

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
 Data File : VN061658.D
 Acq On : 5 Jun 2020 9:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 03:18:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	337574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	535385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	510524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	169376	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
35) Dibromofluoromethane	7.54	113	130644	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.06	98	586231	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.37	95	215705	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182403	46.87	ug/l	97
3) Chloromethane	2.03	50	190406	46.25	ug/l	100
4) Vinyl Chloride	2.16	62	259512	45.99	ug/l	98
5) Bromomethane	2.53	94	163877	50.62	ug/l	98
6) Chloroethane	2.67	64	170433	46.93	ug/l	99
7) Trichlorofluoromethane	2.98	101	324724	44.63	ug/l	100
8) Diethyl Ether	3.37	74	102281	45.97	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162363	50.29	ug/l	100
10) Methyl Iodide	3.91	142	212836	47.49	ug/l	99
11) Tert butyl alcohol	4.73	59	128965	241.07	ug/l	100
12) 1,1-Dichloroethene	3.69	96	158454	45.94	ug/l	96
13) Acrolein	3.56	56	45001	296.02	ug/l	95
14) Allyl chloride	4.27	41	200524	44.47	ug/l	97
15) Acrylonitrile	4.92	53	338852	226.93	ug/l	100
16) Acetone	3.77	43	346078	313.80	ug/l	99
17) Carbon Disulfide	4.01	76	328198	43.25	ug/l	98
18) Methyl Acetate	4.27	43	162216	44.55	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	546074	46.45	ug/l	98
20) Methylene Chloride	4.50	84	182535	49.93	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	183781	47.24	ug/l	95
22) Diisopropyl ether	5.90	45	468850	47.17	ug/l	100
23) Vinyl Acetate	5.84	43	1744742	220.24	ug/l	98
24) 1,1-Dichloroethane	5.79	63	298327	47.33	ug/l	99
25) 2-Butanone	6.78	43	454887	238.64	ug/l	100
26) 2,2-Dichloropropane	6.77	77	289044	50.11	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	213984	48.58	ug/l	100
28) Bromochloromethane	7.15	49	113664	47.98	ug/l	97
29) Tetrahydrofuran	7.17	42	272138	216.51	ug/l	99
30) Chloroform	7.32	83	341303	48.95	ug/l	97
31) Cyclohexane	7.61	56	254085	44.83	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	305805	48.13	ug/l	99
36) 1,1-Dichloropropene	7.75	75	243736	51.43	ug/l	99
37) Ethyl Acetate	6.88	43	184532	48.34	ug/l	99
38) Carbon Tetrachloride	7.73	117	255629	55.92	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	287390	49.20	ug/l	96
40) Benzene	8.00	78	743383	50.83	ug/l	98
41) Methacrylonitrile	7.11	41	69230	39.58	ug/l	92
42) 1,2-Dichloroethane	8.08	62	241795	49.39	ug/l	100
43) Isopropyl Acetate	8.12	43	315528	45.94	ug/l	92
44) Trichloroethene	8.80	130	233830	52.03	ug/l	96
45) 1,2-Dichloropropane	9.08	63	179748	51.76	ug/l	99
46) Dibromomethane	9.17	93	134371	50.45	ug/l	96
47) Bromodichloromethane	9.37	83	274485	52.02	ug/l	99
48) Methyl methacrylate	9.16	41	142168	46.01	ug/l	99
49) 1,4-Dioxane	9.16	88	59529	1243.58	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	917498	237.06	ug/l	99
52) Toluene	10.12	92	504651	52.87	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	295235	51.94	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	315438	51.61	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	196055	51.56	ug/l	98
56) Ethyl methacrylate	10.40	69	271063	51.03	ug/l	97
57) 1,3-Dichloropropane	10.68	76	316264	52.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	469422	206.79	ug/l	99
59) 2-Hexanone	10.72	43	689793	248.17	ug/l	99
60) Dibromochloromethane	10.87	129	230873	53.40	ug/l	99
61) 1,2-Dibromoethane	10.98	107	207315	52.27	ug/l	100
64) Tetrachloroethene	10.60	164	257268	53.53	ug/l	96
65) Chlorobenzene	11.40	112	559636	52.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	216022	54.67	ug/l	99
67) Ethyl Benzene	11.48	91	971063	52.94	ug/l	99
68) m/p-Xylenes	11.59	106	780422	107.31	ug/l	98
69) o-Xylene	11.92	106	368377	53.33	ug/l	98
70) Styrene	11.94	104	626320	54.75	ug/l	99
71) Bromoform	12.10	173	165047	54.21	ug/l #	99
73) Isopropylbenzene	12.22	105	984812	51.43	ug/l	99
74) N-amyl acetate	12.04	43	280890	46.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	247692	46.16	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	331302	69.45	ug/l #	100
77) Bromobenzene	12.50	156	252759	51.72	ug/l	96
78) n-propylbenzene	12.56	91	1100058	51.46	ug/l	100
79) 2-Chlorotoluene	12.65	91	633527	49.71	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	816725	51.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87891	47.12	ug/l	98
82) 4-Chlorotoluene	12.75	91	671559	50.08	ug/l	99
83) tert-Butylbenzene	12.97	119	703083	49.72	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	822232	51.72	ug/l	99
85) sec-Butylbenzene	13.15	105	911812	50.04	ug/l	100
86) p-Isopropyltoluene	13.26	119	854723	50.94	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	459597	53.10	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	462036	52.41	ug/l	99
89) n-Butylbenzene	13.59	91	702607	49.99	ug/l	99
90) Hexachloroethane	13.85	117	120418	64.89	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	432620	52.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45927	41.97	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
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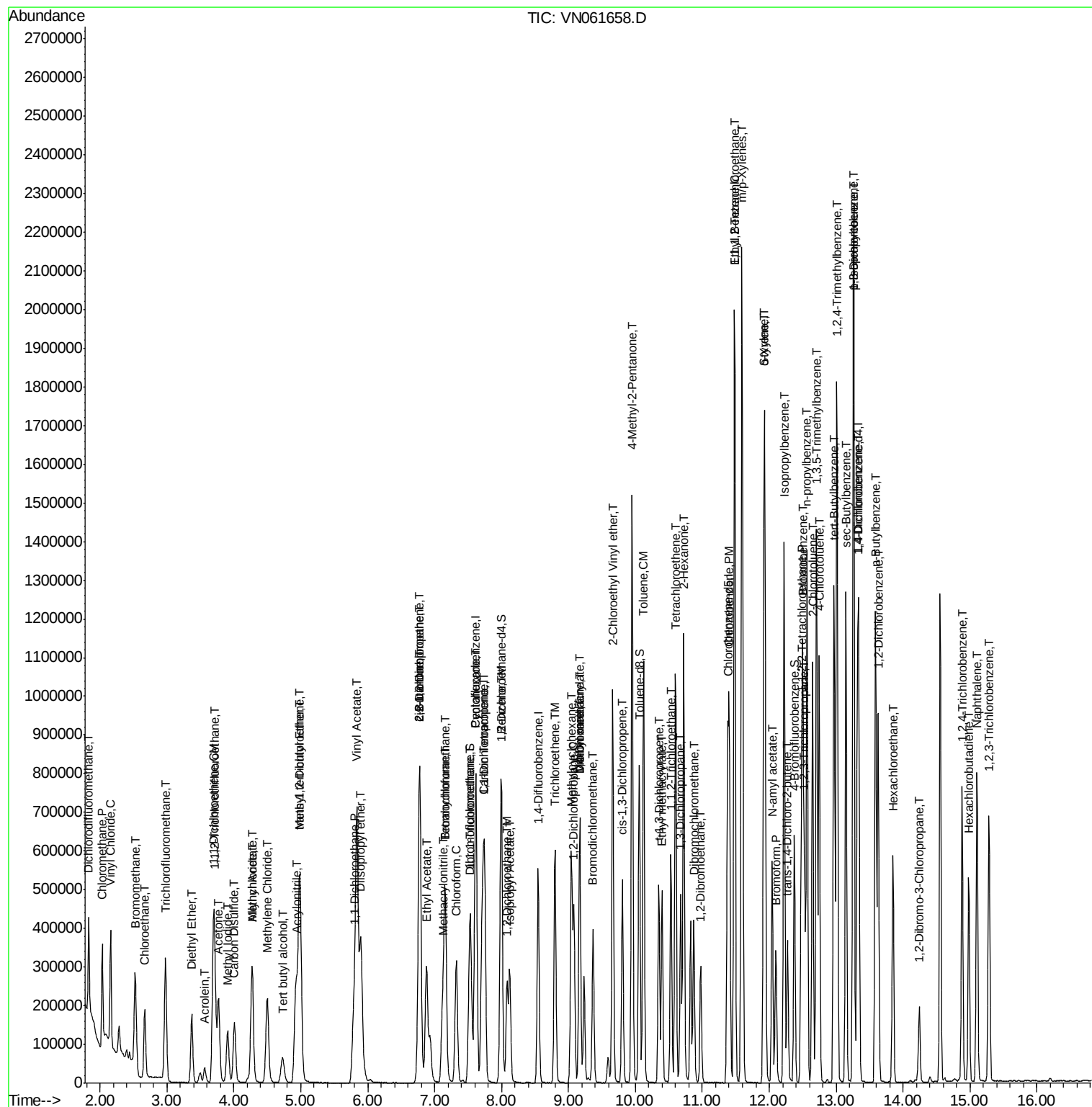
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	256608	53.05	ug/l	99
94) Hexachlorobutadiene	14.99	225	99940	48.44	ug/l	100
95) Naphthalene	15.10	128	716877	48.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	242868	51.07	ug/l	99

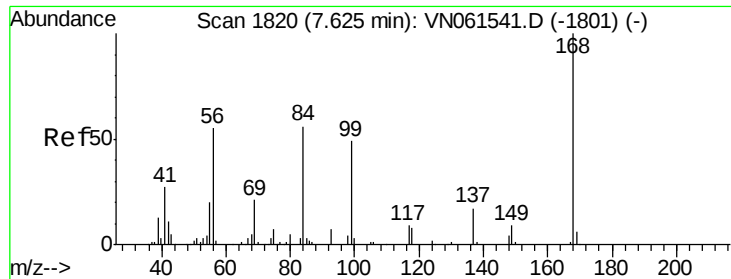
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

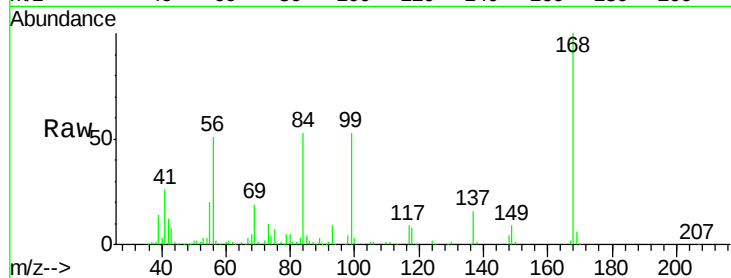
VSTDCCC050

Tgt Ion:168 Resp: 337574

Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

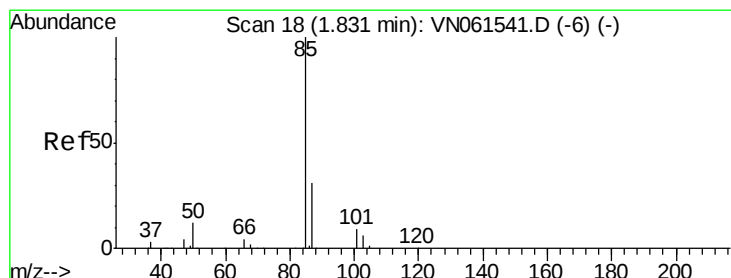
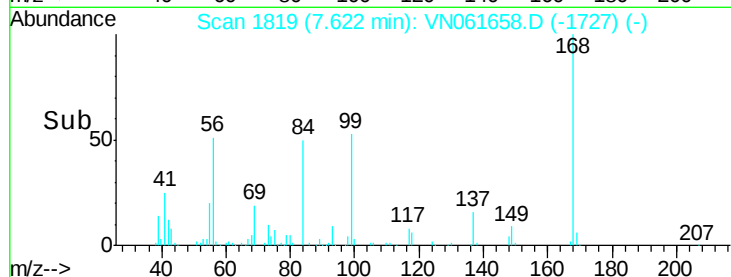
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.87 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061658.D

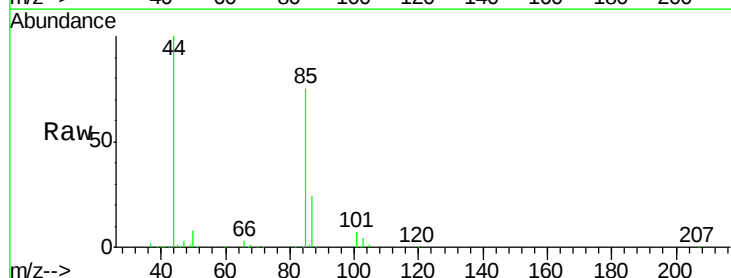
Acq: 5 Jun 2020 9:45

Tgt Ion: 85 Resp: 182403

Ion Ratio Lower Upper

85 100

87 32.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

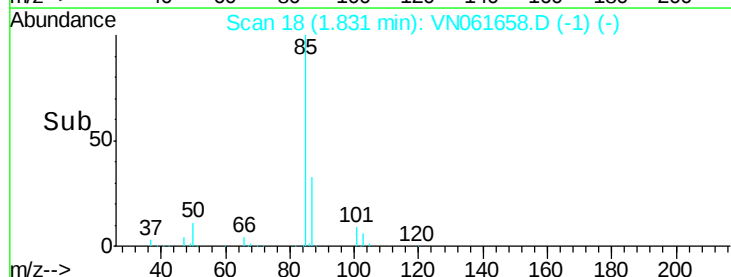
100000

50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 46.25 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

