

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062255.D
 Acq On : 30 Jun 2020 21:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 01 03:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	163495	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
35) Dibromofluoromethane	7.55	113	127420	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.06	98	504189	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.38	95	171556	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	110635	42.953	ug/l	100
3) Chloromethane	2.03	50	144999	47.757	ug/l	98
4) Vinyl Chloride	2.16	62	172681	42.571	ug/l	98
5) Bromomethane	2.52	94	83265	31.762	ug/l	99
6) Chloroethane	2.66	64	123156	44.446	ug/l	100
7) Trichlorofluoromethane	2.98	101	214997	43.015	ug/l	98
8) Diethyl Ether	3.37	74	85192	48.813	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	120195	45.922	ug/l	97
10) Methyl Iodide	3.91	142	103715	35.185	ug/l	99
11) Tert butyl alcohol	4.74	59	118410	257.894	ug/l	100
12) 1,1-Dichloroethene	3.69	96	119262	45.580	ug/l	94
13) Acrolein	3.56	56	114682	255.117	ug/l	99
14) Allyl chloride	4.27	41	176928	49.665	ug/l	99
15) Acrylonitrile	4.93	53	333198	266.307	ug/l	99
16) Acetone	3.77	43	262190	261.391	ug/l	98
17) Carbon Disulfide	4.00	76	333732	44.535	ug/l	100
18) Methyl Acetate	4.28	43	133914	52.678	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	419174	50.134	ug/l	99
20) Methylene Chloride	4.50	84	150259	51.190	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	134141	45.002	ug/l	95
22) Diisopropyl ether	5.90	45	415798	51.262	ug/l	99
23) Vinyl Acetate	5.84	43	1754866	264.989	ug/l	98
24) 1,1-Dichloroethane	5.80	63	254677	48.759	ug/l	100
25) 2-Butanone	6.79	43	415104	265.569	ug/l	97
26) 2,2-Dichloropropane	6.77	77	190015	43.656	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	157388	46.923	ug/l	99
28) Bromochloromethane	7.15	49	118379	52.236	ug/l	94
29) Tetrahydrofuran	7.17	42	279223	272.708	ug/l	98
30) Chloroform	7.33	83	257270	48.412	ug/l	99
31) Cyclohexane	7.61	56	205943	46.613	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	211972	47.298	ug/l	98
36) 1,1-Dichloropropene	7.75	75	188880	44.983	ug/l	99
37) Ethyl Acetate	6.88	43	179559	51.643	ug/l	98
38) Carbon Tetrachloride	7.73	117	176658	44.625	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	215381	46.815	ug/l	98
40) Benzene	8.00	78	591494	46.217	ug/l	99
41) Methacrylonitrile	7.17	41	253394	157.199	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	203964	47.170	ug/l	99
43) Isopropyl Acetate	8.13	43	293364	51.758	ug/l	99
44) Trichloroethene	8.80	130	138369	42.860	ug/l	96
45) 1,2-Dichloropropane	9.09	63	155962	49.396	ug/l	100
46) Dibromomethane	9.18	93	100787	47.081	ug/l	98
47) Bromodichloromethane	9.37	83	208009	48.123	ug/l	99
48) Methyl methacrylate	9.17	41	137647	54.162	ug/l	94
49) 1,4-Dioxane	9.17	88	56652	1005.216	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	897417	270.995	ug/l	99
52) Toluene	10.12	92	373723	47.859	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	225830	47.489	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	247972	48.979	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	148025	48.223	ug/l	98
56) Ethyl methacrylate	10.40	69	219189	53.507	ug/l	99
57) 1,3-Dichloropropane	10.68	76	258668	48.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	417960	240.310	ug/l	98
59) 2-Hexanone	10.72	43	657000	274.749	ug/l	99
60) Dibromochloromethane	10.87	129	153813	47.330	ug/l	98
61) 1,2-Dibromoethane	10.98	107	149711	47.466	ug/l	99
64) Tetrachloroethene	10.60	164	111112	41.638	ug/l	98
65) Chlorobenzene	11.41	112	387130	45.127	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	136192	45.911	ug/l	98
67) Ethyl Benzene	11.48	91	699280	48.265	ug/l	99
68) m/p-Xylenes	11.60	106	532129	94.957	ug/l	98
69) o-Xylene	11.92	106	252310	47.720	ug/l	95
70) Styrene	11.94	104	435905	49.434	ug/l	99
71) Bromoform	12.10	173	99650	47.247	ug/l #	97
73) Isopropylbenzene	12.22	105	678015	47.377	ug/l	99
74) N-amyl acetate	12.05	43	256302	48.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228446	47.969	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	275917	63.397	ug/l #	100
77) Bromobenzene	12.50	156	154472	43.477	ug/l	92
78) n-propylbenzene	12.56	91	793579	48.478	ug/l	98
79) 2-Chlorotoluene	12.65	91	465818	47.070	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	560401	48.305	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	66811	44.831	ug/l	97
82) 4-Chlorotoluene	12.75	91	481275	47.028	ug/l	98
83) tert-Butylbenzene	12.97	119	476495	47.993	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	560935	48.412	ug/l	100
85) sec-Butylbenzene	13.15	105	653294	49.797	ug/l	98
86) p-Isopropyltoluene	13.26	119	572152	49.778	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	285010	45.682	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	283688	44.111	ug/l	98
89) n-Butylbenzene	13.59	91	480582	50.292	ug/l	99
90) Hexachloroethane	13.85	117	104865	46.501	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	278373	46.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	38549	50.529	ug/l	97

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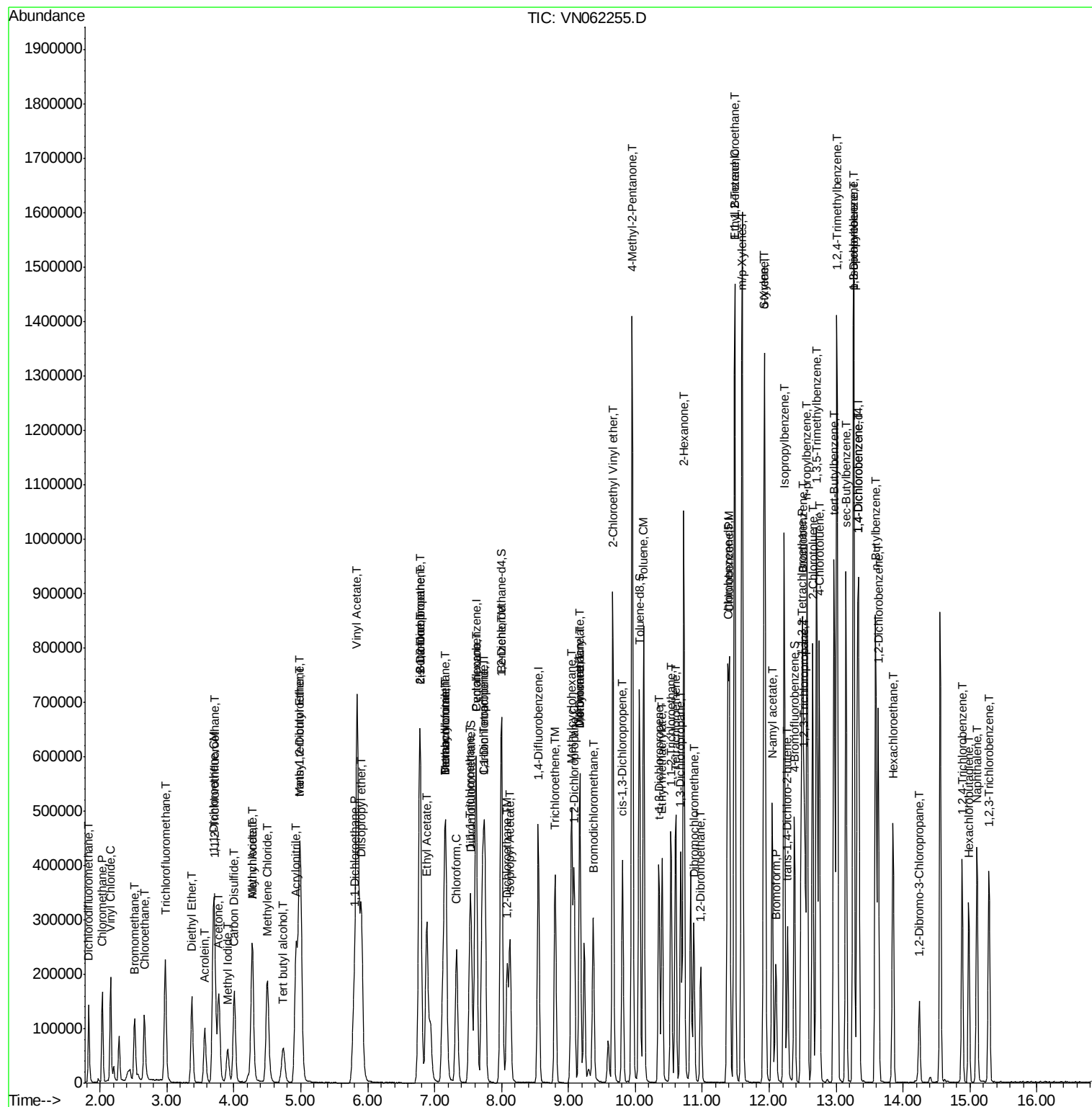
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	122562	46.373	ug/l	98
94) Hexachlorobutadiene	14.98	225	52931	46.111	ug/l	98
95) Naphthalene	15.10	128	362420	41.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	124888	46.213	ug/l	99

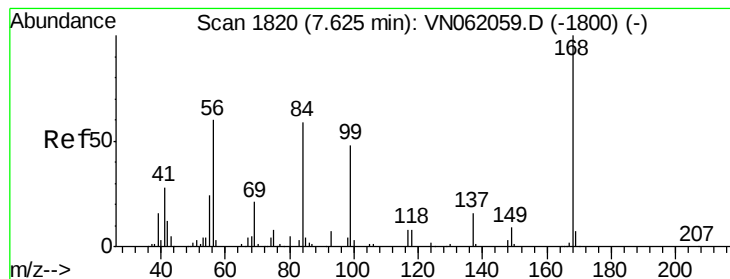
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

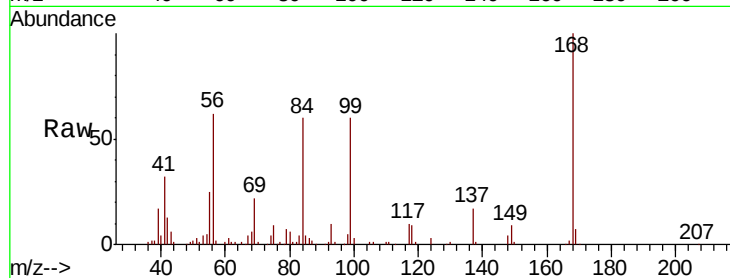
VSTDCCC050EC

Tot Ion:168 Resp: 227876

Ion Ratio Lower Upper

168 100

99 60.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

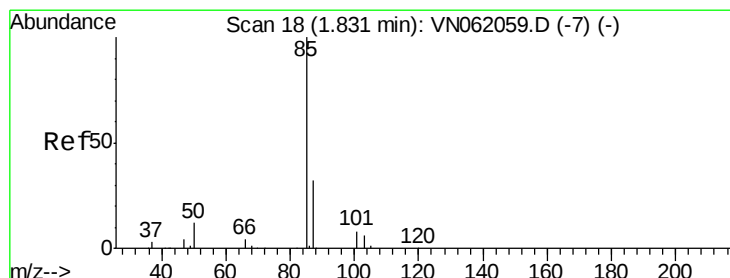
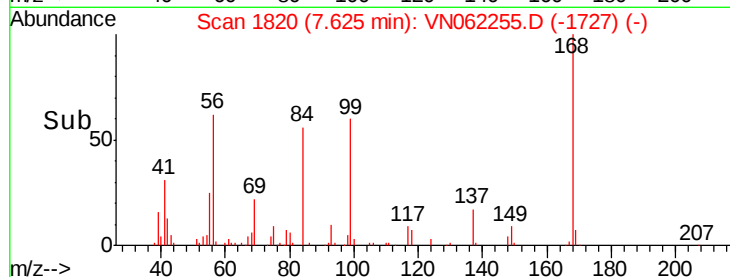
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.953 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062255.D

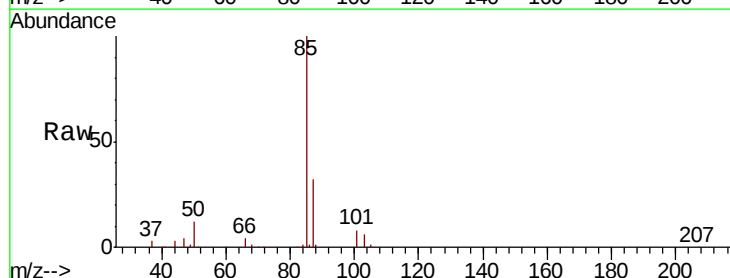
Acq: 30 Jun 2020 21:28

Tgt Ion: 85 Resp: 110635

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

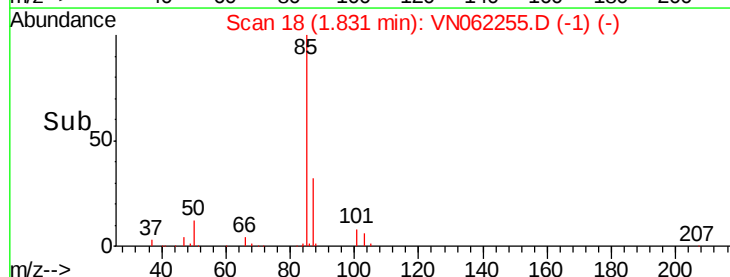
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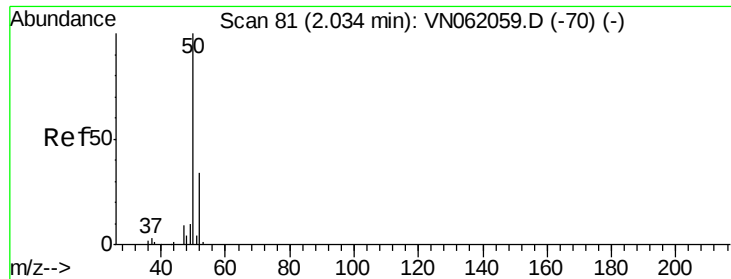
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 47.757 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

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ClientSampleId :

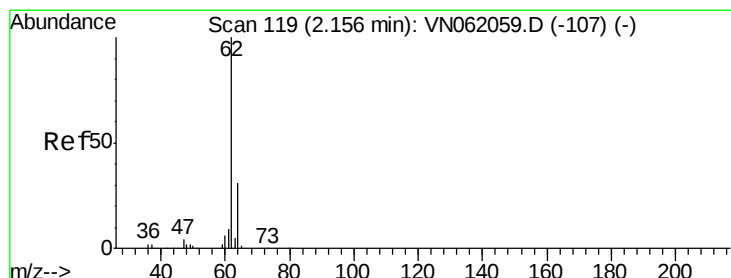
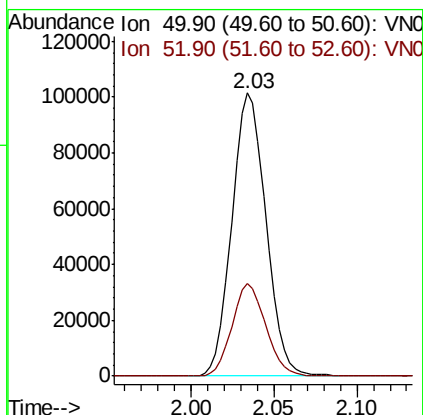
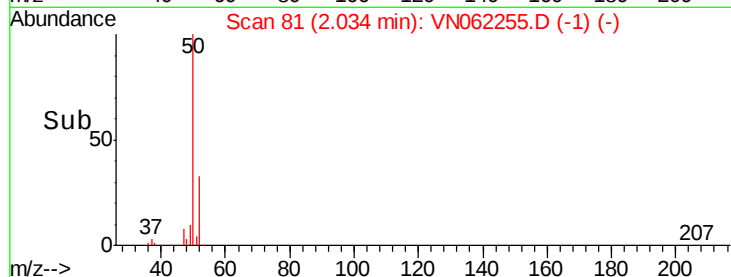
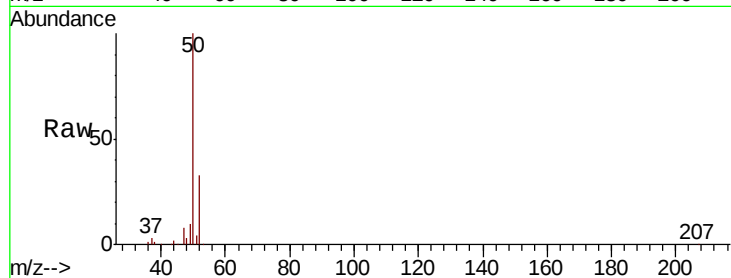
VSTDCCC050EC

Tot Ion: 50 Resp: 144999

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.6



#4

Vinyl Chloride

Concen: 42.571 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062255.D

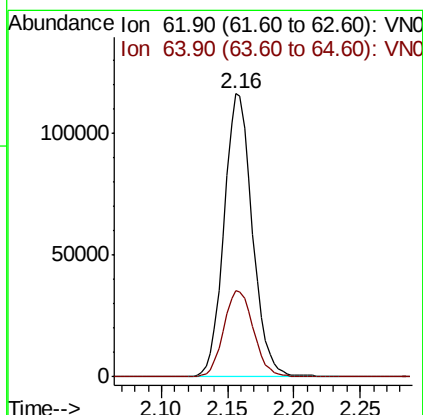
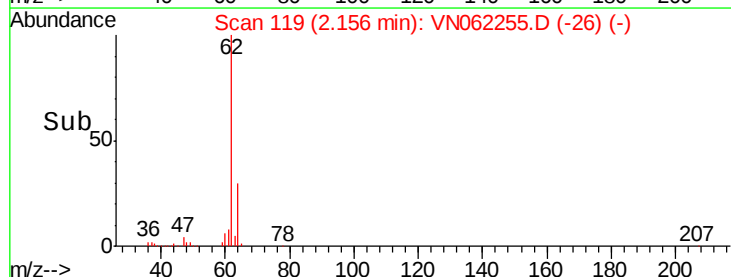
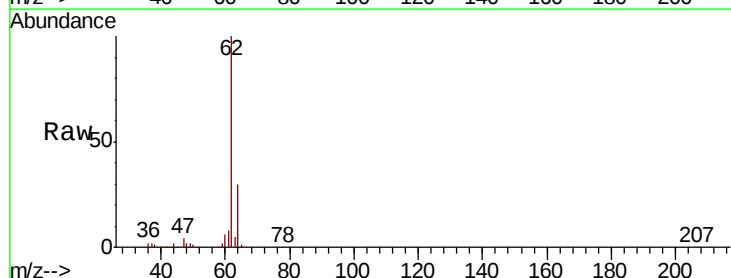
Acq: 30 Jun 2020 21:28

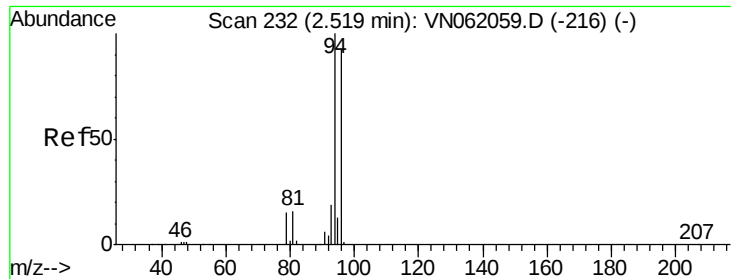
Tgt Ion: 62 Resp: 172681

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 31.762 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

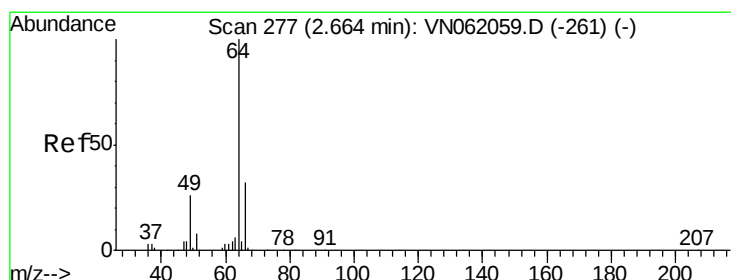
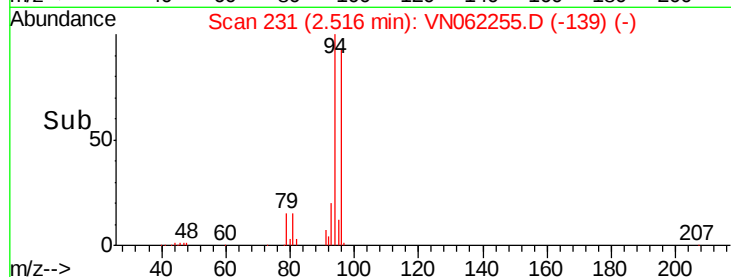
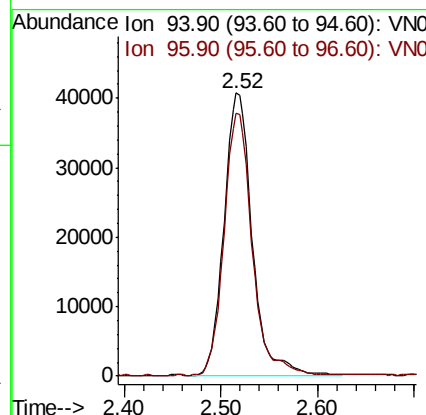
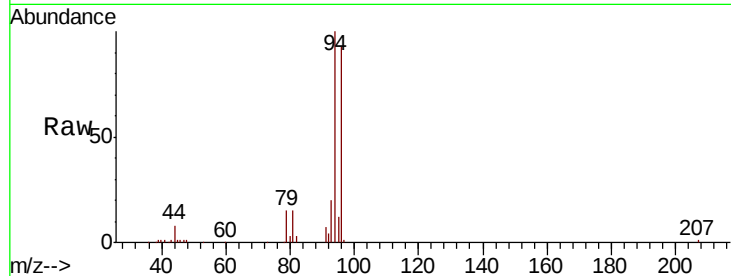
VSTDCCC050EC

Tot Ion: 94 Resp: 83265

Ion Ratio Lower Upper

94 100

96 92.4 73.4 110.2



#6

Chloroethane

Concen: 44.446 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062255.D

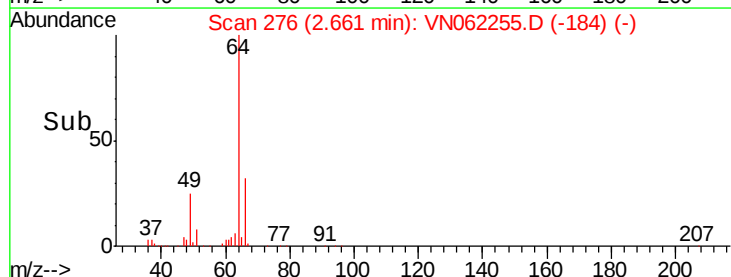
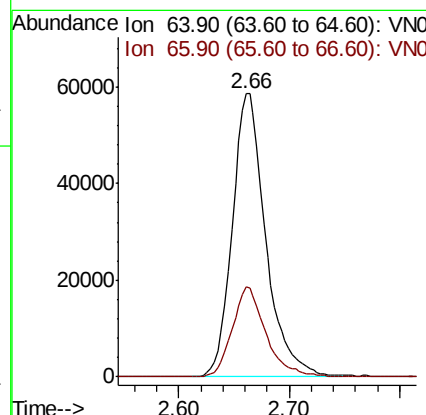
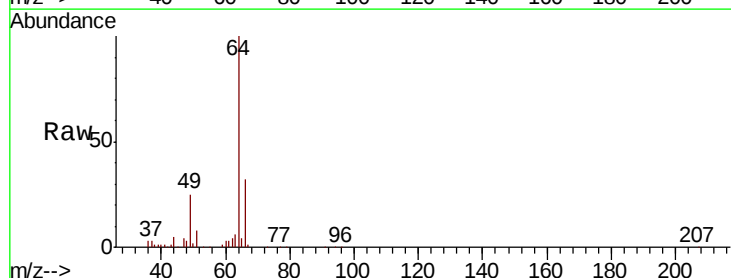
Acq: 30 Jun 2020 21:28

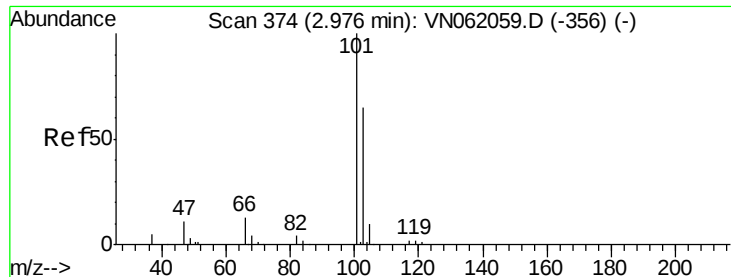
Tgt Ion: 64 Resp: 123156

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.6



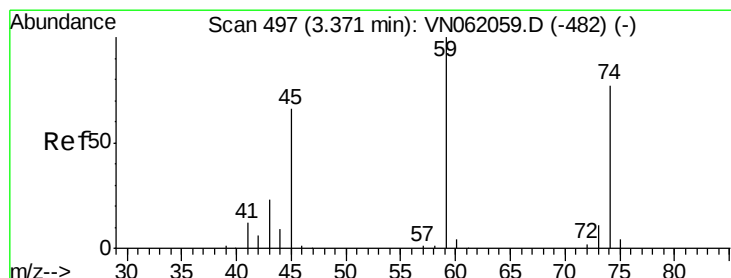
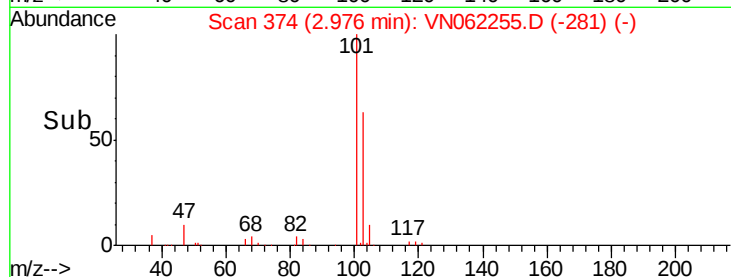
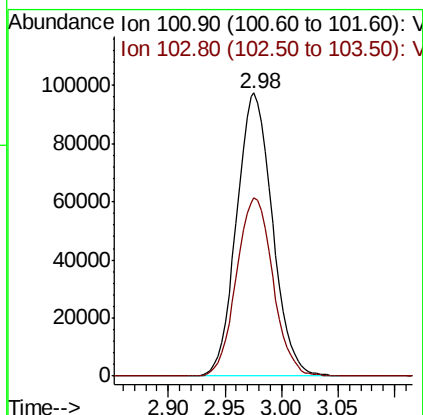
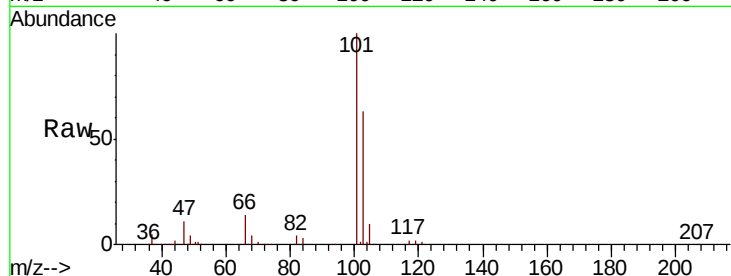


#7

Trichlorofluoromethane
 Concen: 43.015 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
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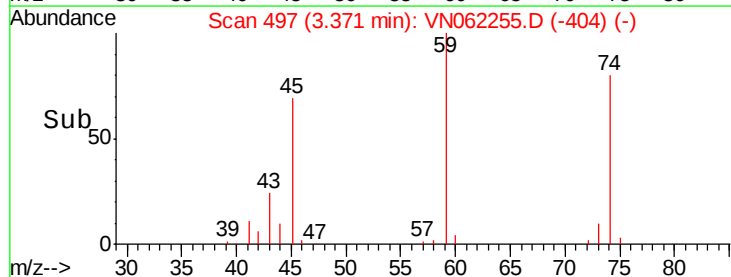
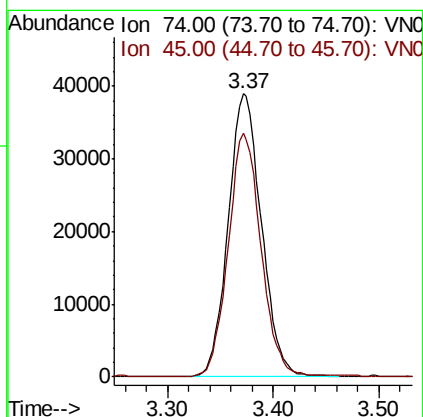
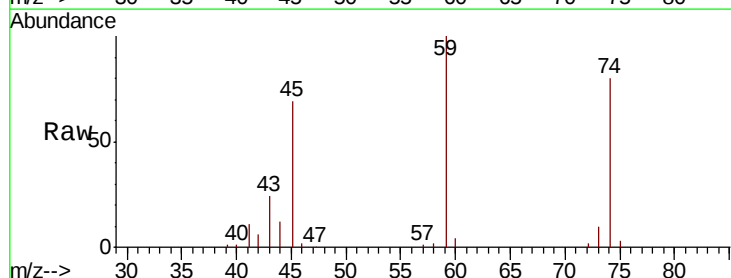
Tot Ion:101 Resp: 214997
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.8 77.6

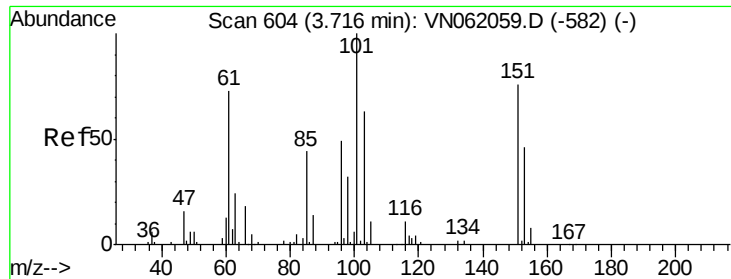


#8

Diethyl Ether
 Concen: 48.813 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 74 Resp: 85192
 Ion Ratio Lower Upper
 74 100
 45 85.0 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.922 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062255.D

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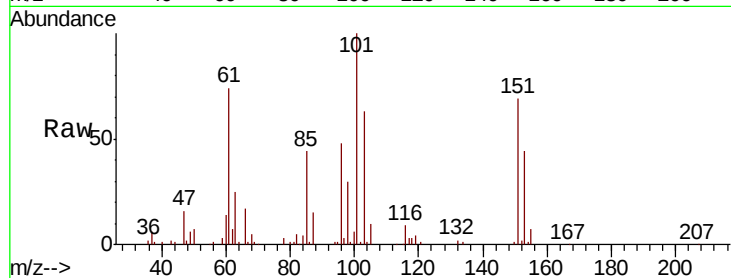
Tot Ion:101 Resp: 120195

