

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063161.D
 Acq On : 1 Sep 2020 17:41
 Operator : JC/MD
 Sample : L3506-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 04:03:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	375222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	723166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	723987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	283822	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	297585	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
35) Dibromofluoromethane	7.55	113	230073	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	10.06	98	927366	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	330497	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	2856	0.531	ug/l #	85
5) Bromomethane	2.56	94	4080	0.815	ug/l	91
7) Trichlorofluoromethane	2.98	101	198	Below Cal	#	19
8) Diethyl Ether	3.37	74	2488	0.875	ug/l	88
10) Methyl Iodide	3.92	142	2008	0.364	ug/l #	79
11) Tert butyl alcohol	4.73	59	1256	1.668	ug/l #	79
13) Acrolein	3.60	56	60	15.965	ug/l #	1
15) Acrylonitrile	4.93	53	132	2.466	ug/l #	27
16) Acetone	3.78	43	53234	30.530	ug/l	96
17) Carbon Disulfide	4.01	76	3606	0.294	ug/l #	91
18) Methyl Acetate	4.28	43	2646	0.592	ug/l	92
20) Methylene Chloride	4.51	84	20881	3.804	ug/l	88
25) 2-Butanone	6.79	43	9907	3.669	ug/l	94
29) Tetrahydrofuran	7.17	42	2087	1.118	ug/l #	50
31) Cyclohexane	7.62	56	10567	Below Cal	#	1
36) 1,1-Dichloropropene	7.62	75	33974	4.887	ug/l #	51
37) Ethyl Acetate	6.90	43	457	0.449	ug/l #	54
38) Carbon Tetrachloride	7.63	117	40779	5.784	ug/l #	16
43) Isopropyl Acetate	8.13	43	140282	12.373	ug/l #	89
45) 1,2-Dichloropropane	9.23	63	2382	0.440	ug/l #	43
48) Methyl methacrylate	9.15	41	6618	1.295	ug/l #	13
49) 1,4-Dioxane	9.15	88	173	2.188	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	18686	3.033	ug/l	100
54) cis-1,3-Dichloropropene	9.87	75	56545	6.409	ug/l #	64
59) 2-Hexanone	10.74	43	135047	31.189	ug/l #	54
74) N-amyl acetate	12.01	43	3860	0.428	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	187491	33.622	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	187491	81.263	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	1476	0.301	ug/l	73
94) Hexachlorobutadiene	14.99	225	489	0.267	ug/l #	62
95) Naphthalene	15.11	128	8860	0.542	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.29	180	1005	0.210	ug/l #	64

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

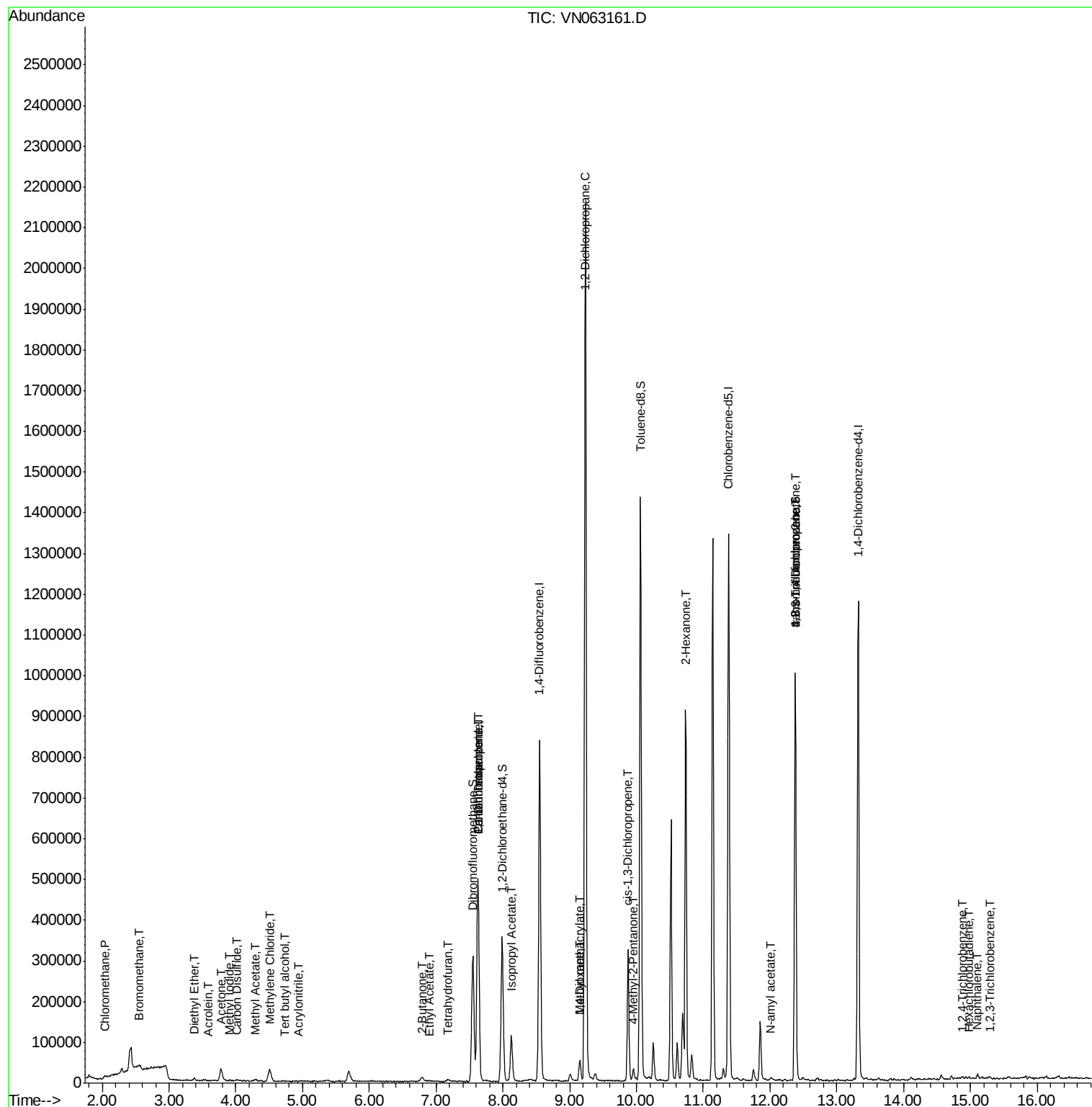
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

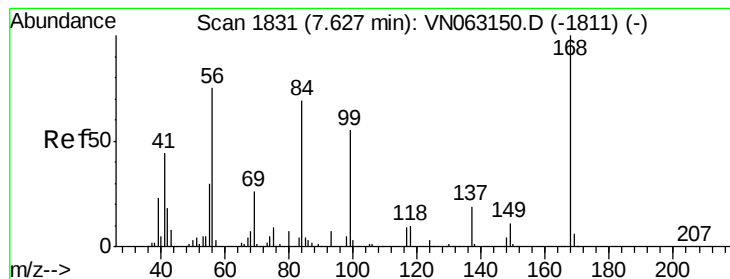
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
Data File : VN063161.D
Acq On : 1 Sep 2020 17:41
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Sample : L3506-15
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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: VN063161.D

Acq: 1 Sep 2020 17:41

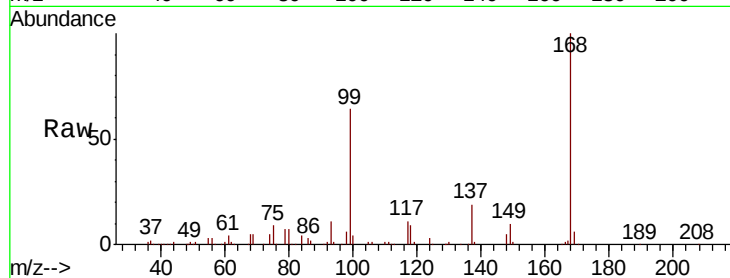
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 375222

Ion Ratio Lower Upper

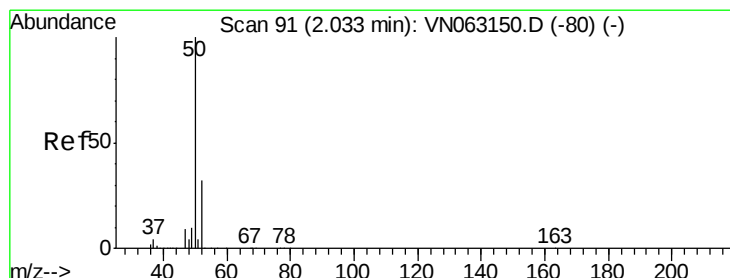
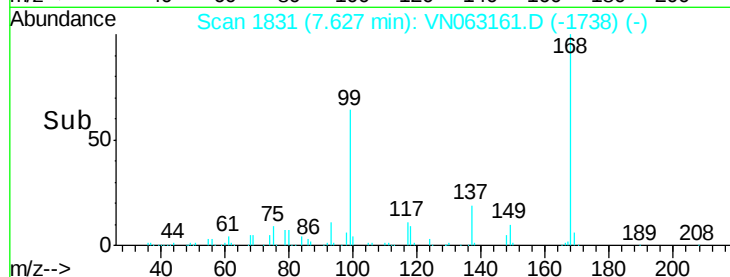
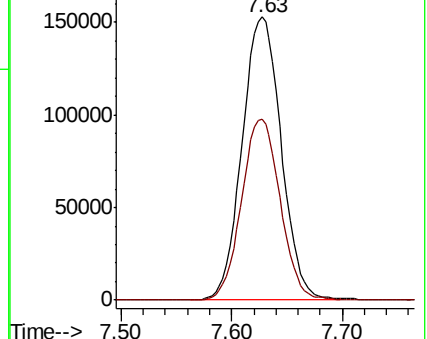
168 100

99 63.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.531 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063161.D

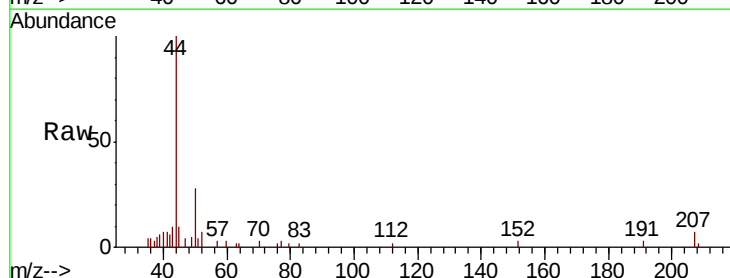
Acq: 1 Sep 2020 17:41

Tgt Ion: 50 Resp: 2856

Ion Ratio Lower Upper

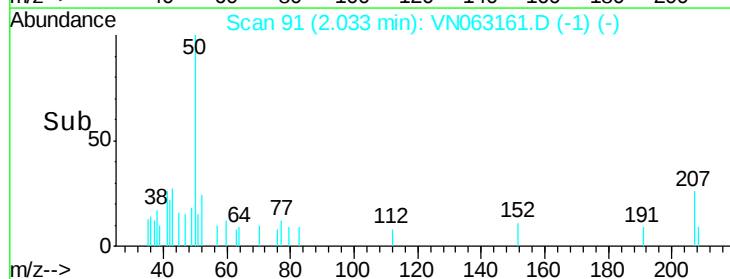
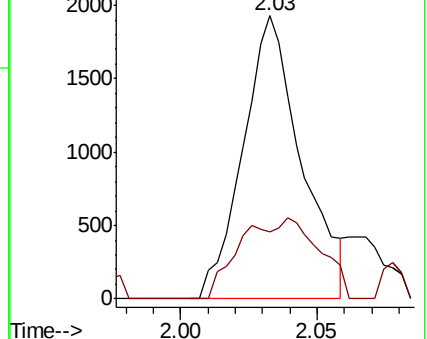
50 100

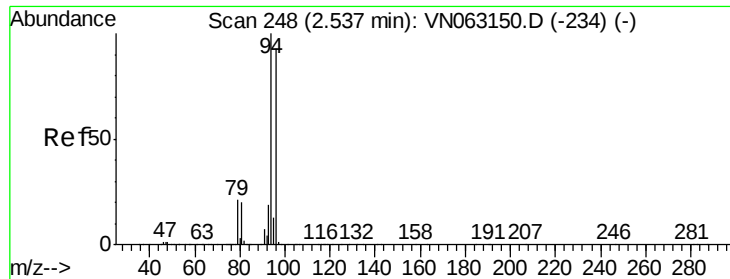
52 23.6 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 0.815 ug/l

RT: 2.56 min Scan# 254

Delta R.T. 0.02 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

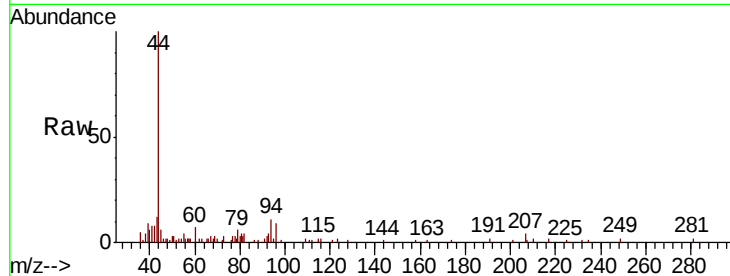
ClientSampleId :

Tot Ion: 94 Resp: 4080

Ion Ratio Lower Upper

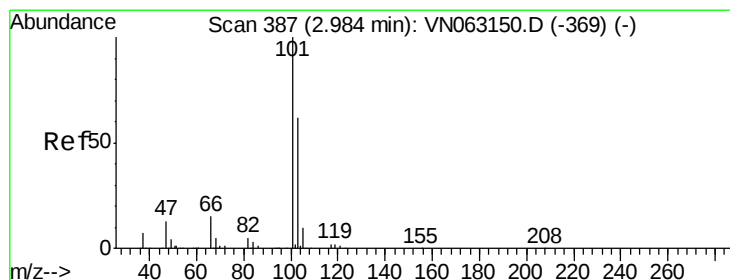
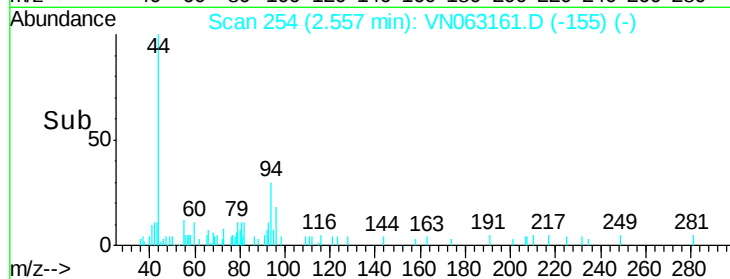
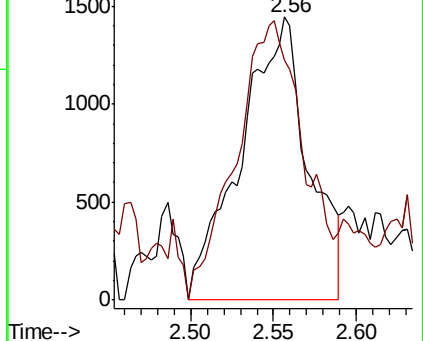
94 100

