

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063118.D
 Acq On : 25 Aug 2020 17:51
 Operator : JC/MD
 Sample : L3788-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1794

Quant Time: Aug 26 05:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	98430	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	7.55	113	80589	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
50) Toluene-d8	10.06	98	345375	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.38	95	126990	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	3308	1.503	ug/l	88
5) Bromomethane	2.55	94	257	0.203	ug/l	92
6) Chloroethane	2.68	64	446	0.355	ug/l #	46
10) Methyl Iodide	3.91	142	1978	1.091	ug/l #	82
11) Tert butyl alcohol	4.73	59	822562	3051.793	ug/l	99
13) Acrolein	3.67	56	318	3.766	ug/l #	23
14) Allyl chloride	4.23	41	7518	3.129	ug/l #	28
15) Acrylonitrile	4.74	53	7109	8.974	ug/l #	23
16) Acetone	3.78	43	3812211	6522.892	ug/l	100
17) Carbon Disulfide	4.01	76	3200	0.897	ug/l #	76
18) Methyl Acetate	4.29	43	77422	40.942	ug/l	99
20) Methylene Chloride	4.51	84	1611	Below Cal	#	76
25) 2-Butanone	6.79	43	1195047	1182.932	ug/l	97
26) 2,2-Dichloropropane	6.77	77	1153	0.481	ug/l #	52
29) Tetrahydrofuran	7.17	42	3129	4.799	ug/l #	65
31) Cyclohexane	7.63	56	3541	1.263	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	11661	4.841	ug/l #	49
37) Ethyl Acetate	6.79	43	1195047	529.516	ug/l #	68
38) Carbon Tetrachloride	7.63	117	14879	6.119	ug/l #	17
39) Methylcyclohexane	9.05	83	369	1.672	ug/l #	55
41) Methacrylonitrile	7.15	41	6755	6.282	ug/l #	26
43) Isopropyl Acetate	8.26	43	125927	33.680	ug/l #	53
47) Bromodichloromethane	9.39	83	3746	1.341	ug/l #	1
48) Methyl methacrylate	9.14	41	14107	7.974	ug/l #	38
49) 1,4-Dioxane	9.17	88	70	17.064	ug/l #	23
51) 4-Methyl-2-Pentanone	9.96	43	40978	17.339	ug/l	94
56) Ethyl methacrylate	10.33	69	963	2.046	ug/l #	27
58) 2-Chloroethyl Vinyl ether	9.40	63	1091	13.602	ug/l #	49
59) 2-Hexanone	10.72	43	120438	73.060	ug/l	97
70) Styrene	11.94	104	229	1.958	ug/l #	55
74) N-amyl acetate	12.00	43	104922	35.668	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.48	83	163	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.38	75	61134	26.223	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	61134	72.019	ug/l #	16

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

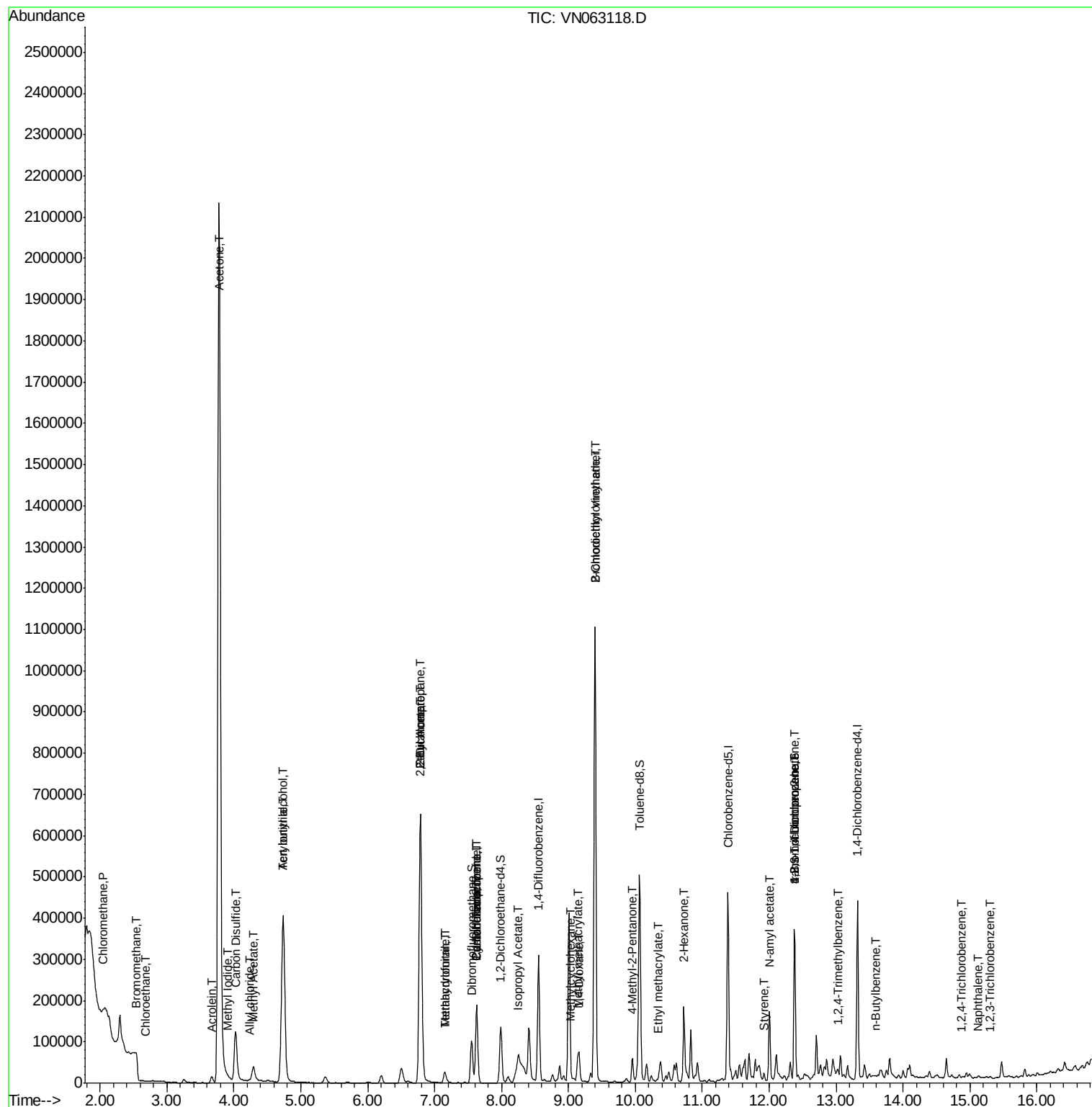
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.03	105	1882	0.285	ug/l #	49
89) n-Butylbenzene	13.59	91	455	2.836	ug/l #	63
93) 1,2,4-Trichlorobenzene	14.88	180	99	4.588	ug/l #	60
95) Naphthalene	15.11	128	1074	5.841	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.29	180	63	3.994	ug/l #	74

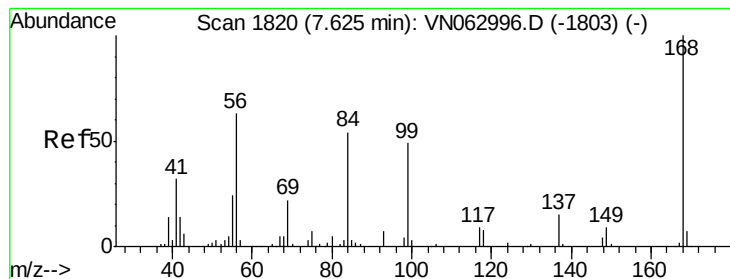
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

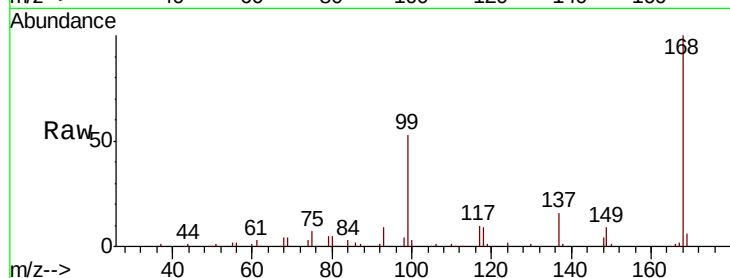
1794

Tot Ion:168 Resp: 160555

Ion Ratio Lower Upper

168 100

99 53.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

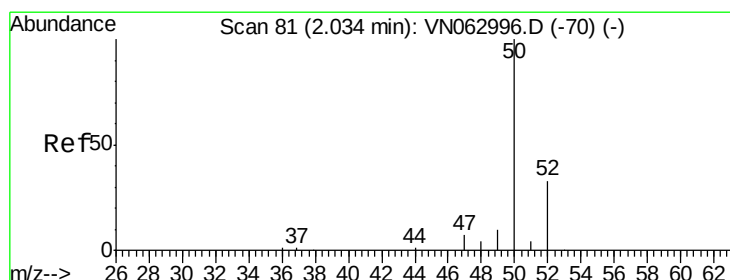
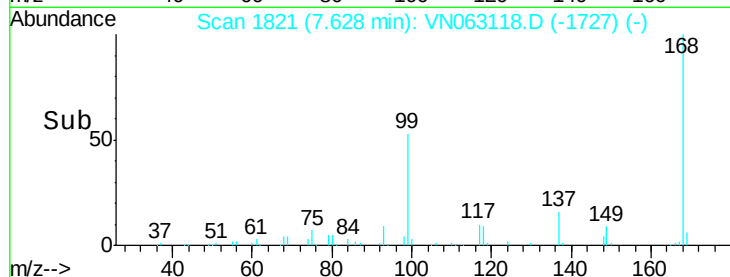
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.503 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063118.D

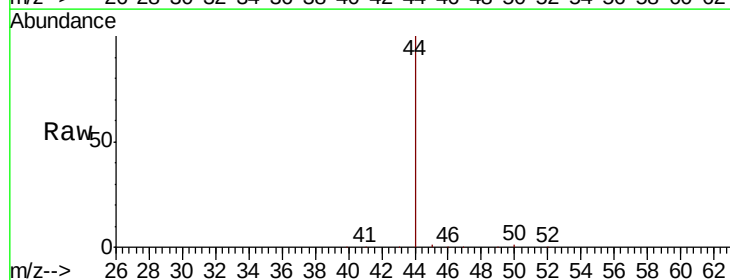
Acq: 25 Aug 2020 17:51

Tgt Ion: 50 Resp: 3308

Ion Ratio Lower Upper

50 100

52 39.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

2000

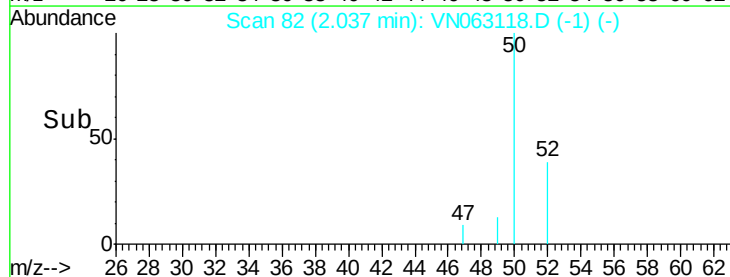
1500

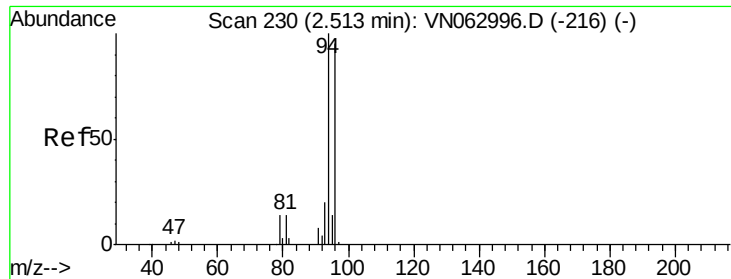
1000

500

0

Time--> 2.00 2.05 2.10

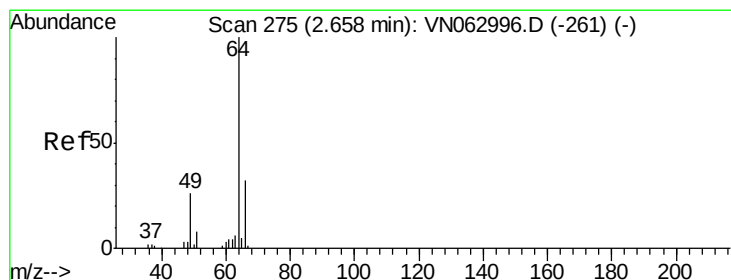
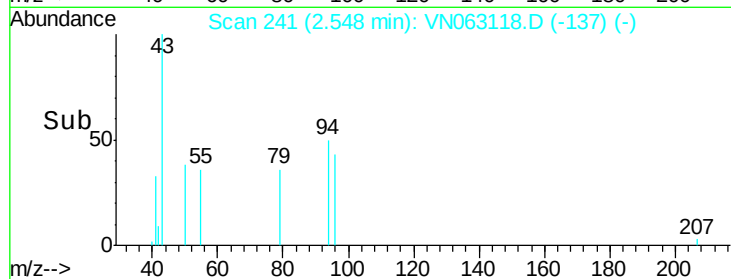
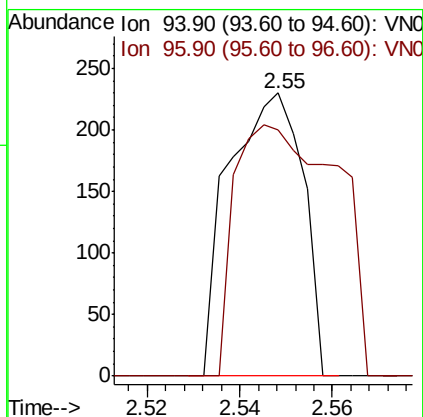
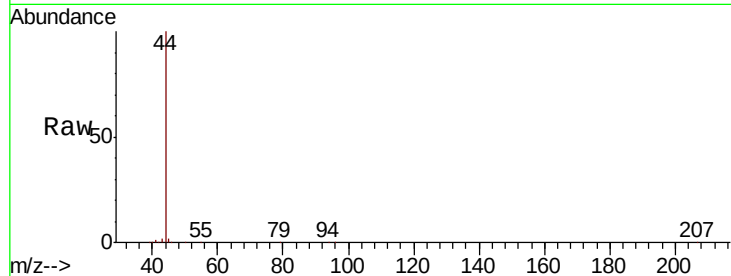




#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.04 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

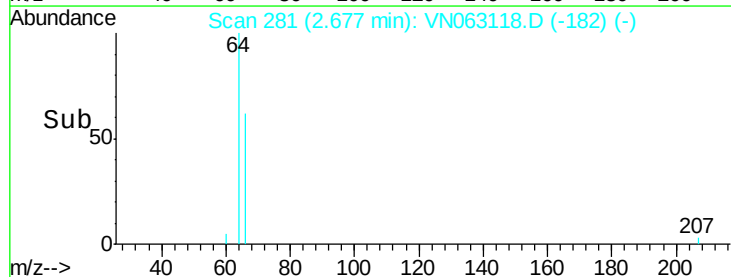
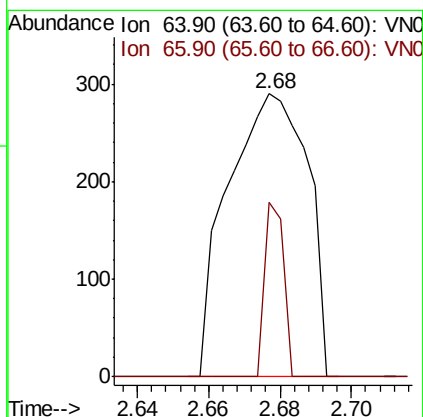
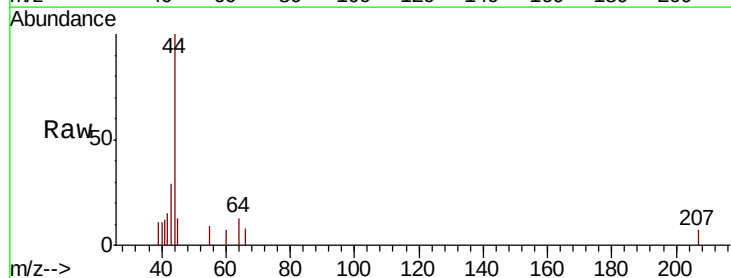
Instrument :
MSVOA_N
ClientSampled :
1794