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

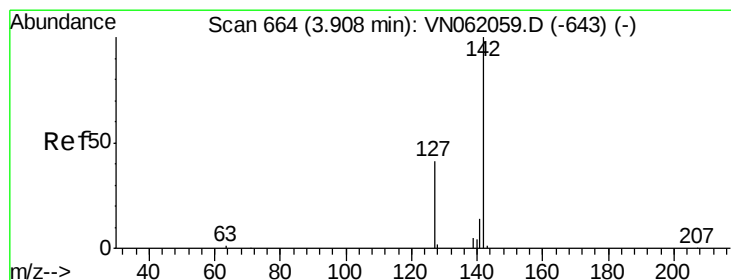
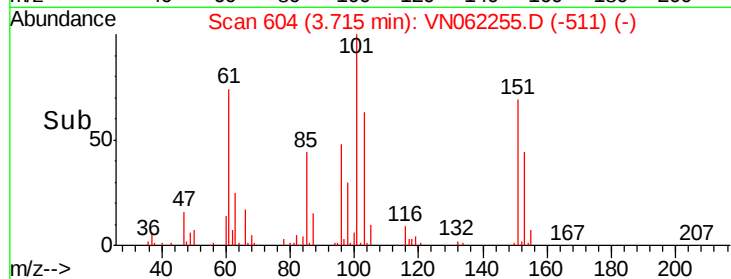
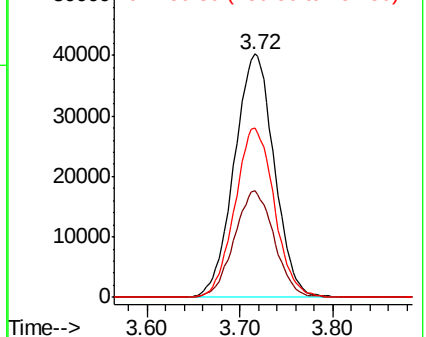
151 68.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.185 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

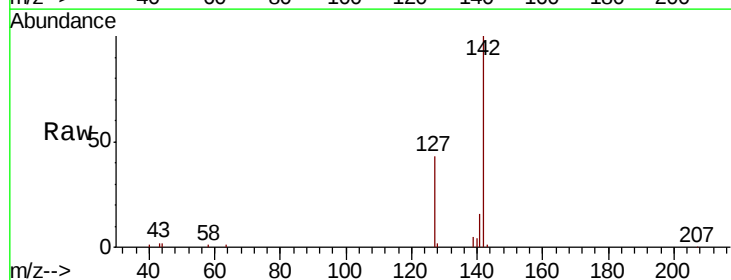
Tgt Ion:142 Resp: 103715

Ion Ratio Lower Upper

142 100

127 41.4 33.6 50.4

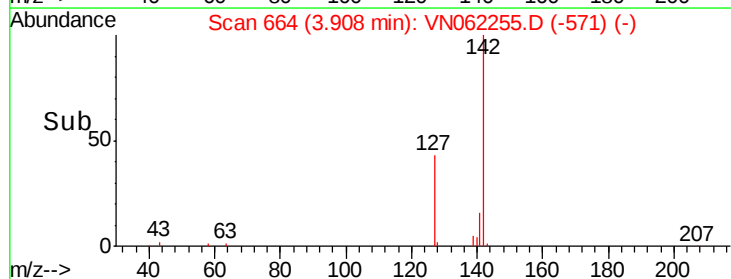
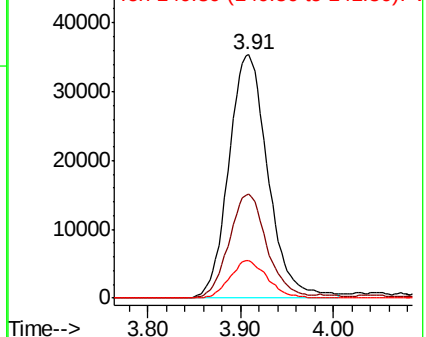
141 14.7 11.3 16.9

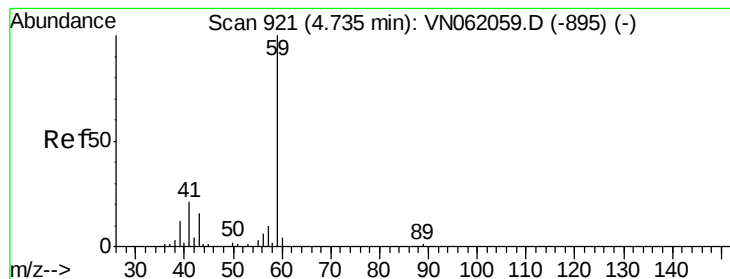


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



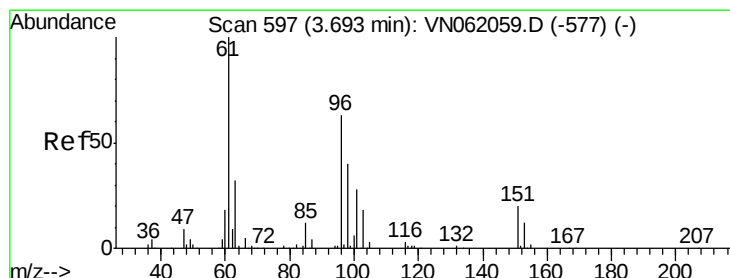
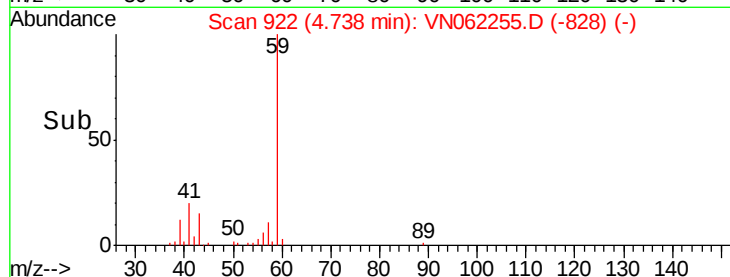
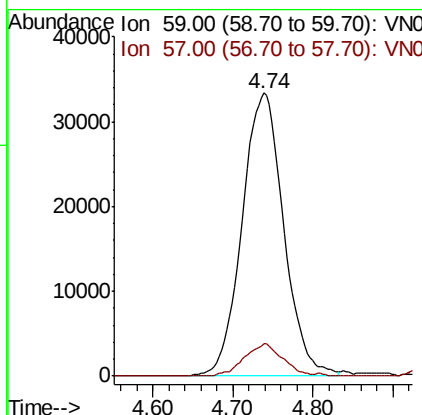
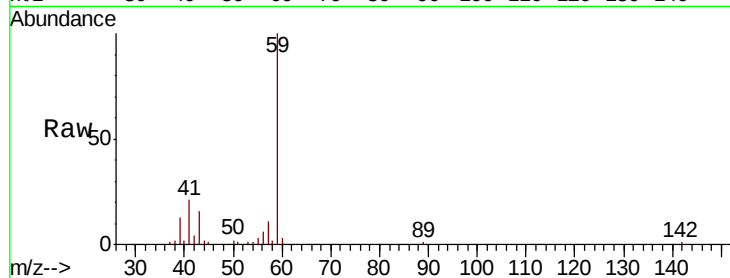


#11

Tert butyl alcohol
 Concen: 257.894 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

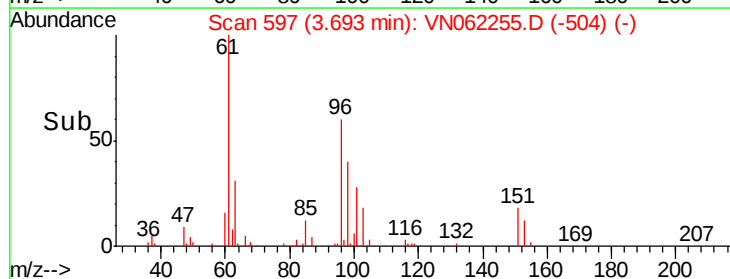
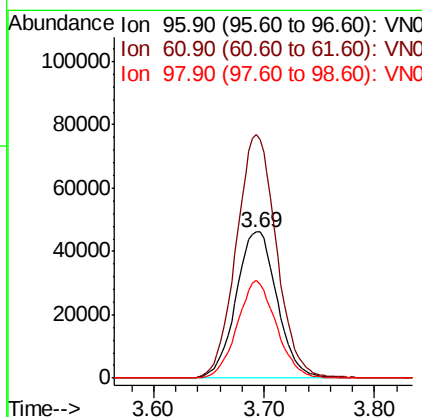
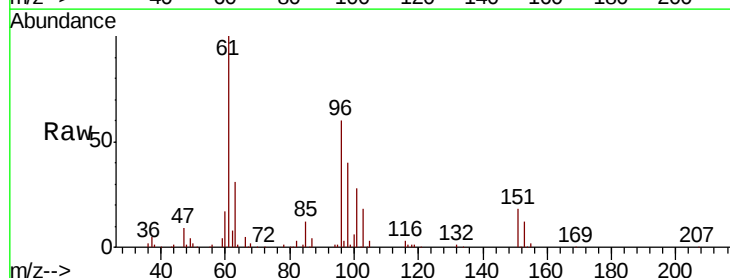
Tot Ion: 59 Resp: 118410
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

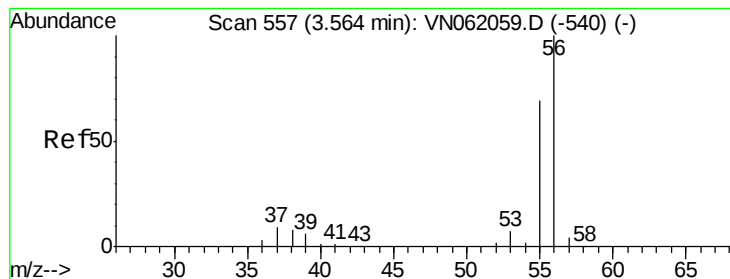


#12

1,1-Dichloroethene
 Concen: 45.580 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 96 Resp: 119262
 Ion Ratio Lower Upper
 96 100
 61 166.6 126.7 190.1
 98 66.7 51.0 76.4





#13

Acrolein

Concen: 255.117 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

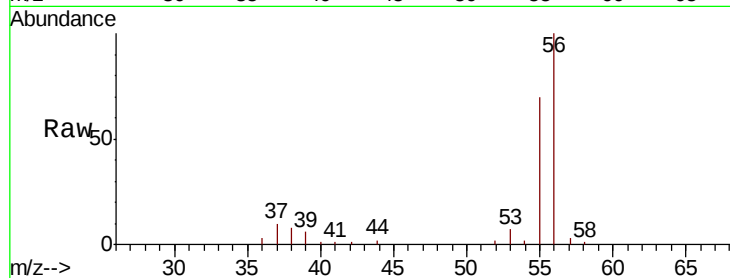
VSTDCCC050EC

Tot Ion: 56 Resp: 114682

Ion Ratio Lower Upper

56 100

55 69.8 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062255.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062255.D (-540) (-)

3.56

50000

40000

30000

20000

10000

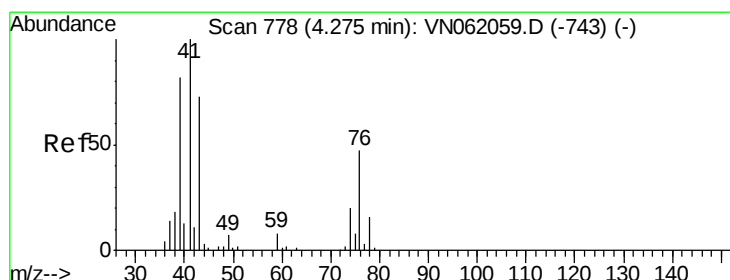
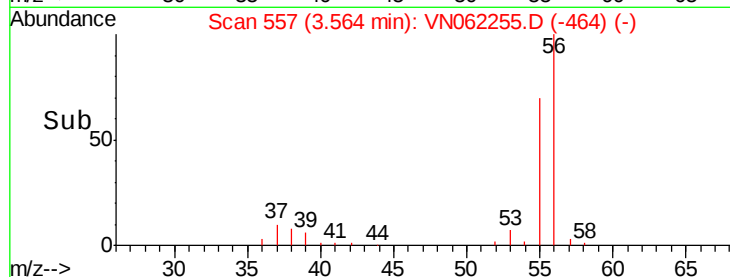
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 49.665 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

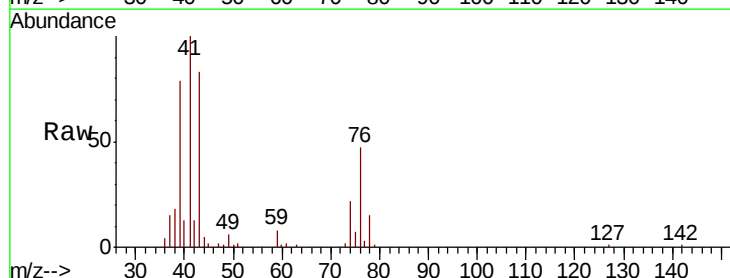
Tgt Ion: 41 Resp: 176928

Ion Ratio Lower Upper

41 100

39 74.6 60.0 90.0

76 42.1 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062255.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062255.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062255.D (-685) (-)

4.27

60000

40000

20000

0

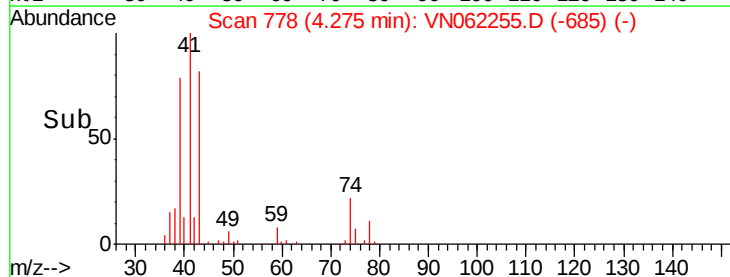
Time-->

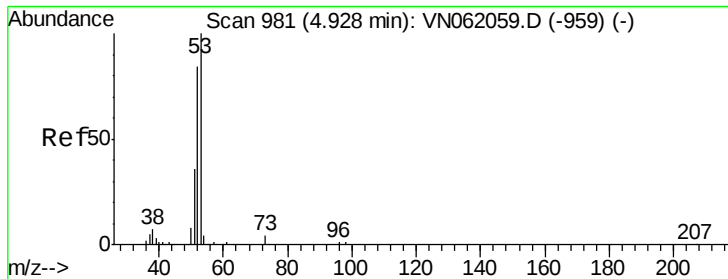
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 266.307 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

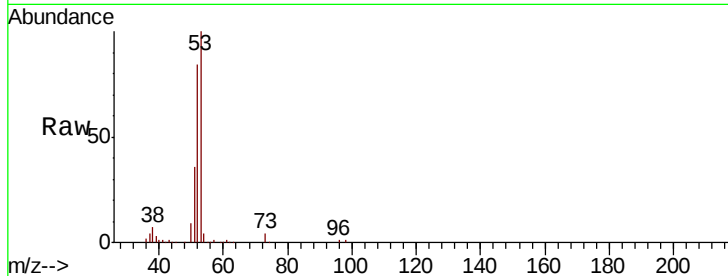
Tot Ion: 53 Resp: 333198

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

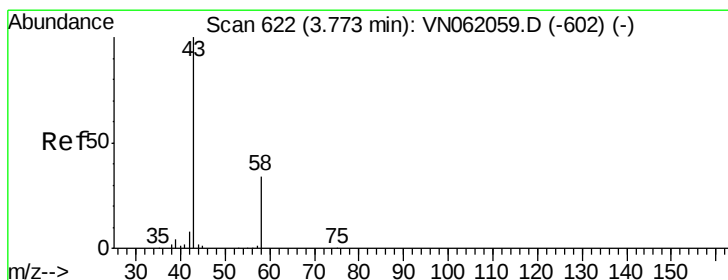
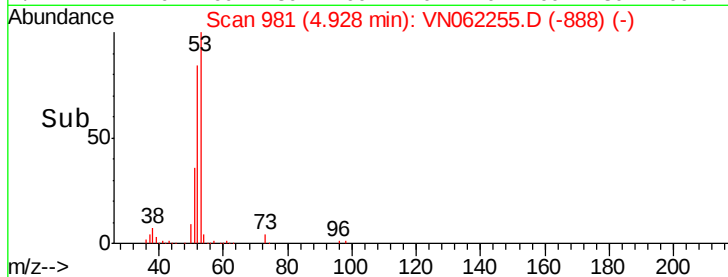
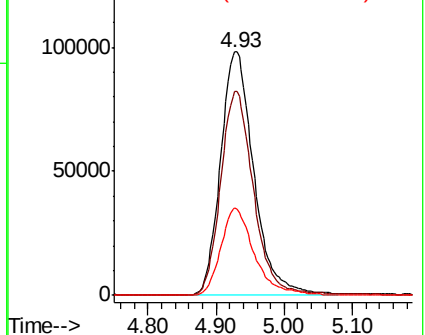
51 35.9 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062255.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062255.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062255.D (-959) (-)



#16

Acetone

Concen: 261.391 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062255.D

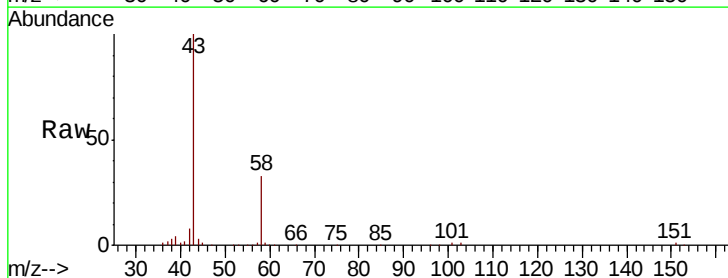
Acq: 30 Jun 2020 21:28

Tgt Ion: 43 Resp: 262190

Ion Ratio Lower Upper

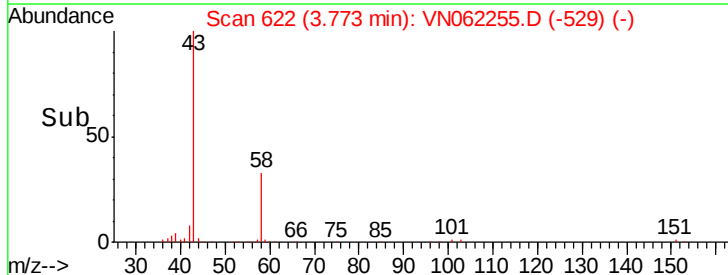
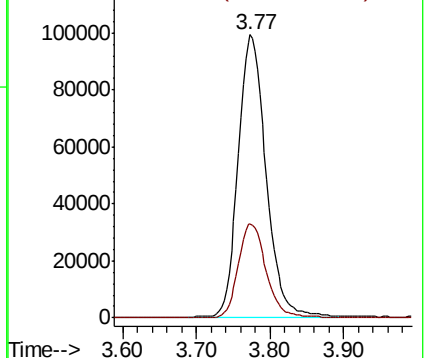
43 100

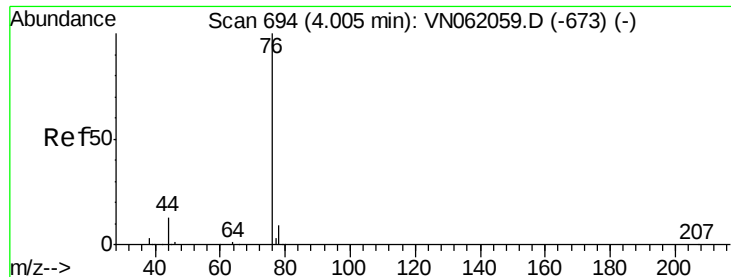
58 33.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062255.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062255.D (-602) (-)





#17

Carbon Disulfide

Concen: 44.535 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

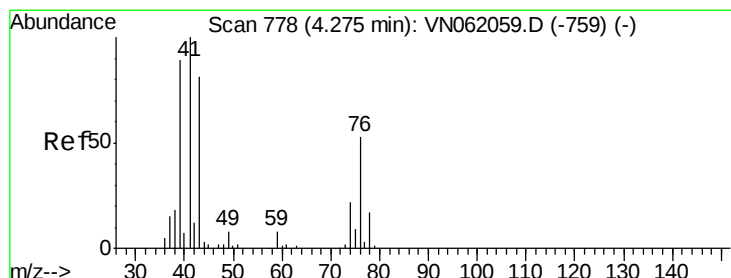
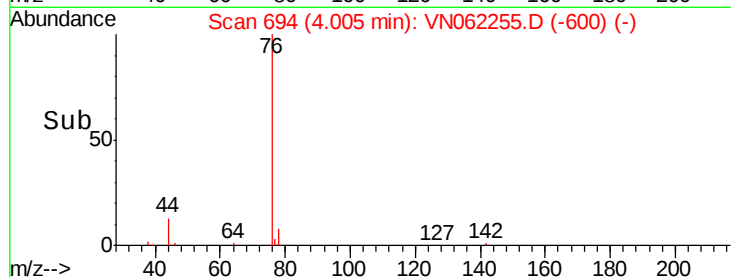
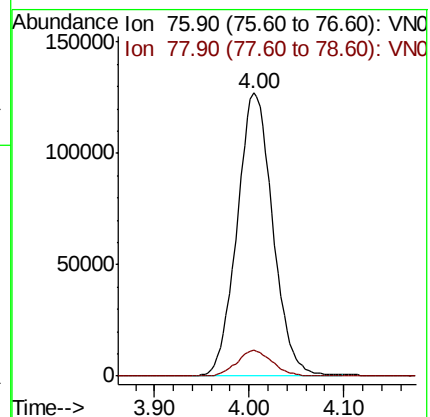
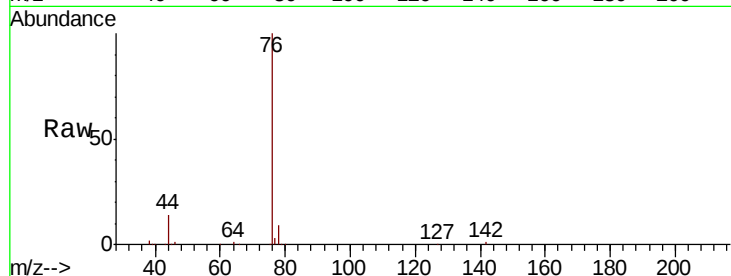
VSTDCCC050EC

Tot Ion: 76 Resp: 333732

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 52.678 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062255.D

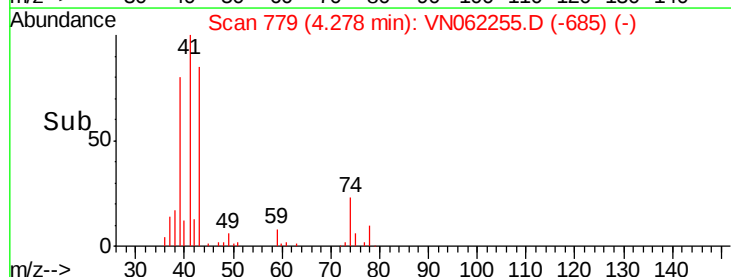
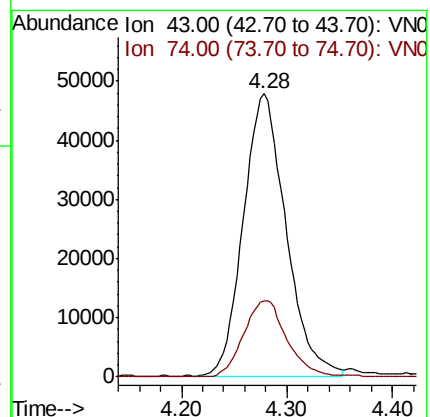
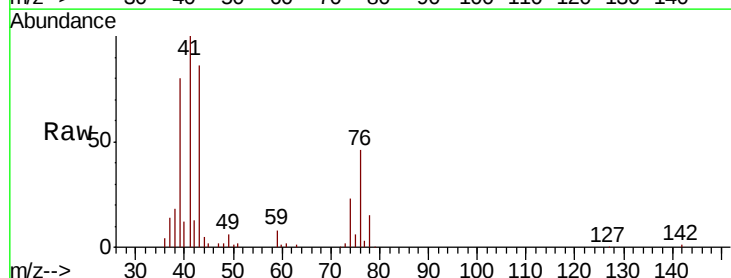
Acq: 30 Jun 2020 21:28

Tgt Ion: 43 Resp: 133914

Ion Ratio Lower Upper

43 100

74 27.6 22.9 34.3

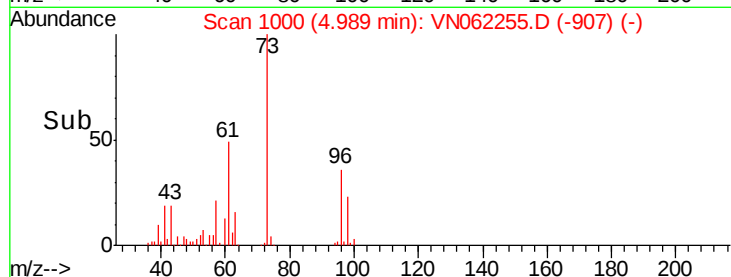
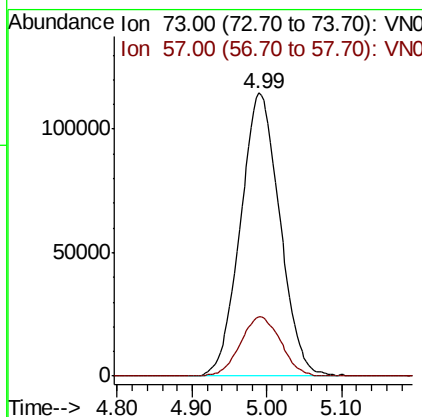
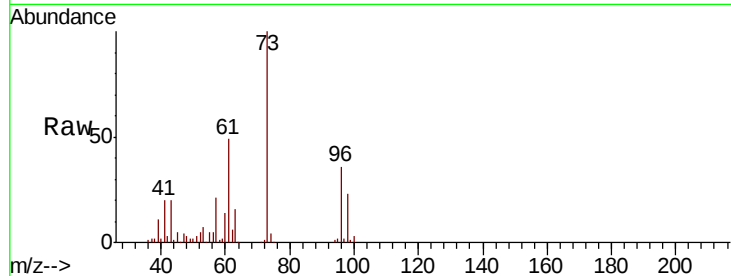




#19
Methyl tert-butyl Ether
Concen: 50.134 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

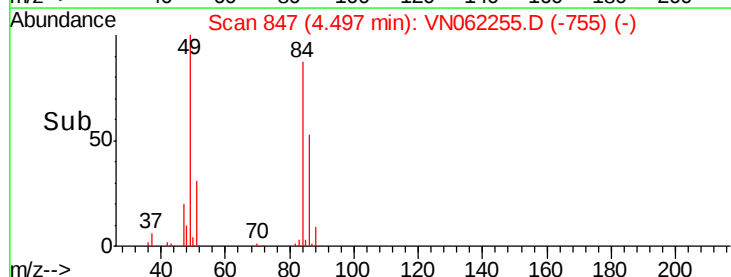
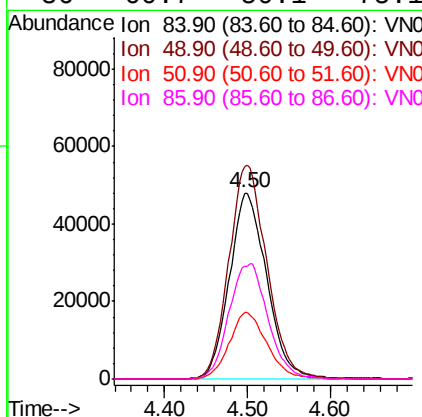
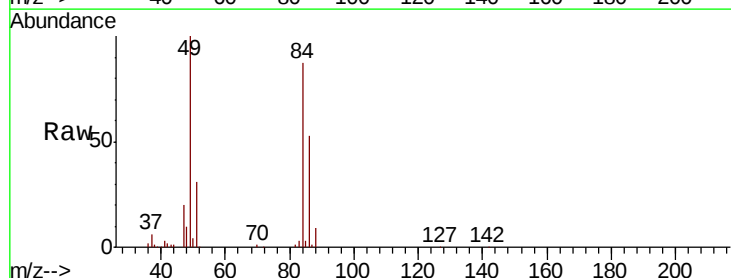
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 419174
Ion Ratio Lower Upper
73 100
57 20.9 16.6 24.8



#20
Methylene Chloride
Concen: 51.190 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 84 Resp: 150259
Ion Ratio Lower Upper
84 100
49 114.6 90.6 136.0
51 35.7 27.8 41.8
86 60.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 45.002 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

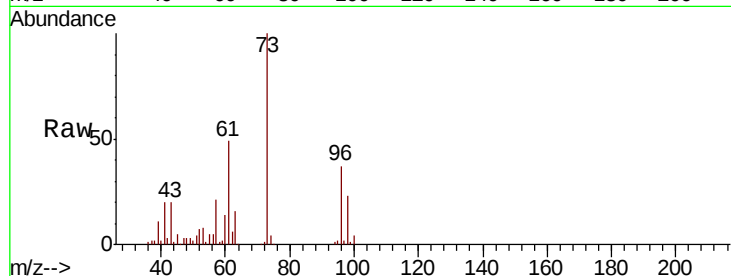
Tot Ion: 96 Resp: 134141

Ion Ratio Lower Upper

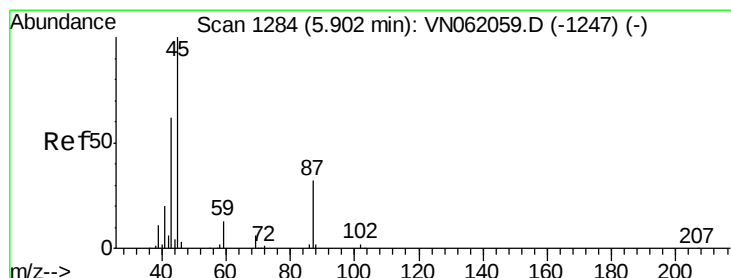
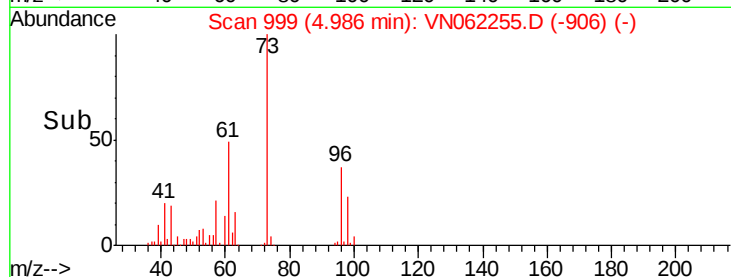
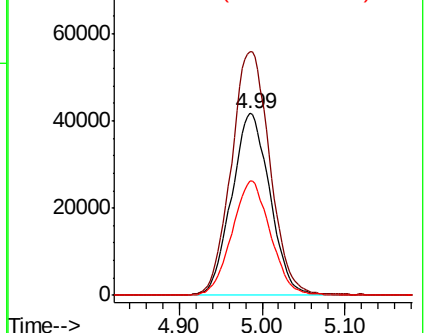
96 100

61 133.8 101.4 152.2

98 62.7 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 51.262 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Tgt Ion: 45 Resp: 415798