96 84.8 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.98 min Scan# 385

Delta R.T. -0.01 min

Lab File: VN063161.D

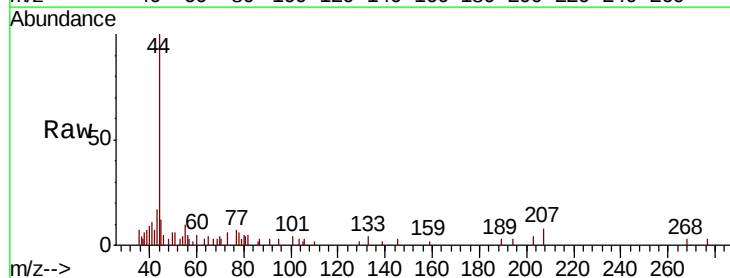
Acq: 1 Sep 2020 17:41

Tgt Ion:101 Resp: 198

Ion Ratio Lower Upper

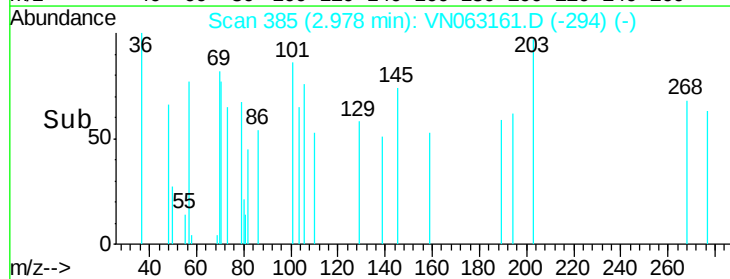
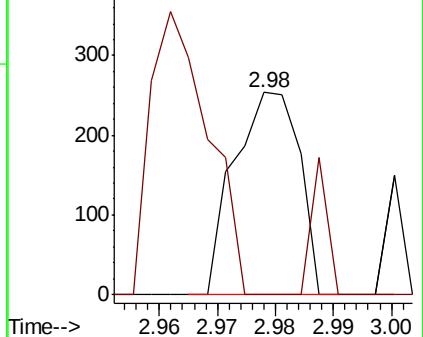
101 100

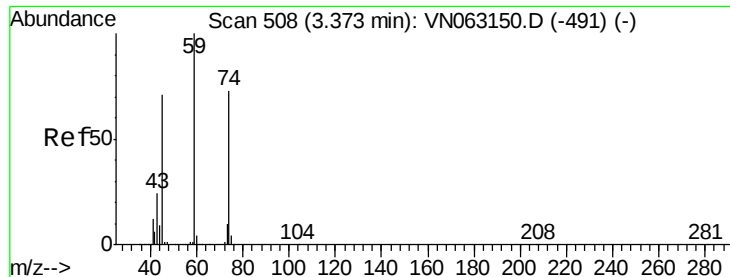
103 0.0 49.7 74.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 0.875 ug/l

RT: 3.37 min Scan# 507

Delta R.T. -0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

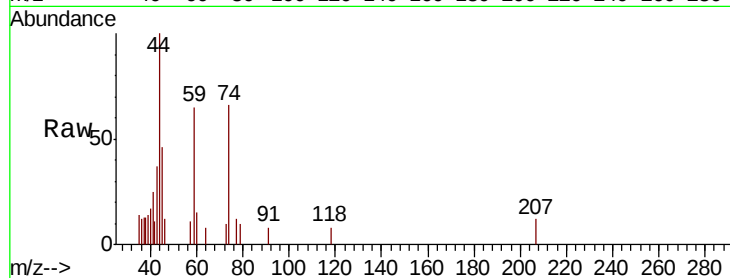
ClientSampleId :

Tot Ion: 74 Resp: 2488

Ion Ratio Lower Upper

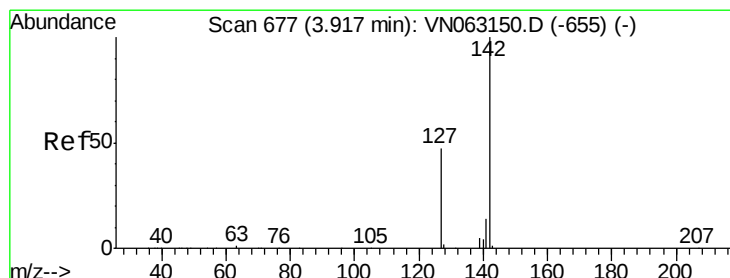
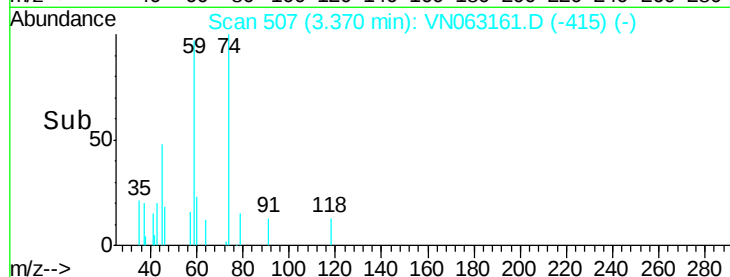
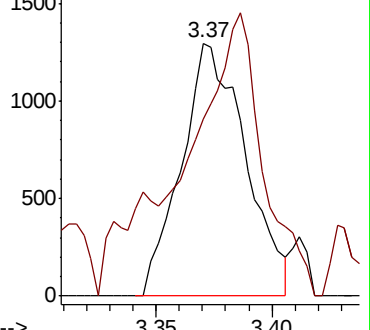
74 100

45 111.4 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VN063150.D (-491) (-)

Ion 45.00 (44.70 to 45.70): VN063150.D (-491) (-)



#10

Methyl Iodide

Concen: 0.364 ug/l

RT: 3.92 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

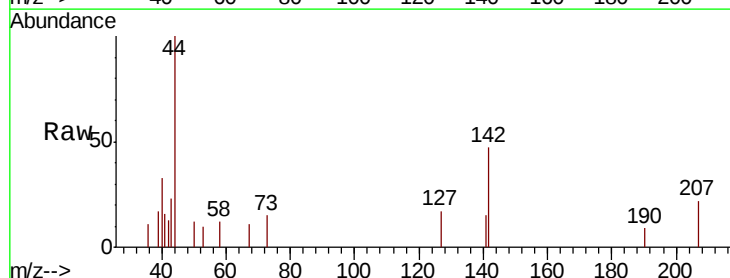
Tgt Ion: 142 Resp: 2008

Ion Ratio Lower Upper

142 100

127 29.4 37.6 56.4#

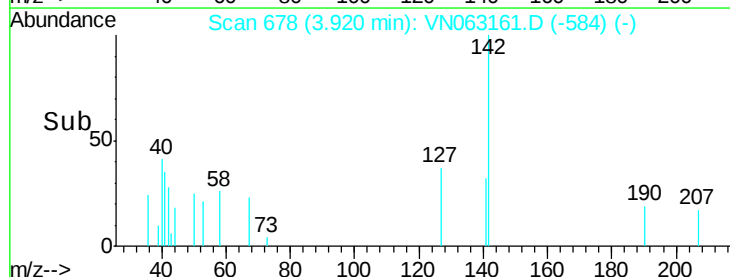
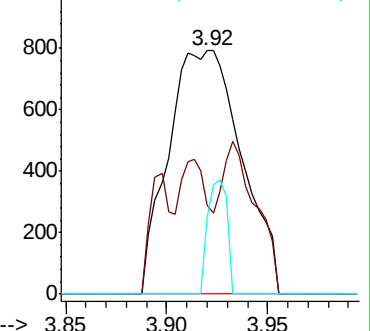
141 12.5 11.3 16.9

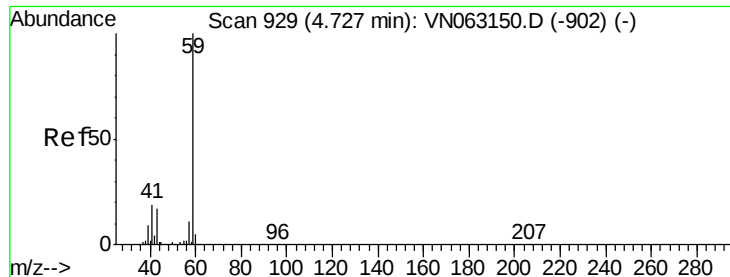


Abundance Ion 141.80 (141.50 to 142.50): VN063150.D (-655) (-)

Ion 126.80 (126.50 to 127.50): VN063150.D (-655) (-)

Ion 140.80 (140.50 to 141.50): VN063150.D (-655) (-)

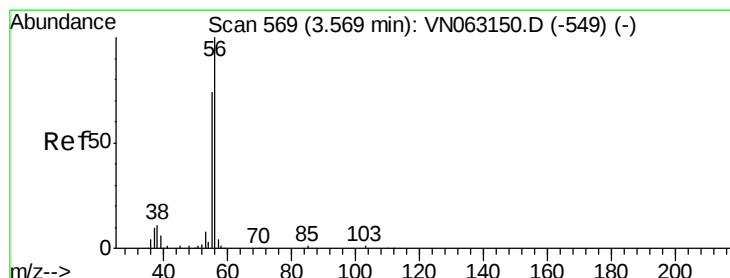
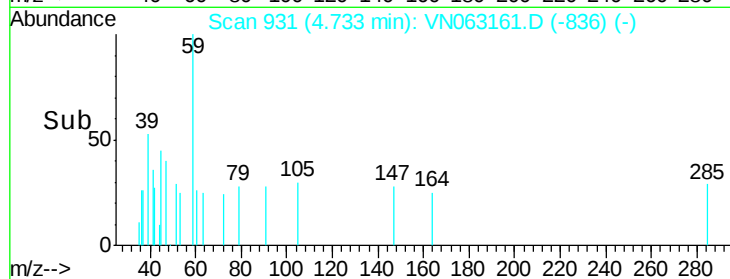
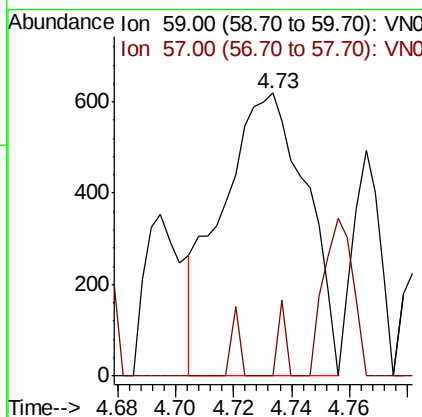
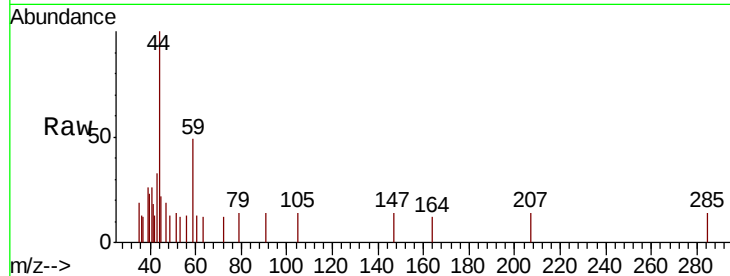




#11
Tert butyl alcohol
Concen: 1.668 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063161.D
Acq: 1 Sep 2020 17:41

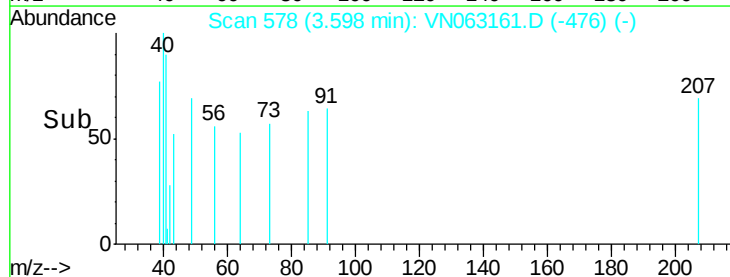
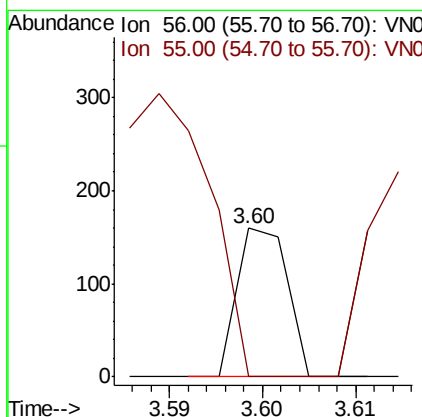
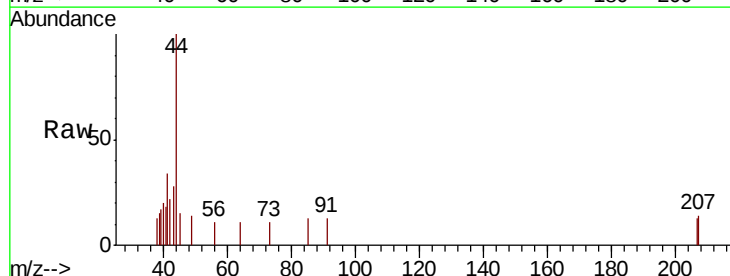
Instrument :
MSVOA_N
ClientSampleId :