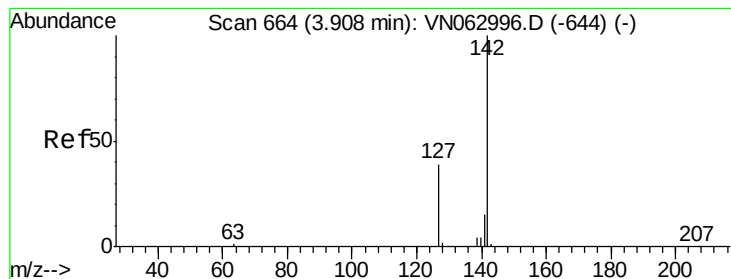
Tot Ion: 94 Resp: 257
Ion Ratio Lower Upper
94 100
96 87.0 75.8 113.8



#6
Chloroethane
Concen: 0.355 ug/l
RT: 2.68 min Scan# 281
Delta R.T. 0.02 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 61.7 25.4 38.0#





#10

Methvl Iodide

Concen: 1.091 ug/l

RT: 3.91 min Scan# 666

Delta R.T. 0.01 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

1794

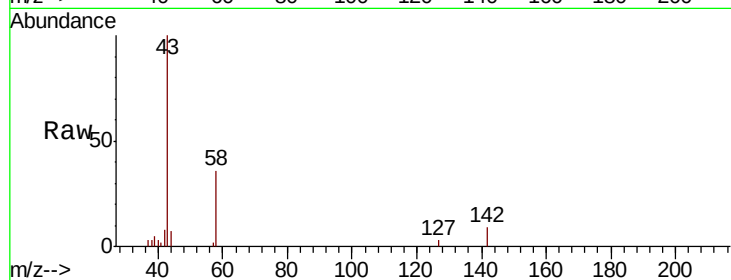
Tot Ion:142 Resp: 1978

Ion Ratio Lower Upper

142 100

127 31.6 32.2 48.4#

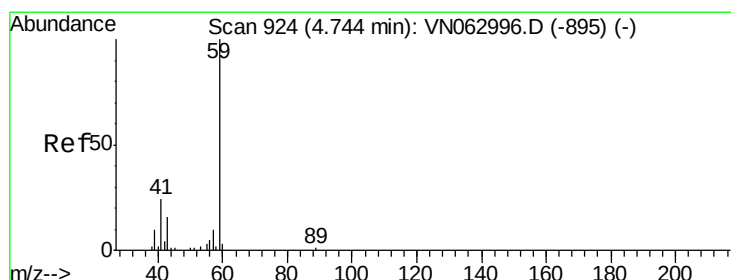
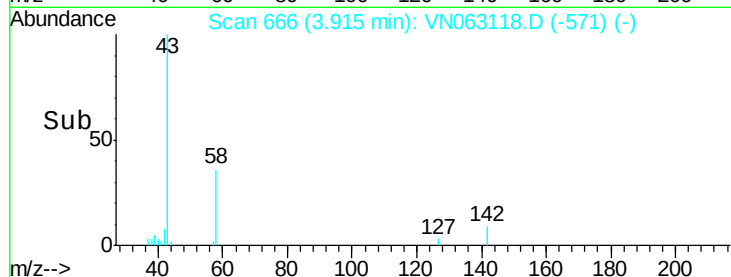
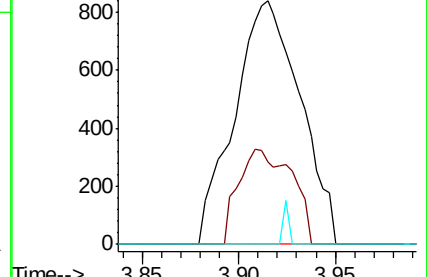
141 1.5 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 3051.793 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063118.D

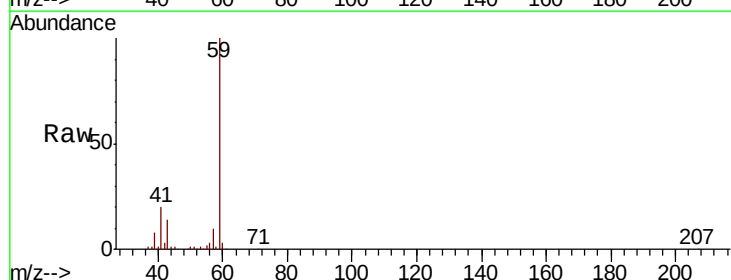
Acq: 25 Aug 2020 17:51

Tgt Ion: 59 Resp: 822562

Ion Ratio Lower Upper

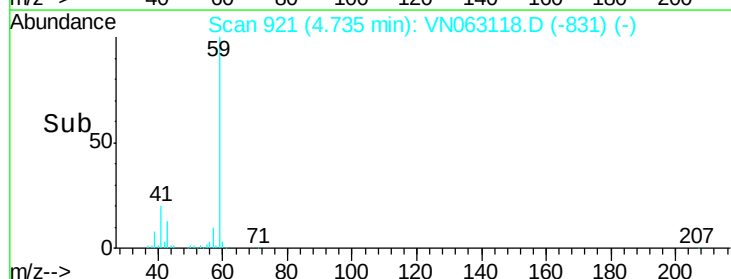
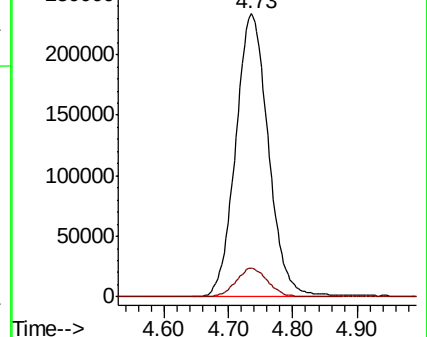
59 100

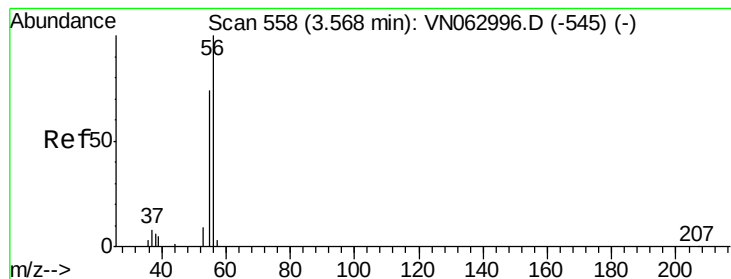
57 9.9 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 3.766 ug/l

RT: 3.67 min Scan# 589

Delta R.T. 0.10 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

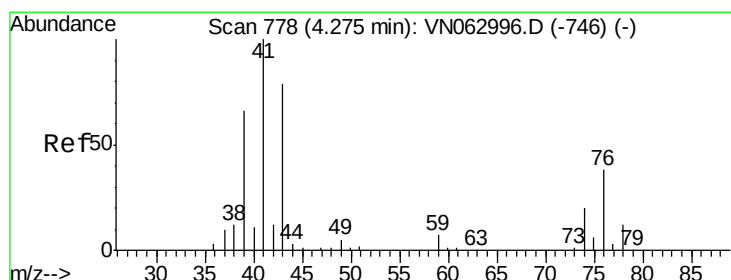
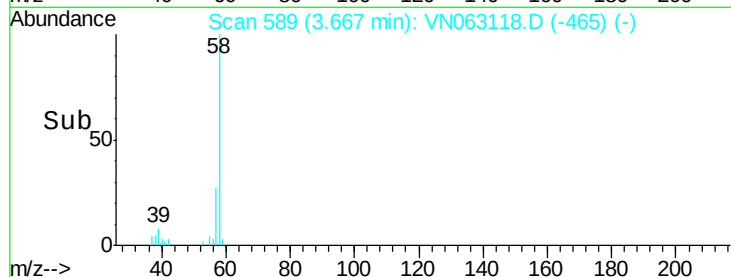
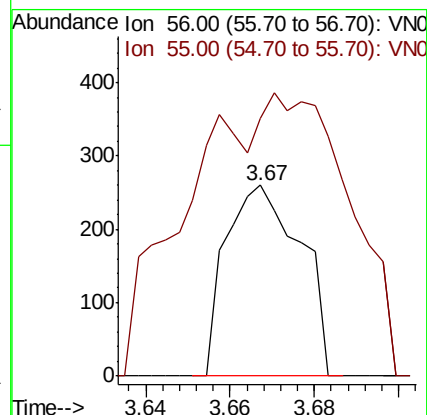
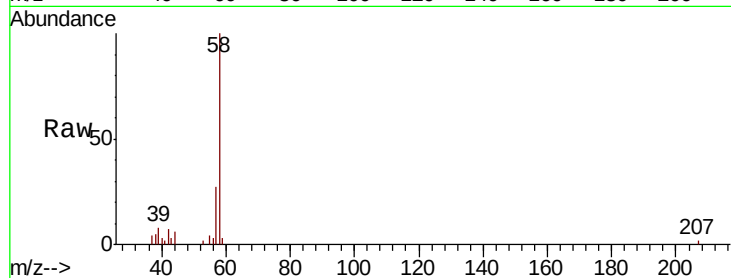
1794

Tot Ion: 56 Resp: 318

Ion Ratio Lower Upper

56 100

55 137.7 58.4 87.6#



#14

Allyl chloride

Concen: 3.129 ug/l

RT: 4.23 min Scan# 765

Delta R.T. -0.04 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

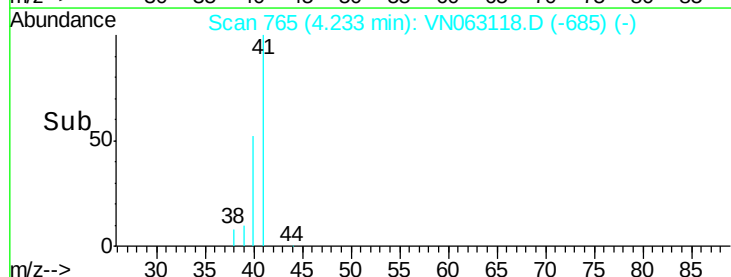
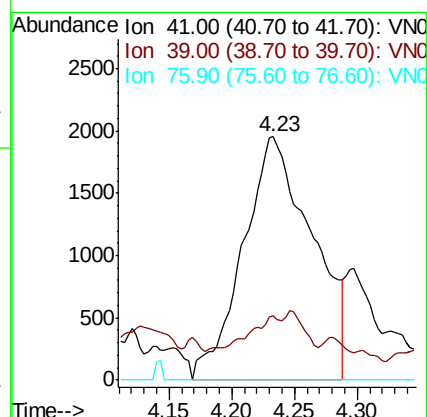
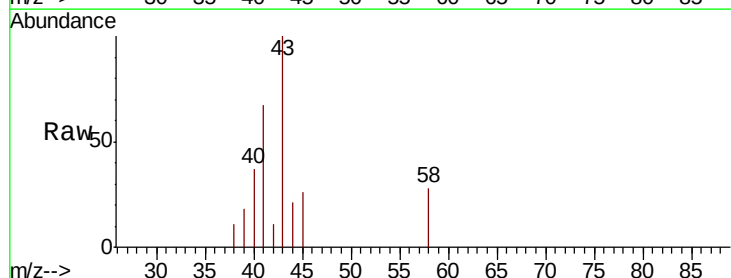
Tgt Ion: 41 Resp: 7518

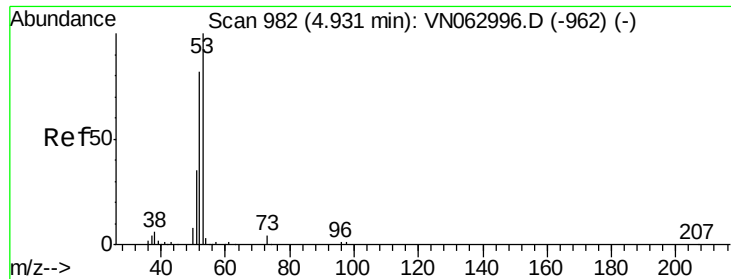
Ion Ratio Lower Upper

41 100

39 0.0 47.9 71.9#

76 0.0 27.0 40.6#





#15

Acrylonitrile

Concen: 8.974 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.19 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794

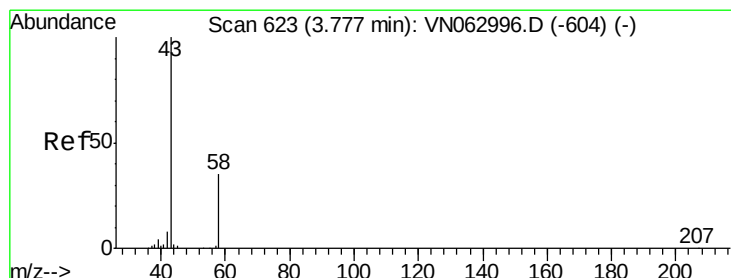
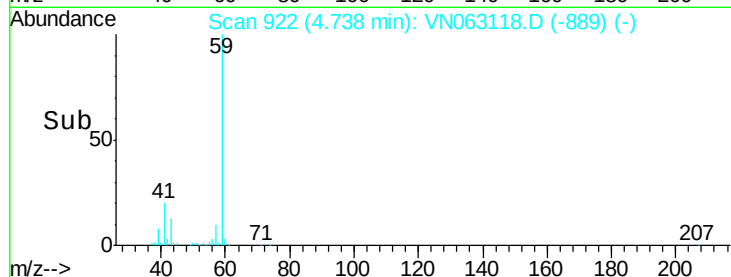
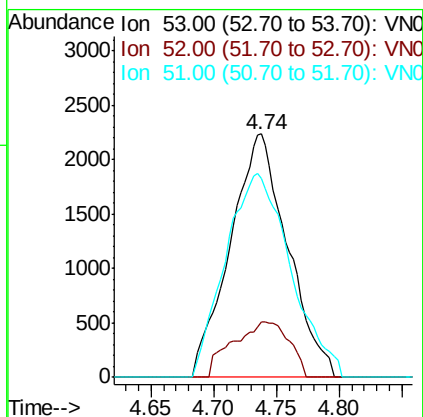
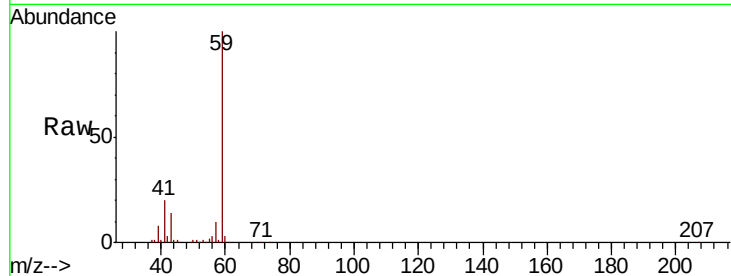
Tot Ion: 53 Resp: 7109

Ion Ratio Lower Upper

53 100

52 22.3 65.6 98.4#

51 95.0 28.2 42.4#



#16

Acetone

Concen: 6522.892 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063118.D

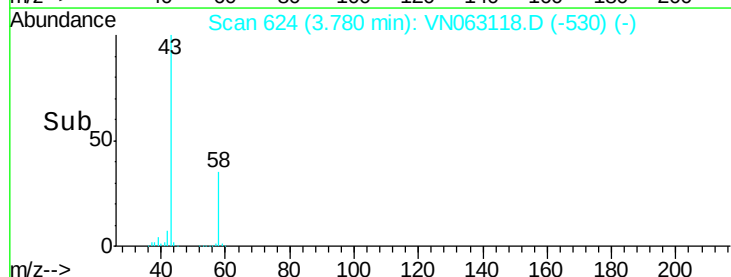
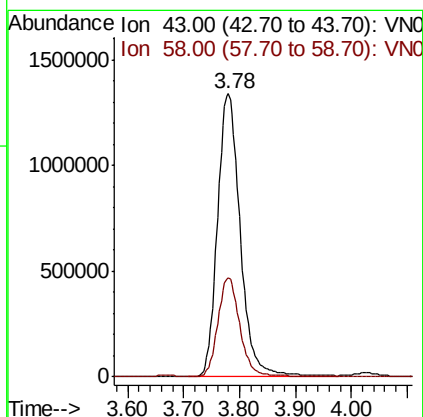
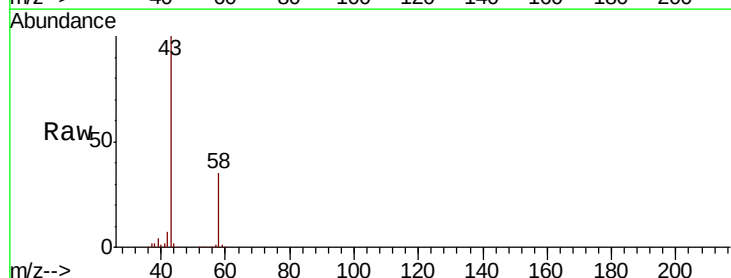
Acq: 25 Aug 2020 17:51