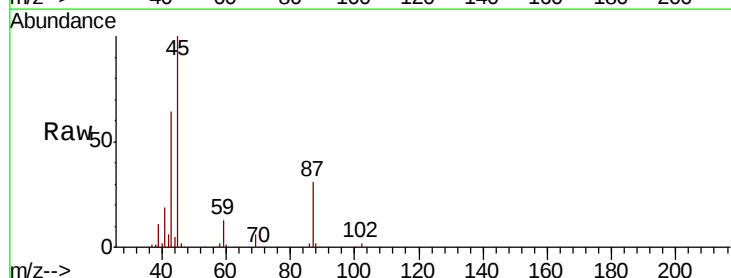
Ion Ratio Lower Upper

45 100

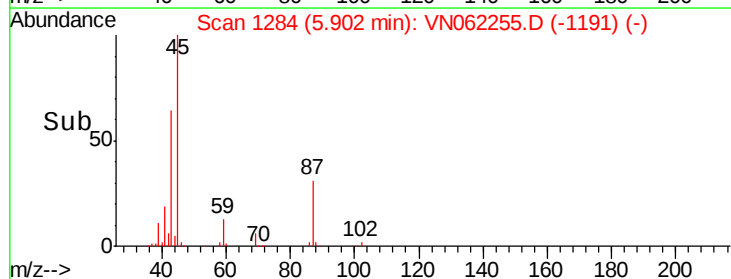
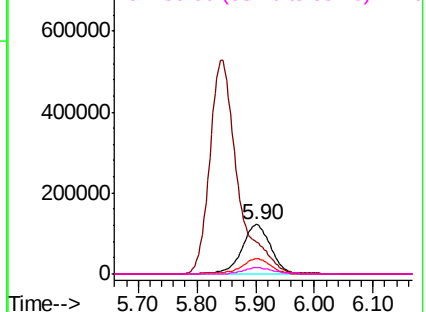
43 62.6 49.7 74.5

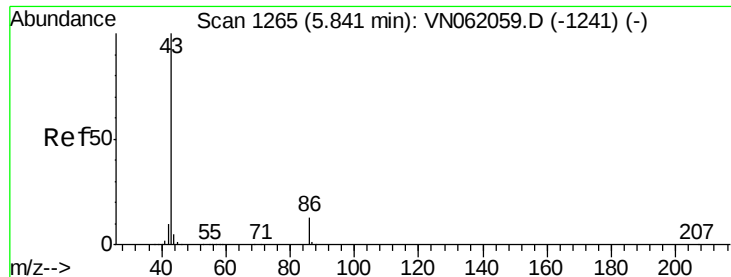
87 31.3 25.9 38.9

59 12.8 10.6 16.0



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 264.989 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

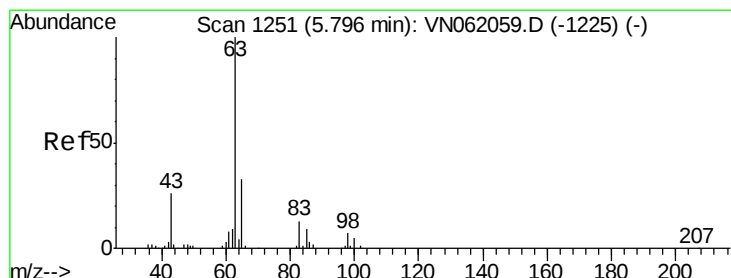
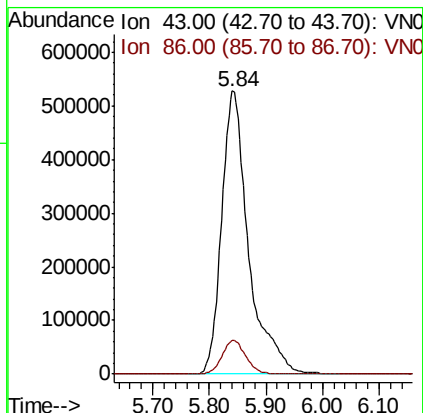
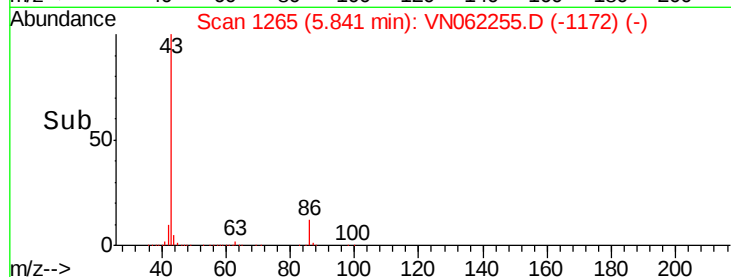
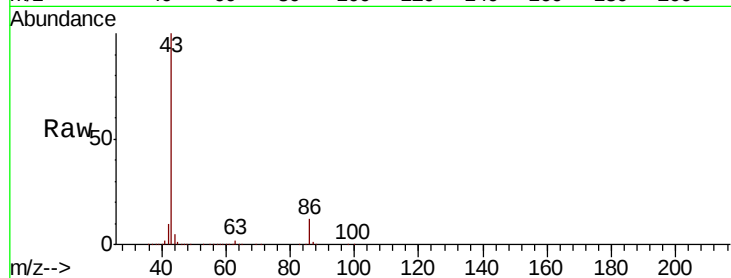
VSTDCCC050EC

Tot Ion: 43 Resp: 1754866

Ion Ratio Lower Upper

43 100

86 11.8 10.1 15.1



#24

1,1-Dichloroethane

Concen: 48.759 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

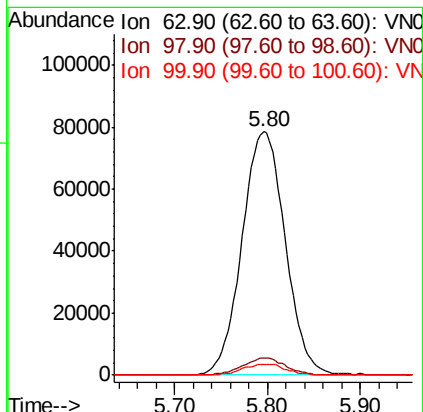
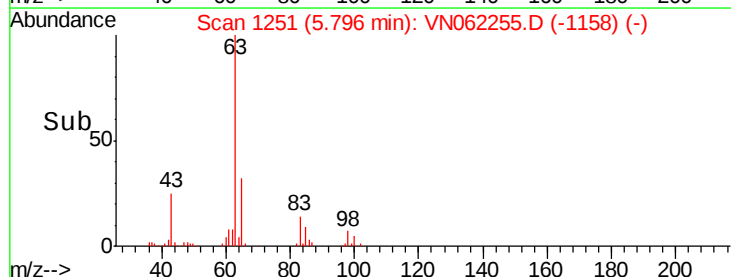
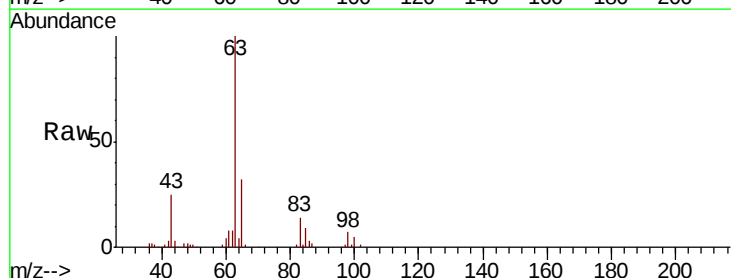
Tgt Ion: 63 Resp: 254677

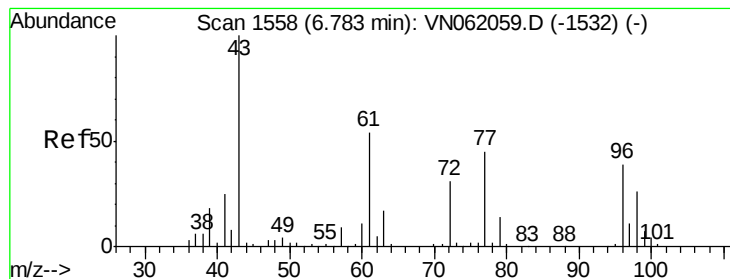
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 265.569 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

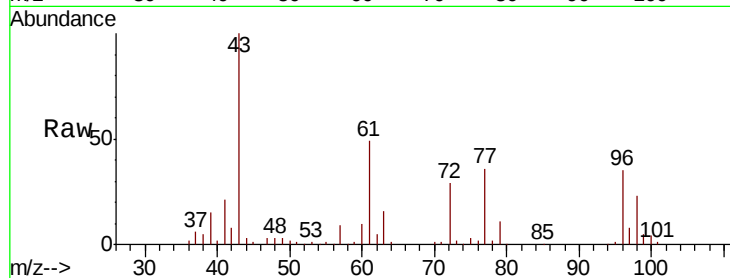
VSTDCCC050EC

Tot Ion: 43 Resp: 415104

Ion Ratio Lower Upper

43 100

72 29.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

6.79

150000

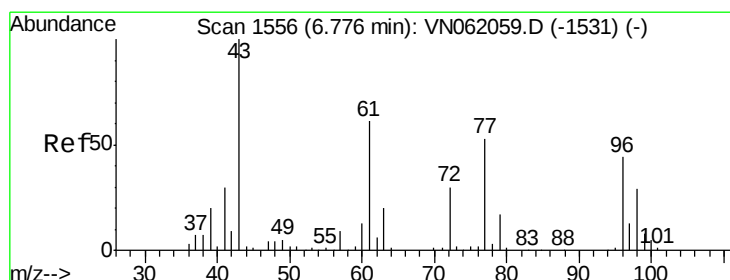
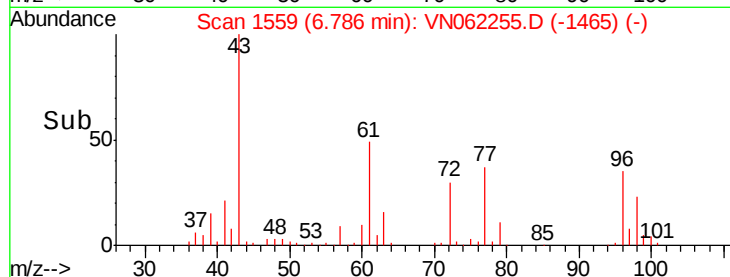
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 43.656 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062255.D

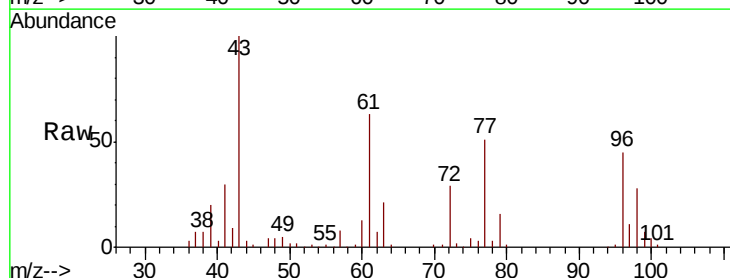
Acq: 30 Jun 2020 21:28

Tgt Ion: 77 Resp: 190015

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

6.77

60000

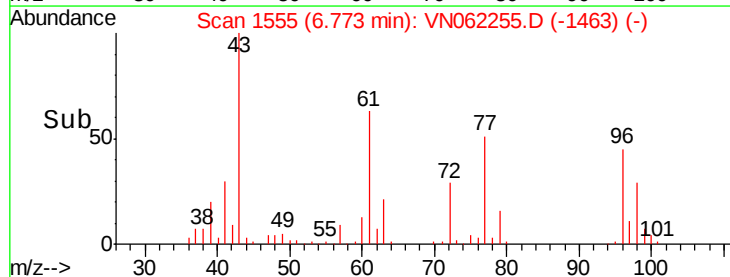
40000

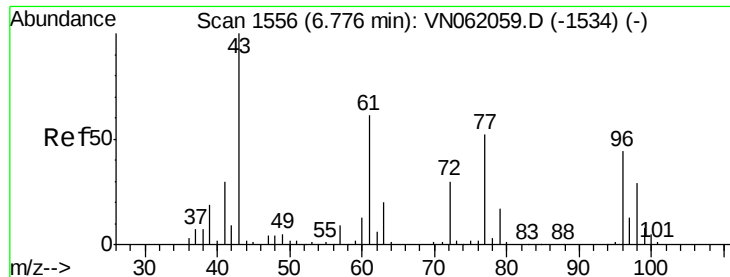
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.923 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

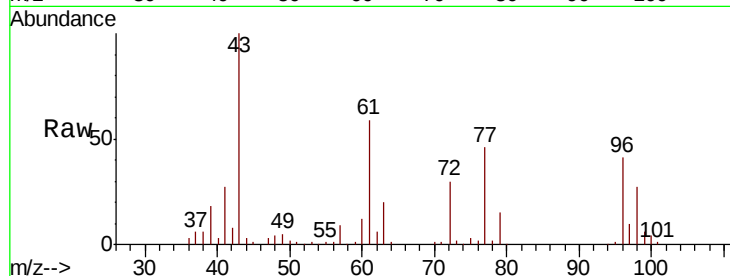
Tot Ion: 96 Resp: 157388

Ion Ratio Lower Upper

96 100

61 142.3 0.0 280.4

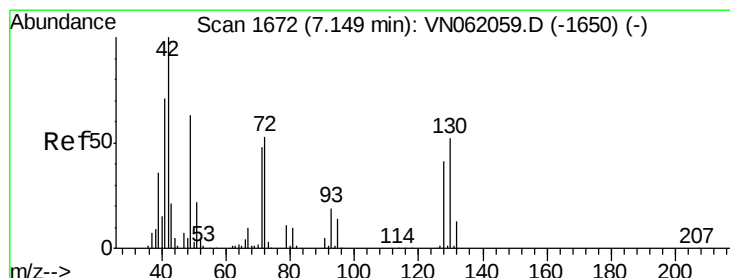
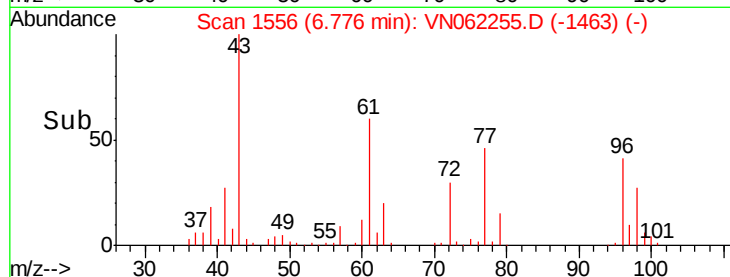
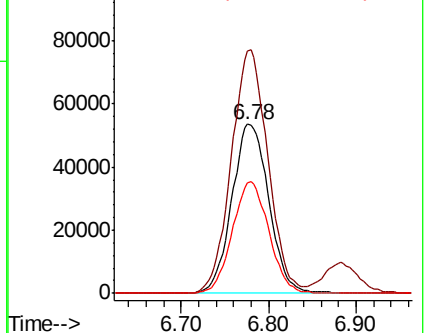
98 65.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062255.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062255.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062255.D (-1463) (-)



#28

Bromochloromethane

Concen: 52.236 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

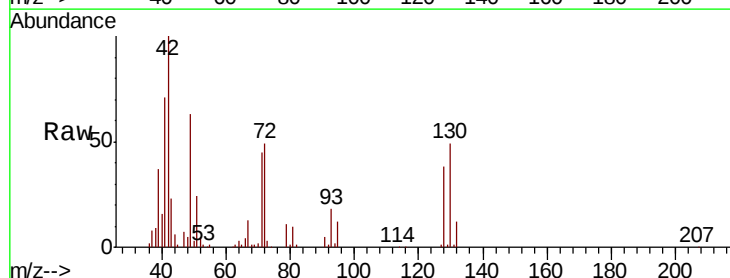
Tgt Ion: 49 Resp: 118379

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

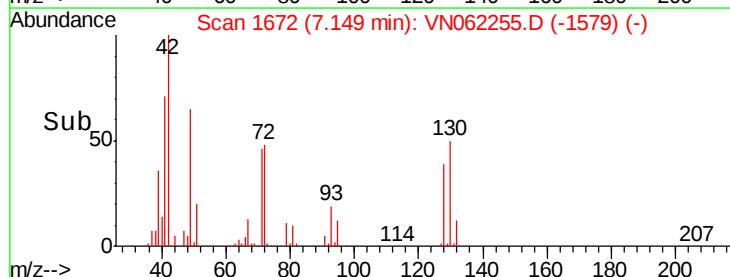
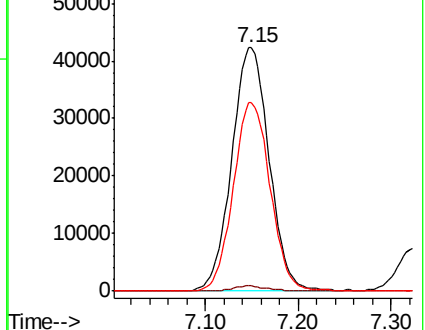
130 76.4 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN062255.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062255.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062255.D (-1579) (-)

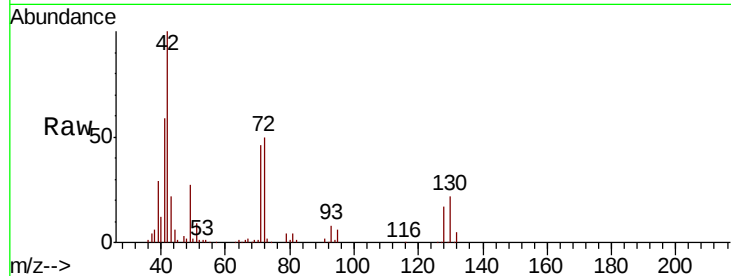




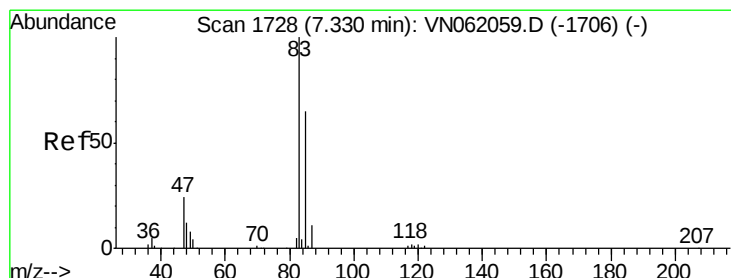
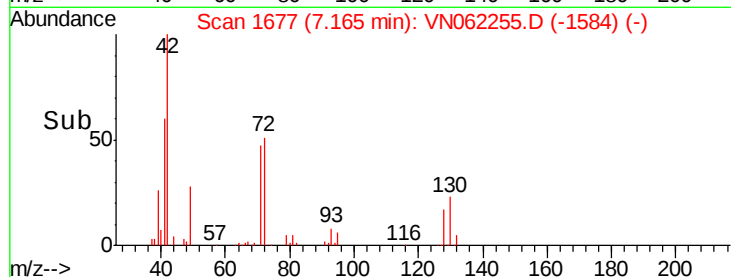
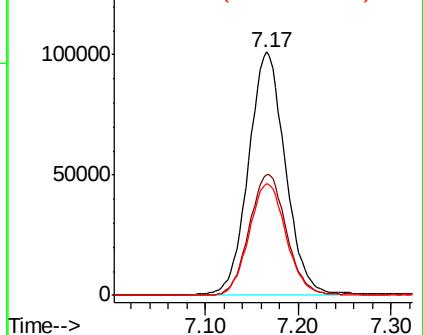
#29
Tetrahydrofuran
Concen: 272.708 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 279223
Ion Ratio Lower Upper
42 100
72 50.2 41.1 61.7
71 46.5 38.2 57.4

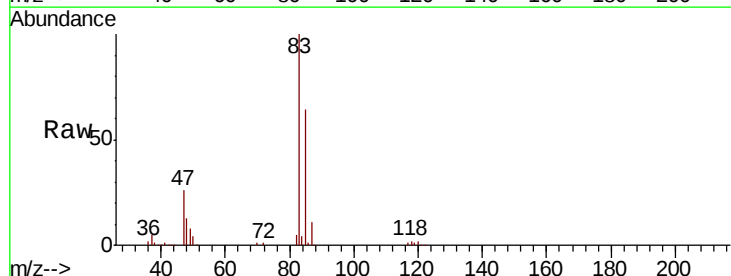


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

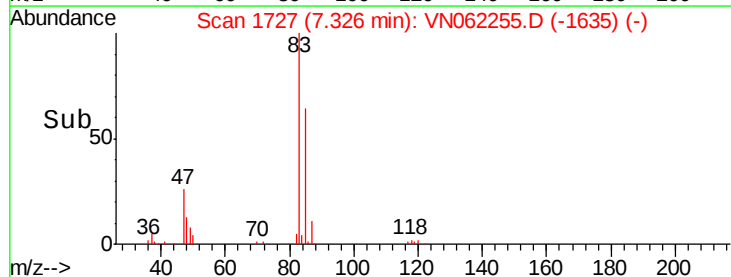
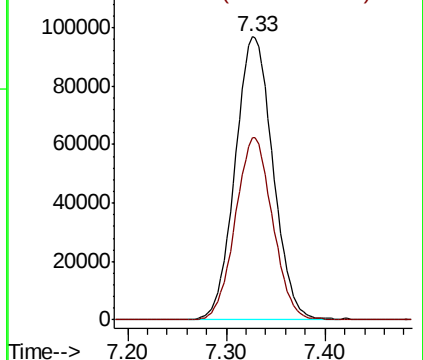


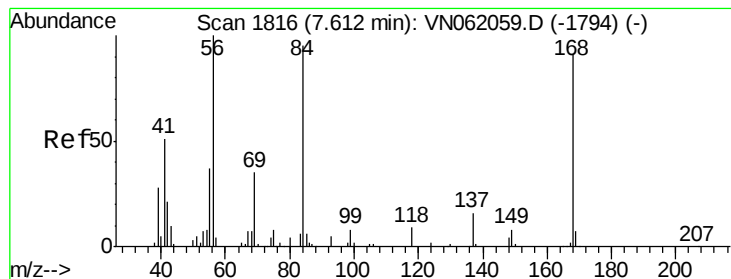
#30
Chloroform
Concen: 48.412 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 83 Resp: 257270
Ion Ratio Lower Upper
83 100
85 64.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.613 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

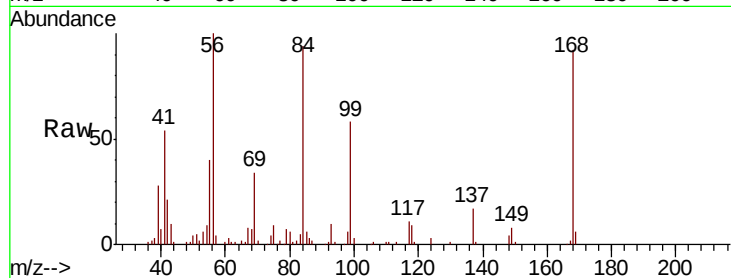
Tot Ion: 56 Resp: 205943

Ion Ratio Lower Upper

56 100

69 34.0 28.0 42.0

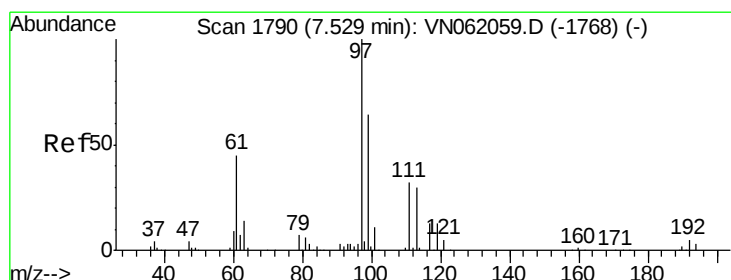
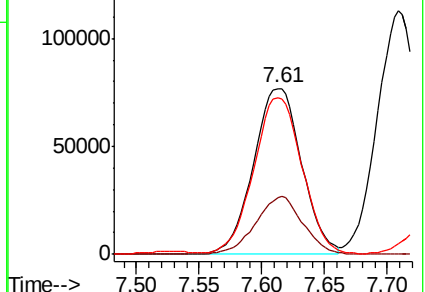
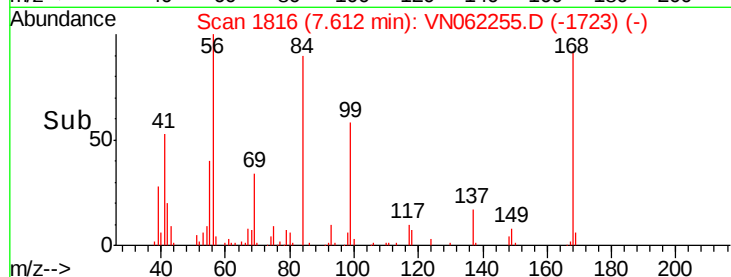
84 92.7 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062255.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062255.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062255.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 47.298 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

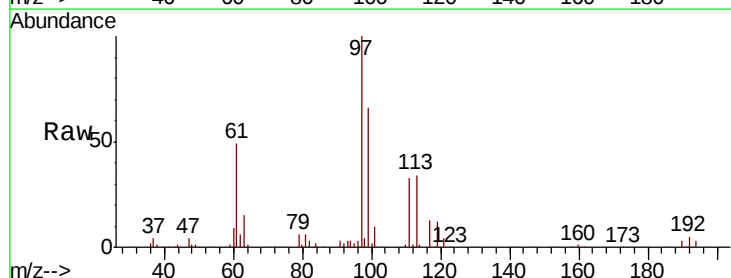
Tgt Ion: 97 Resp: 211972

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

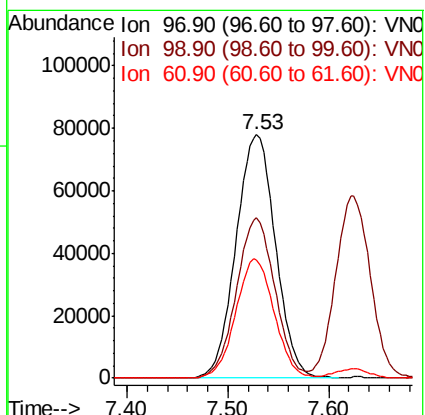
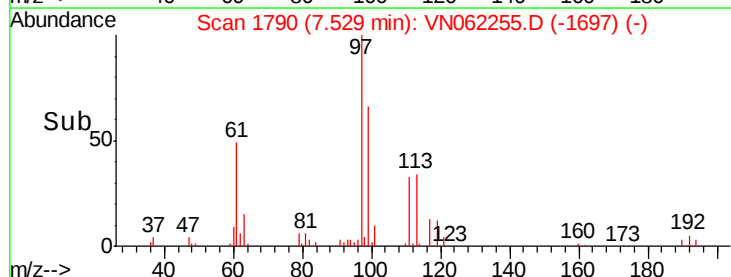
61 47.7 36.2 54.2

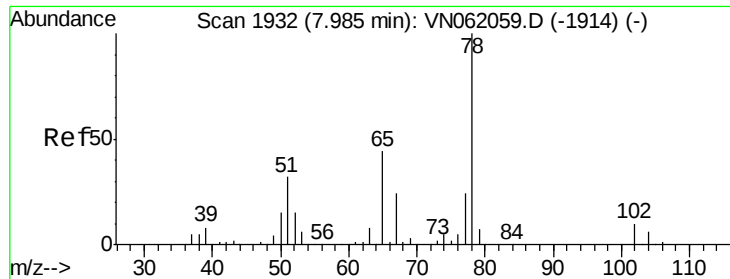


Abundance Ion 96.90 (96.60 to 97.60): VN062255.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062255.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062255.D (-1697) (-)

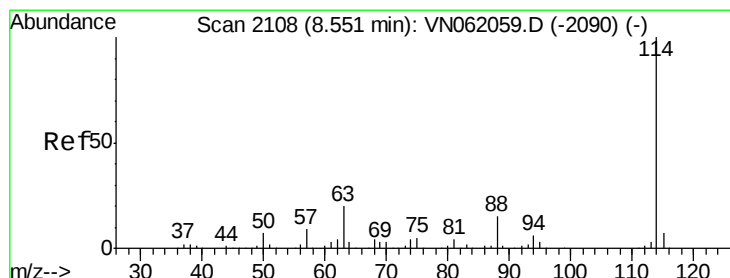
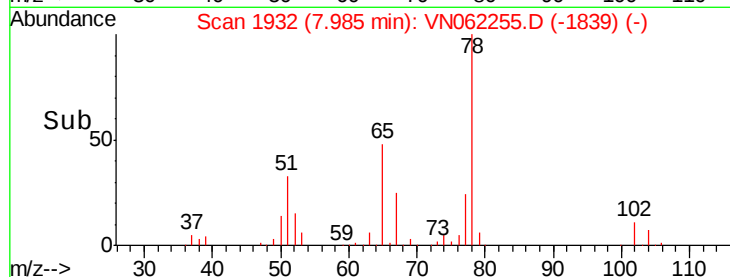
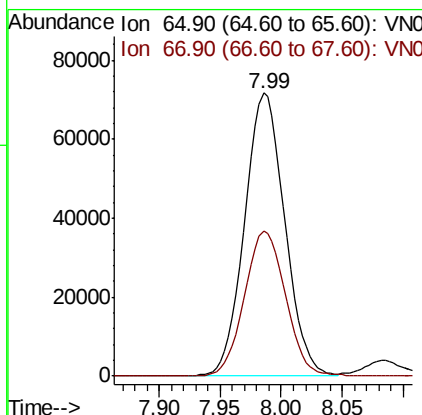
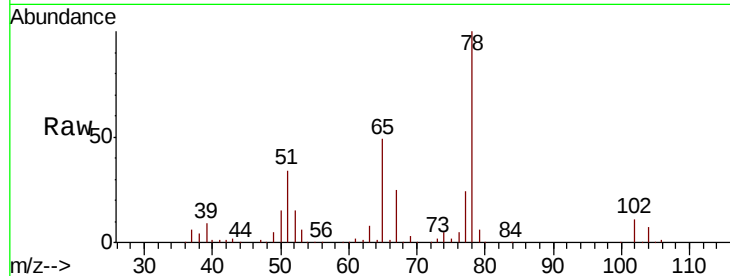




#33
 1,2-Dichloroethane-d4
 Concen: 51.126 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

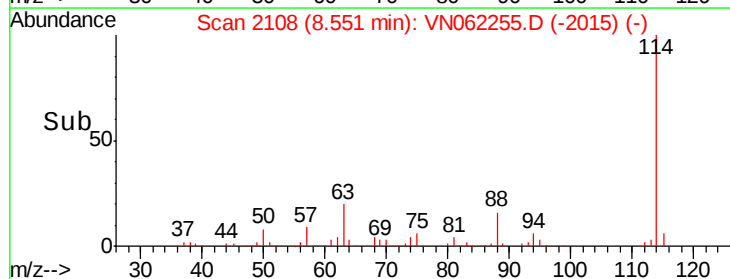
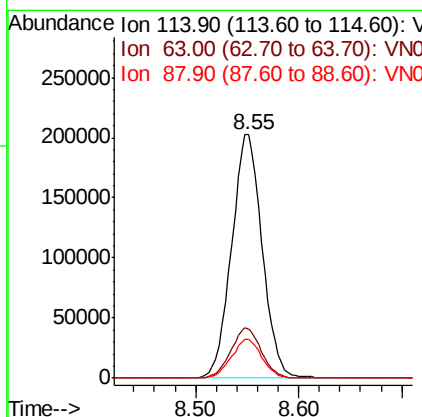
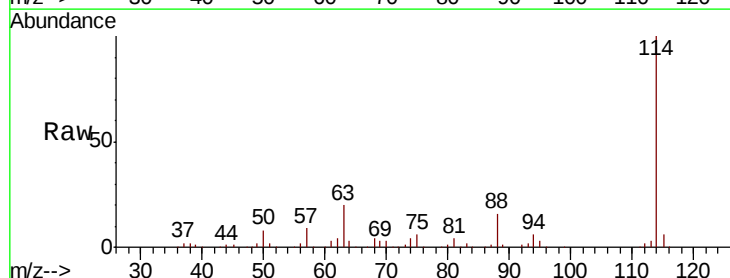
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 163495
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 114 Resp: 417743
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 15.9 0.0 30.8

