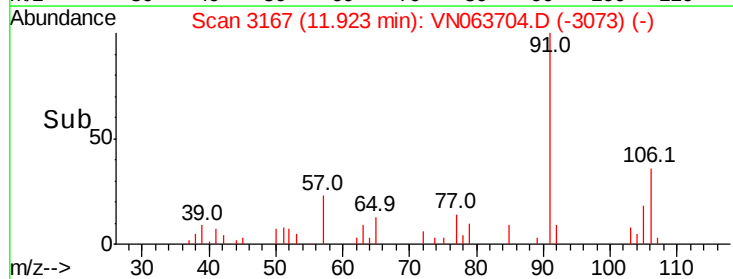
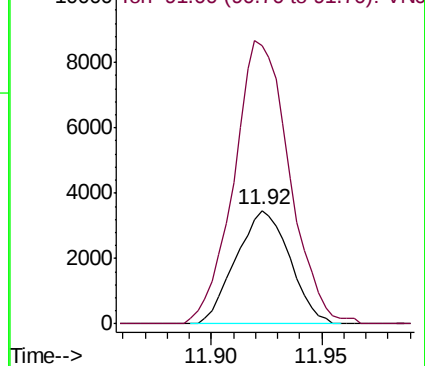
Ion Ratio Lower Upper

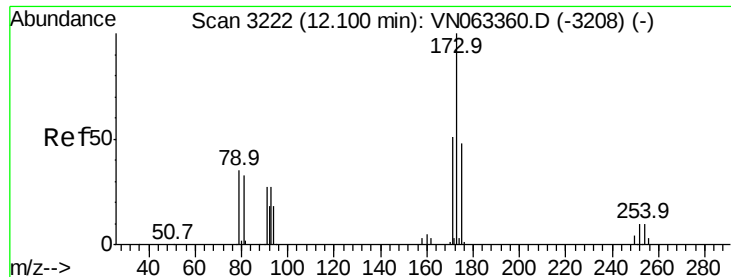
106 100

91 257.4 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V





#71

Bromoform

Concen: 0.403 ug/l

RT: 12.37 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

67-68-73-74

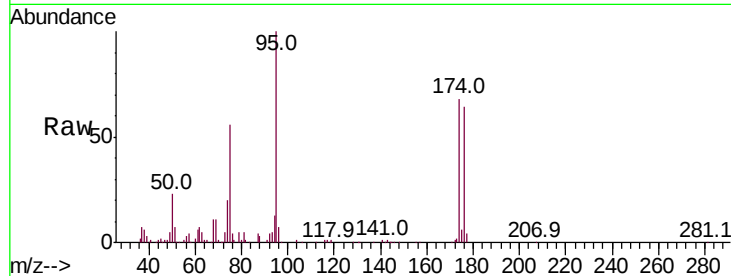
Tot Ion:173 Resp: 920

Ion Ratio Lower Upper

173 100

175 1024.2 24.0 72.0#

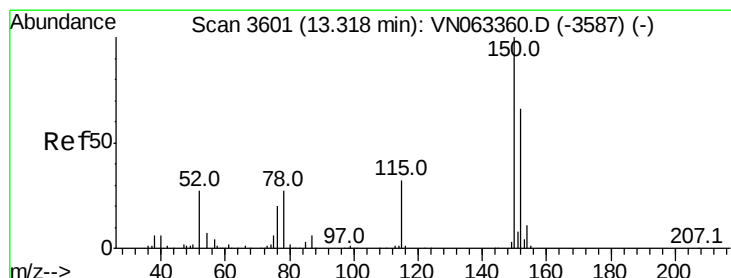
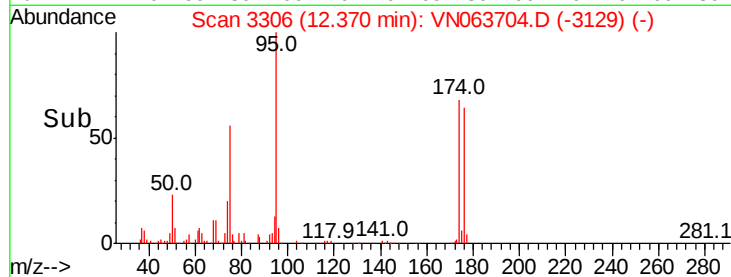
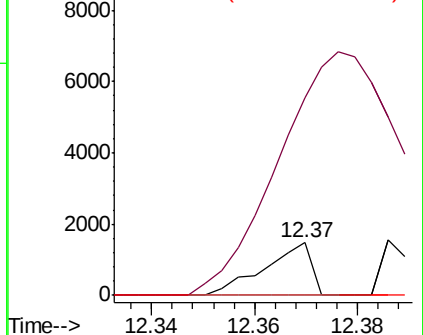
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

