

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063173.D
 Acq On : 1 Sep 2020 22:28
 Operator : JC/MD
 Sample : L3852-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 04:08:02 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	358309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	685032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	690557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	283050	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	283605	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	7.55	113	218489	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.06	98	883532	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.38	95	313349	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	

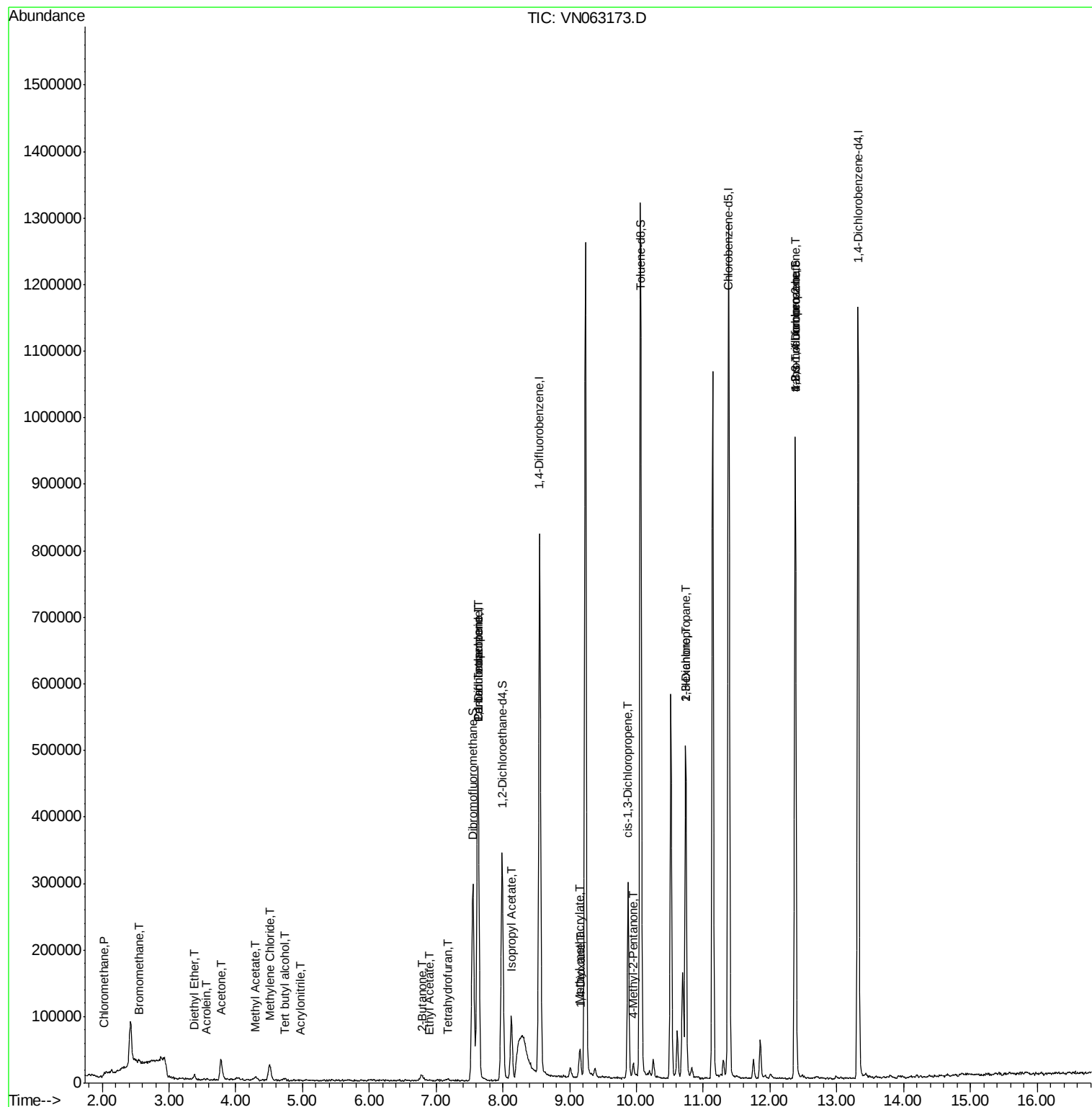
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2451	0.477	ug/l #	77
5) Bromomethane	2.56	94	2431	0.509	ug/l #	61
7) Trichlorofluoromethane	2.99	101	32	Below Cal	#	19
8) Diethyl Ether	3.38	74	3135	1.154	ug/l	73
11) Tert butyl alcohol	4.73	59	3208	4.462	ug/l	98
13) Acrolein	3.54	56	85	16.060	ug/l #	12
15) Acrylonitrile	4.97	53	123	2.464	ug/l #	35
16) Acetone	3.78	43	52645	31.617	ug/l	93
18) Methyl Acetate	4.28	43	7358	1.723	ug/l	95
20) Methylene Chloride	4.51	84	15329	2.810	ug/l	95
25) 2-Butanone	6.80	43	8646	3.354	ug/l #	75
29) Tetrahydrofuran	7.16	42	552	0.310	ug/l #	44
31) Cyclohexane	7.63	56	9415	Below Cal	#	27
36) 1,1-Dichloropropene	7.63	75	32426	4.924	ug/l #	50
37) Ethyl Acetate	6.90	43	646	0.483	ug/l #	92
38) Carbon Tetrachloride	7.63	117	39455	5.908	ug/l #	15
43) Isopropyl Acetate	8.13	43	115070	10.714	ug/l #	91
48) Methyl methacrylate	9.15	41	6543	1.351	ug/l #	13
49) 1,4-Dioxane	9.17	88	258	3.445	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	16061	2.752	ug/l	99
54) cis-1,3-Dichloropropene	9.87	75	50294	6.018	ug/l #	65
57) 1,3-Dichloropropane	10.74	76	5629	0.684	ug/l #	46
59) 2-Hexanone	10.74	43	75285	18.355	ug/l #	54
76) 1,2,3-Trichloropropane	12.38	75	180699	32.492	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	180699	78.533	ug/l #	10

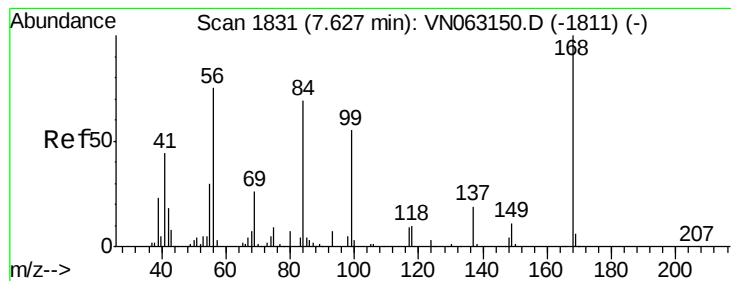
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 01 04:21:28 2020
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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: VN063173.D

Acq: 1 Sep 2020 22:28

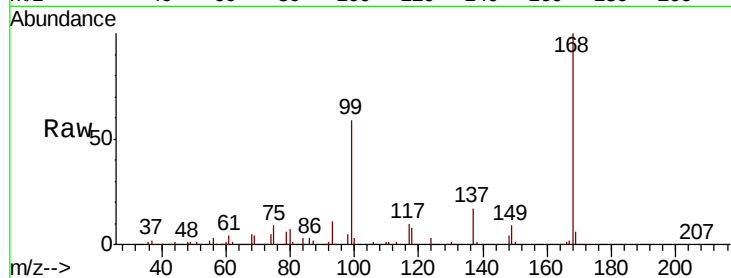
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 358309

Ion Ratio Lower Upper

168 100

99 59.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063173.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063173.D (-1738) (-)

7.63

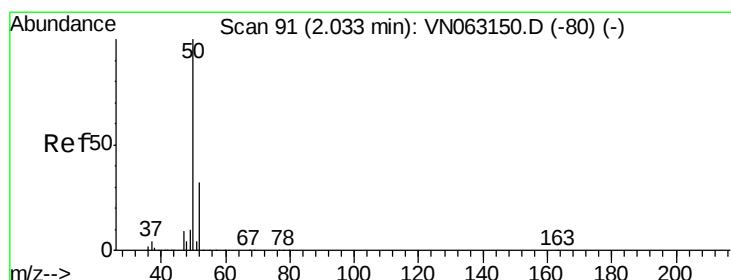
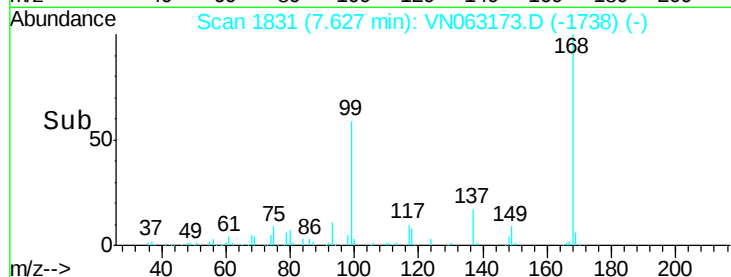
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.477 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063173.D

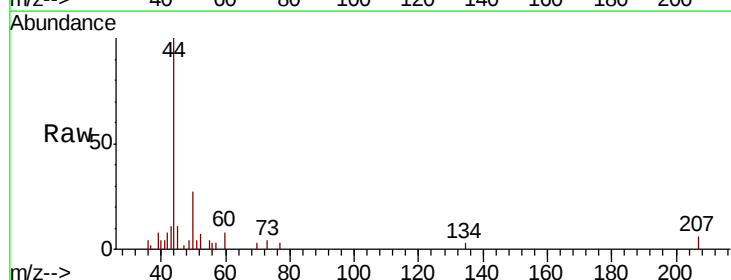
Acq: 1 Sep 2020 22:28

Tgt Ion: 50 Resp: 2451

Ion Ratio Lower Upper

50 100

52 19.4 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN063173.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063173.D (-1) (-)

2.04

2000

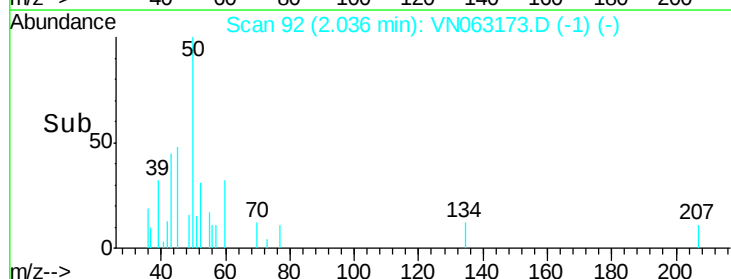
1500

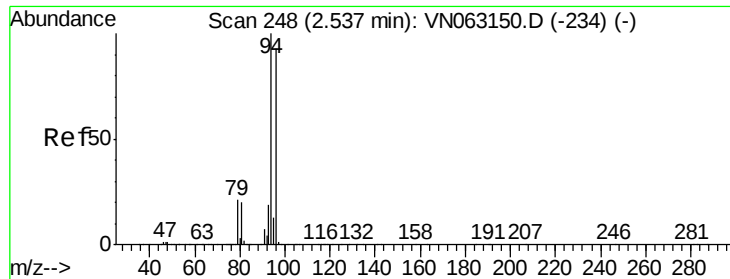
1000

500

0

Time--> 1.98 2.00 2.02 2.04 2.06





#5

Bromomethane

Concen: 0.509 ug/l

RT: 2.56 min Scan# 254

Delta R.T. 0.02 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

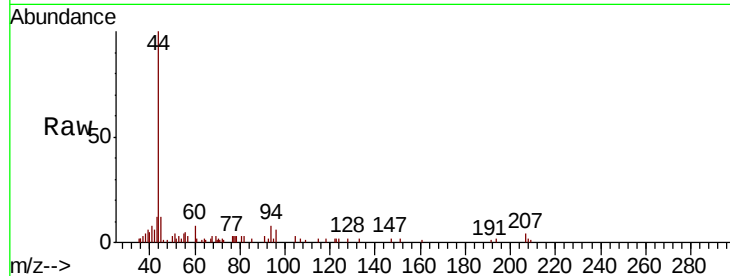
ClientSampleId :

