

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062098.D
 Acq On : 25 Jun 2020 5:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 06:16:41 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	7.62	168	244637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	181465	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.55	113	148559	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.06	98	581581	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.37	95	197679	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	130292	47.119 ug/l	98
3) Chloromethane	2.03	50	169712	52.191 ug/l	100
4) Vinyl Chloride	2.16	62	209333	48.071 ug/l	100
5) Bromomethane	2.52	94	115927	41.191 ug/l	100
6) Chloroethane	2.67	64	144739	48.657 ug/l	97
7) Trichlorofluoromethane	2.98	101	252583	47.073 ug/l	96
8) Diethyl Ether	3.37	74	96042	51.259 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129690	46.155 ug/l	98
10) Methyl Iodide	3.91	142	152087	48.060 ug/l	100
11) Tert butyl alcohol	4.73	59	100234	203.350 ug/l #	88
12) 1,1-Dichloroethene	3.69	96	136889	48.732 ug/l	99
13) Acrolein	3.57	56	109634	227.177 ug/l	100
14) Allyl chloride	4.27	41	183366	47.946 ug/l	100
15) Acrylonitrile	4.93	53	329896	245.603 ug/l	99
16) Acetone	3.77	43	252082	233.666 ug/l	99
17) Carbon Disulfide	4.01	76	403701	50.175 ug/l	99
18) Methyl Acetate	4.28	43	131988	48.363 ug/l	98
19) Methyl tert-butyl Ether	4.99	73	455924	50.794 ug/l	98
20) Methylene Chloride	4.50	84	163320	51.830 ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	151038	47.199 ug/l	96
22) Diisopropyl ether	5.90	45	435646	50.029 ug/l	99
23) Vinyl Acetate	5.84	43	1824307	256.601 ug/l	100
24) 1,1-Dichloroethane	5.80	63	268697	47.918 ug/l	100
25) 2-Butanone	6.79	43	392905	234.145 ug/l	100
26) 2,2-Dichloropropane	6.77	77	160155	34.275 ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176174	48.925 ug/l	95
28) Bromochloromethane	7.15	49	117769	48.406 ug/l	98
29) Tetrahydrofuran	7.17	42	268421	244.197 ug/l	99
30) Chloroform	7.33	83	280434	49.155 ug/l	97
31) Cyclohexane	7.61	56	227976	48.065 ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	237442	49.351 ug/l	99
36) 1,1-Dichloropropene	7.75	75	212311	46.916 ug/l	99
37) Ethyl Acetate	6.88	43	174556	46.583 ug/l	99
38) Carbon Tetrachloride	7.73	117	199406	46.739 ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	227946	45.972	ug/l	99
40) Benzene	8.00	78	646319	46.859	ug/l	98
41) Methacrylonitrile	7.17	41	243659	140.257	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	220311	47.276	ug/l	100
43) Isopropyl Acetate	8.13	43	293376	48.027	ug/l	99
44) Trichloroethene	8.80	130	157526	45.275	ug/l	98
45) 1,2-Dichloropropane	9.09	63	162947	47.886	ug/l	99
46) Dibromomethane	9.18	93	108586	47.066	ug/l	100
47) Bromodichloromethane	9.37	83	227915	48.926	ug/l	99
48) Methyl methacrylate	9.17	41	138574	50.594	ug/l	97
49) 1,4-Dioxane	9.17	88	49371	812.842	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	873047	244.621	ug/l	100
52) Toluene	10.12	92	412186	48.977	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	237357	46.313	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	256381	46.987	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	161586	48.844	ug/l	99
56) Ethyl methacrylate	10.40	69	227778	51.593	ug/l	100
57) 1,3-Dichloropropane	10.68	76	275060	48.305	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	433510	231.879	ug/l	100
59) 2-Hexanone	10.72	43	641859	249.058	ug/l	100
60) Dibromochloromethane	10.87	129	172206	49.168	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164035	48.257	ug/l	100
64) Tetrachloroethene	10.60	164	130392	44.775	ug/l	99
65) Chlorobenzene	11.41	112	430914	46.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	153972	47.561	ug/l	99
67) Ethyl Benzene	11.48	91	779505	49.300	ug/l	99
68) m/p-Xylenes	11.59	106	600072	98.121	ug/l	100
69) o-Xylene	11.92	106	288182	49.943	ug/l	99
70) Styrene	11.94	104	490864	51.009	ug/l	100
71) Bromoform	12.10	173	113403	49.268	ug/l #	99
73) Isopropylbenzene	12.22	105	751844	47.380	ug/l	100
74) N-amyl acetate	12.04	43	274087	47.128	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	238634	45.191	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	292423	60.596	ug/l #	100
77) Bromobenzene	12.50	156	178216	45.237	ug/l	98
78) n-propylbenzene	12.57	91	861653	47.471	ug/l	100
79) 2-Chlorotoluene	12.65	91	510968	46.565	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	622524	48.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	70884	42.896	ug/l	98
82) 4-Chlorotoluene	12.75	91	533404	47.007	ug/l	98
83) tert-Butylbenzene	12.97	119	526547	47.829	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	625077	48.653	ug/l	100
85) sec-Butylbenzene	13.15	105	696652	47.890	ug/l	100
86) p-Isopropyltoluene	13.26	119	618456	48.526	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	324663	46.931	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	321240	45.048	ug/l	99
89) n-Butylbenzene	13.59	91	509949	48.128	ug/l	99
90) Hexachloroethane	13.85	117	118001	47.191	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	317807	47.375	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	41399	48.939	ug/l	100

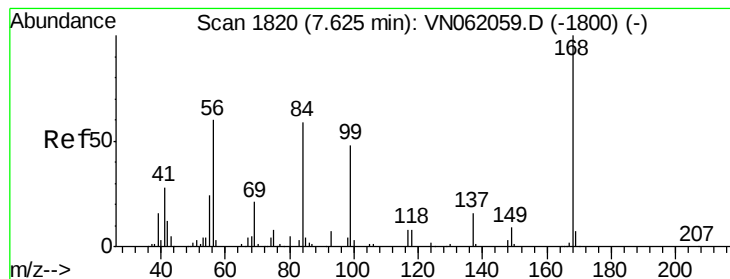
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	148732	50.752	ug/l	99
94) Hexachlorobutadiene	14.99	225	56586	44.457	ug/l	100
95) Naphthalene	15.10	128	454507	46.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	147289	49.153	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

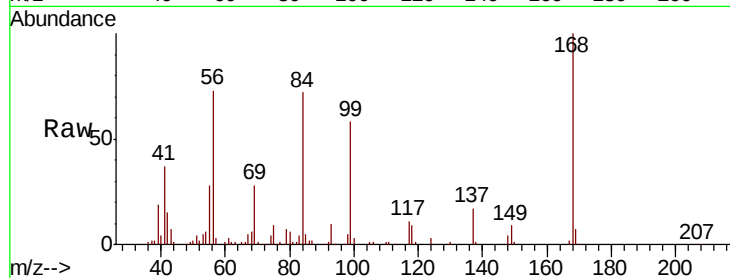
VSTDCCC050EC

Tot Ion:168 Resp: 244637

Ion Ratio Lower Upper

168 100

99 58.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

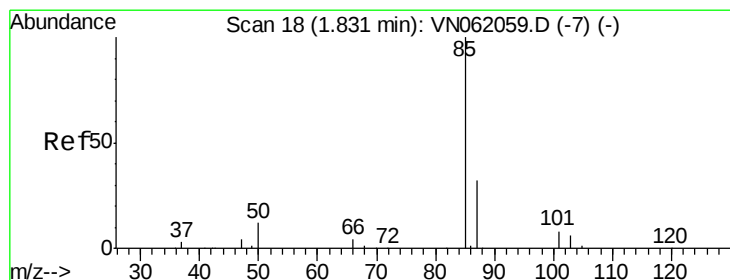
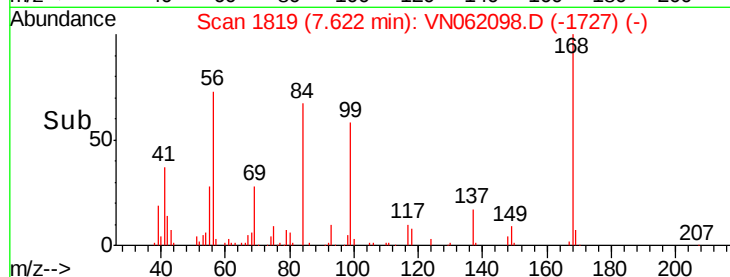
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.119 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062098.D

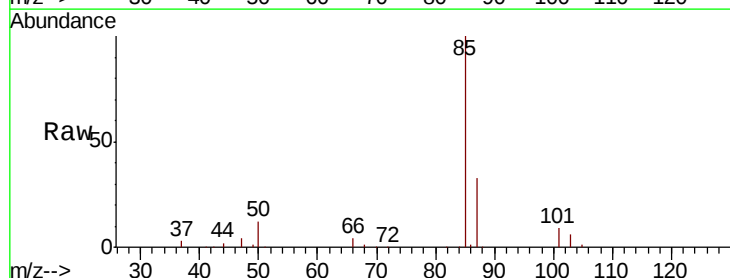
Acq: 25 Jun 2020 5:52

Tgt Ion: 85 Resp: 130292

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

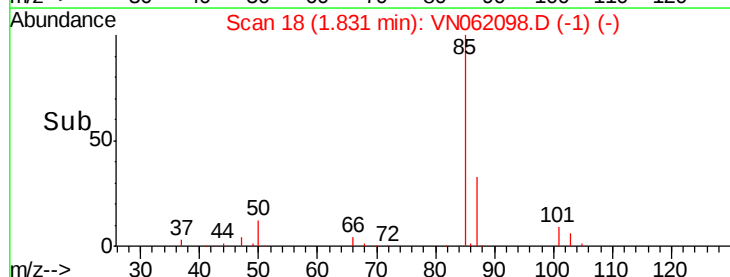
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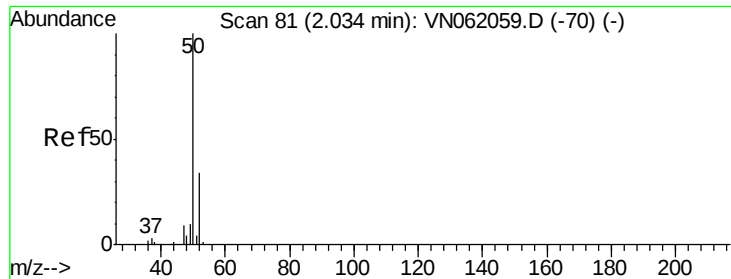
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.191 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

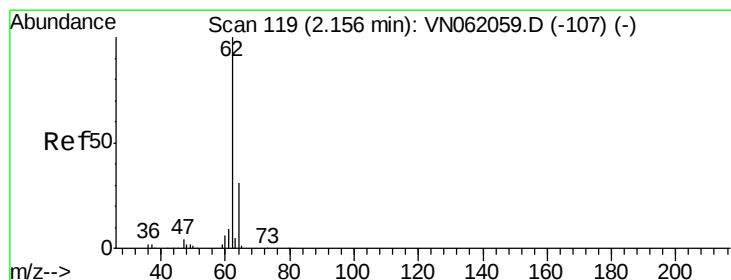
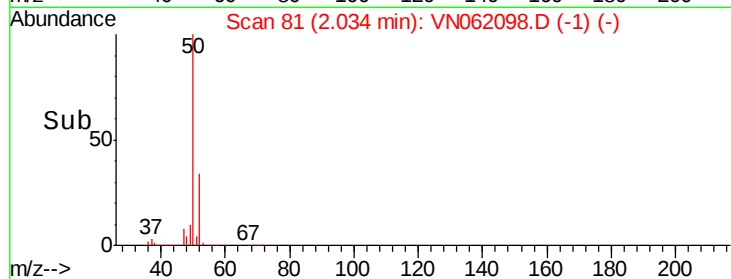
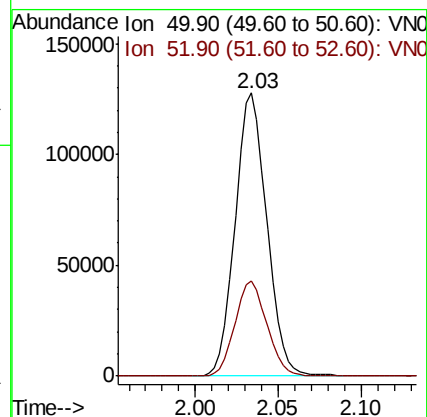
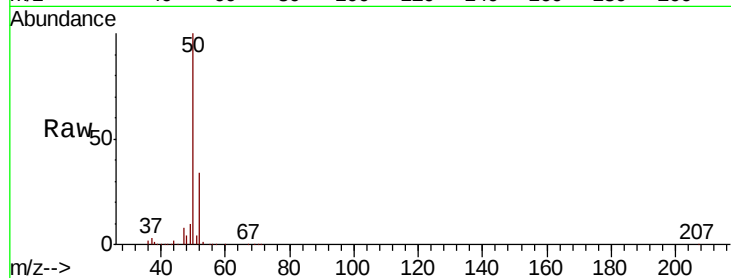
VSTDCCC050EC

Tot Ion: 50 Resp: 169712

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.6



#4

Vinyl Chloride

Concen: 48.071 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062098.D

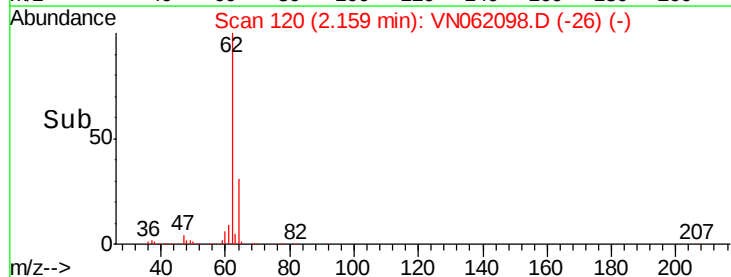
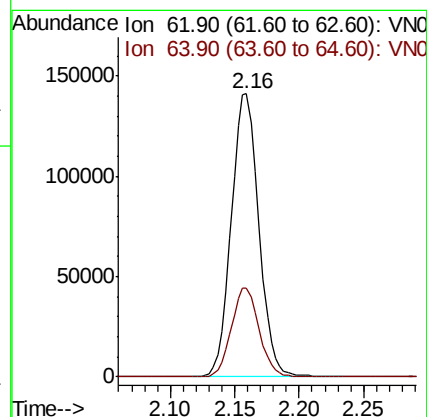
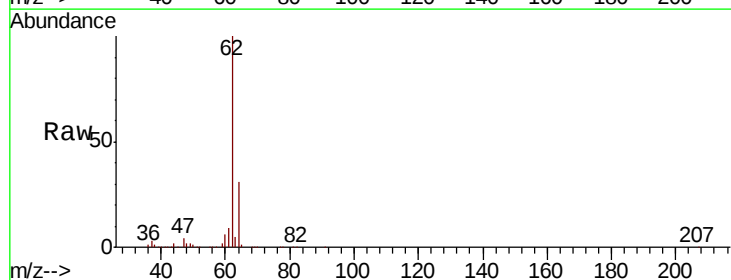
Acq: 25 Jun 2020 5:52

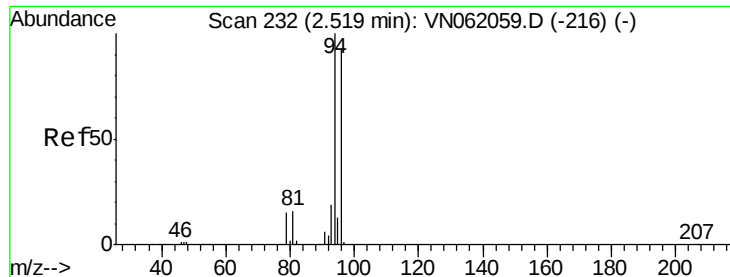
Tgt Ion: 62 Resp: 209333

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 41.191 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

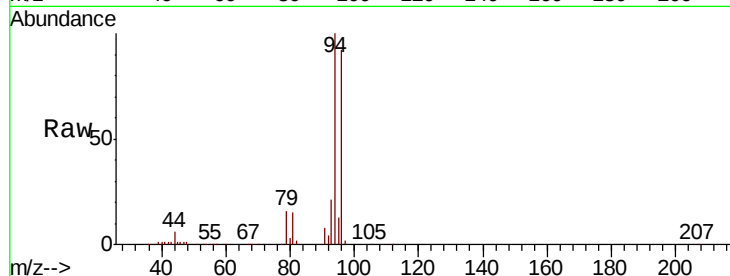
VSTDCCC050EC

Tot Ion: 94 Resp: 115927

Ion Ratio Lower Upper

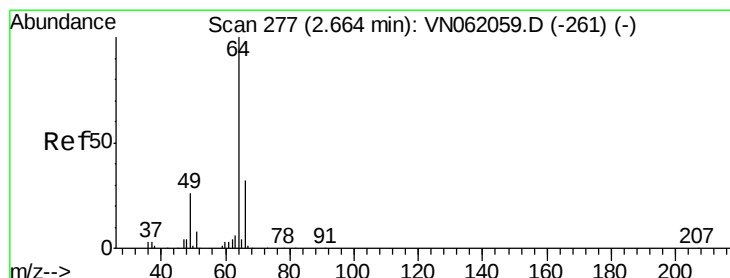
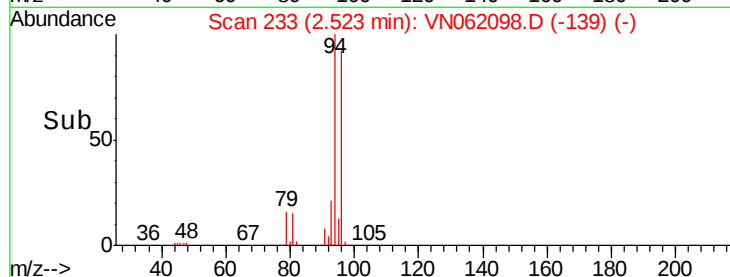
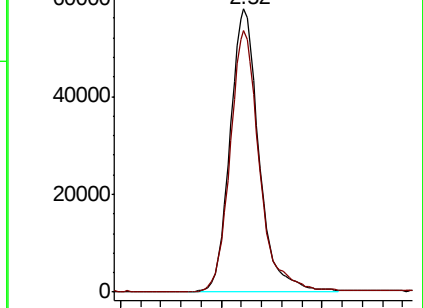
94 100

96 92.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062098.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062098.D (-139) (-)



#6

Chloroethane

Concen: 48.657 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062098.D

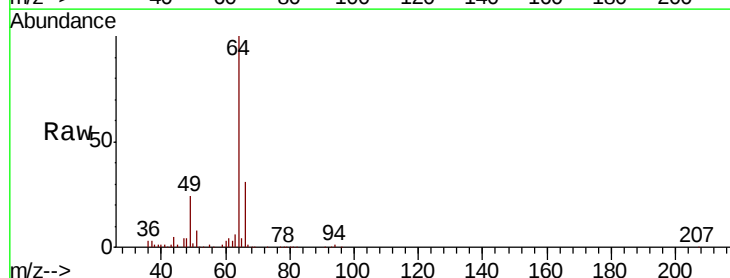
Acq: 25 Jun 2020 5:52

Tgt Ion: 64 Resp: 144739

Ion Ratio Lower Upper

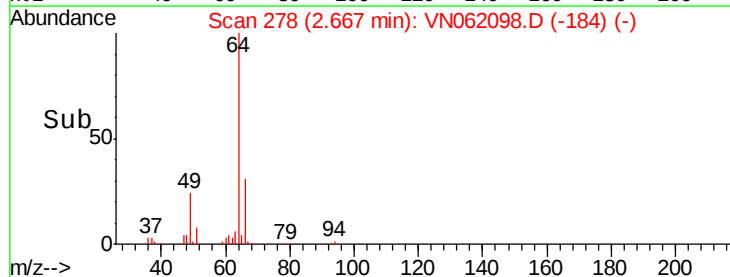
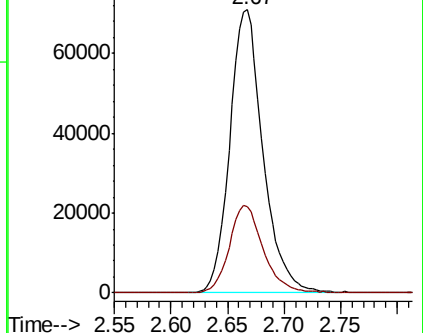
64 100