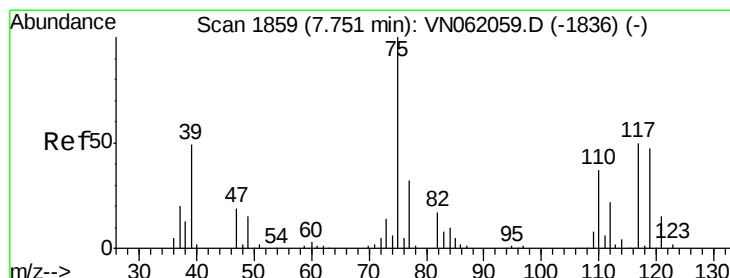
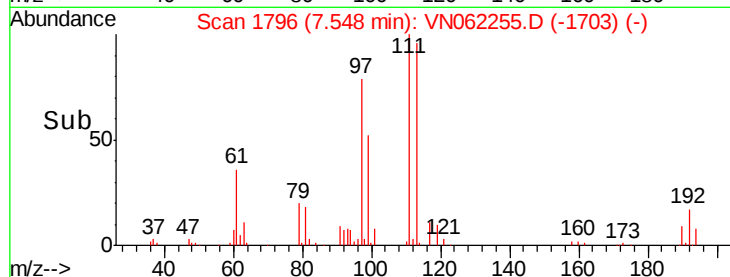
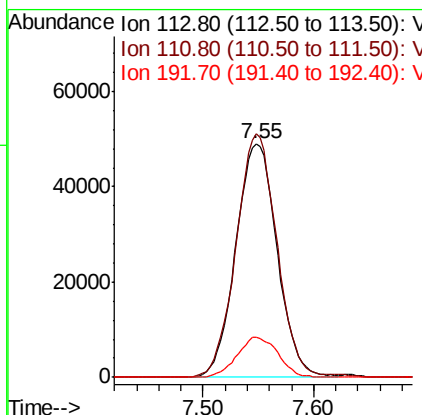
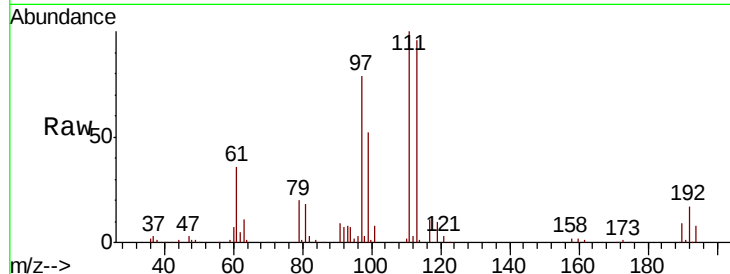




#35
 Dibromofluoromethane
 Concen: 47.544 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

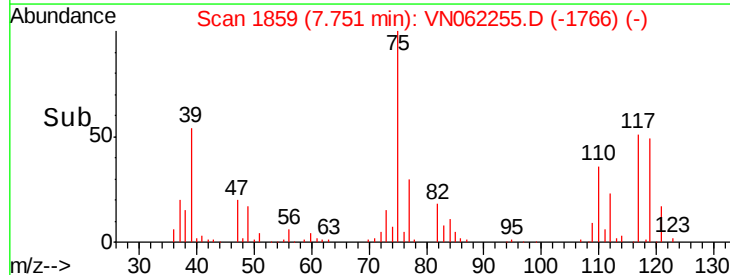
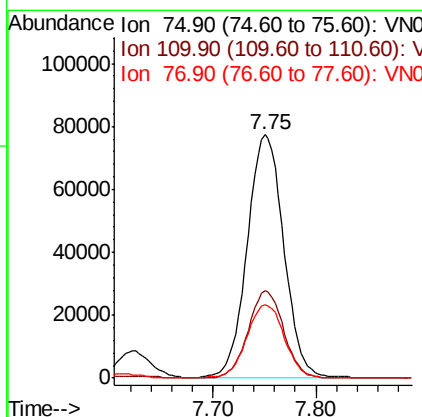
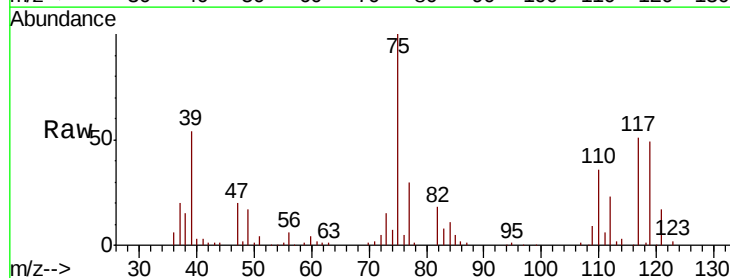
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 127420
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 17.0 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 44.983 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 75 Resp: 188880
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.9 53.8
 77 31.3 24.9 37.3

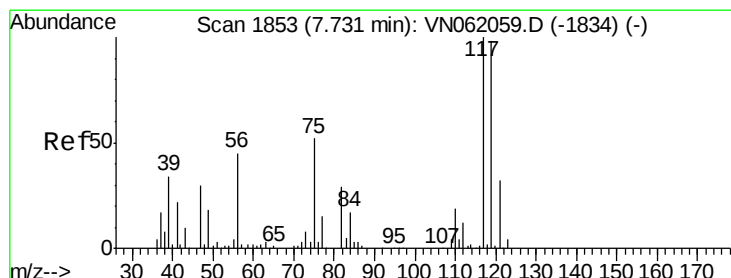
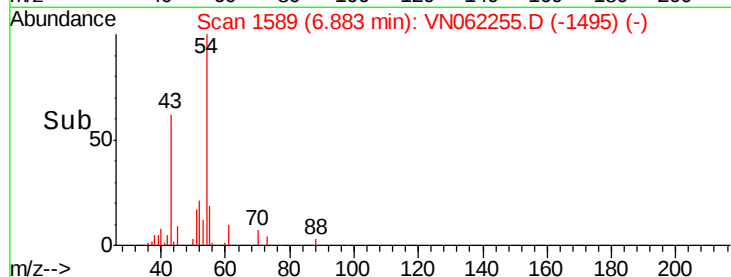
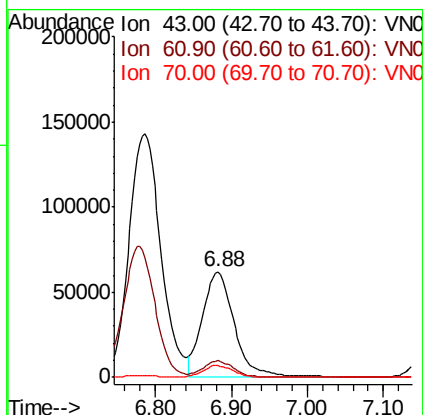
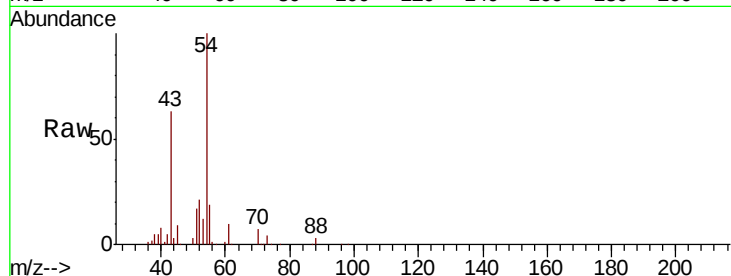




#37
Ethyl Acetate
Concen: 51.643 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

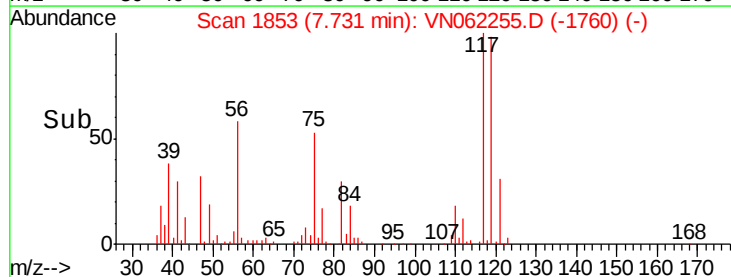
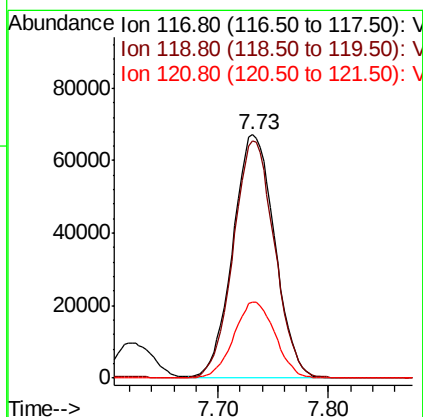
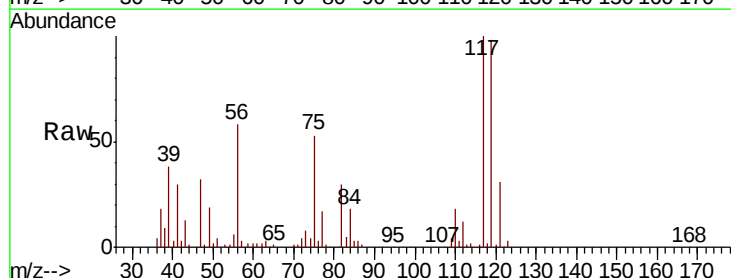
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

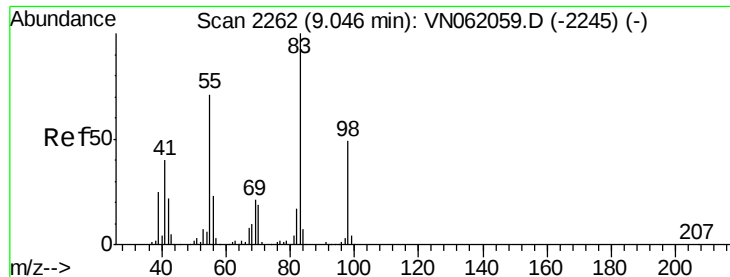
Tot Ion: 43 Resp: 179559
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 10.9 9.6 14.4



#38
Carbon Tetrachloride
Concen: 44.625 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 117 Resp: 176658
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.2
121 31.4 25.8 38.6

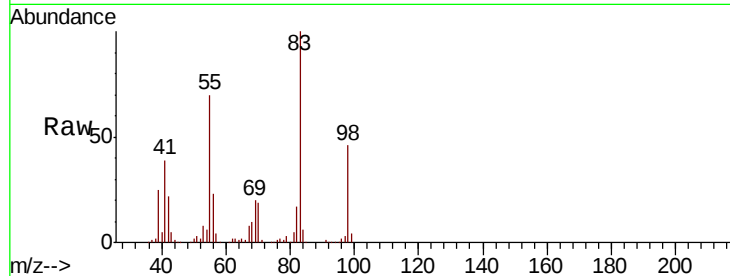




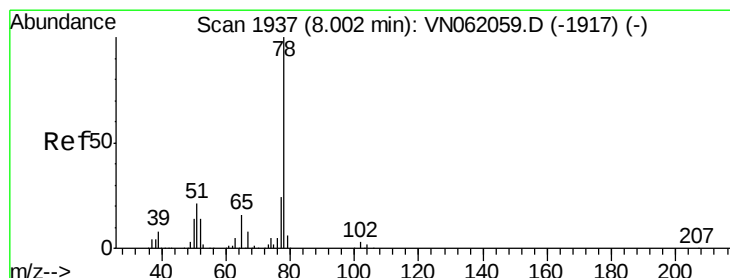
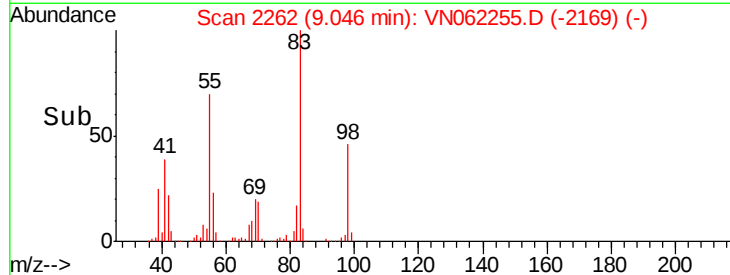
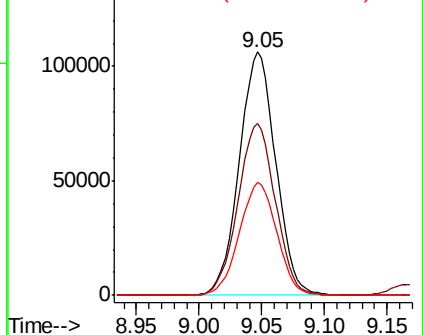
#39
Methvlcvclohexane
Concen: 46.815 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 215381
Ion Ratio Lower Upper
83 100
55 70.4 57.0 85.6
98 46.3 39.0 58.6

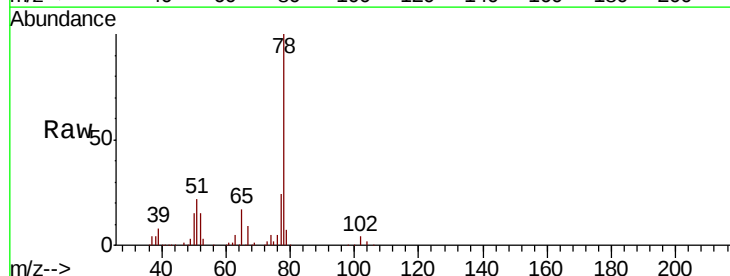


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

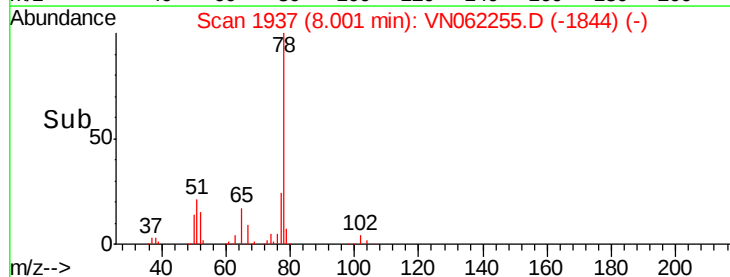
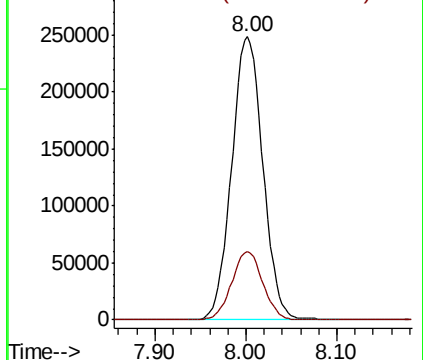


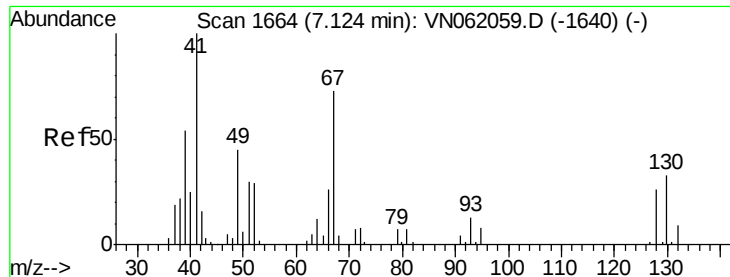
#40
Benzene
Concen: 46.217 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 78 Resp: 591494
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

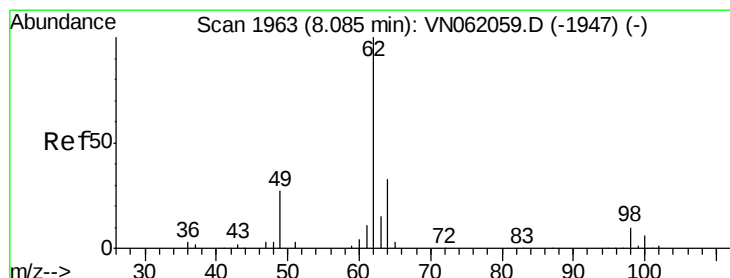
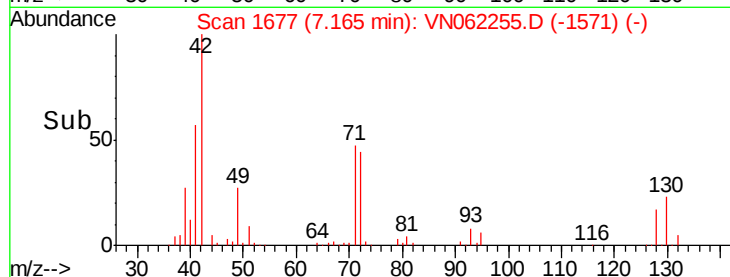
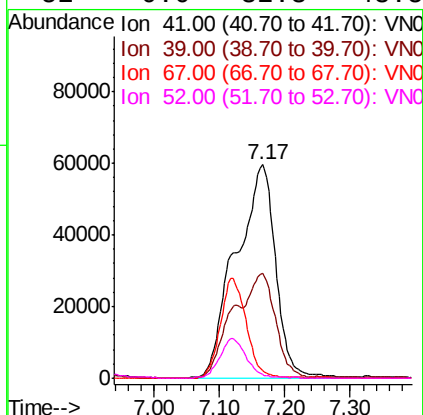
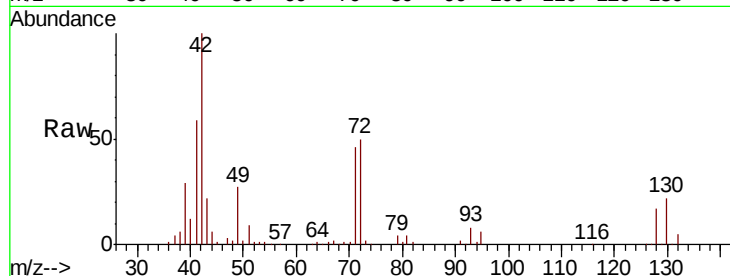




#41
Methacrylonitrile
Concen: 157.199 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

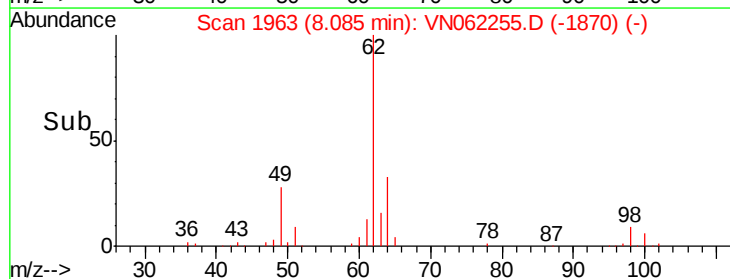
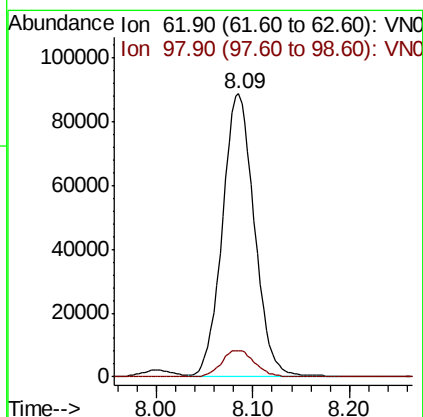
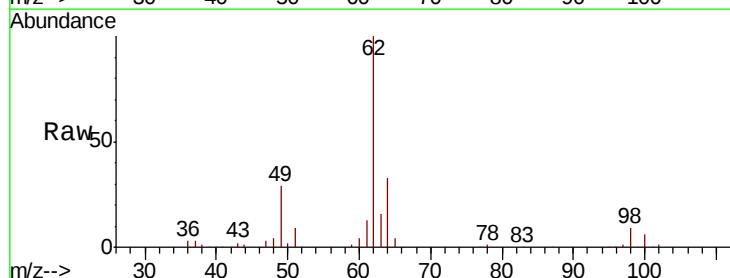
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

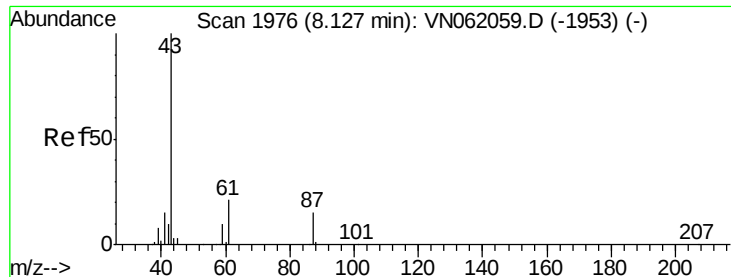
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#



#42
1,2-Dichloroethane
Concen: 47.170 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 51.758 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

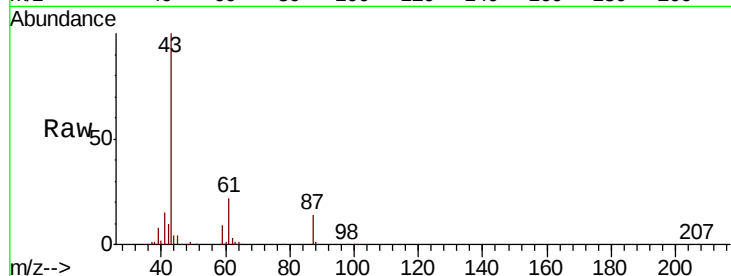
Tot Ion: 43 Resp: 293364

Ion Ratio Lower Upper

43 100

61 22.0 17.2 25.8

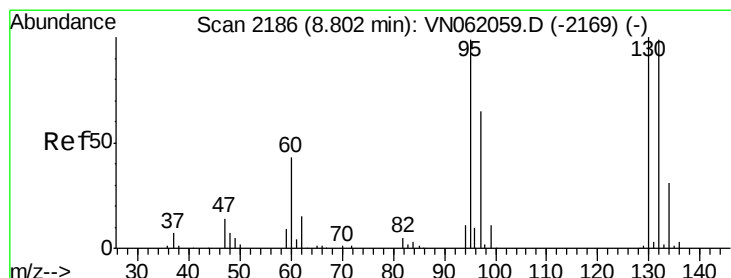
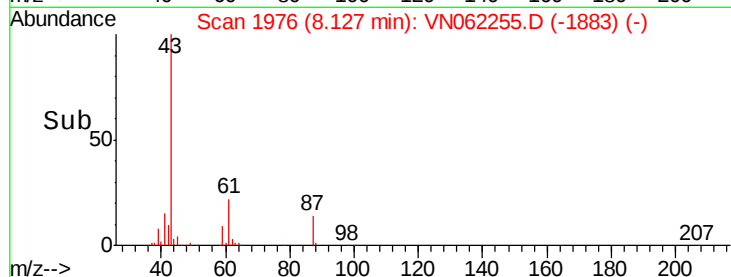
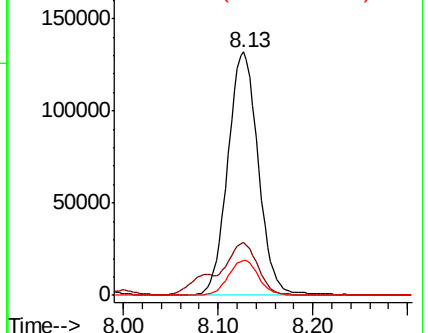
87 14.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062255.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062255.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062255.D (-1953) (-)



#44

Trichloroethene

Concen: 42.860 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062255.D

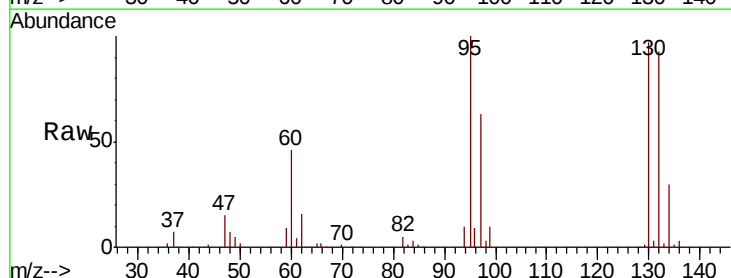
Acq: 30 Jun 2020 21:28

Tgt Ion:130 Resp: 138369

Ion Ratio Lower Upper

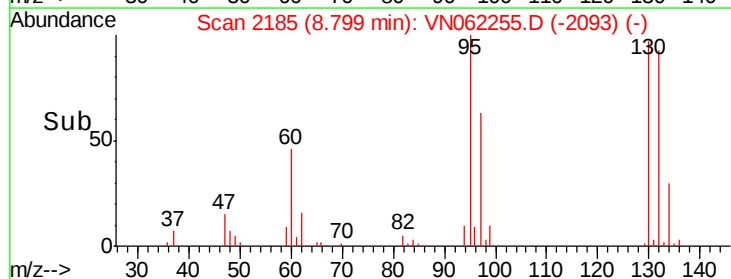
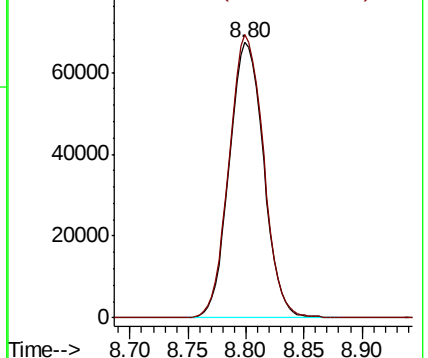
130 100

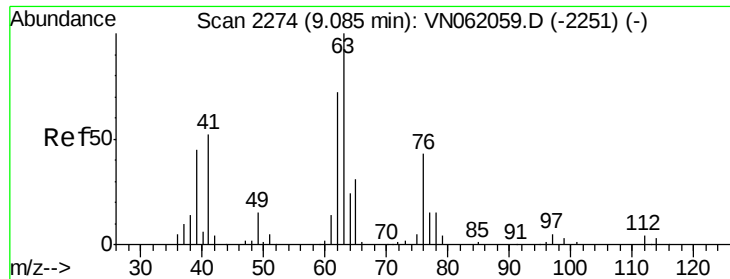
95 102.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062255.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062255.D (-2169) (-)

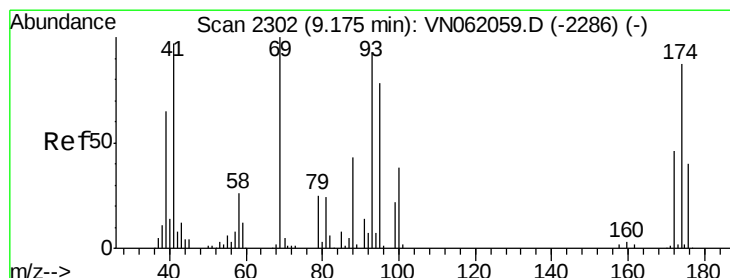
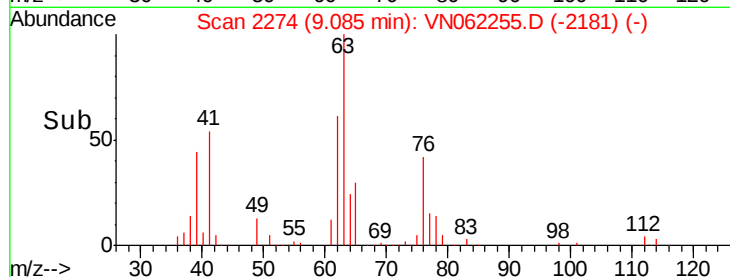
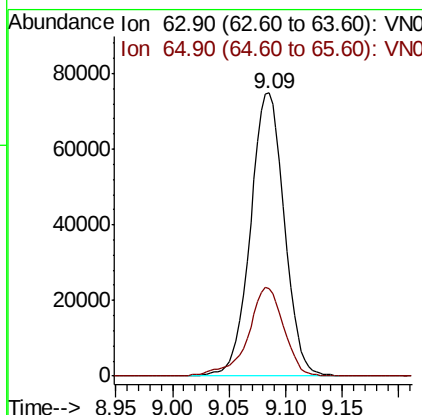
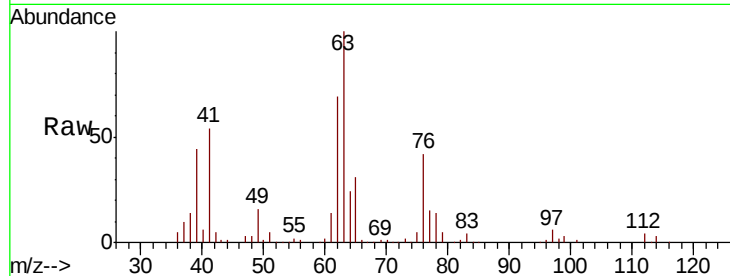




#45
 1,2-Dichloropropane
 Concen: 49.396 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

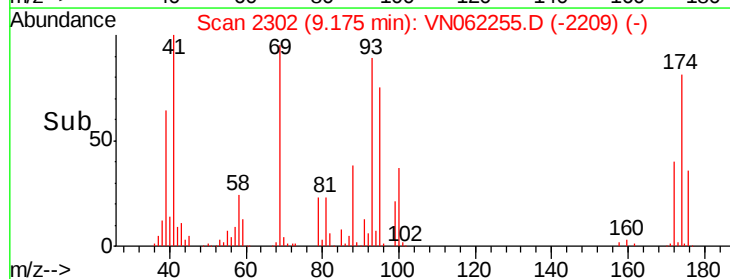
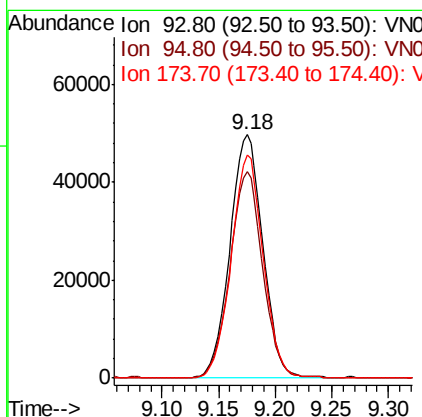
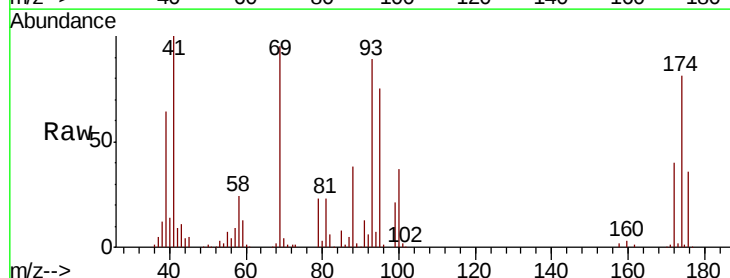
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

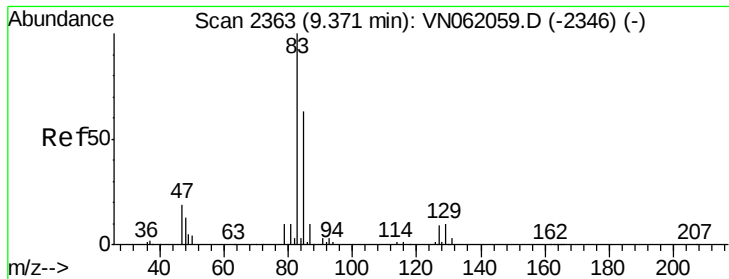
Tot Ion: 63 Resp: 155962
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 47.081 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 93 Resp: 100787
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 89.4 74.4 111.6