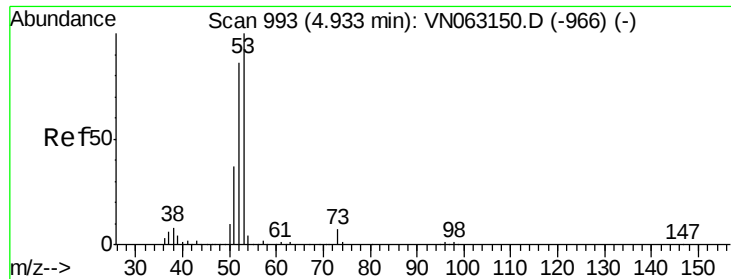
Tot Ion: 59 Resp: 1256
Ion Ratio Lower Upper
59 100
57 2.5 8.4 12.6#



#13
Acrolein
Concen: 15.965 ug/l
RT: 3.60 min Scan# 578
Delta R.T. 0.03 min
Lab File: VN063161.D
Acq: 1 Sep 2020 17:41

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 378.3 55.4 83.0#





#15

Acrylonitrile

Concen: 2.466 ug/l

RT: 4.93 min Scan# 993

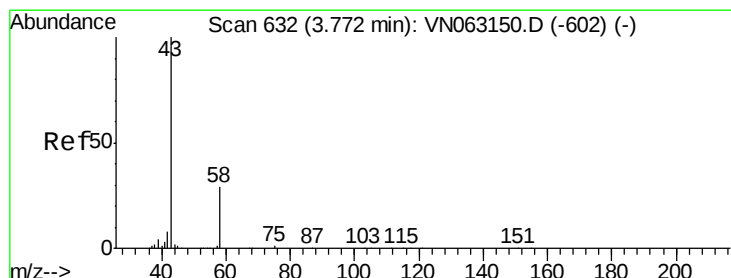
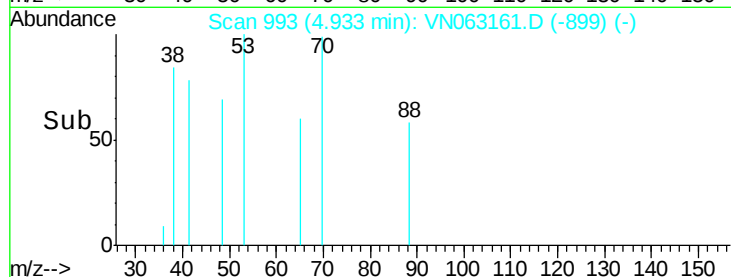
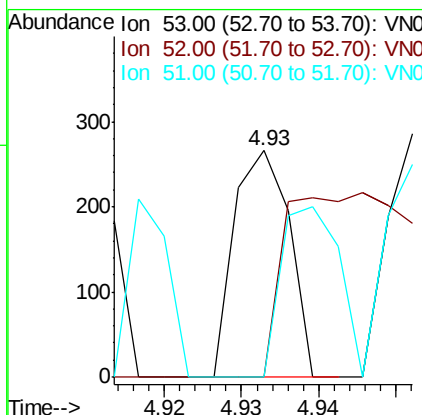
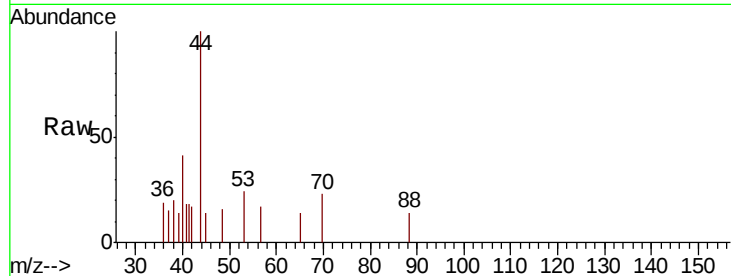
Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	53	Resp:	132
Ion	Ratio	Lower	Upper
53	100		
52	152.3	67.2	100.8#
51	78.8	30.2	45.4#



#16

Acetone

Concen: 30.530 ug/l

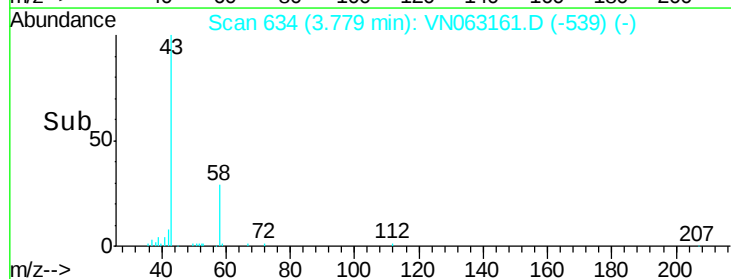
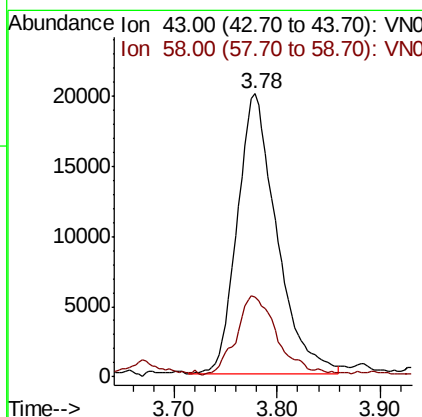
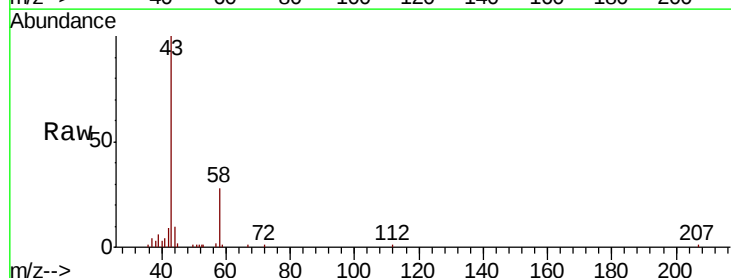
RT: 3.78 min Scan# 634

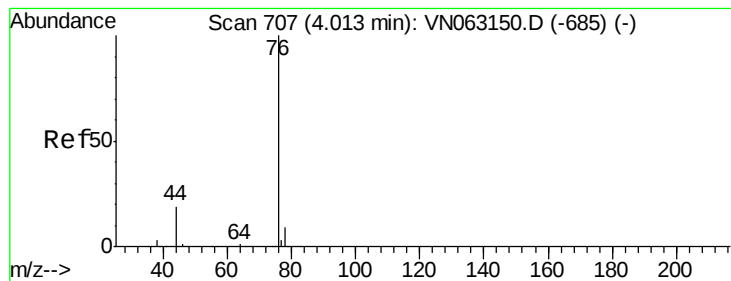
Delta R.T. 0.01 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Tgt Ion:	43	Resp:	53234
Ion	Ratio	Lower	Upper
43	100		
58	26.9	23.1	34.7





#17

Carbon Disulfide

Concen: 0.294 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

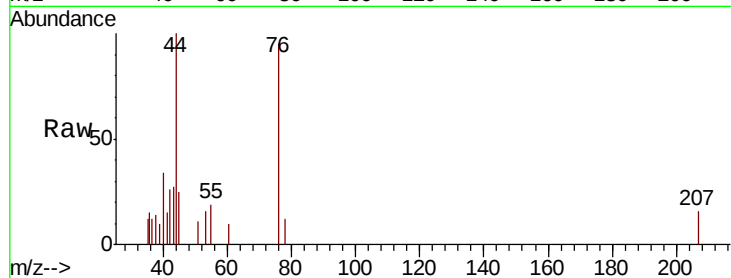
ClientSampleId :

Tot Ion: 76 Resp: 3606

Ion Ratio Lower Upper

76 100

78 12.7 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN063150.D

Ion 77.90 (77.60 to 78.60): VN063150.D

4.01

1500

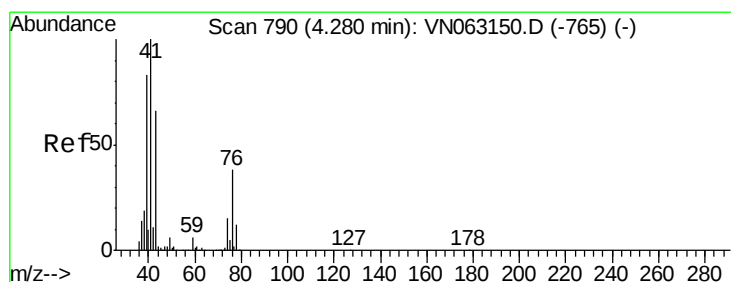
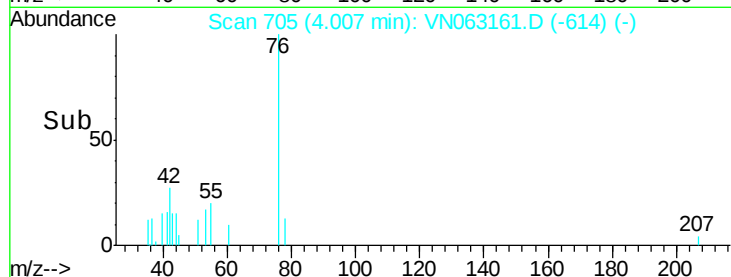
1000

500

0

3.95 4.00 4.05

Time-->



#18

Methyl Acetate

Concen: 0.592 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063161.D

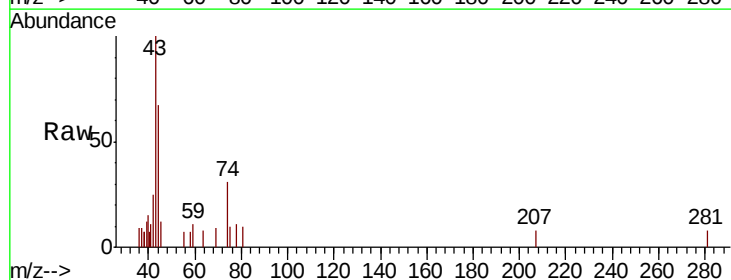
Acq: 1 Sep 2020 17:41

Tgt Ion: 43 Resp: 2646

Ion Ratio Lower Upper

43 100

74 20.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D

Ion 74.00 (73.70 to 74.70): VN063150.D

4.28

2500

2000

1500

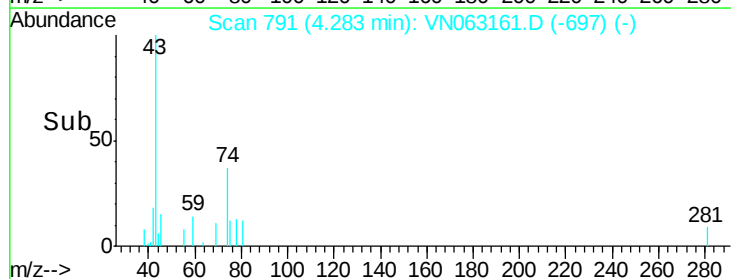
1000

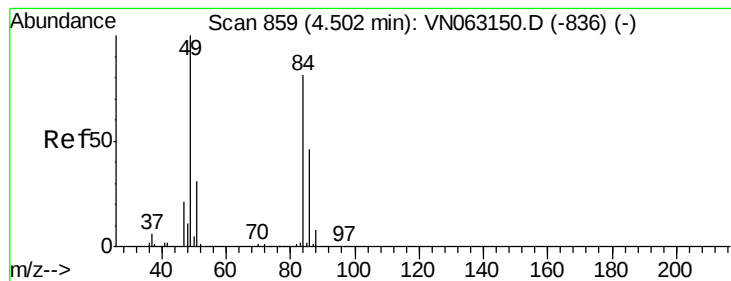
500

0

4.24 4.26 4.28 4.30

Time-->





#20

Methvlene Chloride

Concen: 3.804 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 20881

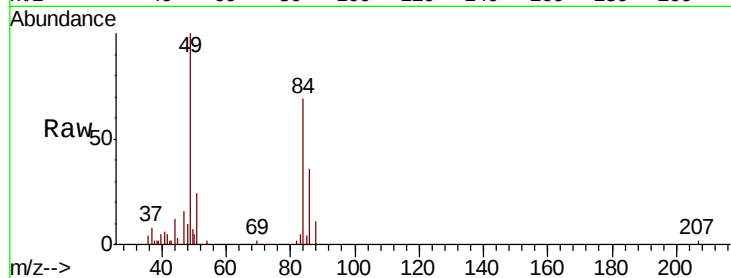
Ion Ratio Lower Upper

84 100

49 142.3 98.4 147.6

51 34.6 30.4 45.6

86 52.5 45.7 68.5

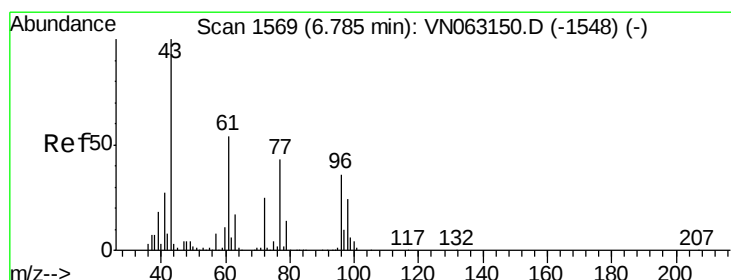
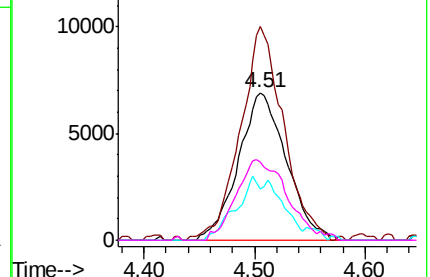
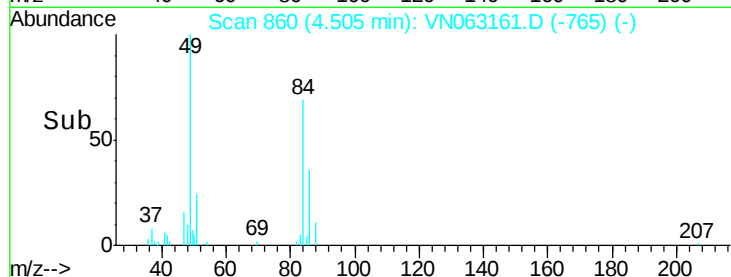