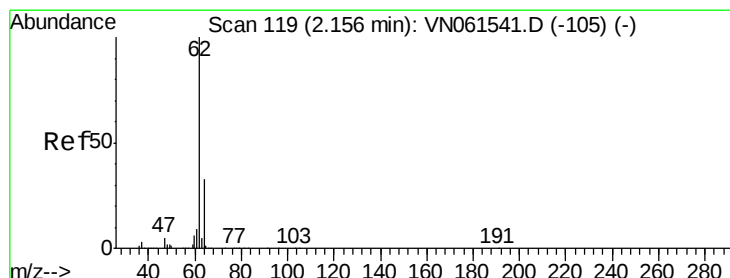
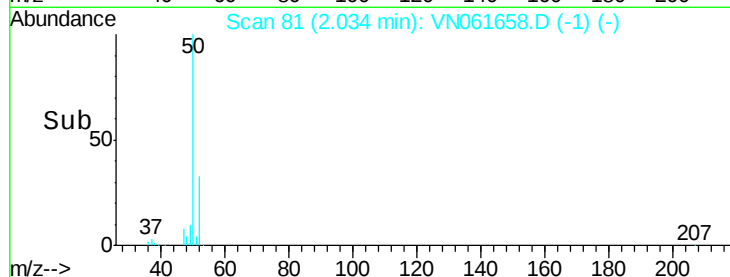
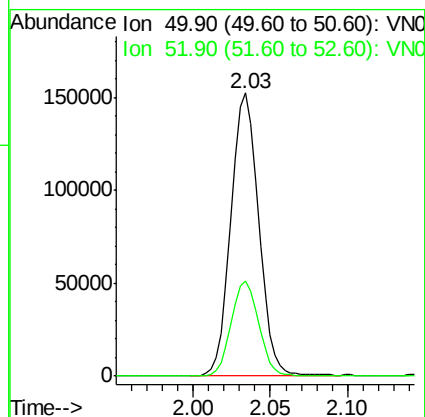
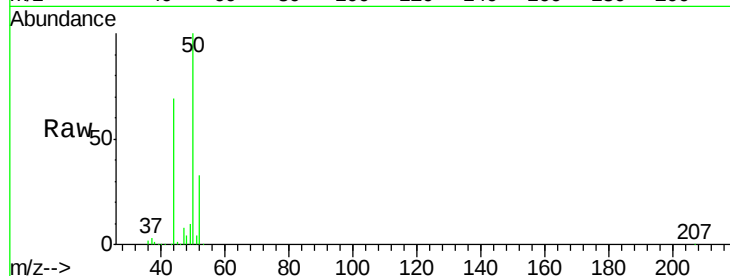
VSTDCCC050

Tgt Ion: 50 Resp: 190406

Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



#4

Vinyl Chloride

Concen: 45.99 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061658.D

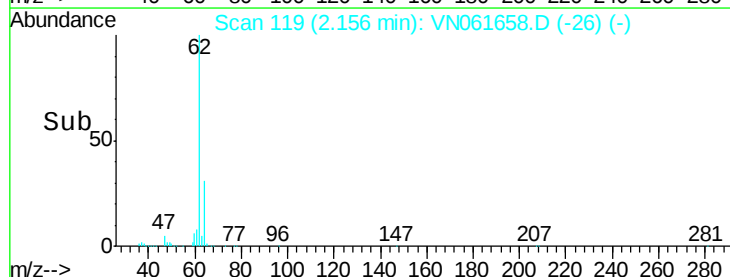
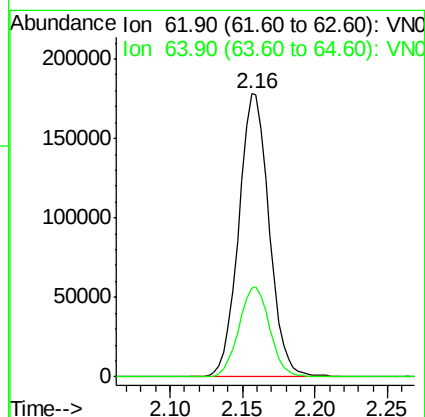
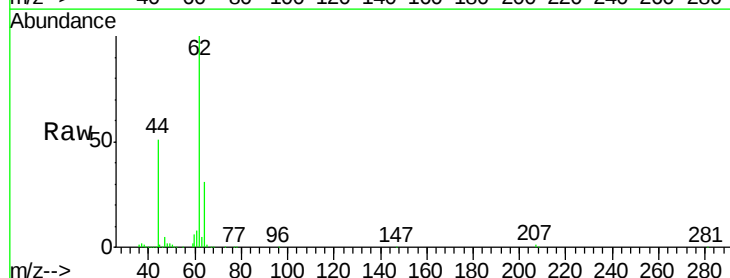
Acq: 5 Jun 2020 9:45

Tgt Ion: 62 Resp: 259512

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2





#5

Bromomethane

Concen: 50.62 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

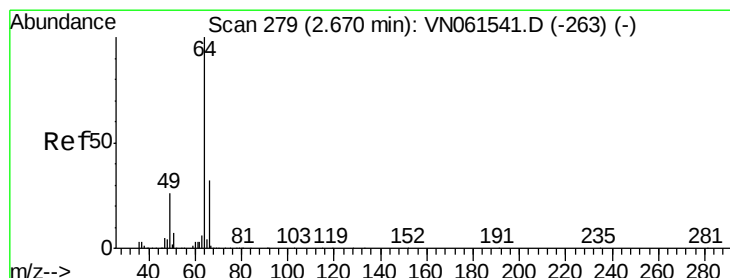
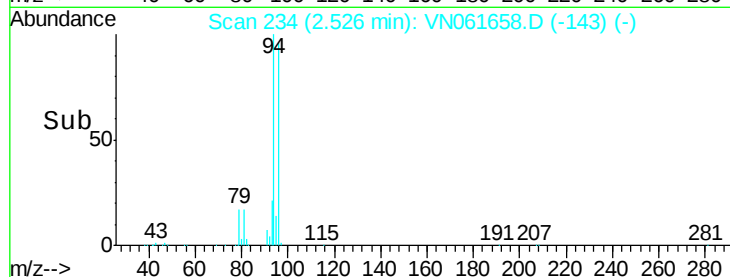
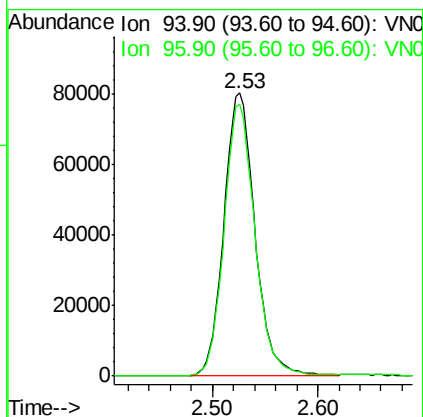
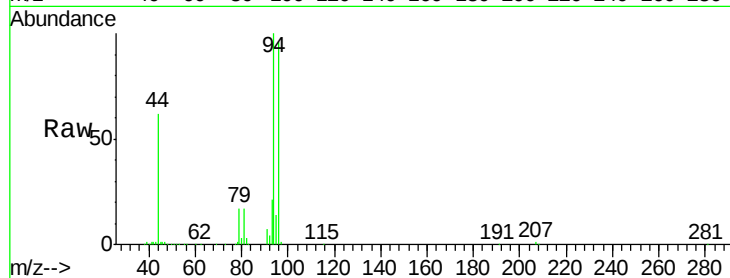
VSTDCCC050

Tgt Ion: 94 Resp: 163877

Ion Ratio Lower Upper

94 100

96 95.8 74.8 112.2



#6

Chloroethane

Concen: 46.93 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061658.D

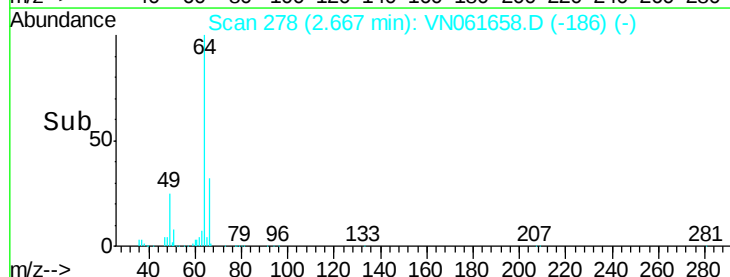
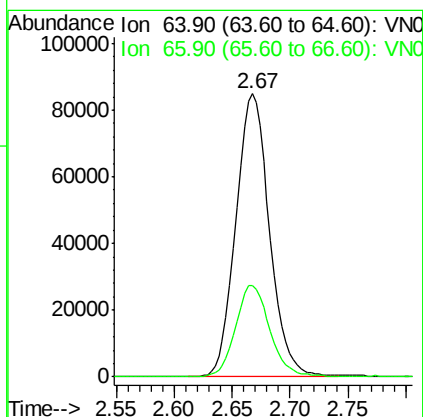
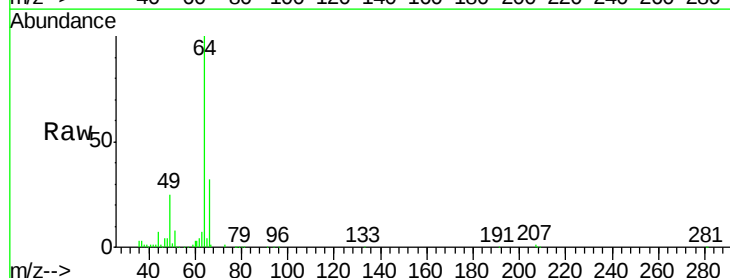
Acq: 5 Jun 2020 9:45

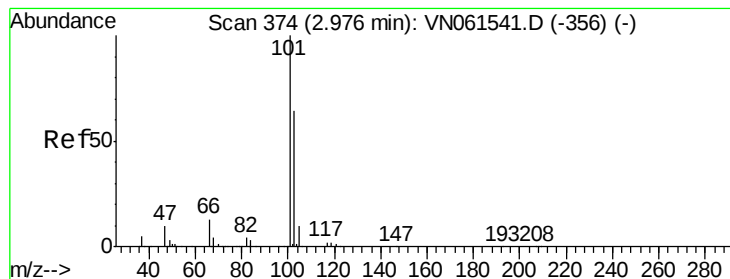
Tgt Ion: 64 Resp: 170433

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



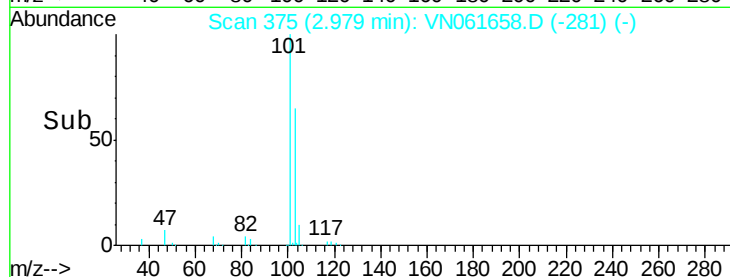
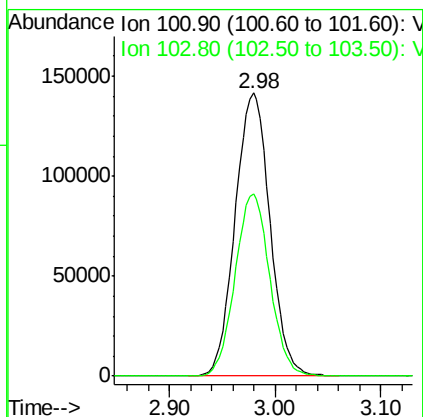
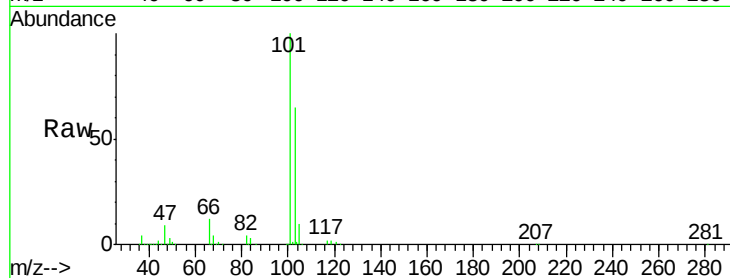


#7

Trichlorofluoromethane
 Concen: 44.63 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

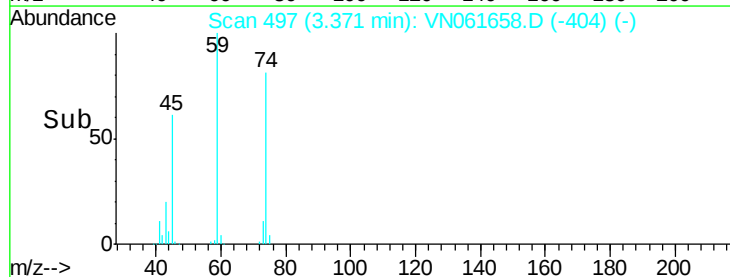
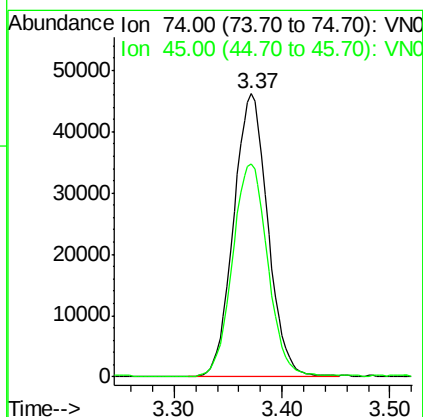
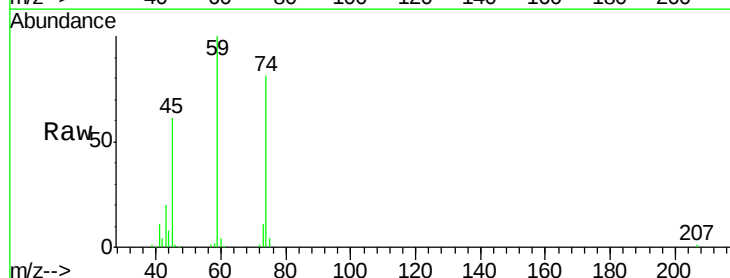
Tgt Ion:101 Resp: 324724
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

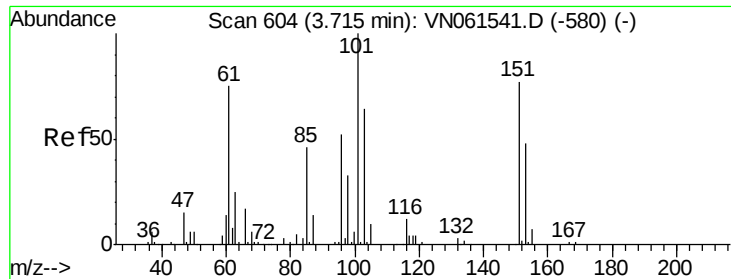


#8

Diethyl Ether
 Concen: 45.97 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion: 74 Resp: 102281
 Ion Ratio Lower Upper
 74 100
 45 77.3 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.29 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