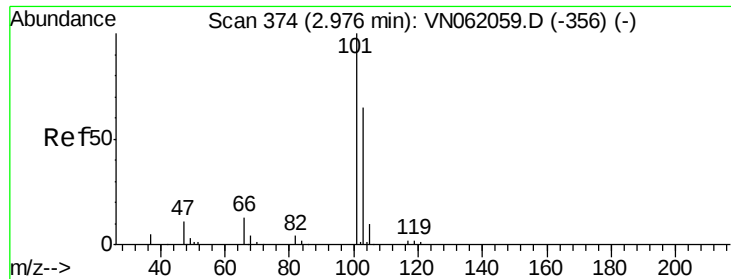
66 30.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062098.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062098.D (-184) (-)



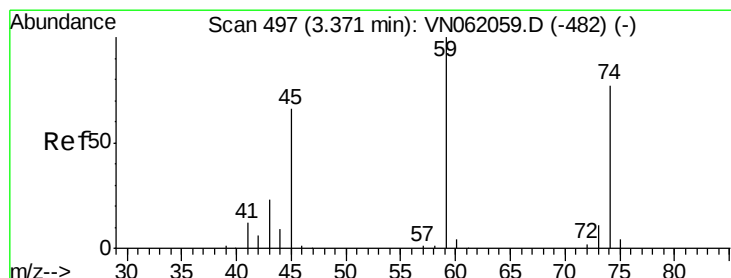
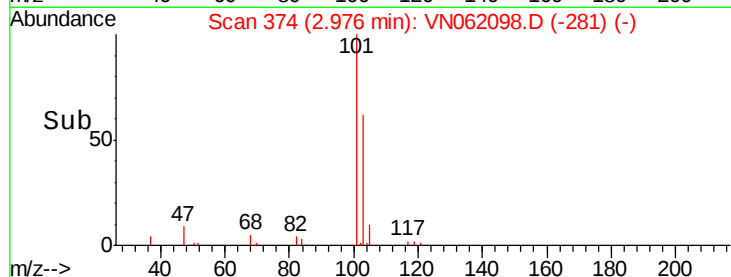
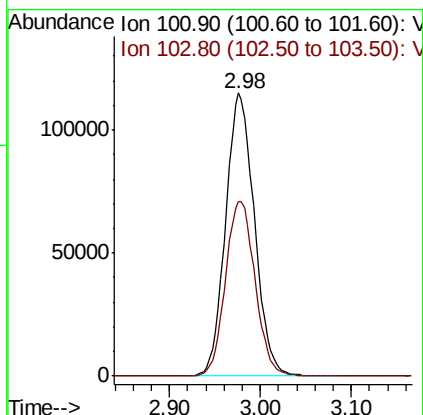
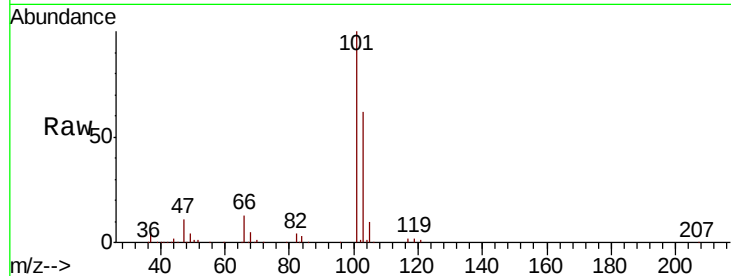


#7

Trichlorofluoromethane
 Concen: 47.073 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

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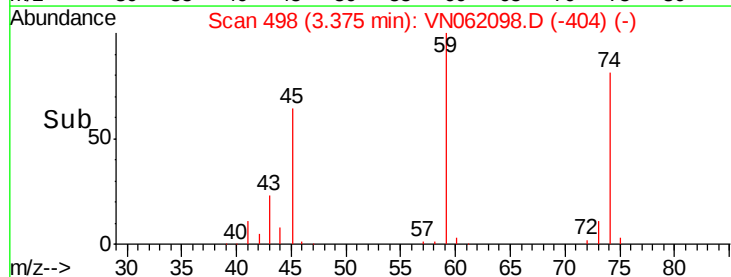
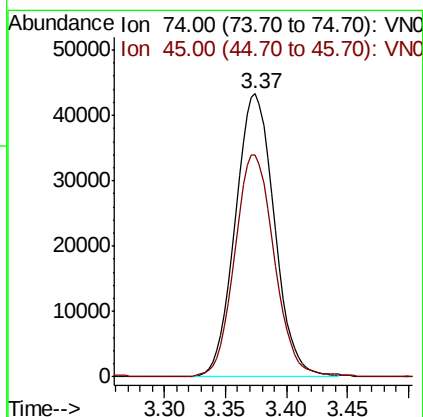
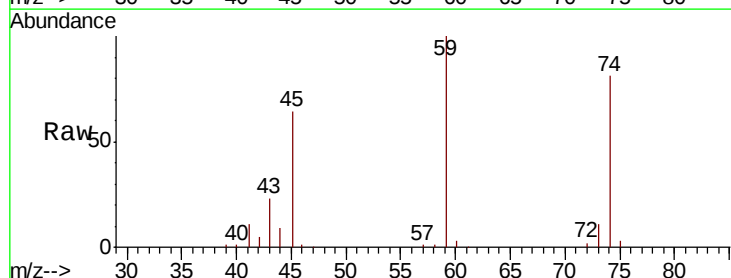
Tot Ion:101 Resp: 252583
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.8 77.6

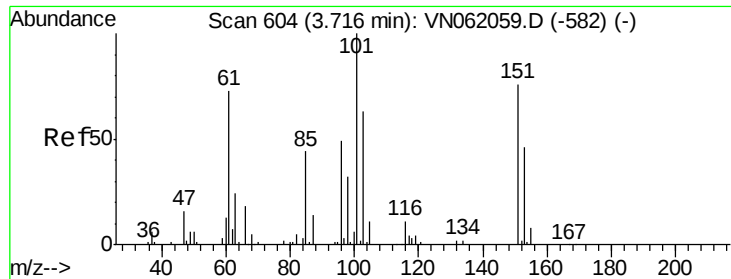


#8

Diethyl Ether
 Concen: 51.259 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 74 Resp: 96042
 Ion Ratio Lower Upper
 74 100
 45 79.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.155 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

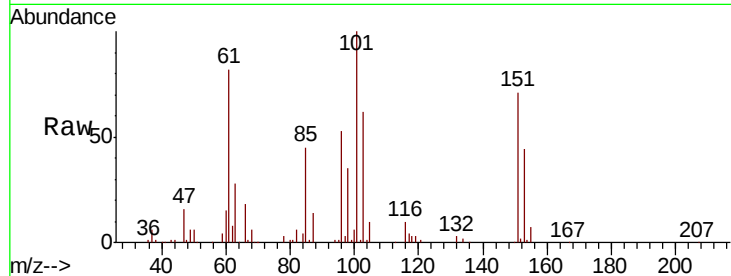
Tot Ion:101 Resp: 129690

Ion Ratio Lower Upper

101 100

85 45.3 34.5 51.7

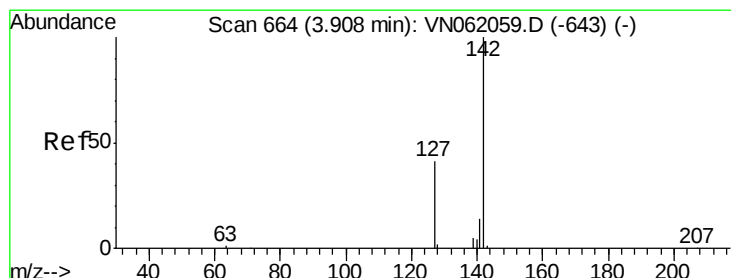
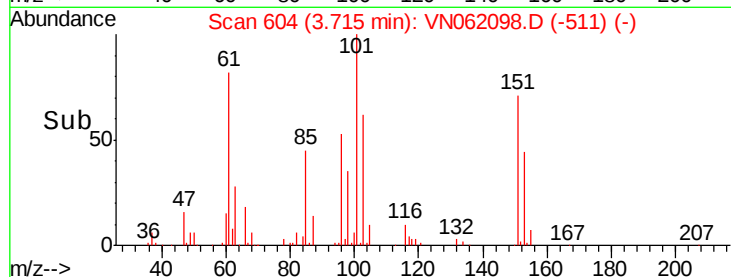
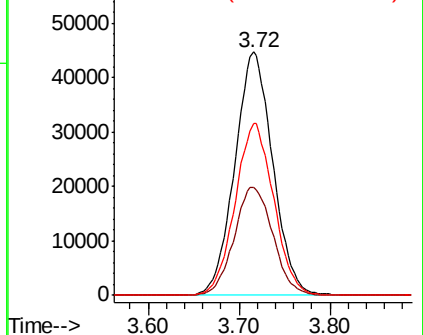
151 71.6 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.060 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

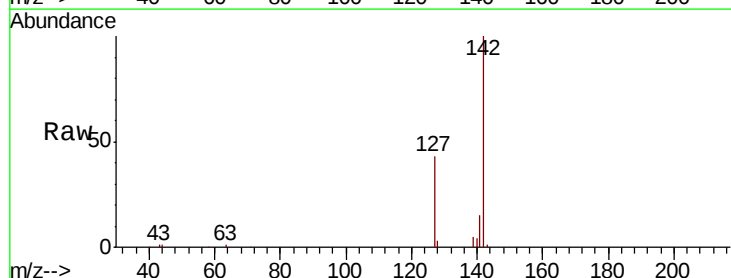
Tgt Ion:142 Resp: 152087

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

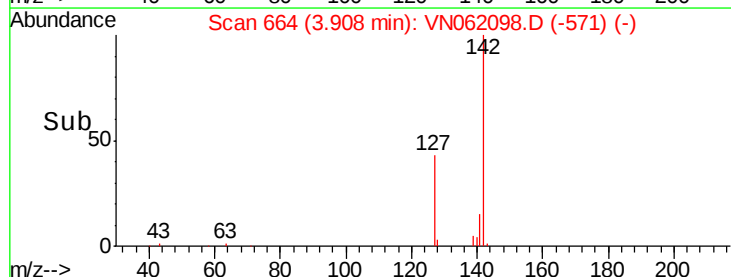
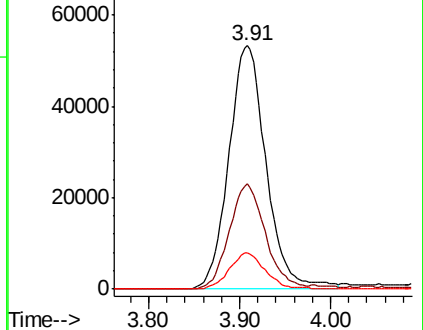
141 14.3 11.3 16.9

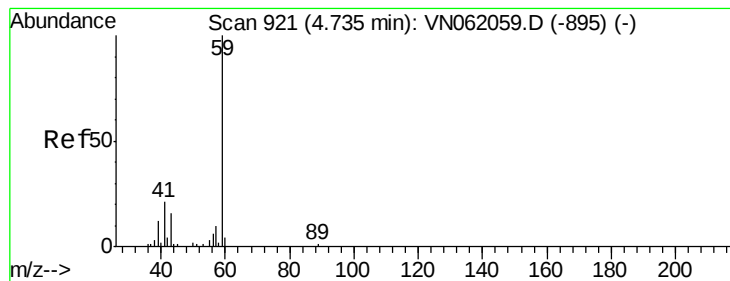


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



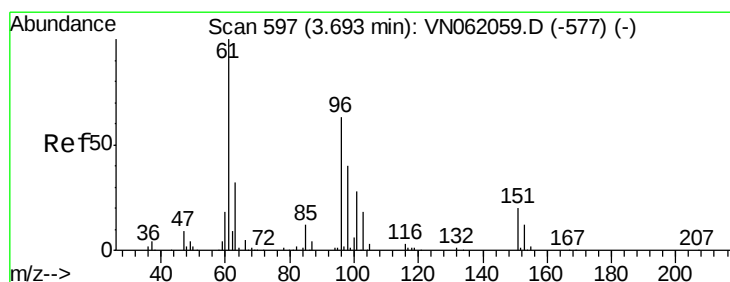
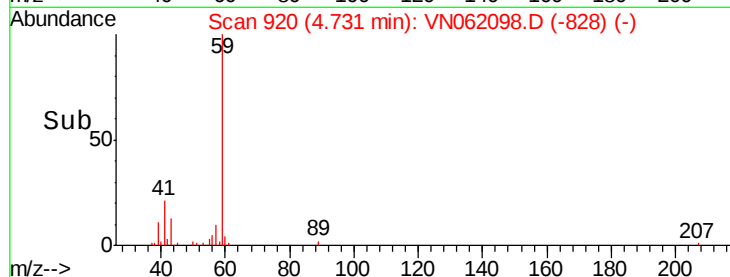
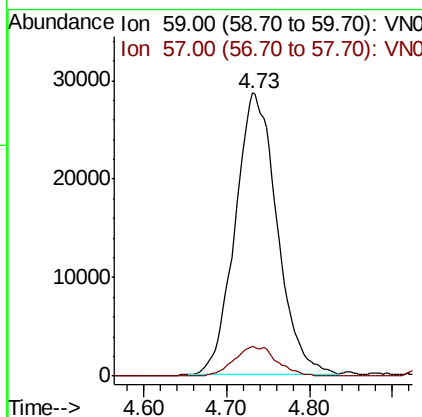
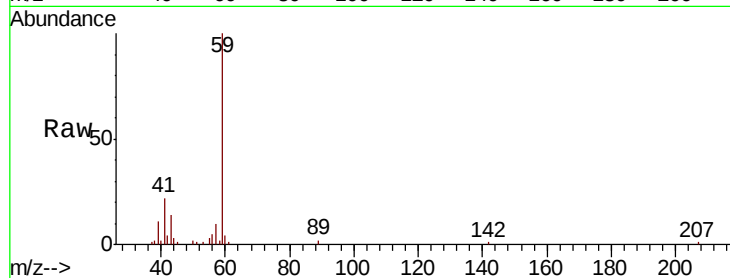


#11

Tert butyl alcohol
 Concen: 203.350 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

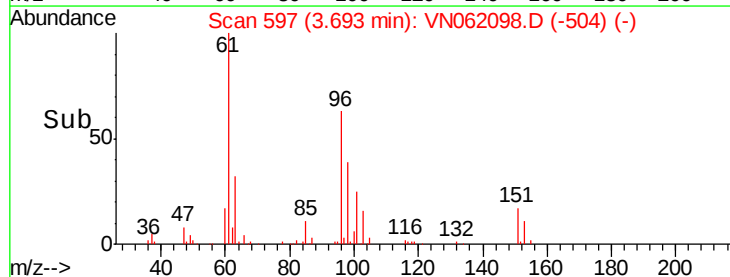
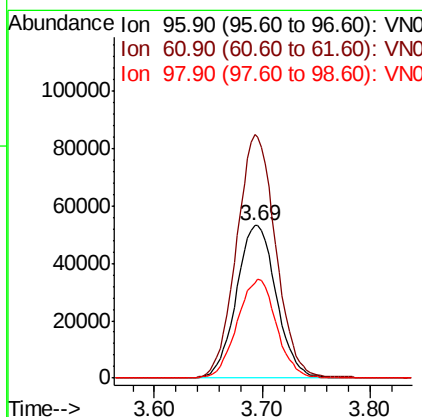
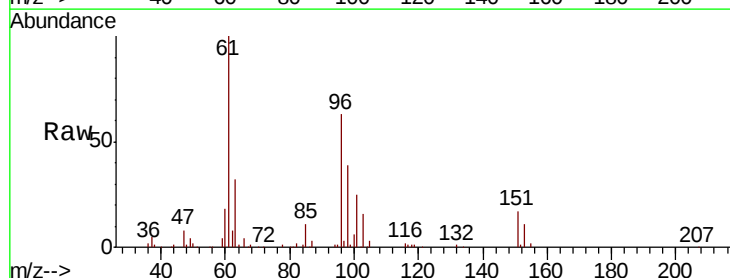
Tot Ion: 59 Resp: 100234
 Ion Ratio Lower Upper
 59 100
 57 6.0 8.3 12.5#

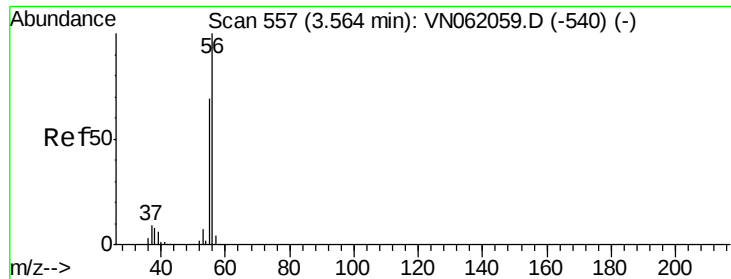


#12

1,1-Dichloroethene
 Concen: 48.732 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 96 Resp: 136889
 Ion Ratio Lower Upper
 96 100
 61 159.6 126.7 190.1
 98 62.5 51.0 76.4





#13

Acrolein

Concen: 227.177 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

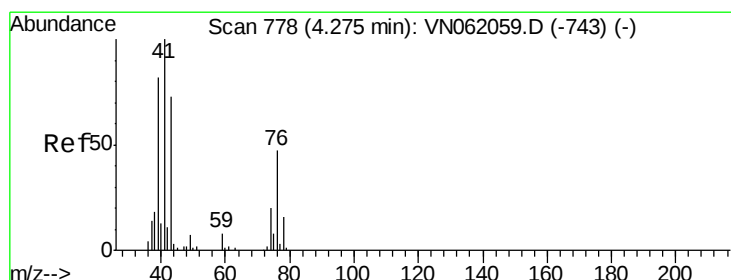
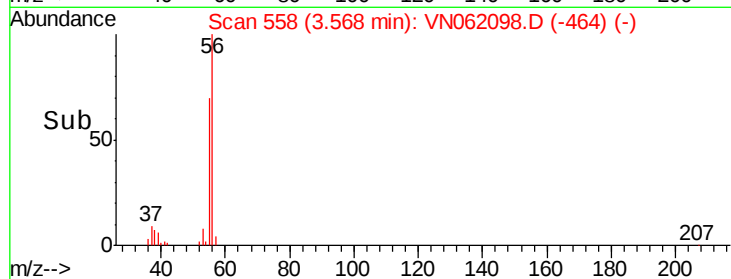
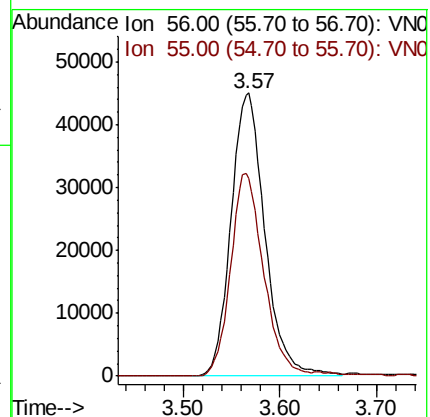
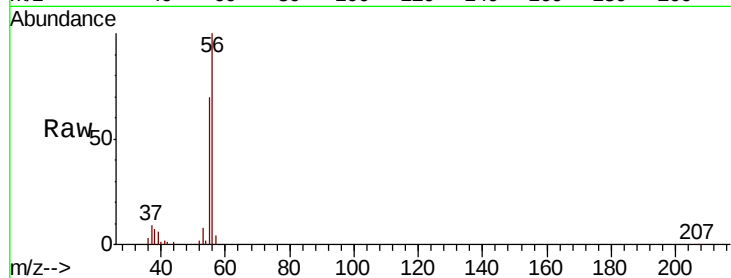
VSTDCCC050EC