#47

Bromodichloromethane

Concen: 48.123 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

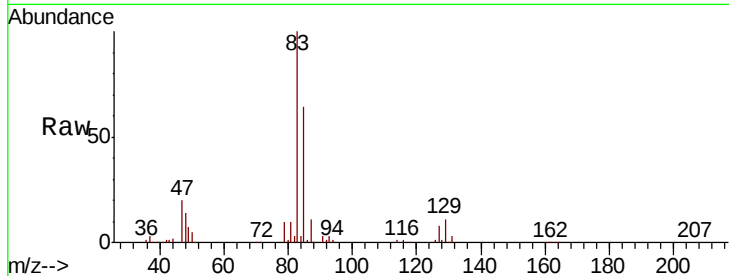
Tot Ion: 83 Resp: 208009

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

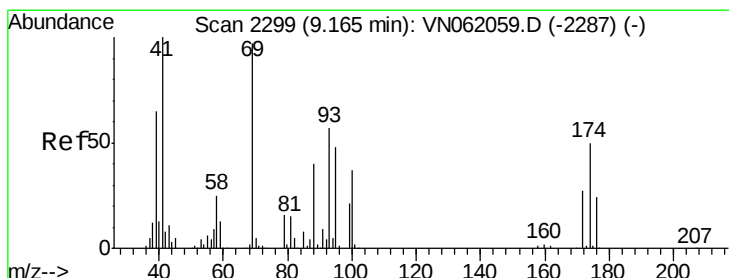
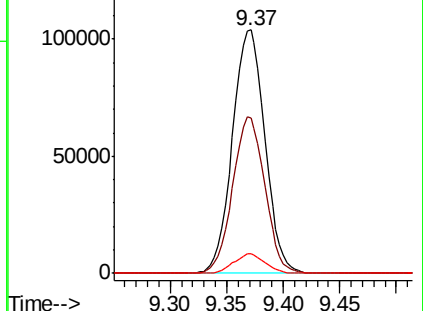
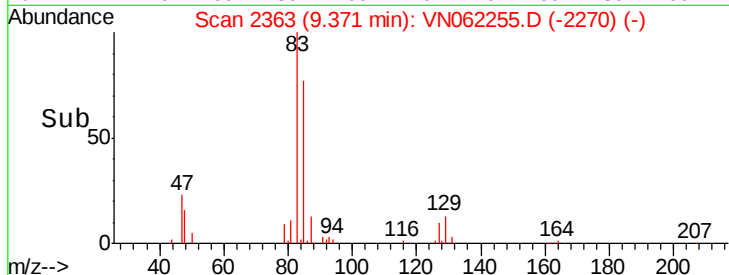
127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062255.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062255.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062255.D (-2270) (-)



#48

Methyl methacrylate

Concen: 54.162 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

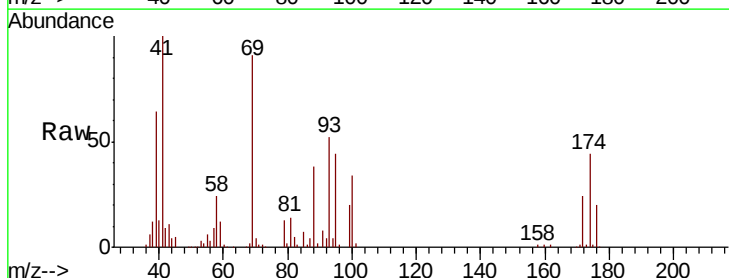
Tgt Ion: 41 Resp: 137647

Ion Ratio Lower Upper

41 100

69 93.4 80.7 121.1

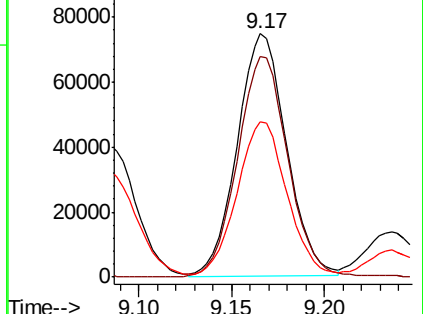
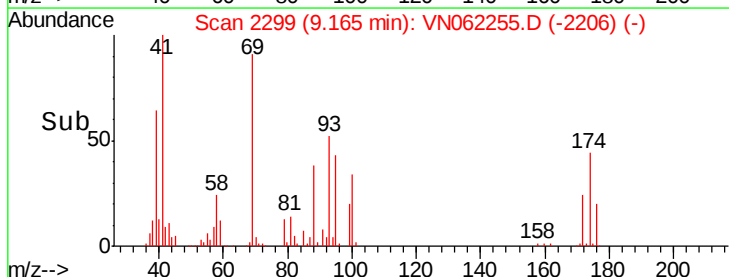
39 65.1 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062255.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062255.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062255.D (-2206) (-)

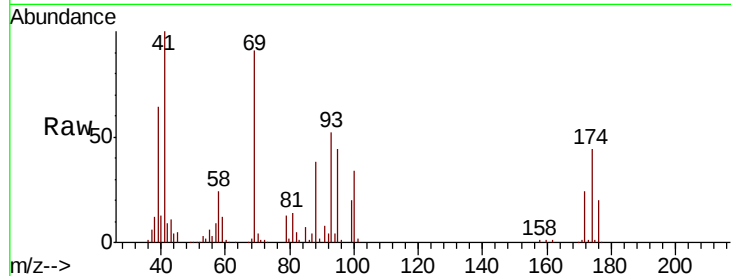




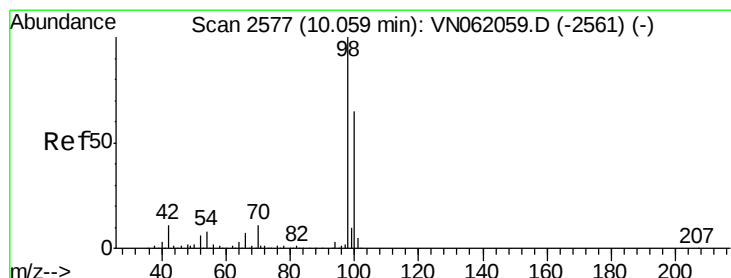
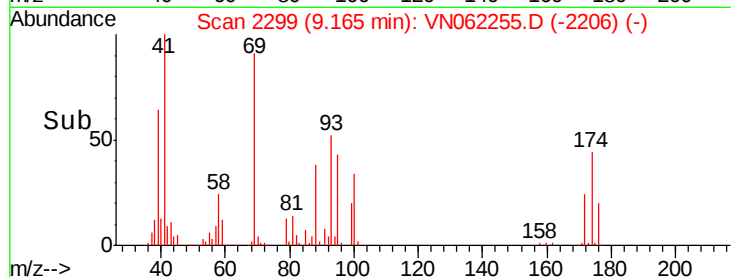
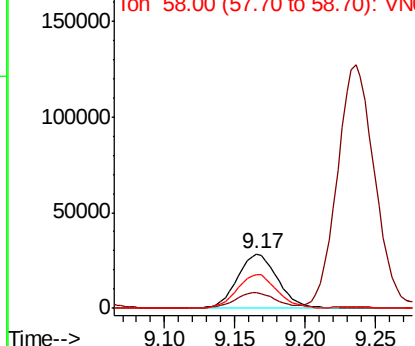
#49
1,4-Dioxane
Concen: 1005.216 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 56652
Ion Ratio Lower Upper
88 100
43 28.2 22.0 33.0
58 62.3 49.2 73.8

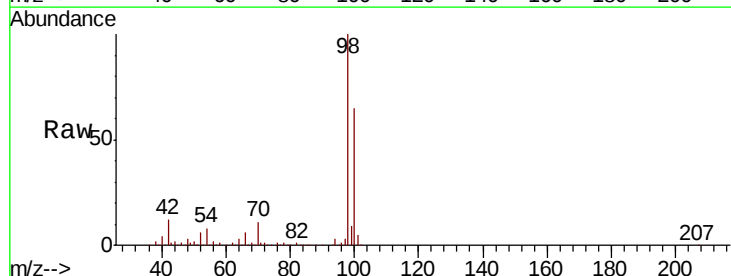


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

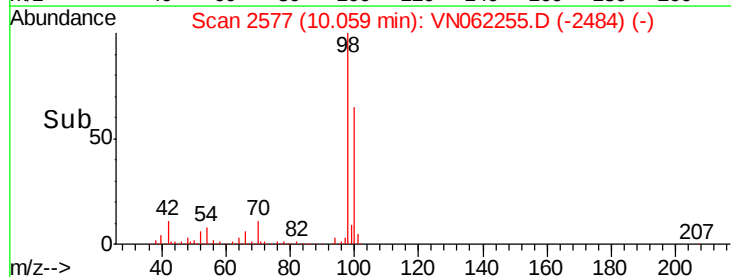
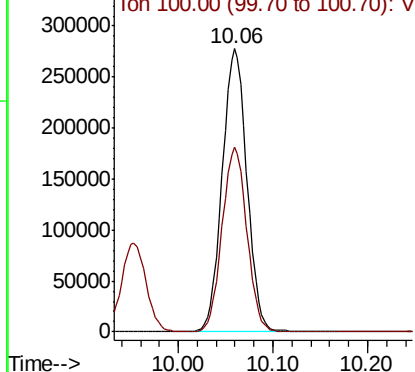


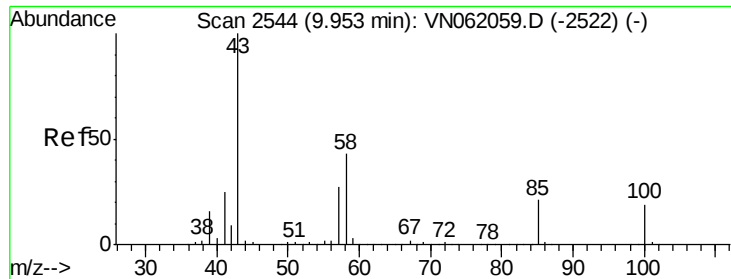
#50
Toluene-d8
Concen: 47.064 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 98 Resp: 504189
Ion Ratio Lower Upper
98 100
100 65.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 270.995 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

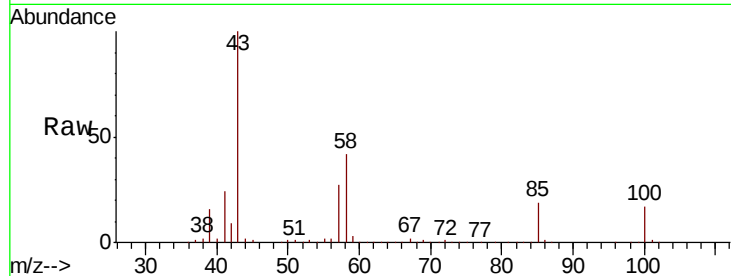
VSTDCCC050EC

Tot Ion: 43 Resp: 897417

Ion Ratio Lower Upper

43 100

58 42.3 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

500000

400000

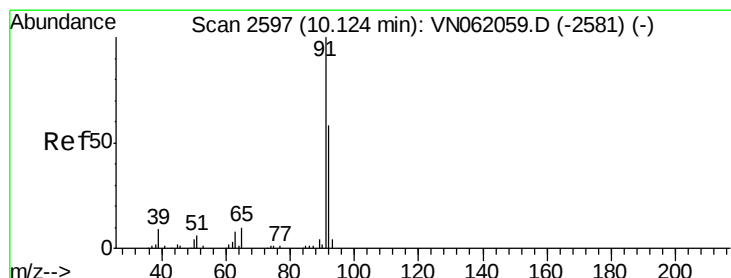
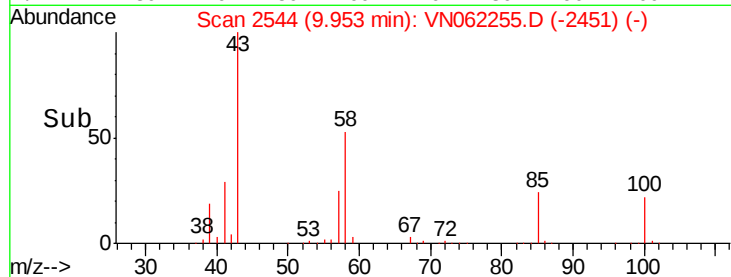
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.859 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062255.D

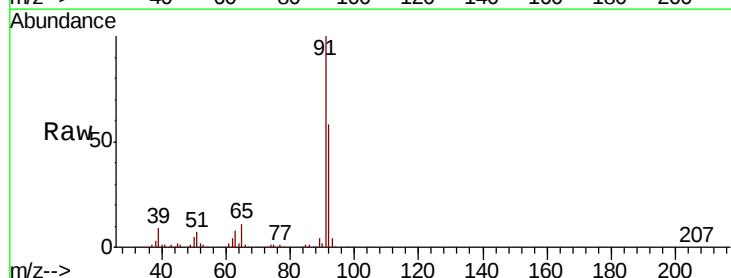
Acq: 30 Jun 2020 21:28

Tgt Ion: 92 Resp: 373723

Ion Ratio Lower Upper

92 100

91 171.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

400000

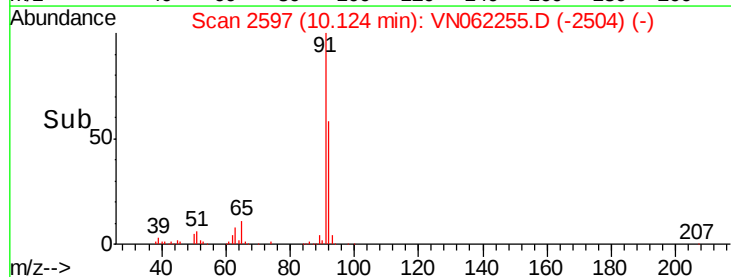
300000

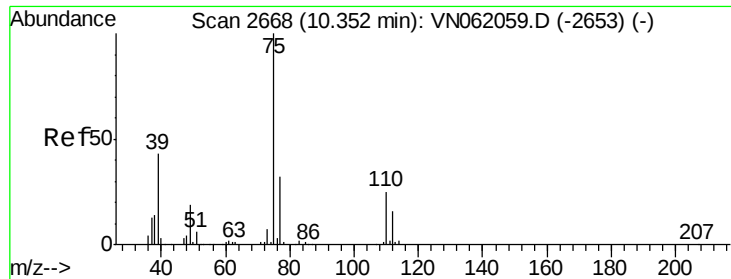
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.489 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

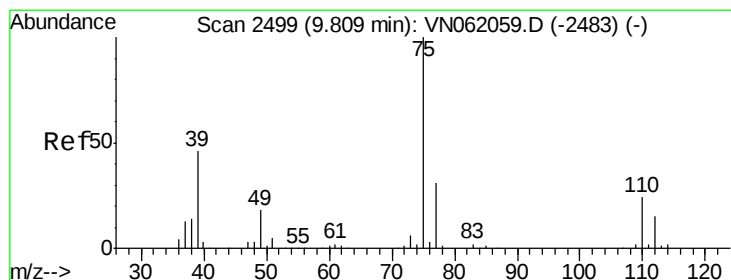
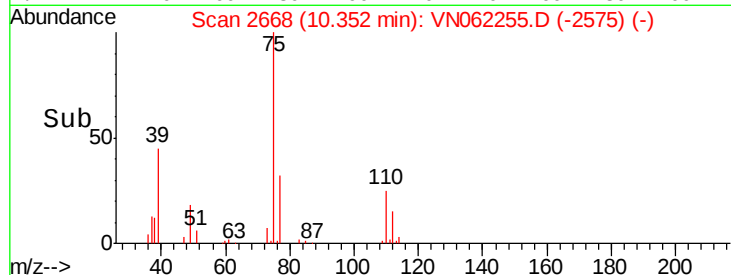
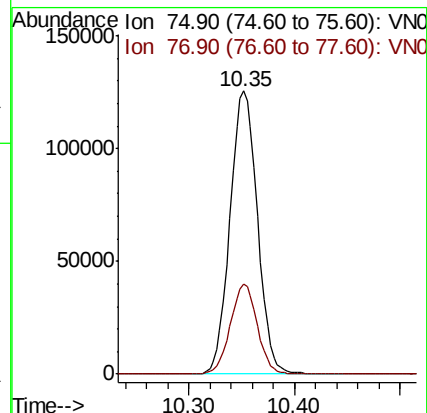
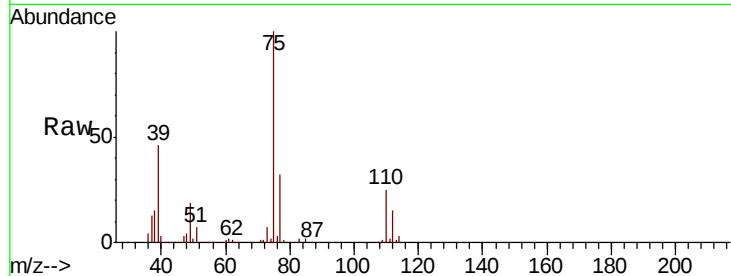
VSTDCCC050EC

Tot Ion: 75 Resp: 225830

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 48.979 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

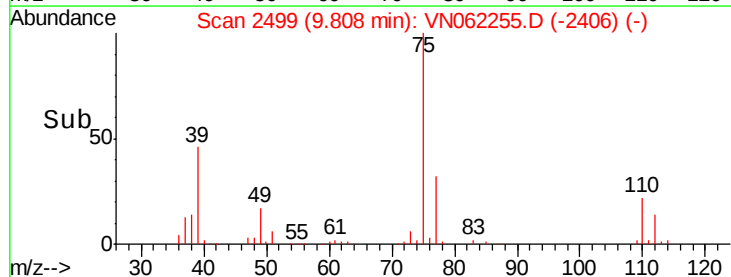
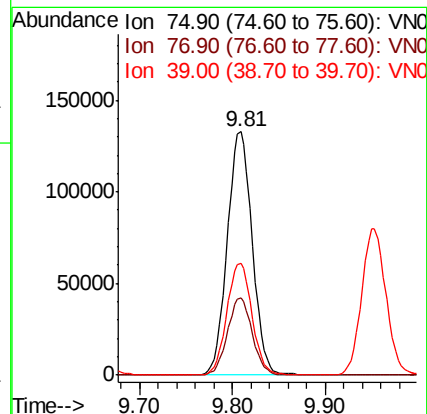
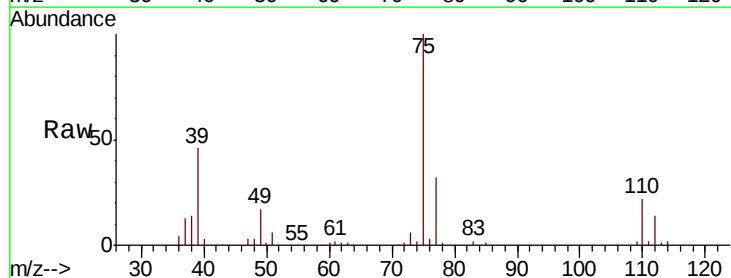
Tgt Ion: 75 Resp: 247972

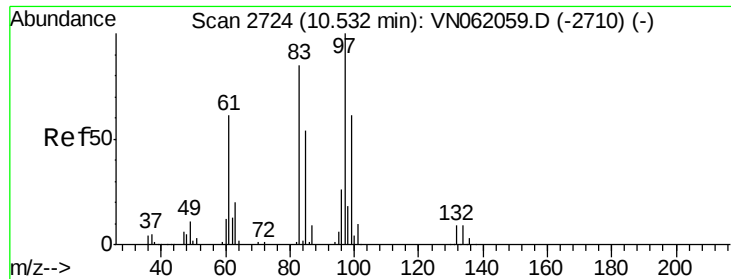
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 45.7 36.9 55.3

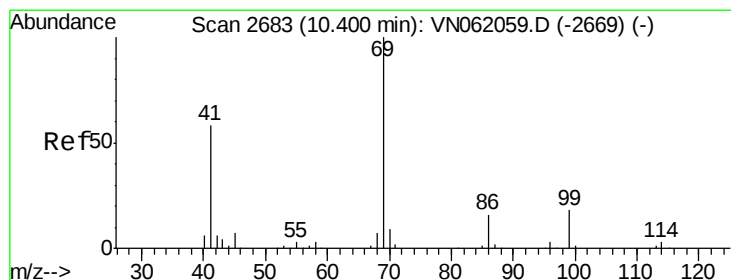
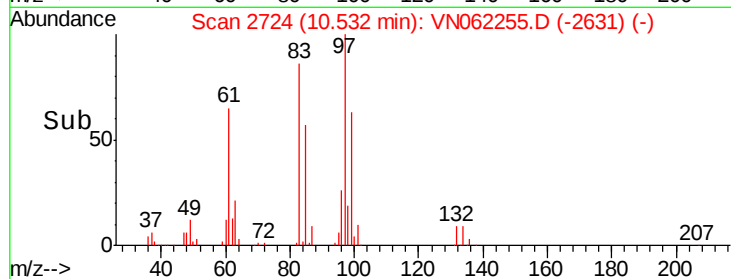
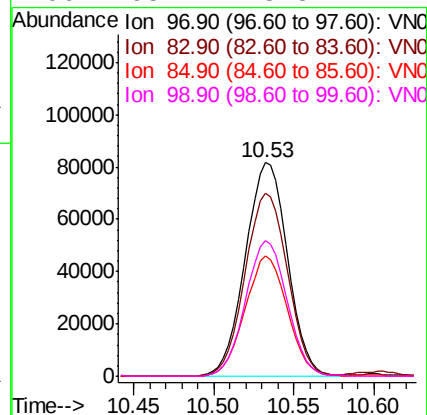
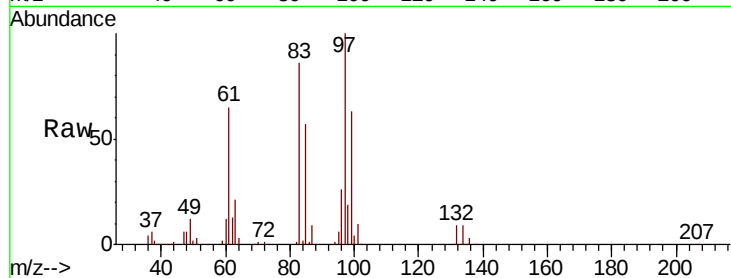




#55
 1,1,2-Trichloroethane
 Concen: 48.223 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

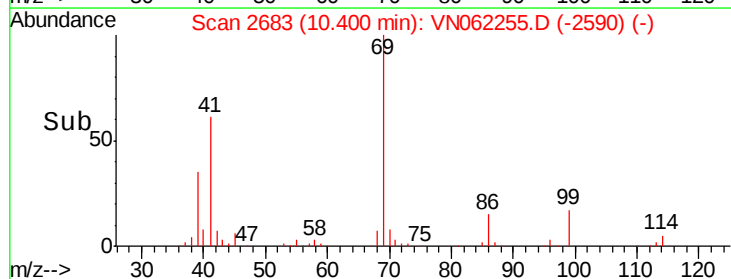
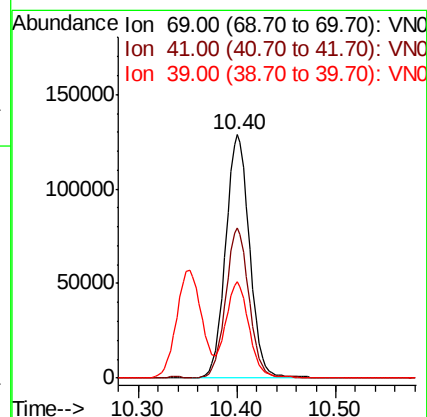
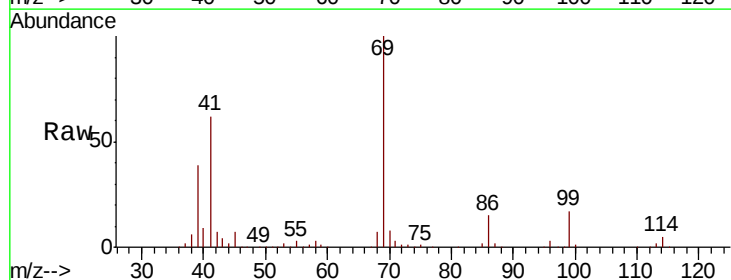
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 148025
 Ion Ratio Lower Upper
 97 100
 83 86.0 68.2 102.2
 85 56.6 43.2 64.8
 99 63.4 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 53.507 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 69 Resp: 219189
 Ion Ratio Lower Upper
 69 100
 41 59.6 46.6 70.0
 39 38.5 31.0 46.4





#57

1,3-Dichloropropane

Concen: 48.958 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

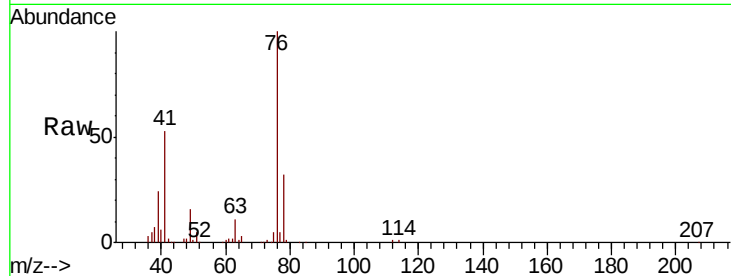
VSTDCCC050EC

Tot Ion: 76 Resp: 258668

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062255.D (-2754) (-)

Ion 77.90 (77.60 to 78.60): VN062255.D (-2754) (-)

10.68

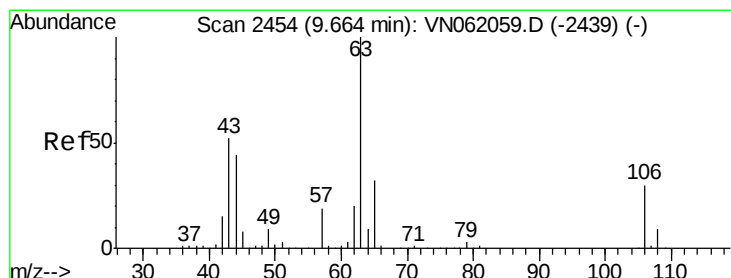
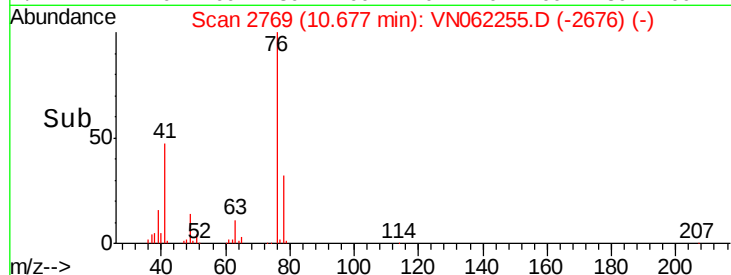
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.310 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062255.D

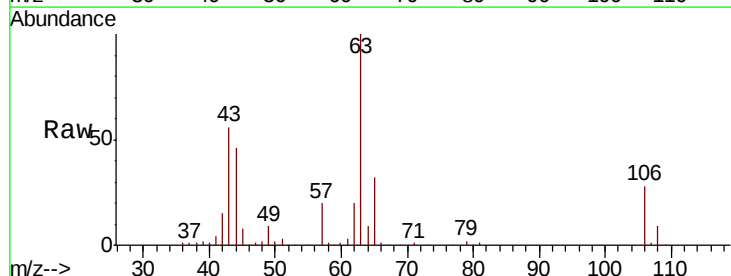
Acq: 30 Jun 2020 21:28

Tgt Ion: 63 Resp: 417960

Ion Ratio Lower Upper

63 100

106 27.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN062255.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062255.D (-2439) (-)

9.66

250000

200000

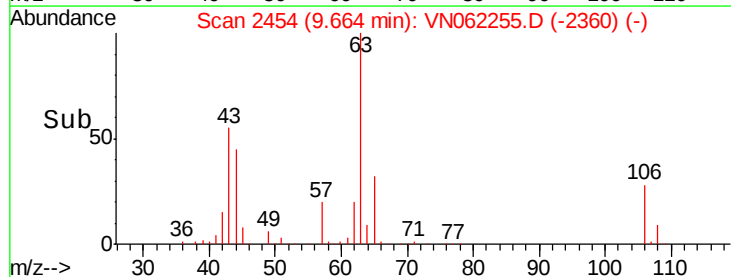
150000

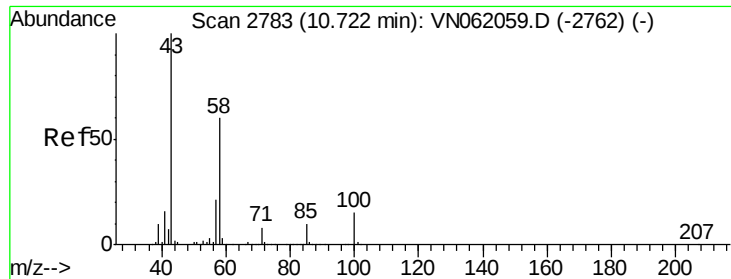
100000

50000

0

Time-->

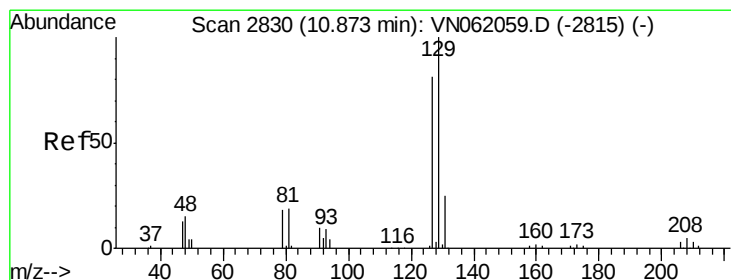
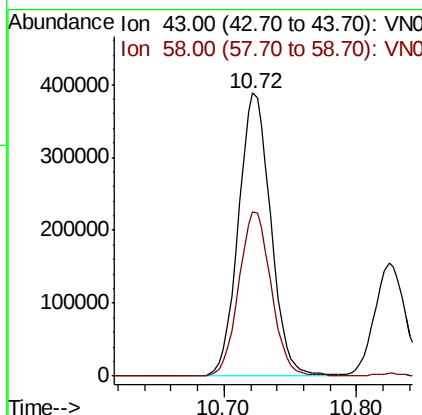
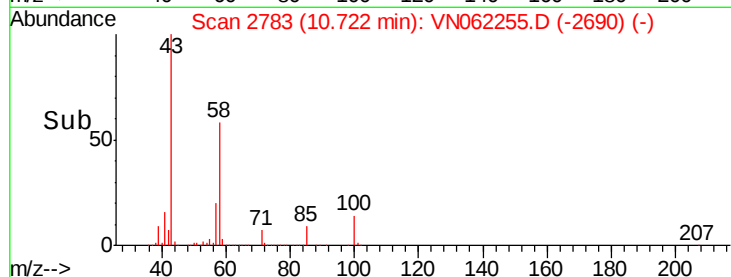
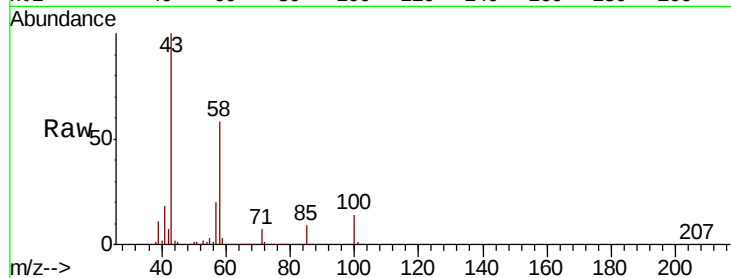