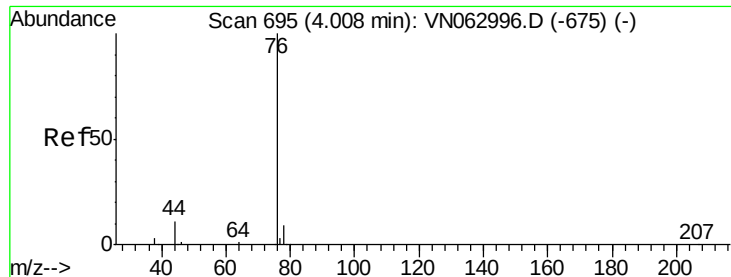
Tgt Ion: 43 Resp: 3812211

Ion Ratio Lower Upper

43 100

58 34.9 27.8 41.6





#17

Carbon Disulfide

Concen: 0.897 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN063118.D

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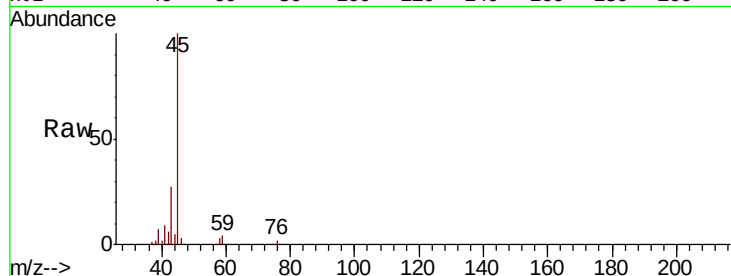
1794

Tot Ion: 76 Resp: 3200

Ion Ratio Lower Upper

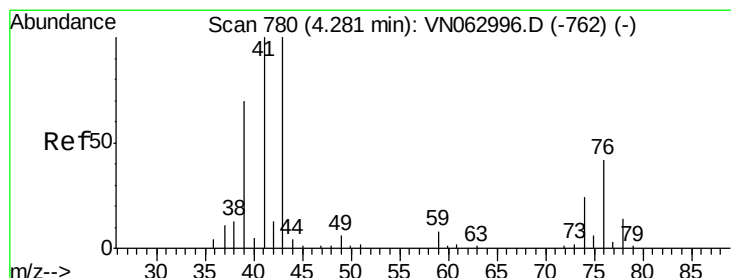
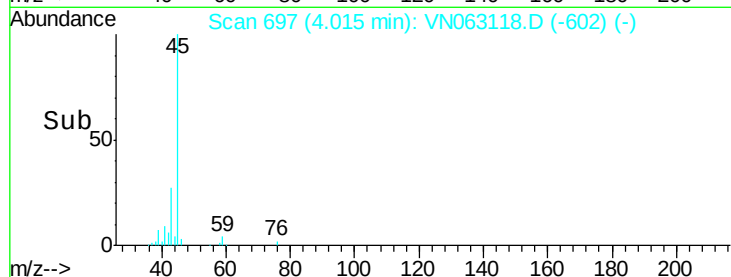
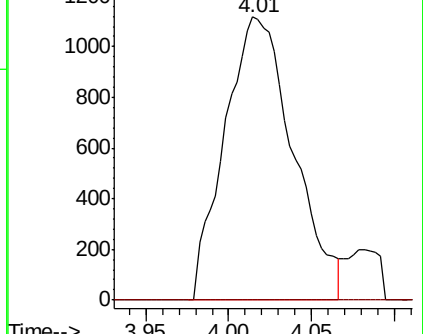
76 100

78 0.0 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 40.942 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.01 min

Lab File: VN063118.D

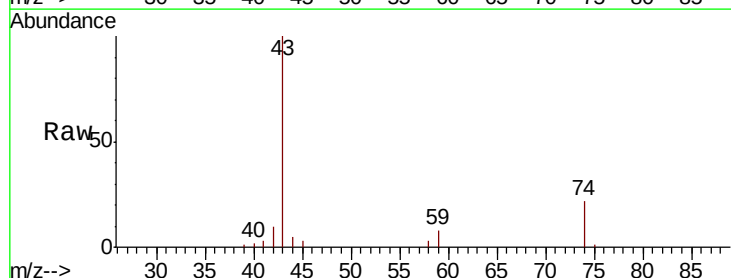
Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 77422

Ion Ratio Lower Upper

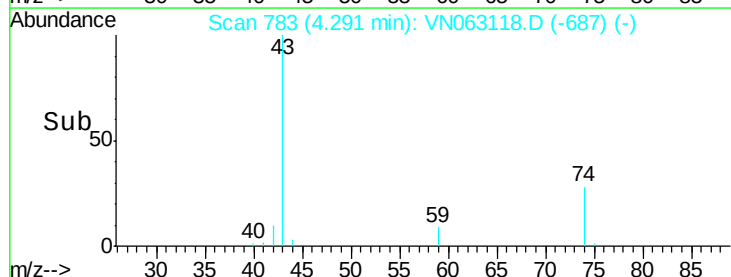
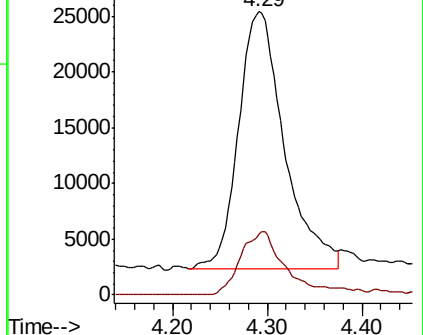
43 100

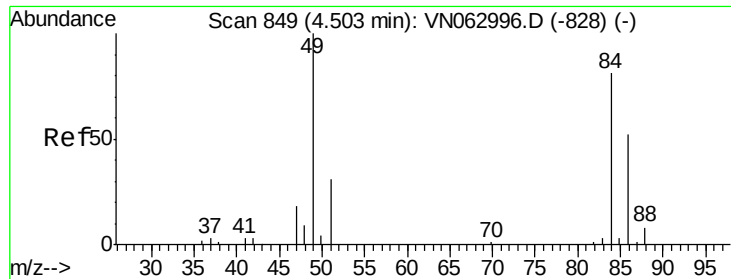
74 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

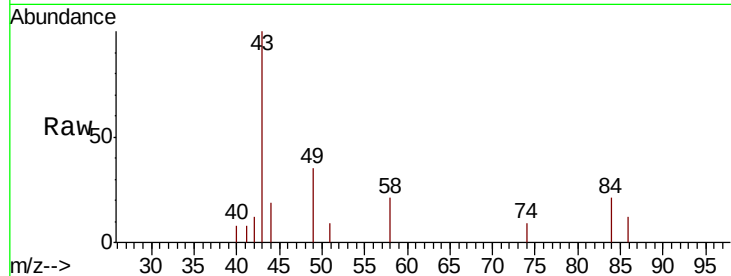




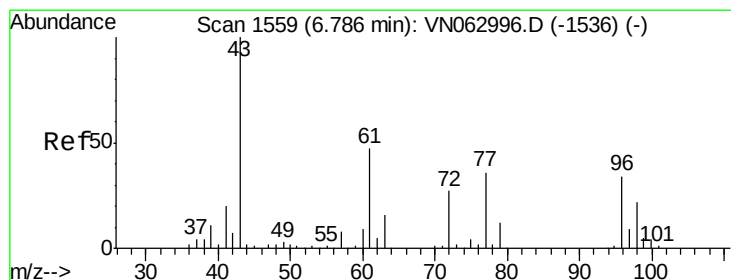
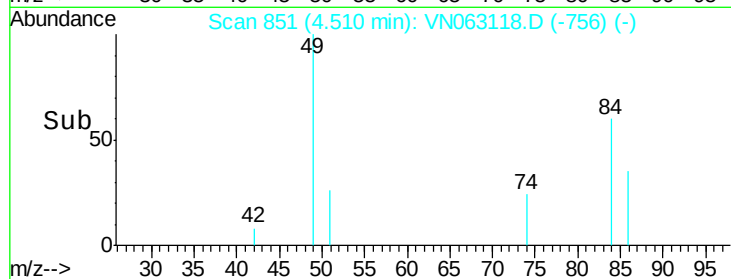
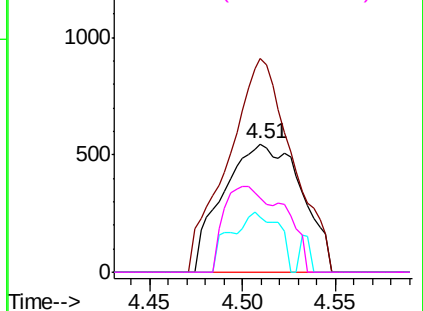
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Instrument :
MSVOA_N
ClientSampled :
1794

Tot Ion: 84 Resp: 1611
Ion Ratio Lower Upper
84 100
49 166.7 98.7 148.1#
51 43.2 30.8 46.2
86 58.1 51.2 76.8

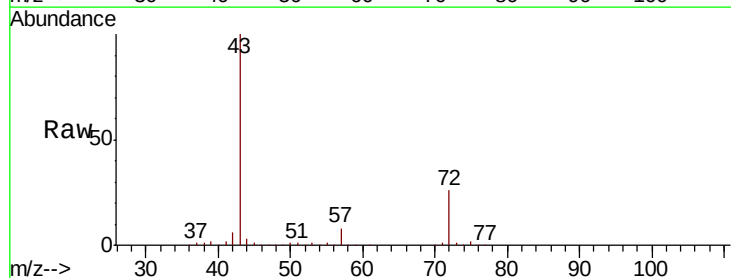


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

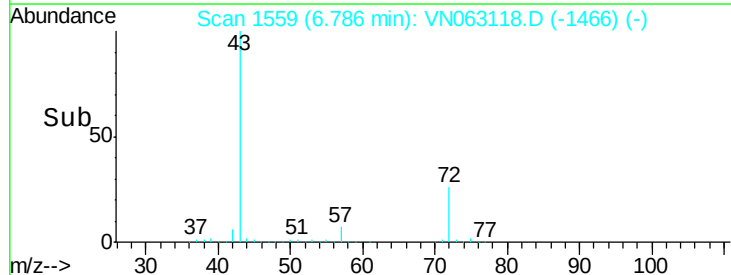
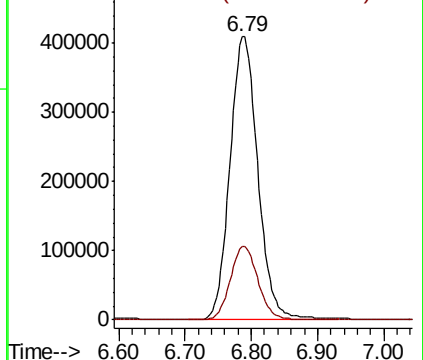


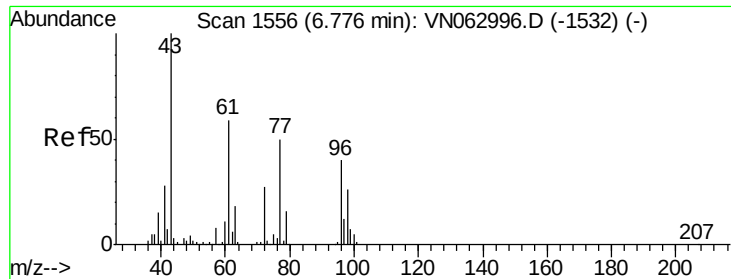
#25
2-Butanone
Concen: 1182.932 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 1195047
Ion Ratio Lower Upper
43 100
72 25.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

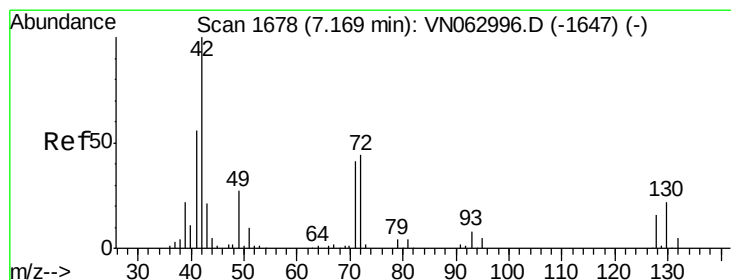
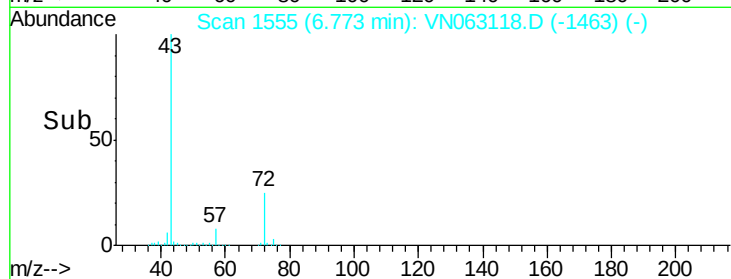
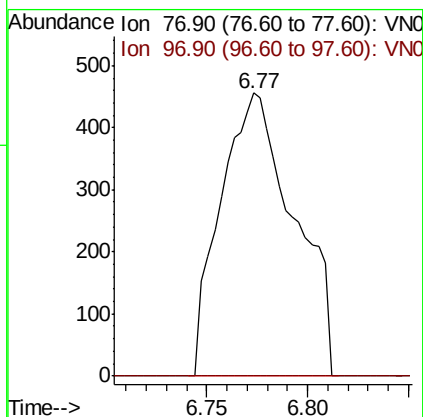
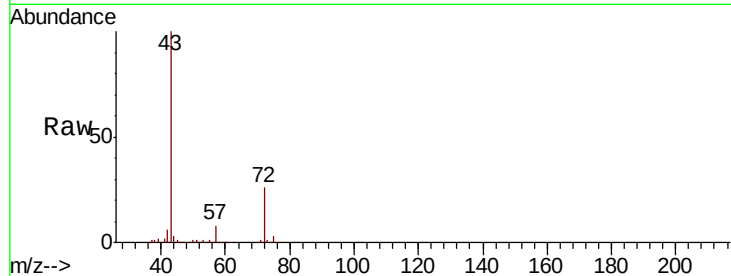




#26
 2,2-Dichloropropane
 Concen: 0.481 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

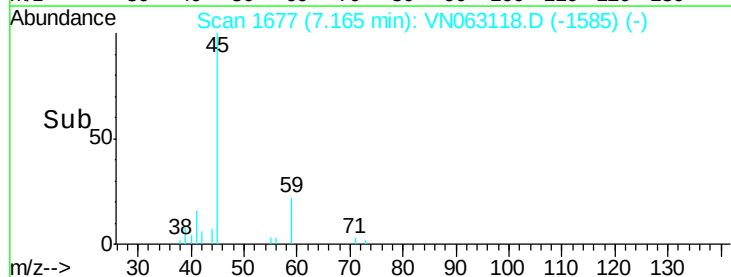
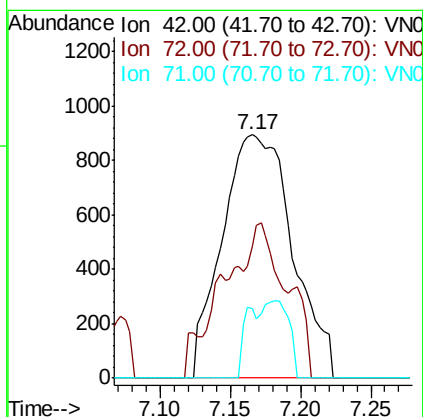
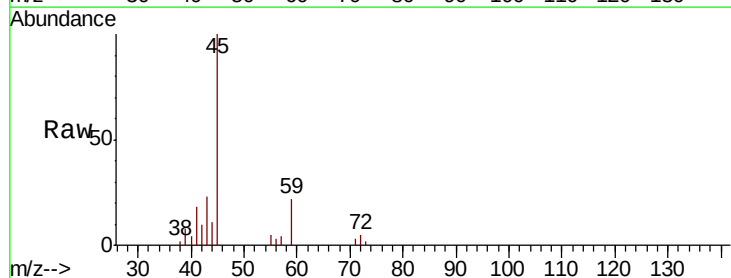
Instrument :
 MSVOA_N
 ClientSampled :
 1794