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 3.669 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063161.D

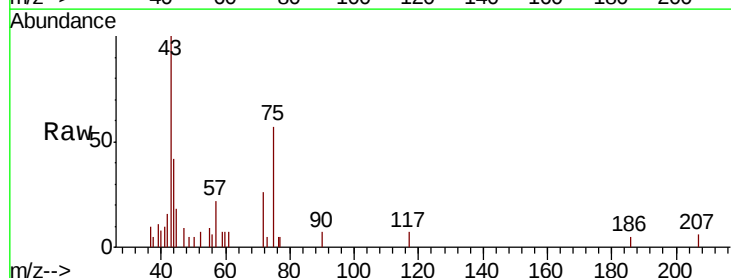
Acq: 1 Sep 2020 17:41

Tgt Ion: 43 Resp: 9907

Ion Ratio Lower Upper

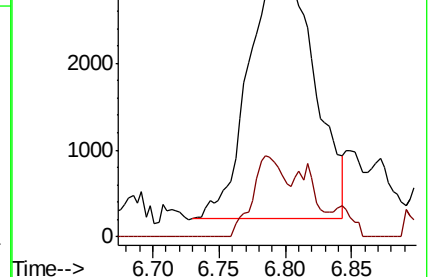
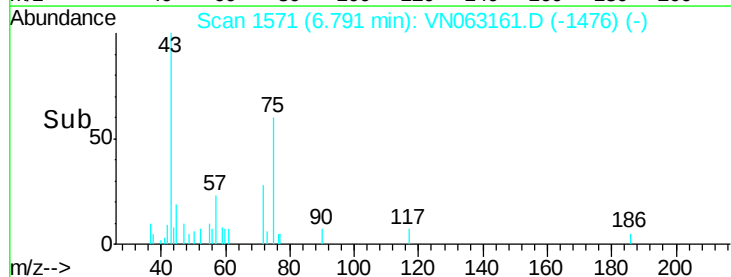
43 100

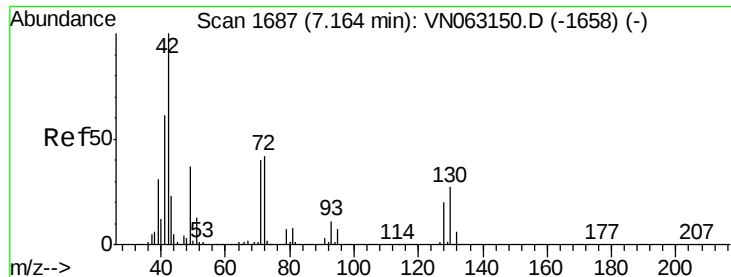
72 28.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.118 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

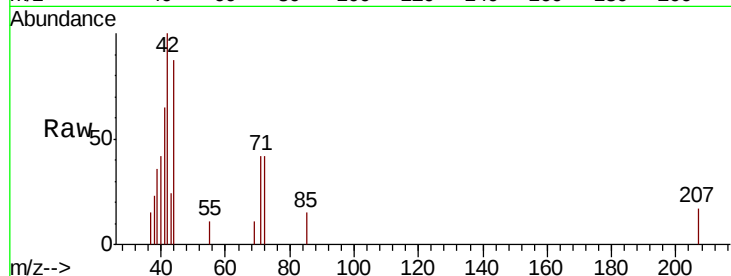
Tot Ion: 42 Resp: 2087

Ion Ratio Lower Upper

42 100

72 13.1 33.9 50.9#

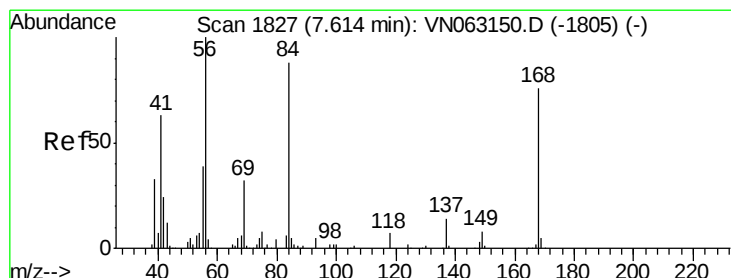
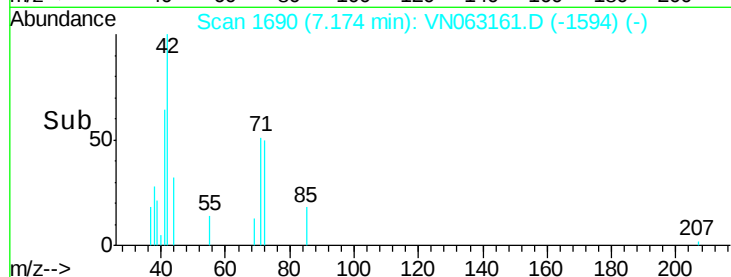
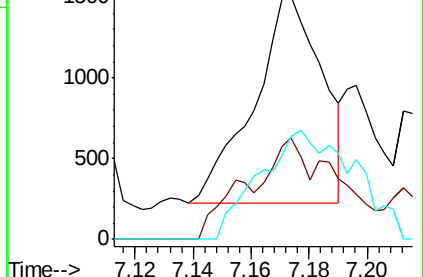
71 73.0 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VN063161.D (-1694) (-)

Ion 72.00 (71.70 to 72.70): VN063161.D (-1694) (-)

Ion 71.00 (70.70 to 71.70): VN063161.D (-1694) (-)



#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

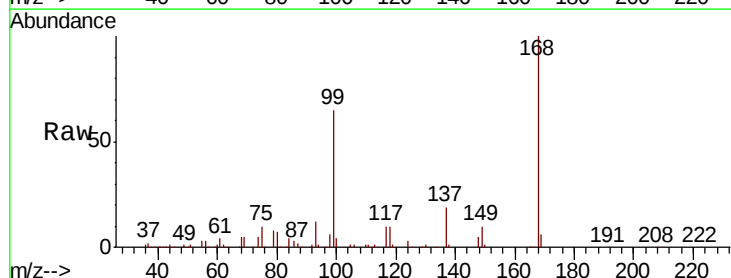
Tgt Ion: 56 Resp: 10567

Ion Ratio Lower Upper

56 100

69 172.6 25.4 38.0#

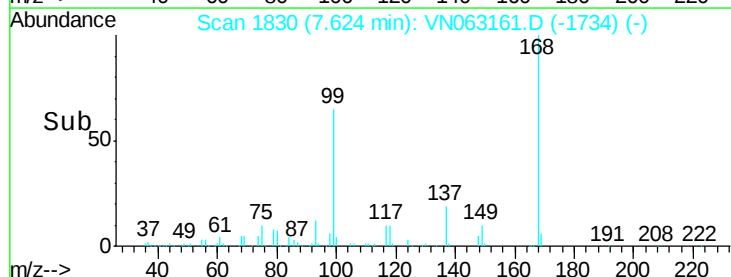
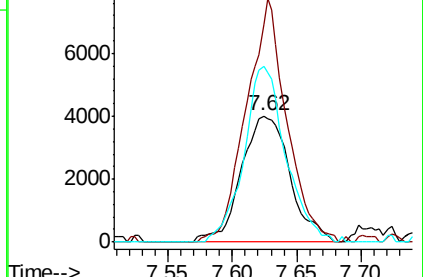
84 138.7 70.2 105.4#

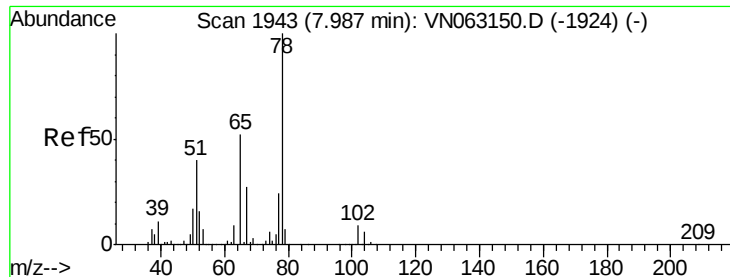


Abundance Ion 56.00 (55.70 to 56.70): VN063161.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063161.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063161.D (-1734) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.516 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

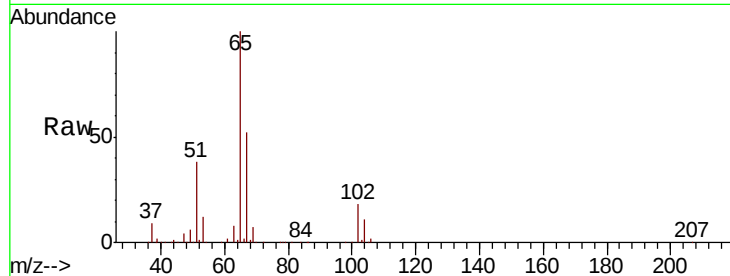
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 297585

Ion Ratio Lower Upper

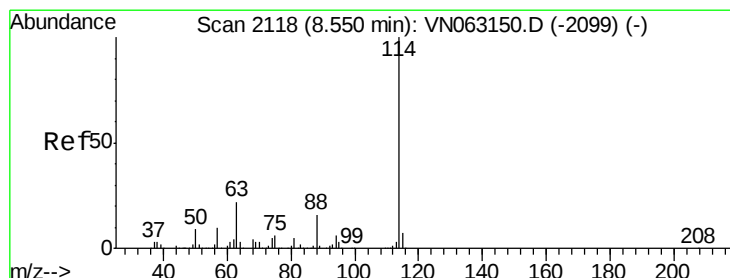
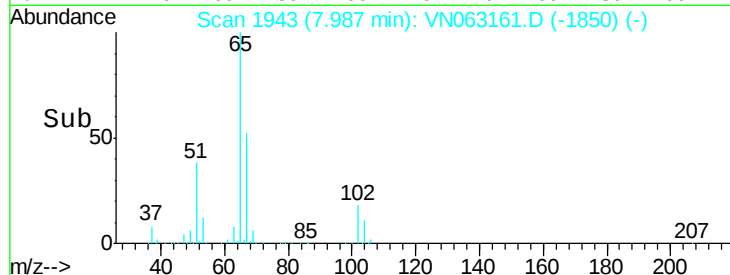
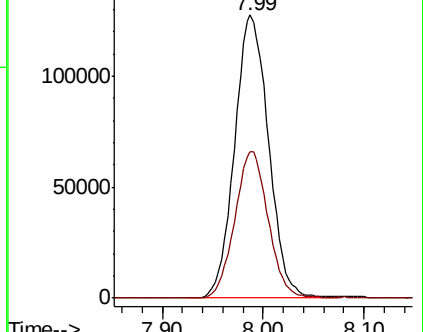
65 100

67 50.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063161.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063161.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

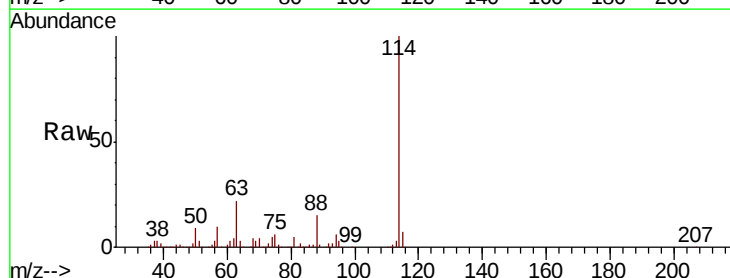
Tgt Ion: 114 Resp: 723166

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

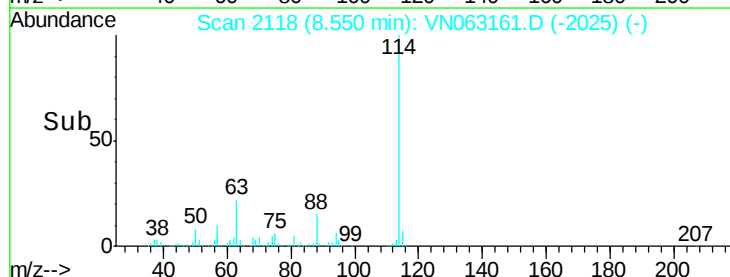
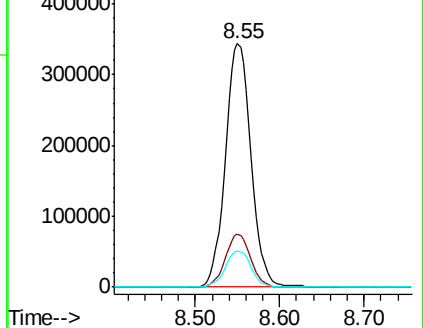
88 14.8 0.0 31.6

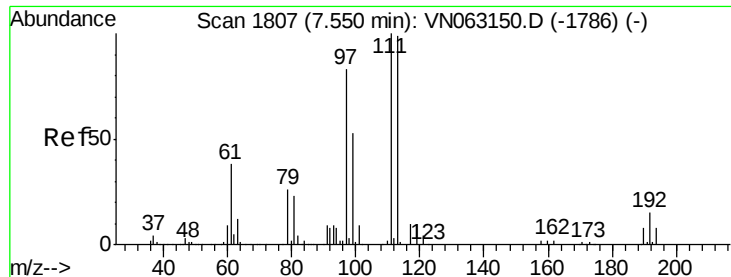


Abundance Ion 113.90 (113.60 to 114.60): VN063161.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063161.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063161.D (-2025) (-)