Tot Ion: 56 Resp: 109634

Ion Ratio Lower Upper

56 100

55 69.3 55.5 83.3



#14

Allyl chloride

Concen: 47.946 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

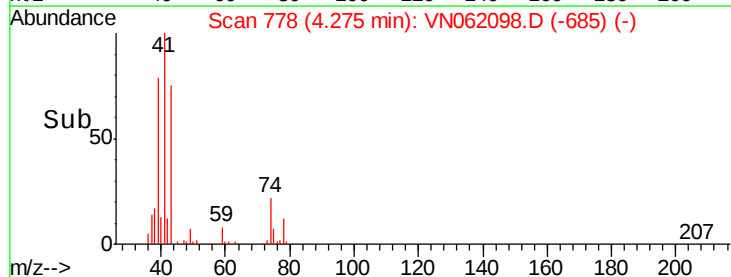
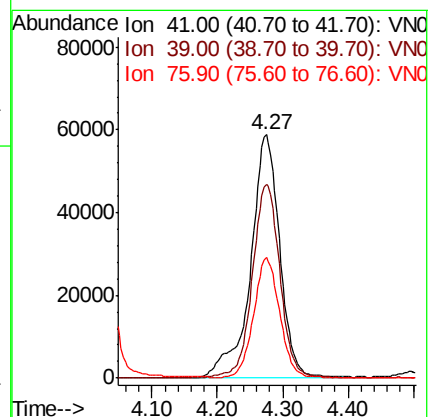
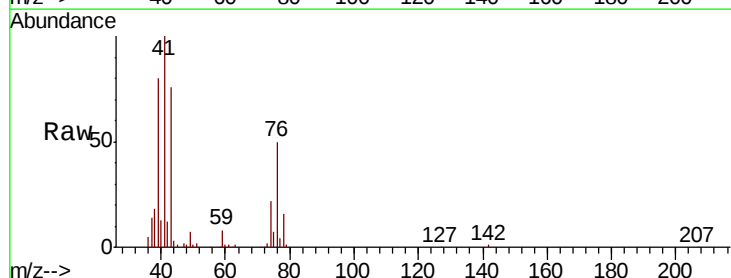
Tgt Ion: 41 Resp: 183366

Ion Ratio Lower Upper

41 100

39 75.2 60.0 90.0

76 43.1 34.1 51.1





#15

Acrylonitrile

Concen: 245.603 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

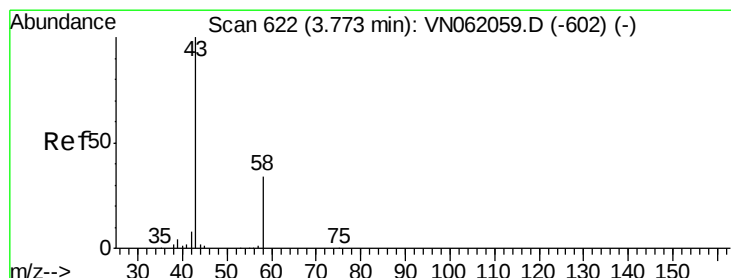
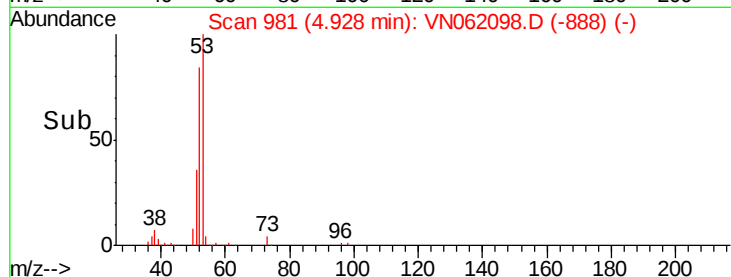
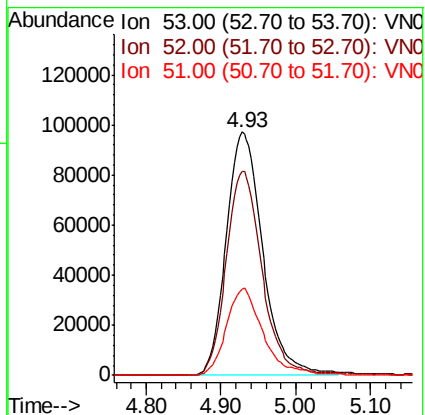
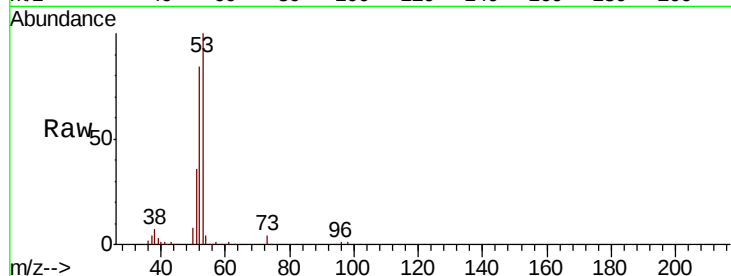
Tot Ion: 53 Resp: 329896

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.4

51 35.7 28.9 43.3



#16

Acetone

Concen: 233.666 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062098.D

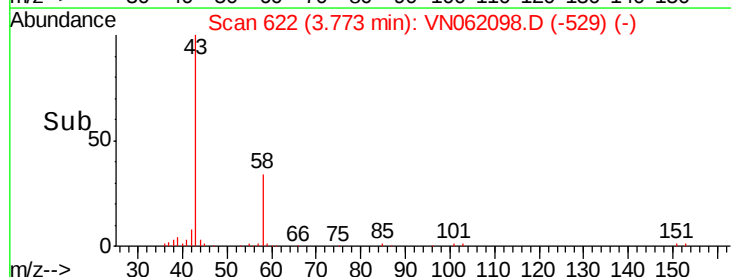
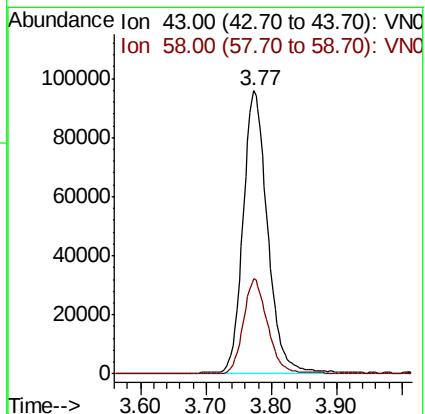
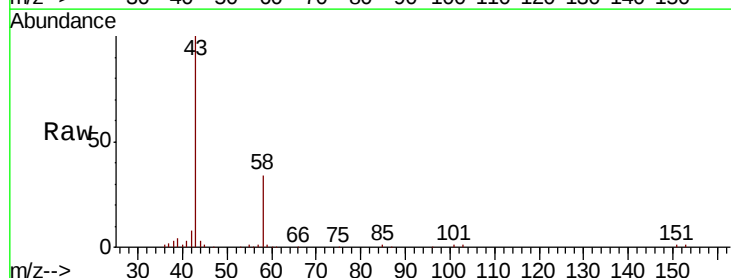
Acq: 25 Jun 2020 5:52

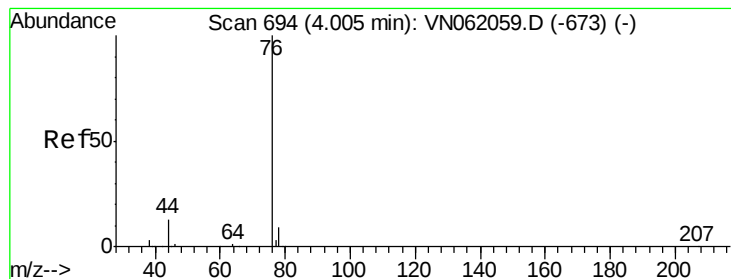
Tgt Ion: 43 Resp: 252082

Ion Ratio Lower Upper

43 100

58 33.7 27.5 41.3





#17

Carbon Disulfide

Concen: 50.175 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

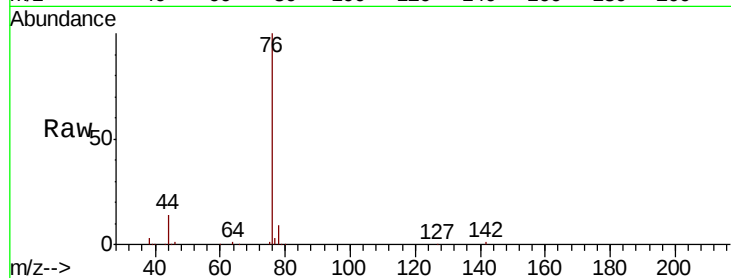
VSTDCCC050EC

Tot Ion: 76 Resp: 403701

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)

4.01

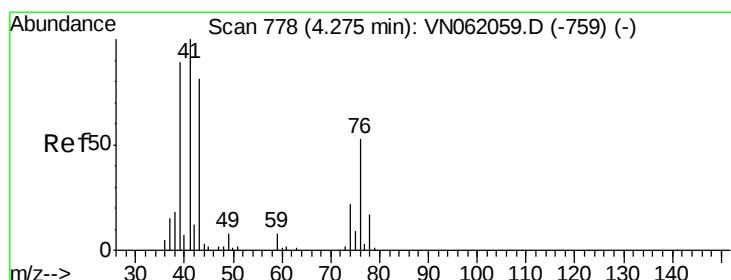
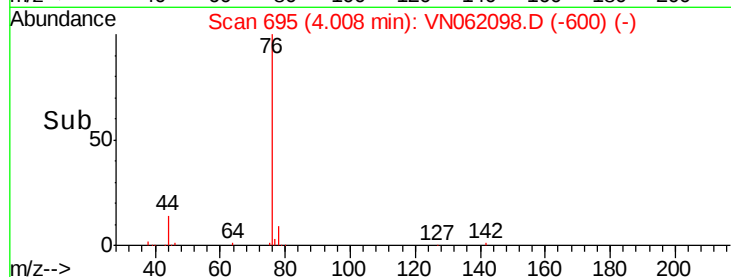
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.363 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062098.D

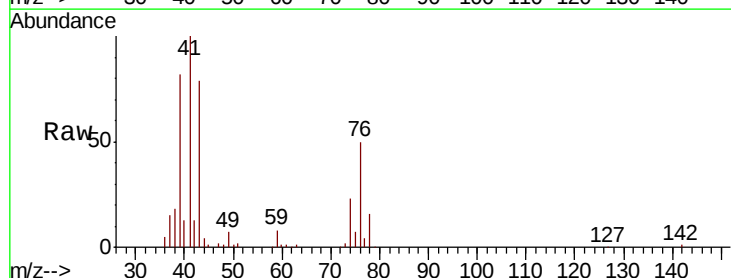
Acq: 25 Jun 2020 5:52

Tgt Ion: 43 Resp: 131988

Ion Ratio Lower Upper

43 100

74 27.5 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)

4.28

50000

40000

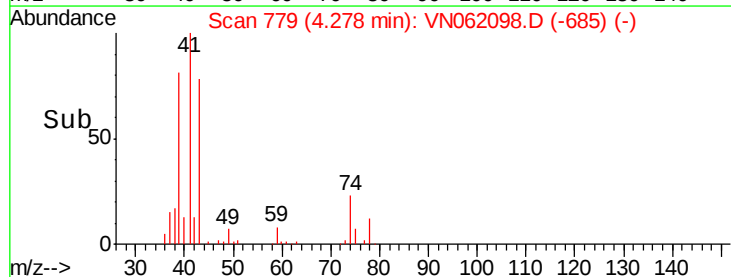
30000

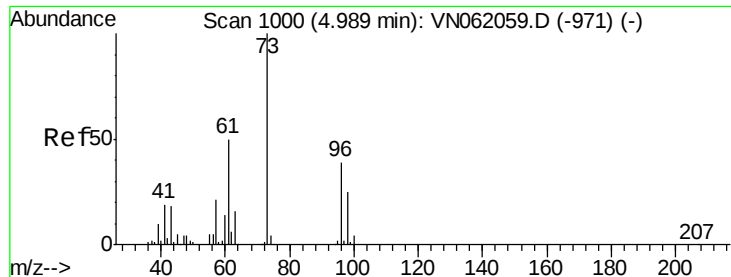
20000

10000

0

Time-->

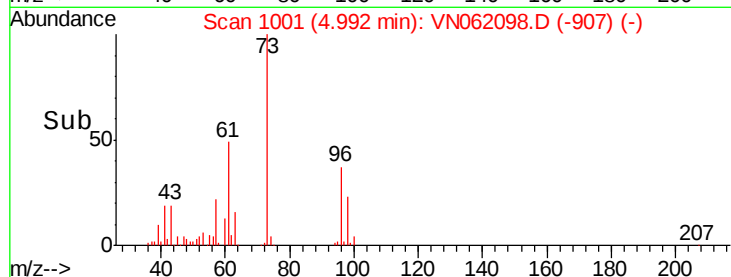
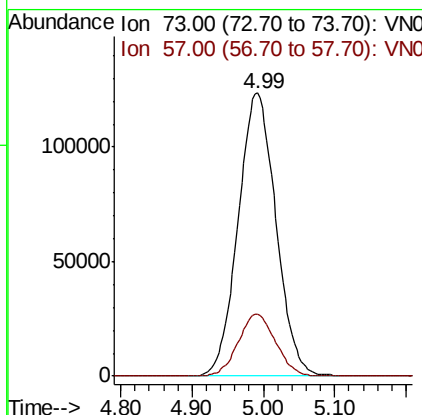
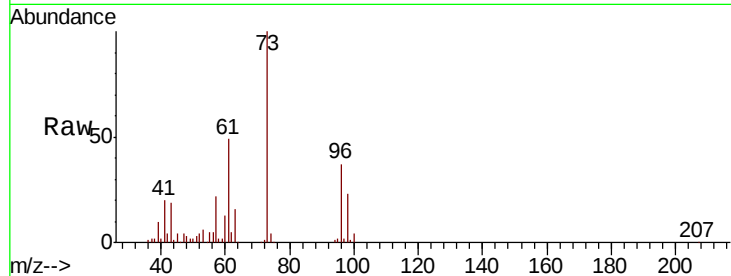




#19
Methvl tert-butvl Ether
Concen: 50.794 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

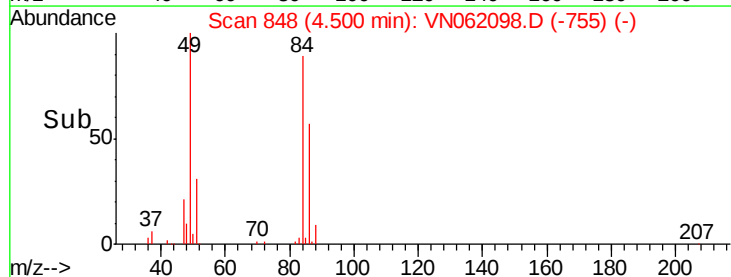
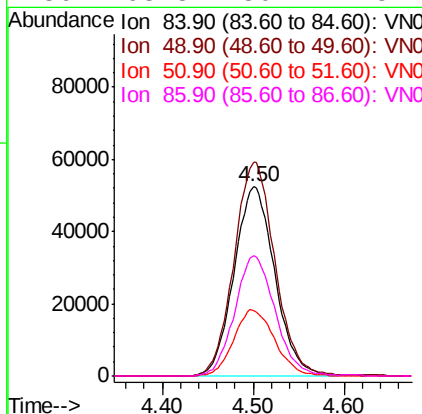
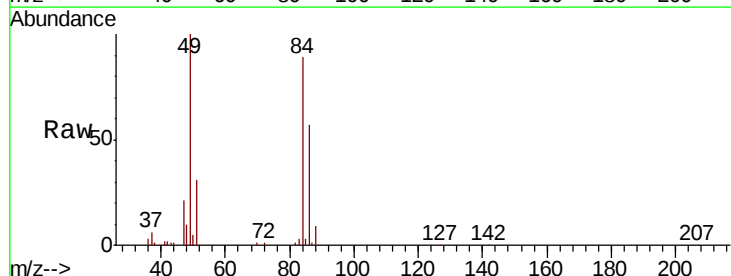
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 455924
Ion Ratio Lower Upper
73 100
57 21.8 16.6 24.8



#20
Methylene Chloride
Concen: 51.830 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 84 Resp: 163320
Ion Ratio Lower Upper
84 100
49 113.0 90.6 136.0
51 34.6 27.8 41.8
86 63.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.199 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

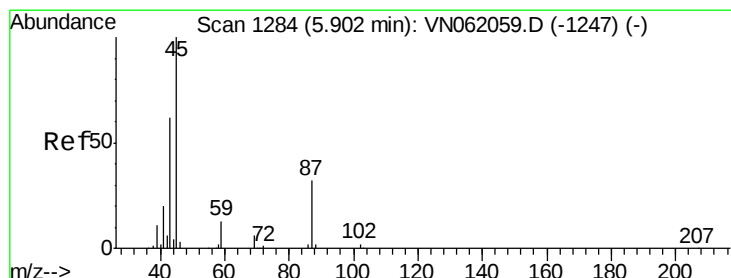
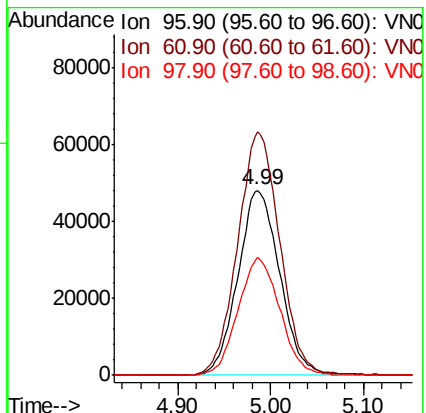
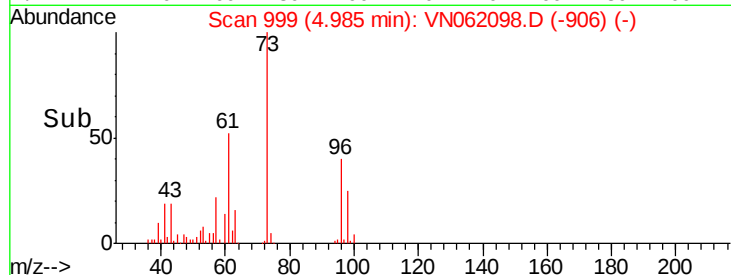
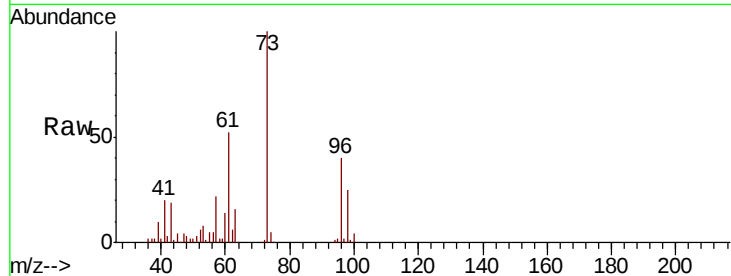
Tot Ion: 96 Resp: 151038

Ion Ratio Lower Upper

96 100

61 131.5 101.4 152.2

98 63.6 49.3 73.9



#22

Diisopropyl ether

Concen: 50.029 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Tgt Ion: 45 Resp: 435646

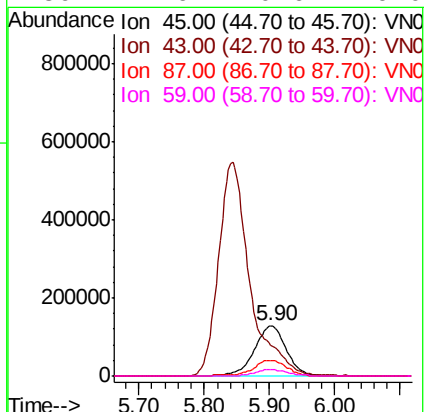
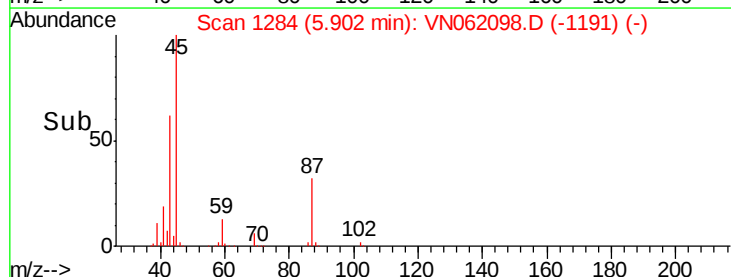
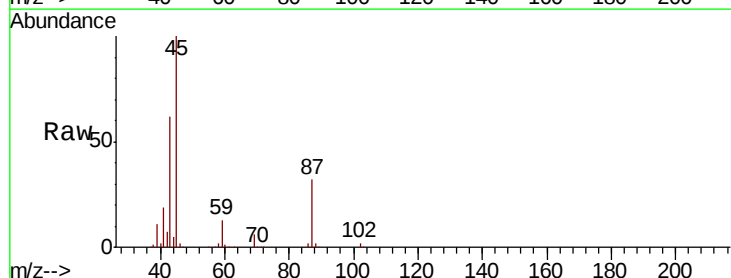
Ion Ratio Lower Upper