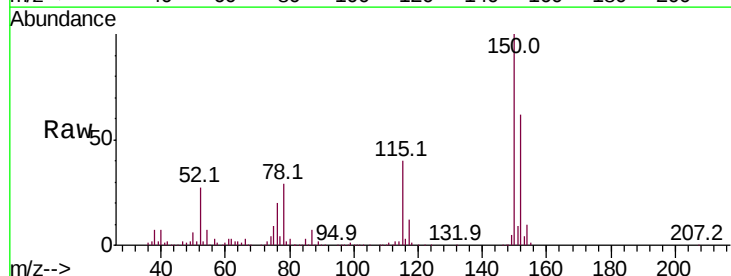
Tgt Ion:152 Resp: 177209

Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

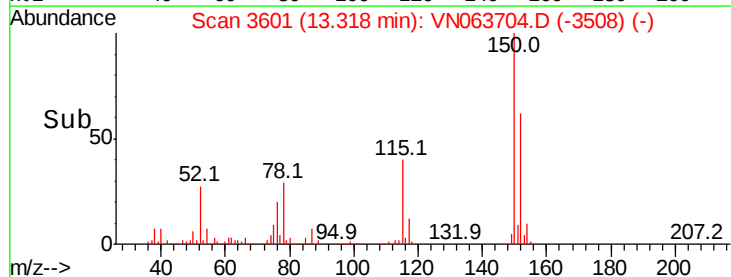
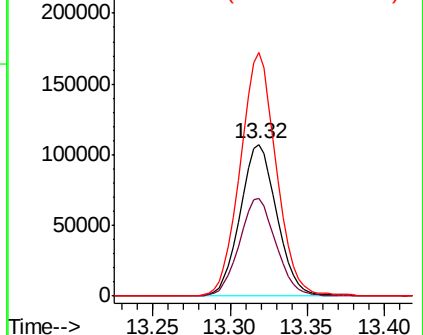
150 157.8 0.0 343.4

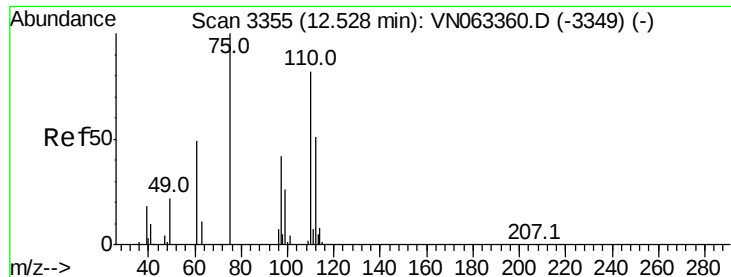


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.770 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