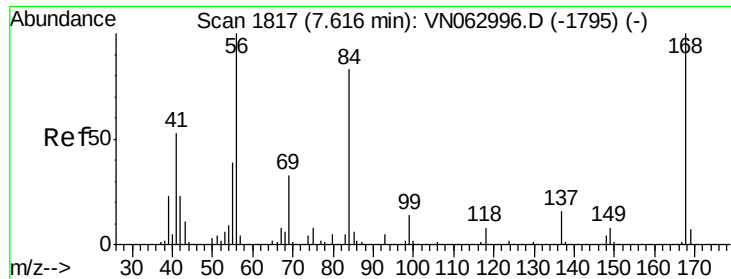
Tot Ion: 77 Resp: 1153
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#29
 Tetrahydrofuran
 Concen: 4.799 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion: 42 Resp: 3129
 Ion Ratio Lower Upper
 42 100
 72 33.6 34.6 52.0#
 71 5.8 32.3 48.5#

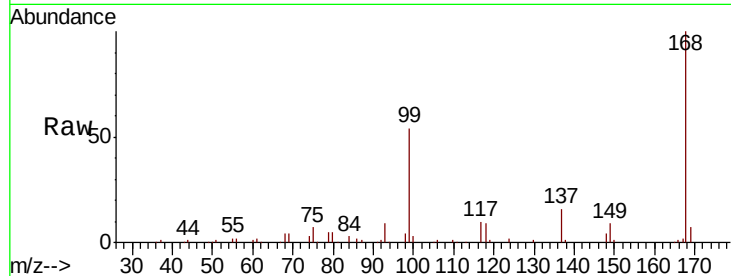




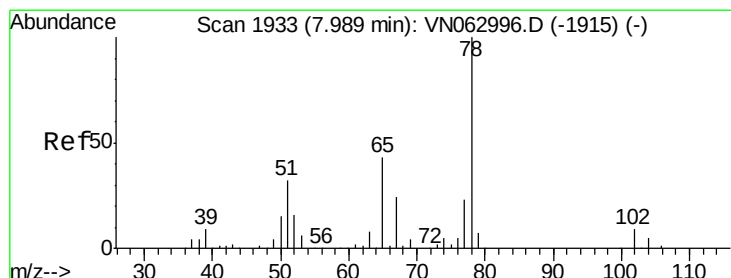
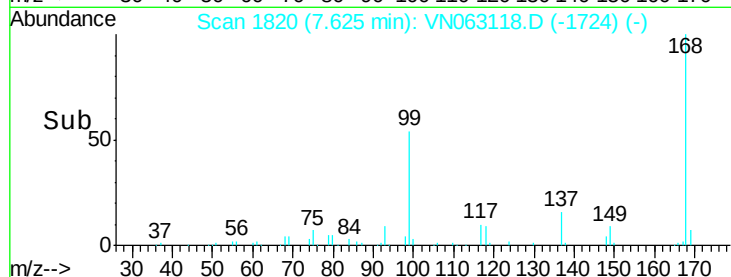
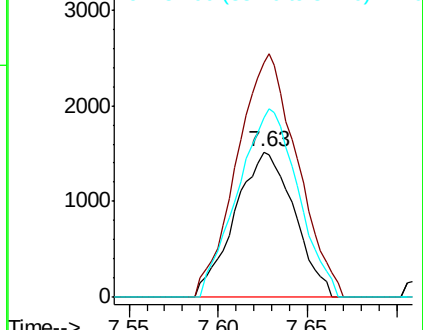
#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Instrument :
MSVOA_N
ClientSampled :
1794

Tot Ion: 56 Resp: 3541
Ion Ratio Lower Upper
56 100
69 161.7 26.6 40.0#
84 123.8 66.4 99.6#

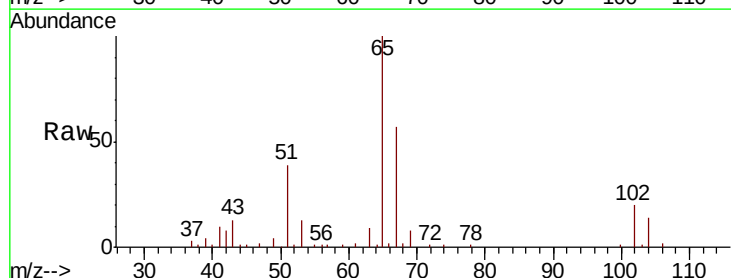


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

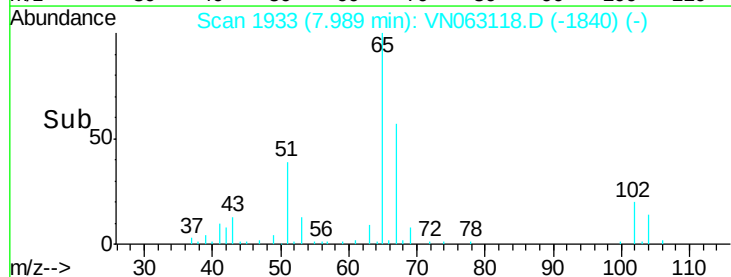
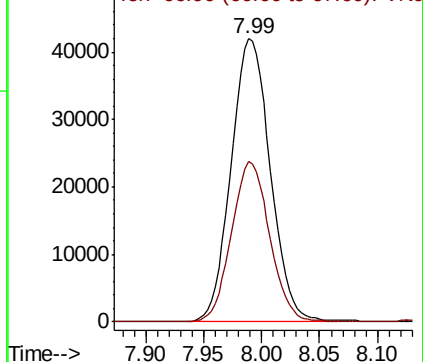


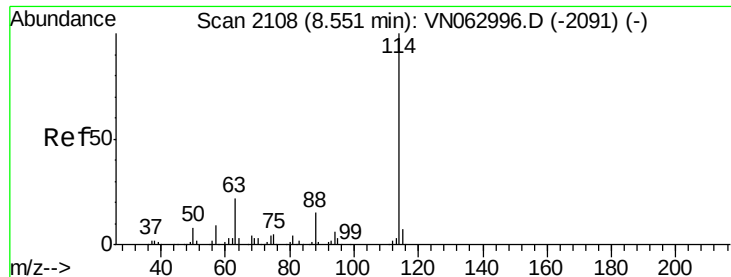
#33
1,2-Dichloroethane-d4
Concen: 51.727 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Tgt Ion: 65 Resp: 98430
Ion Ratio Lower Upper
65 100
67 55.1 0.0 112.0



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

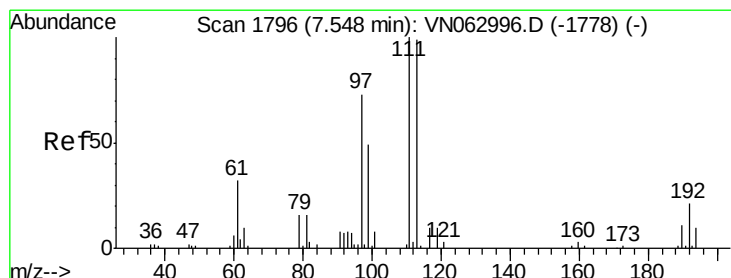
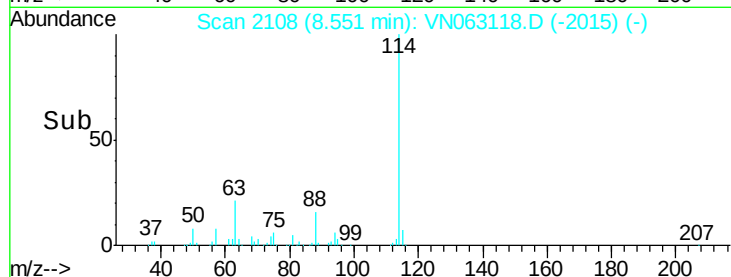
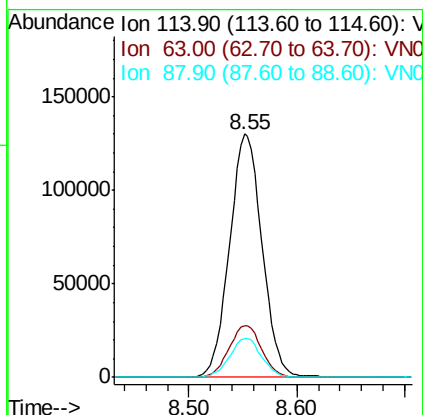
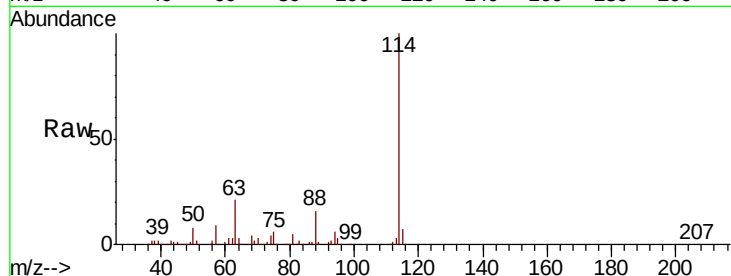




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

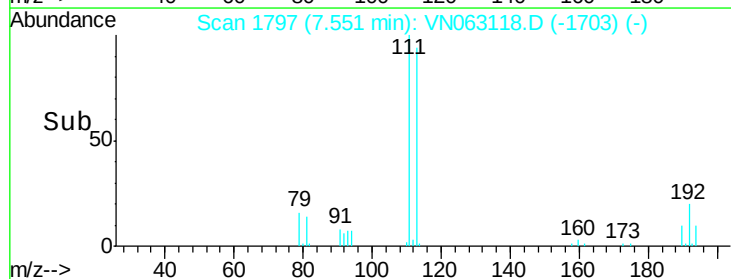
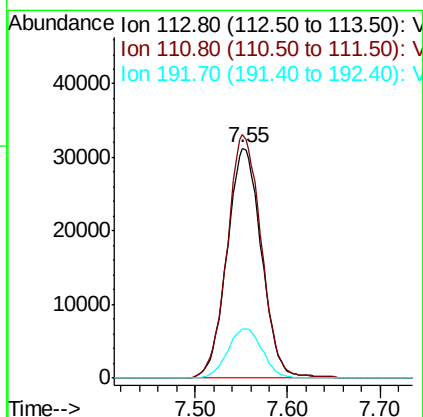
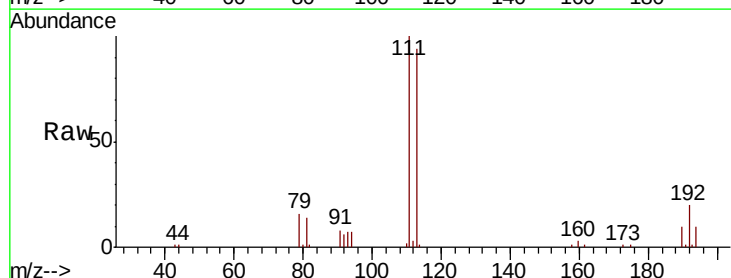
Instrument :
 MSVOA_N
 ClientSampleId :
 1794

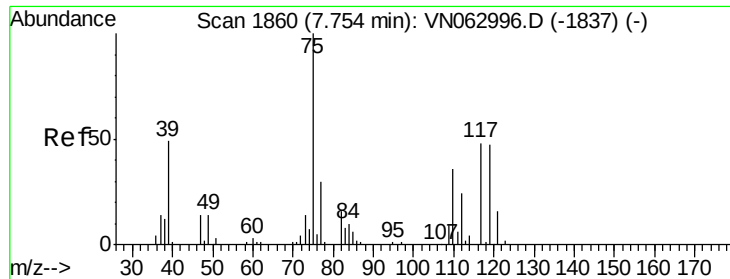
Tot Ion:114 Resp: 273314
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.0 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 45.252 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion:113 Resp: 80589
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.7 122.5
 192 21.5 17.5 26.3

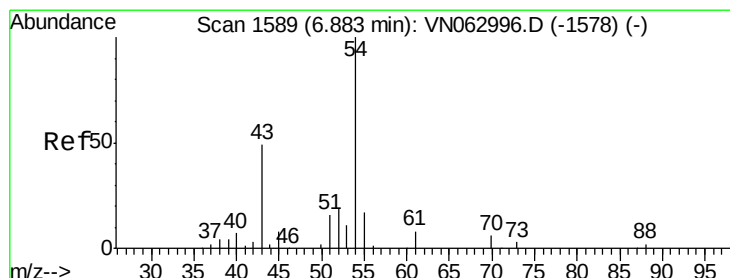
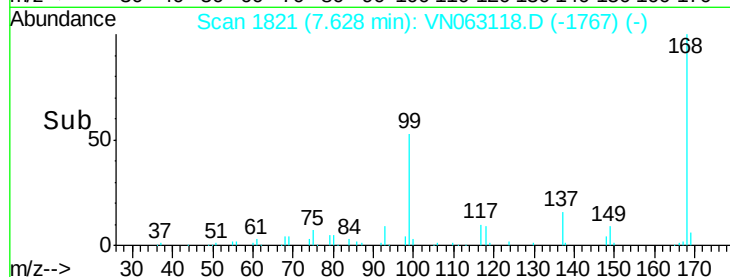
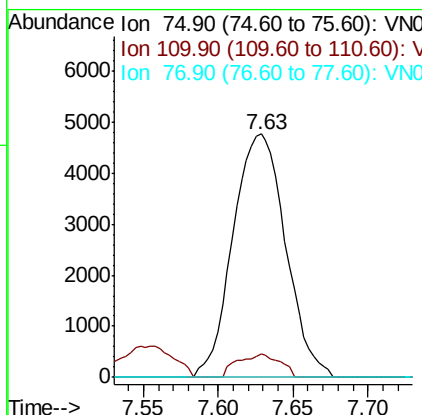
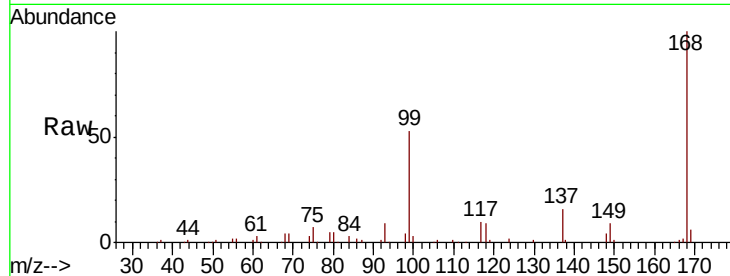




#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.13 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

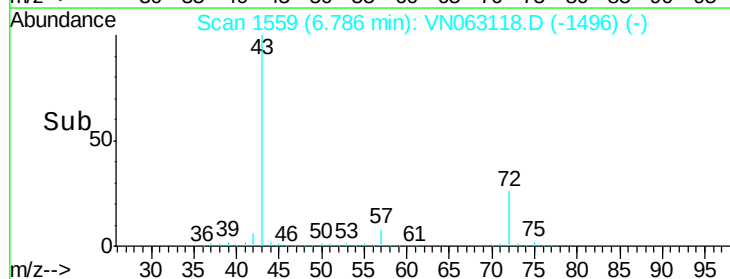
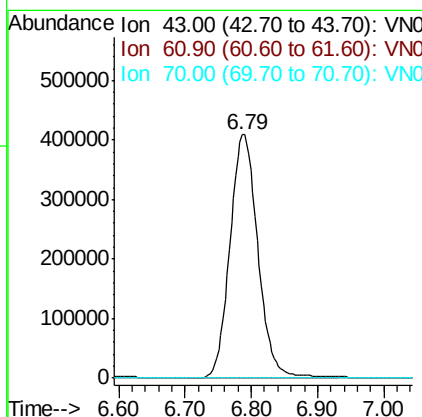
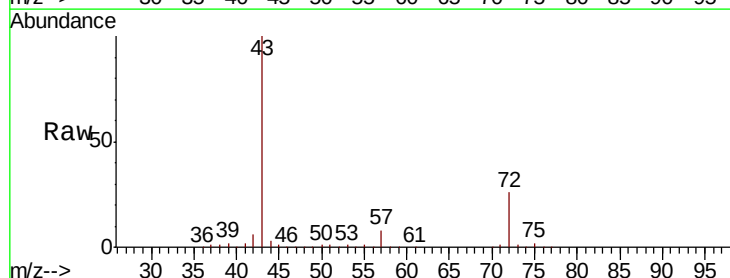
Instrument :
 MSVOA_N
 ClientSampleId :
 1794