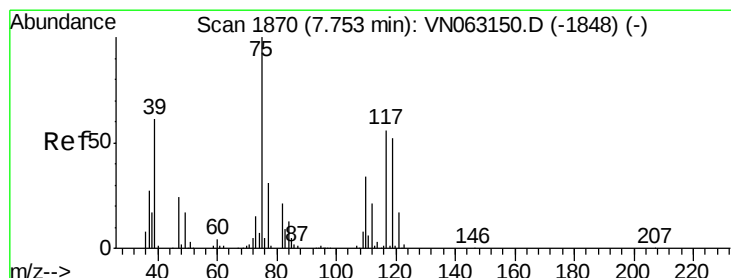
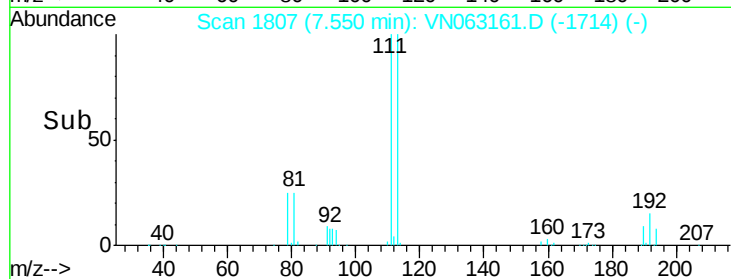
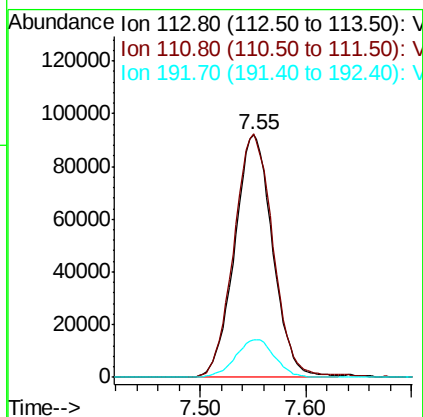
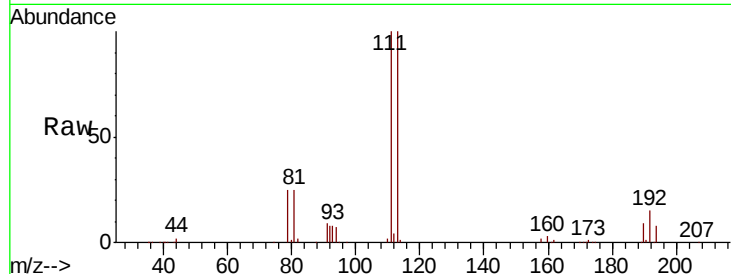




#35
 Dibromofluoromethane
 Concen: 49.590 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063161.D
 Acq: 1 Sep 2020 17:41

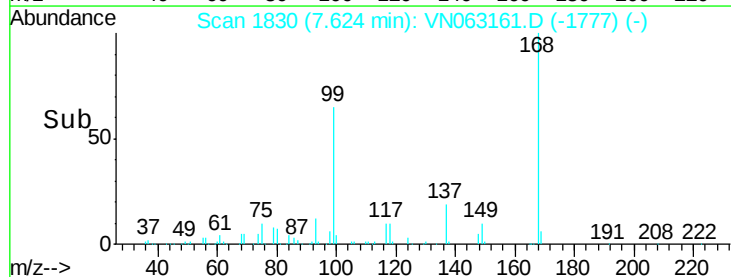
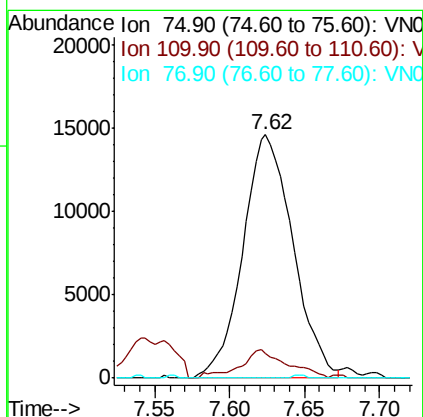
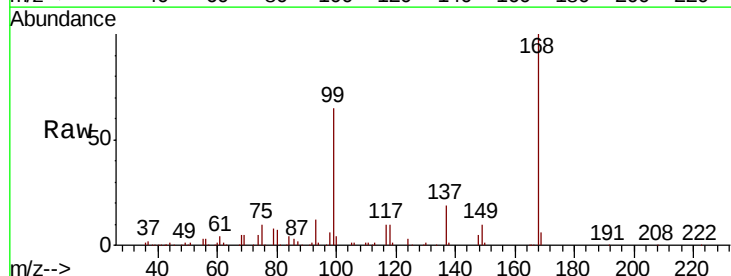
Instrument :
 MSVOA_N
 ClientSampleId :

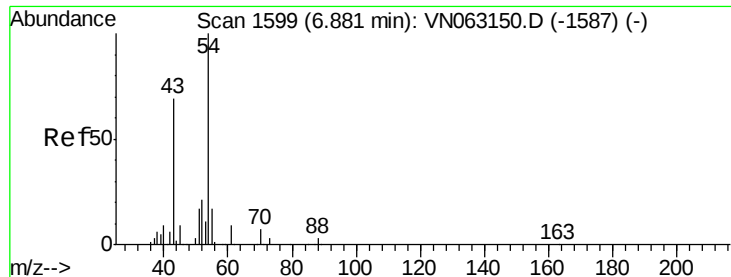
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	16.1	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 4.887 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063161.D
 Acq: 1 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.6	49.8#
77	0.0	25.4	38.2#

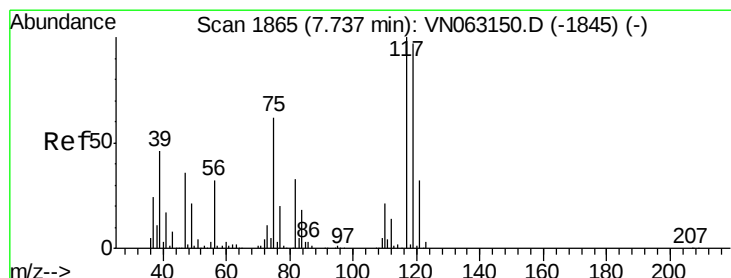
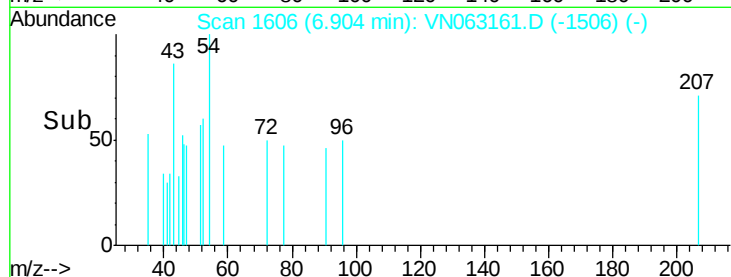
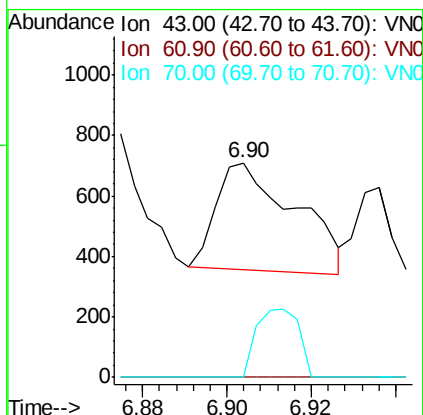
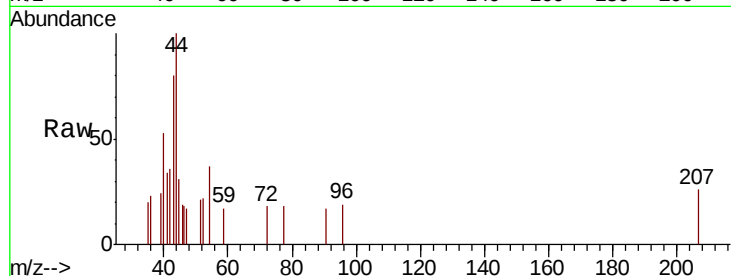




#37
Ethyl Acetate
Concen: 0.449 ug/l
RT: 6.90 min Scan# 1606
Delta R.T. 0.02 min
Lab File: VN063161.D
Acq: 1 Sep 2020 17:41

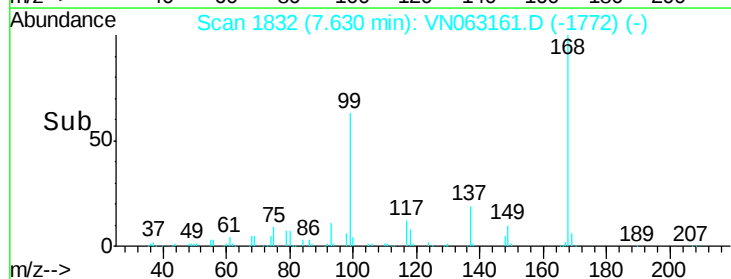
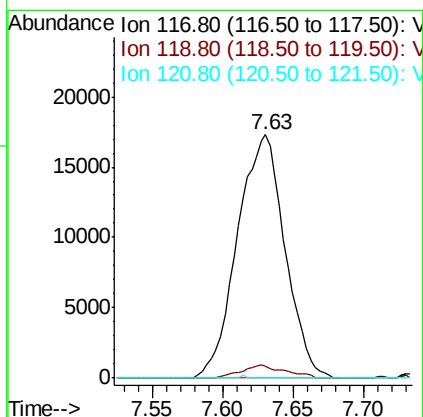
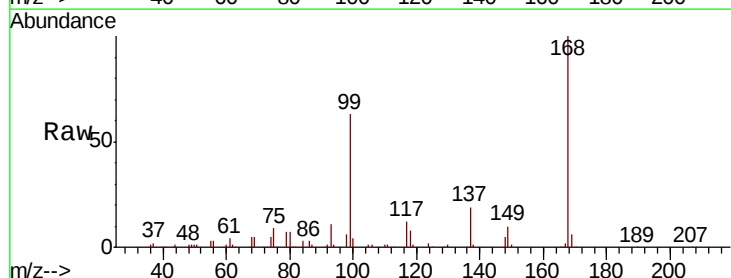
Instrument :
MSVOA_N
ClientSampled :

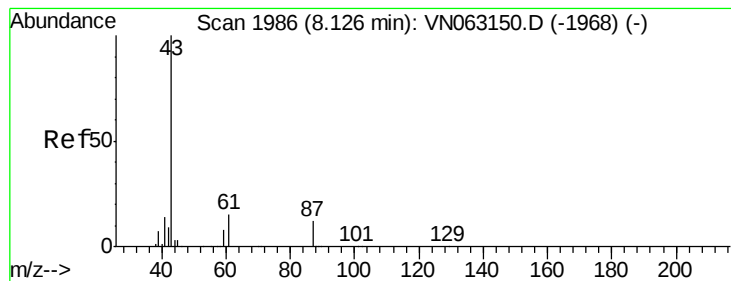
Tot Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 34.4 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN063161.D
Acq: 1 Sep 2020 17:41

Tgt Ion: 117 Resp: 40779
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 12.373 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

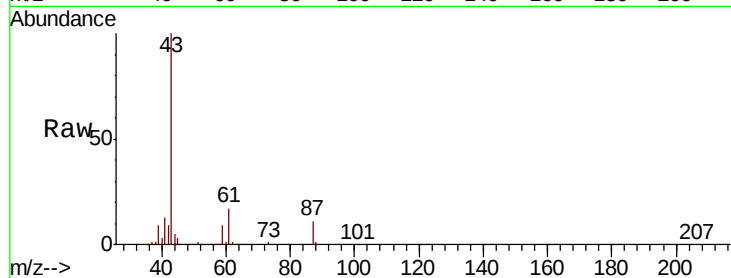
Tot Ion: 43 Resp: 140282

Ion Ratio Lower Upper

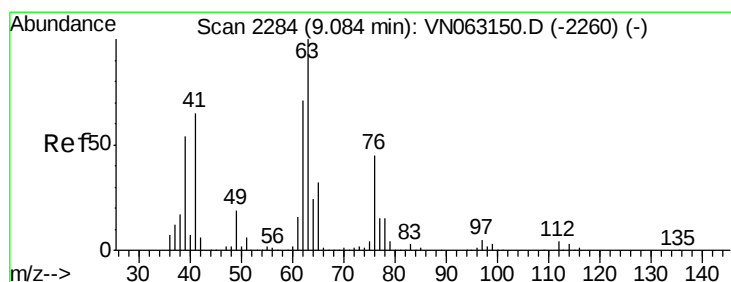
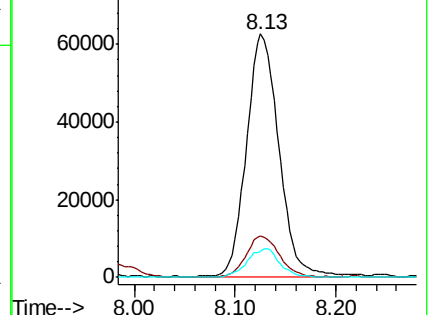
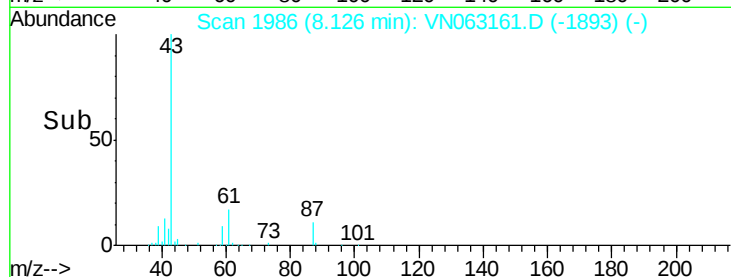
43 100

61 17.5 20.2 30.4#

87 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063161.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.440 ug/l

RT: 9.23 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN063161.D

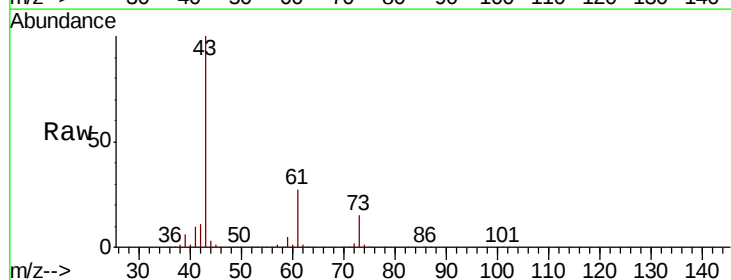
Acq: 1 Sep 2020 17:41

Tgt Ion: 63 Resp: 2382

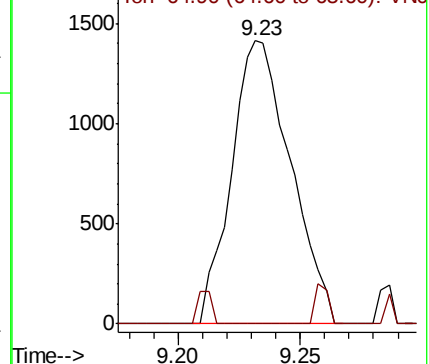
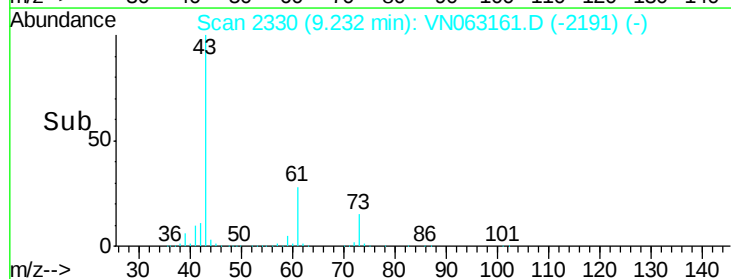
Ion Ratio Lower Upper