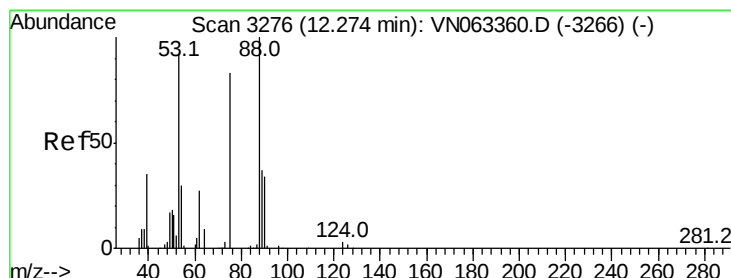
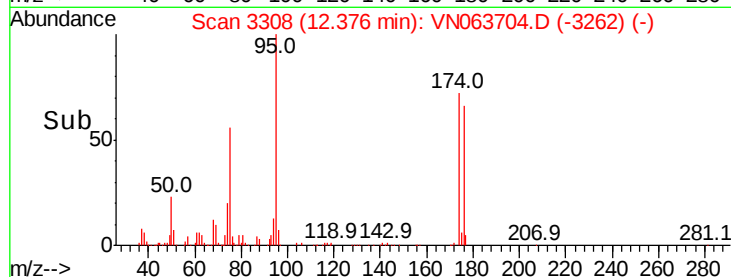
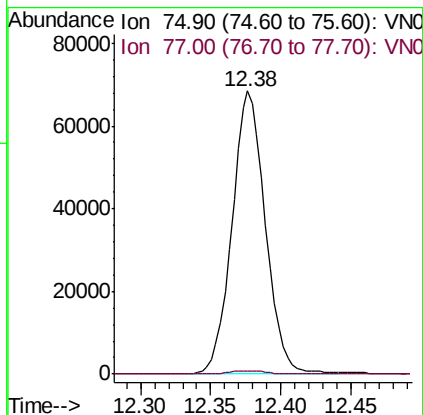
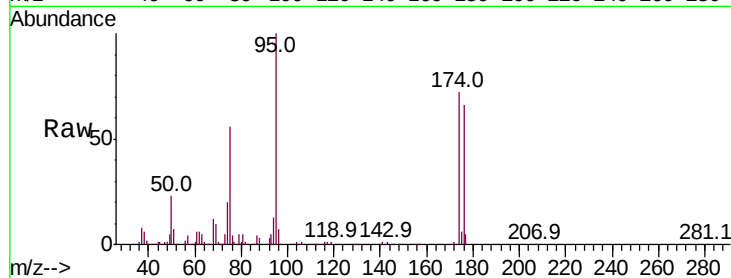
67-68-73-74

Tot Ion: 75 Resp: 113030

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.651 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

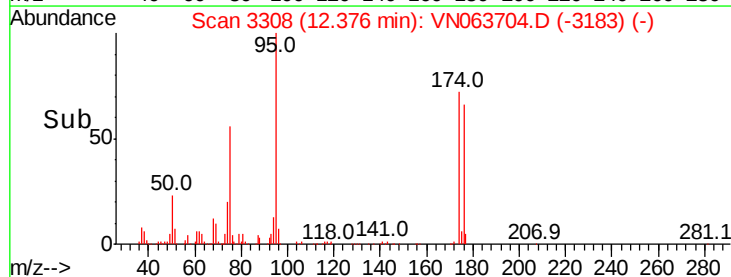
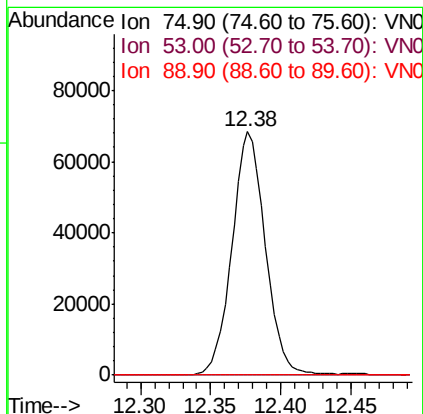
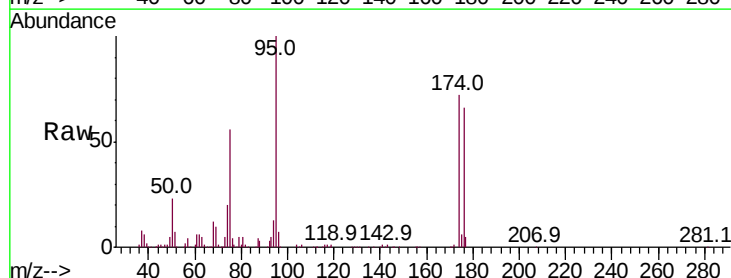
Tgt Ion: 75 Resp: 113030