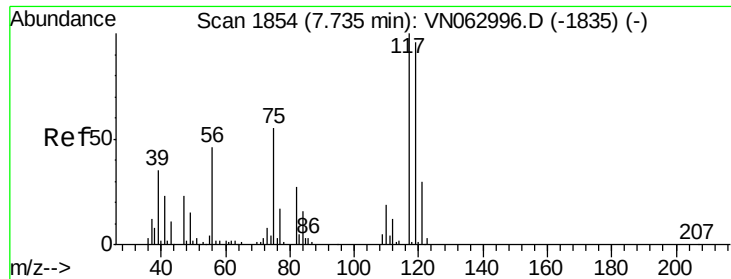
Tot Ion: 75 Resp: 11661
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.5 52.6#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 529.516 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.10 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 1195047
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.1 8.2 12.2#





#38

Carbon Tetrachloride

Concen: 6.119 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794

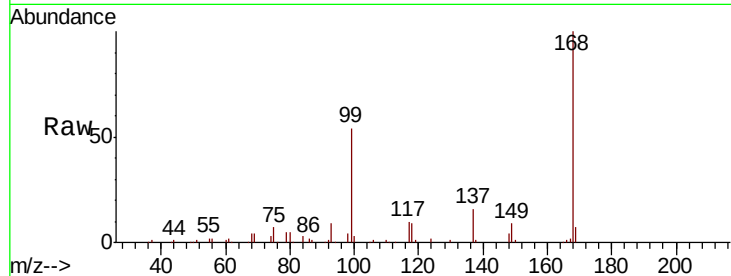
Tot Ion:117 Resp: 14879

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.4#

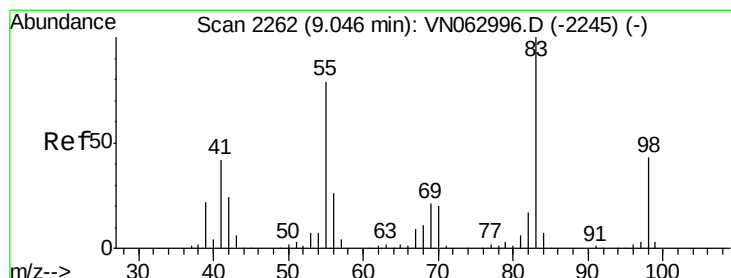
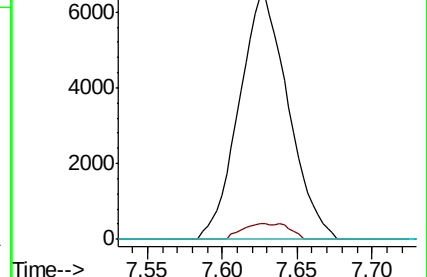
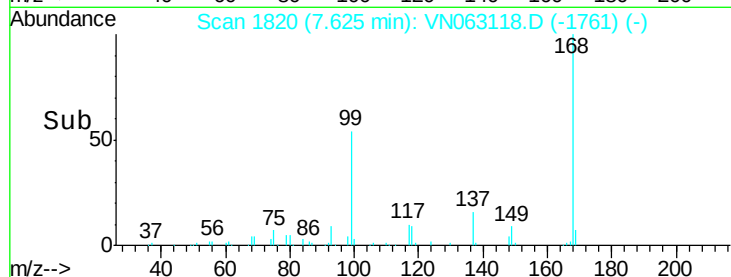
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.672 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

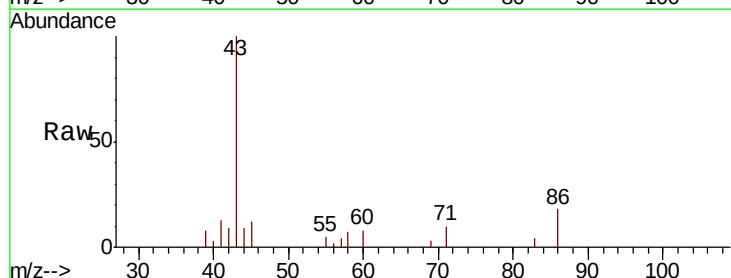
Tgt Ion: 83 Resp: 369

Ion Ratio Lower Upper

83 100

55 50.2 63.3 94.9#

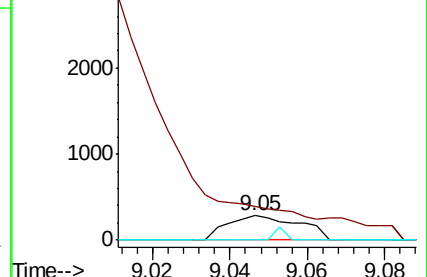
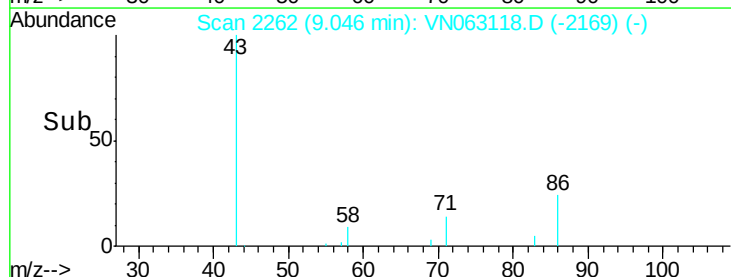
98 0.0 34.2 51.4#

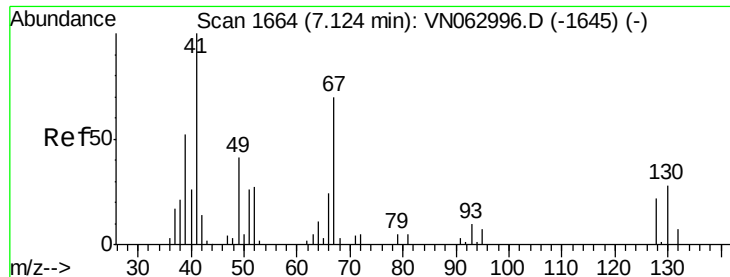


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#41

Methacrylonitrile

Concen: 6.282 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. 0.02 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794

Tot Ion: 41 Resp: 6755

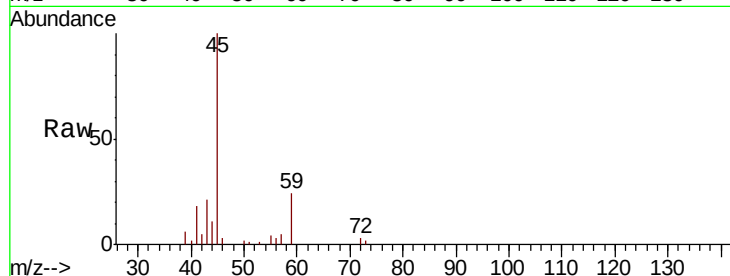
Ion Ratio Lower Upper

41 100

39 20.7 41.6 62.4#

67 0.0 71.8 107.8#

52 0.0 28.2 42.4#

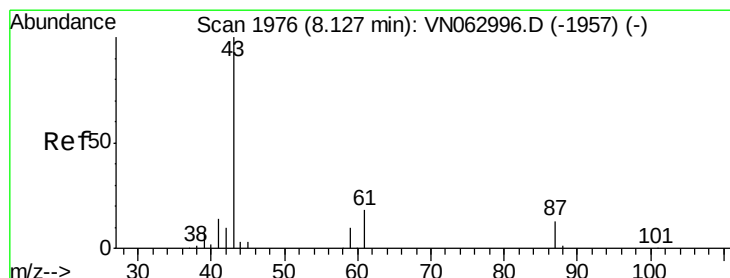
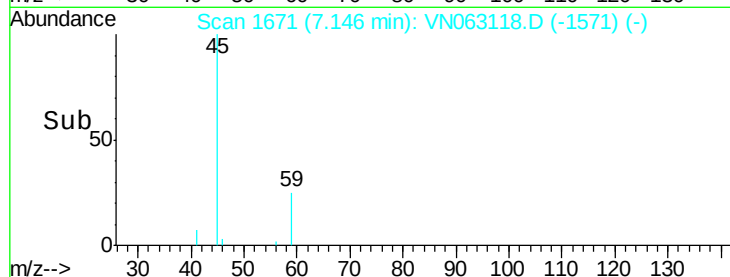
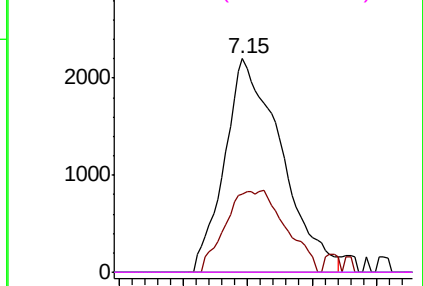


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#43

Isopropyl Acetate

Concen: 33.680 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.13 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

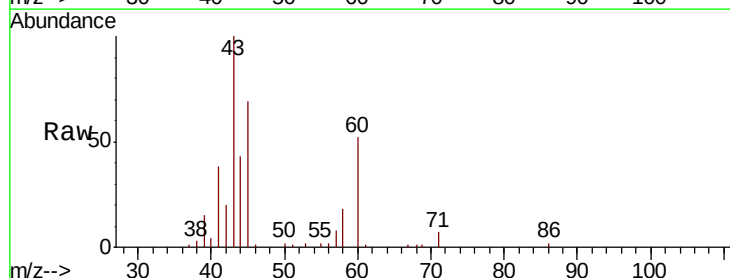
Tgt Ion: 43 Resp: 125927

Ion Ratio Lower Upper

43 100

61 0.1 22.6 33.8#

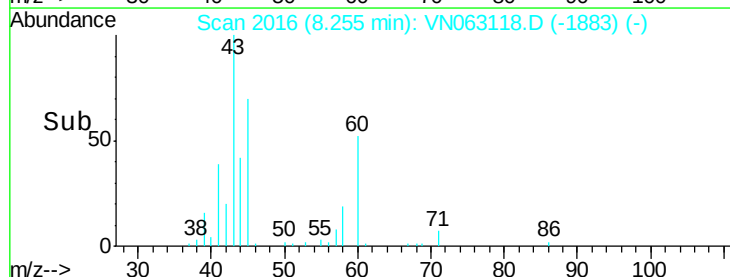
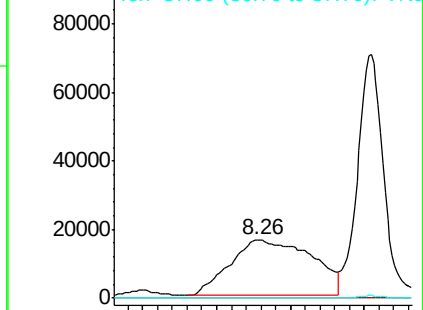
87 0.0 10.5 15.7#

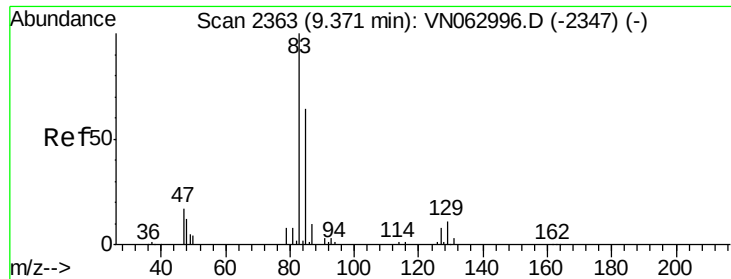


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 1.341 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.02 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

1794

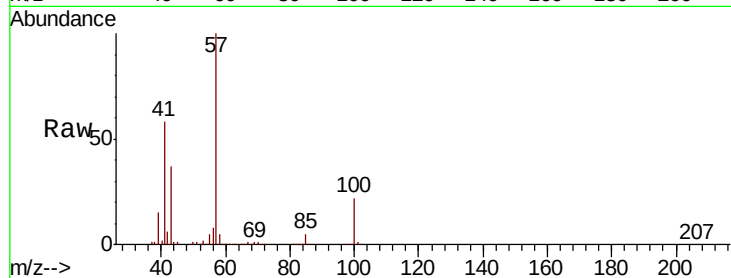
Tot Ion: 83 Resp: 3746

Ion Ratio Lower Upper

83 100

85 937.8 51.1 76.7#

127 0.0 6.6 9.8#

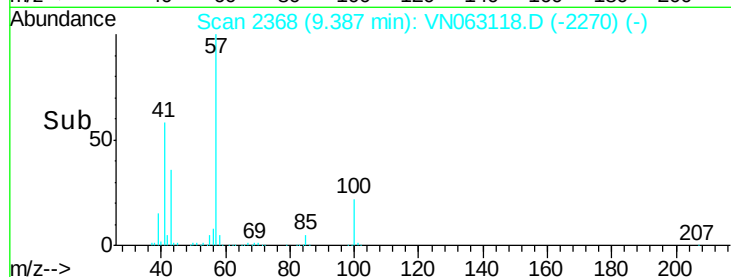


Abundance Ion 82.90 (82.60 to 83.60): VN063118.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063118.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063118.D (-2270) (-)

Time-->

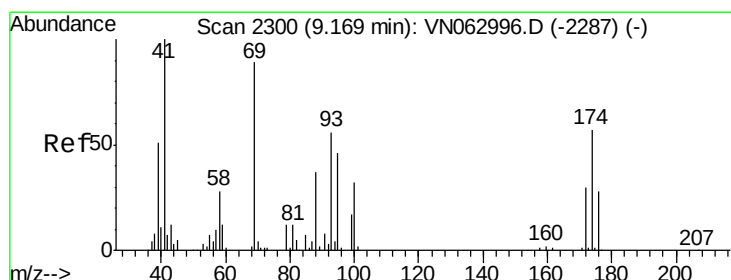


Abundance Ion 82.90 (82.60 to 83.60): VN063118.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063118.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063118.D (-2270) (-)

Time-->



#48

Methyl methacrylate

Concen: 7.974 ug/l

RT: 9.14 min Scan# 2290

Delta R.T. -0.03 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

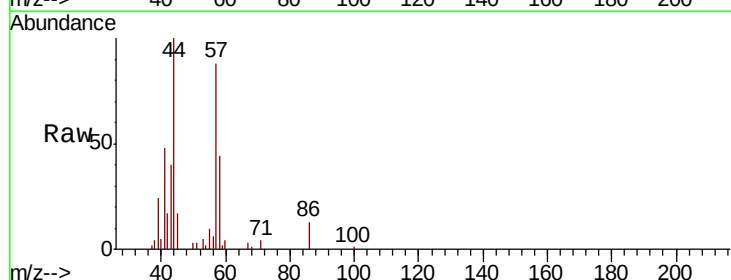
Tgt Ion: 41 Resp: 14107

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.4#

39 52.0 42.5 63.7

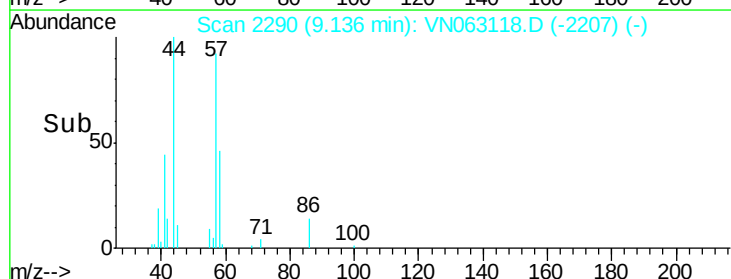


Abundance Ion 41.00 (40.70 to 41.70): VN063118.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063118.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063118.D (-2207) (-)

Time-->

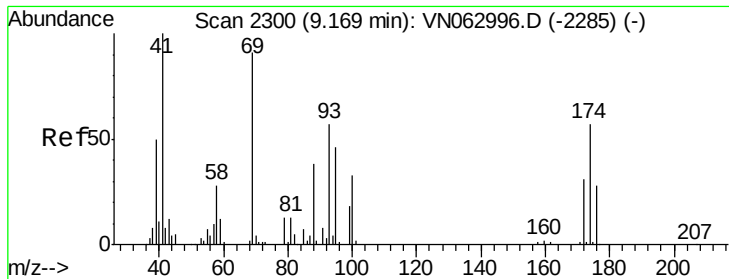


Abundance Ion 41.00 (40.70 to 41.70): VN063118.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063118.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063118.D (-2207) (-)

Time-->



#49

1,4-Dioxane

Concen: 17.064 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794

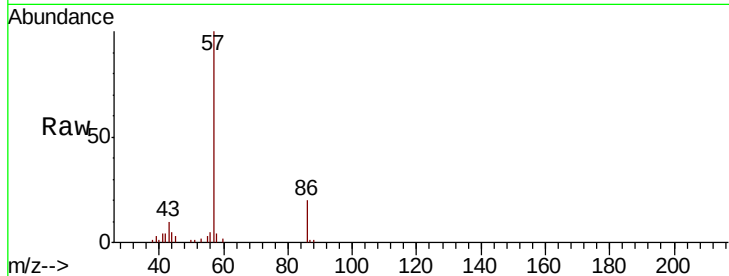
Tot Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 0.0 25.2 37.8#