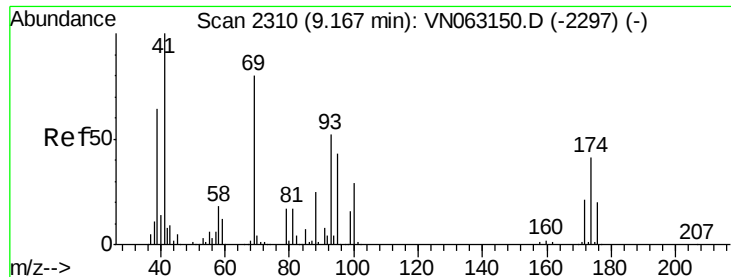
63 100

65 0.0 25.4 38.0#



Abundance Ion 62.90 (62.60 to 63.60): VN063161.D (-2191) (-)

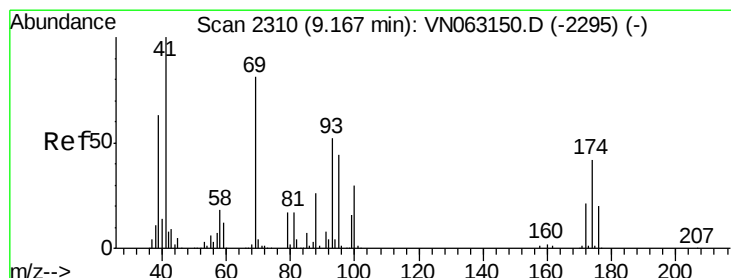
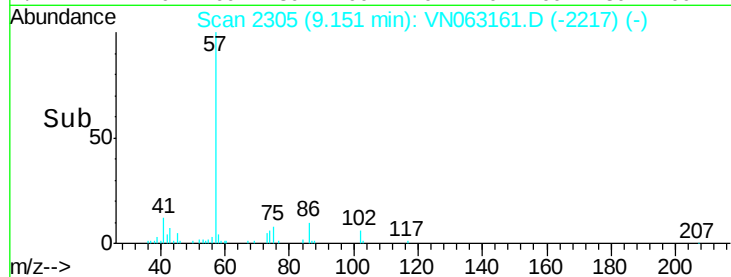
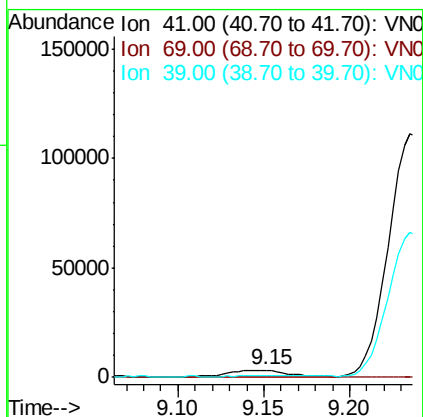
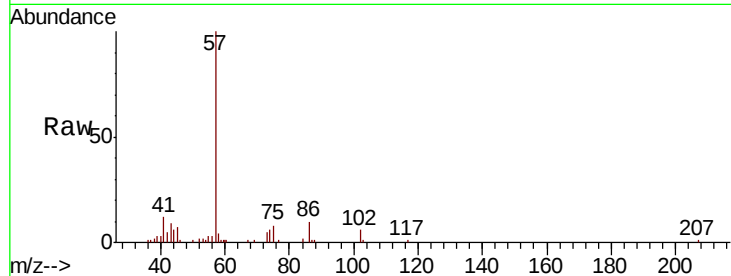




#48
Methvl methacrylate
Concen: 1.295 ug/l
RT: 9.15 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN063161.D
Acq: 1 Sep 2020 17:41

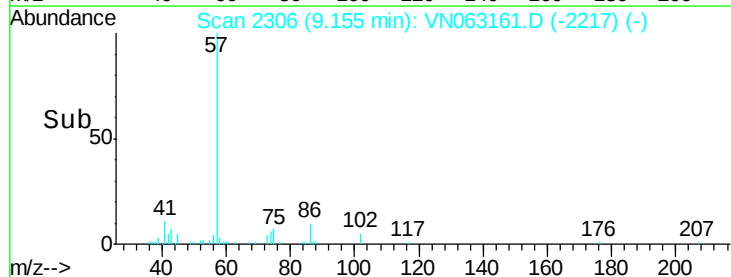
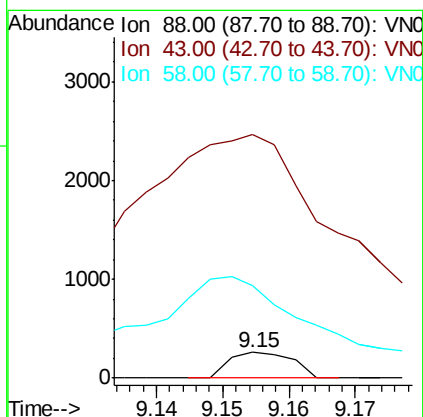
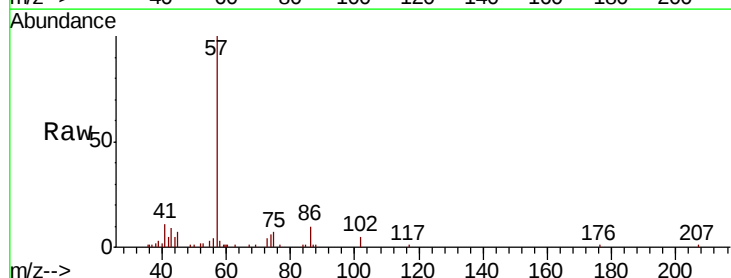
Instrument :
MSVOA_N
ClientSampled :

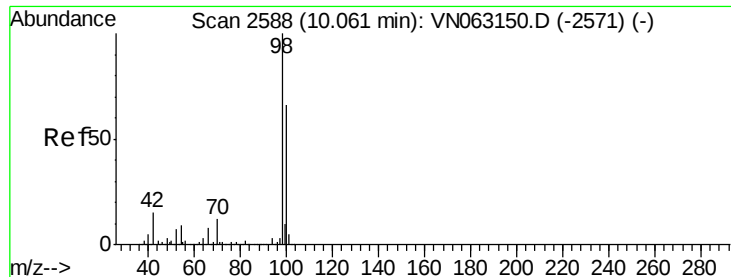
Tot Ion: 41 Resp: 6618
Ion Ratio Lower Upper
41 100
69 1.3 65.9 98.9#
39 0.0 52.0 78.0#



#49
1,4-Dioxane
Concen: 2.188 ug/l
RT: 9.15 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN063161.D
Acq: 1 Sep 2020 17:41

Tgt Ion: 88 Resp: 173
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 1092.5 53.2 79.8#





#50

Toluene-d8

Concen: 51.932 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

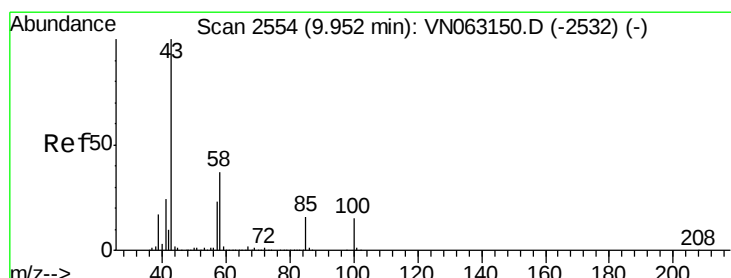
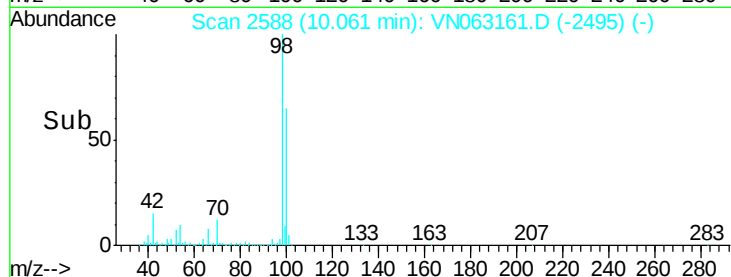
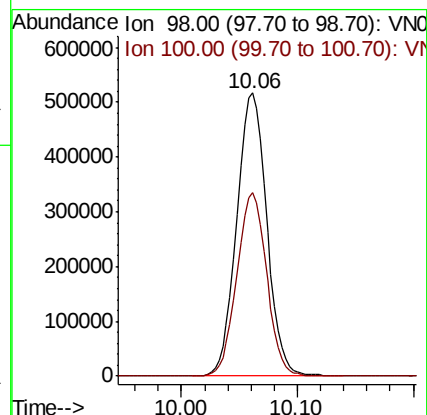
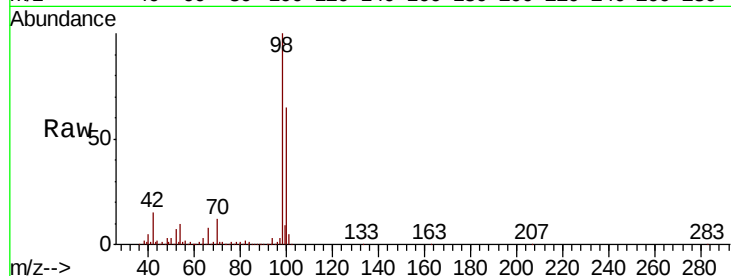
ClientSampleId :

Tot Ion: 98 Resp: 927366

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 3.033 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063161.D

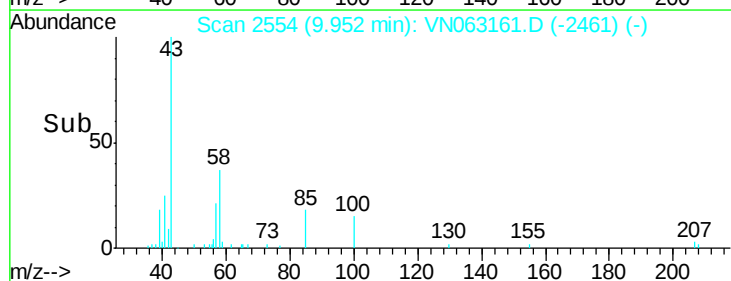
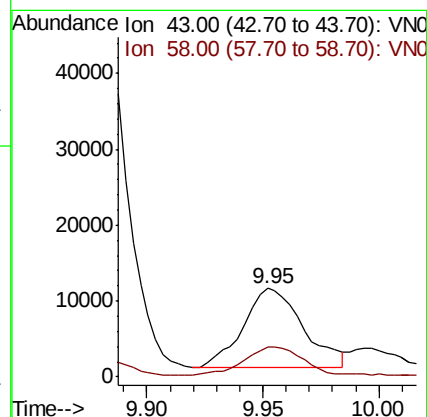
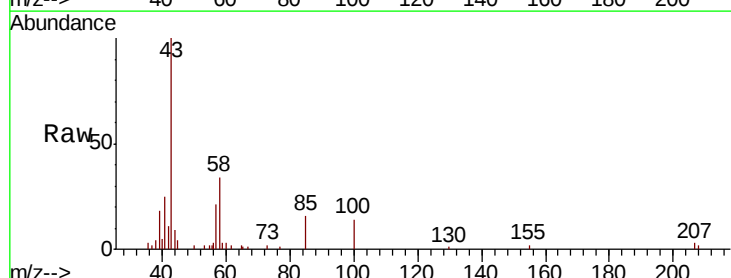
Acq: 1 Sep 2020 17:41

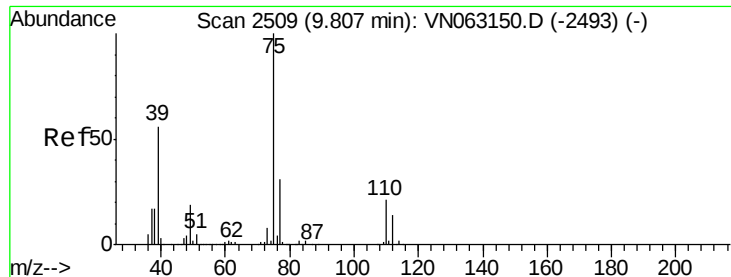
Tgt Ion: 43 Resp: 18686

Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8





#54

cis-1,3-Dichloropropene

Concen: 6.409 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

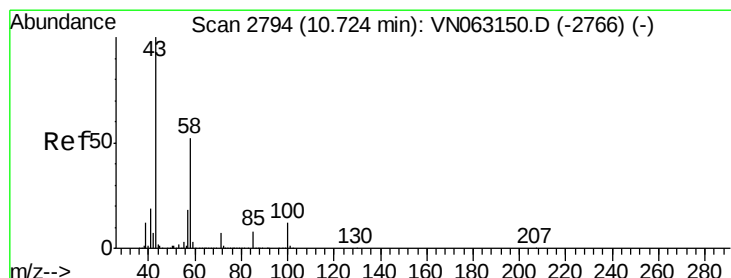
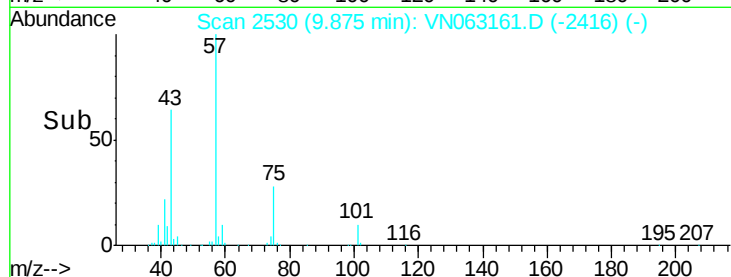
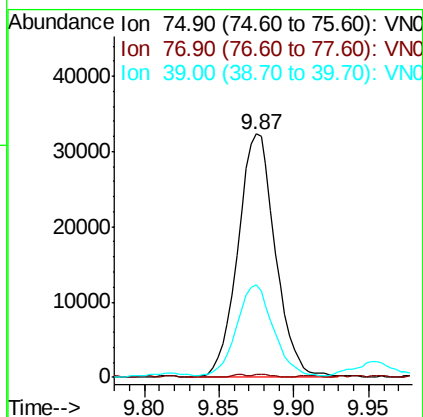
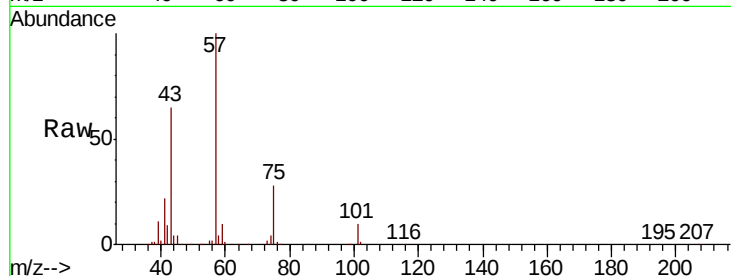
Tot Ion: 75 Resp: 56545