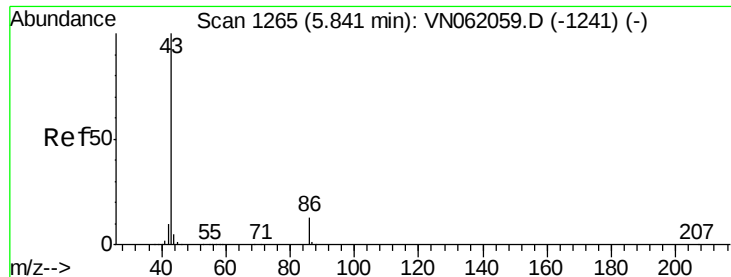
45 100

43 61.4 49.7 74.5

87 31.9 25.9 38.9

59 12.6 10.6 16.0





#23

Vinyl Acetate

Concen: 256.601 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

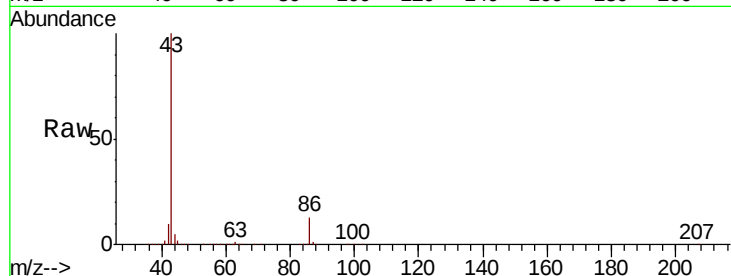
VSTDCCC050EC

Tot Ion: 43 Resp: 1824307

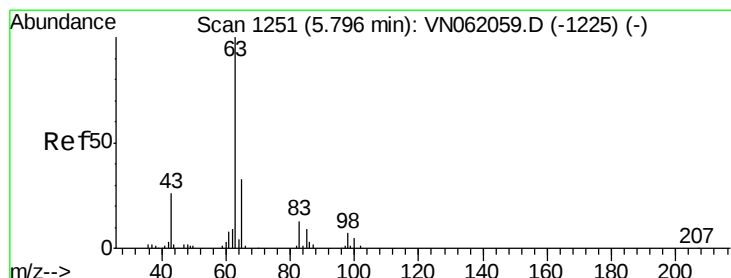
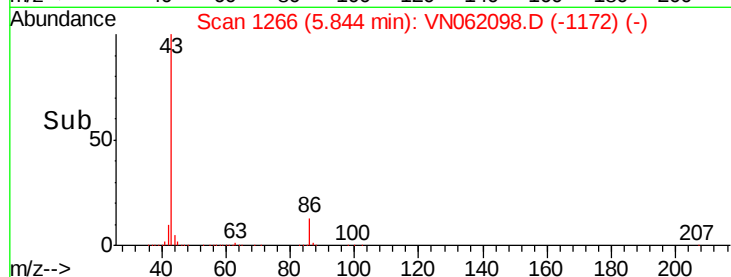
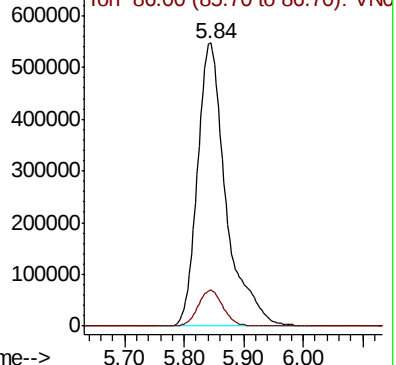
Ion Ratio Lower Upper

43 100

86 12.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062098.D (-1172) (-)



#24

1,1-Dichloroethane

Concen: 47.918 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

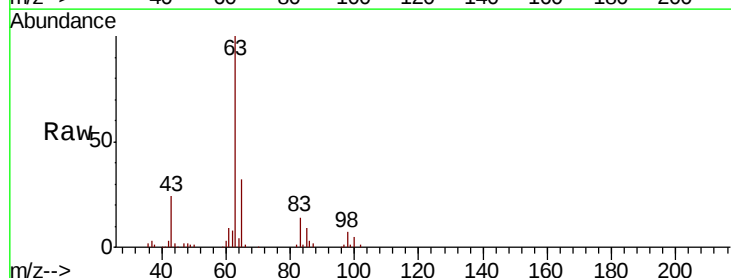
Tgt Ion: 63 Resp: 268697

Ion Ratio Lower Upper

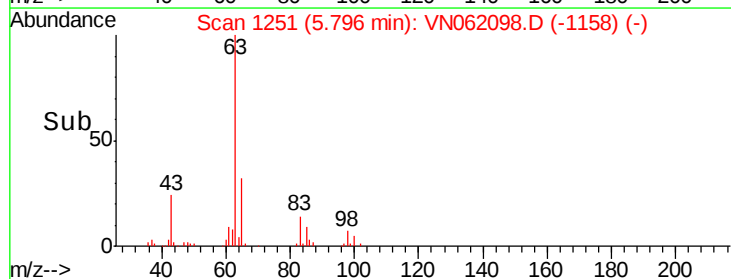
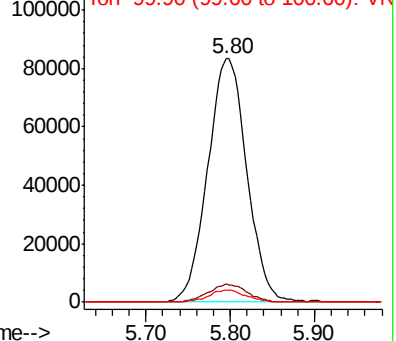
63 100

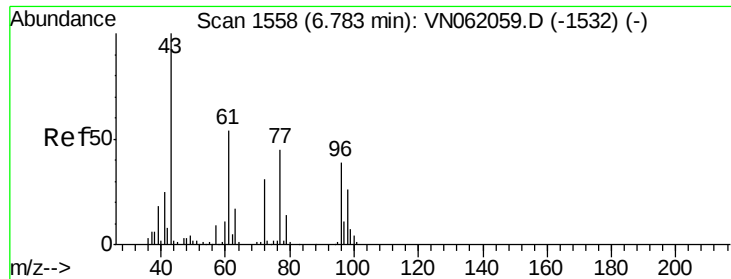
98 7.3 3.6 10.9

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062098.D (-1158) (-)

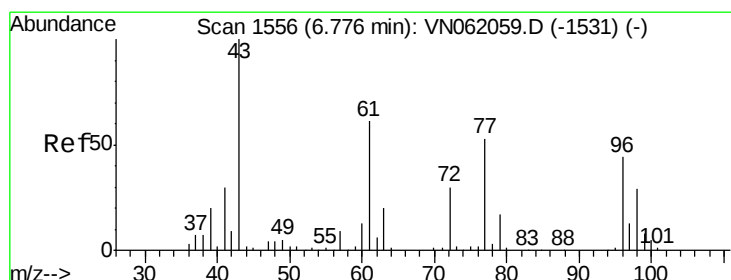
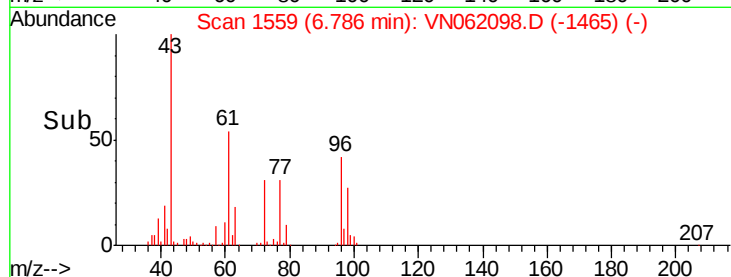
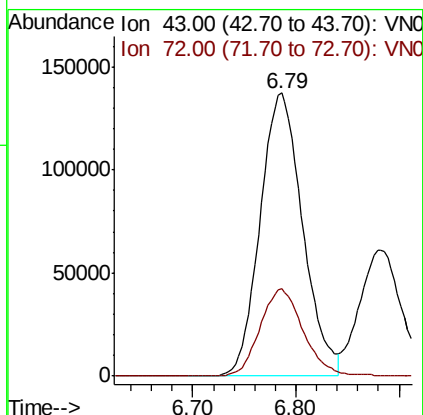
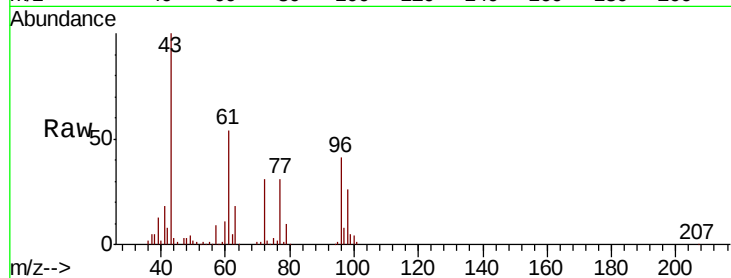




#25
2-Butanone
Concen: 234.145 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

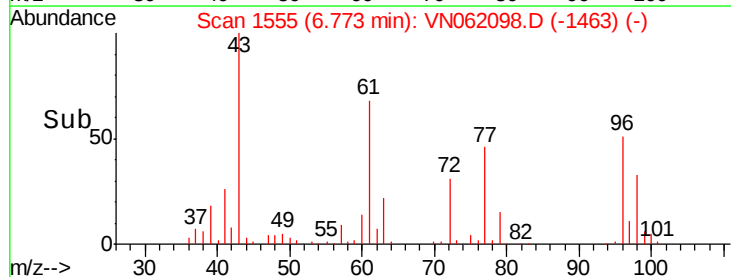
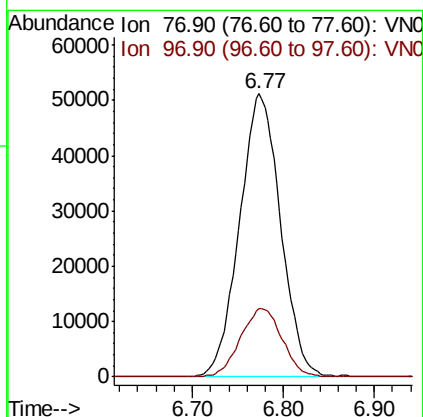
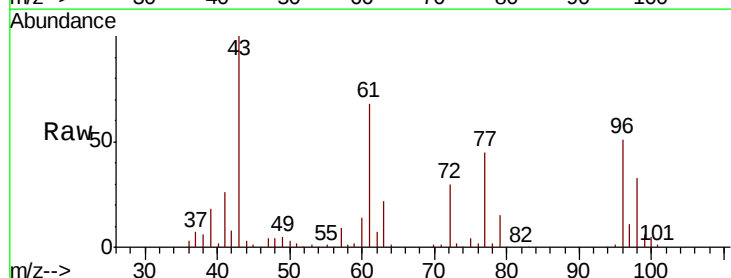
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

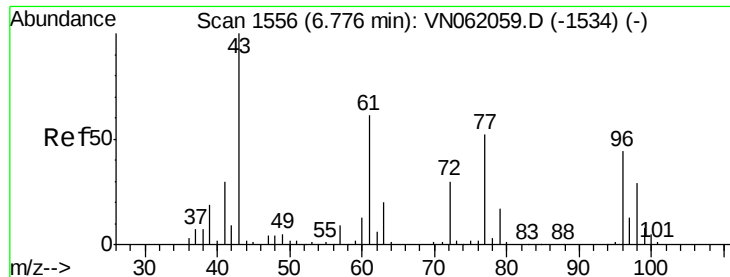
Tot Ion: 43 Resp: 392905
Ion Ratio Lower Upper
43 100
72 30.9 24.8 37.2



#26
2,2-Dichloropropane
Concen: 34.275 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 77 Resp: 160155
Ion Ratio Lower Upper
77 100
97 24.4 11.8 35.3

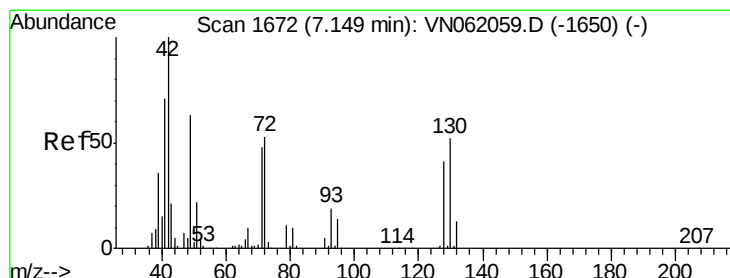
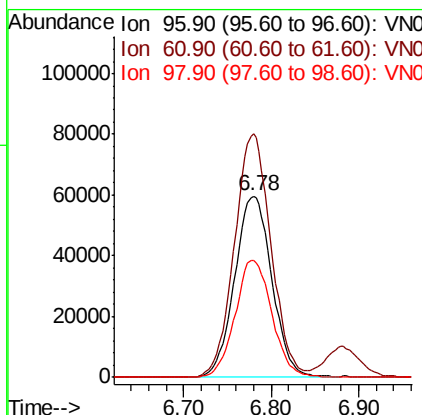
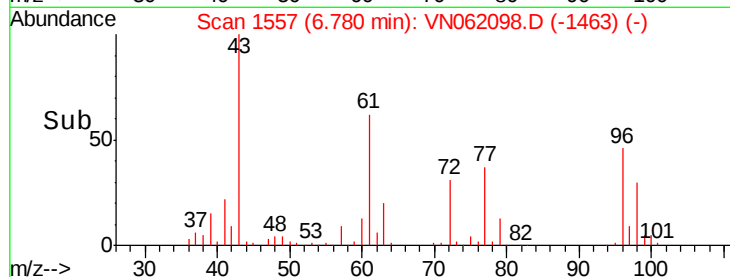
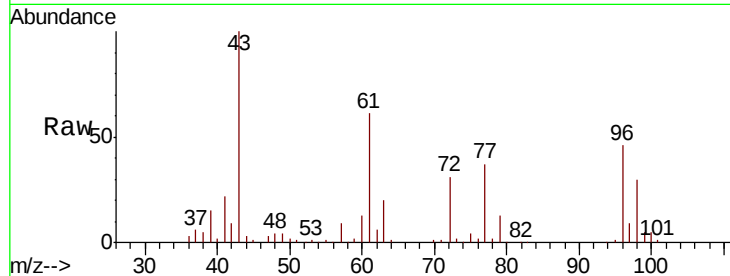




#27
 cis-1,2-Dichloroethene
 Concen: 48.925 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

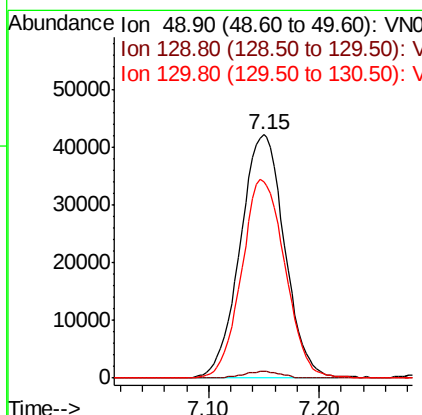
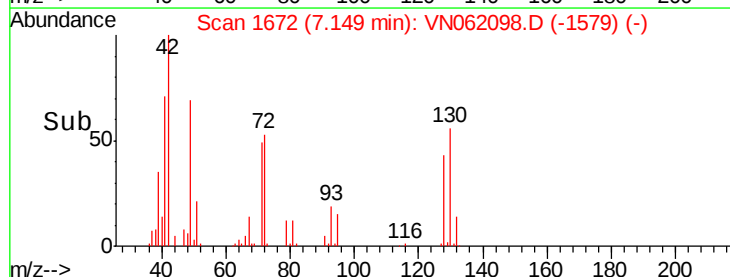
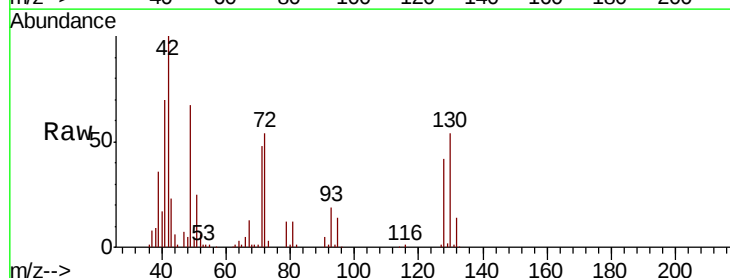
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

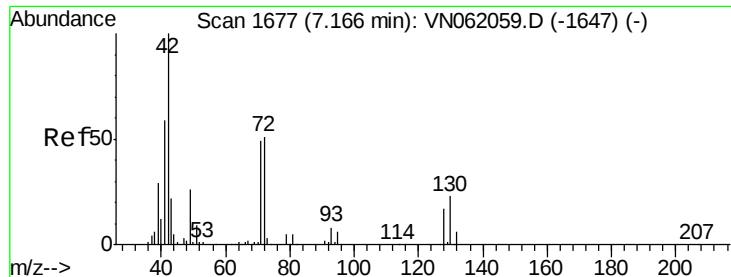
Tot Ion: 96 Resp: 176174
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 280.4
 98 63.8 0.0 129.4



#28
 Bromochloromethane
 Concen: 48.406 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 49 Resp: 117769
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 80.1 65.5 98.3

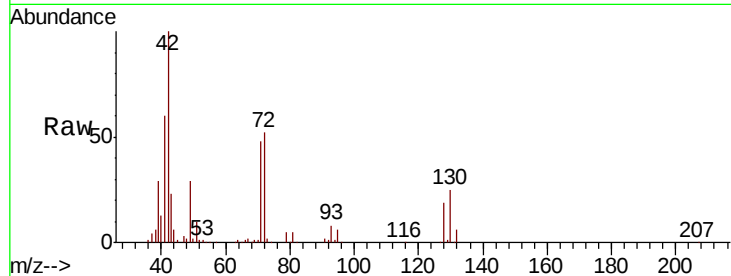




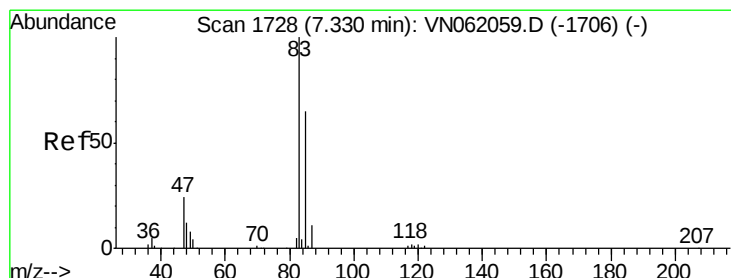
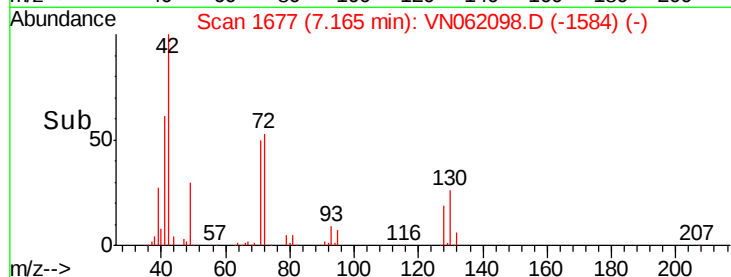
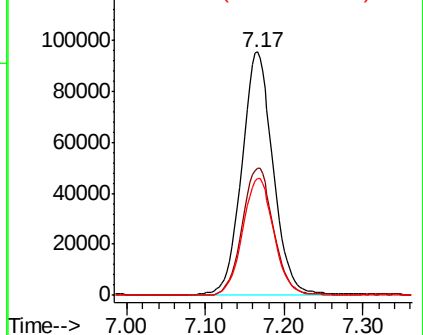
#29
Tetrahydrofuran
Concen: 244.197 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 268421
Ion Ratio Lower Upper
42 100
72 52.4 41.1 61.7
71 48.1 38.2 57.4