#59
2-Hexanone
Concen: 274.749 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

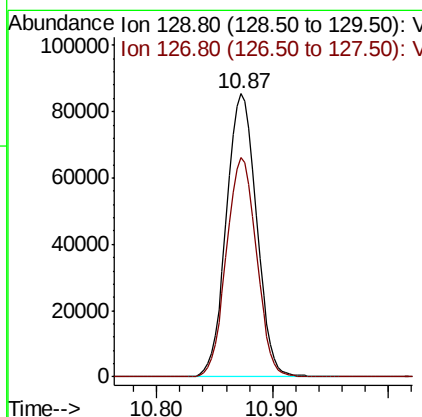
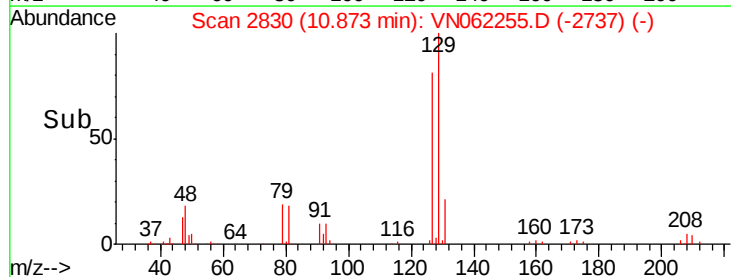
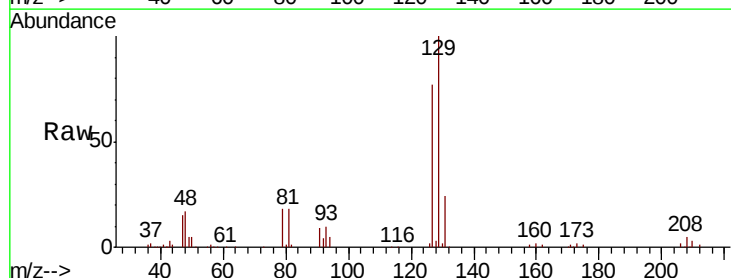
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

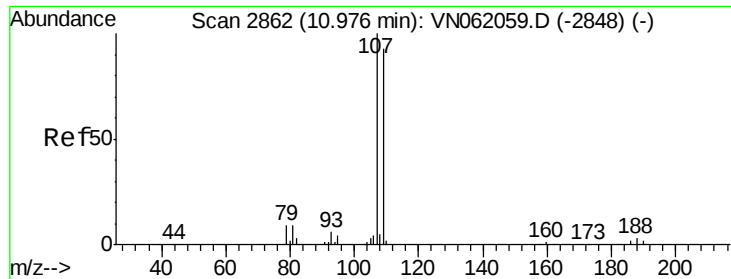
Tot Ion: 43 Resp: 657000
Ion Ratio Lower Upper
43 100
58 58.4 29.5 88.5



#60
Dibromochloromethane
Concen: 47.330 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 129 Resp: 153813
Ion Ratio Lower Upper
129 100
127 77.0 39.5 118.5

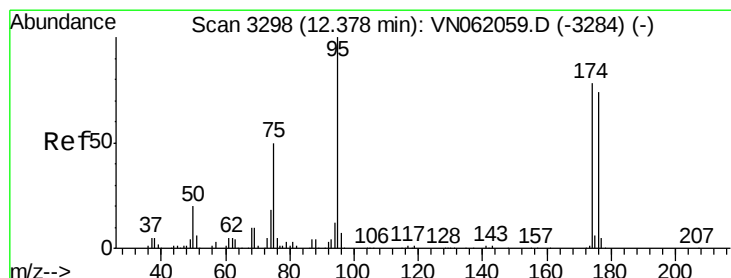
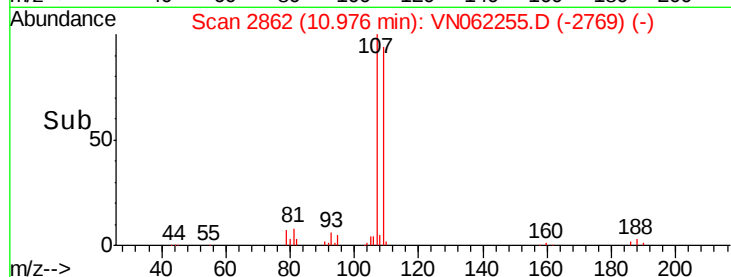
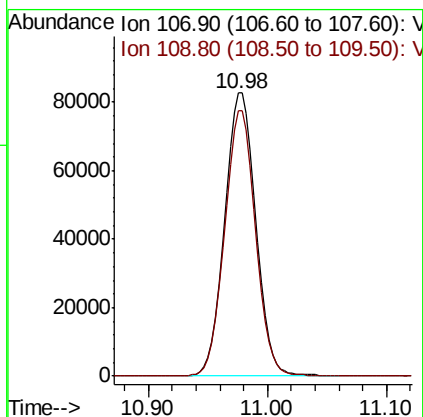
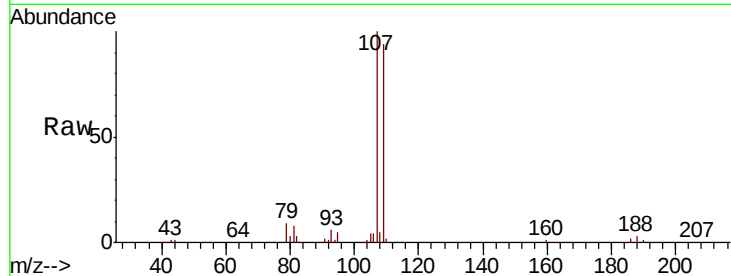




#61
 1,2-Dibromoethane
 Concen: 47.466 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

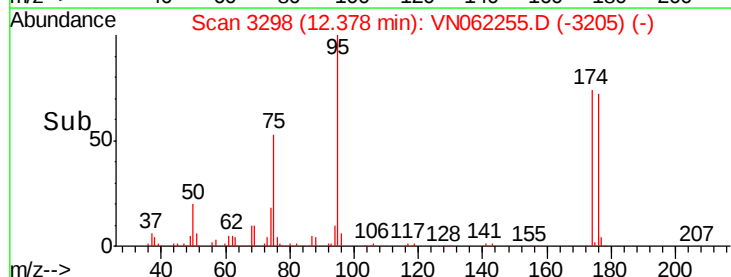
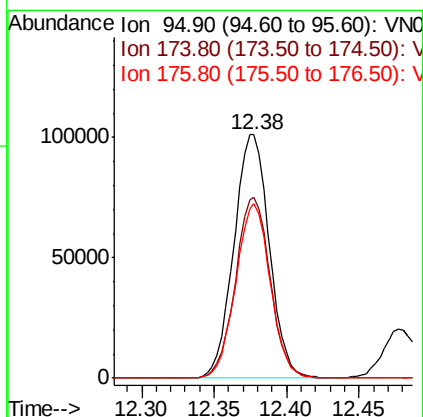
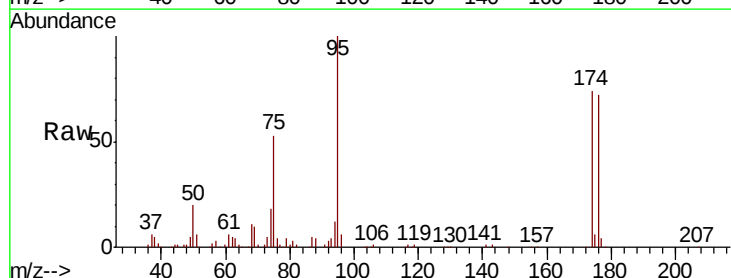
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

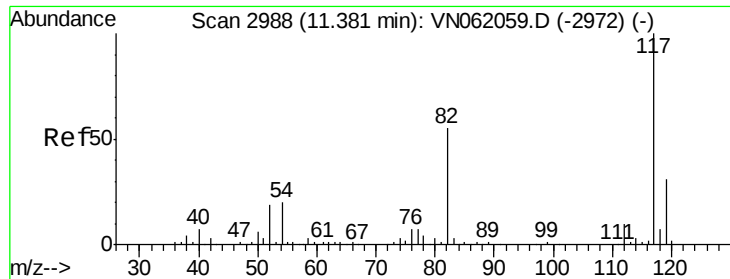
Tot Ion:107 Resp: 149711
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.398 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion: 95 Resp: 171556
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 154.8
 176 70.0 0.0 147.4

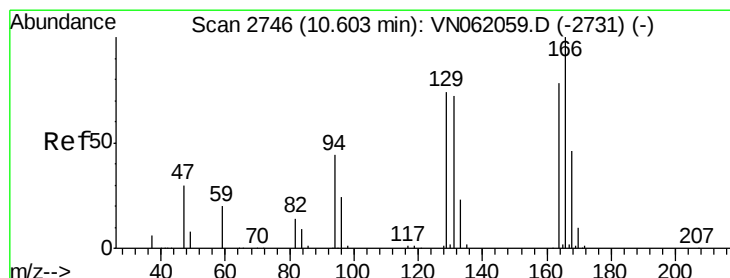
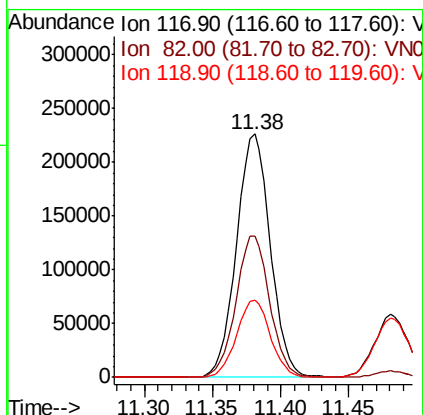
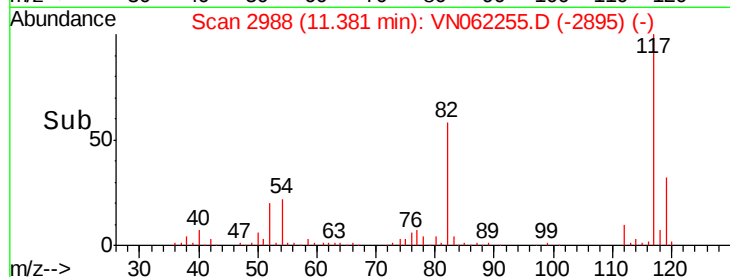
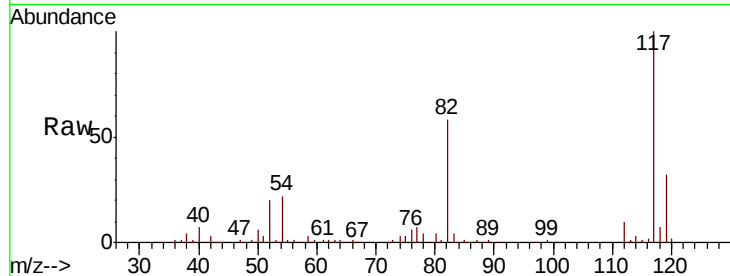




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

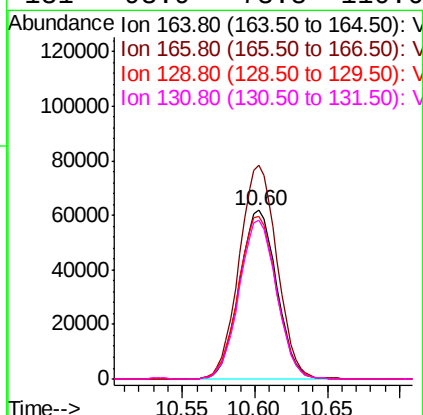
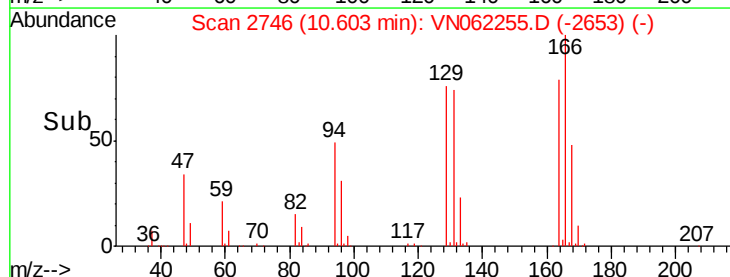
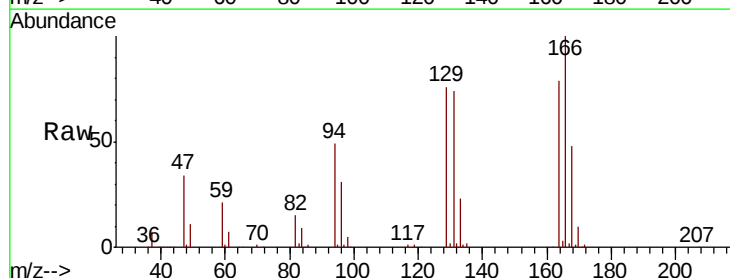
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

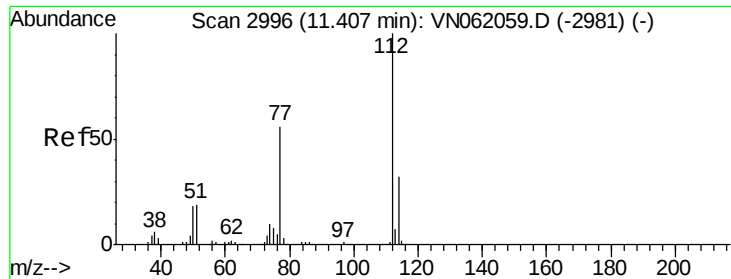
Tot Ion:117 Resp: 390650
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 41.638 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion:164 Resp: 111112
Ion Ratio Lower Upper
164 100
166 126.8 102.9 154.3
129 96.6 75.8 113.8
131 93.9 73.8 110.6

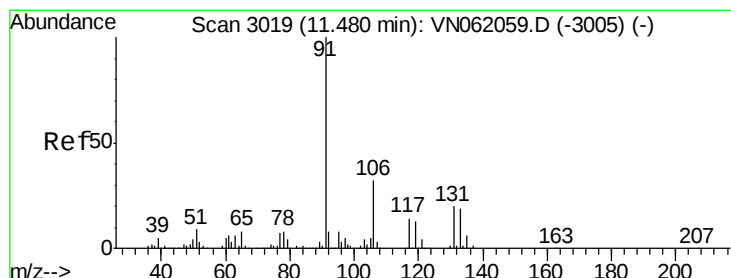
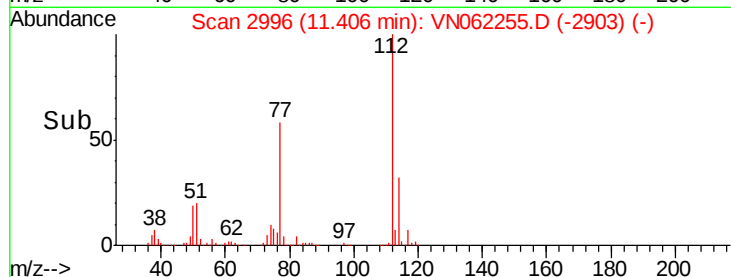
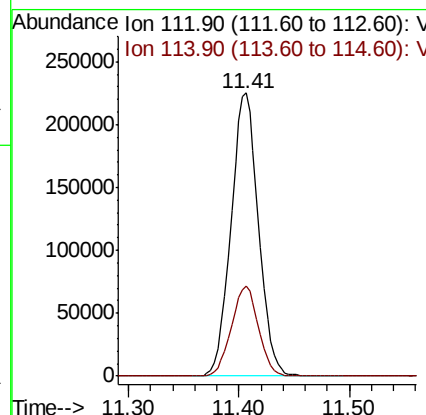
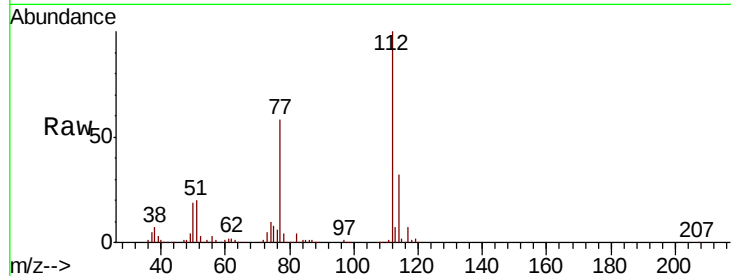




#65
Chlorobenzene
Concen: 45.127 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

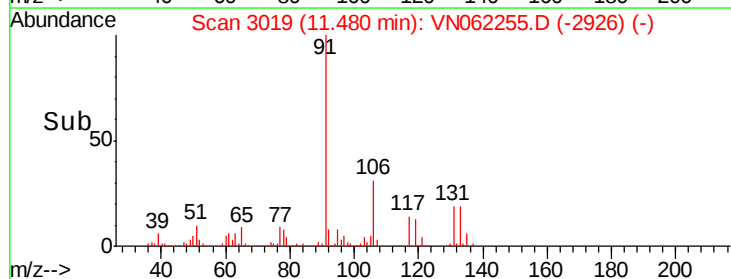
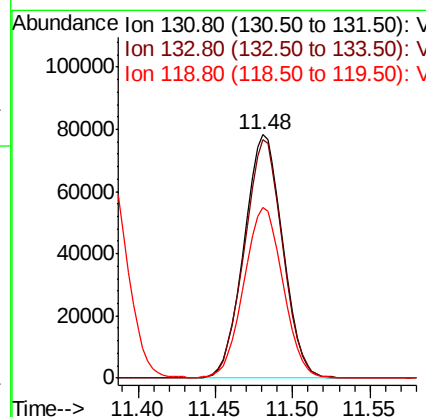
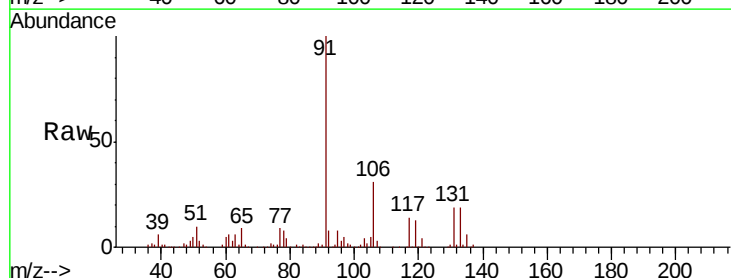
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

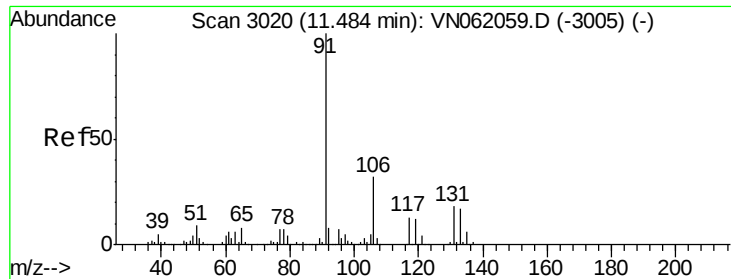
Tot Ion:112 Resp: 387130
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 45.911 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion:131 Resp: 136192
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.9
119 71.0 34.4 103.3

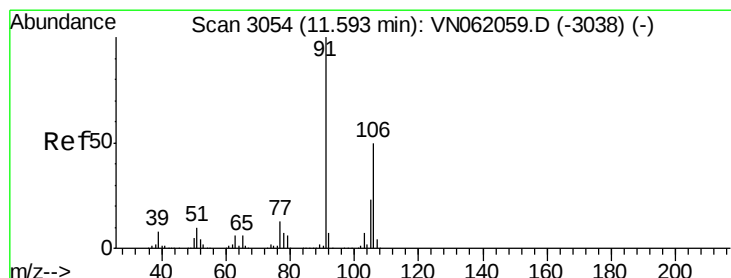
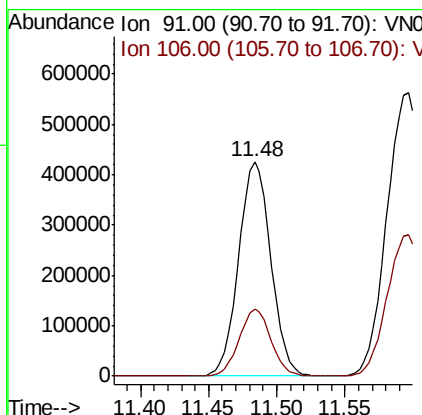
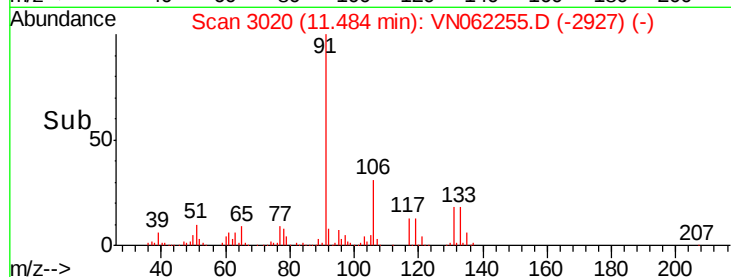
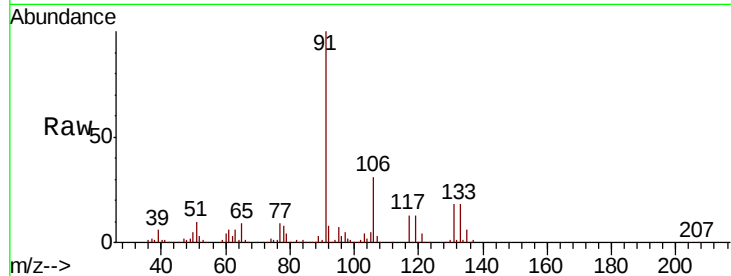




#67
Ethyl Benzene
Concen: 48.265 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

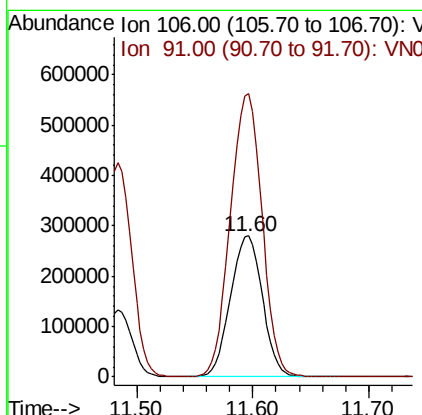
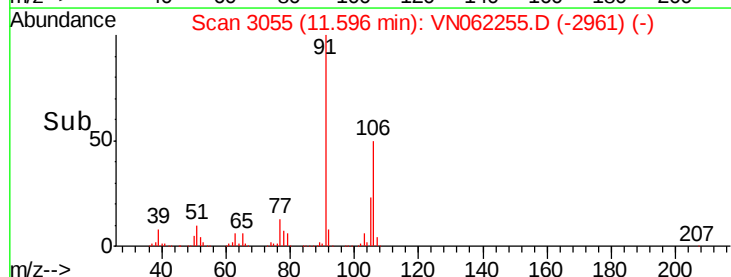
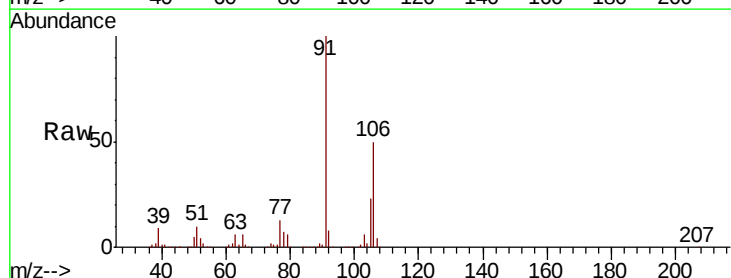
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

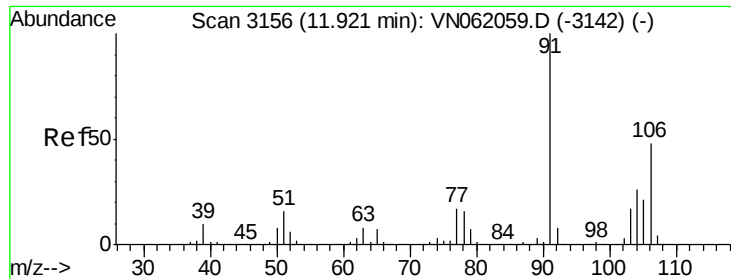
Tot Ion: 91 Resp: 699280
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 94.957 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 106 Resp: 532129
Ion Ratio Lower Upper
106 100
91 200.8 157.8 236.8

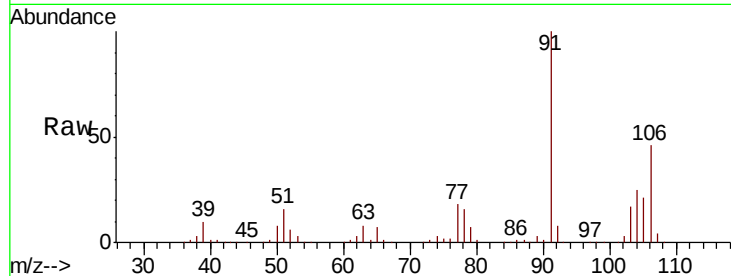




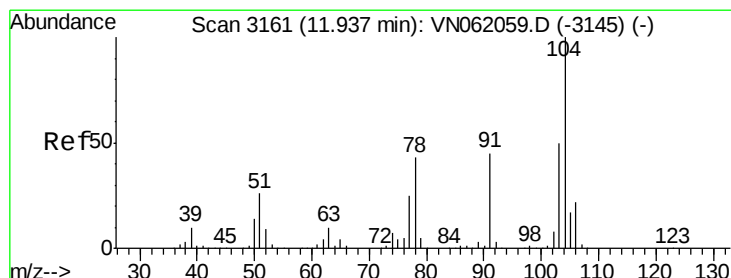
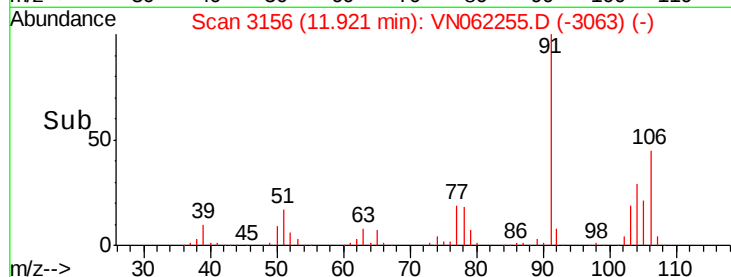
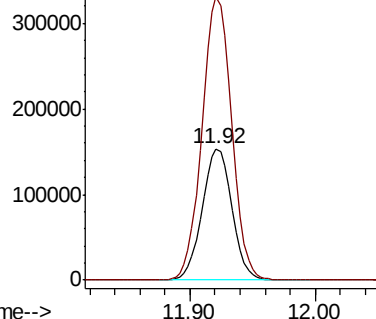
#69
o-Xylene
Concen: 47.720 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 252310
Ion Ratio Lower Upper
106 100
91 215.3 104.0 311.9

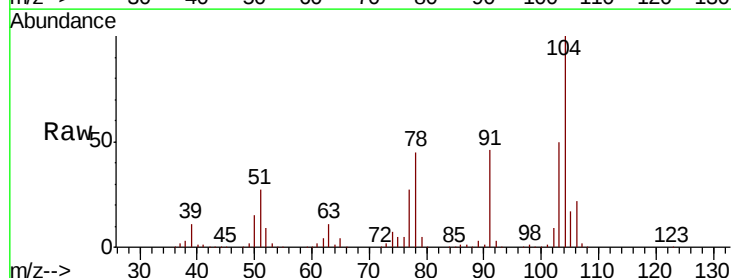


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

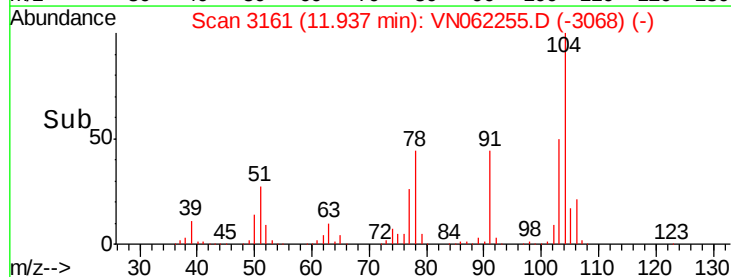
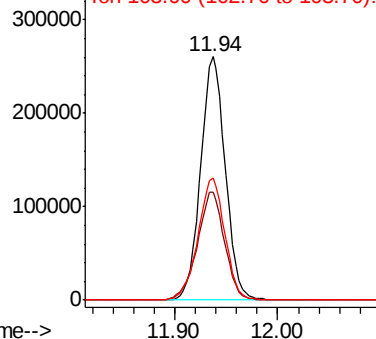


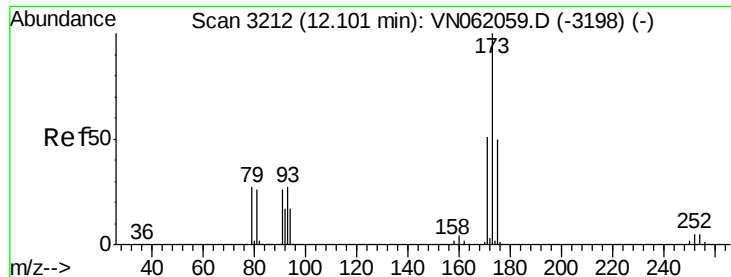
#70
Styrene
Concen: 49.434 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion:104 Resp: 435905
Ion Ratio Lower Upper
104 100
78 48.7 37.7 56.5
103 54.2 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.247 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

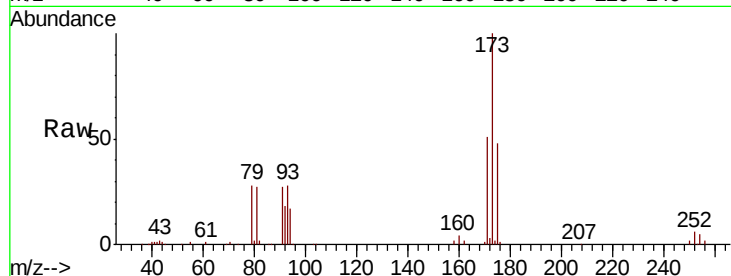
Tot Ion:173 Resp: 99650

Ion Ratio Lower Upper

173 100

175 47.5 24.7 74.1

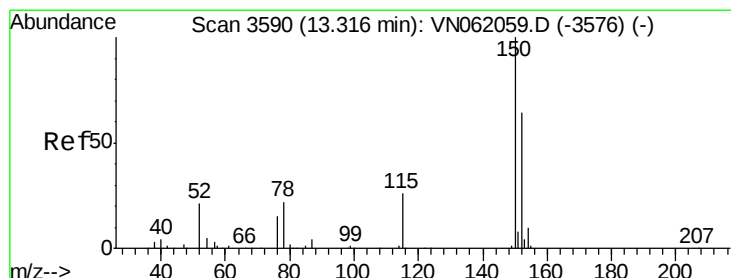
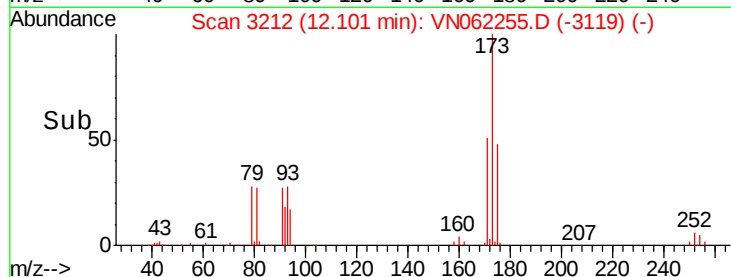
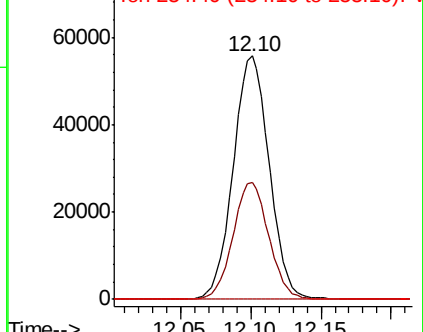
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