Tot Ion: 94 Resp: 2431

Ion Ratio Lower Upper

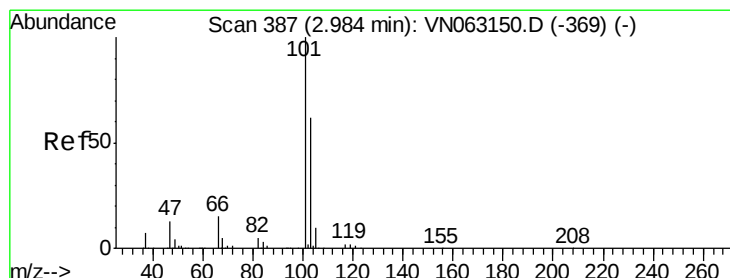
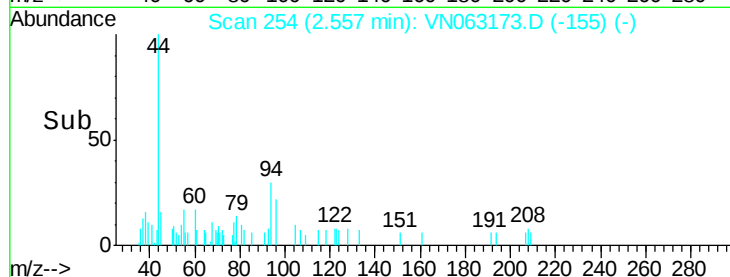
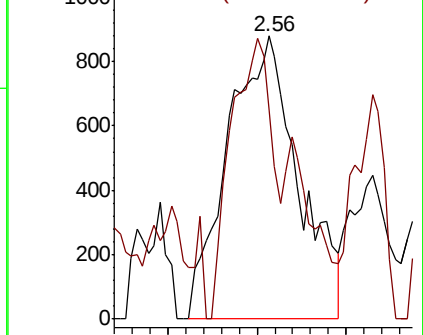
94 100

96 55.8 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: 2.99 min Scan# 390

Delta R.T. 0.01 min

Lab File: VN063173.D

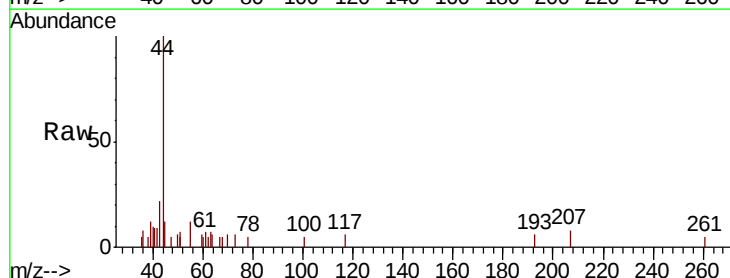
Acq: 1 Sep 2020 22:28

Tgt Ion: 101 Resp: 32

Ion Ratio Lower Upper

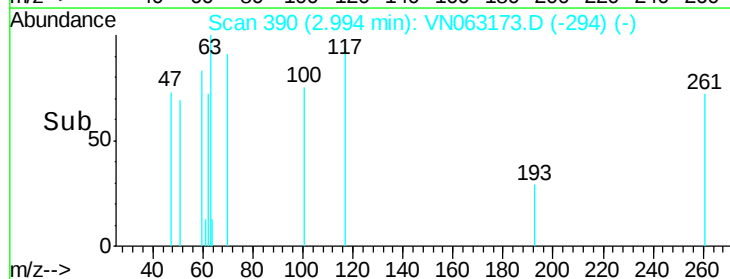
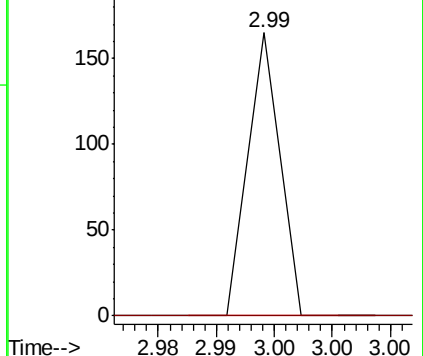
101 100

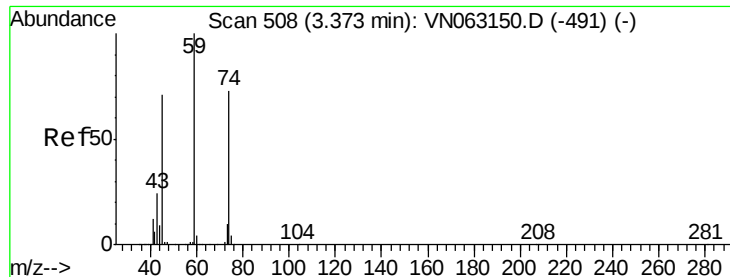
103 0.0 49.7 74.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.154 ug/l

RT: 3.38 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

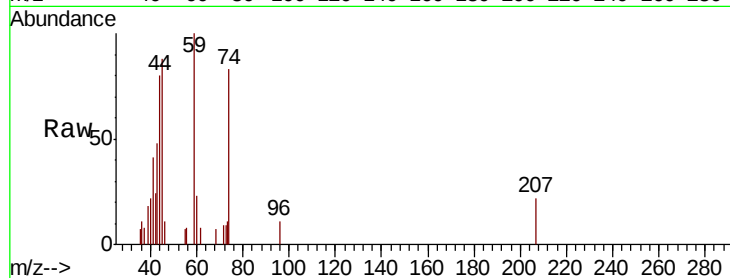
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 74 Resp: 3135

Ion Ratio Lower Upper

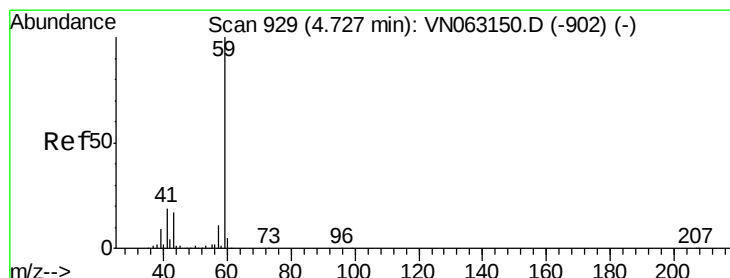
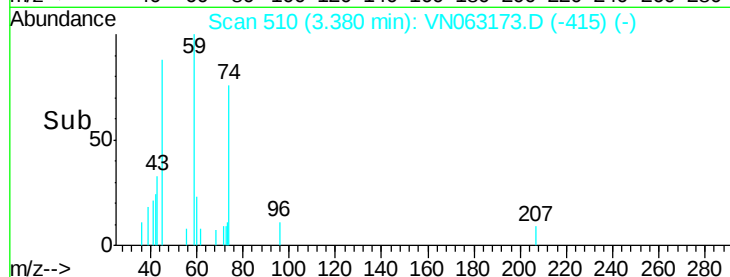
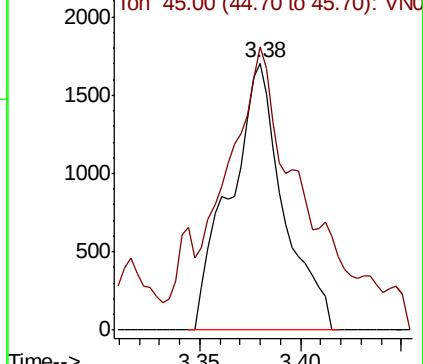
74 100

45 126.1 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VN063173.D (-510) (-)

Ion 45.00 (44.70 to 45.70): VN063173.D (-510) (-)



#11

Tert butyl alcohol

Concen: 4.462 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN063173.D

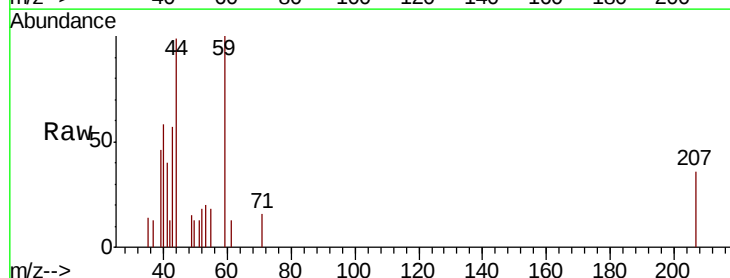
Acq: 1 Sep 2020 22:28

Tgt Ion: 59 Resp: 3208

Ion Ratio Lower Upper

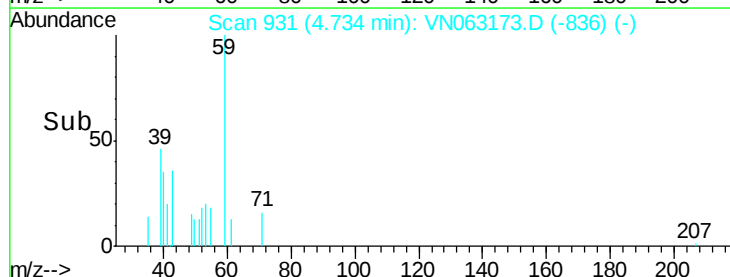
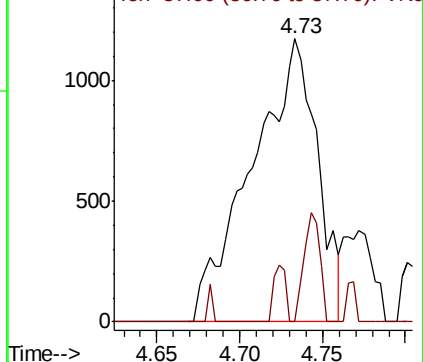
59 100

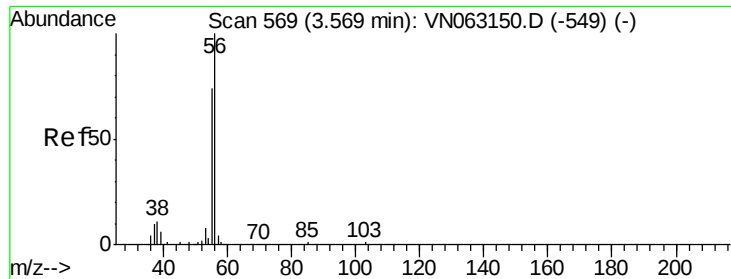
57 9.7 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN063173.D (-931) (-)

Ion 57.00 (56.70 to 57.70): VN063173.D (-931) (-)





#13

Acrolein

Concen: 16.060 ug/l

RT: 3.54 min Scan# 561

Delta R.T. -0.03 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

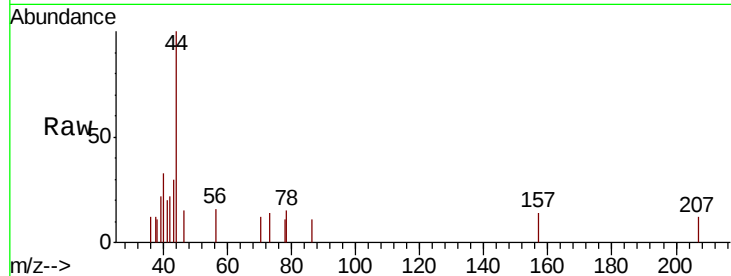
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 85