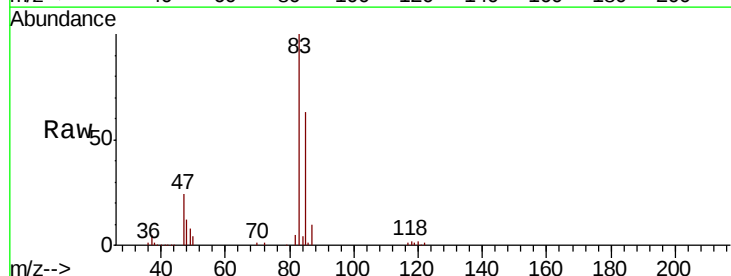


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

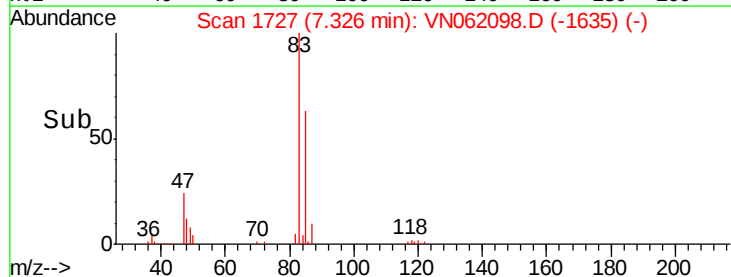
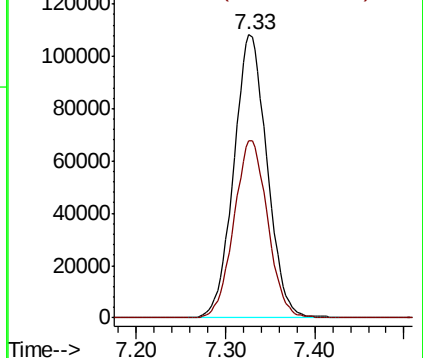


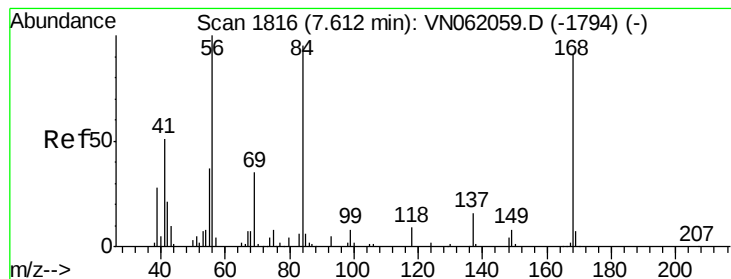
#30
Chloroform
Concen: 49.155 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 83 Resp: 280434
Ion Ratio Lower Upper
83 100
85 62.8 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: 48.065 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

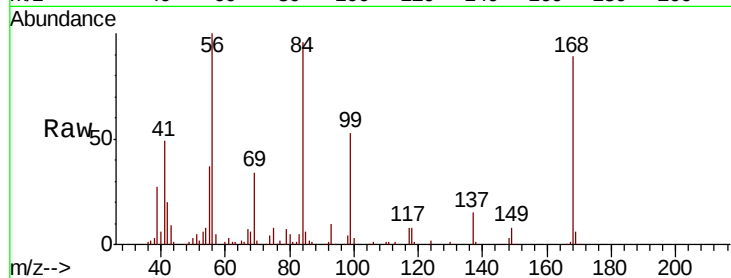
Tot Ion: 56 Resp: 227976

Ion Ratio Lower Upper

56 100

69 33.5 28.0 42.0

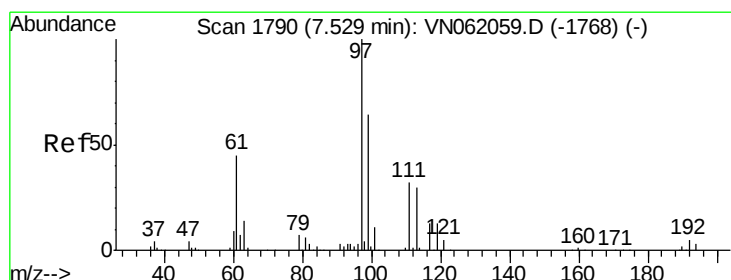
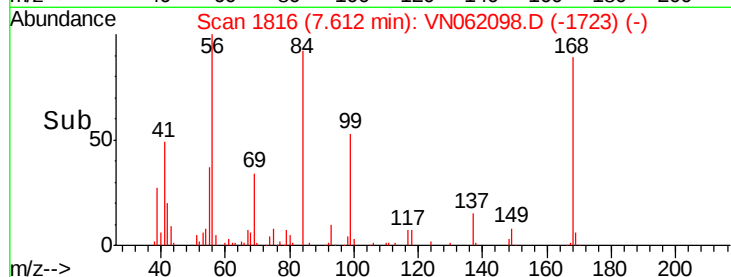
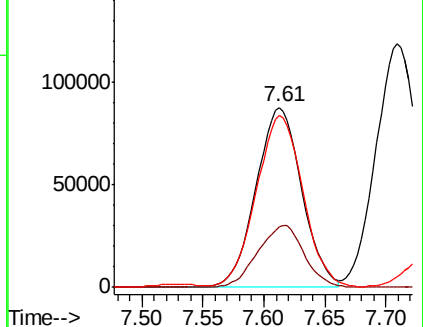
84 94.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062098.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062098.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062098.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 49.351 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

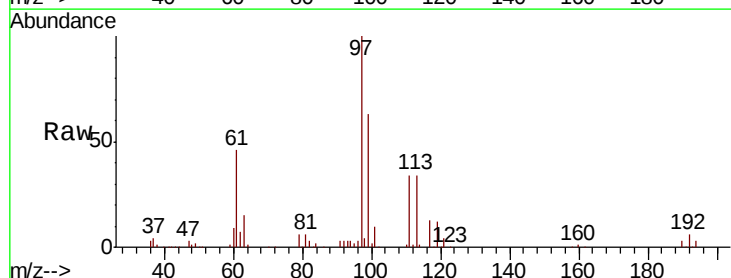
Tgt Ion: 97 Resp: 237442

Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

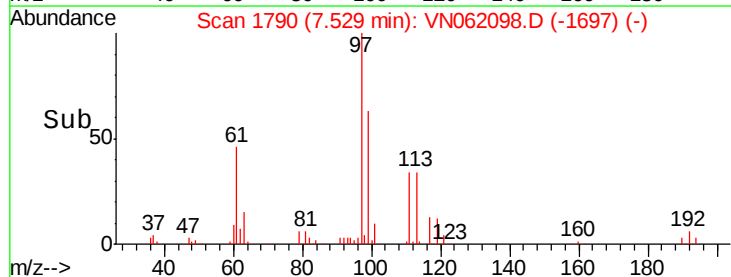
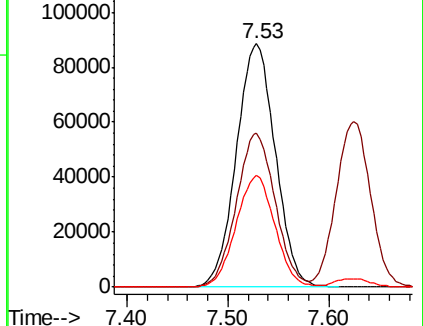
61 45.7 36.2 54.2

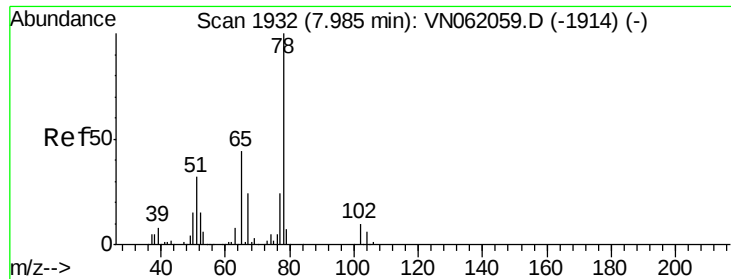


Abundance Ion 96.90 (96.60 to 97.60): VN062098.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062098.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062098.D (-1697) (-)

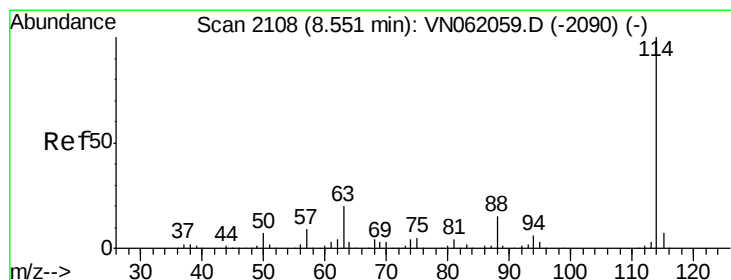
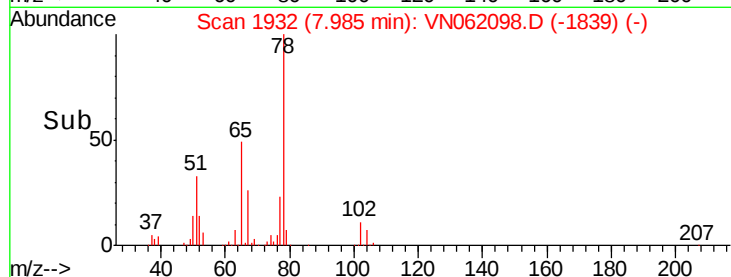
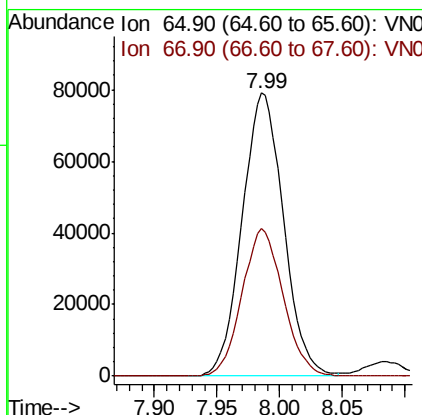
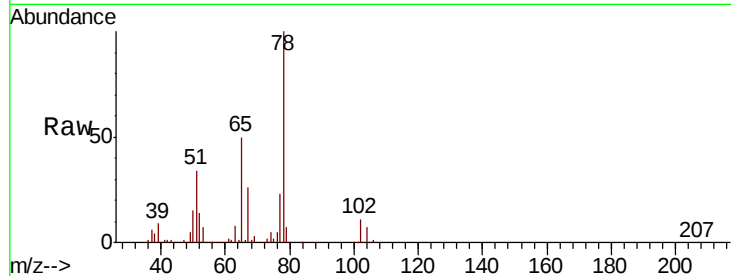




#33
 1,2-Dichloroethane-d4
 Concen: 52.858 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

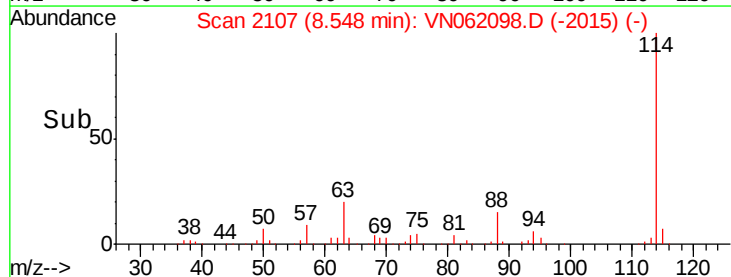
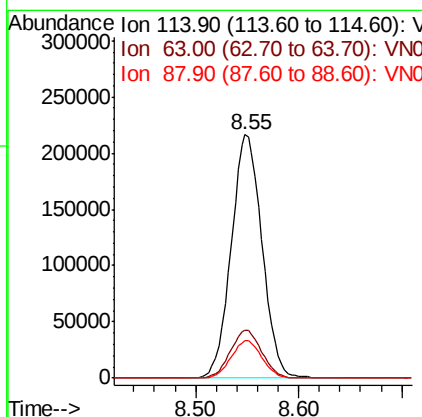
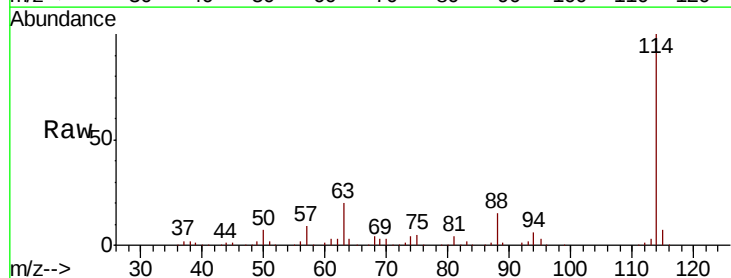
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 181465
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 114 Resp: 450214
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.5 0.0 30.8

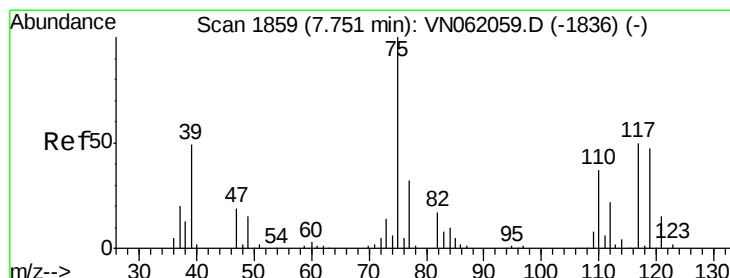
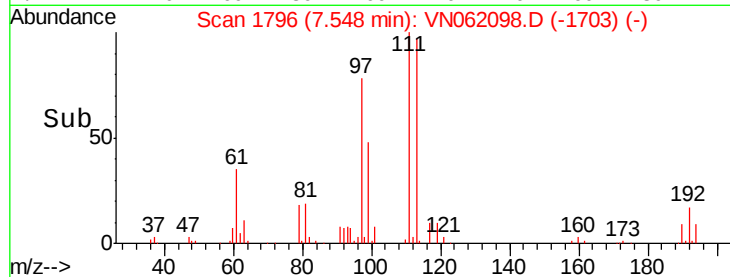
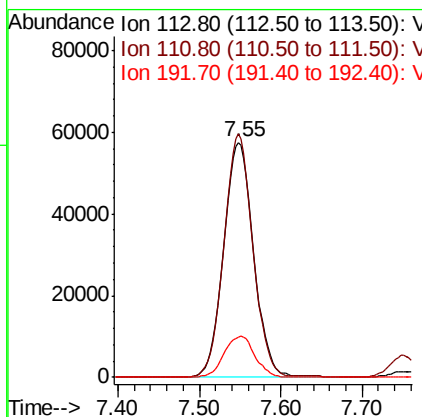
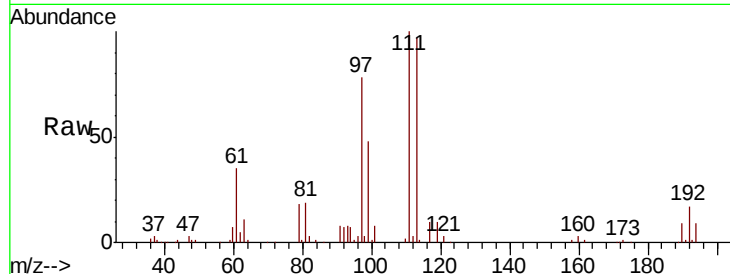




#35
 Dibromofluoromethane
 Concen: 51.434 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

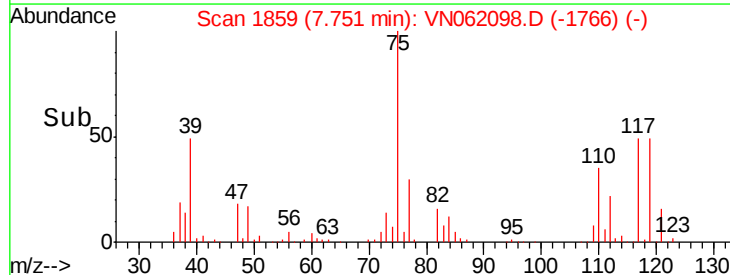
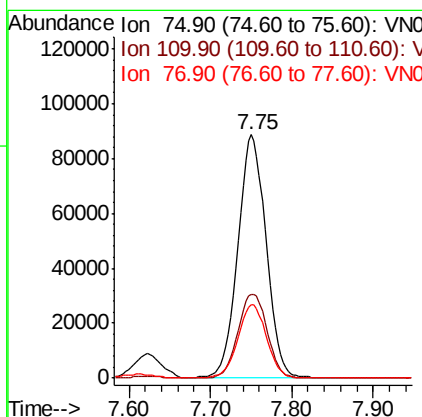
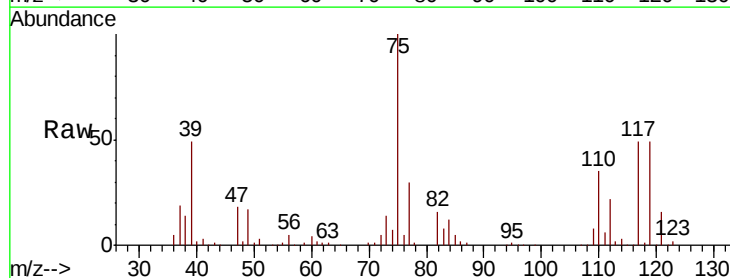
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.2	123.4
192	17.9	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 46.916 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.9	53.8
77	30.6	24.9	37.3

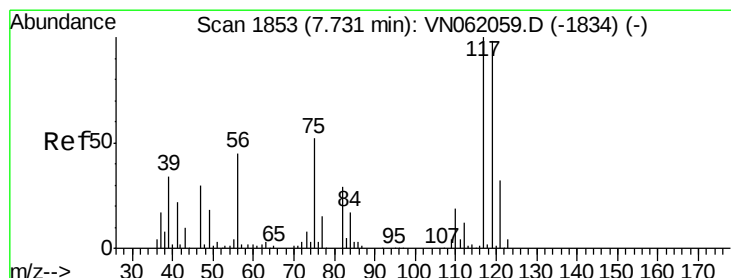
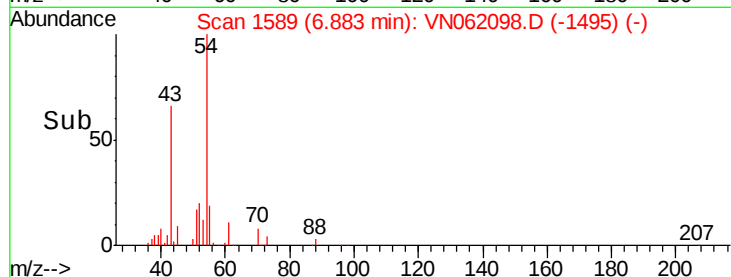
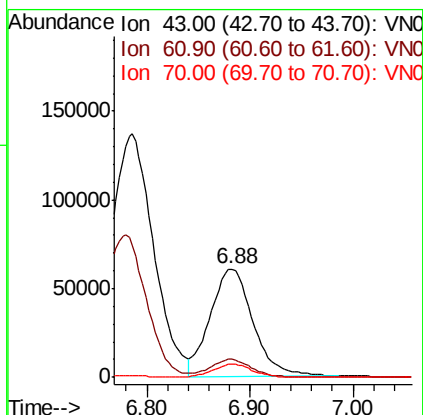
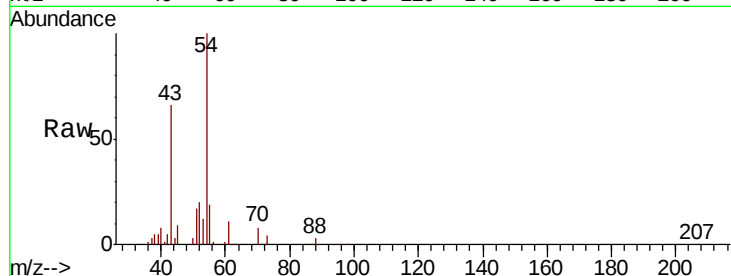




#37
Ethyl Acetate
Concen: 46.583 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