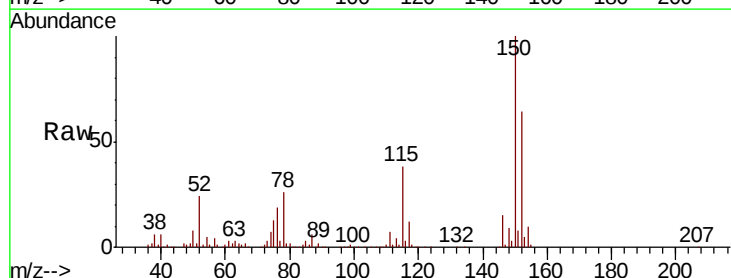
Tgt Ion:152 Resp: 184878

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

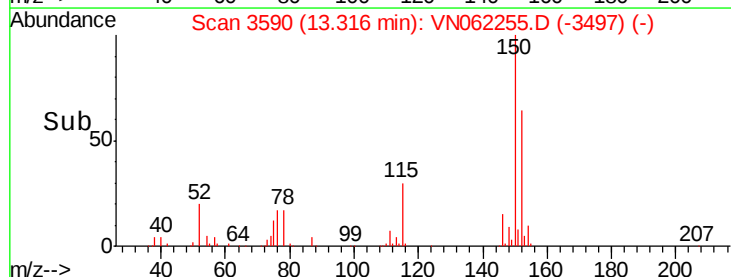
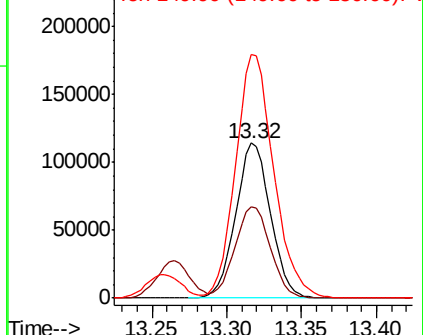
150 172.1 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.377 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

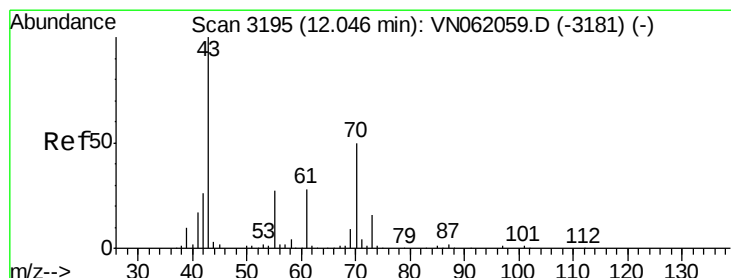
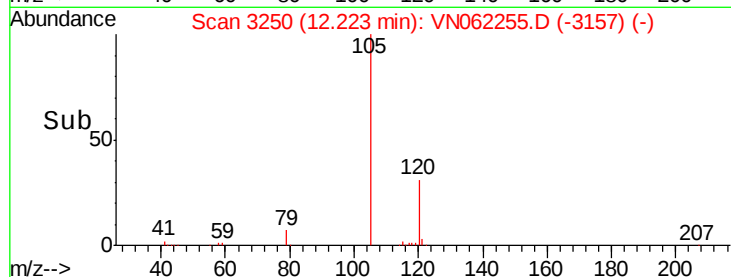
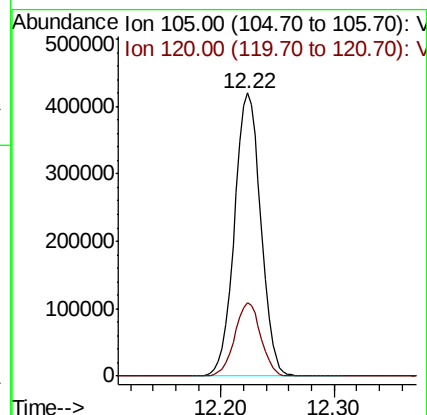
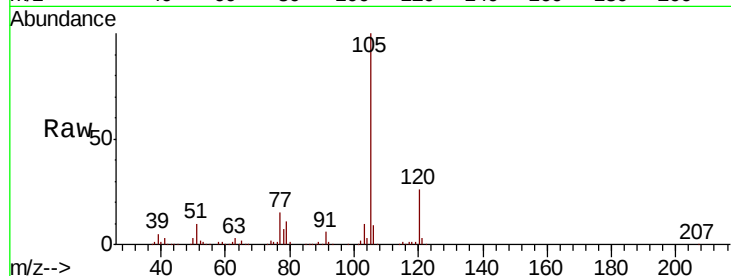
VSTDCCC050EC

Tot Ion:105 Resp: 678015

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 48.742 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Tgt Ion: 43 Resp: 256302

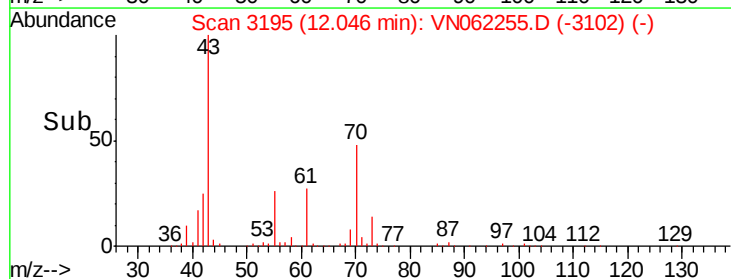
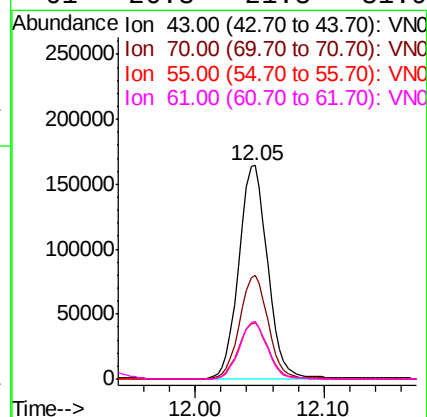
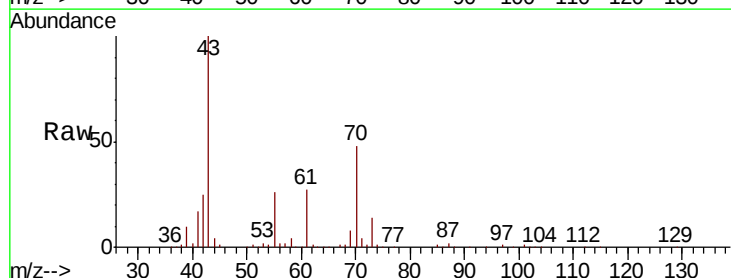
Ion Ratio Lower Upper

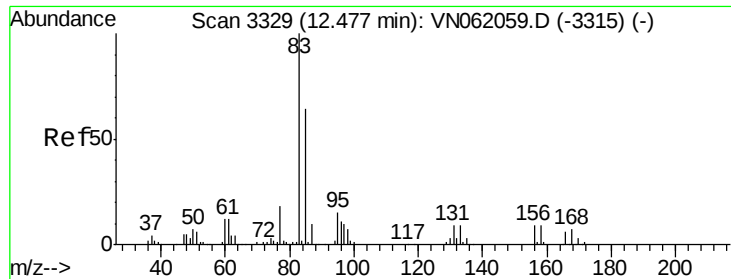
43 100

70 48.2 39.4 59.2

55 27.0 21.7 32.5

61 26.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.969 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

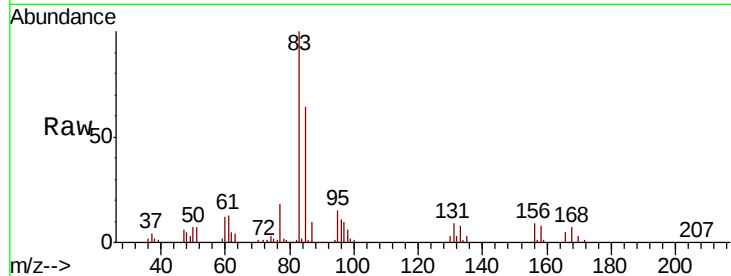
Tot Ion: 83 Resp: 228446

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

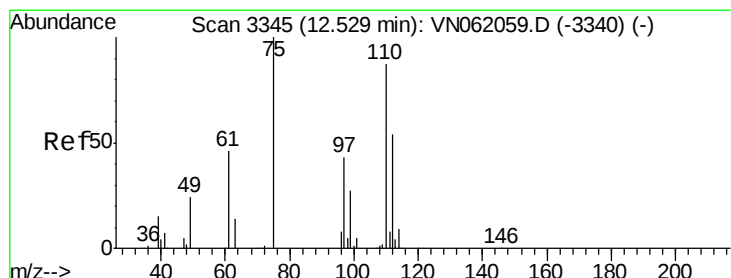
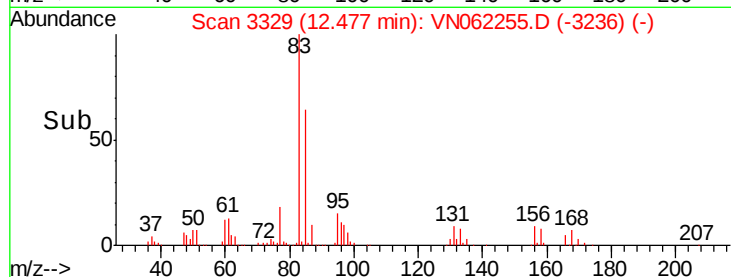
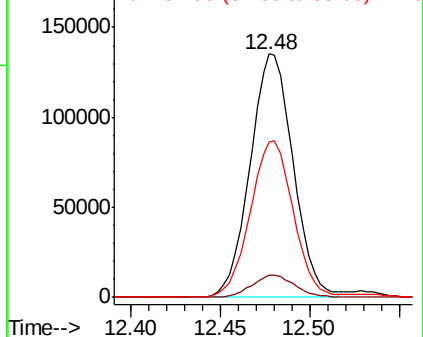
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062255.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062255.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062255.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 63.397 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062255.D

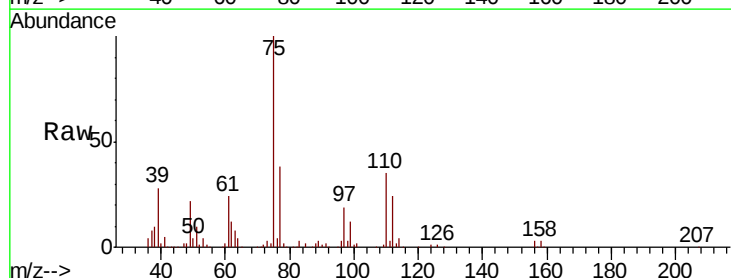
Acq: 30 Jun 2020 21:28

Tgt Ion: 75 Resp: 275917

Ion Ratio Lower Upper

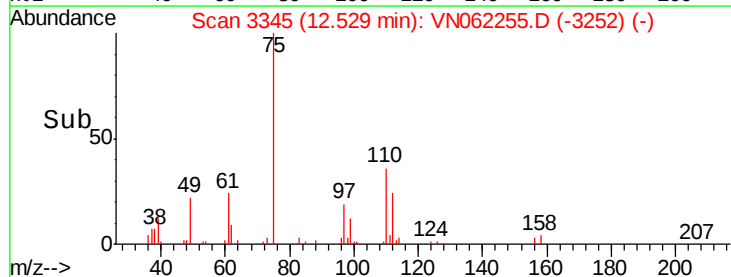
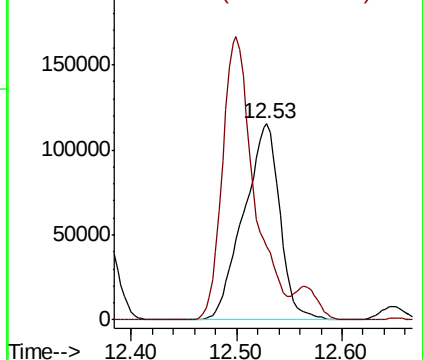
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062255.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062255.D (-3252) (-)





#77

Bromobenzene

Concen: 43.477 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

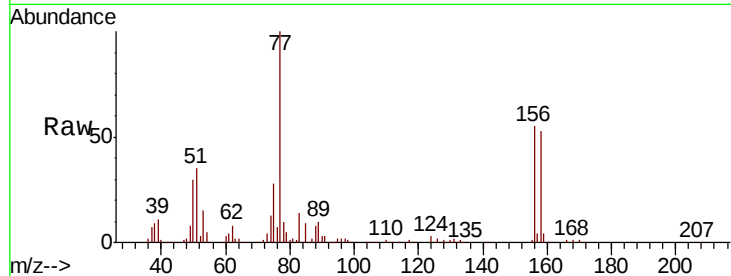
Tot Ion:156 Resp: 154472

Ion Ratio Lower Upper

156 100

77 225.6 104.6 313.8

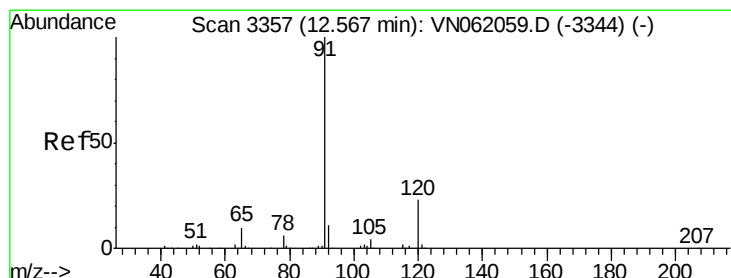
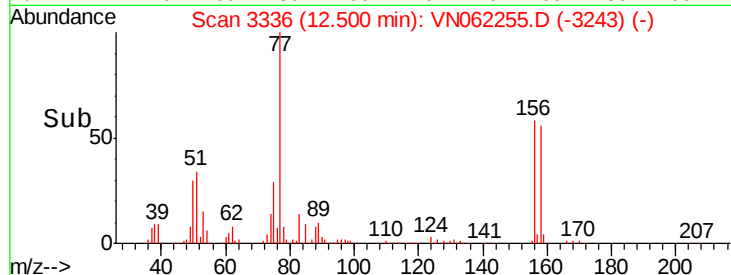
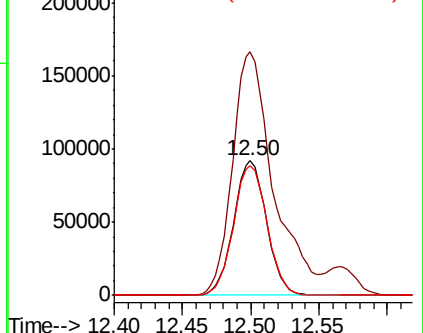
158 97.8 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.478 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062255.D

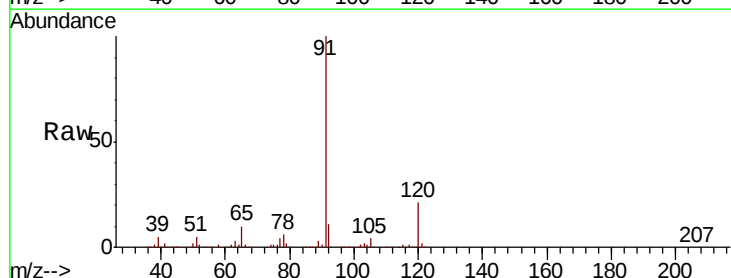
Acq: 30 Jun 2020 21:28

Tgt Ion: 91 Resp: 793579

Ion Ratio Lower Upper

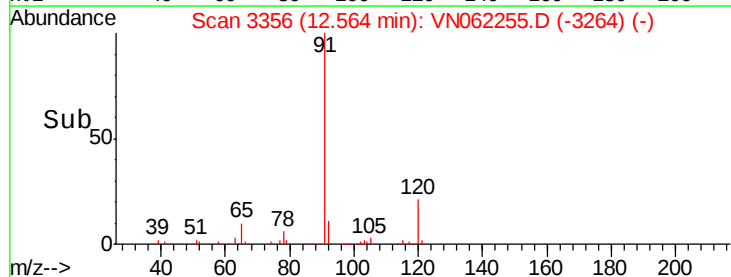
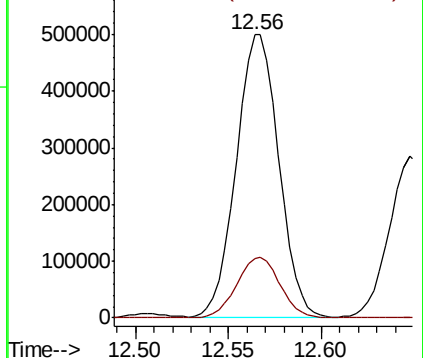
91 100

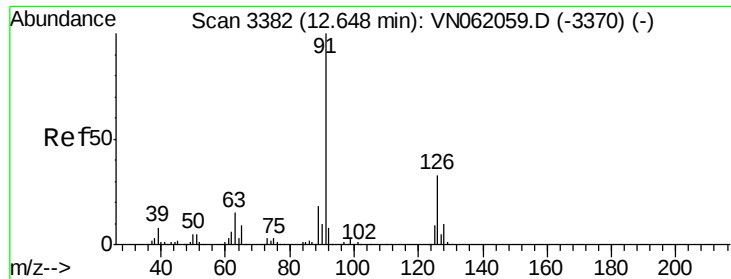
120 21.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.070 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

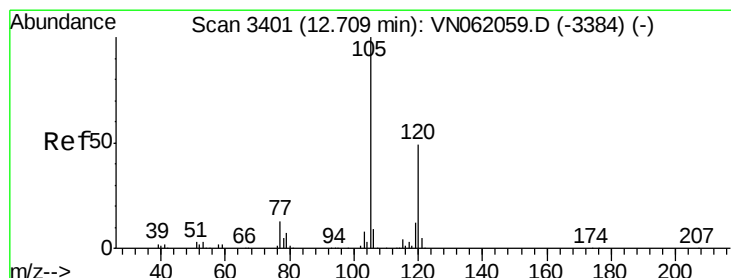
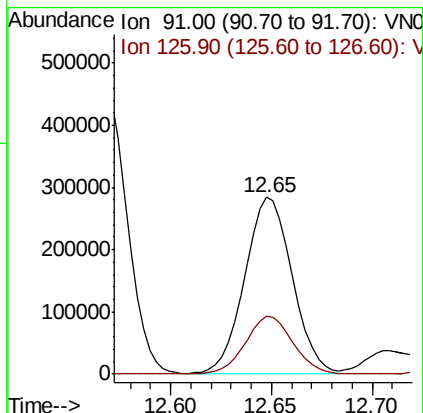
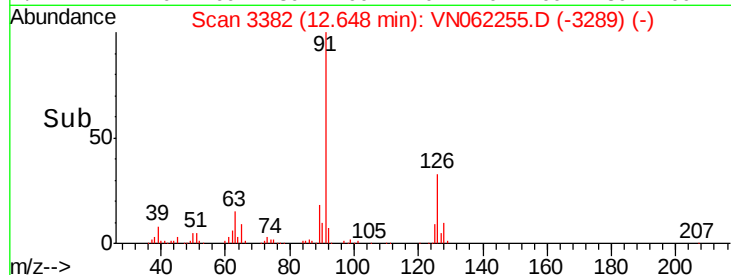
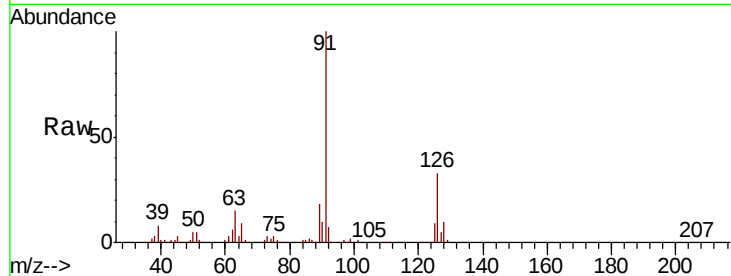
VSTDCCC050EC

Tot Ion: 91 Resp: 465818

Ion Ratio Lower Upper

91 100

126 33.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 48.305 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062255.D

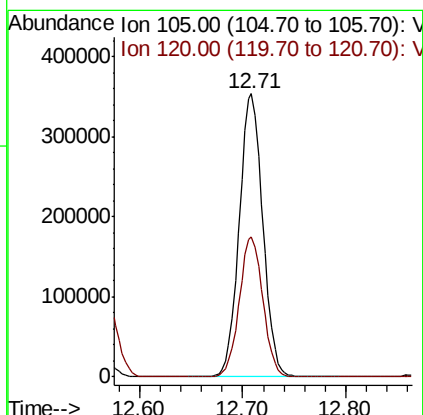
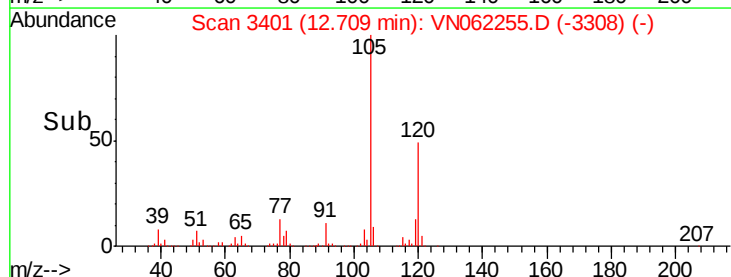
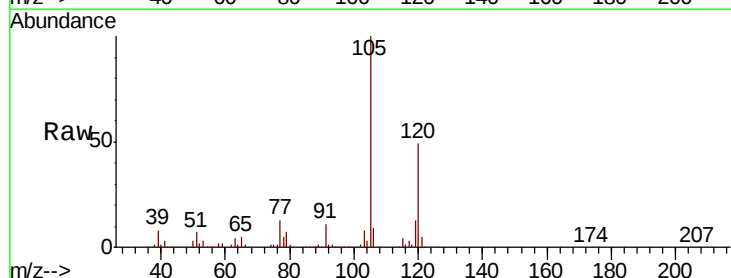
Acq: 30 Jun 2020 21:28

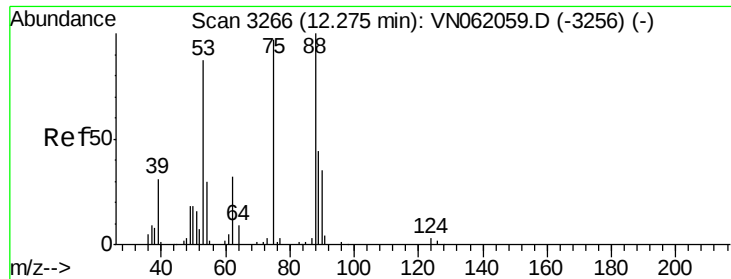
Tgt Ion: 105 Resp: 560401

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0

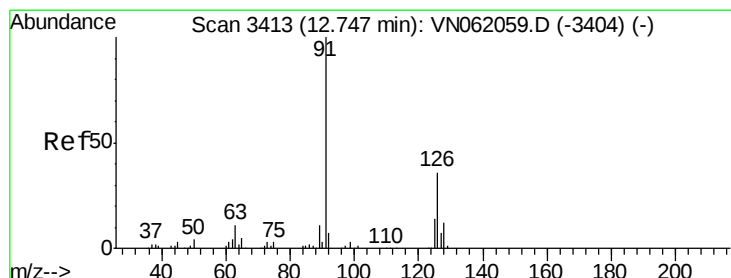
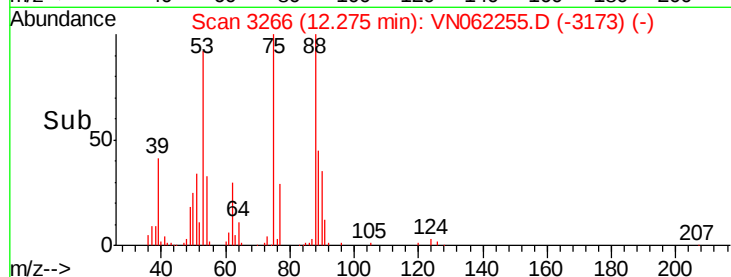
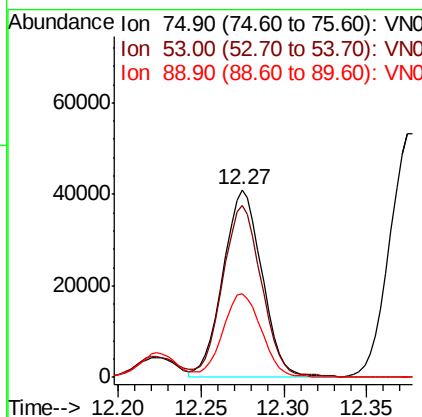
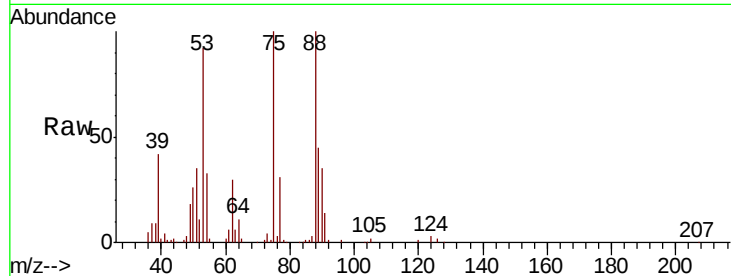




#81
trans-1,4-Dichloro-2-butene
Concen: 44.831 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

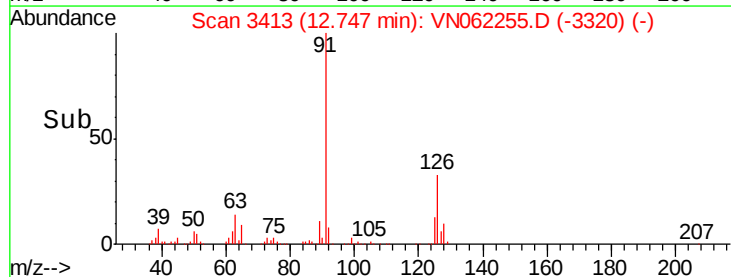
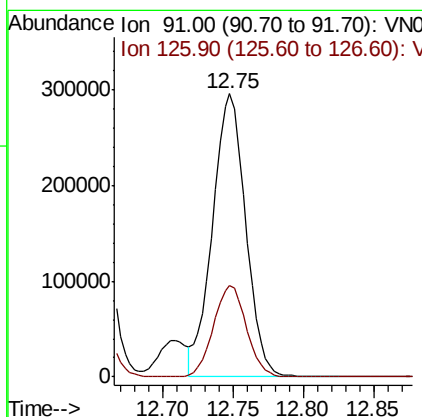
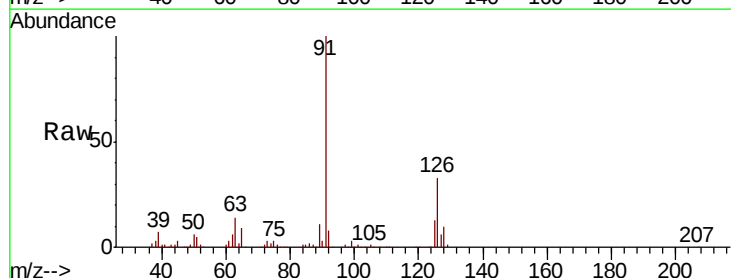
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

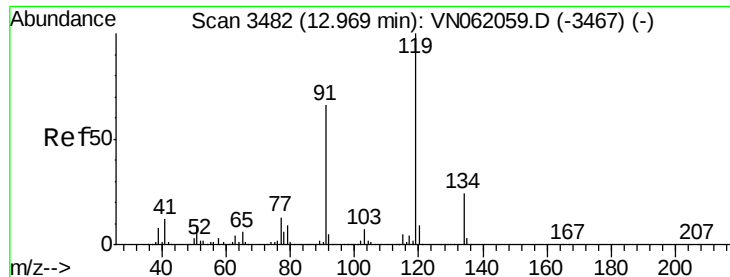
Tot Ion: 75 Resp: 66811
Ion Ratio Lower Upper
75 100
53 92.9 72.0 108.0
89 44.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.028 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion: 91 Resp: 481275
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.1

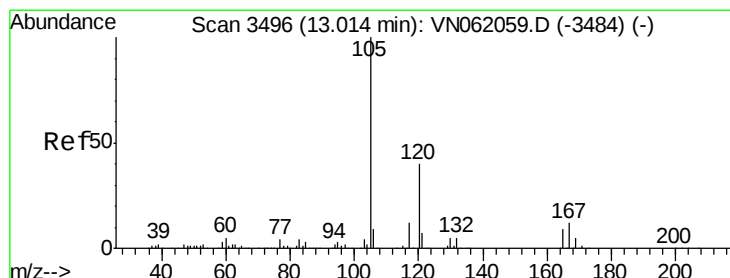
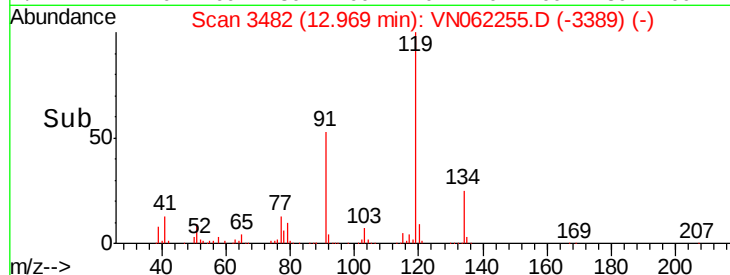
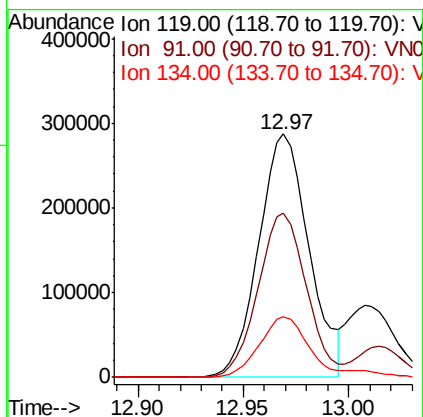
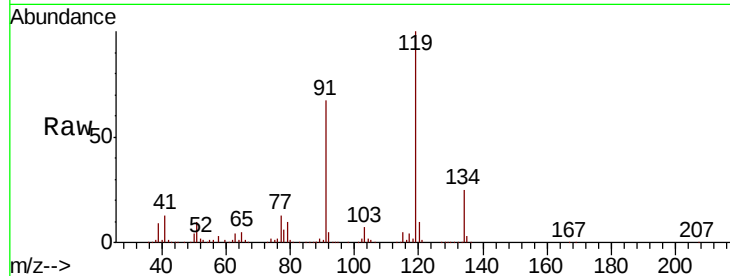




#83
 tert-Butylbenzene
 Concen: 47.993 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