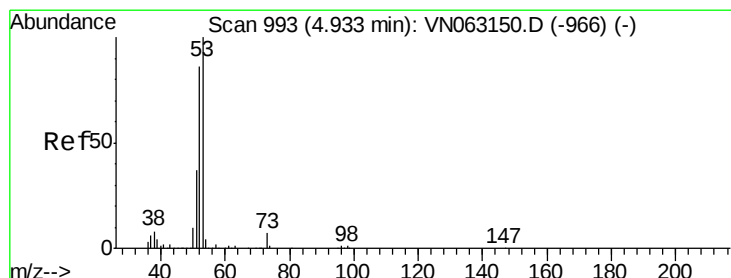
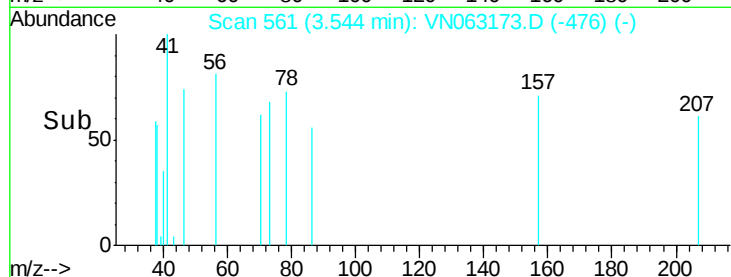
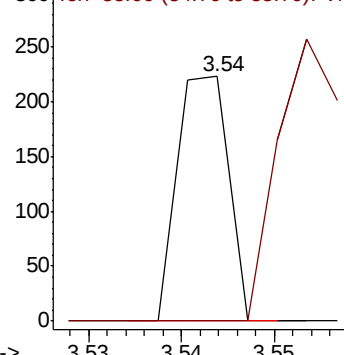
Ion Ratio Lower Upper

56 100

55 141.2 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#15

Acrylonitrile

Concen: 2.464 ug/l

RT: 4.97 min Scan# 1005

Delta R.T. 0.04 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

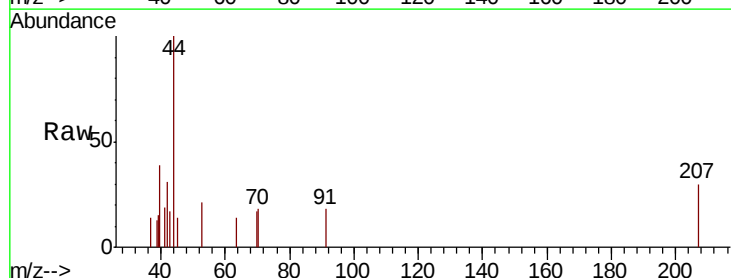
Tgt Ion: 53 Resp: 123

Ion Ratio Lower Upper

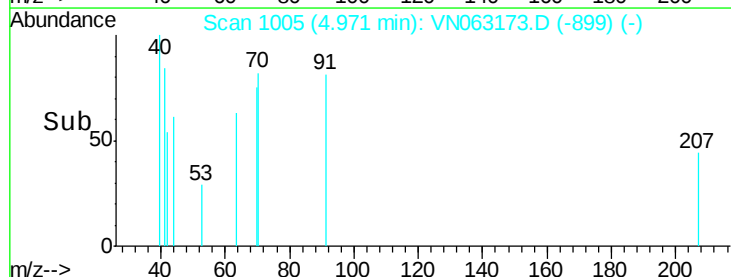
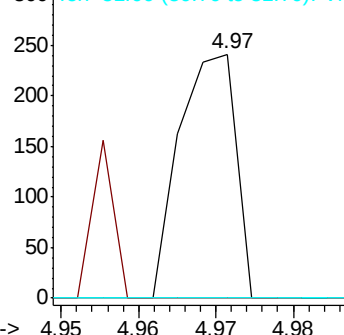
53 100

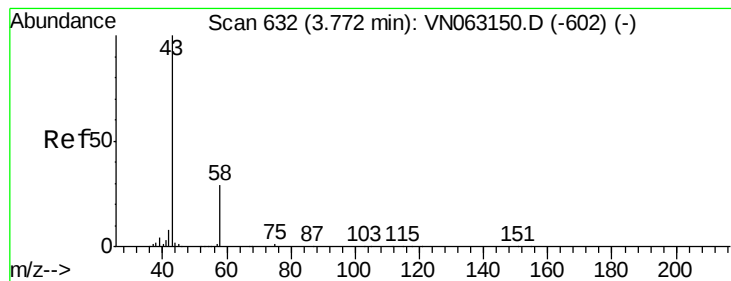
52 24.4 67.2 100.8#

51 0.0 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: 31.617 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

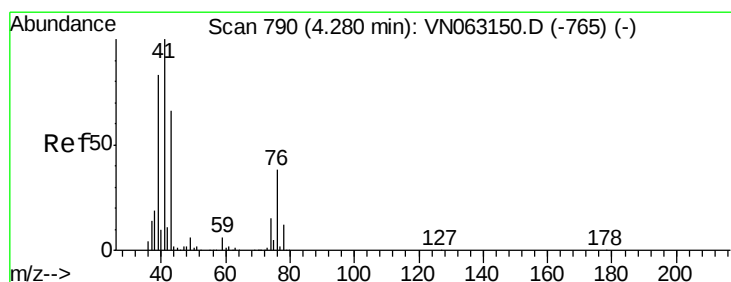
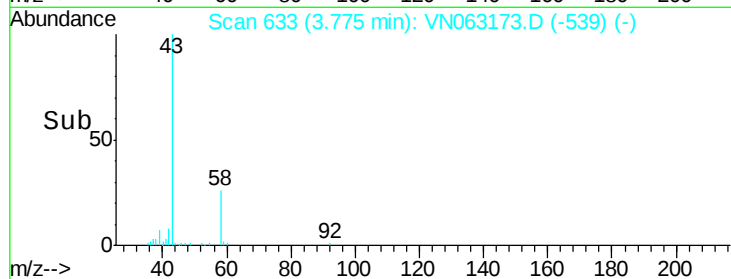
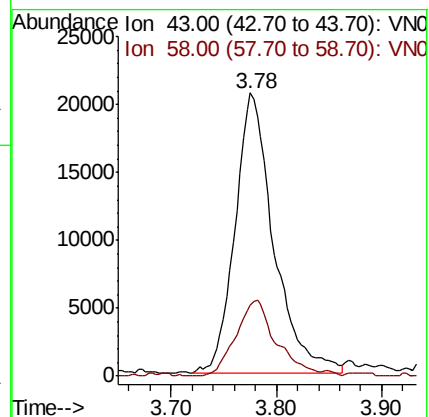
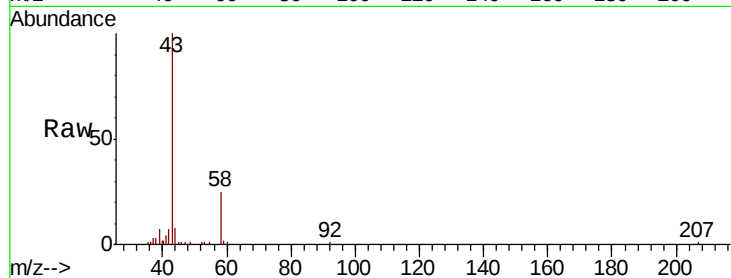
ClientSampled :

Tot Ion: 43 Resp: 52645

Ion Ratio Lower Upper

43 100

58 25.4 23.1 34.7



#18

Methyl Acetate

Concen: 1.723 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063173.D

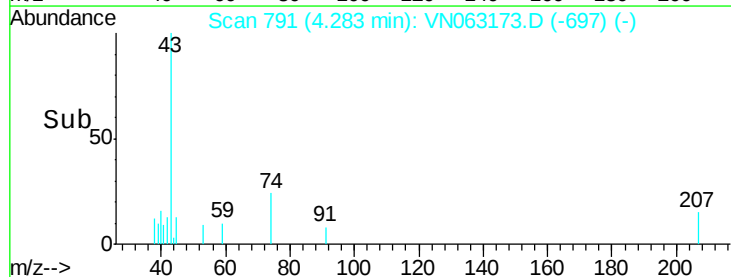
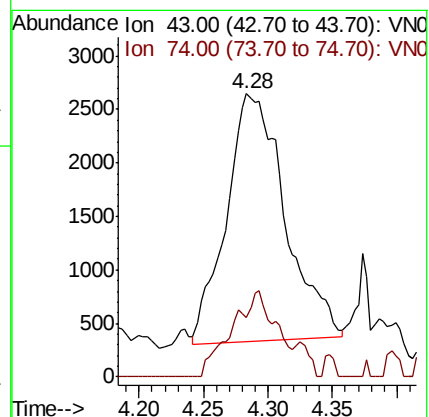
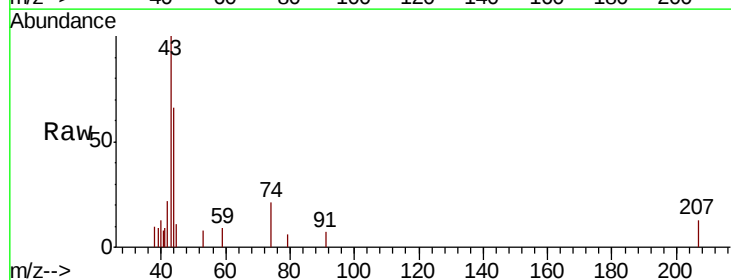
Acq: 1 Sep 2020 22:28

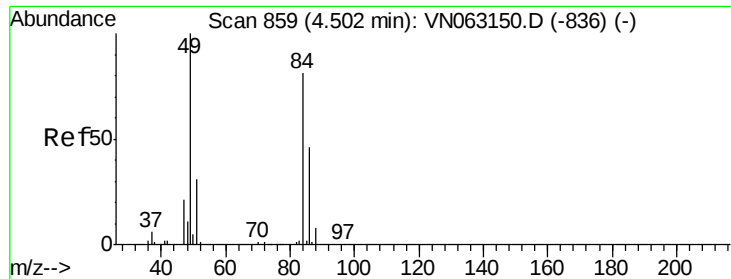
Tgt Ion: 43 Resp: 7358

Ion Ratio Lower Upper

43 100

74 26.3 19.0 28.6

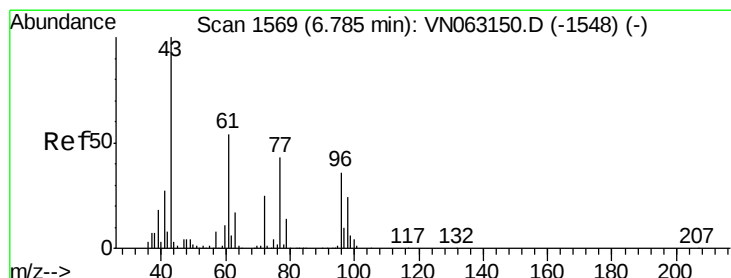
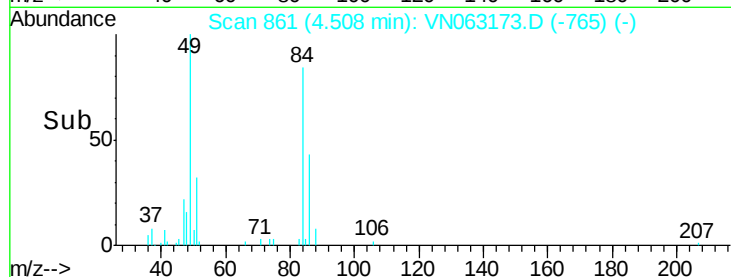
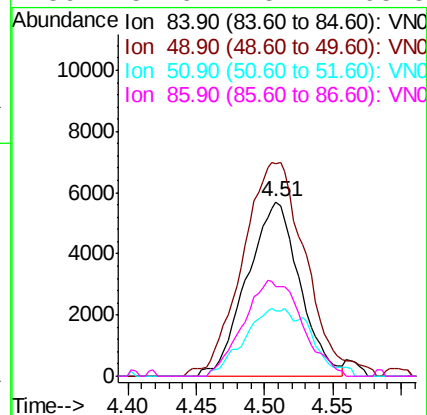
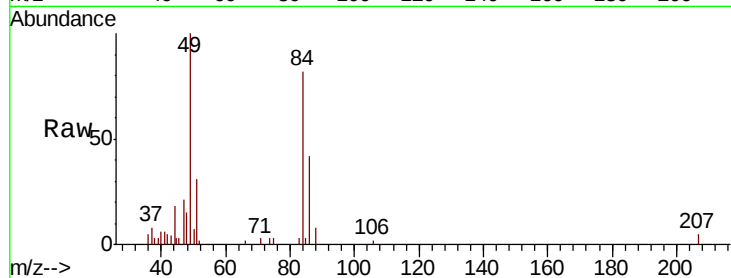