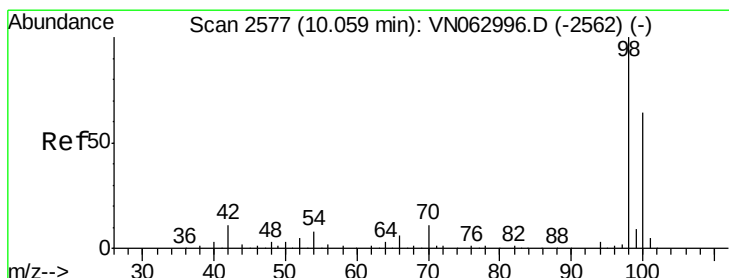
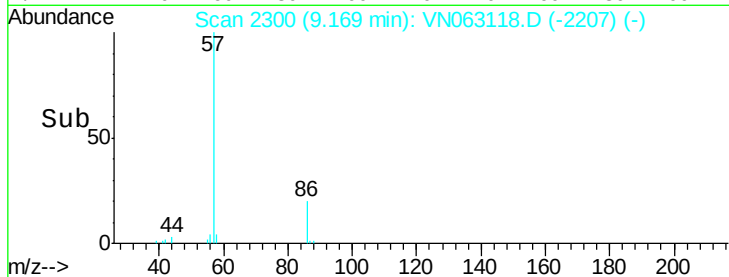
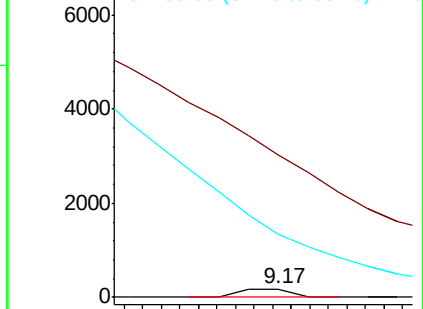
58 0.0 56.7 85.1#



Abundance Ion 88.00 (87.70 to 88.70): VN063118.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN063118.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN063118.D (-2285) (-)



#50

Toluene-d8

Concen: 50.489 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063118.D

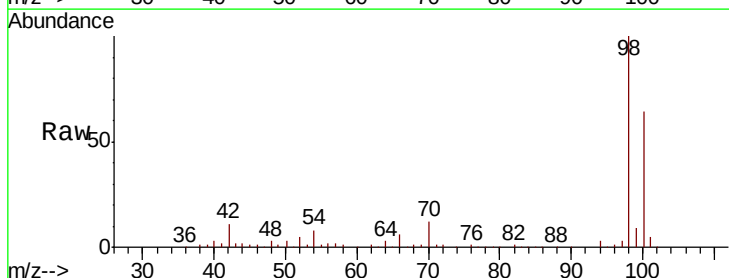
Acq: 25 Aug 2020 17:51

Tgt Ion: 98 Resp: 345375

Ion Ratio Lower Upper

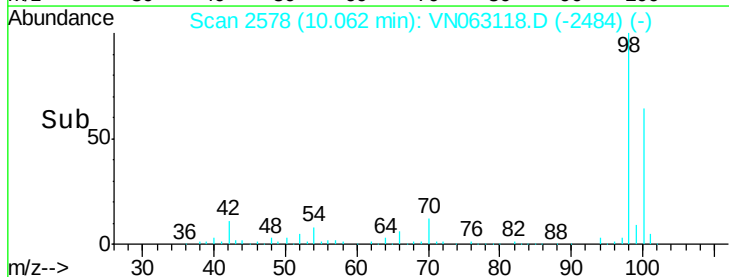
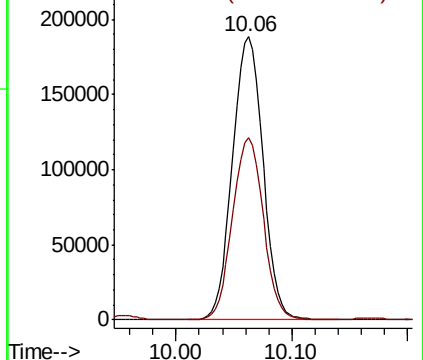
98 100

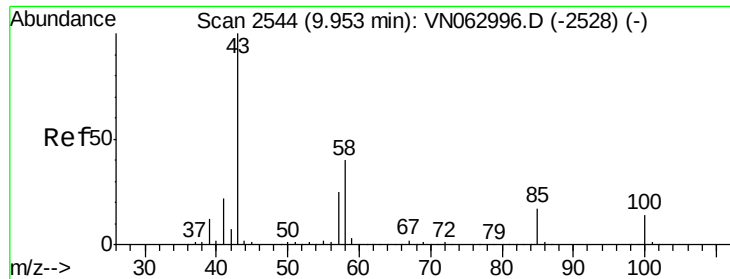
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN063118.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN063118.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 17.339 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

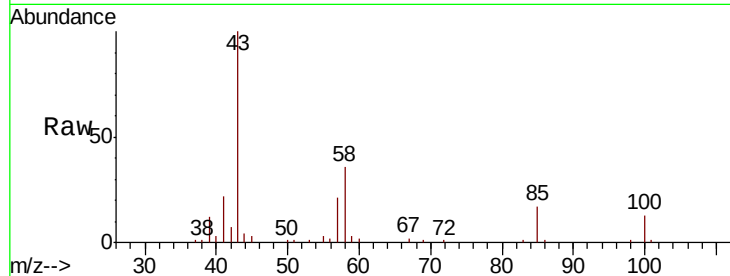
1794

Tot Ion: 43 Resp: 40978

Ion Ratio Lower Upper

43 100

58 36.8 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.96

25000

20000

15000

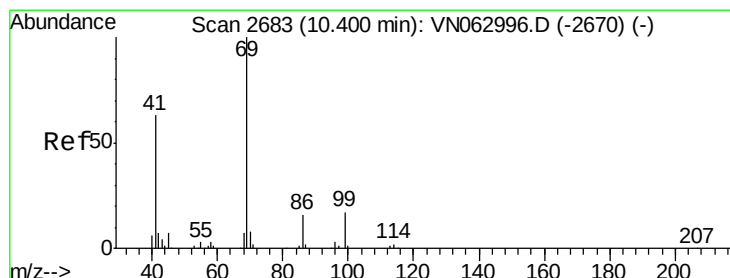
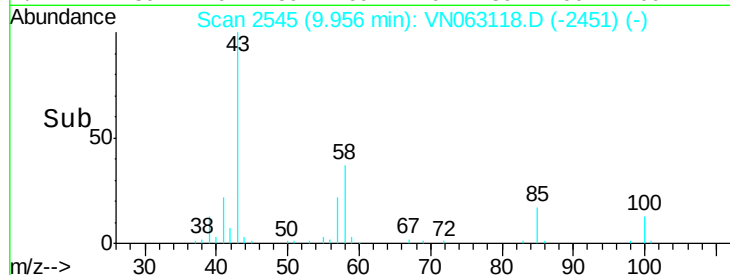
10000

5000

0

Time-->

9.90 9.95 10.00



#56

Ethyl methacrylate

Concen: 2.046 ug/l

RT: 10.33 min Scan# 2662

Delta R.T. -0.07 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

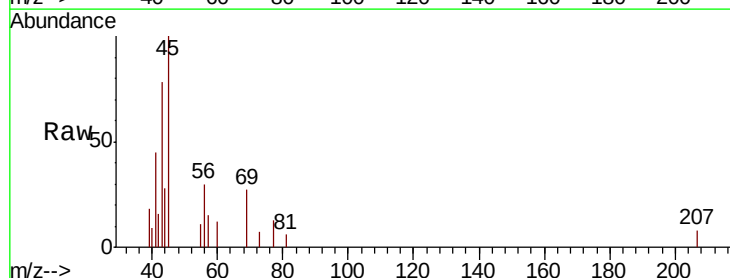
Tgt Ion: 69 Resp: 963

Ion Ratio Lower Upper

69 100

41 0.0 50.2 75.2#

39 0.0 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VN062996.D (-2670) (-)

Ion 41.00 (40.70 to 41.70): VN062996.D (-2670) (-)

Ion 39.00 (38.70 to 39.70): VN062996.D (-2670) (-)

6000

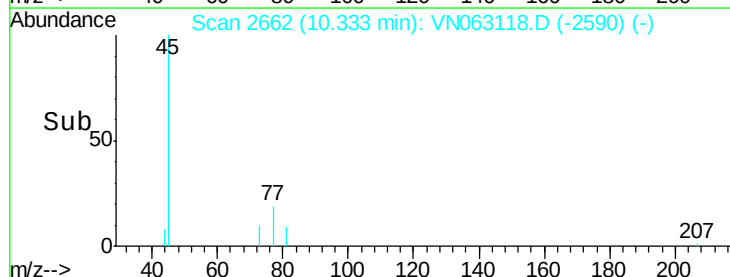
4000

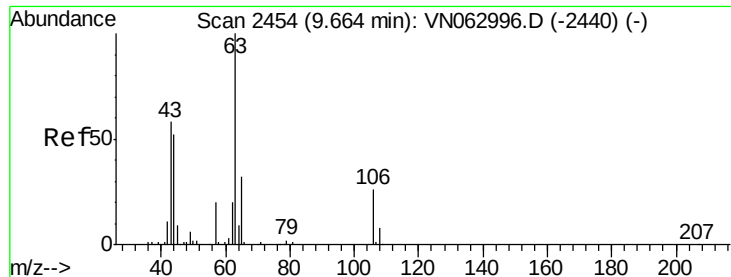
2000

0

Time-->

10.30 10.32 10.34

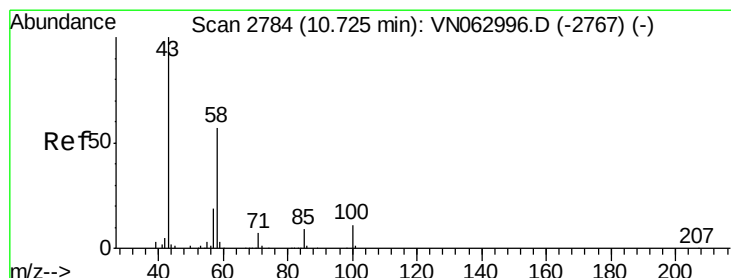
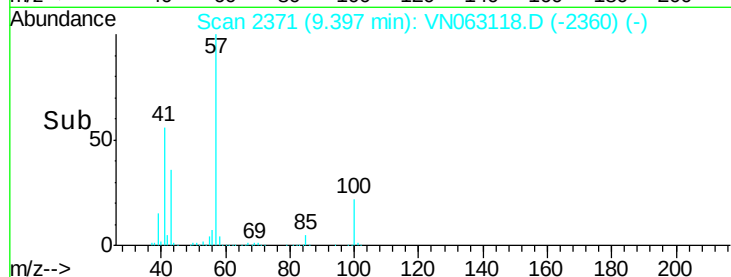
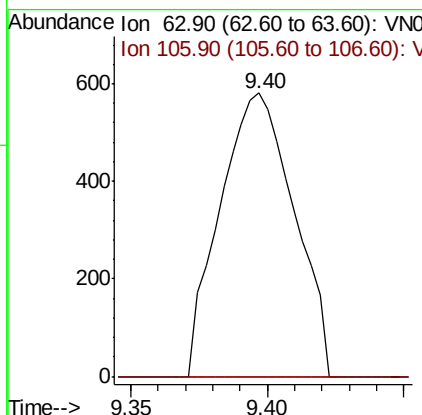
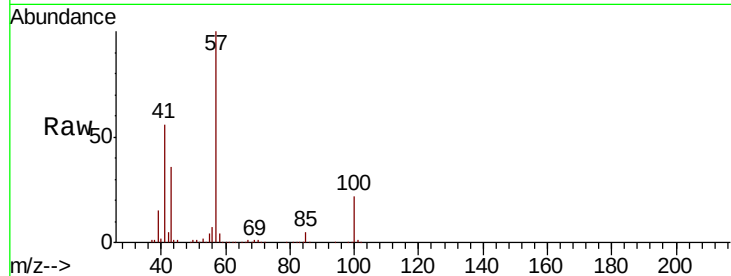




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.602 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. -0.27 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

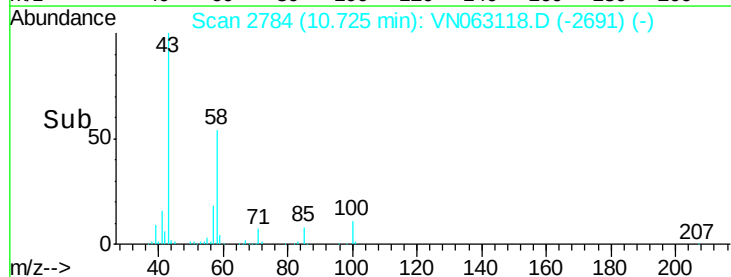
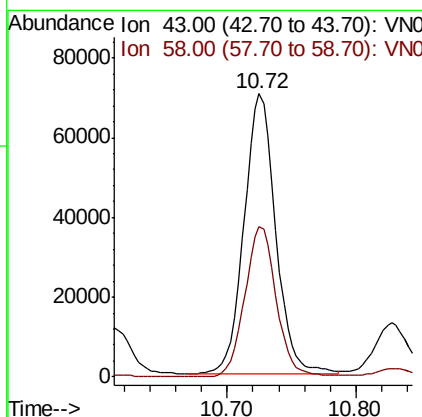
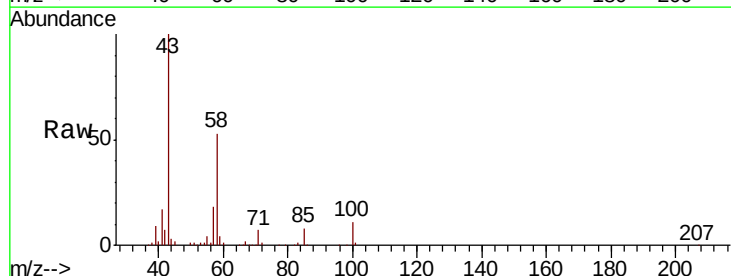
Instrument :
 MSVOA_N
 ClientSampleId :
 1794

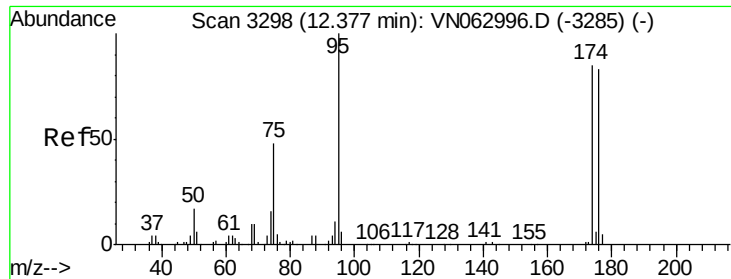
Tot Ion: 63 Resp: 1091
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.7 31.1#



#59
 2-Hexanone
 Concen: 73.060 ug/l
 RT: 10.72 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion: 43 Resp: 120438
 Ion Ratio Lower Upper
 43 100
 58 53.6 28.1 84.3