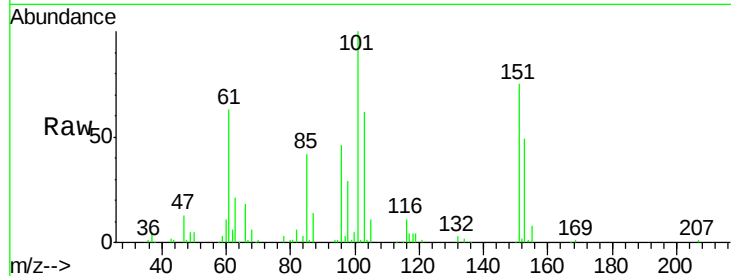
Tgt Ion:101 Resp: 162363

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

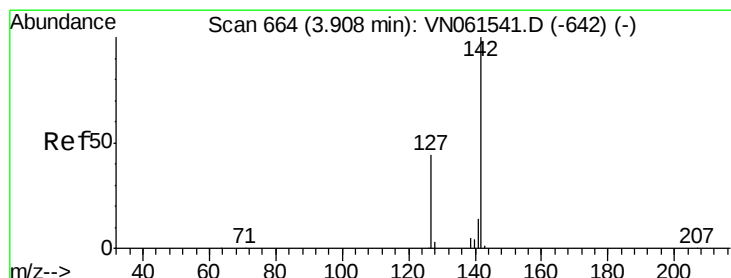
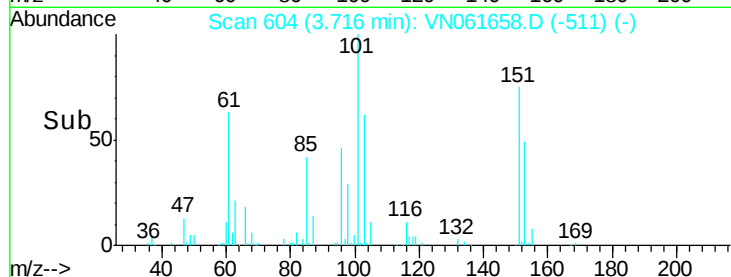
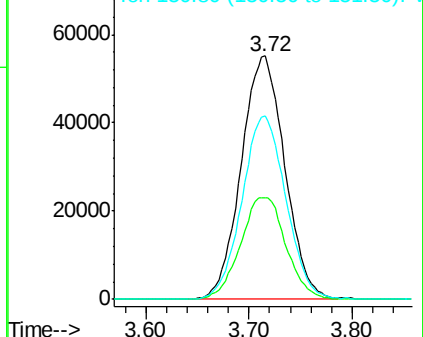
151 76.1 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.49 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

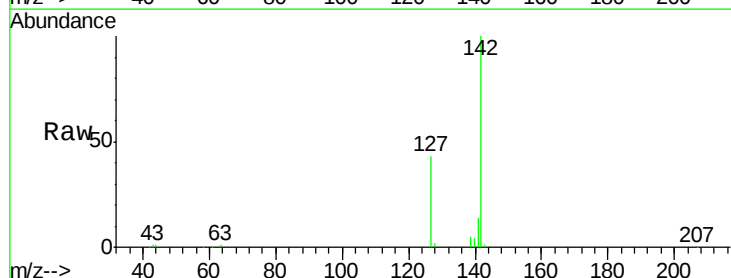
Tgt Ion:142 Resp: 212836

Ion Ratio Lower Upper

142 100

127 44.0 35.5 53.3

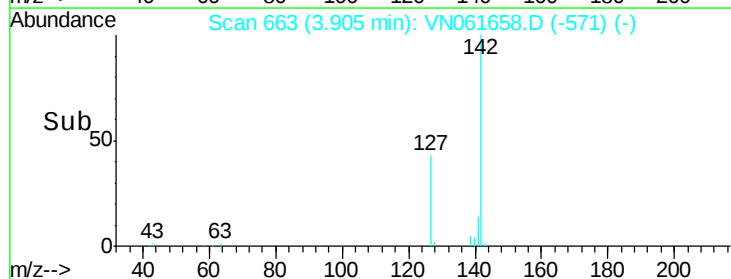
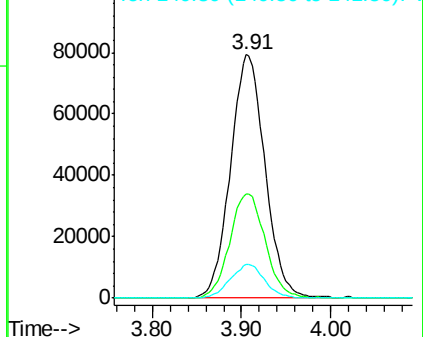
141 13.8 11.5 17.3

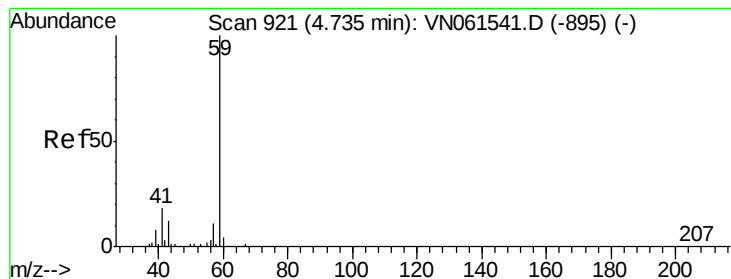


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 241.07 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

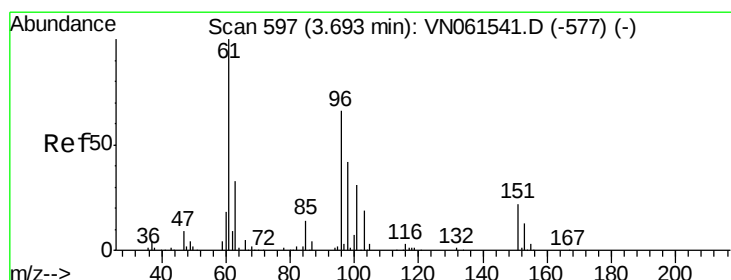
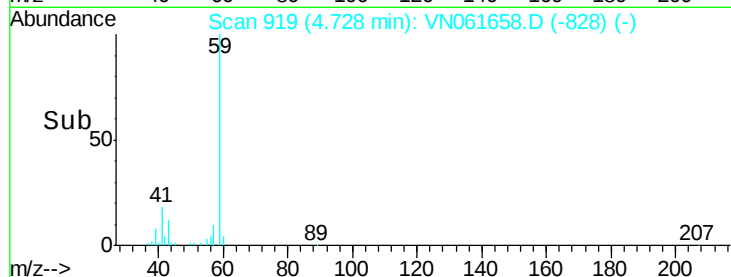
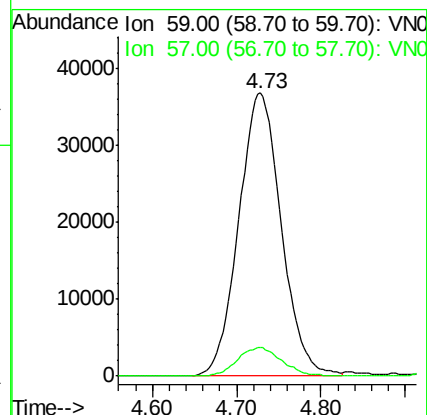
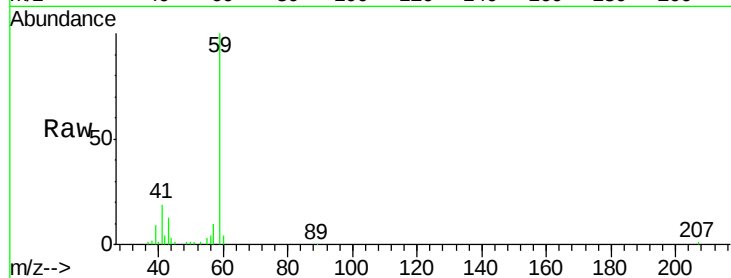
VSTDCCC050

Tgt Ion: 59 Resp: 128965

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#12

1,1-Dichloroethene

Concen: 45.94 ug/l

RT: 3.69 min Scan# 597

Delta R.T. 0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

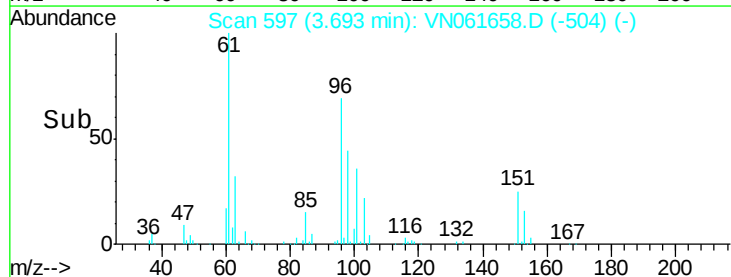
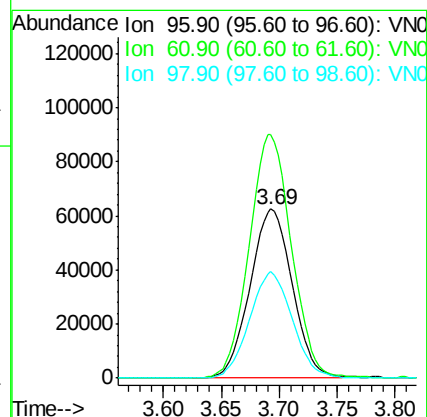
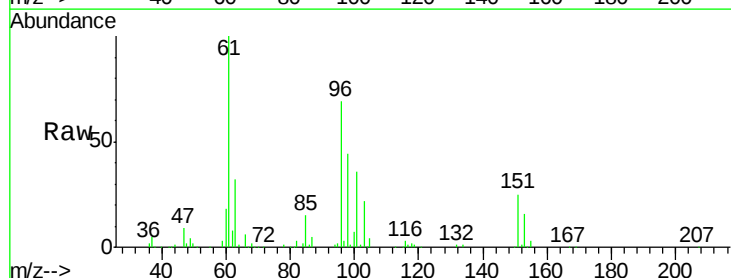
Tgt Ion: 96 Resp: 158454

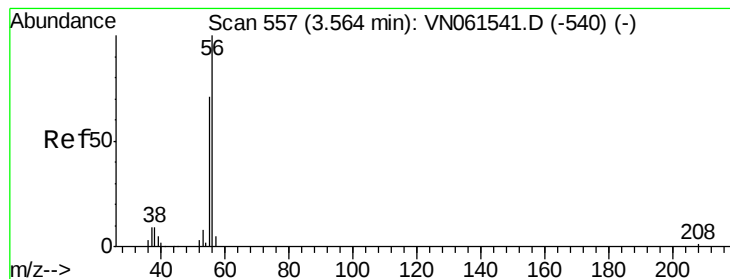
Ion Ratio Lower Upper

96 100

61 143.9 120.5 180.7

98 62.9 50.8 76.2





#13

Acrolein

Concen: 296.02 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

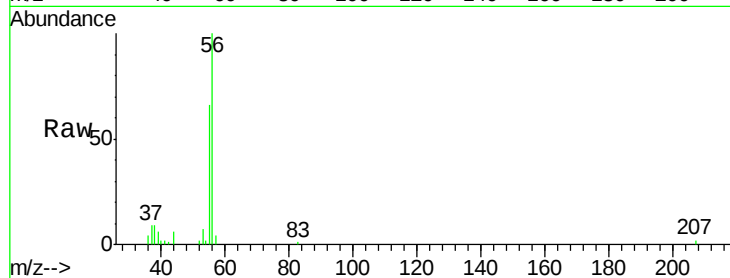
VSTDCCC050

Tgt Ion: 56 Resp: 45001

Ion Ratio Lower Upper

56 100

55 68.6 58.0 87.0

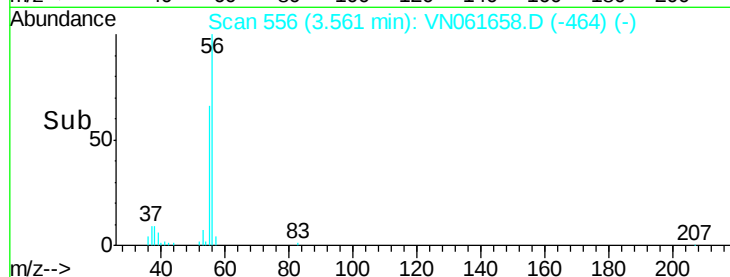


Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.56

Time-->

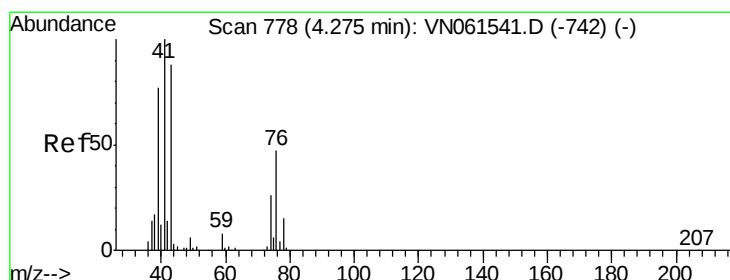


Abundance Ion 56.00 (55.70 to 56.70): VN061658.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN061658.D (-464) (-)

3.56

Time-->



#14

Allyl chloride

Concen: 44.47 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

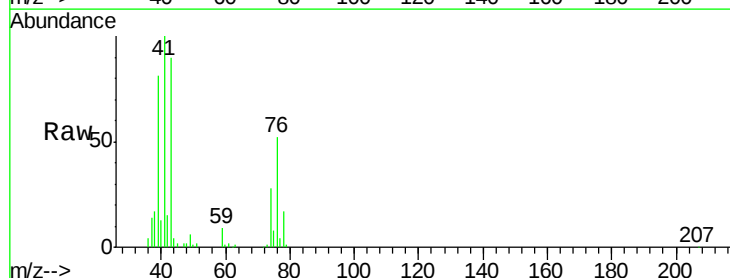
Tgt Ion: 41 Resp: 200524

Ion Ratio Lower Upper

41 100

39 74.7 58.6 88.0

76 46.7 34.2 51.4



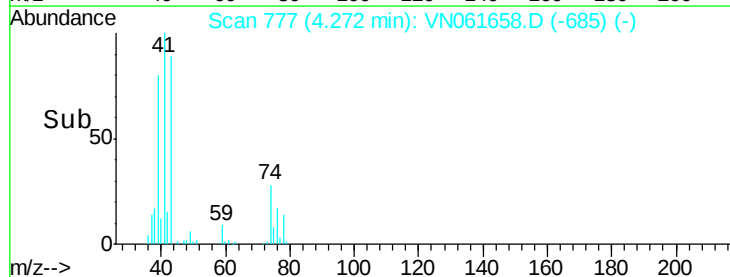
Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.27