#20
Methvlene Chloride
Concen: 2.810 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

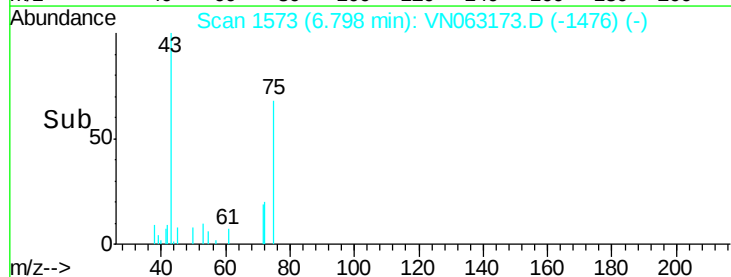
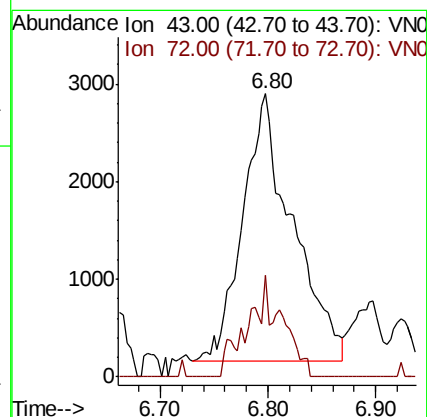
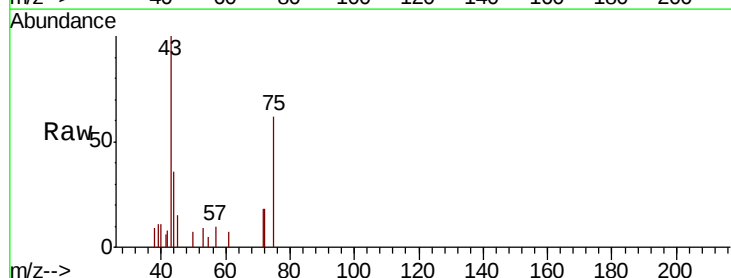
Instrument :
MSVOA_N
ClientSampled :

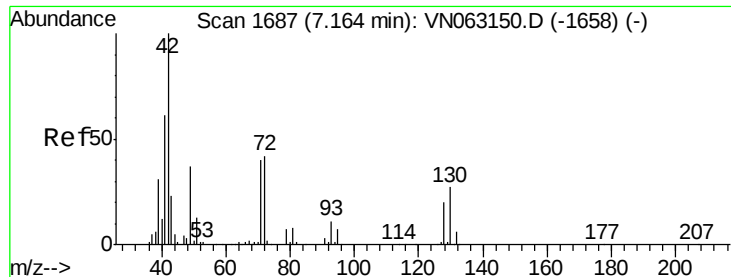
Tot Ion: 84 Resp: 15329
Ion Ratio Lower Upper
84 100
49 116.9 98.4 147.6
51 37.5 30.4 45.6
86 51.6 45.7 68.5



#25
2-Butanone
Concen: 3.354 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

Tgt Ion: 43 Resp: 8646
Ion Ratio Lower Upper
43 100
72 38.2 20.2 30.4#





#29

Tetrahydrofuran

Concen: 0.310 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

ClientSampled :

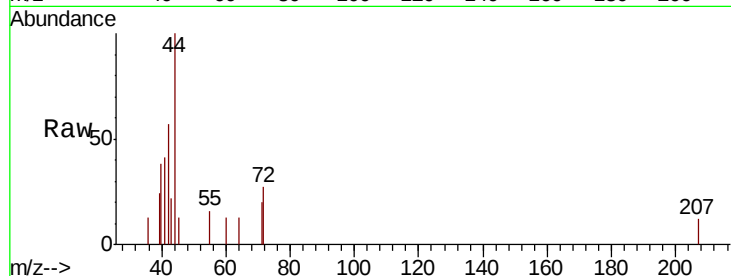
Tot Ion: 42 Resp: 552

Ion Ratio Lower Upper

42 100

72 88.2 33.9 50.9#

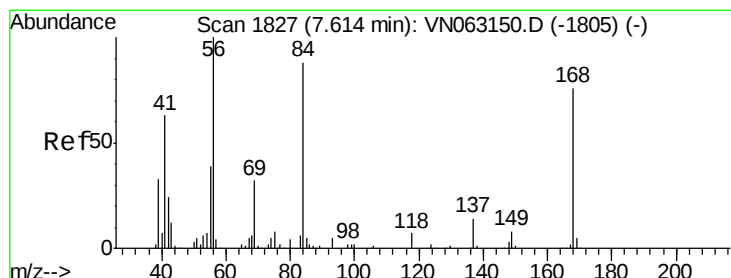
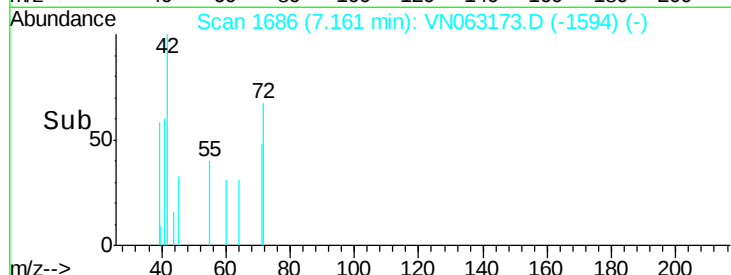
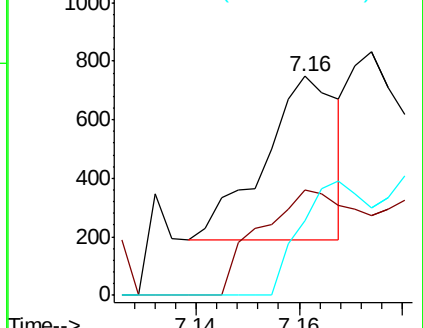
71 64.1 31.9 47.9#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

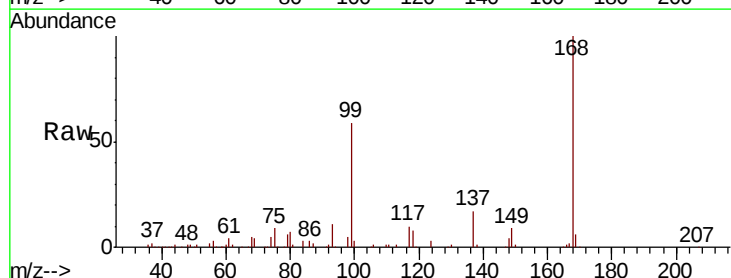
Tgt Ion: 56 Resp: 9415

Ion Ratio Lower Upper

56 100

69 154.2 25.4 38.0#

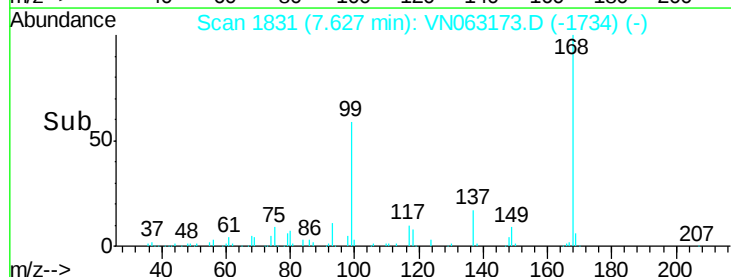
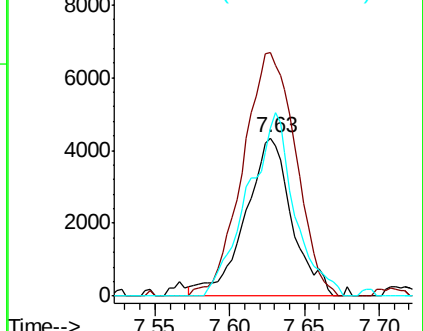
84 106.1 70.2 105.4#

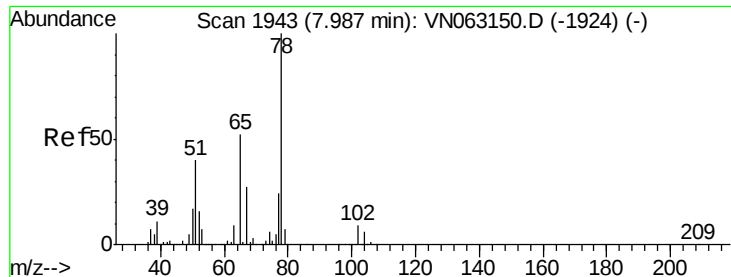


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

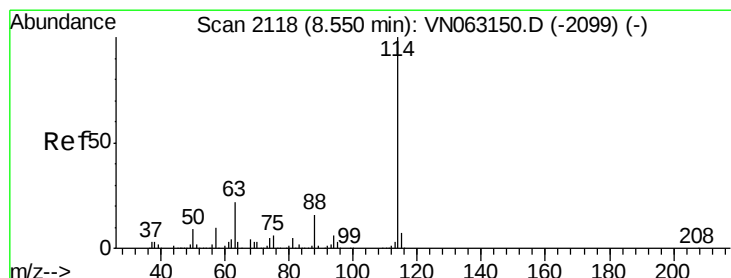
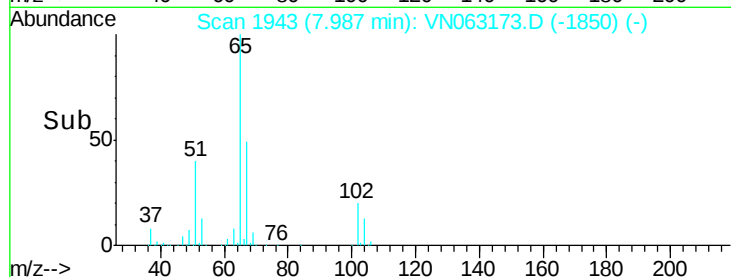
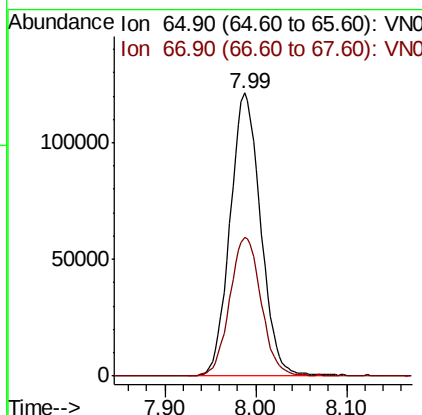
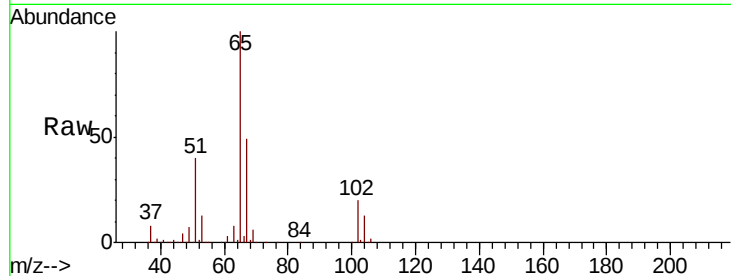




#33
 1,2-Dichloroethane-d4
 Concen: 48.419 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063173.D
 Acq: 1 Sep 2020 22:28