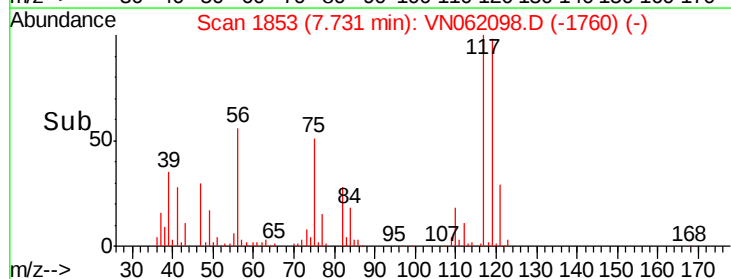
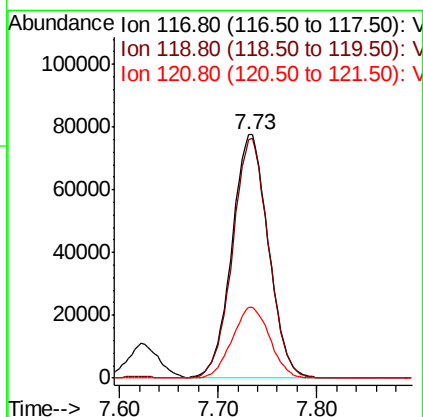
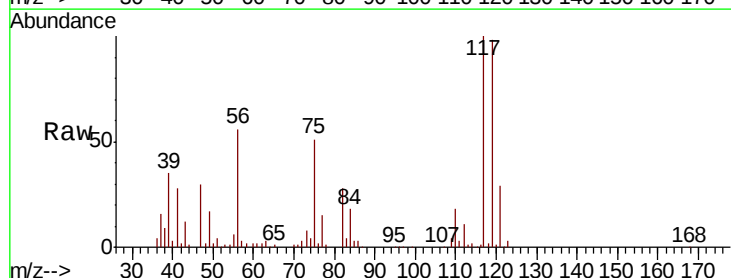
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 174556
Ion Ratio Lower Upper
43 100
61 15.4 12.0 18.0
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.739 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 117 Resp: 199406
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.2
121 29.2 25.8 38.6

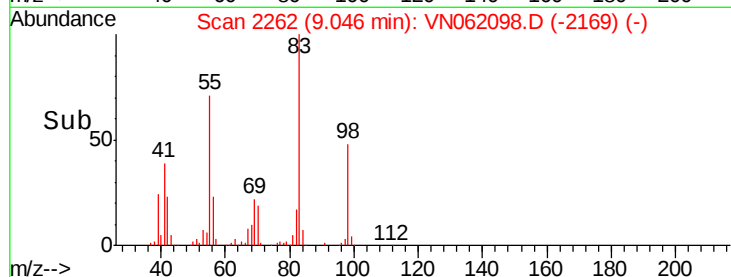
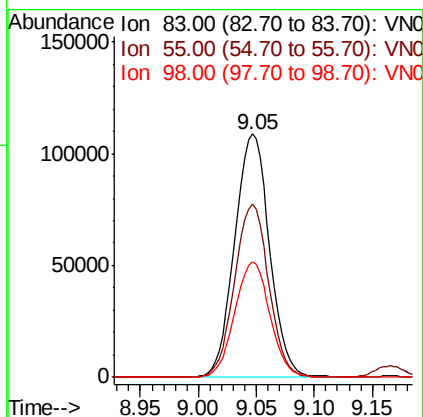
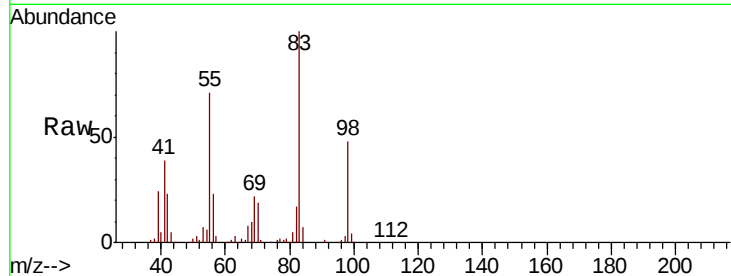




#39
Methvlcvclohexane
Concen: 45.972 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

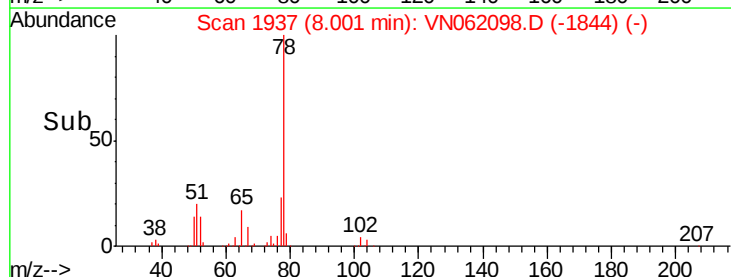
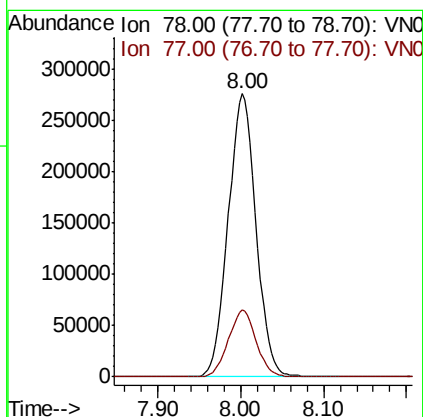
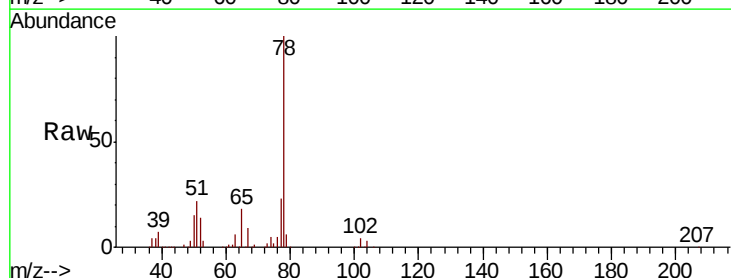
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

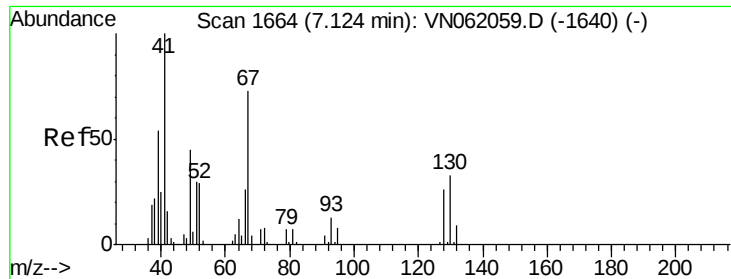
Tot Ion: 83 Resp: 227946
Ion Ratio Lower Upper
83 100
55 71.1 57.0 85.6
98 47.7 39.0 58.6



#40
Benzene
Concen: 46.859 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 78 Resp: 646319
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

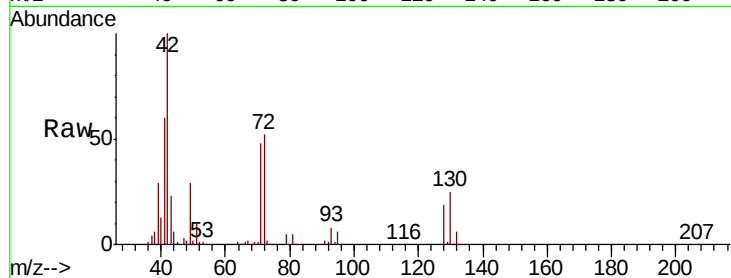




#41
Methacrylonitrile
Concen: 140.257 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

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#



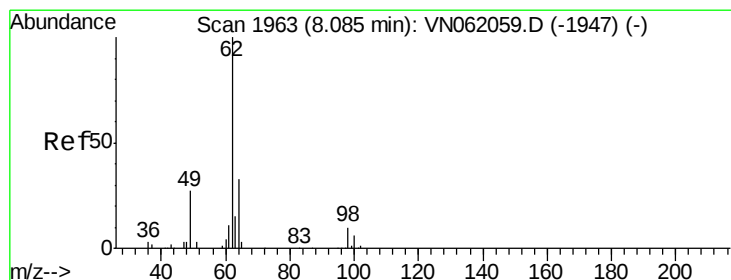
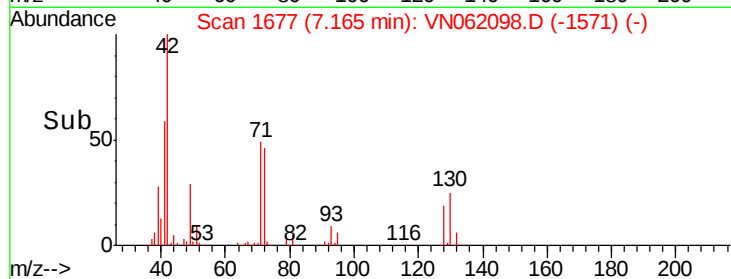
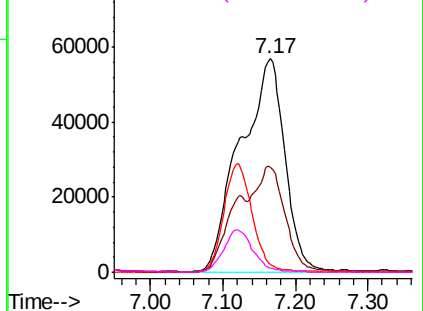
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

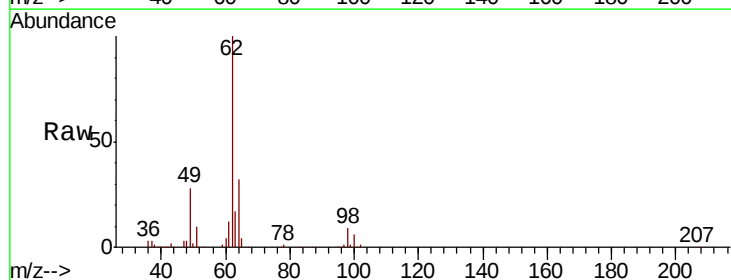
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 47.276 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

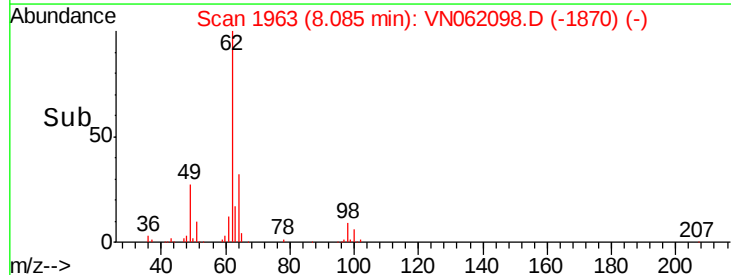
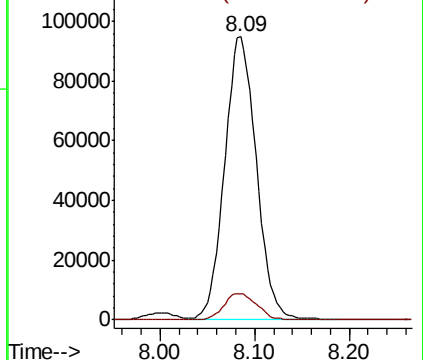
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8



Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 48.027 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

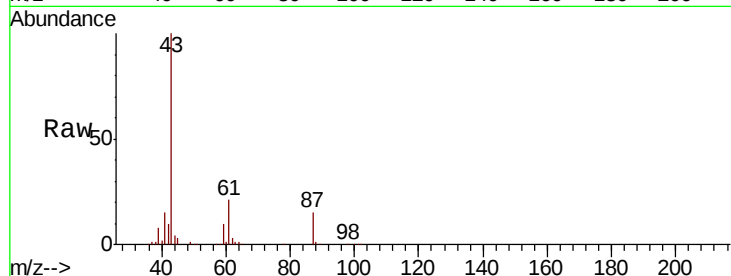
Tot Ion: 43 Resp: 293376

Ion Ratio Lower Upper

43 100

61 22.3 17.2 25.8

87 15.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)

150000

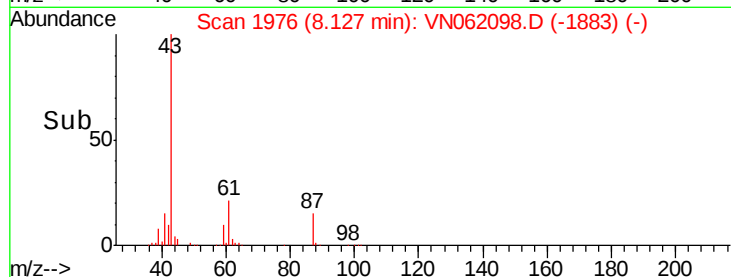
100000

50000

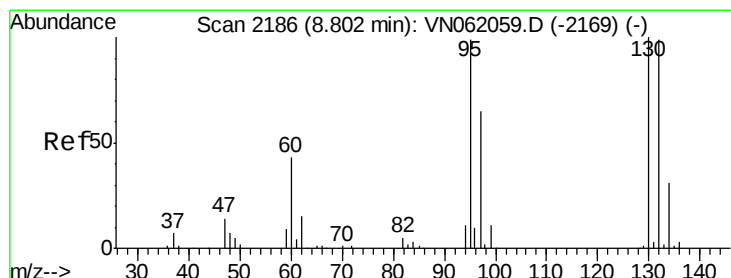
0

8.13

8.00 8.10 8.20



Time-->



#44

Trichloroethene

Concen: 45.275 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062098.D

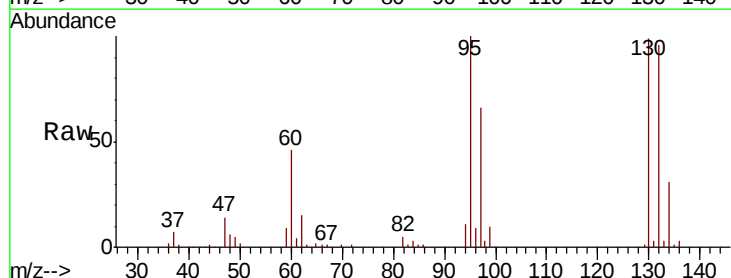
Acq: 25 Jun 2020 5:52

Tgt Ion:130 Resp: 157526

Ion Ratio Lower Upper

130 100

95 100.6 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

80000

60000

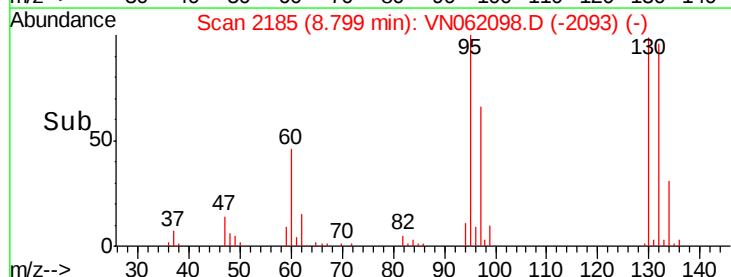
40000

20000

0

8.80

8.70 8.75 8.80 8.85 8.90



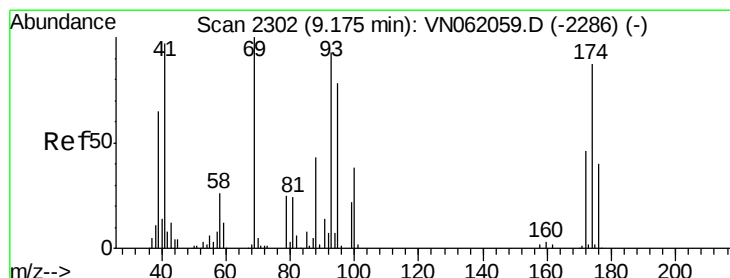
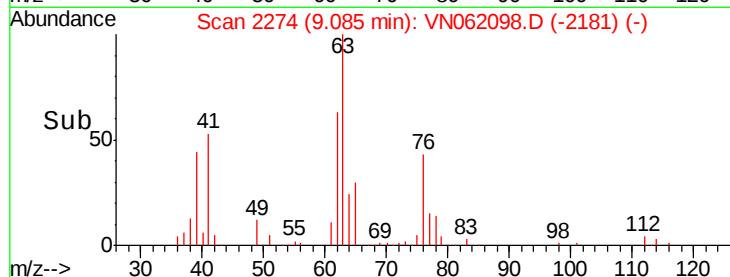
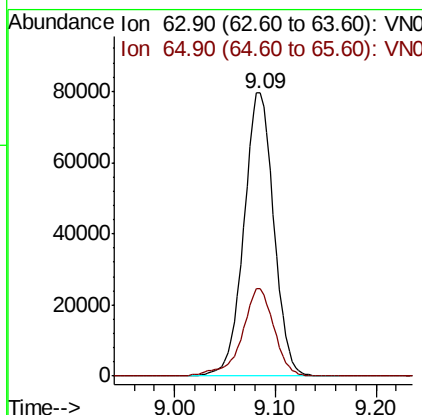
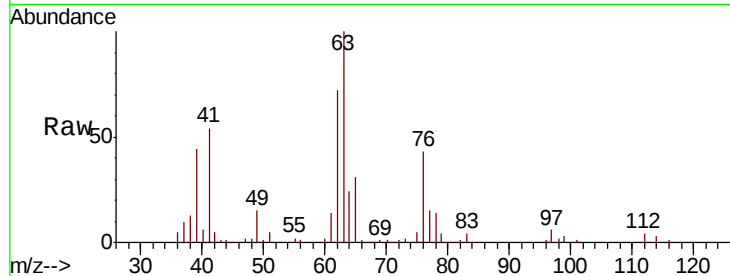
Time-->



#45
 1,2-Dichloropropane
 Concen: 47.886 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

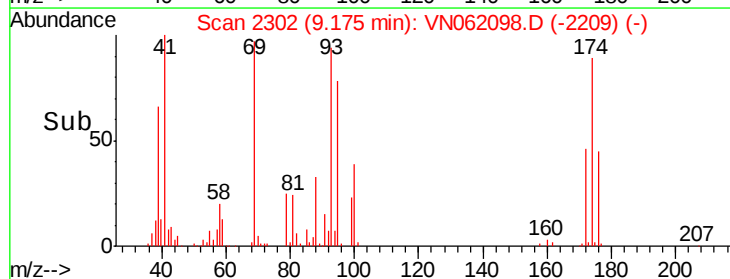
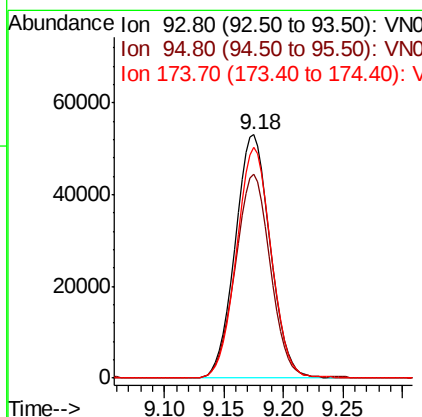
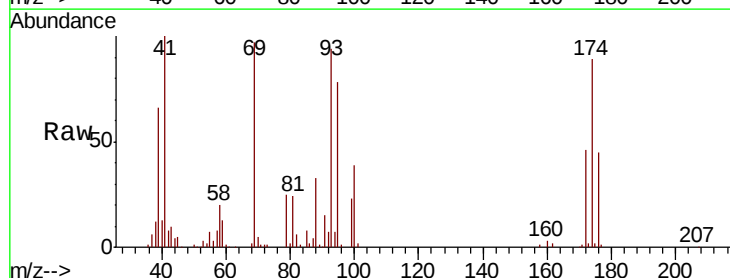
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 162947
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 47.066 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 93 Resp: 108586
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.6
 174 93.5 74.4 111.6