Time-->



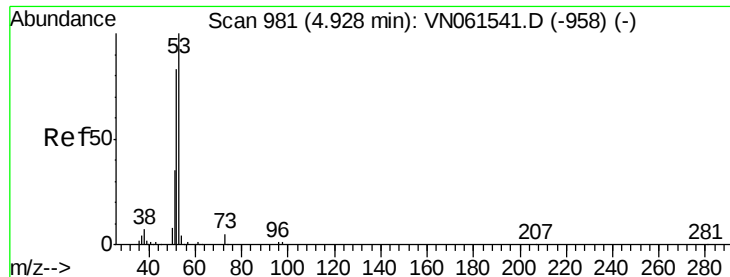
Abundance Ion 41.00 (40.70 to 41.70): VN061658.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061658.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061658.D (-685) (-)

4.27

Time-->



#15

Acrylonitrile

Concen: 226.93 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

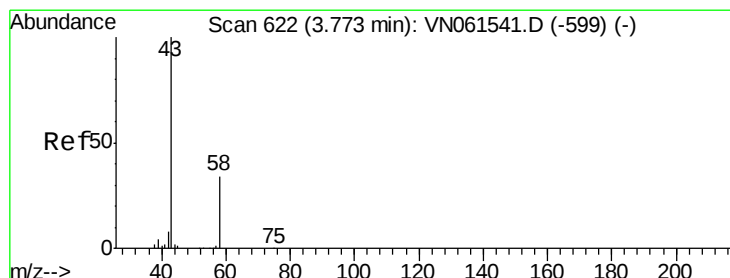
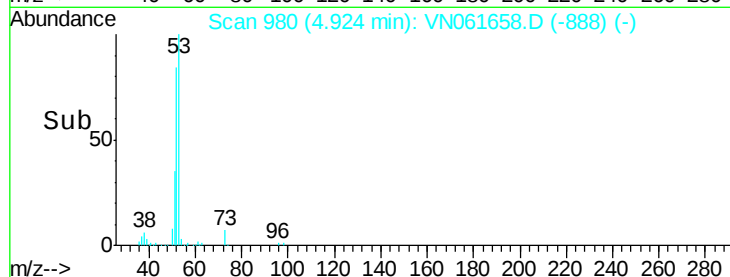
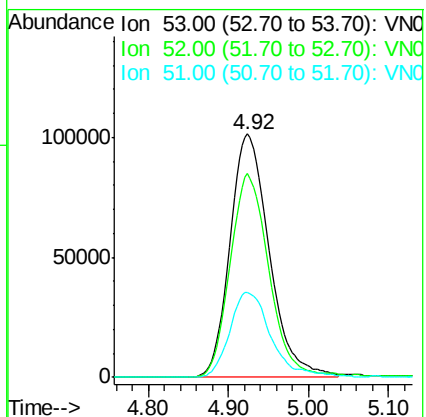
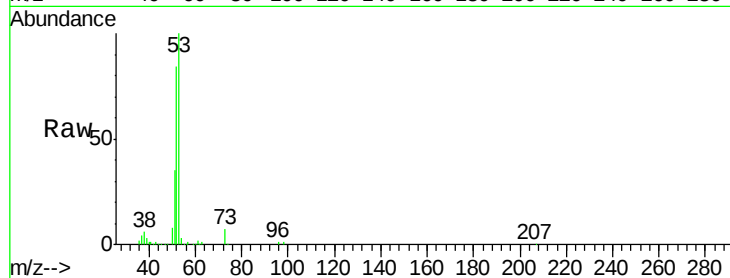
Tgt Ion: 53 Resp: 338852

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.2

51 36.8 29.0 43.6



#16

Acetone

Concen: 313.80 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061658.D

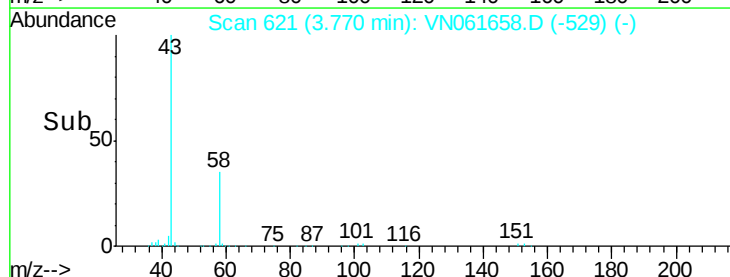
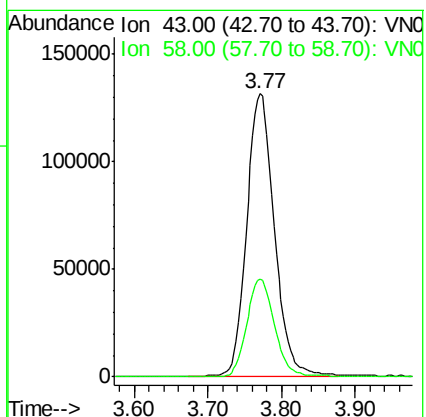
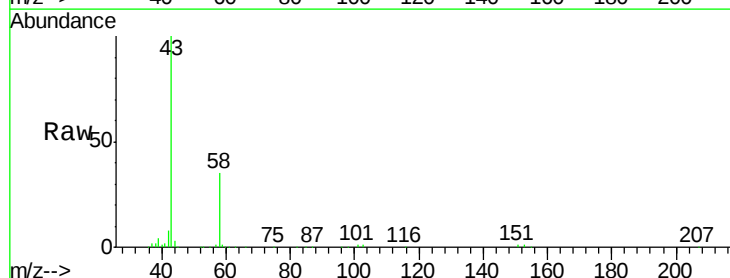
Acq: 5 Jun 2020 9:45

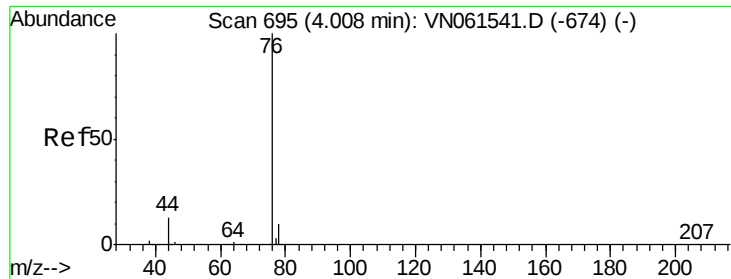
Tgt Ion: 43 Resp: 346078

Ion Ratio Lower Upper

43 100

58 34.6 27.2 40.8

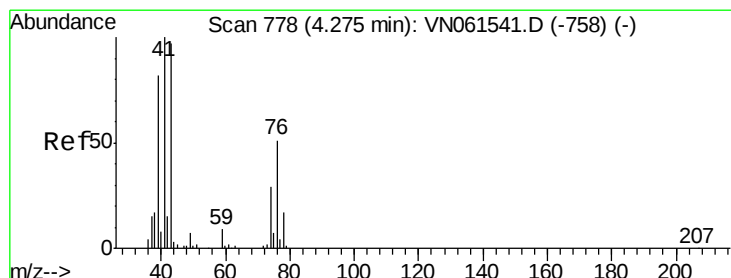
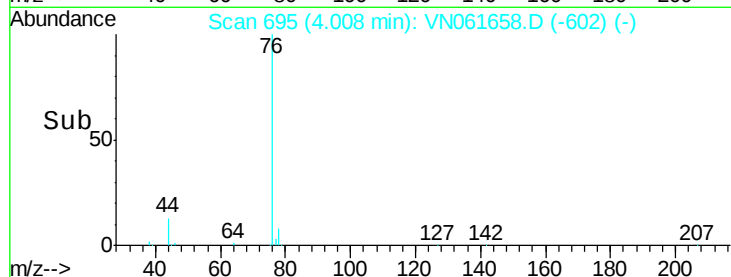
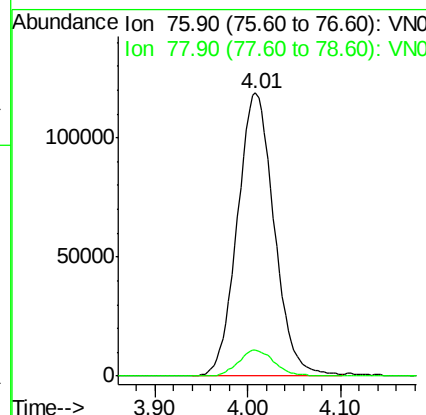
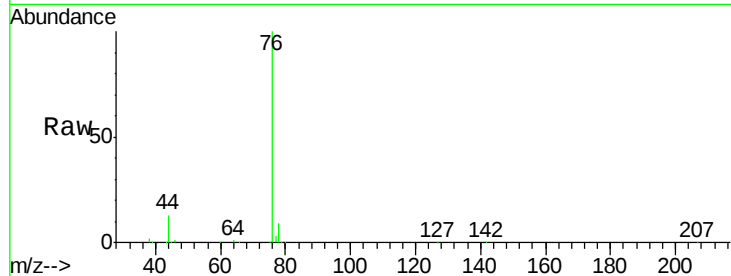




#17
Carbon Disulfide
Concen: 43.25 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

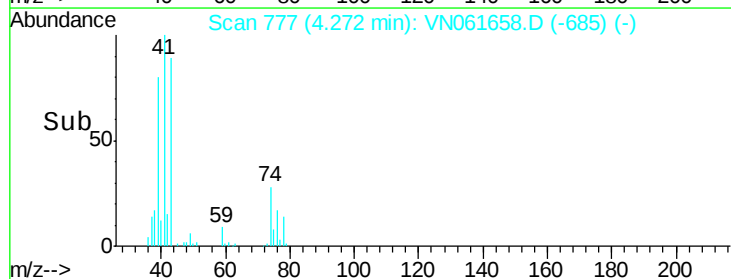
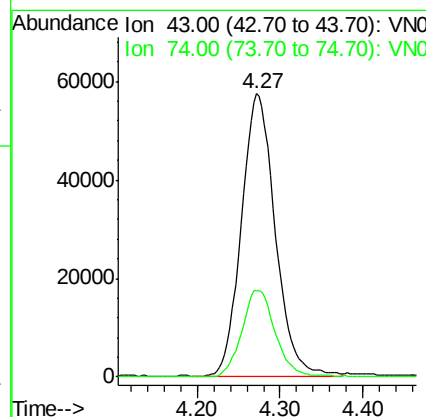
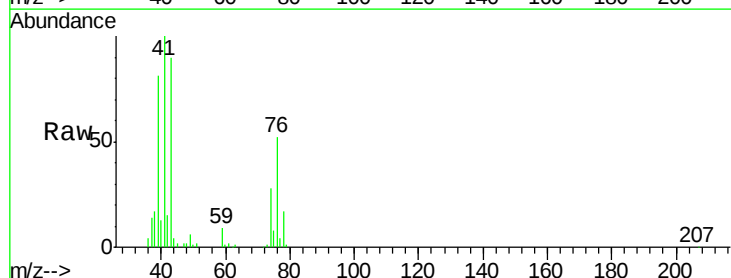
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

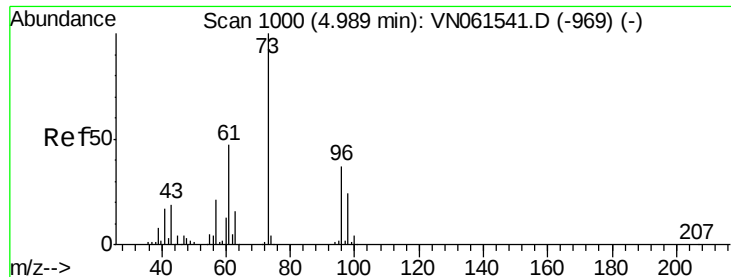
Tgt Ion: 76 Resp: 328198
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6



#18
Methyl Acetate
Concen: 44.55 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 43 Resp: 162216
Ion Ratio Lower Upper
43 100
74 30.1 23.2 34.8

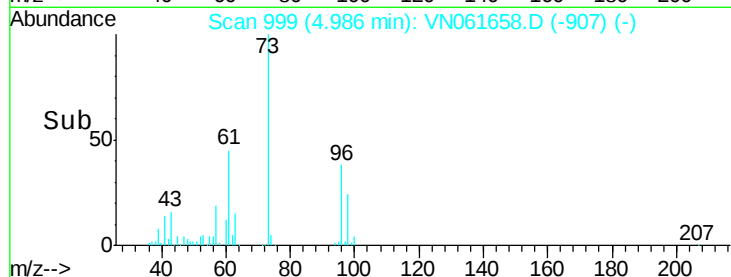
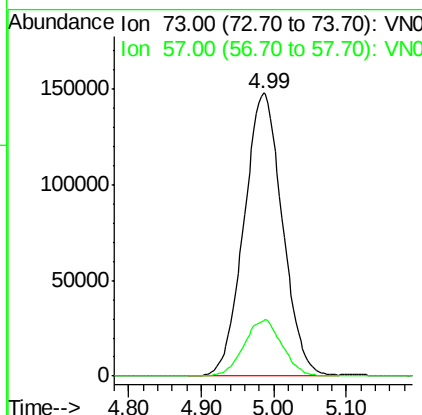
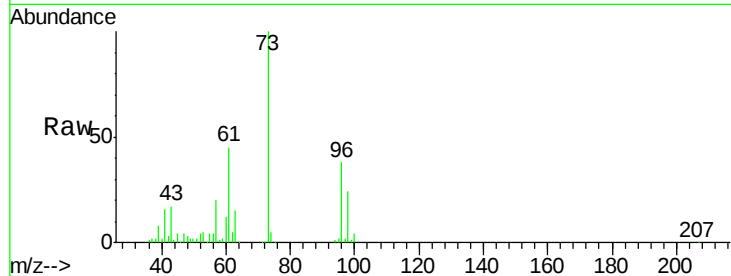




#19
Methyl tert-butyl Ether
Concen: 46.45 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