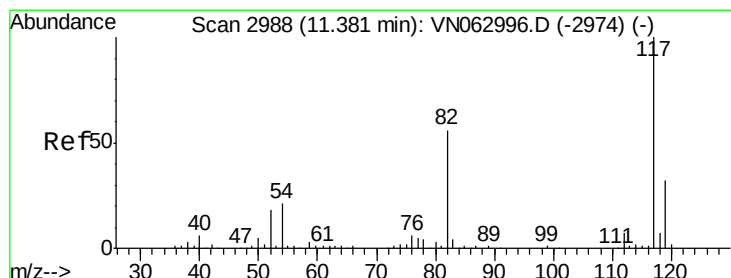
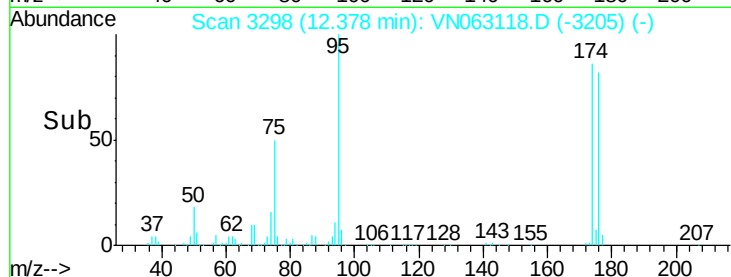
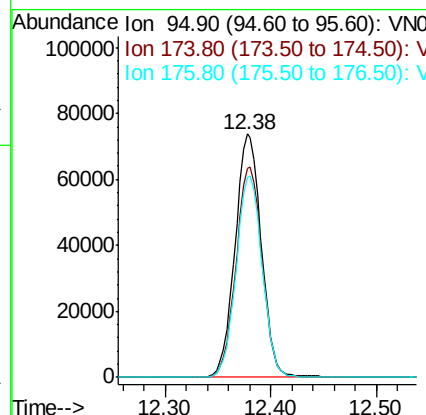
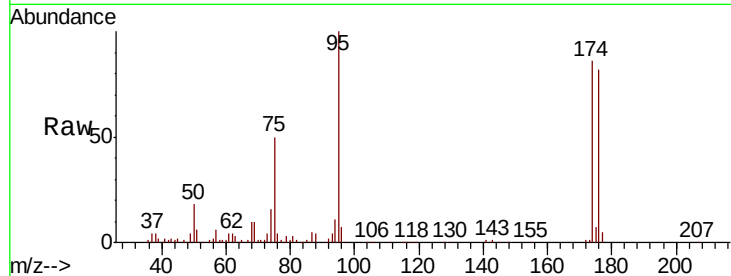




#62
4-Bromofluorobenzene
Concen: 52.607 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

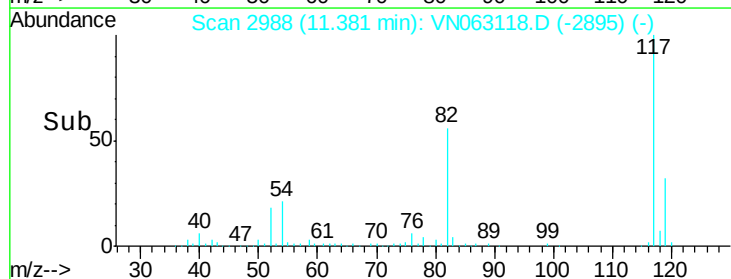
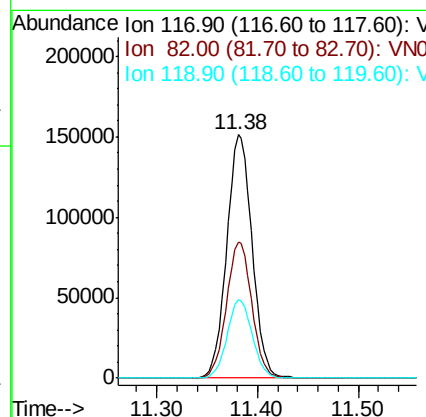
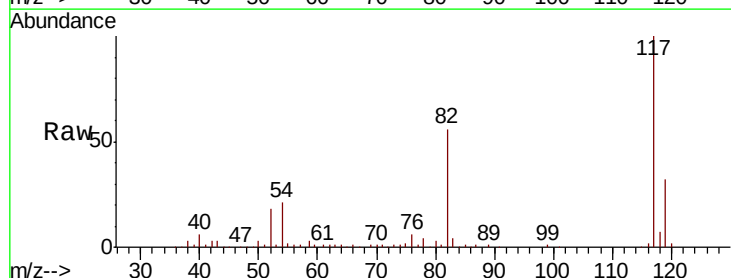
Instrument :
MSVOA_N
ClientSampled :
1794

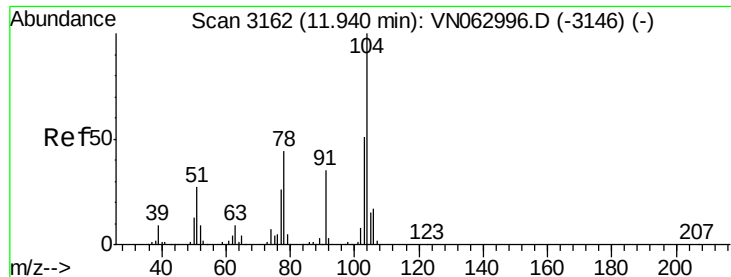
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	170.8
176	81.7	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063118.D
Acq: 25 Aug 2020 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.5	66.7
119	32.0	25.5	38.3





#70

Stvrene

Concen: 1.958 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794

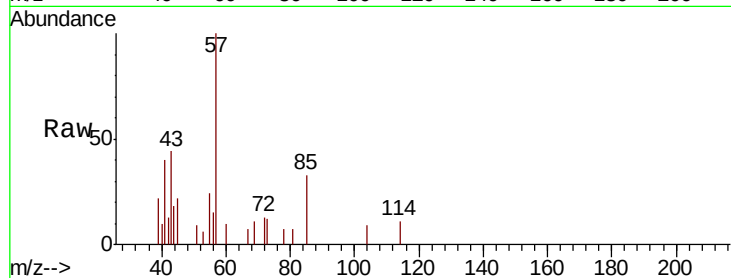
Tot Ion:104 Resp: 229

Ion Ratio Lower Upper

104 100

78 55.9 39.0 58.6

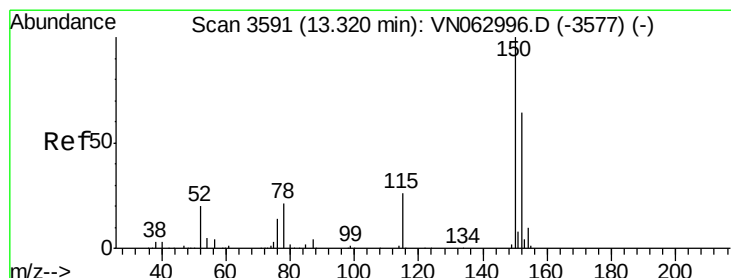
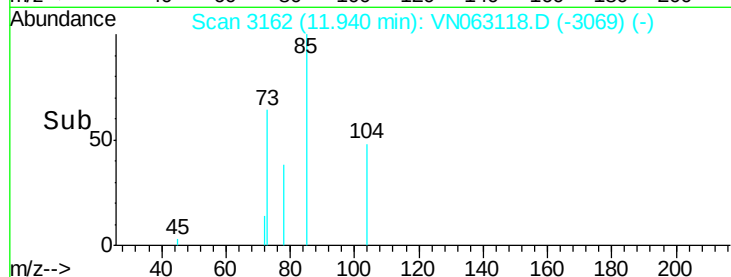
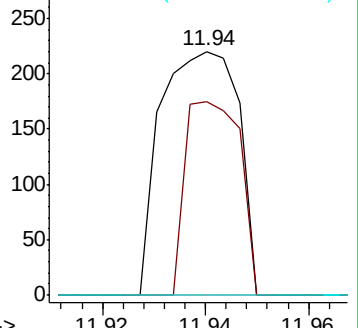
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

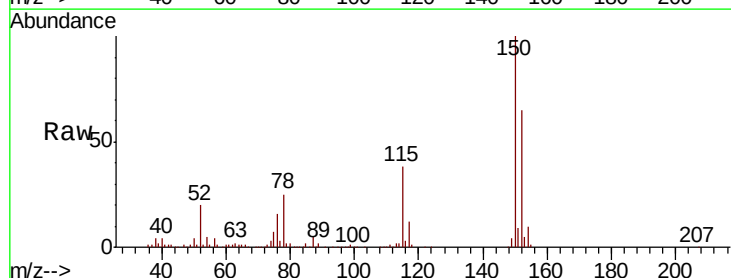
Tgt Ion:152 Resp: 119939

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.3

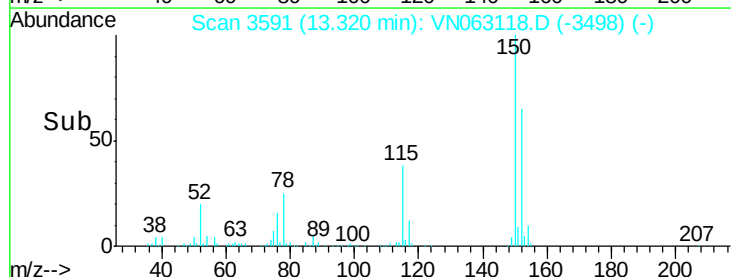
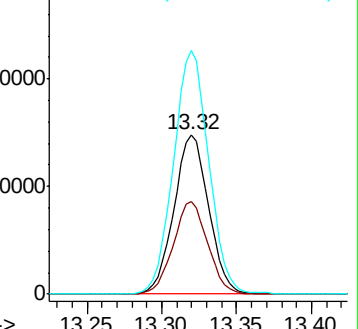
150 155.3 0.0 348.8

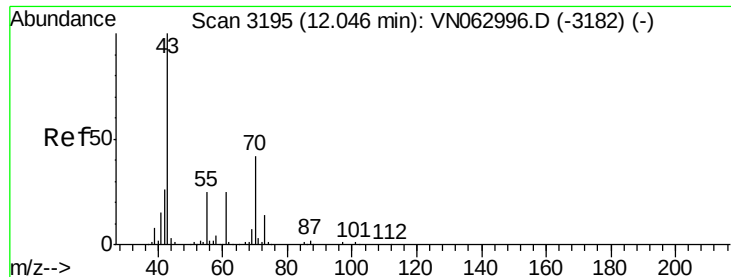


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 35.668 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

1794

Tot Ion: 43 Resp: 104922

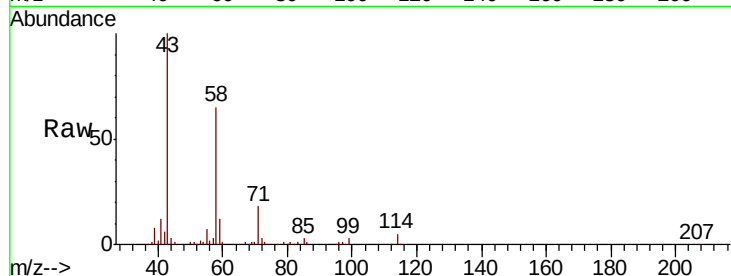
Ion Ratio Lower Upper

43 100

70 1.0 33.4 50.0#

55 7.6 20.2 30.2#

61 0.0 19.9 29.9#

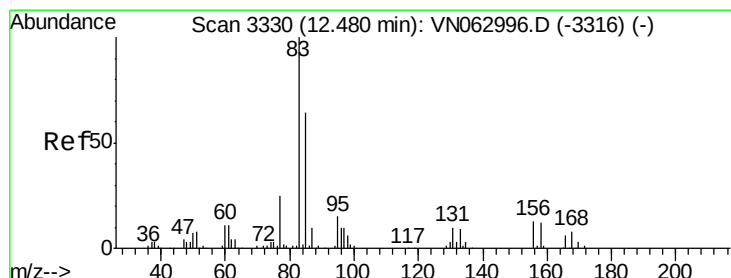
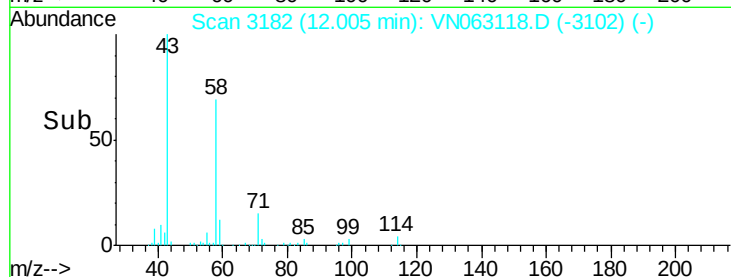
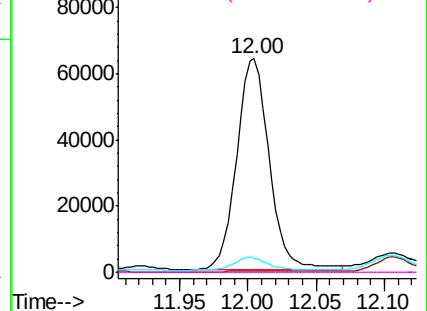


Abundance Ion 43.00 (42.70 to 43.70): VN063118.D (-3102) (-)

Ion 70.00 (69.70 to 70.70): VN063118.D (-3102) (-)

Ion 55.00 (54.70 to 55.70): VN063118.D (-3102) (-)

Ion 61.00 (60.70 to 61.70): VN063118.D (-3102) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

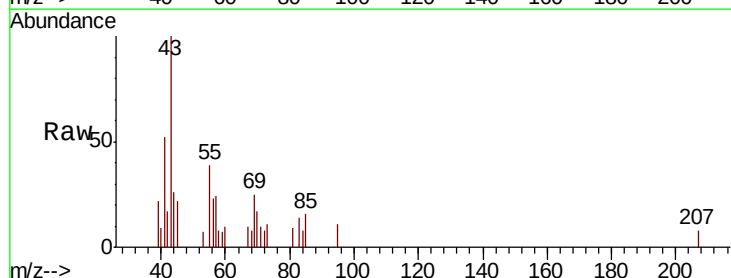
Tgt Ion: 83 Resp: 163

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

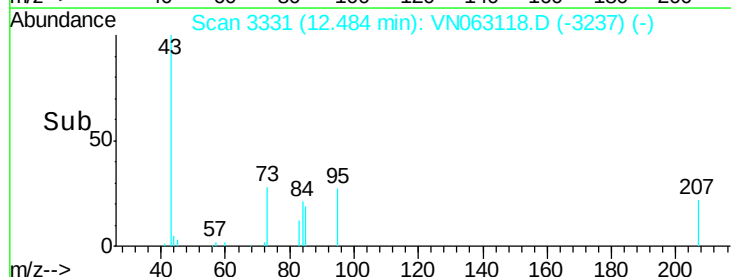
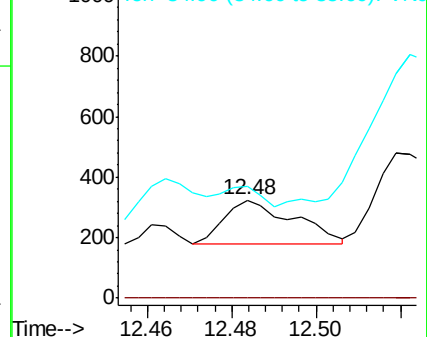
85 308.0 31.9 95.5#

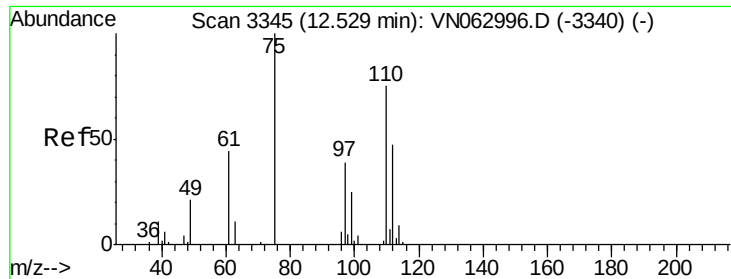


Abundance Ion 82.90 (82.60 to 83.60): VN063118.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN063118.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN063118.D (-3237) (-)





#76

1,2,3-Trichloropropane

Concen: 26.223 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

Instrument :

MSVOA_N

ClientSampled :