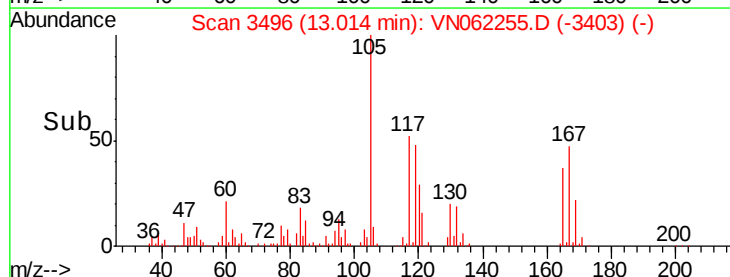
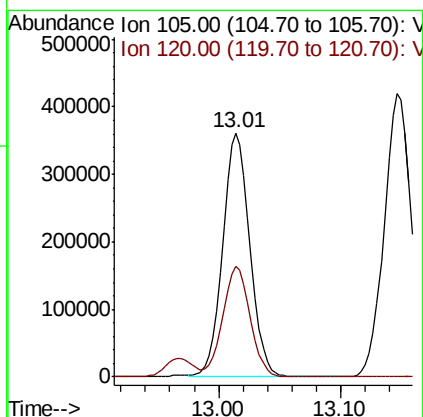
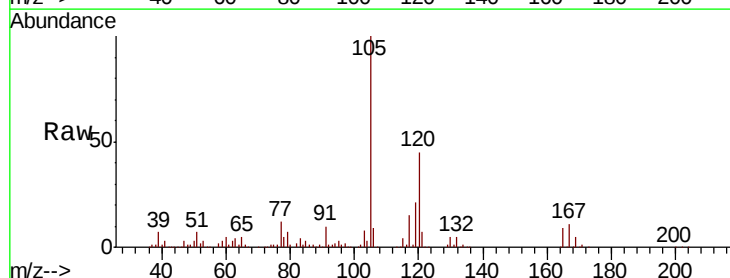
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

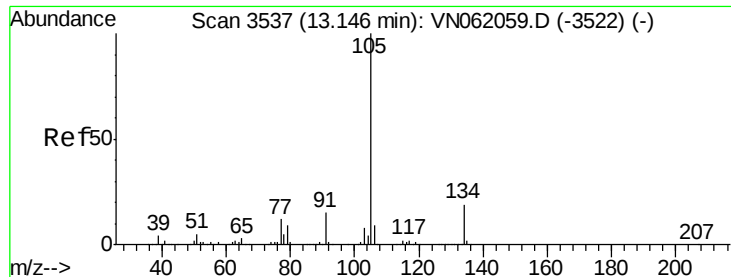
Tot Ion:119 Resp: 476495
 Ion Ratio Lower Upper
 119 100
 91 65.3 31.7 95.1
 134 24.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.412 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion:105 Resp: 560935
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 49.797 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

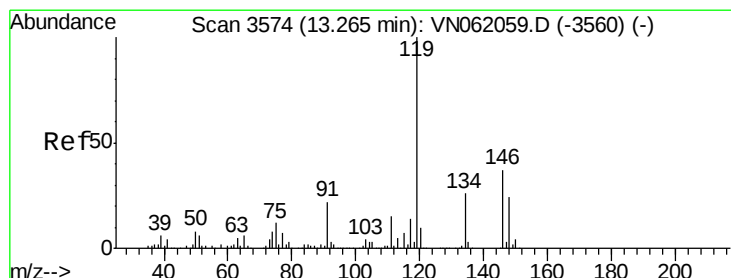
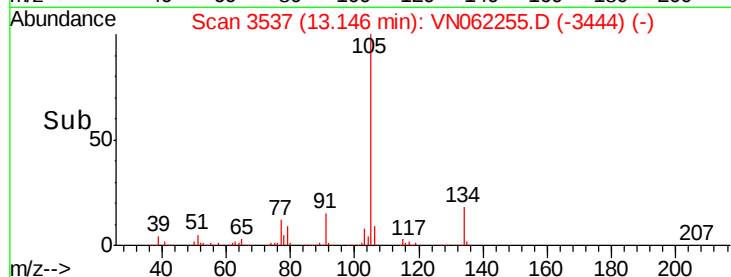
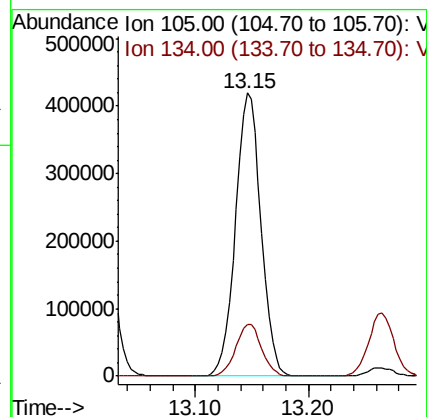
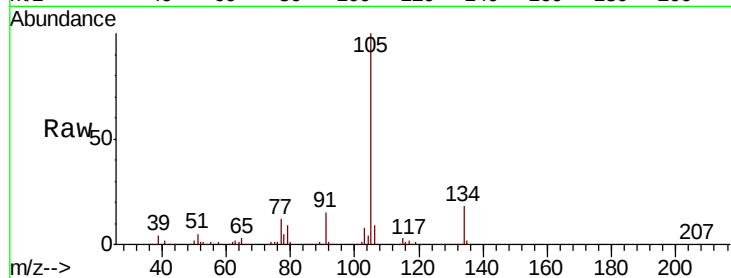
VSTDCCC050EC

Tot Ion:105 Resp: 653294

Ion Ratio Lower Upper

105 100

134 18.6 9.7 29.1



#86

p-Isopropyltoluene

Concen: 49.778 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

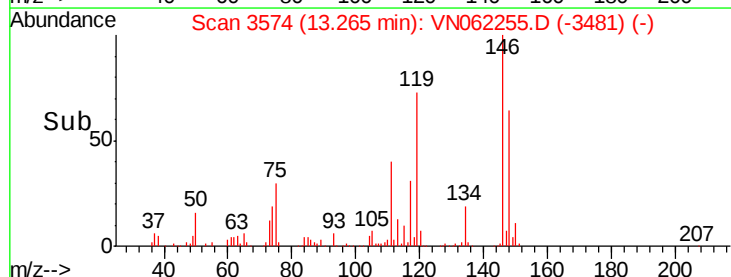
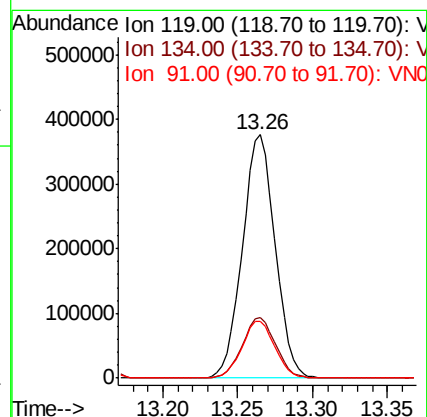
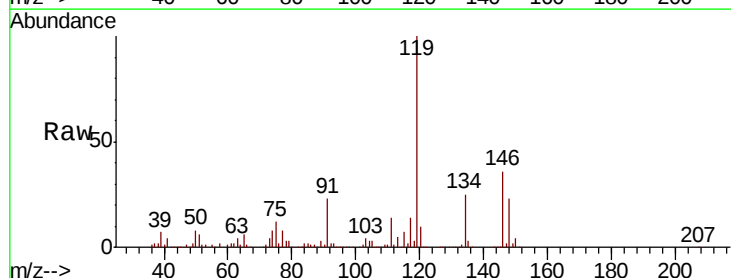
Tgt Ion:119 Resp: 572152

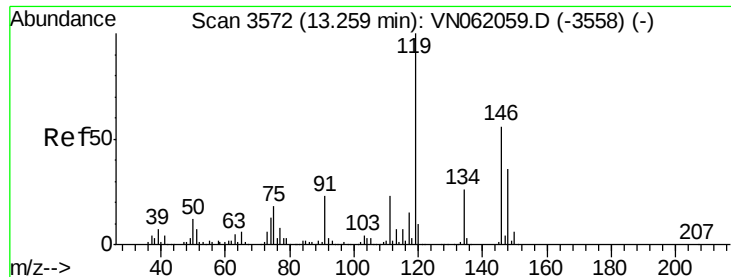
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 23.5 11.3 33.8

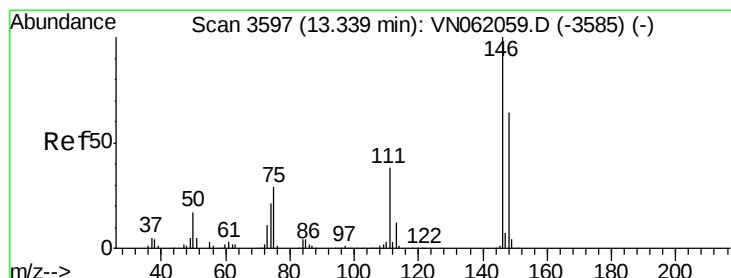
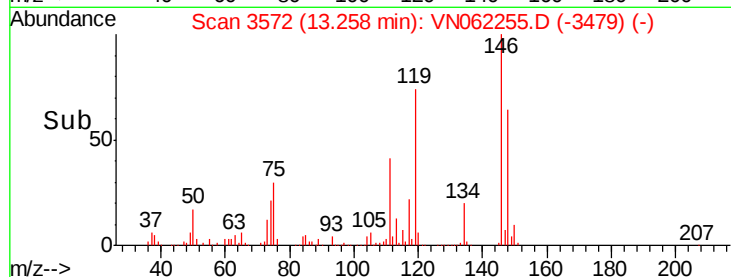
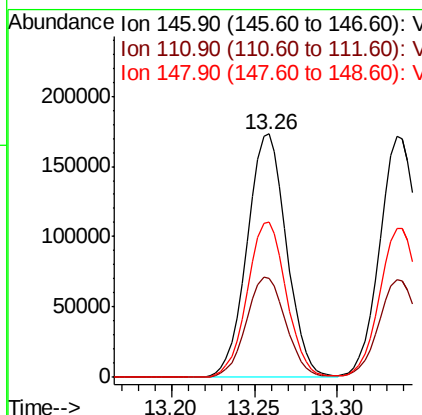
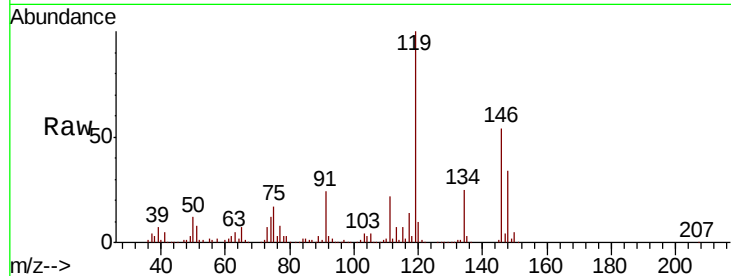




#87
 1,3-Dichlorobenzene
 Concen: 45.682 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

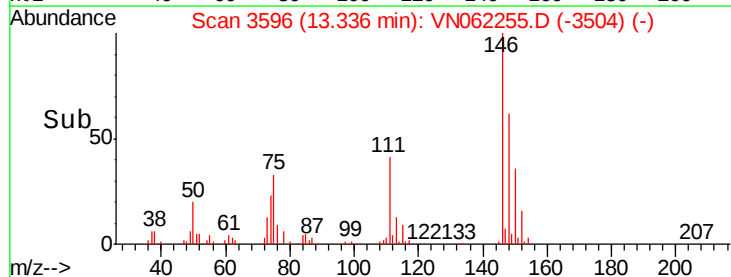
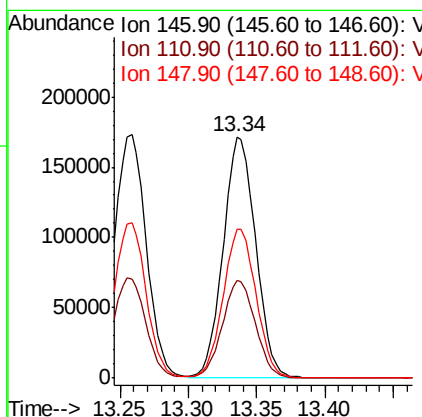
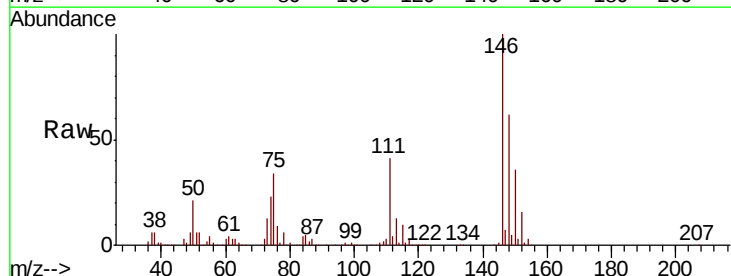
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

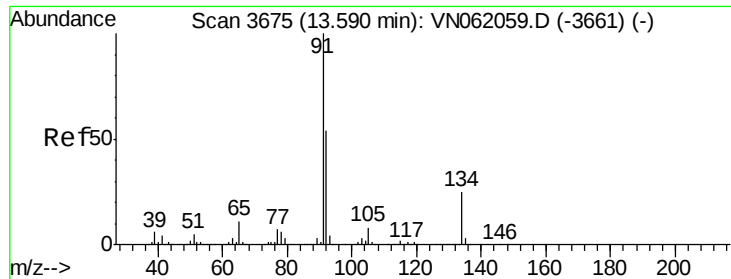
Tot Ion:146 Resp: 285010
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 44.111 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion:146 Resp: 283688
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.9 59.6
 148 62.6 31.9 95.9





#89

n-Butylbenzene

Concen: 50.292 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

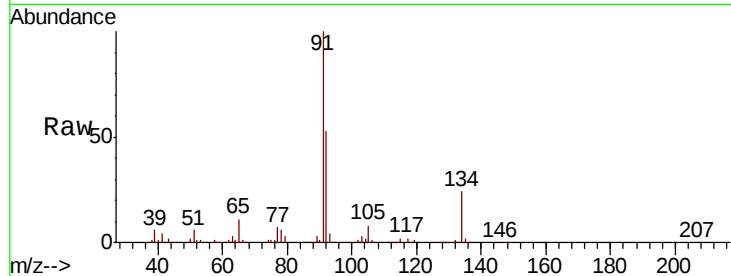
Tot Ion: 91 Resp: 480582

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

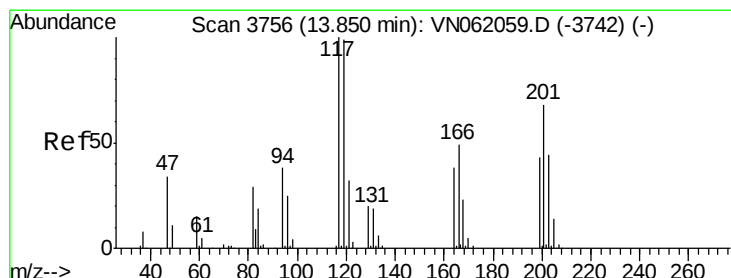
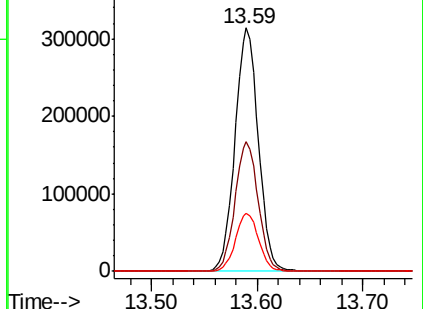
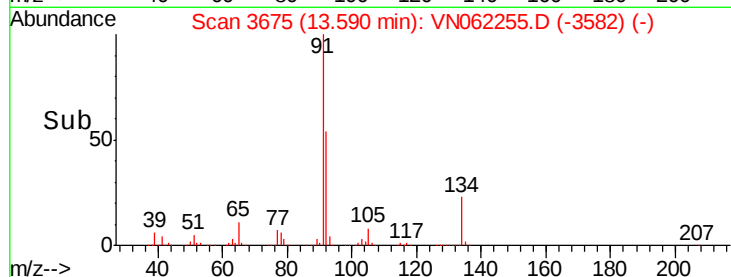
134 23.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)



#90

Hexachloroethane

Concen: 46.501 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062255.D

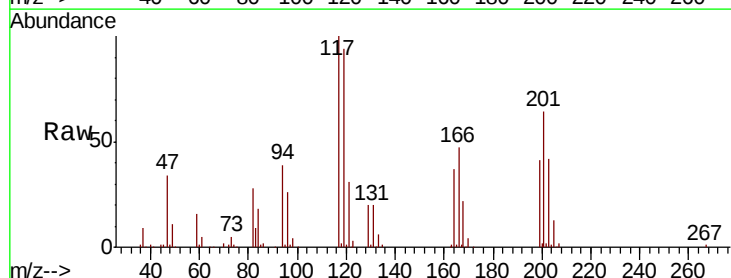
Acq: 30 Jun 2020 21:28

Tgt Ion: 117 Resp: 104865

Ion Ratio Lower Upper

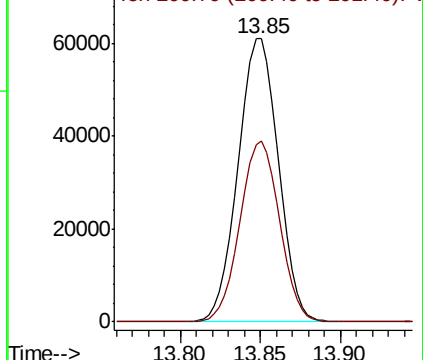
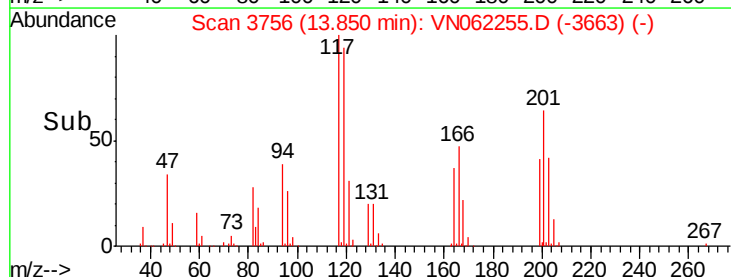
117 100

201 62.6 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 46.012 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

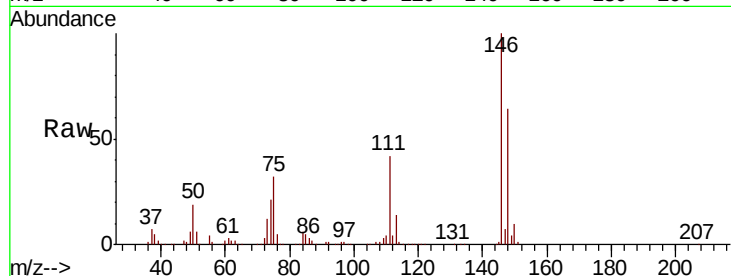
Tot Ion:146 Resp: 278373

Ion Ratio Lower Upper

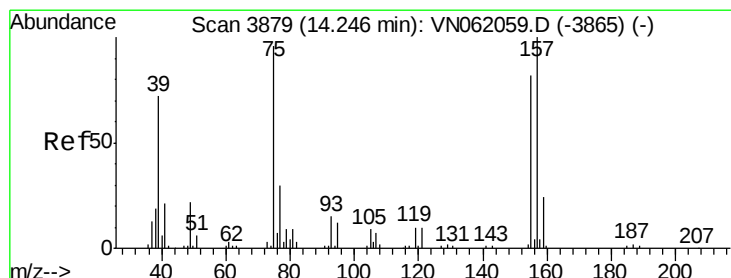
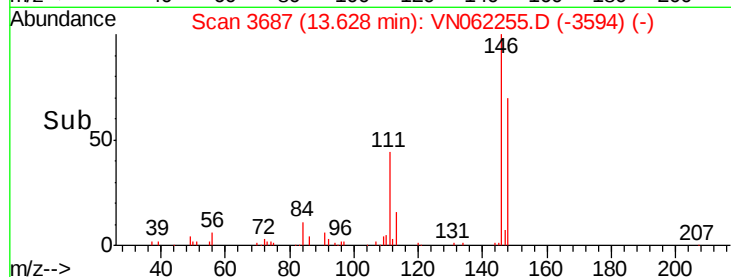
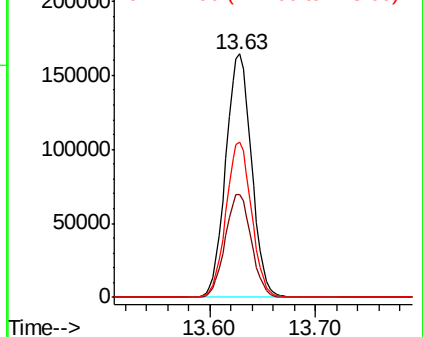
146 100

111 42.8 21.2 63.6

148 63.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.529 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062255.D

Acq: 30 Jun 2020 21:28

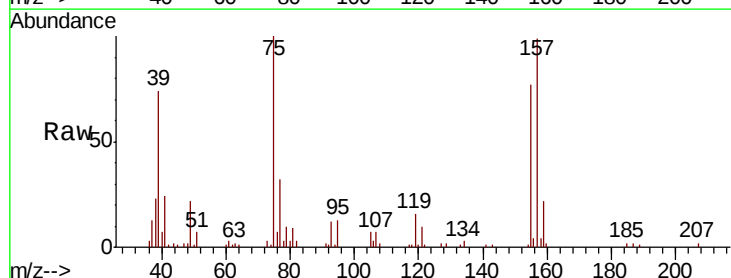
Tgt Ion: 75 Resp: 38549

Ion Ratio Lower Upper

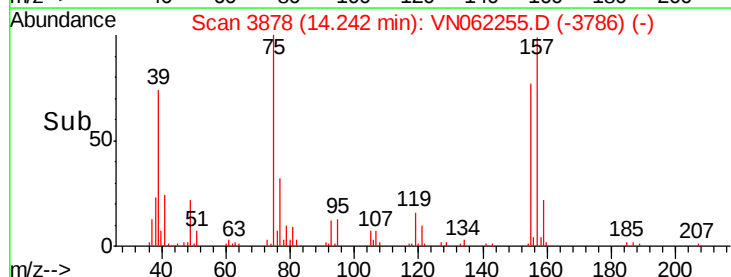
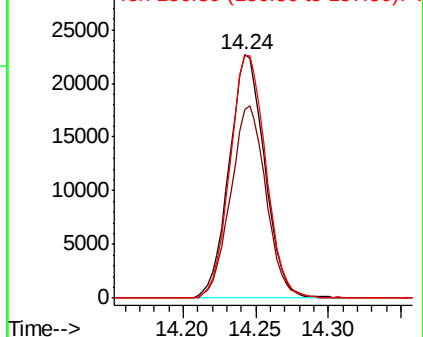
75 100

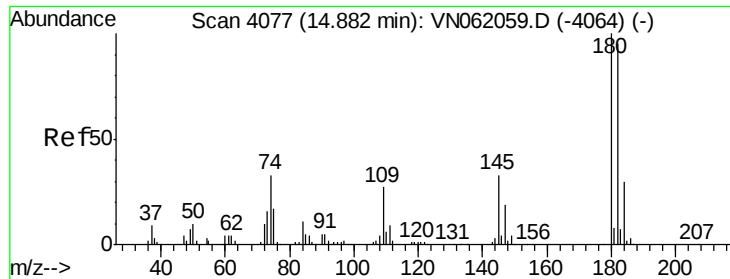
155 78.7 40.8 122.4

157 100.3 51.4 154.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

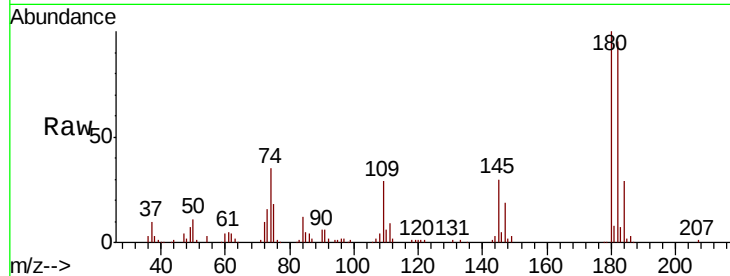




#93
 1,2,4-Trichlorobenzene
 Concen: 46.373 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	31.1	16.0	48.0

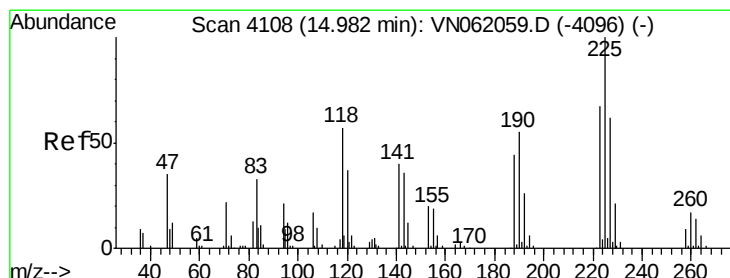
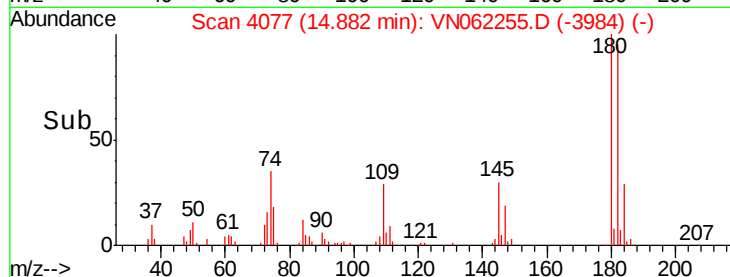
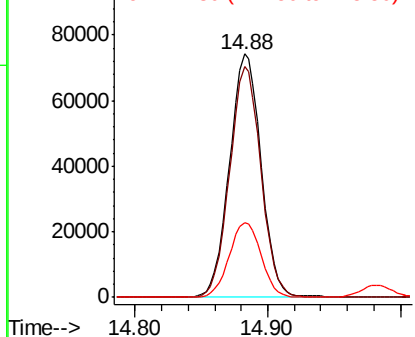


Abundance

Ion 179.80 (179.50 to 180.50): V

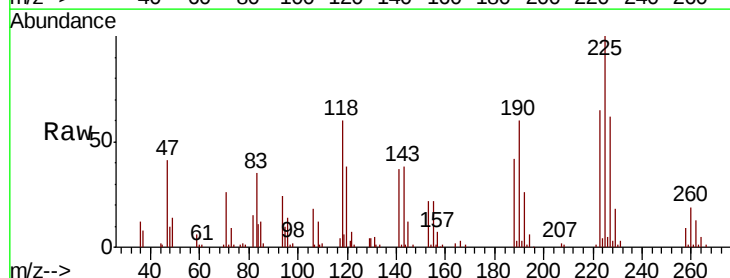
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 46.111 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062255.D
 Acq: 30 Jun 2020 21:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.9	98.7
227	62.0	31.3	93.8

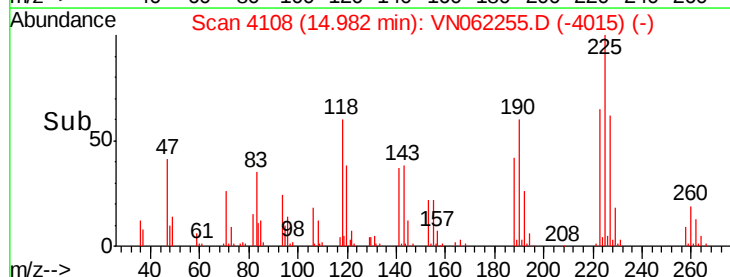
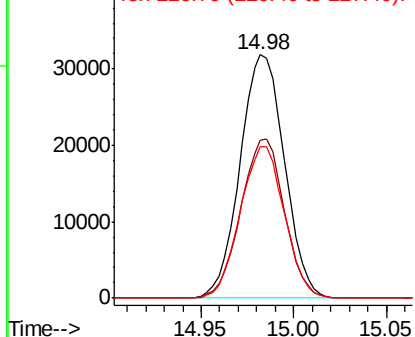


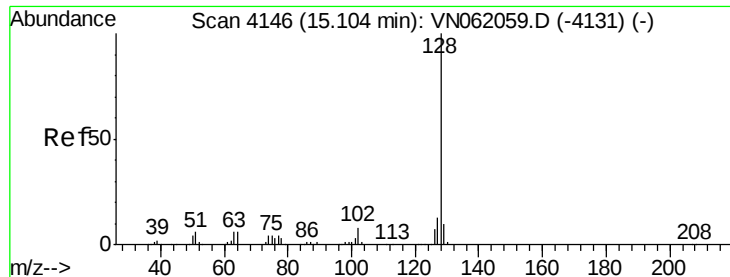
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

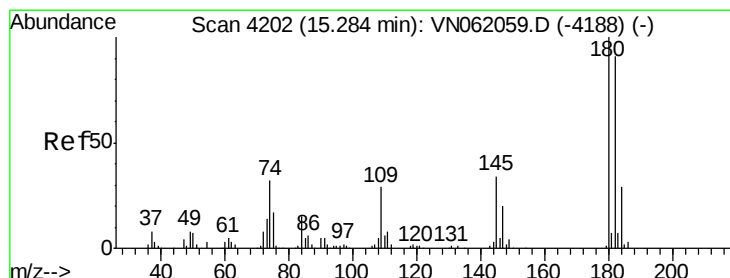
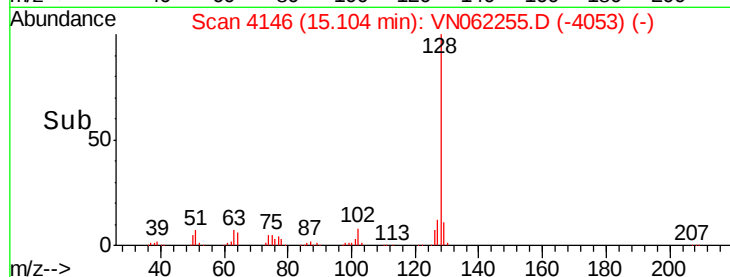
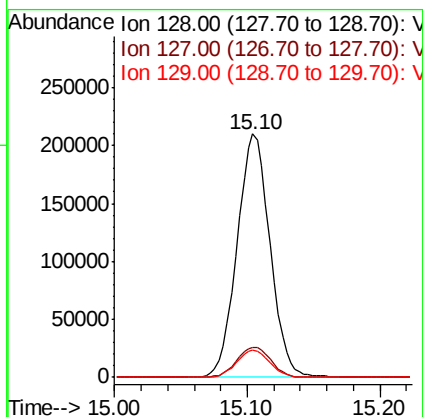
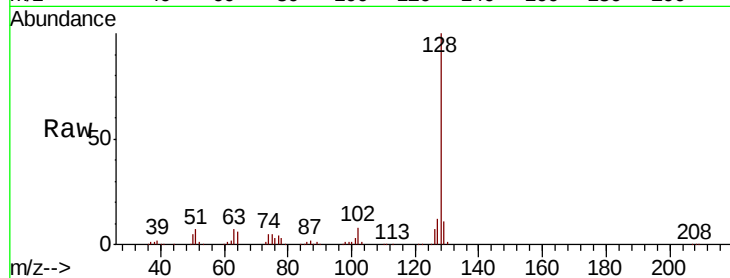




#95
Naphthalene
Concen: 41.836 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 362420
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.213 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062255.D
Acq: 30 Jun 2020 21:28

Tgt Ion:180 Resp: 124888
Ion Ratio Lower Upper
180 100
182 94.2 46.8 140.4
145 34.0 16.4 49.2