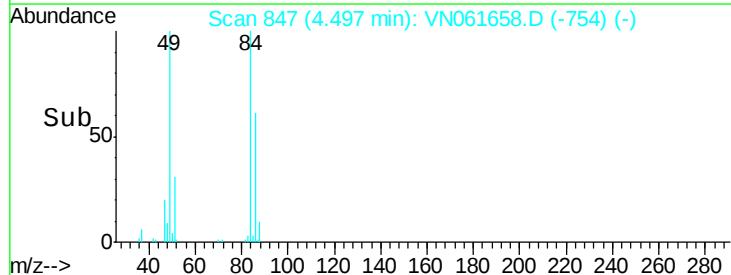
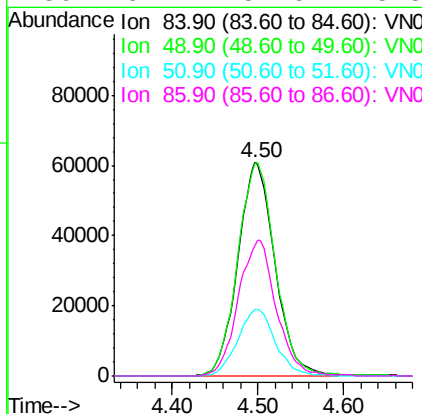
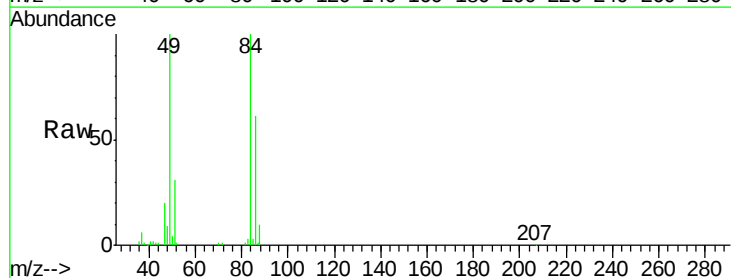
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

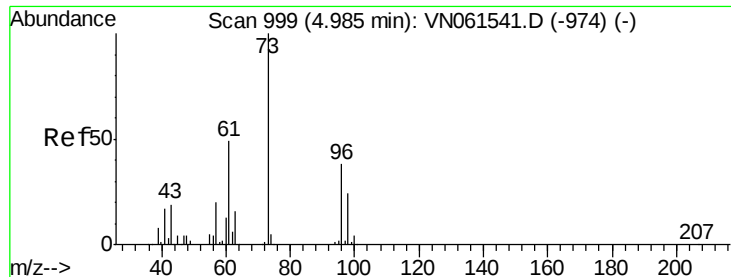
Tgt Ion: 73 Resp: 546074
Ion Ratio Lower Upper
73 100
57 19.7 16.4 24.6



#20
Methylene Chloride
Concen: 49.93 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 84 Resp: 182535
Ion Ratio Lower Upper
84 100
49 99.7 85.8 128.8
51 31.1 26.2 39.2
86 61.4 52.6 78.8

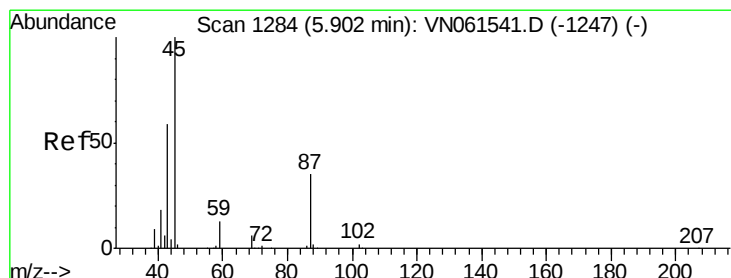
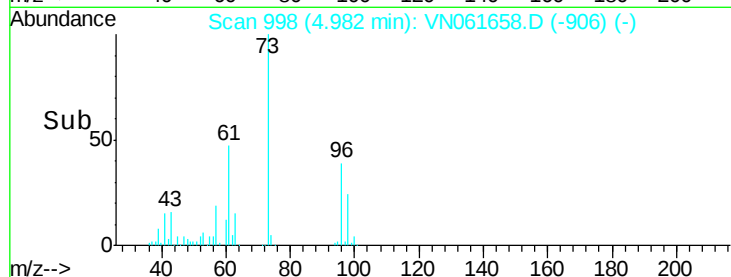
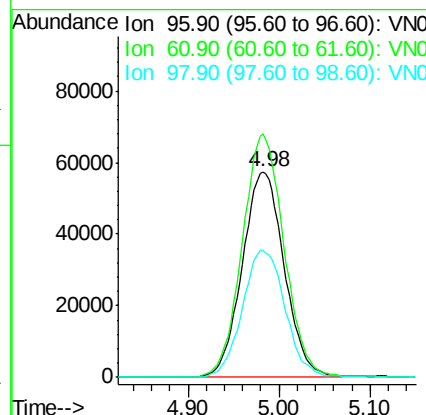
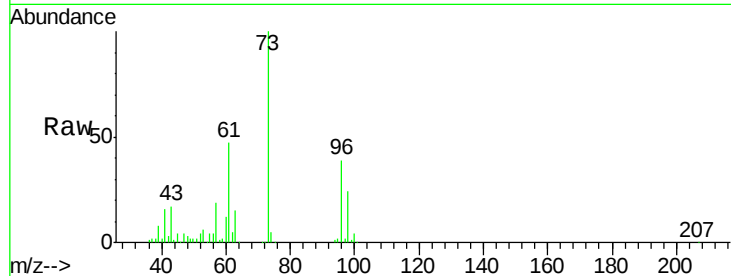




#21
trans-1,2-Dichloroethene
Concen: 47.24 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

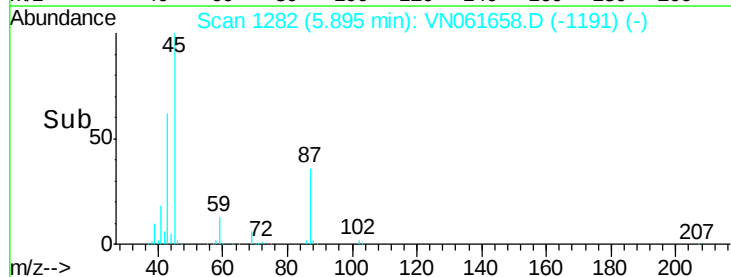
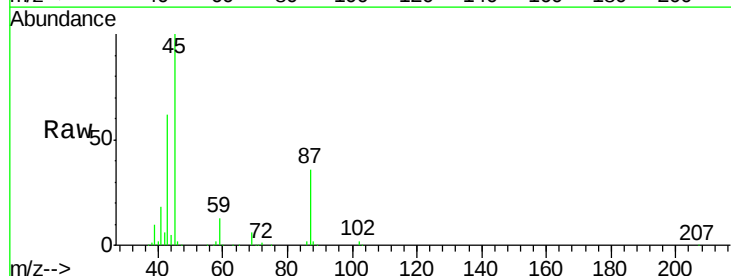
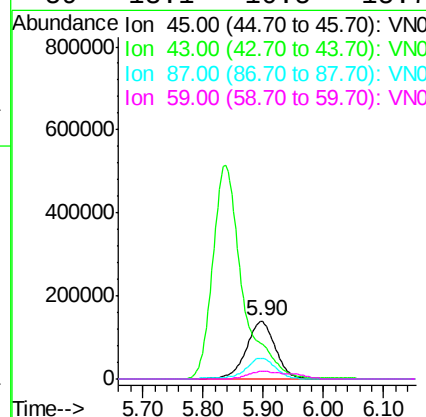
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

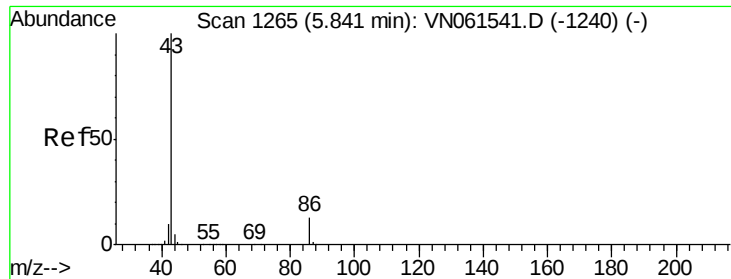
Tgt Ion: 96 Resp: 183781
Ion Ratio Lower Upper
96 100
61 118.4 101.4 152.0
98 61.7 50.6 76.0



#22
Diisopropyl ether
Concen: 47.17 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 45 Resp: 468850
Ion Ratio Lower Upper
45 100
43 60.2 47.9 71.9
87 35.9 28.4 42.6
59 13.1 10.5 15.7

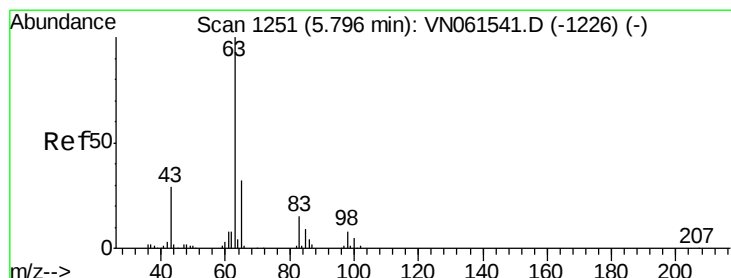
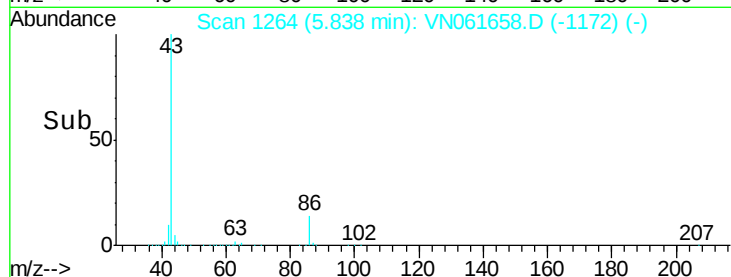
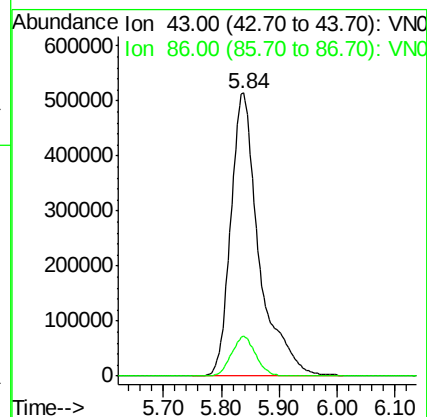
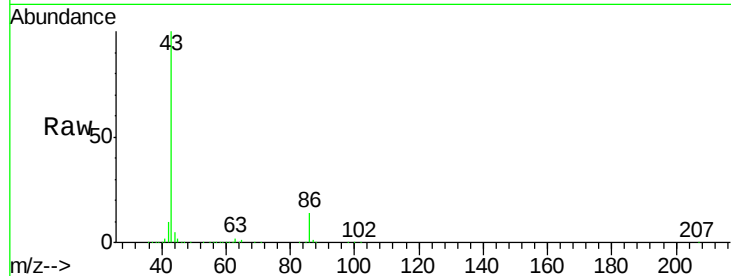




#23
 Vinyl Acetate
 Concen: 220.24 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

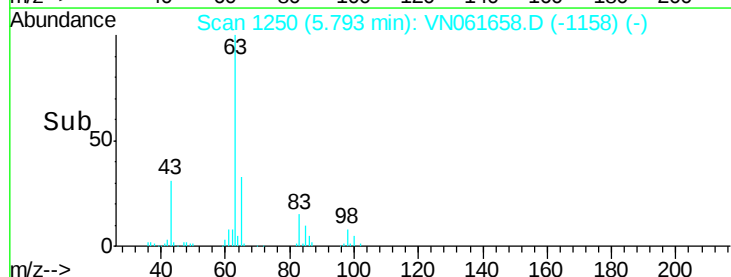
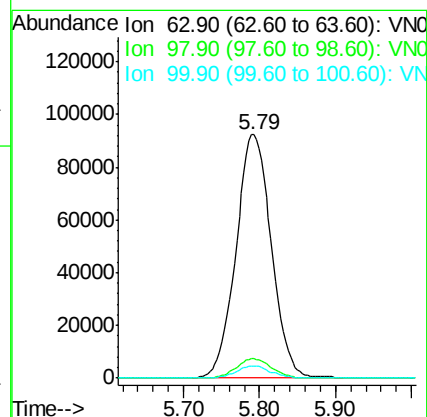
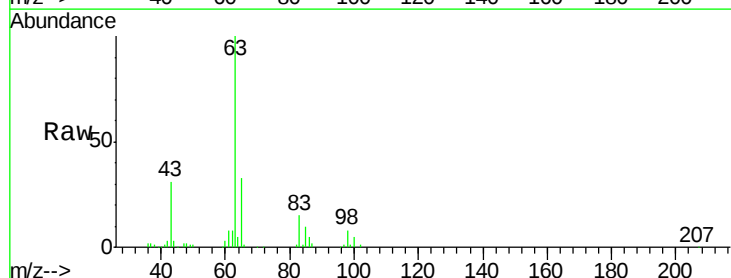
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 1744742
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 47.33 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion: 63 Resp: 298327
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.9 2.5 7.6

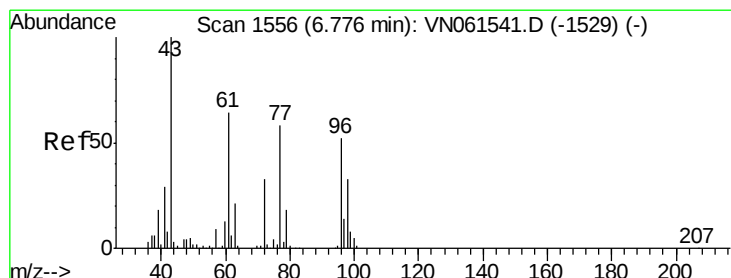
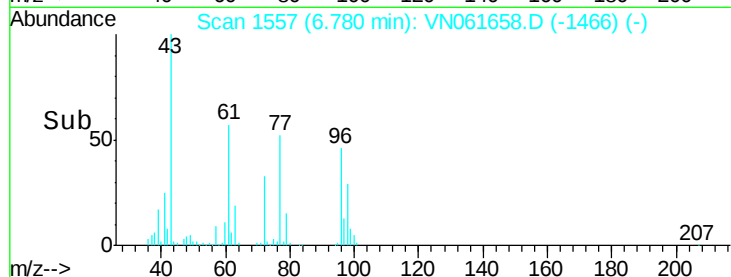
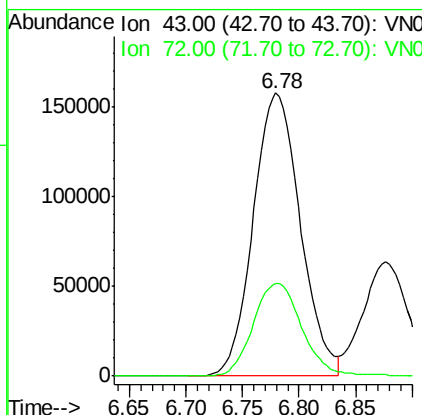
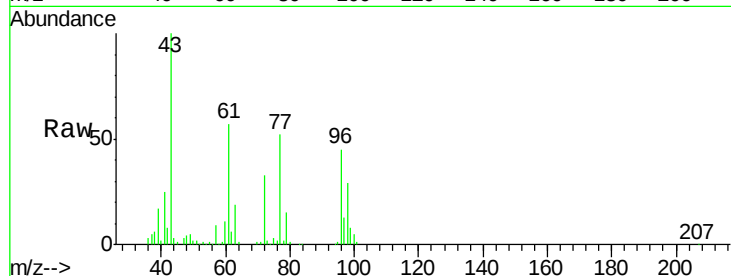