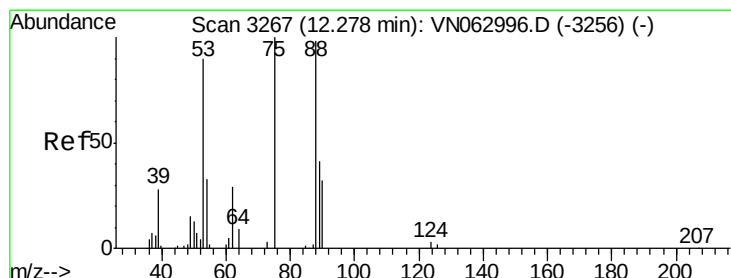
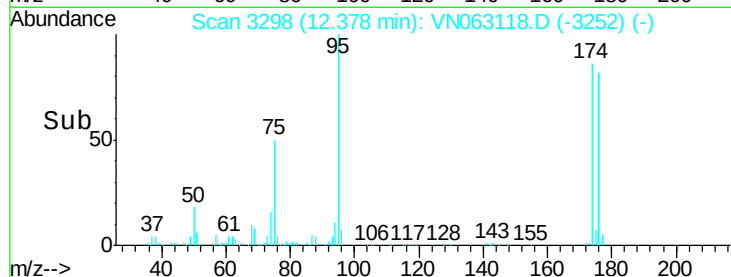
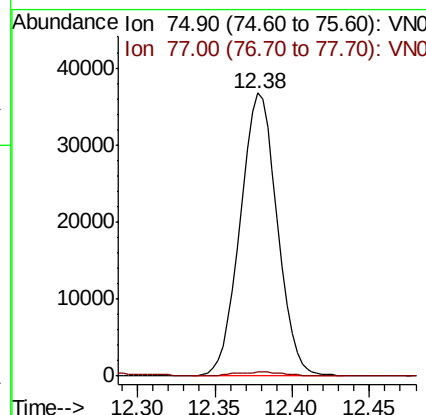
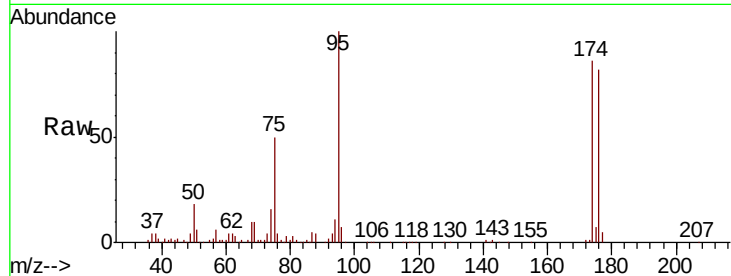
1794

Tot Ion: 75 Resp: 61134

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.019 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063118.D

Acq: 25 Aug 2020 17:51

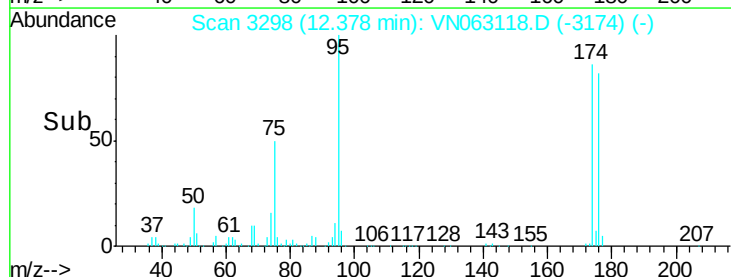
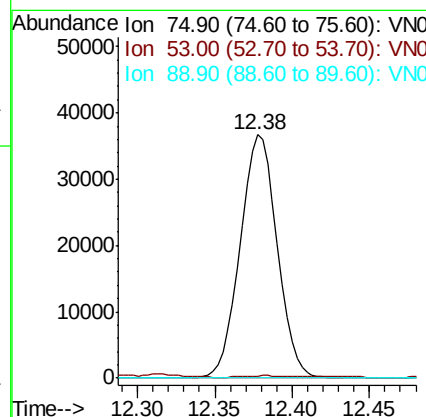
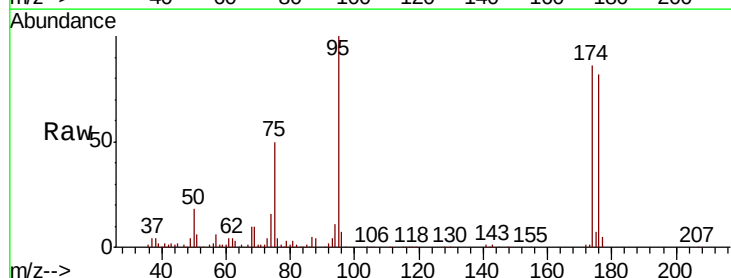
Tgt Ion: 75 Resp: 61134

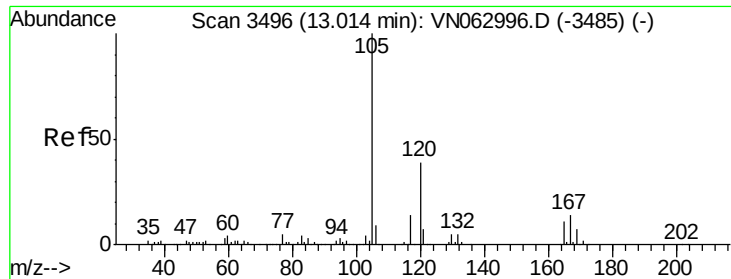
Ion Ratio Lower Upper

75 100

53 1.5 69.2 103.8#

89 0.0 34.2 51.4#

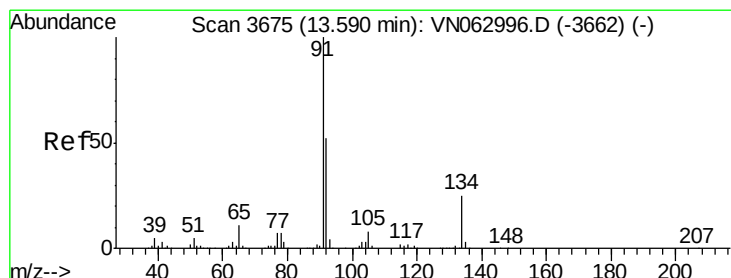
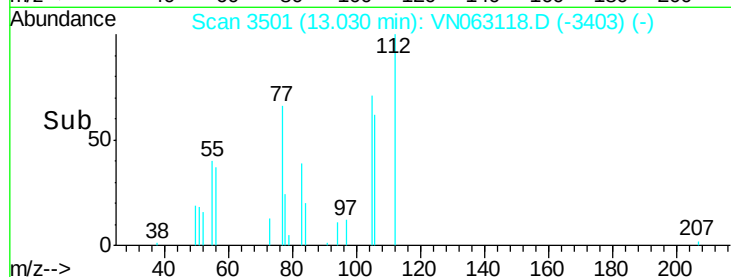
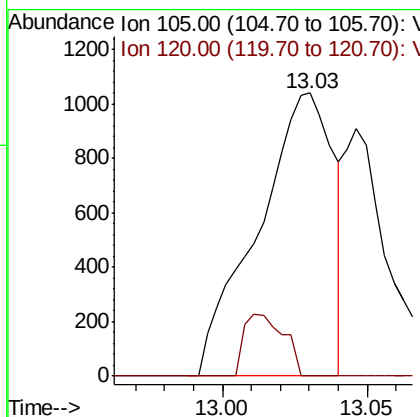
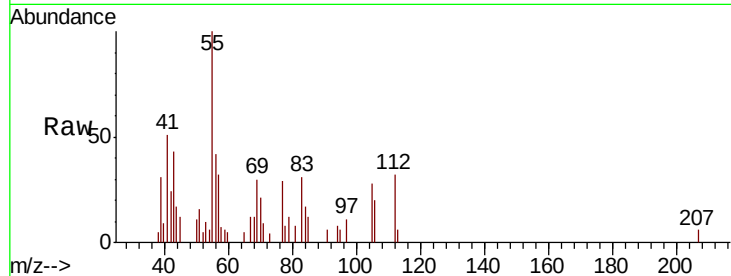




#84
 1,2,4-Trimethylbenzene
 Concen: 0.285 ug/l
 RT: 13.03 min Scan# 3501
 Delta R.T. 0.02 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

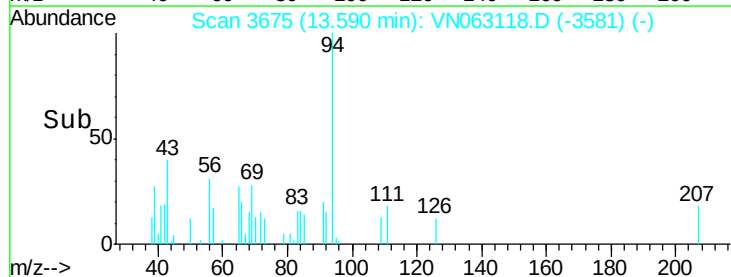
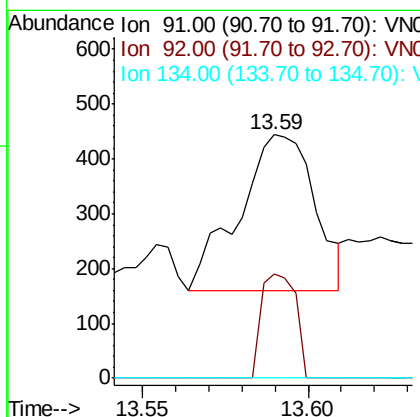
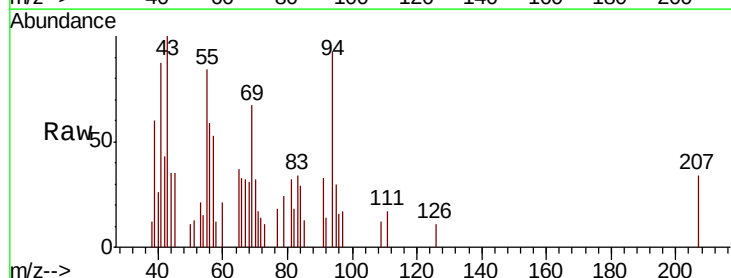
Instrument :
 MSVOA_N
 ClientSampleId :
 1794

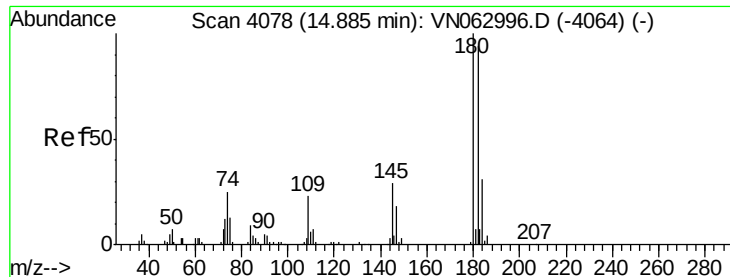
Tot Ion:105 Resp: 1882
 Ion Ratio Lower Upper
 105 100
 120 11.6 22.5 67.5#



#89
 n-Butylbenzene
 Concen: 2.836 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion: 91 Resp: 455
 Ion Ratio Lower Upper
 91 100
 92 29.9 25.9 77.6
 134 0.0 12.4 37.0#

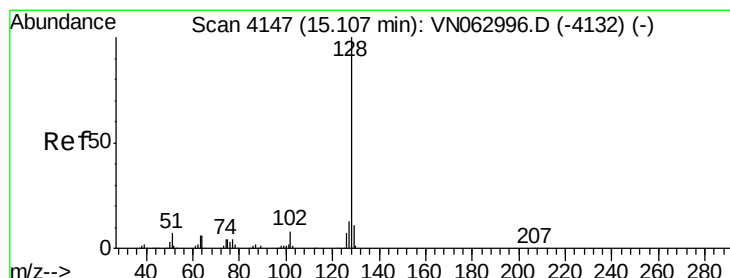
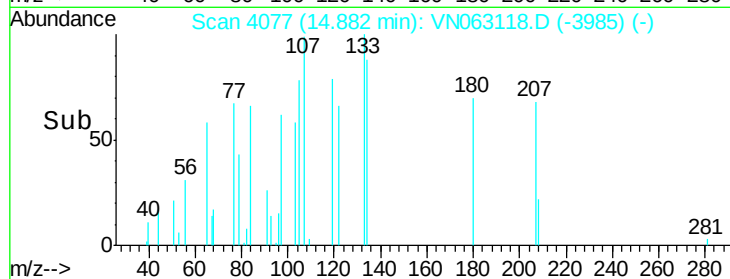
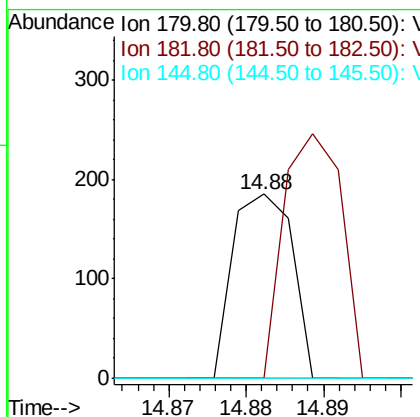
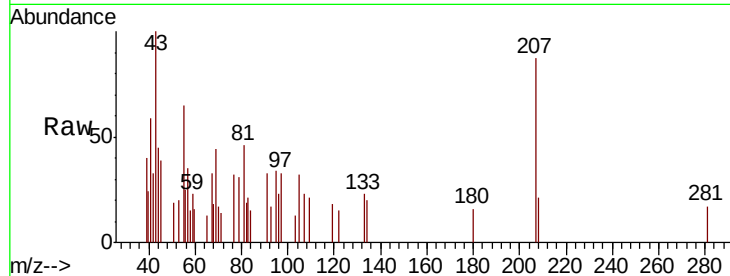




#93
 1,2,4-Trichlorobenzene
 Concen: 4.588 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

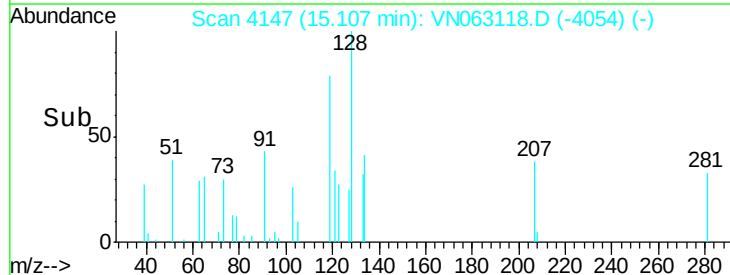
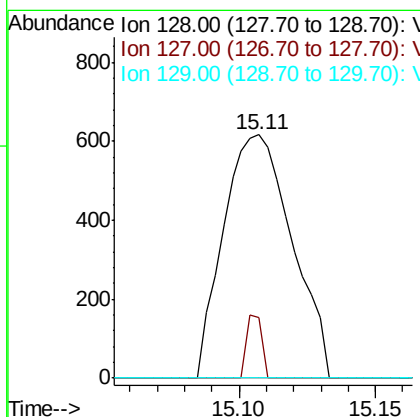
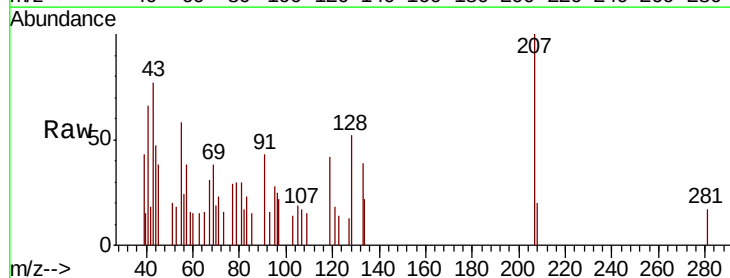
Instrument :
 MSVOA_N
 ClientSampled :
 1794

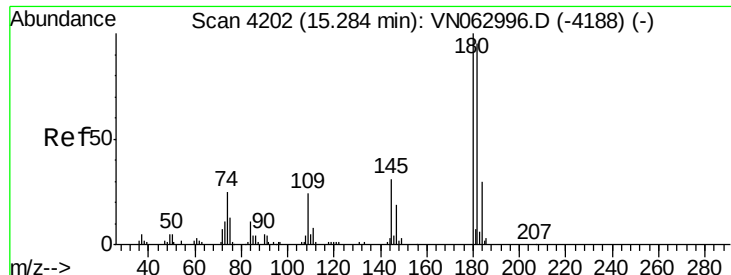
Tot Ion:180 Resp: 99
 Ion Ratio Lower Upper
 180 100
 182 129.3 47.0 141.2
 145 0.0 14.1 42.4#



#95
 Naphthalene
 Concen: 5.841 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Tgt Ion:128 Resp: 1074
 Ion Ratio Lower Upper
 128 100
 127 5.6 10.6 16.0#
 129 0.0 8.9 13.3#

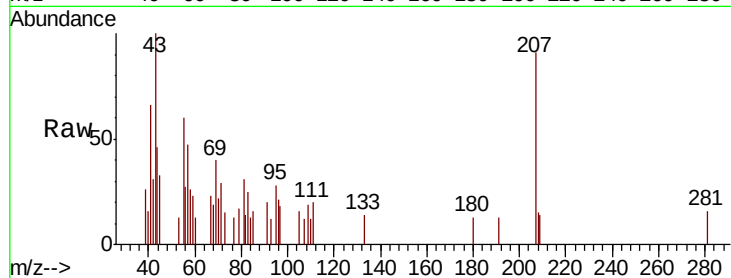




#96
 1,2,3-Trichlorobenzene
 Concen: 3.994 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.01 min
 Lab File: VN063118.D
 Acq: 25 Aug 2020 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 1794

Tot Ion	Ratio	Lower	Upper
180	100		
182	109.5	47.3	141.9
145	0.0	15.6	46.7#



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