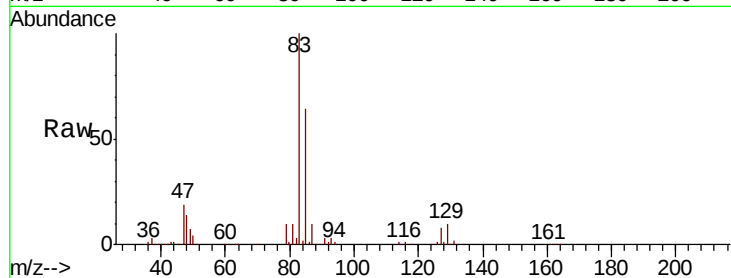




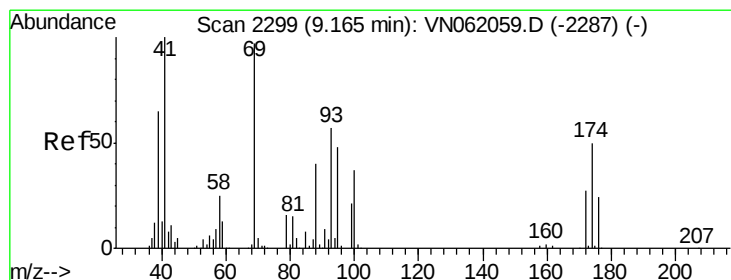
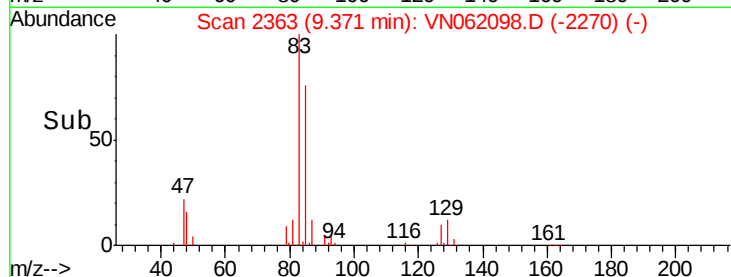
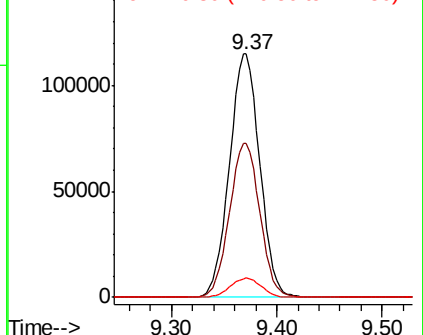
#47
Bromodichloromethane
Concen: 48.926 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 227915
Ion Ratio Lower Upper
83 100
85 63.5 50.3 75.5
127 8.0 6.9 10.3

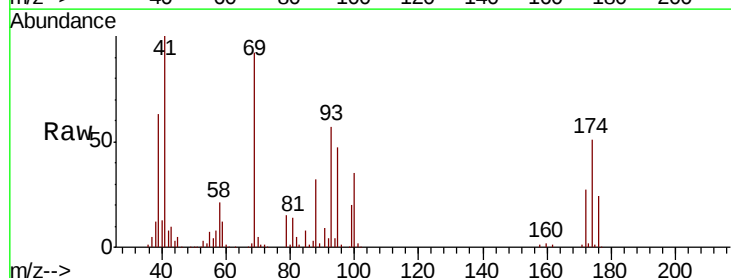


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

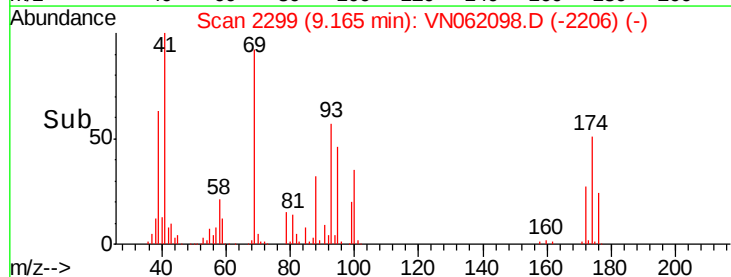
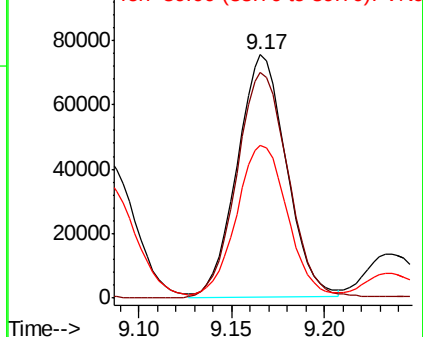


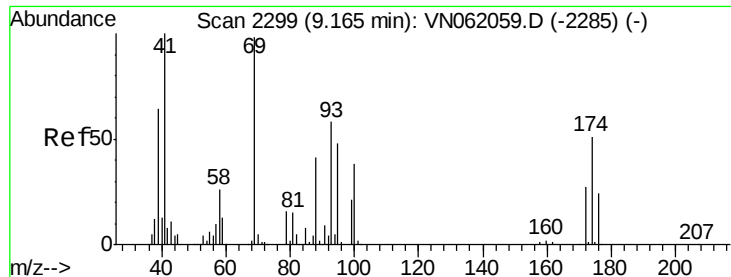
#48
Methyl methacrylate
Concen: 50.594 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 41 Resp: 138574
Ion Ratio Lower Upper
41 100
69 98.1 80.7 121.1
39 65.1 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 812.842 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

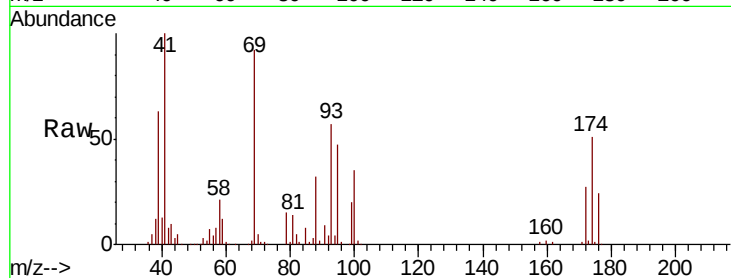
Tot Ion: 88 Resp: 49371

Ion Ratio Lower Upper

88 100

43 28.4 22.0 33.0

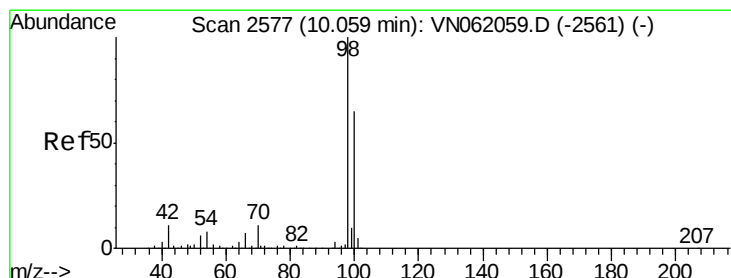
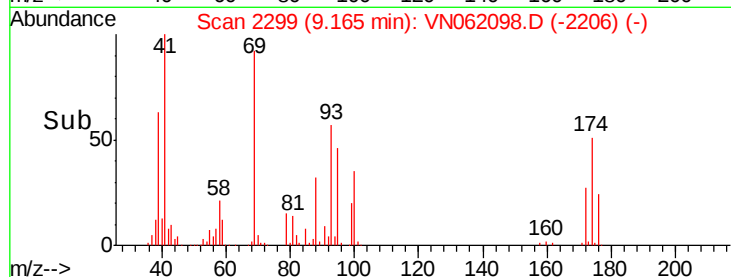
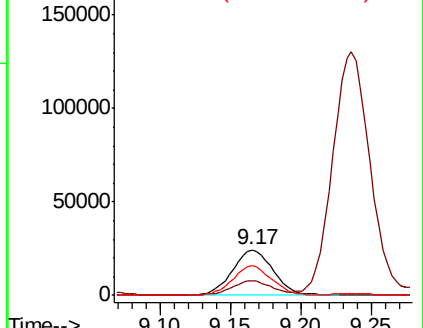
58 62.4 49.2 73.8



Abundance Ion 88.00 (87.70 to 88.70): VN062098.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN062098.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN062098.D (-2285) (-)



#50

Toluene-d8

Concen: 50.372 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062098.D

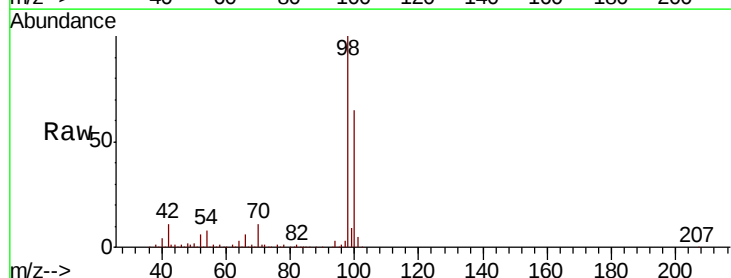
Acq: 25 Jun 2020 5:52

Tgt Ion: 98 Resp: 581581

Ion Ratio Lower Upper

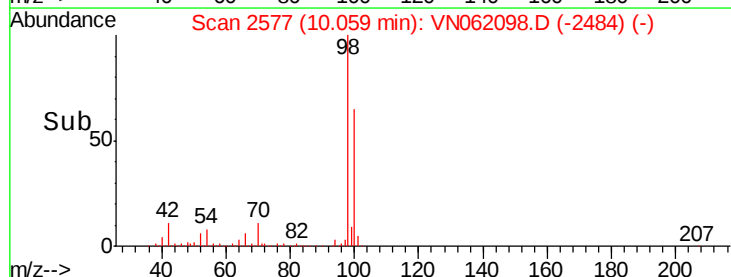
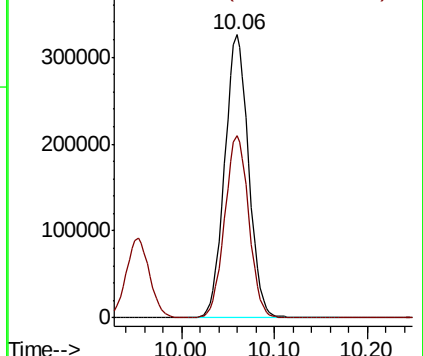
98 100

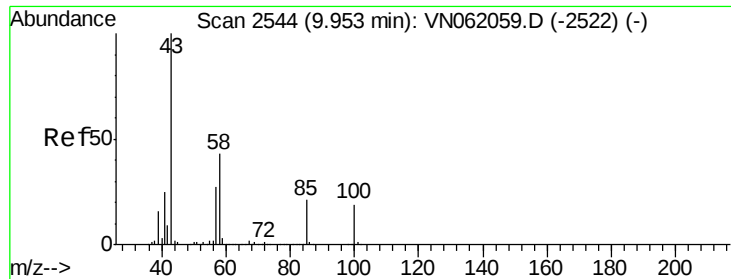
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062098.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062098.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 244.621 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

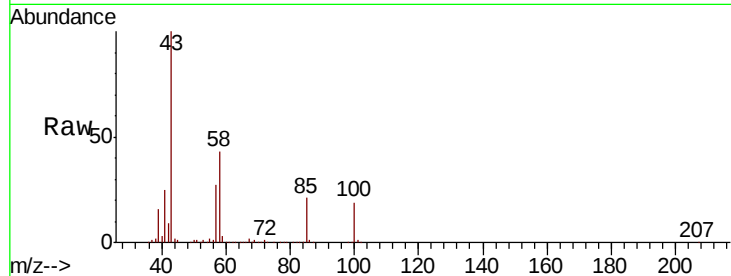
VSTDCCC050EC

Tot Ion: 43 Resp: 873047

Ion Ratio Lower Upper

43 100

58 42.9 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

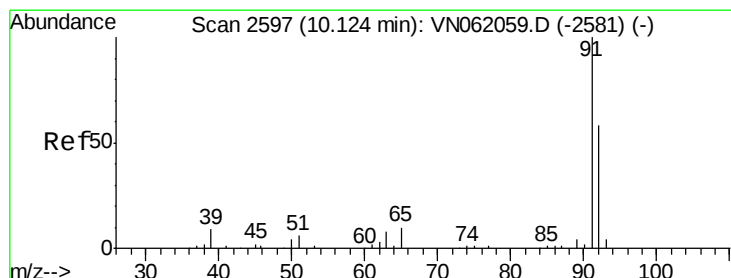
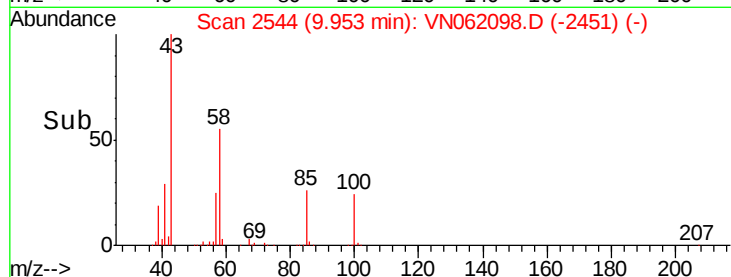
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 48.977 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062098.D

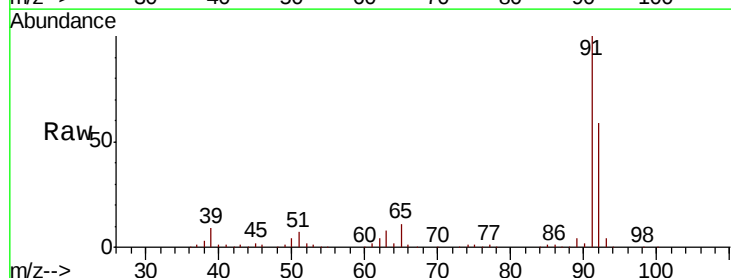
Acq: 25 Jun 2020 5:52

Tgt Ion: 92 Resp: 412186

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0



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

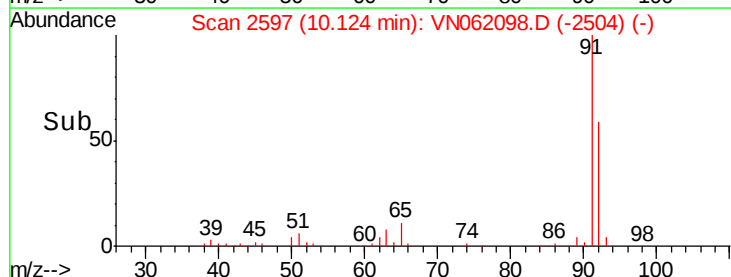
200000

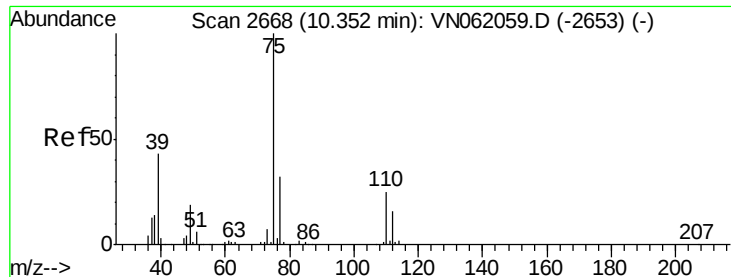
100000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.313 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

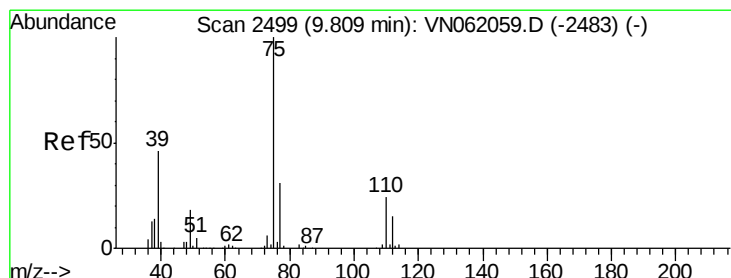
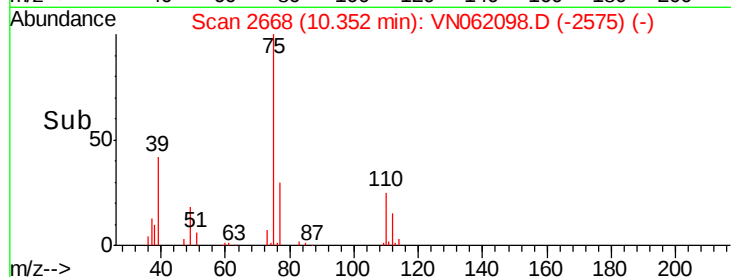
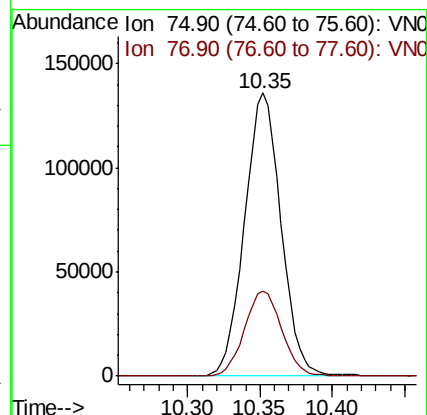
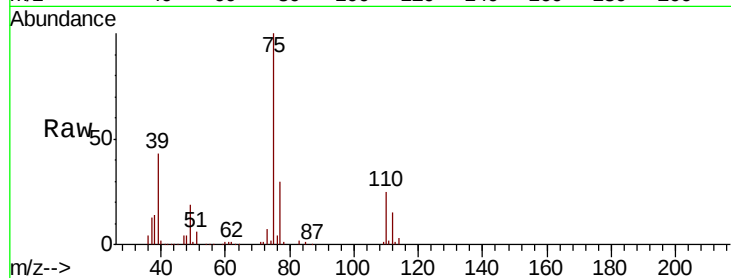
VSTDCCC050EC

Tot Ion: 75 Resp: 237357

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 46.987 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

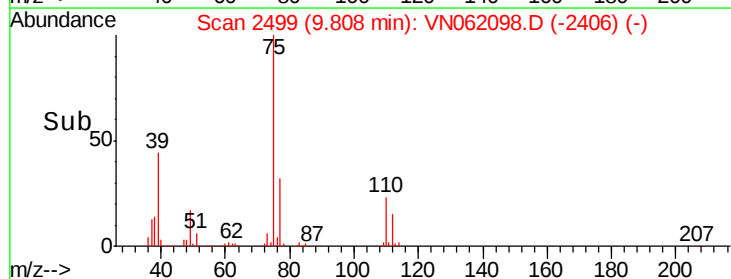
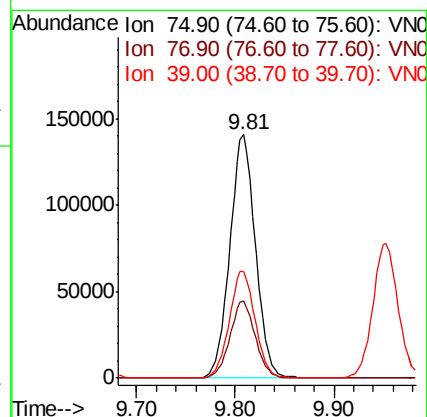
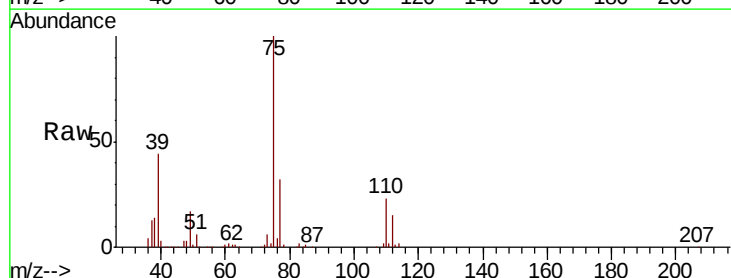
Tgt Ion: 75 Resp: 256381

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 43.6 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 48.844 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 161586