#25
2-Butanone
Concen: 238.64 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

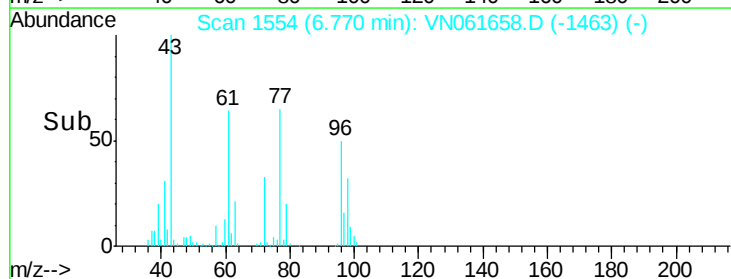
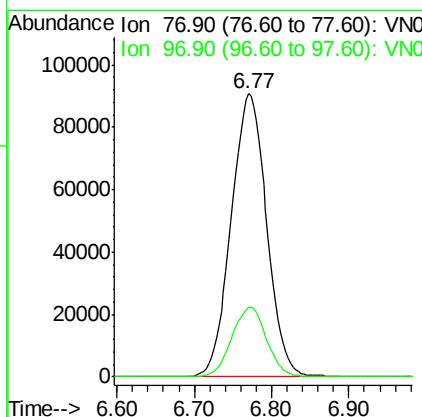
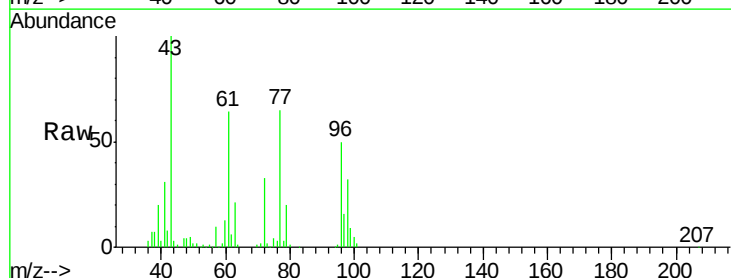
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

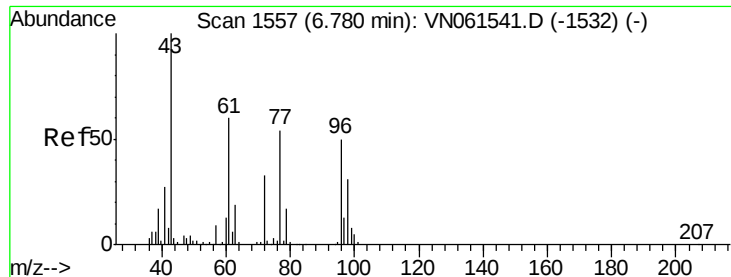
Tgt Ion: 43 Resp: 454887
Ion Ratio Lower Upper
43 100
72 32.8 26.0 39.0



#26
2,2-Dichloropropane
Concen: 50.11 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 77 Resp: 289044
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.58 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

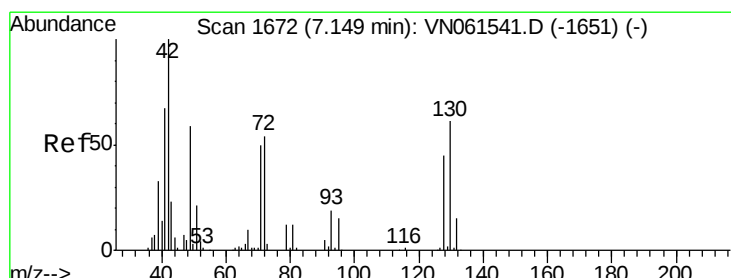
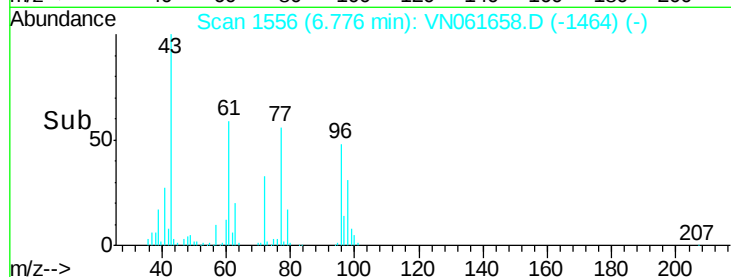
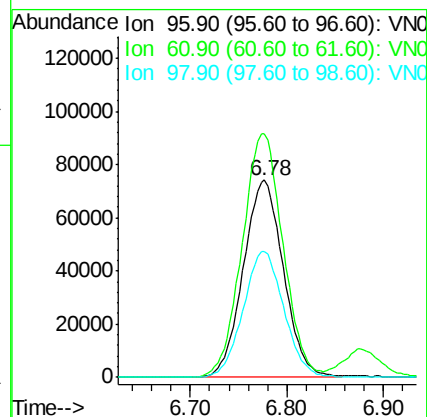
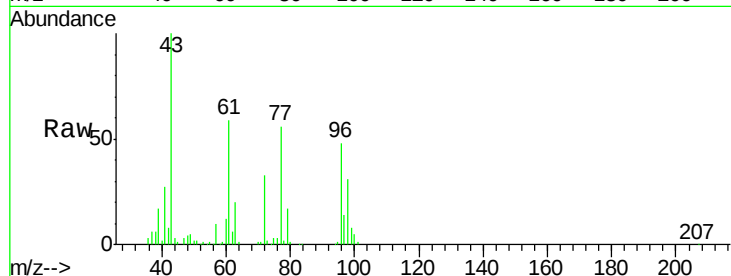
Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 213984

Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	252.2
98	64.8	0.0	129.2



#28

Bromochloromethane

Concen: 47.98 ug/l

RT: 7.15 min Scan# 1671

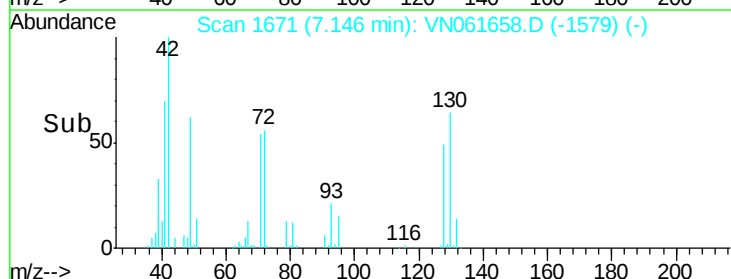
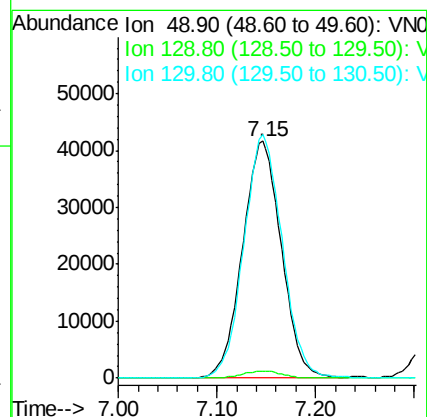
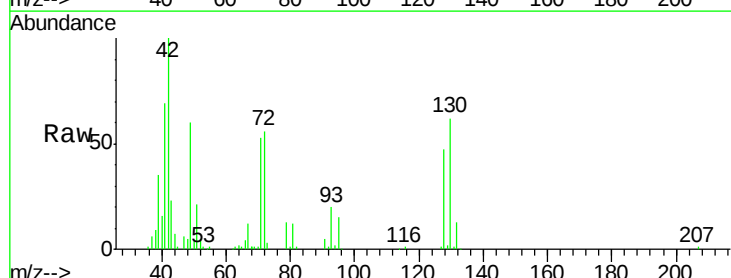
Delta R.T. -0.00 min

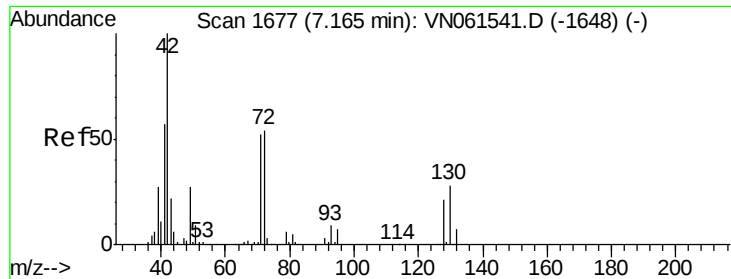
Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Tgt Ion: 49 Resp: 113664

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	101.5	78.8	118.2

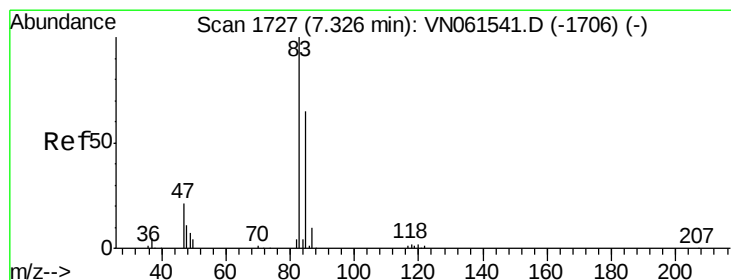
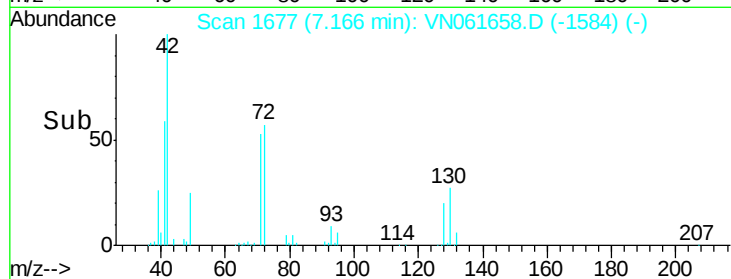
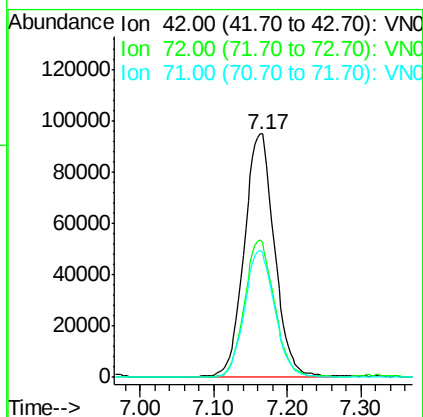
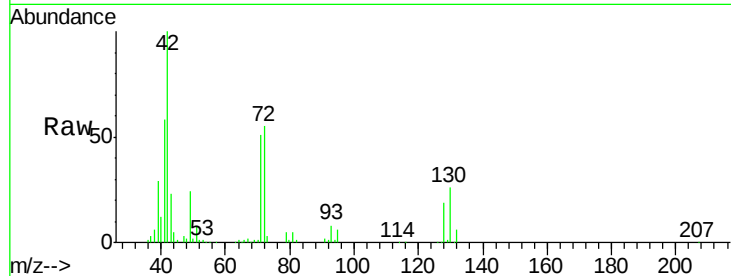




#29
Tetrahydrofuran
Concen: 216.51 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

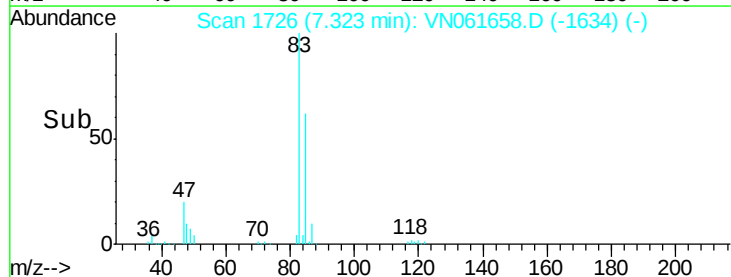
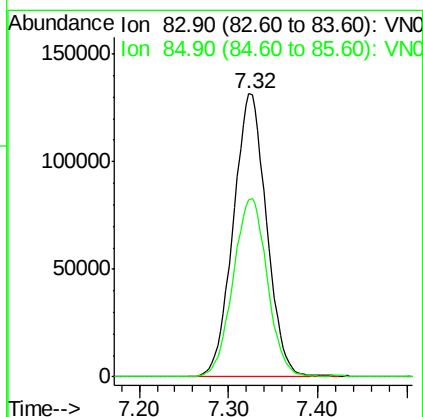
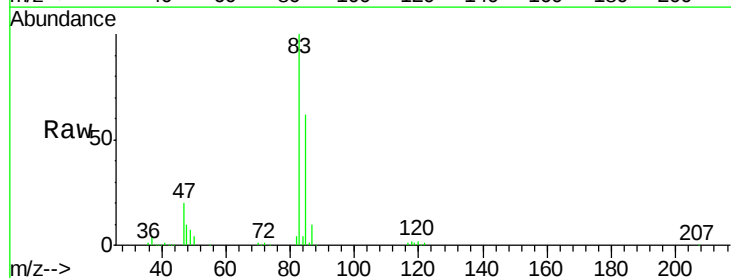
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 272138
Ion Ratio Lower Upper
42 100
72 56.0 43.6 65.4
71 51.9 41.2 61.8



#30
Chloroform
Concen: 48.95 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 83 Resp: 341303
Ion Ratio Lower Upper
83 100
85 62.4 51.7 77.5