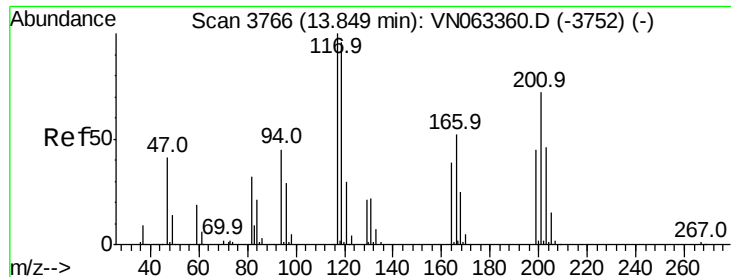
Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 1.028 ug/l

RT: 13.96 min Scan# 3801

Delta R.T. 0.11 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampled :

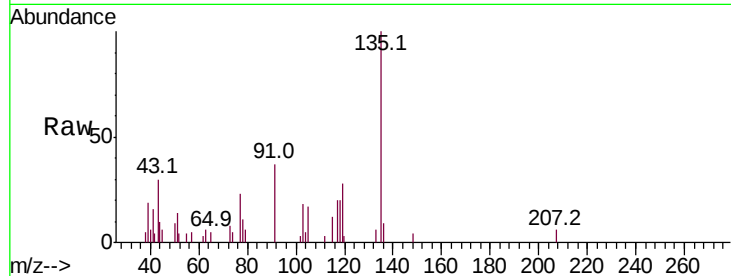
67-68-73-74

Tot Ion:117 Resp: 2258

Ion Ratio Lower Upper

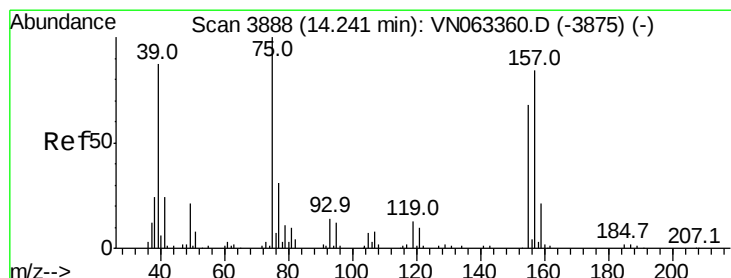
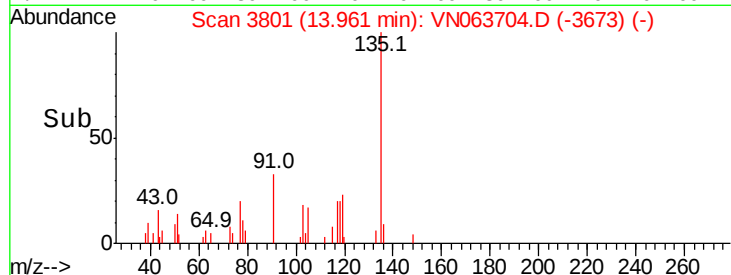
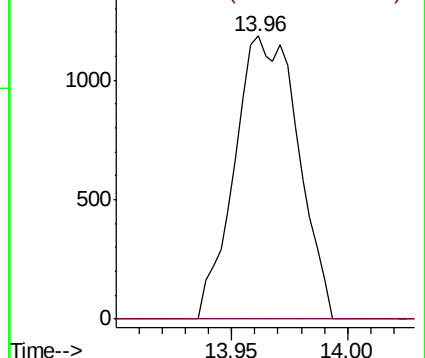
117 100