Ion Ratio Lower Upper

75 100

77 1.1 24.8 37.2#

39 37.1 45.0 67.6#



#59

2-Hexanone

Concen: 31.189 ug/l

RT: 10.74 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VN063161.D

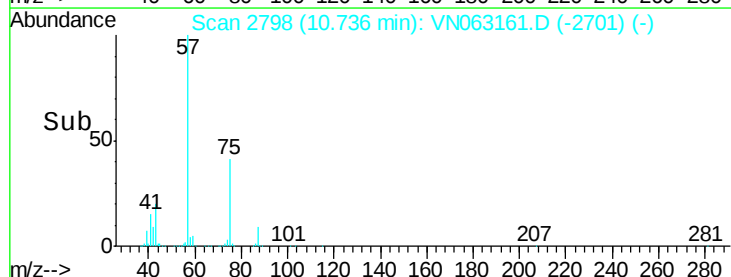
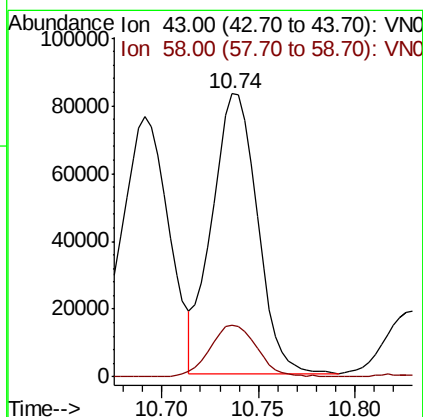
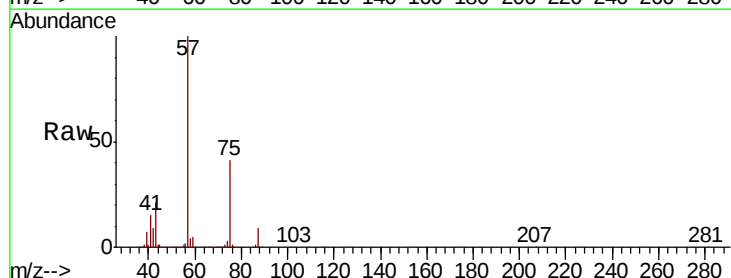
Acq: 1 Sep 2020 17:41

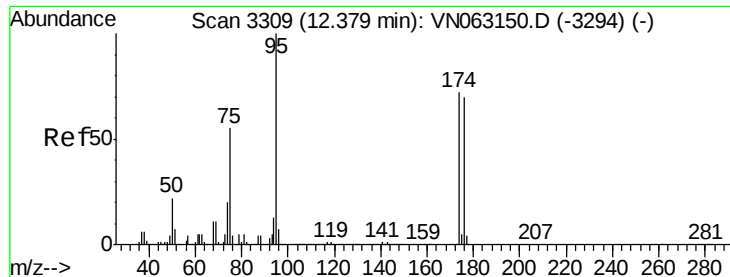
Tgt Ion: 43 Resp: 135047

Ion Ratio Lower Upper

43 100

58 19.3 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 52.908 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

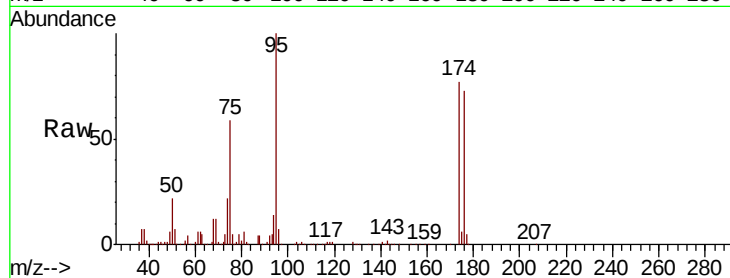
Tot Ion: 95 Resp: 330497

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.8

176 71.4 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.38

250000

200000

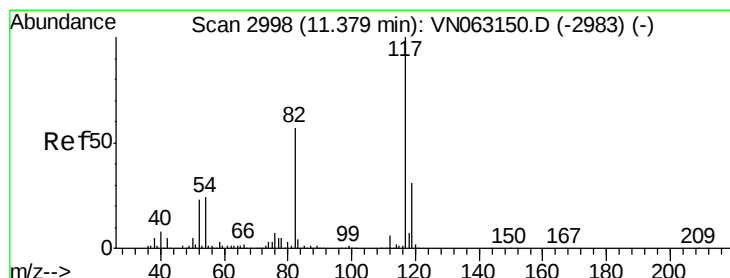
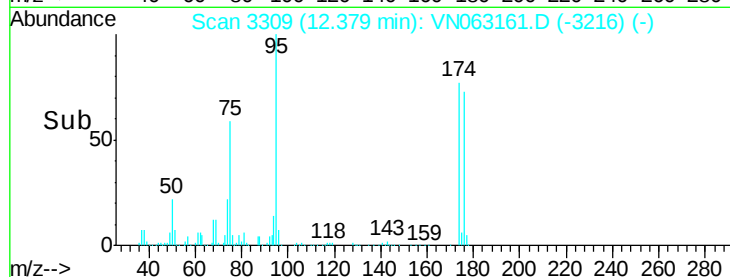
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

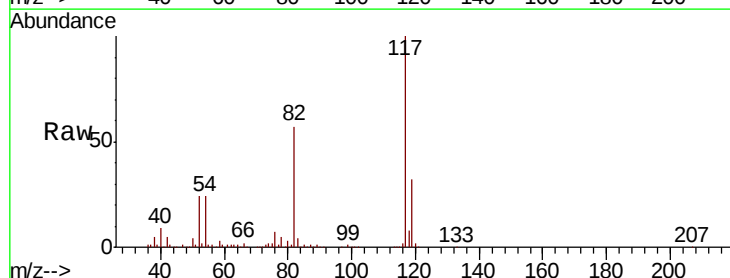
Tgt Ion: 117 Resp: 723987

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.0

119 31.6 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.38

500000

400000

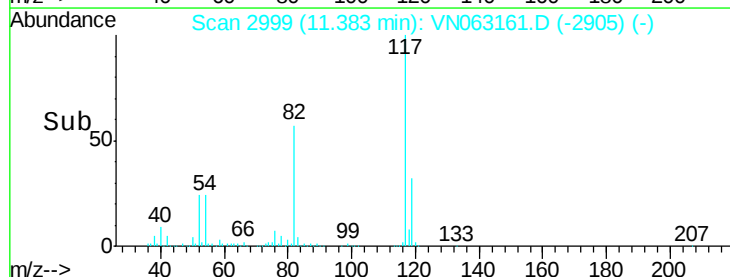
300000

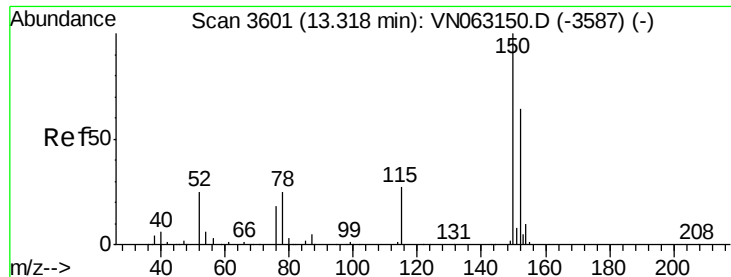
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

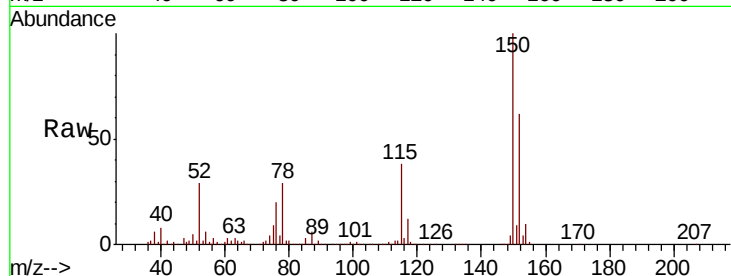
Tot Ion:152 Resp: 283822

Ion Ratio Lower Upper

152 100

115 62.9 32.0 96.2

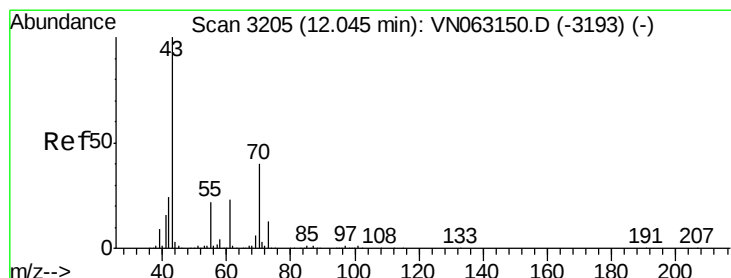
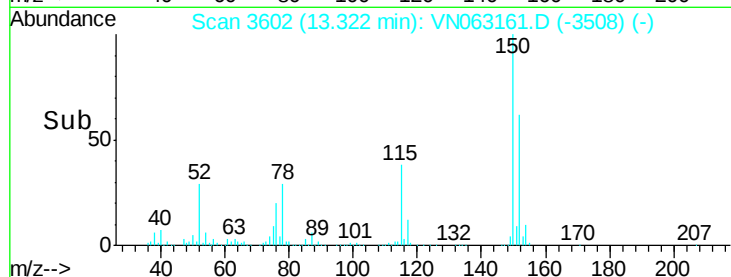
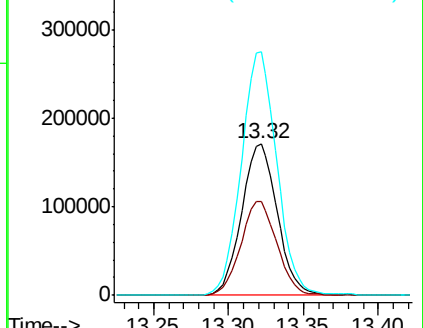
150 160.8 0.0 353.0



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



#74

N-ethyl acetate

Concen: 0.428 ug/l

RT: 12.01 min Scan# 3194

Delta R.T. -0.04 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Tgt Ion: 43 Resp: 3860

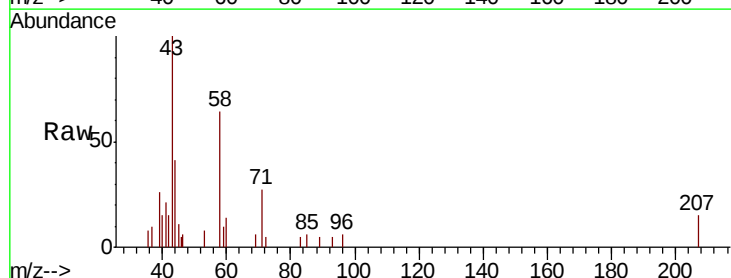
Ion Ratio Lower Upper

43 100

70 0.0 32.1 48.1#

55 5.6 17.4 26.0#

61 3.6 18.6 27.8#

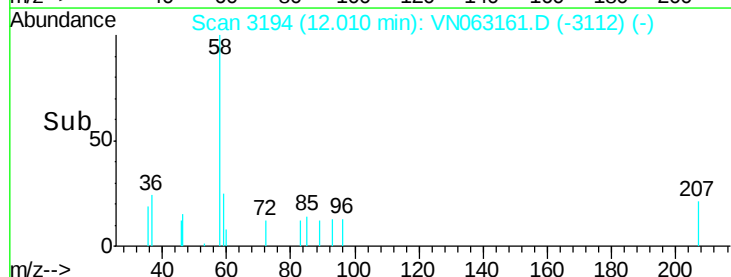
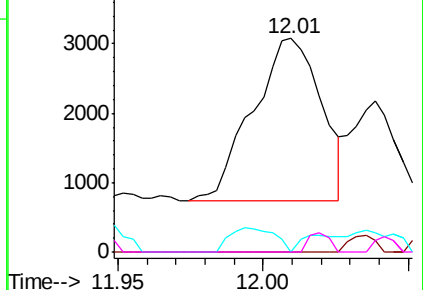


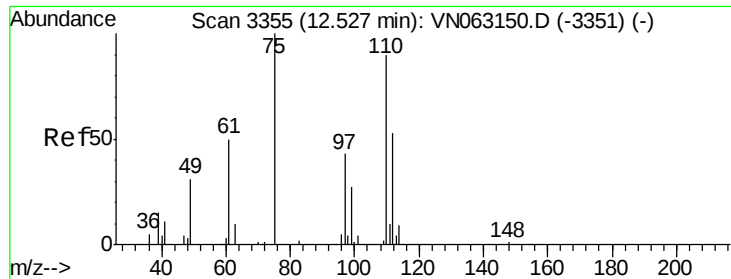
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 33.622 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.15 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