#31

Cyclohexane

Concen: 44.83 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

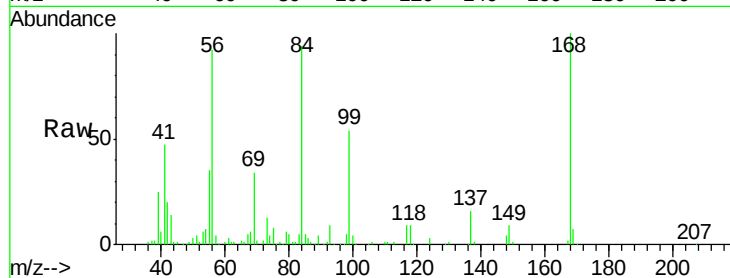
Tgt Ion: 56 Resp: 254085

Ion Ratio Lower Upper

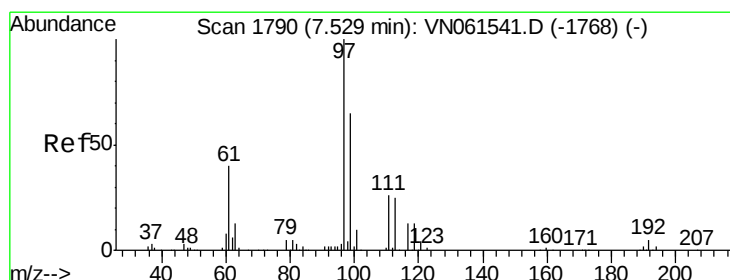
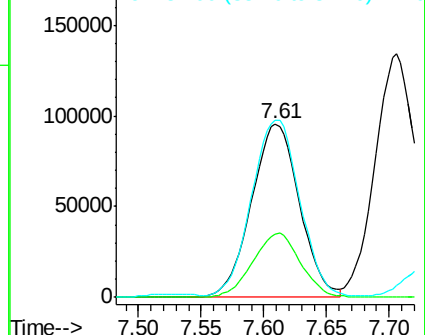
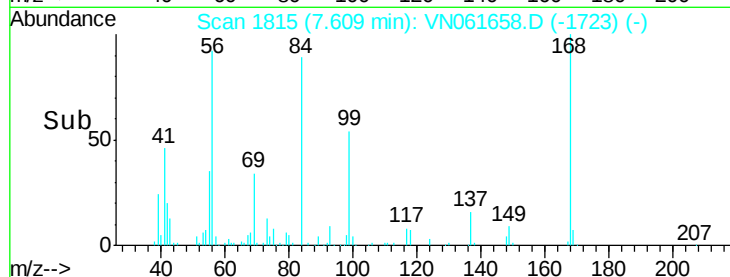
56 100

69 36.7 27.8 41.8

84 100.6 79.9 119.9



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



#32

1,1,1-Trichloroethane

Concen: 48.13 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061658.D

Acq: 5 Jun 2020 9:45

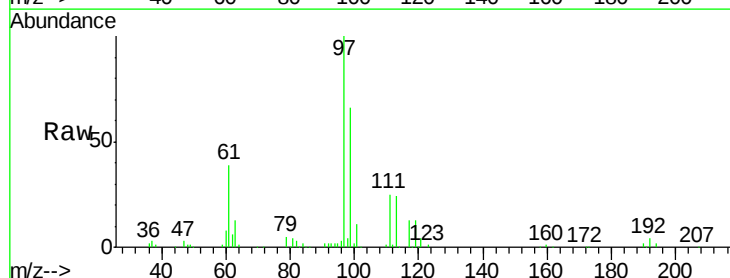
Tgt Ion: 97 Resp: 305805

Ion Ratio Lower Upper

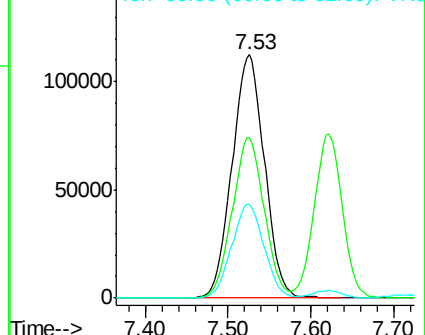
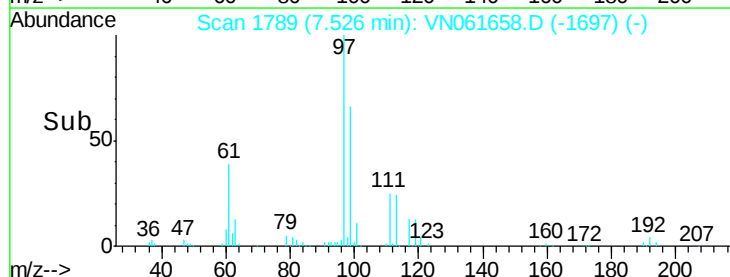
97 100

99 64.9 51.4 77.0

61 38.4 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

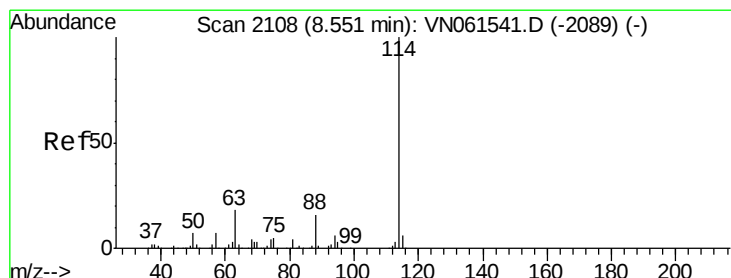
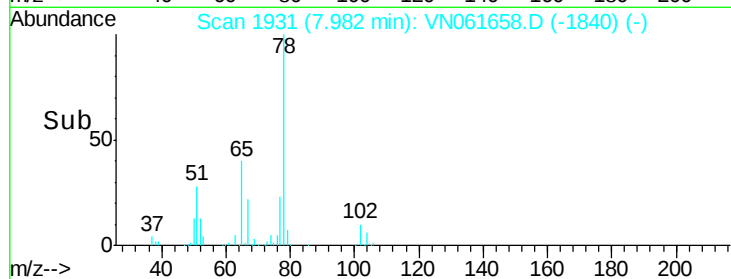
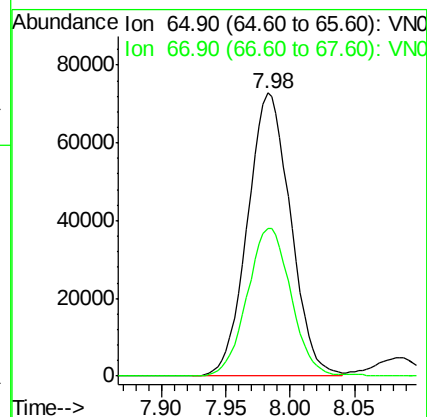
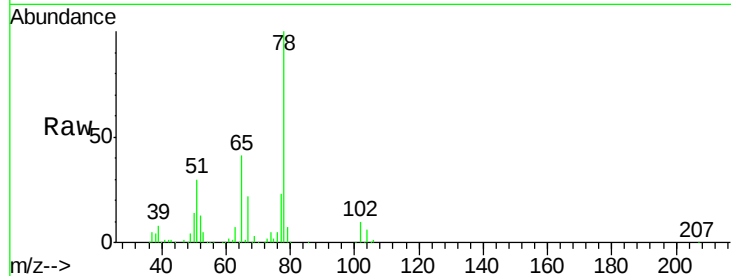




#33
 1,2-Dichloroethane-d4
 Concen: 42.11 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

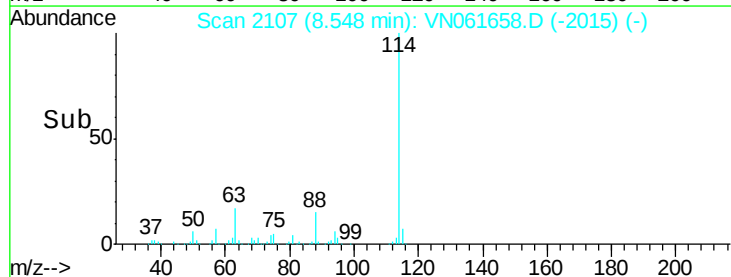
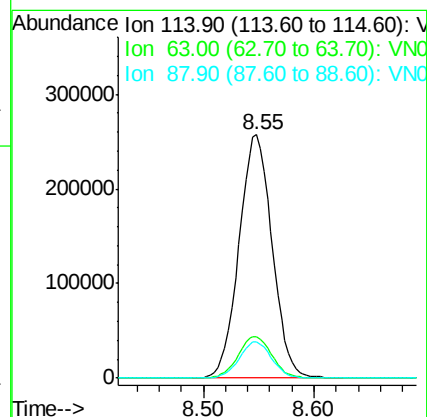
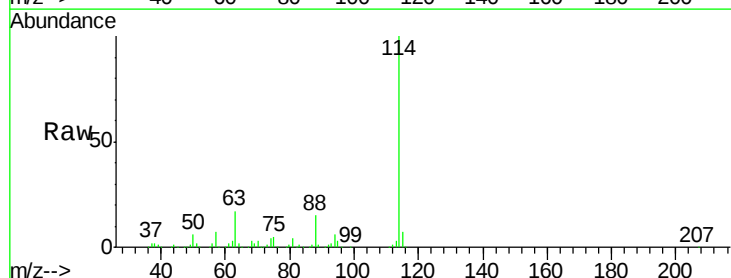
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

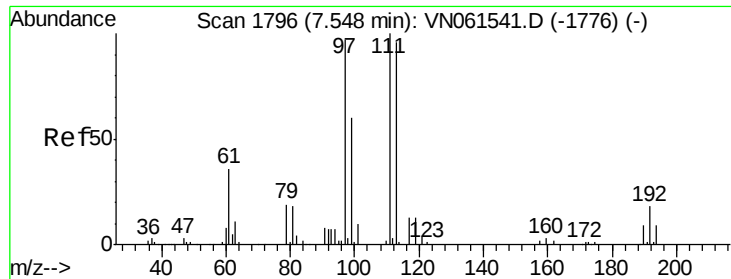
Tgt Ion: 65 Resp: 169376
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion: 114 Resp: 535385
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.8
 88 15.0 0.0 31.0

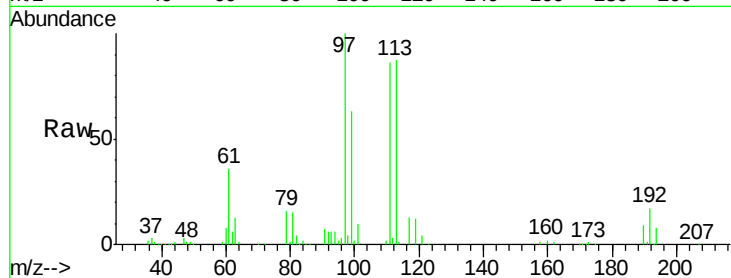




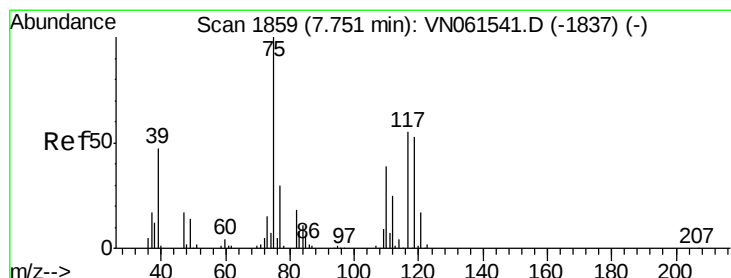
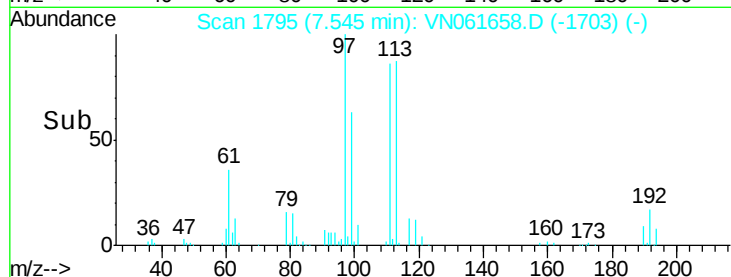
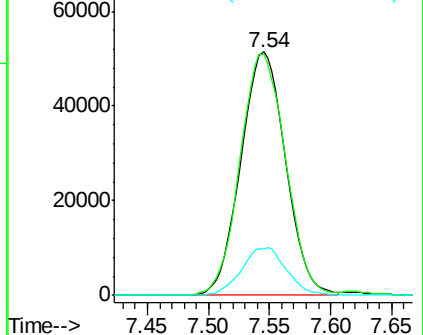
#35
Dibromofluoromethane
Concen: 48.10 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 130644
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.0
192 19.6 15.4 23.2

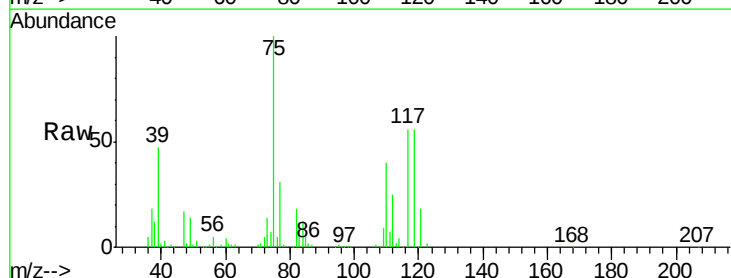


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

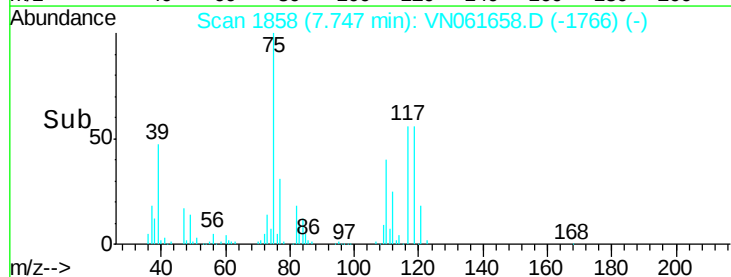
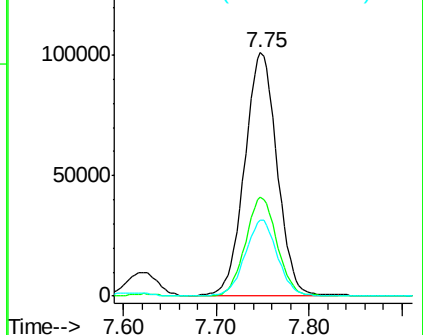


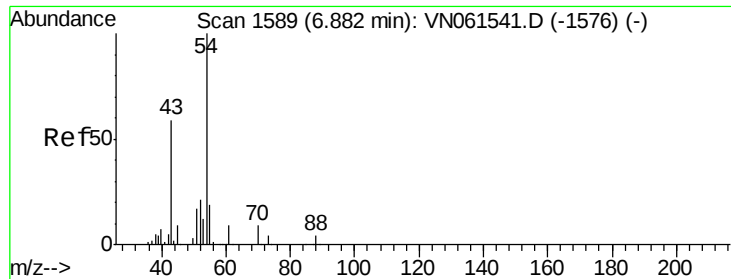
#36
1,1-Dichloropropene
Concen: 51.43 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 75 Resp: 243736
Ion Ratio Lower Upper
75 100
110 39.9 19.5 58.5
77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