201 0.0 35.5 106.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.264 ug/l

RT: 14.20 min Scan# 3874

Delta R.T. -0.05 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

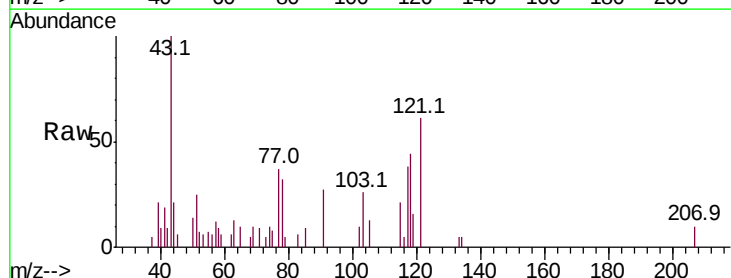
Tgt Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

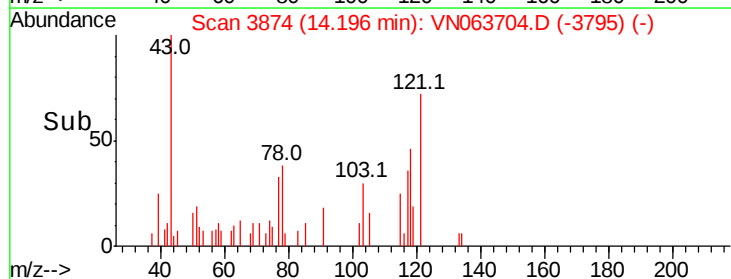
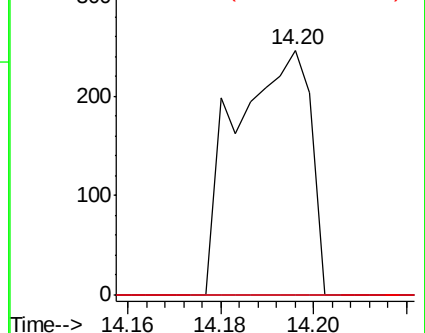
157 0.0 43.7 131.1#

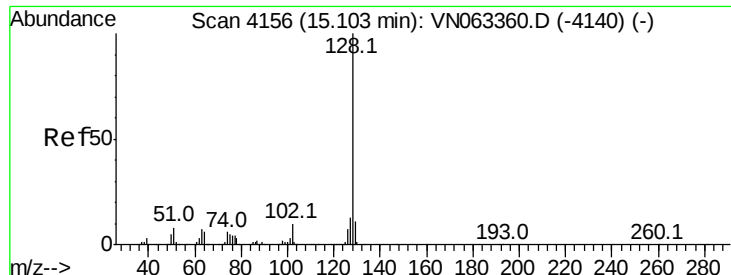


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.682 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063704.D

Acq: 28 Sep 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

67-68-73-74

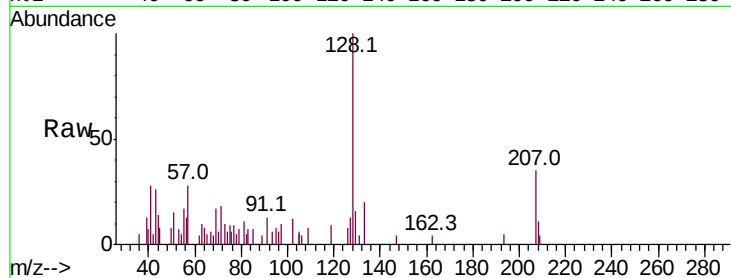
Tot Ion:128 Resp: 7719

Ion Ratio Lower Upper

128 100

127 7.9 10.6 15.8#

129 10.5 8.8 13.2



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