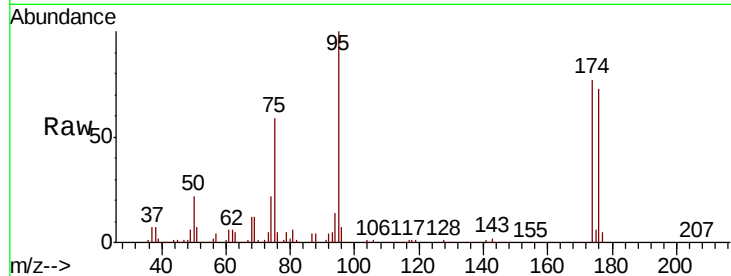
ClientSampled :

Tot Ion: 75 Resp: 187491

Ion Ratio Lower Upper

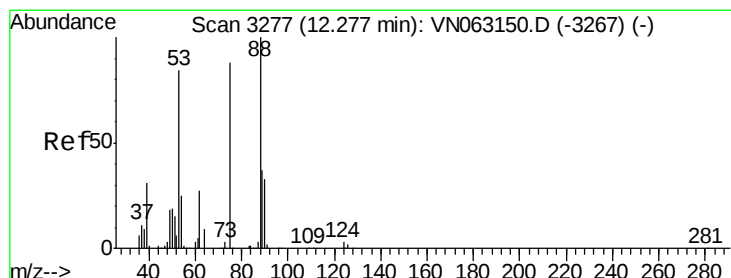
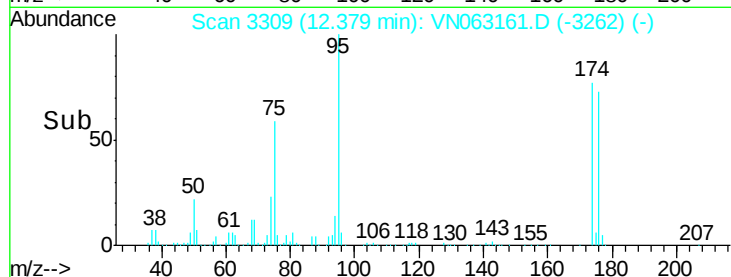
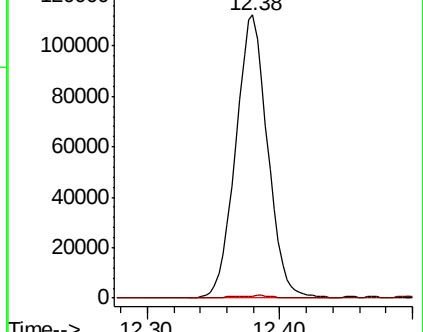
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 81.263 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.10 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

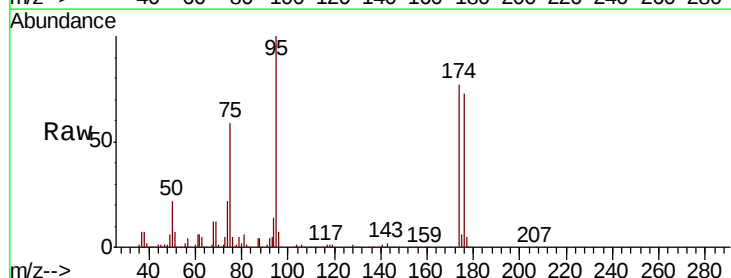
Tgt Ion: 75 Resp: 187491

Ion Ratio Lower Upper

75 100

53 0.1 78.7 118.1#

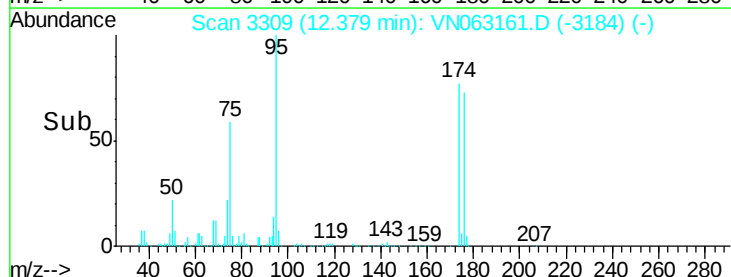
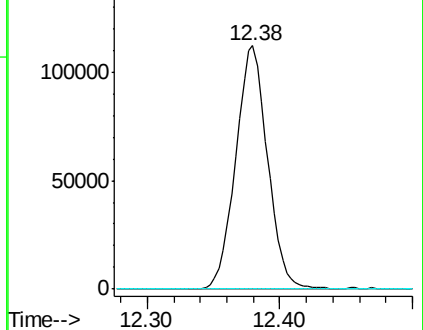
89 0.2 35.3 52.9#

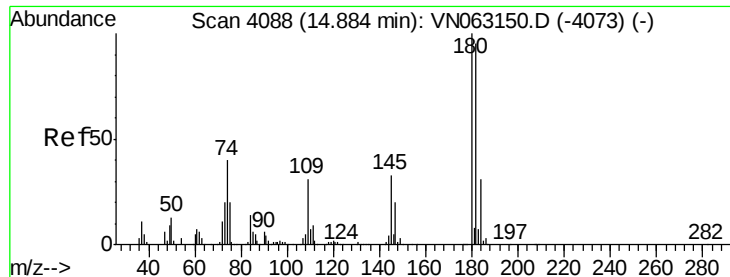


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

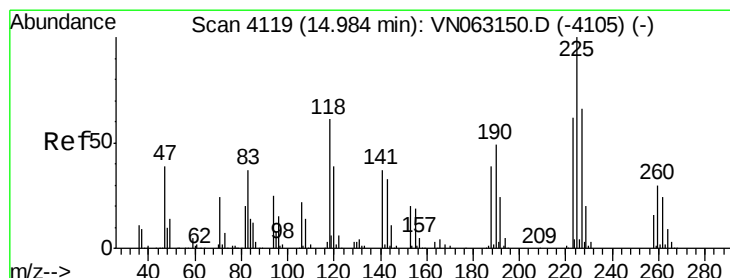
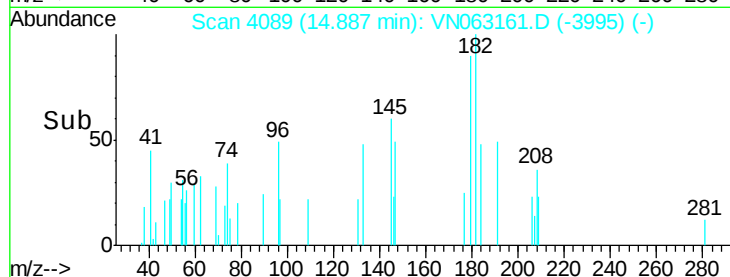
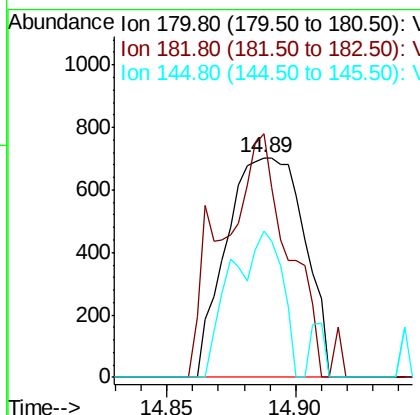
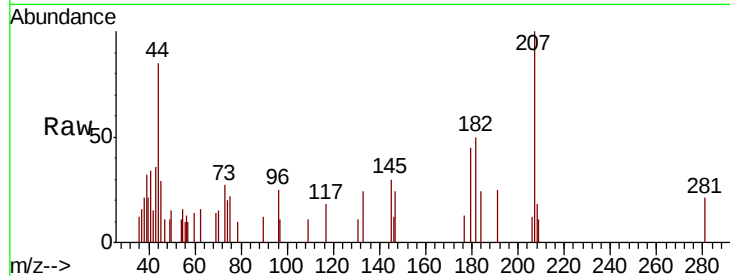




#93
 1,2,4-Trichlorobenzene
 Concen: 0.301 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN063161.D
 Acq: 1 Sep 2020 17:41

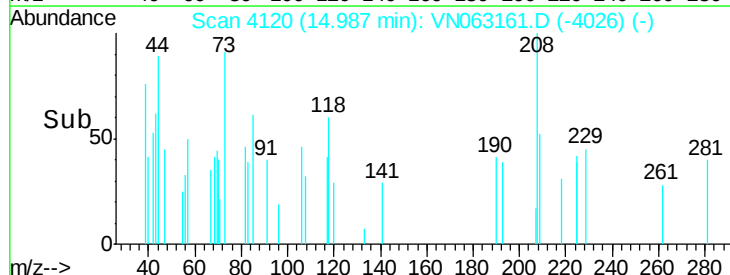
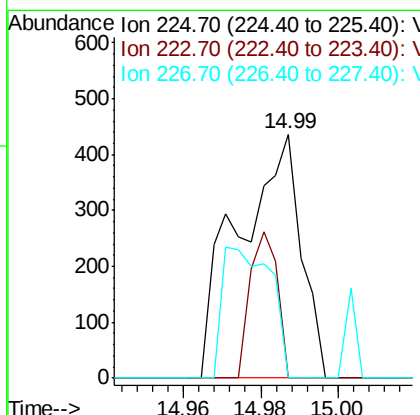
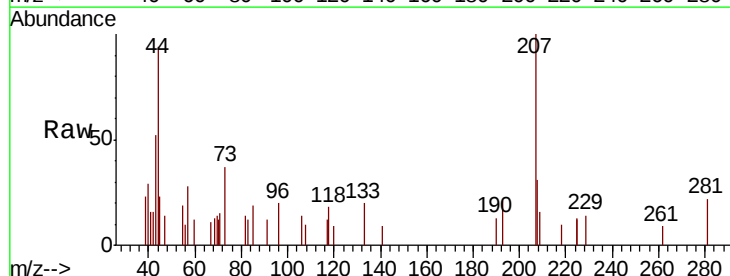
Instrument :
 MSVOA_N
 ClientSampled :

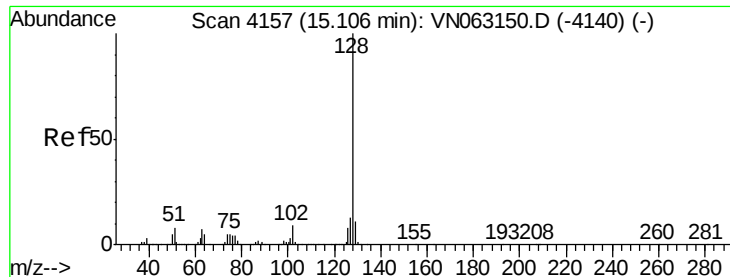
Tot Ion:180 Resp: 1476
 Ion Ratio Lower Upper
 180 100
 182 65.7 47.5 142.5
 145 43.8 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 0.267 ug/l
 RT: 14.99 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: VN063161.D
 Acq: 1 Sep 2020 17:41

Tgt Ion:225 Resp: 489
 Ion Ratio Lower Upper
 225 100
 223 26.4 30.9 92.7#
 227 41.5 32.9 98.7





#95

Naphthalene

Concen: 0.542 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

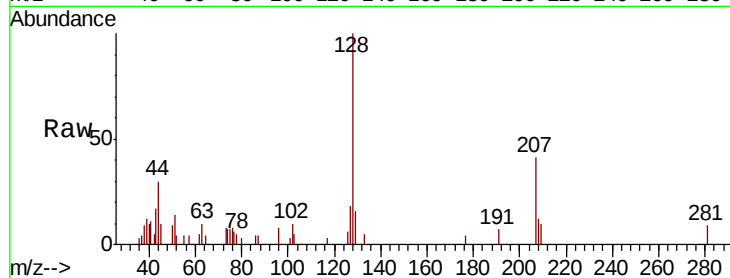
Tot Ion:128 Resp: 8860

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

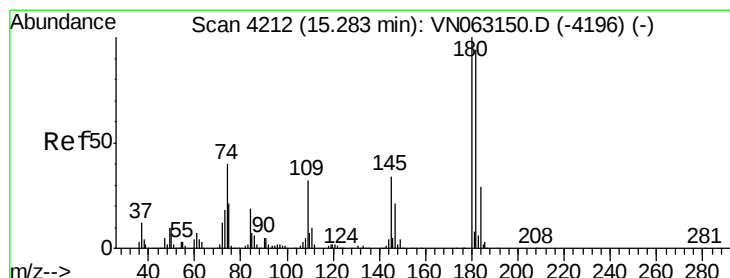
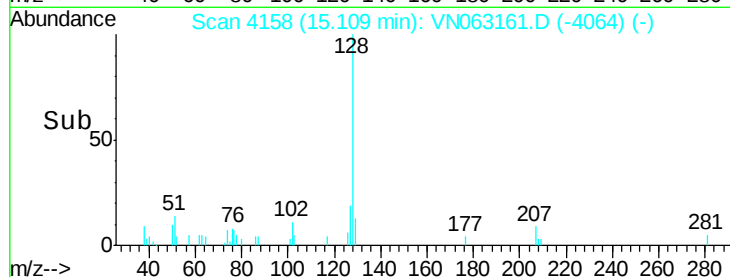
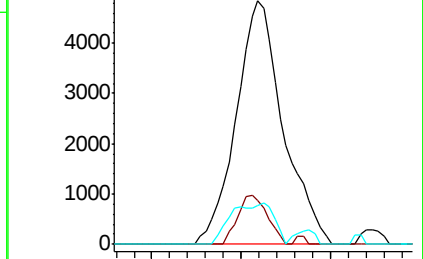
129 7.1 8.6 13.0#



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: 0.210 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063161.D

Acq: 1 Sep 2020 17:41

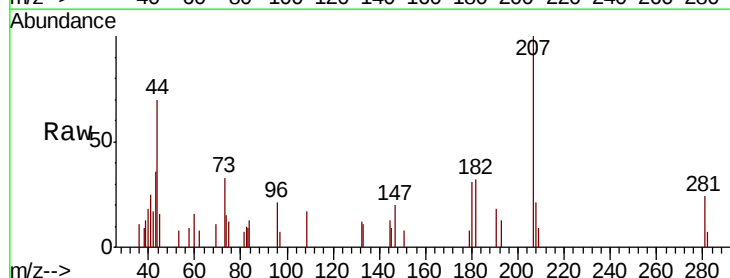
Tgt Ion:180 Resp: 1005

Ion Ratio Lower Upper

180 100

182 119.9 47.5 142.5

145 72.3 17.3 52.0#



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