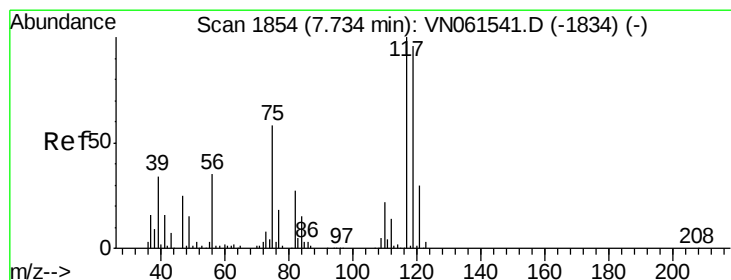
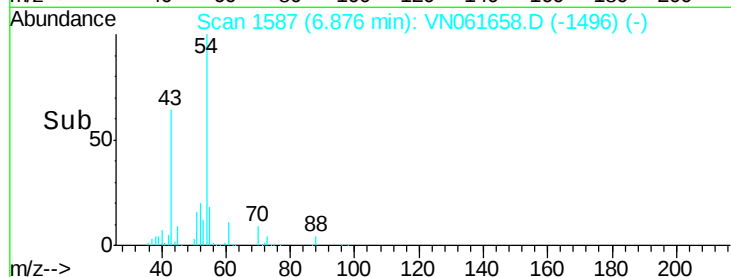
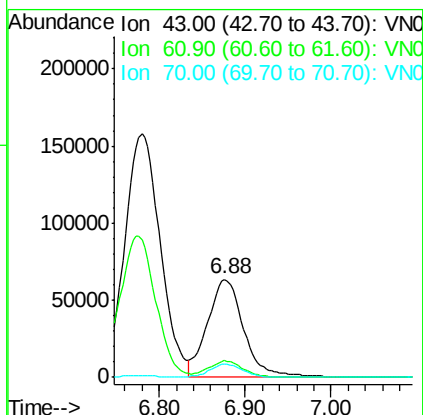
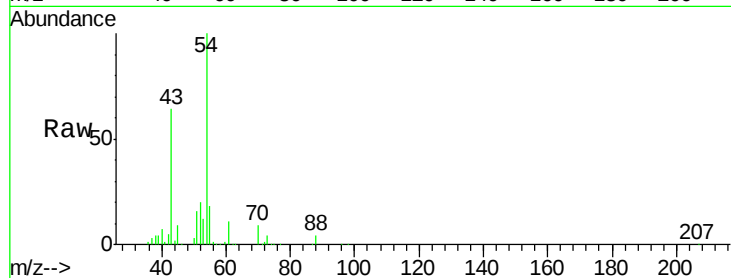




#37
 Ethyl Acetate
 Concen: 48.34 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

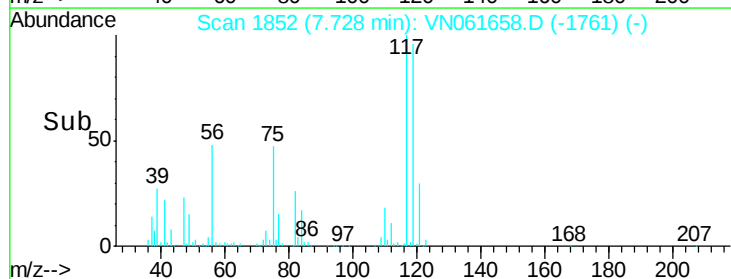
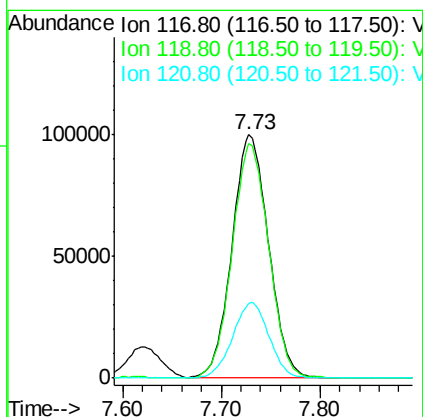
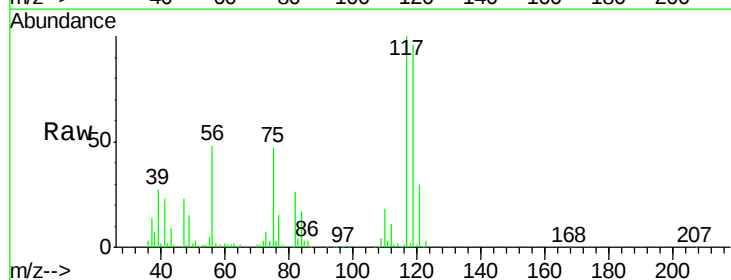
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

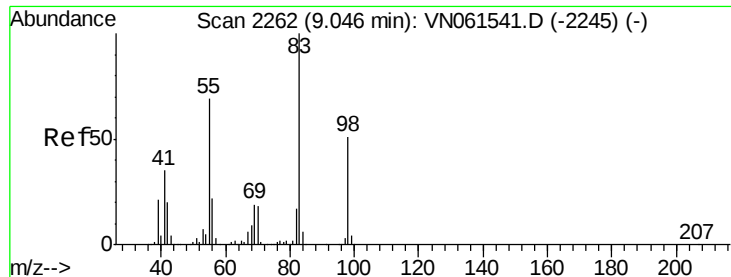
Tgt Ion: 43 Resp: 184532
 Ion Ratio Lower Upper
 43 100
 61 15.8 12.2 18.4
 70 12.4 9.4 14.2



#38
 Carbon Tetrachloride
 Concen: 55.92 ug/l
 RT: 7.73 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: VN061658.D
 Acq: 5 Jun 2020 9:45

Tgt Ion: 117 Resp: 255629
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.5 114.7
 121 30.5 24.1 36.1

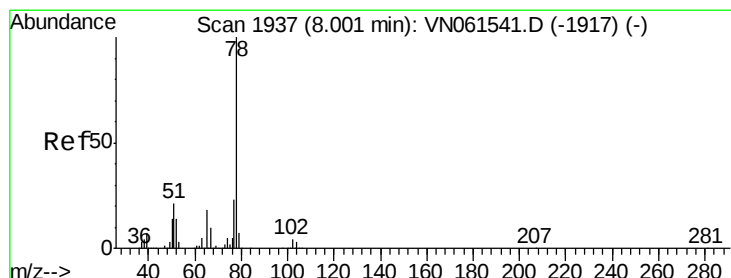
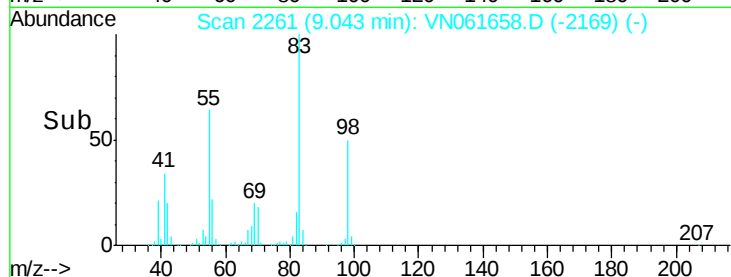
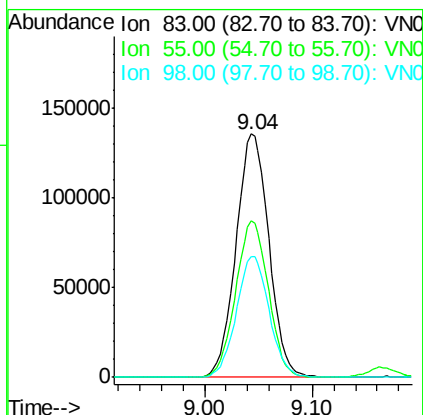
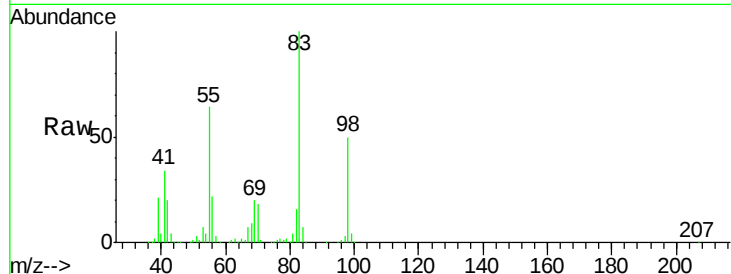




#39
Methylcyclohexane
Concen: 49.20 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

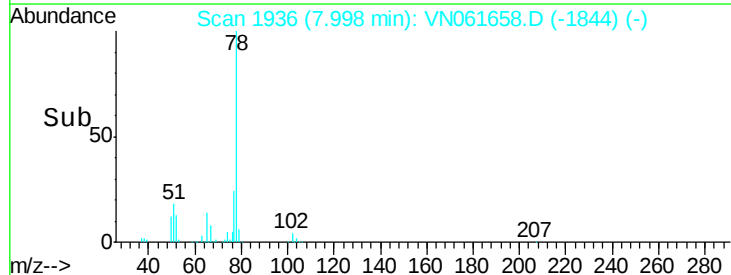
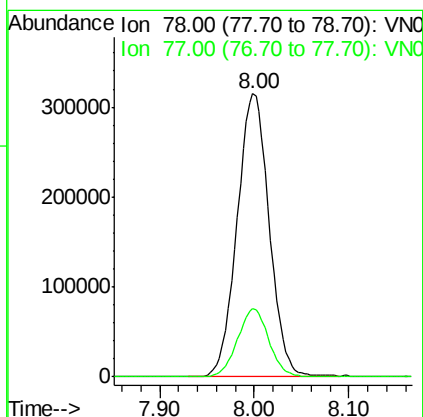
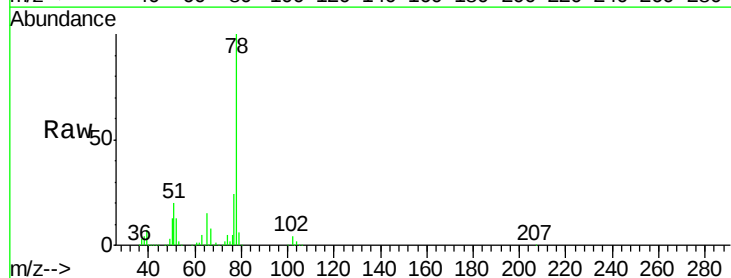
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

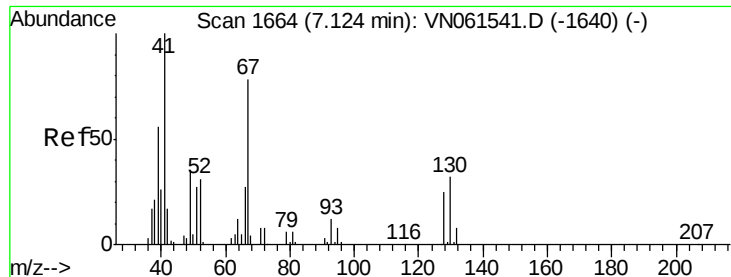
Tgt Ion: 83 Resp: 287390
Ion Ratio Lower Upper
83 100
55 64.1 54.9 82.3
98 49.7 41.0 61.4



#40
Benzene
Concen: 50.83 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 78 Resp: 743383
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

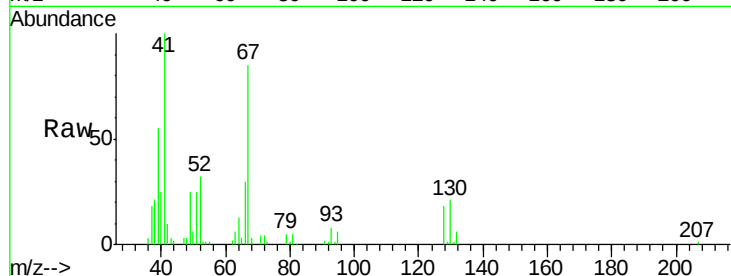




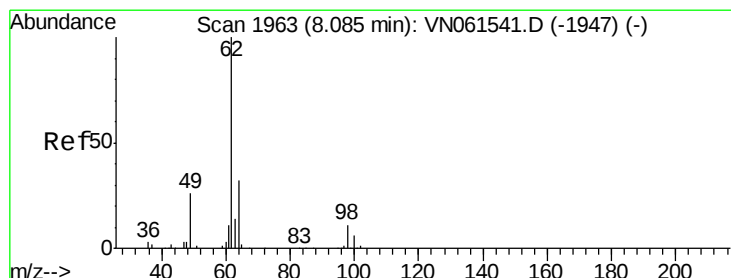
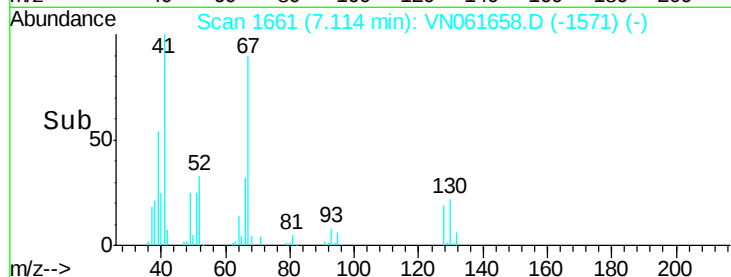
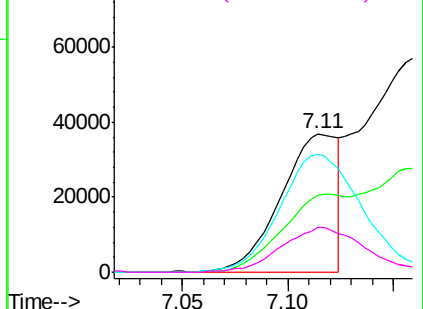
#41
Methacrylonitrile
Concen: 39.58 ug/l
RT: 7.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 69230
Ion Ratio Lower Upper
41 100
39 61.1 53.8 80.6
67 124.8 91.1 136.7
52 48.6 36.0 54.0

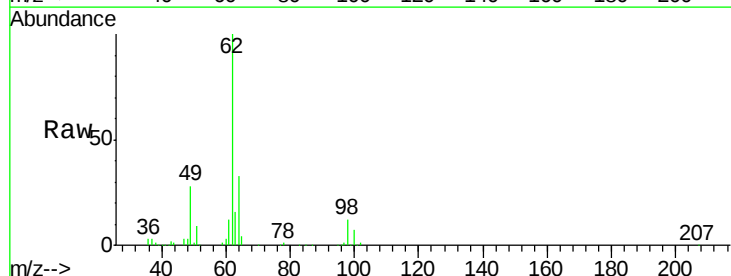


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 49.39 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061658.D
Acq: 5 Jun 2020 9:45

Tgt Ion: 62 Resp: 241795
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