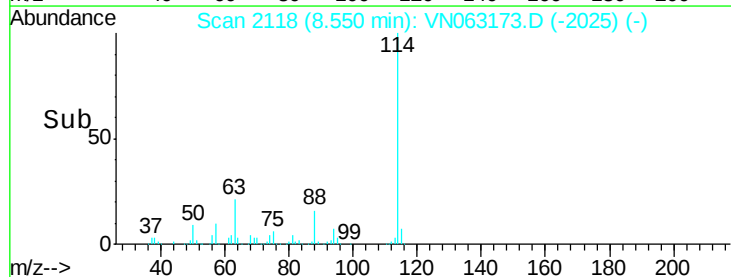
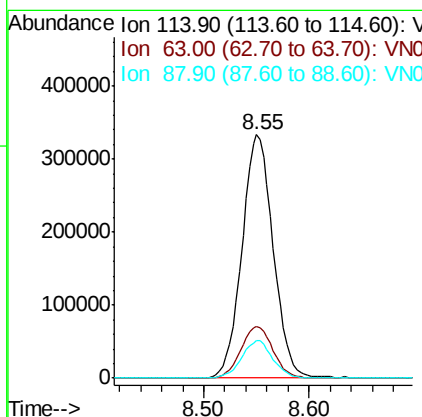
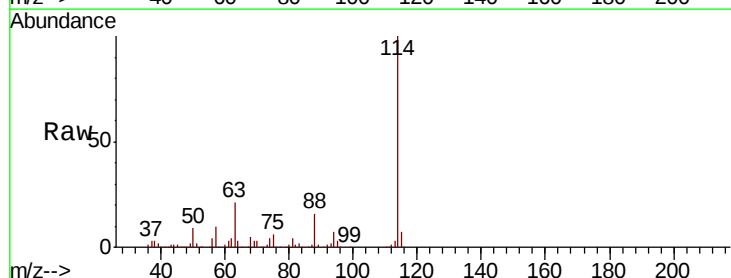
Instrument :
 MSVOA_N
 ClientSampled :

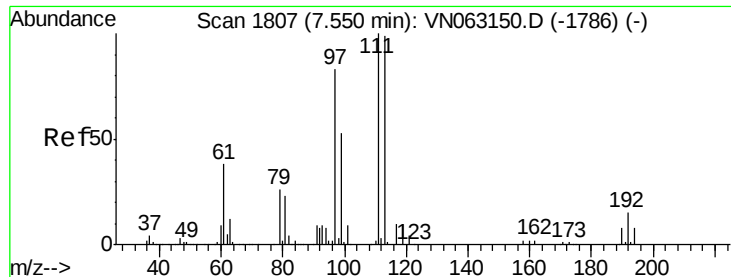
Tot Ion: 65 Resp: 283605
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063173.D
 Acq: 1 Sep 2020 22:28

Tgt Ion: 114 Resp: 685032
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 15.6 0.0 31.6

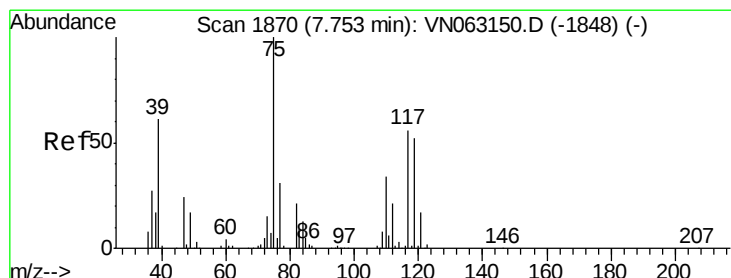
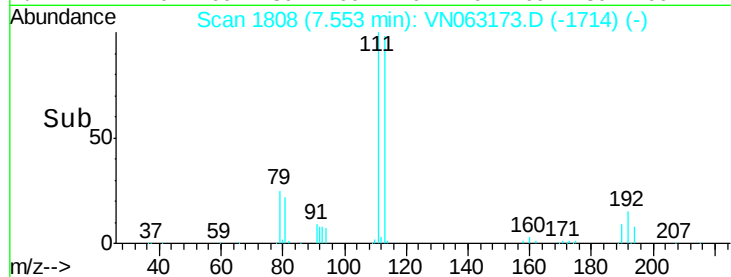
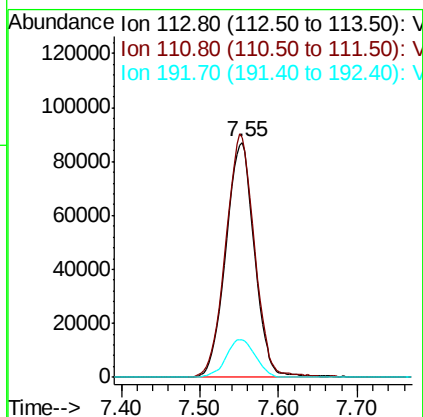
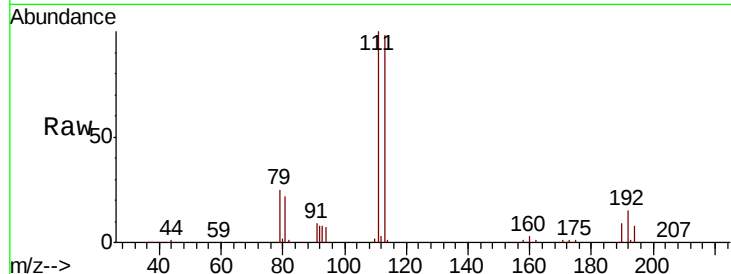




#35
 Dibromofluoromethane
 Concen: 49.715 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063173.D
 Acq: 1 Sep 2020 22:28

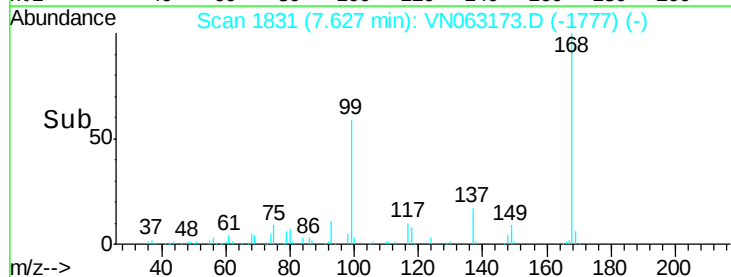
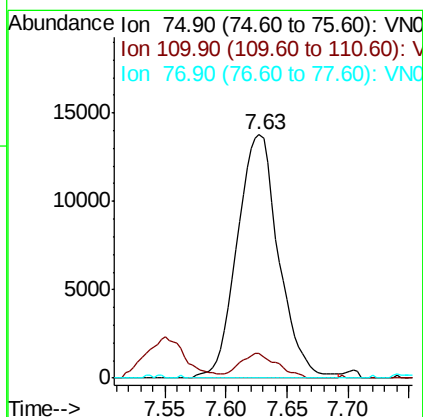
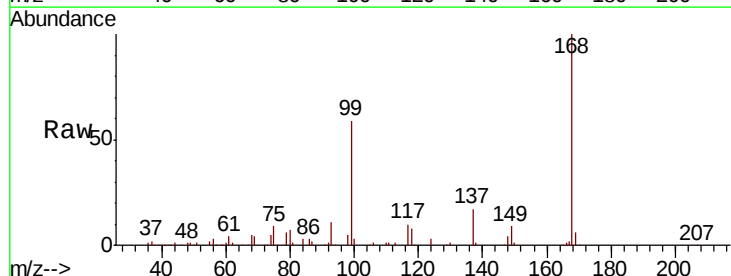
Instrument :
 MSVOA_N
 ClientSampleId :

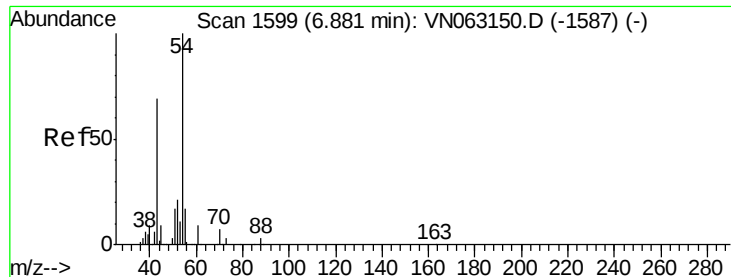
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.7	121.1
192	16.5	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 4.924 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063173.D
 Acq: 1 Sep 2020 22:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.6	49.8#
77	0.0	25.4	38.2#

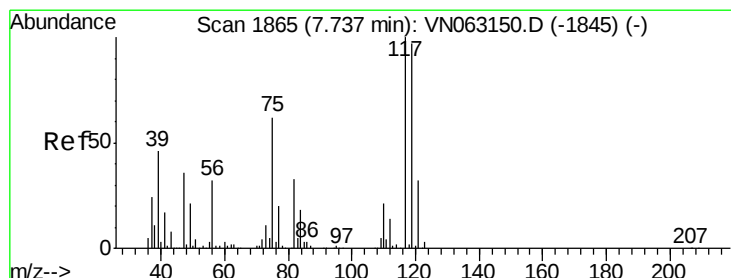
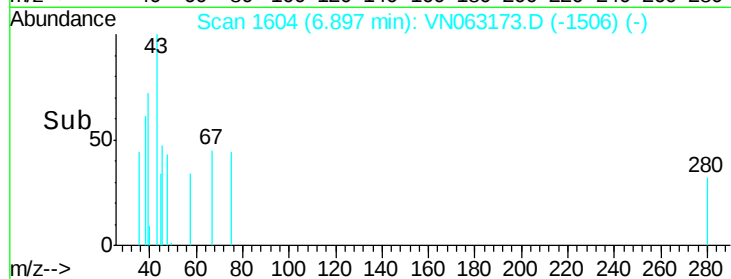
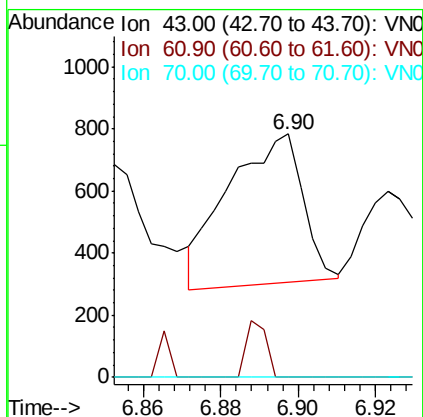
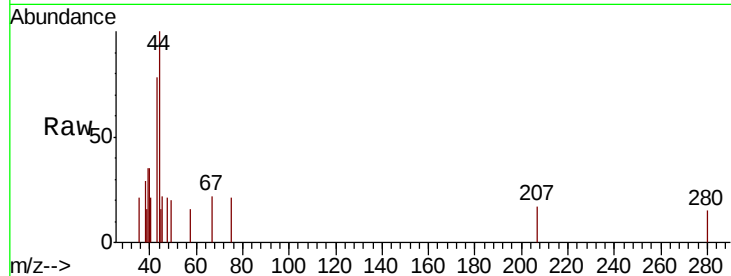




#37
Ethyl Acetate
Concen: 0.483 ug/l
RT: 6.90 min Scan# 1604
Delta R.T. 0.02 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

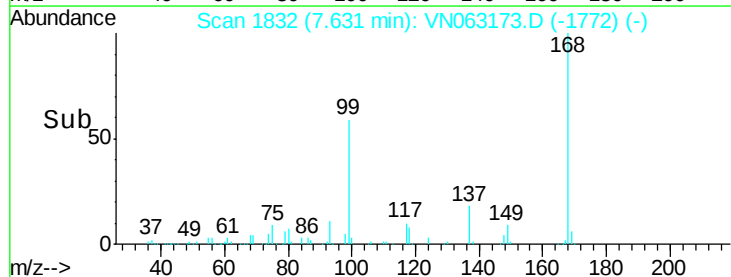
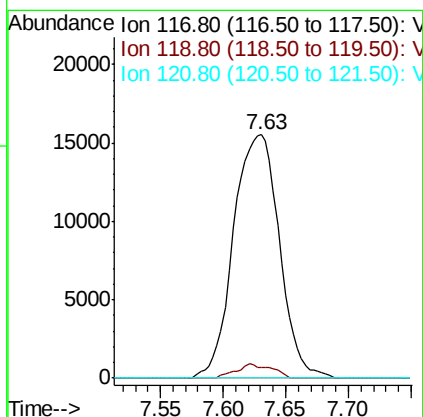
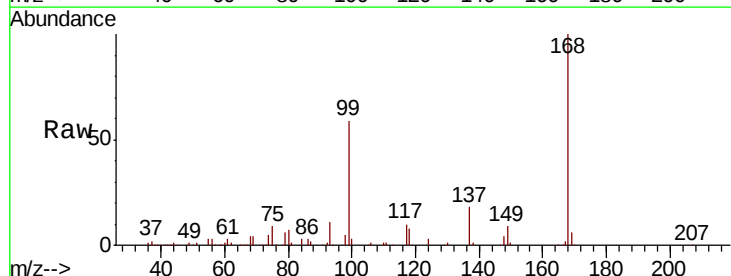
Instrument :
MSVOA_N
ClientSampled :

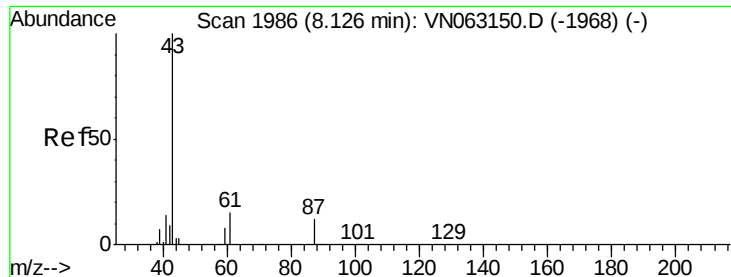
Tot Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
61 10.1 10.2 15.4#
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

Tgt Ion: 117 Resp: 39455
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.6 38.4#

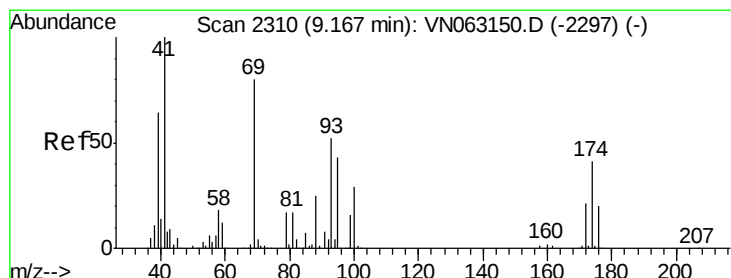
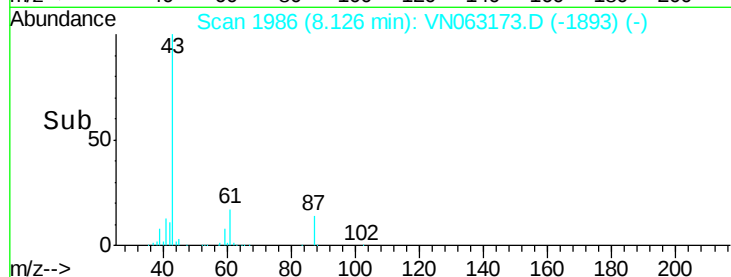
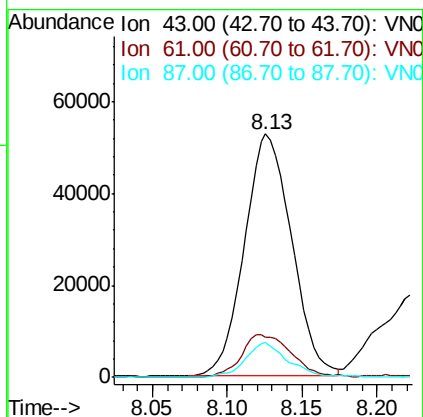
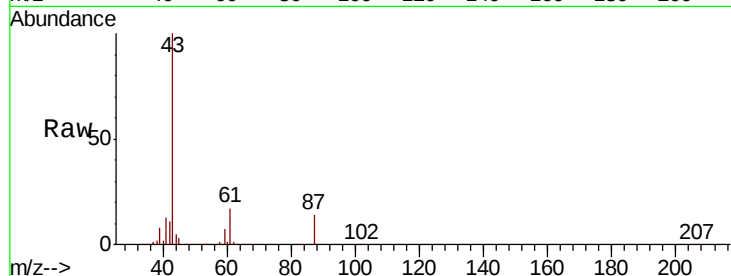




#43
Isopropyl Acetate
Concen: 10.714 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

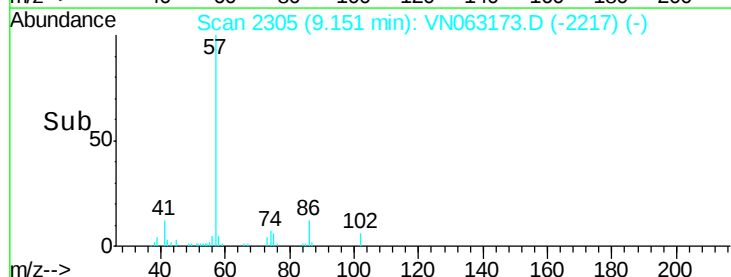
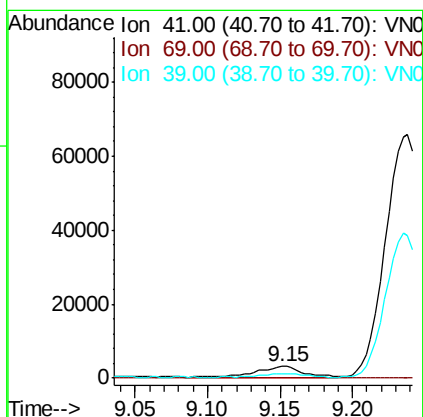
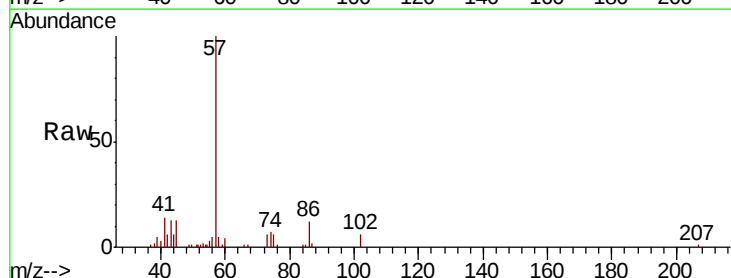
Instrument :
MSVOA_N
ClientSampleId :

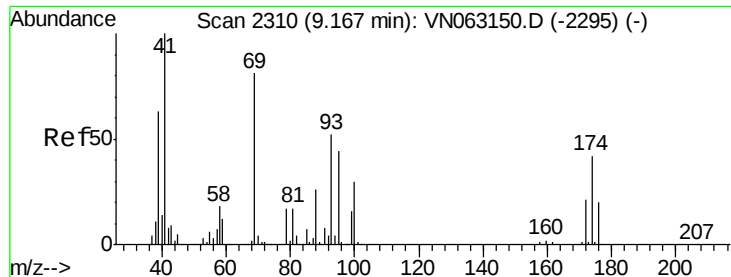
Tot Ion: 43 Resp: 115070
Ion Ratio Lower Upper
43 100
61 18.9 20.2 30.4#
87 13.0 9.8 14.6



#48
Methyl methacrylate
Concen: 1.351 ug/l
RT: 9.15 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

Tgt Ion: 41 Resp: 6543
Ion Ratio Lower Upper
41 100
69 0.5 65.9 98.9#
39 0.0 52.0 78.0#

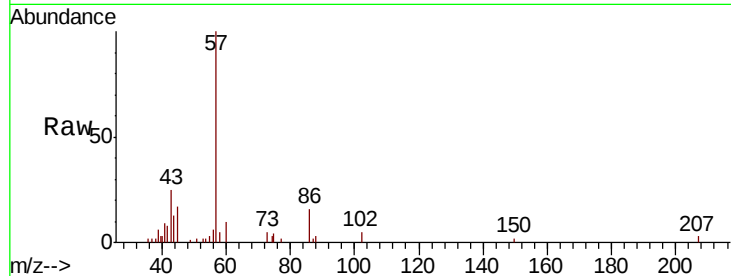




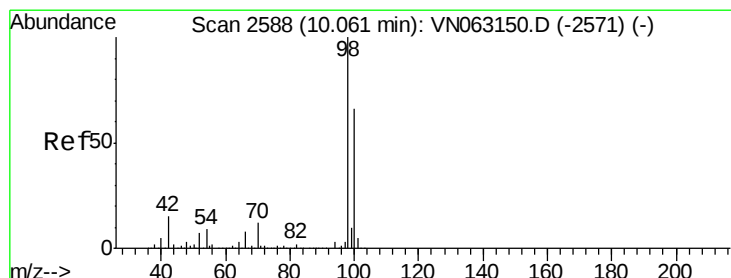
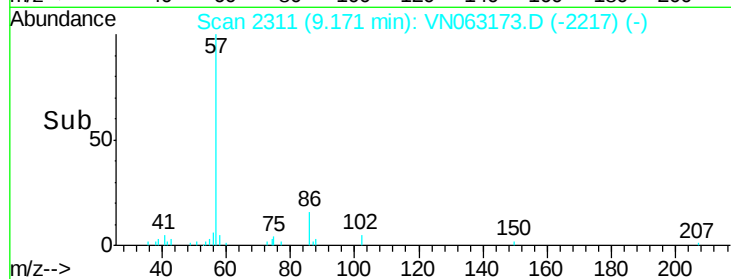
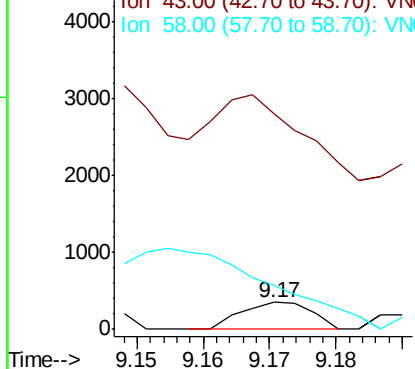
#49
1,4-Dioxane
Concen: 3.445 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 258
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 0.0 53.2 79.8#

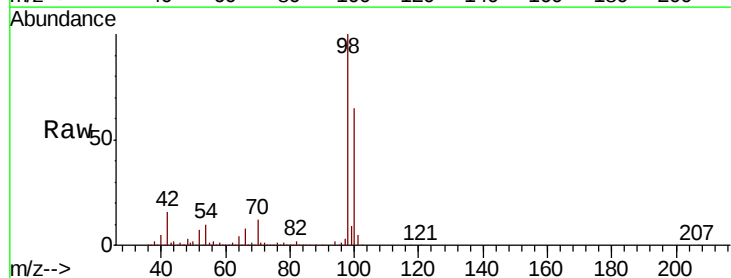


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

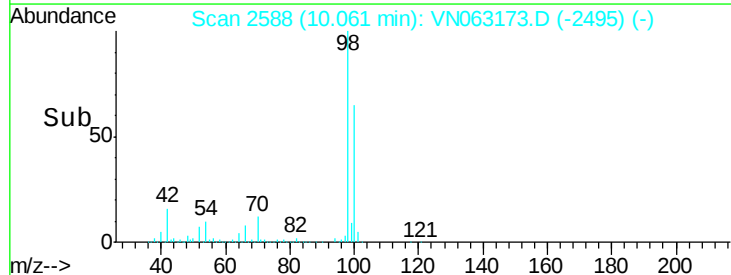
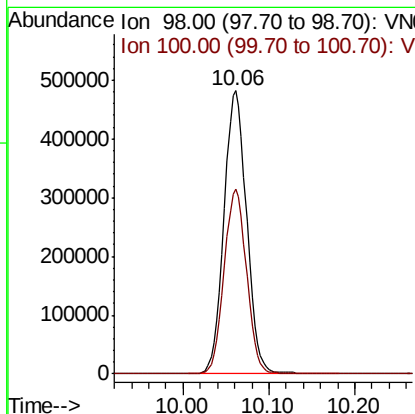


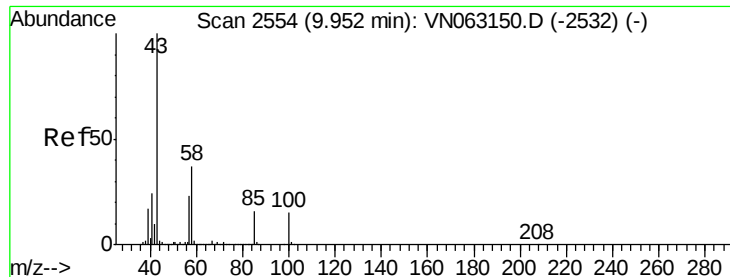
#50
Toluene-d8
Concen: 52.231 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063173.D
Acq: 1 Sep 2020 22:28

Tgt Ion: 98 Resp: 883532
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



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: 2.752 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

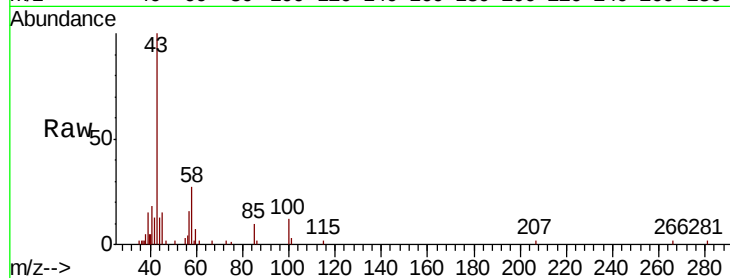
ClientSampleId :

Tot Ion: 43 Resp: 16061

Ion Ratio Lower Upper

43 100

58 35.8 29.2 43.8

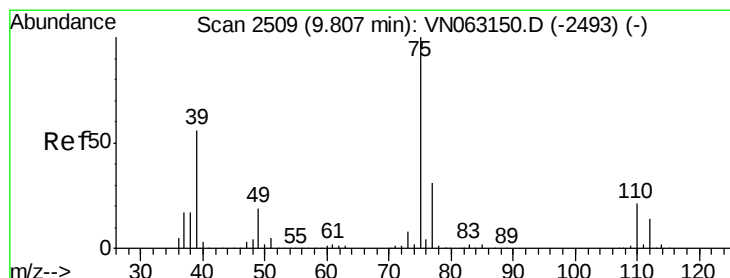
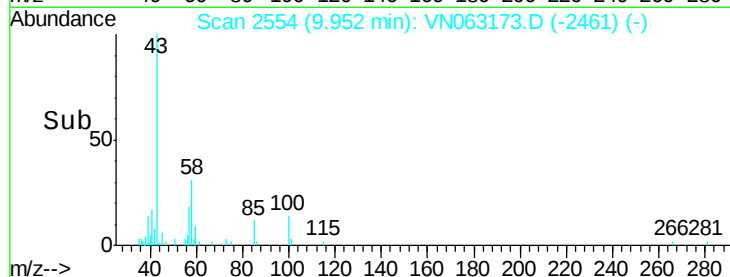


Abundance Ion 43.00 (42.70 to 43.70): VN063173.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN063173.D (-2461) (-)

Time-->

9.90 9.95 10.00



#54

cis-1,3-Dichloropropene

Concen: 6.018 ug/l

RT: 9.87 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

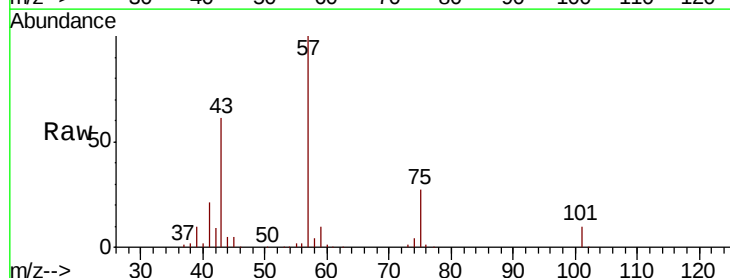
Tgt Ion: 75 Resp: 50294

Ion Ratio Lower Upper

75 100

77 1.3 24.8 37.2#

39 38.6 45.0 67.6#



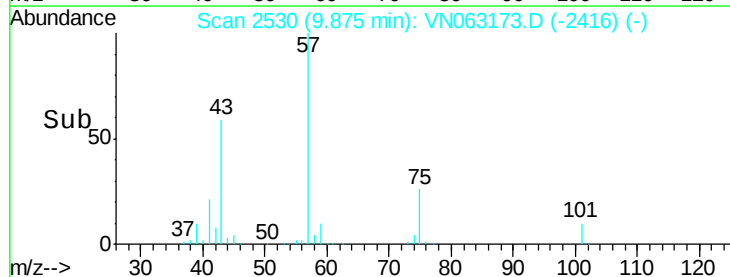
Abundance Ion 74.90 (74.60 to 75.60): VN063173.D (-2416) (-)

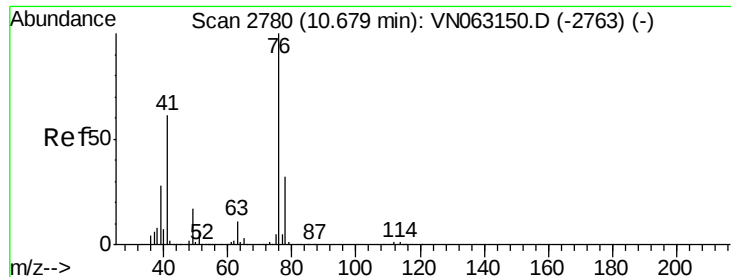
Ion 76.90 (76.60 to 77.60): VN063173.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN063173.D (-2416) (-)

Time-->

9.80 9.85 9.90 9.95

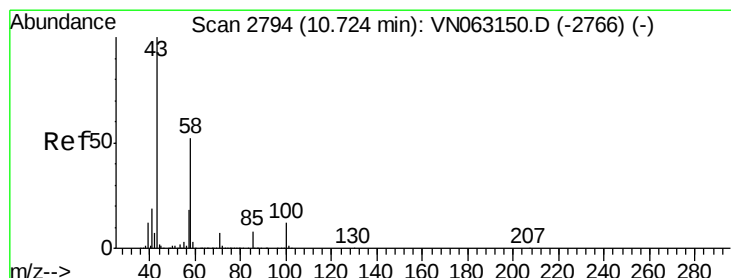
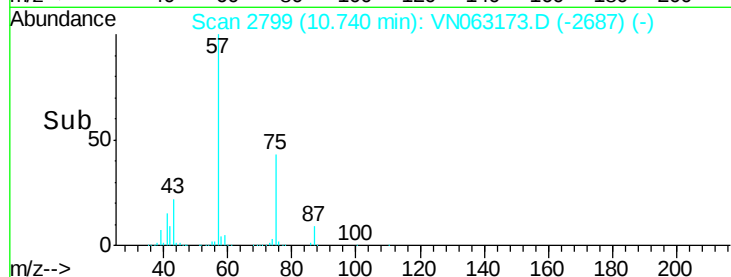
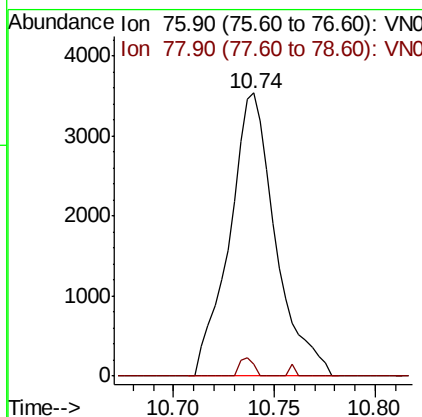
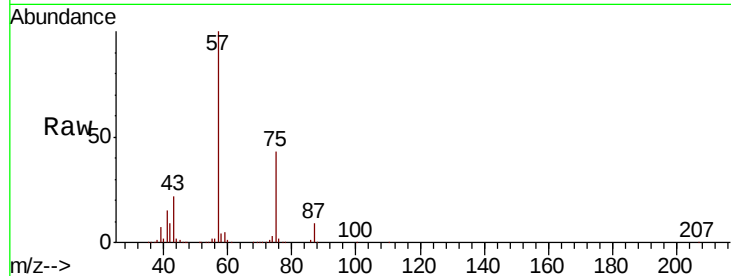




#57
 1,3-Dichloropropane
 Concen: 0.684 ug/l
 RT: 10.74 min Scan# 2799
 Delta R.T. 0.06 min
 Lab File: VN063173.D
 Acq: 1 Sep 2020 22:28

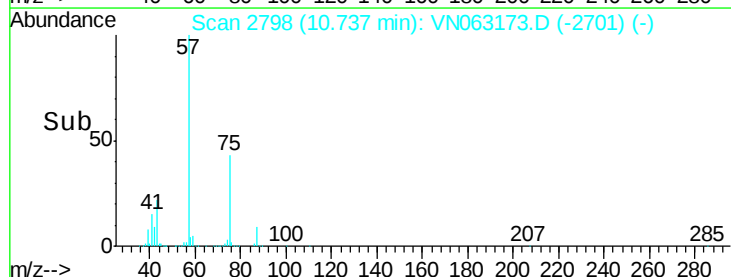
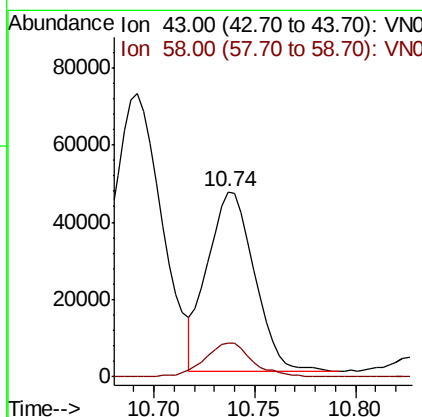
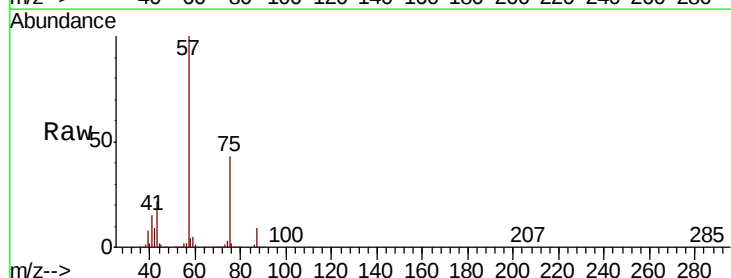
Instrument :
 MSVOA_N
 ClientSampled :

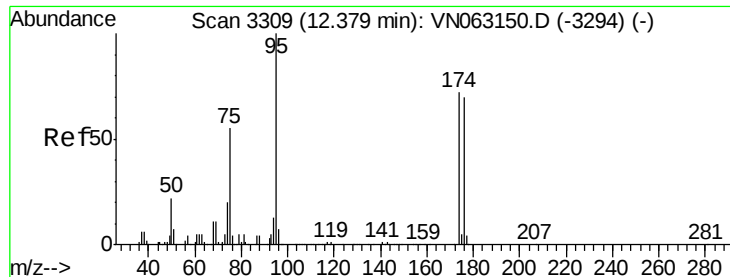
Tot Ion: 76 Resp: 5629
 Ion Ratio Lower Upper
 76 100
 78 2.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 18.355 ug/l
 RT: 10.74 min Scan# 2798
 Delta R.T. 0.01 min
 Lab File: VN063173.D
 Acq: 1 Sep 2020 22:28

Tgt Ion: 43 Resp: 75285
 Ion Ratio Lower Upper
 43 100
 58 19.4 25.9 77.8#





#62

4-Bromofluorobenzene

Concen: 52.956 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

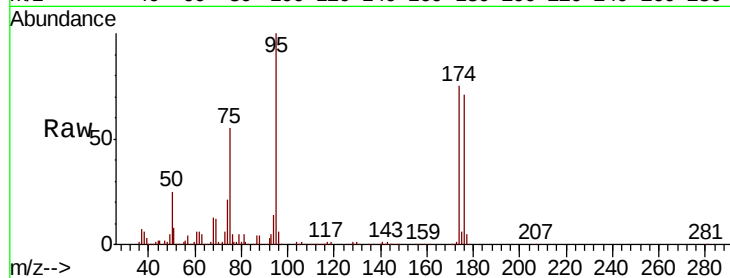
Tot Ion: 95 Resp: 313349

Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.8

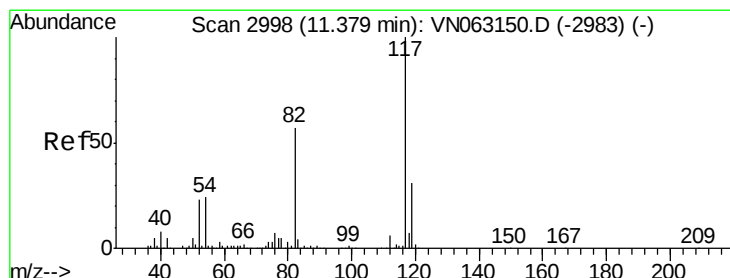
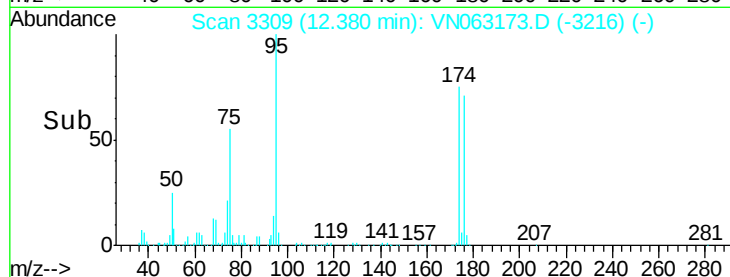
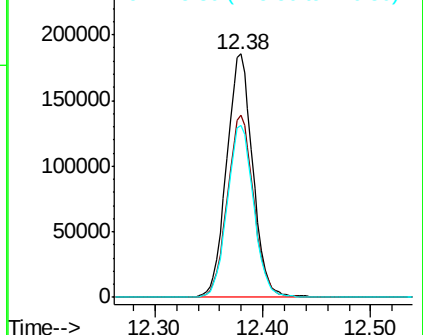
176 71.1 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063173.D (-3216) (-)

Ion 173.80 (173.50 to 174.50): VN063173.D (-3216) (-)

Ion 175.80 (175.50 to 176.50): VN063173.D (-3216) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

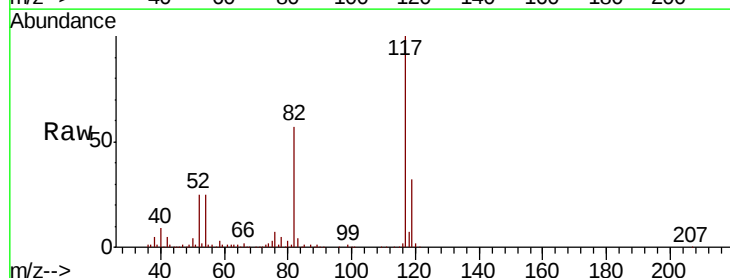
Tgt Ion: 117 Resp: 690557

Ion Ratio Lower Upper

117 100

82 56.9 45.4 68.0

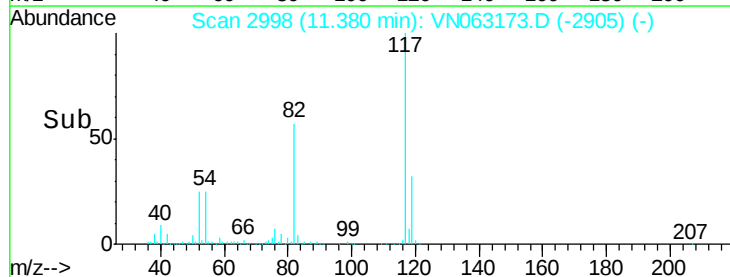
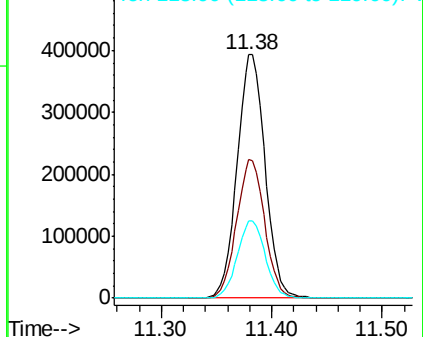
119 31.7 24.6 37.0

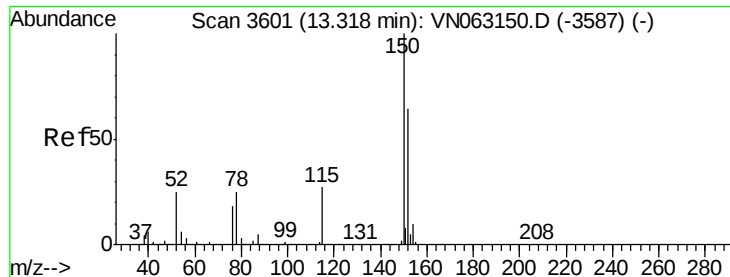


Abundance Ion 116.90 (116.60 to 117.60): VN063173.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063173.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063173.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

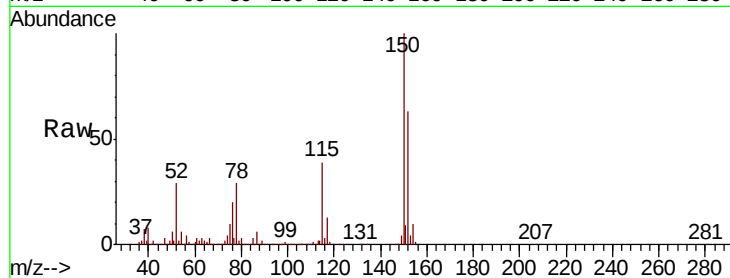
Tot Ion:152 Resp: 283050

Ion Ratio Lower Upper

152 100

115 61.6 32.0 96.2

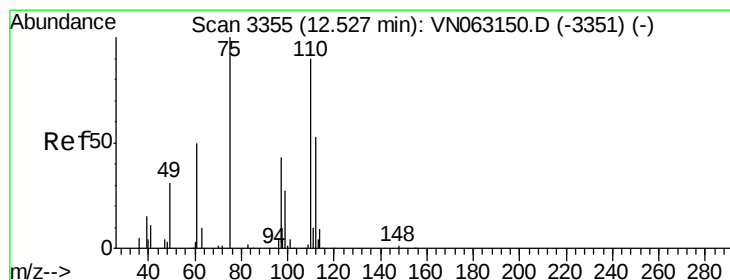
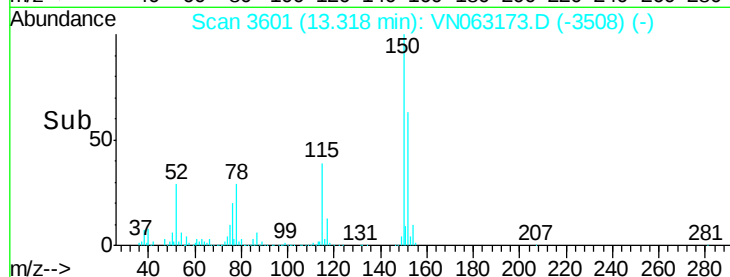
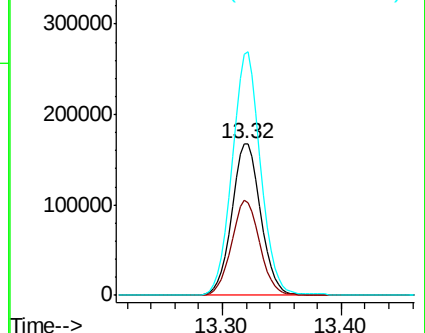
150 156.8 0.0 353.0



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



#76

1,2,3-Trichloropropane

Concen: 32.492 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063173.D

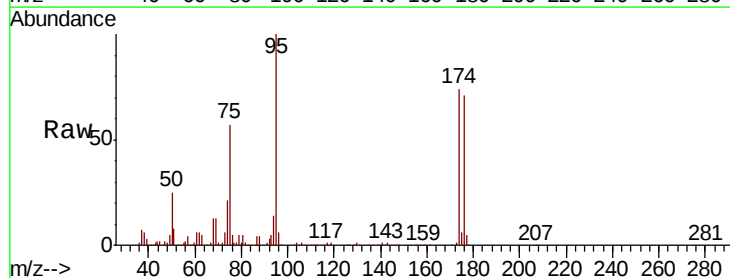
Acq: 1 Sep 2020 22:28

Tgt Ion: 75 Resp: 180699

Ion Ratio Lower Upper

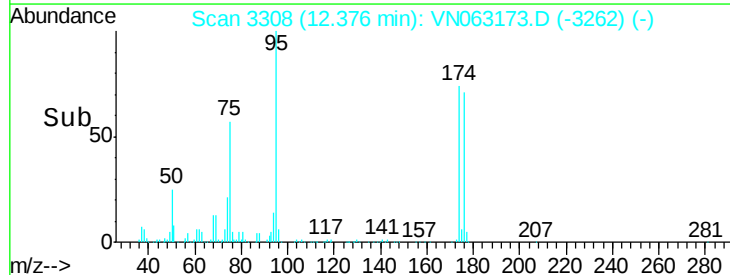
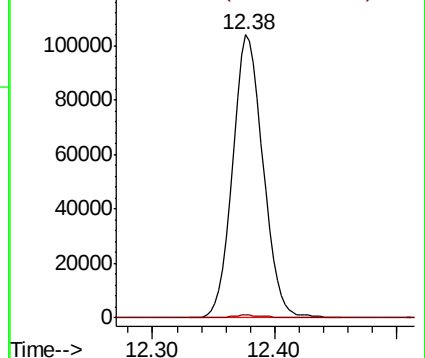
75 100

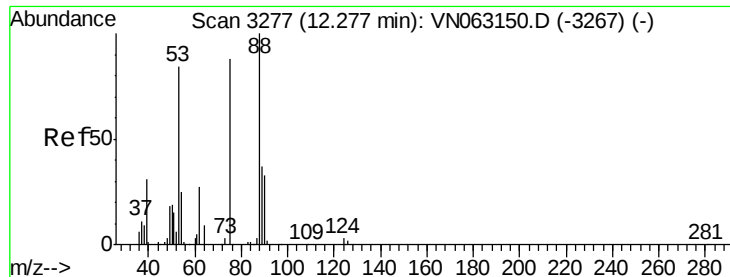
77 1.0 0.0 0.0#



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: 78.533 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063173.D

Acq: 1 Sep 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

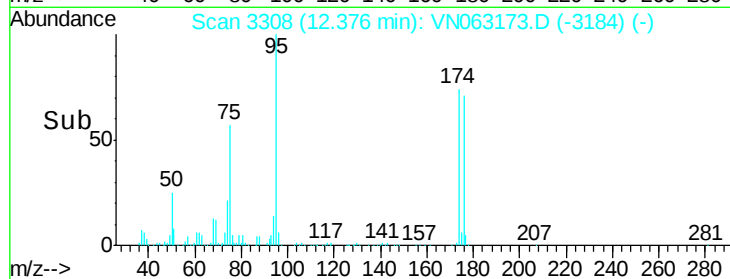
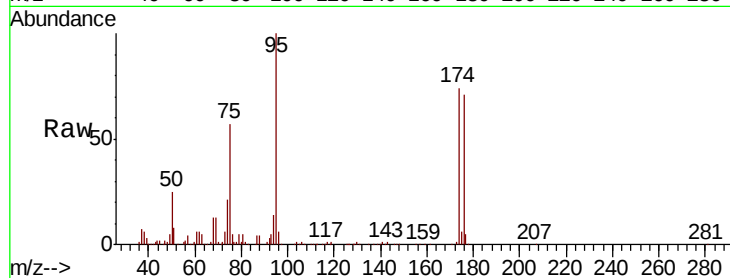
Tot Ion: 75 Resp: 180699

Ion Ratio Lower Upper

75 100

53 0.1 78.7 118.1#

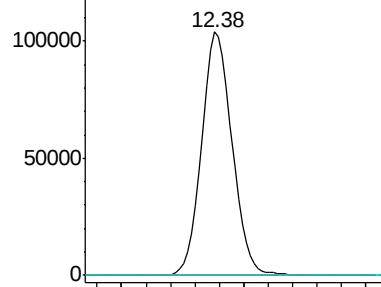
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



Time-->