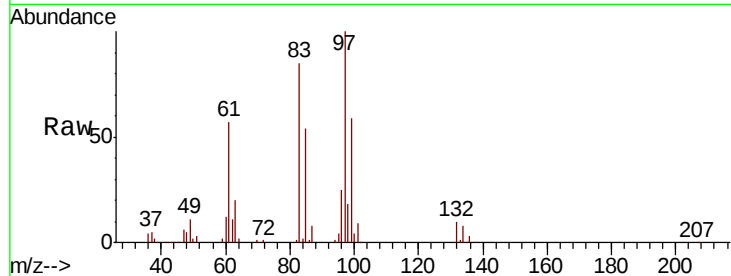
Ion Ratio Lower Upper

97 100

83 85.1 68.2 102.2

85 54.1 43.2 64.8

99 59.1 48.5 72.7

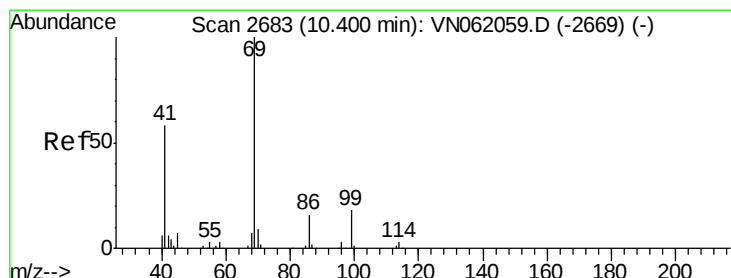
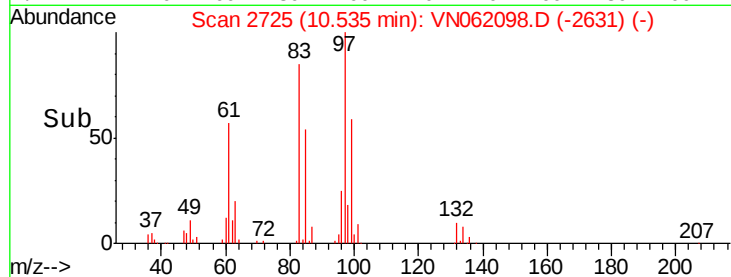
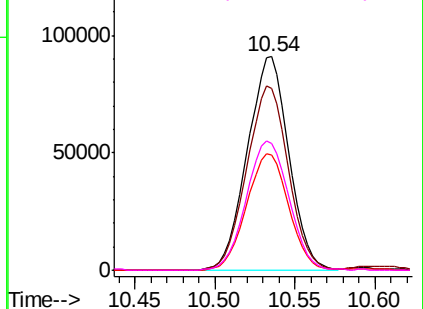


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.593 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

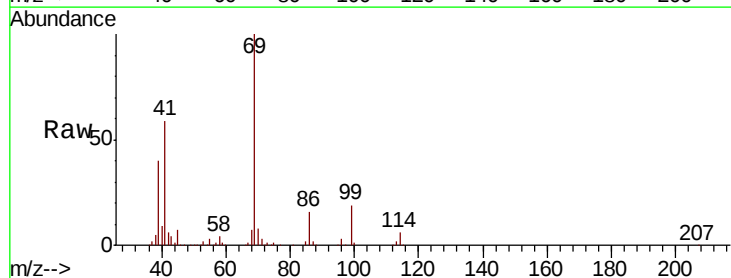
Tgt Ion: 69 Resp: 227778

Ion Ratio Lower Upper

69 100

41 58.6 46.6 70.0

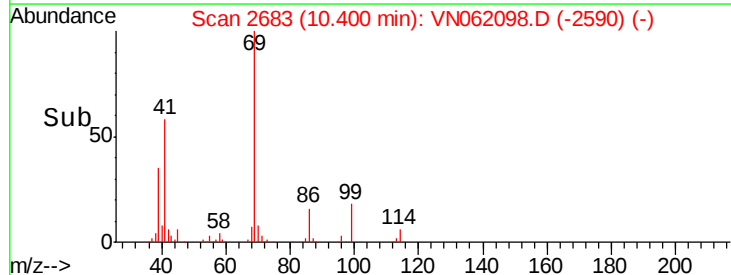
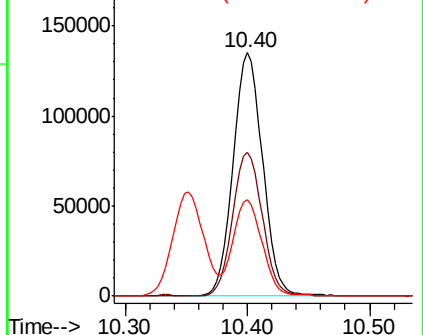
39 38.5 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

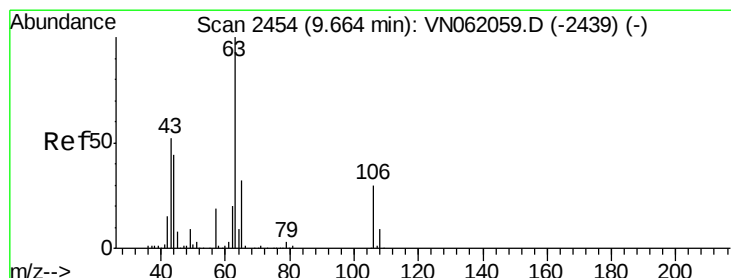
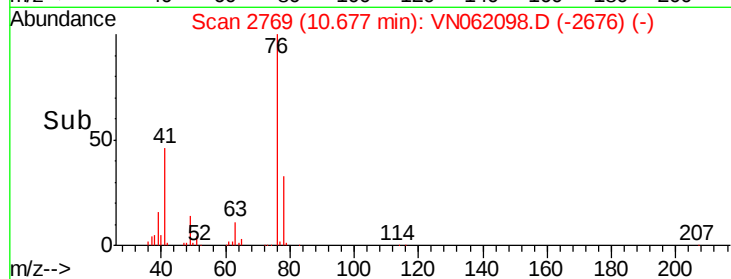
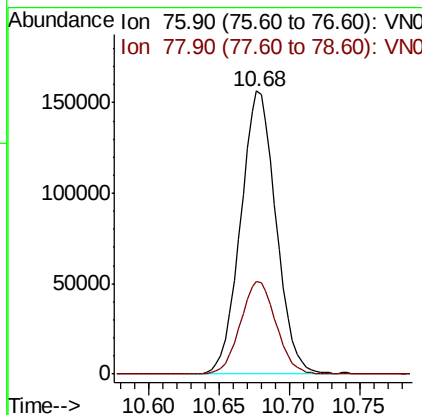
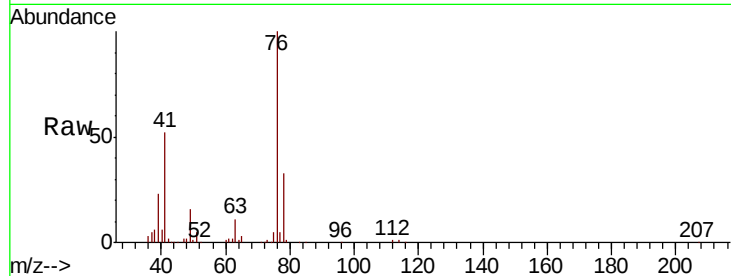




#57
 1,3-Dichloropropane
 Concen: 48.305 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

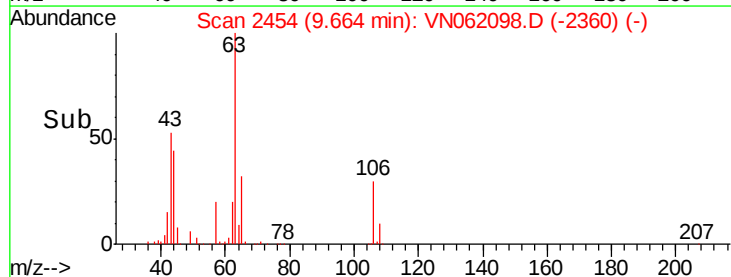
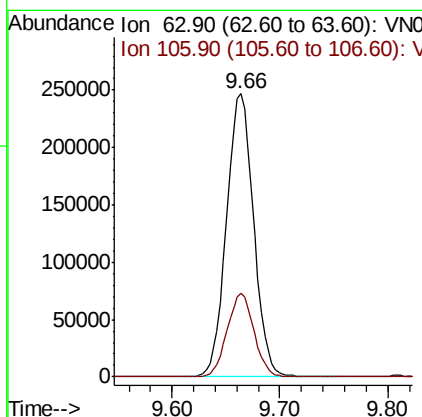
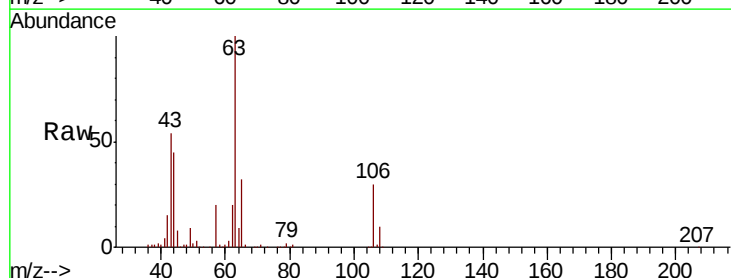
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

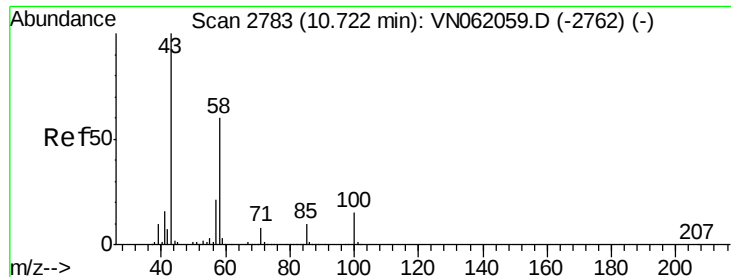
Tot Ion: 76 Resp: 275060
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.879 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 63 Resp: 433510
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8

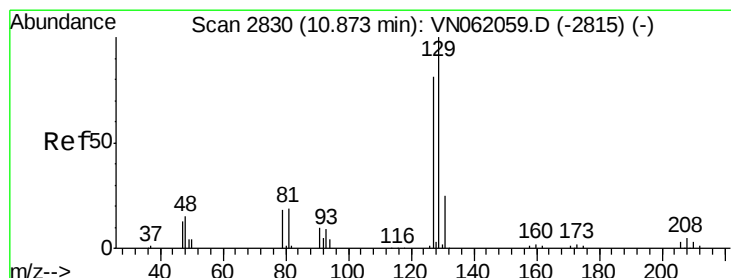
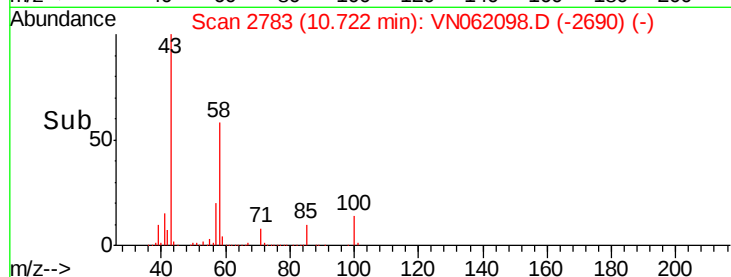
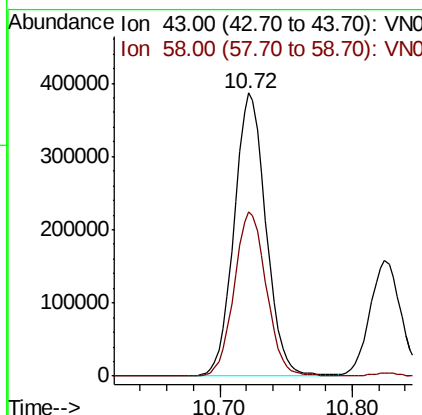
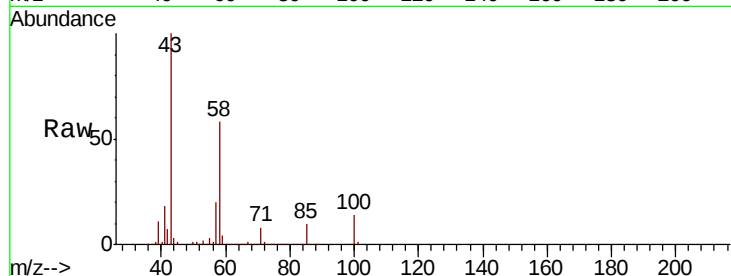




#59
2-Hexanone
Concen: 249.058 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

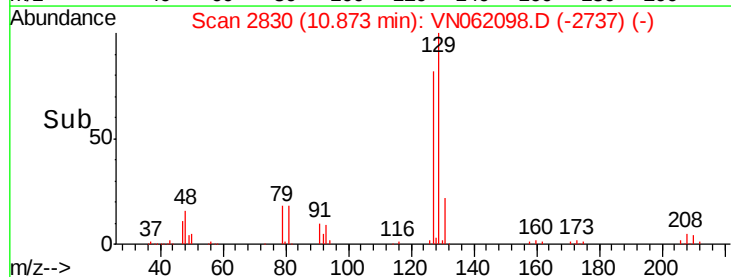
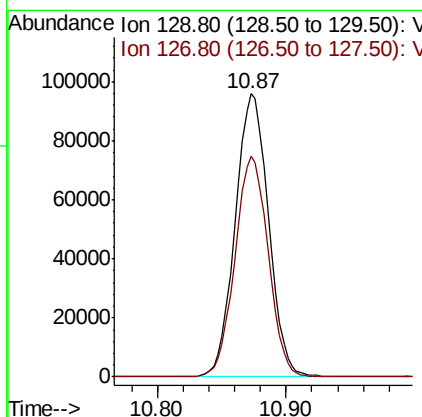
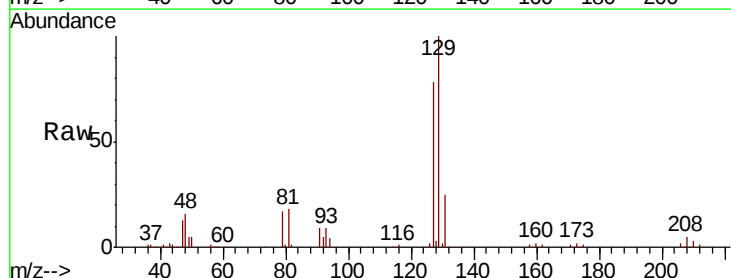
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

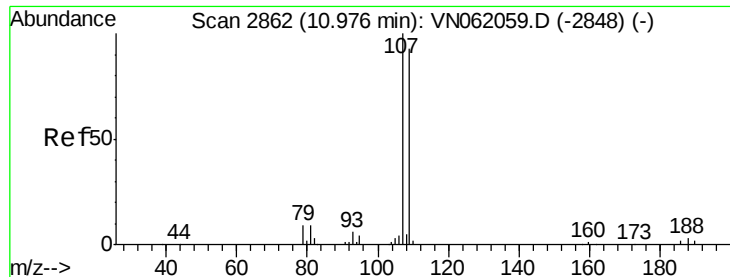
Tot Ion: 43 Resp: 641859
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 49.168 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 129 Resp: 172206
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.5

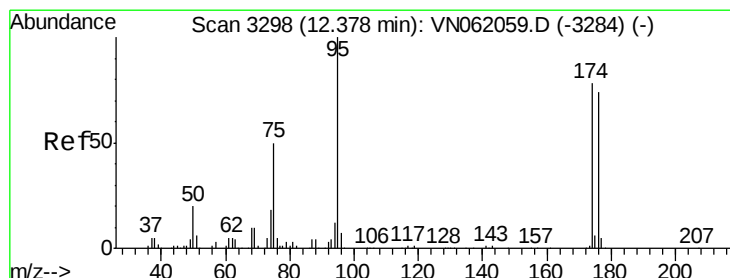
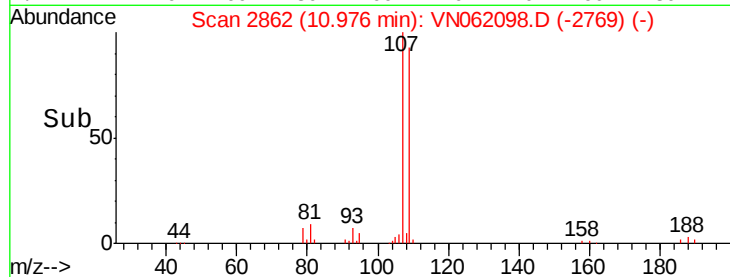
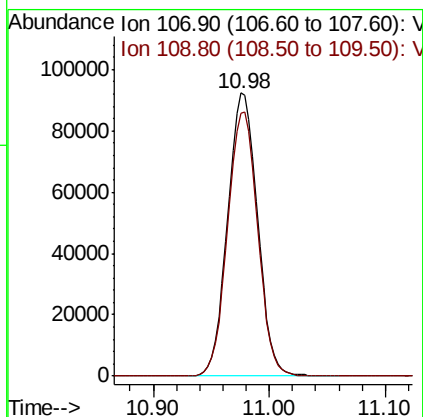
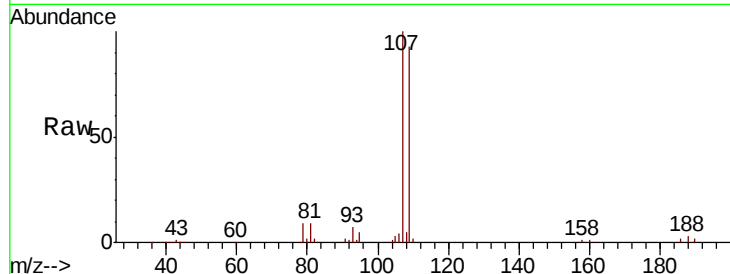




#61
 1,2-Dibromoethane
 Concen: 48.257 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

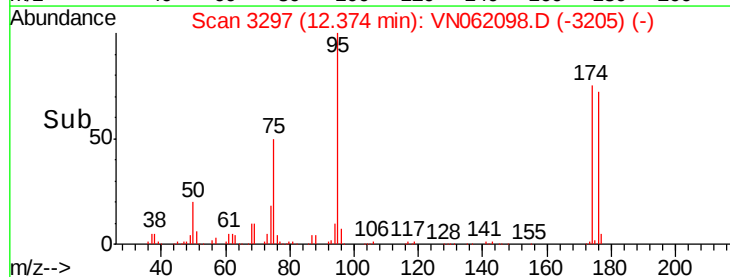
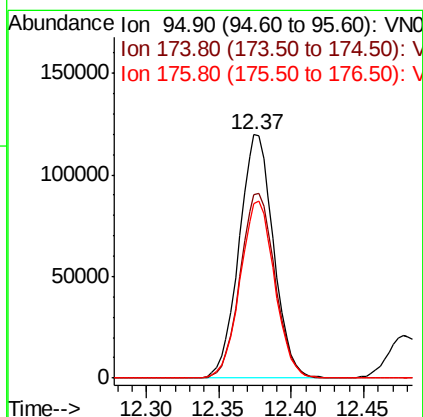
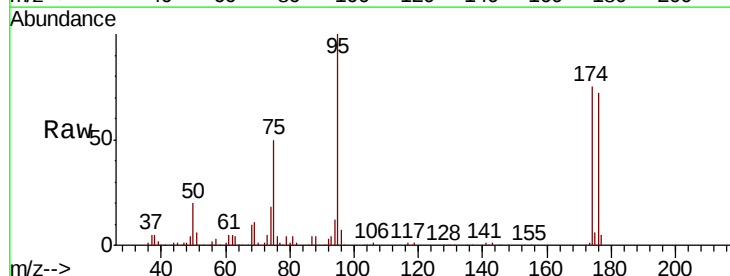
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

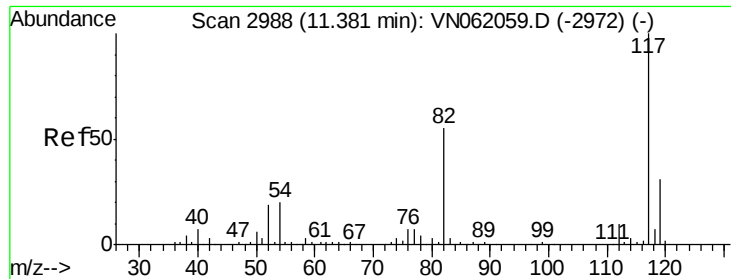
Tot Ion:107 Resp: 164035
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.677 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 95 Resp: 197679
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 154.8
 176 73.0 0.0 147.4

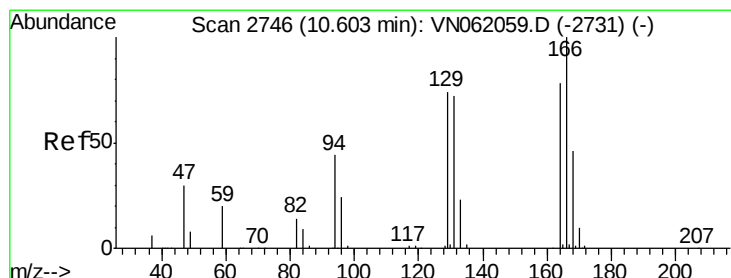
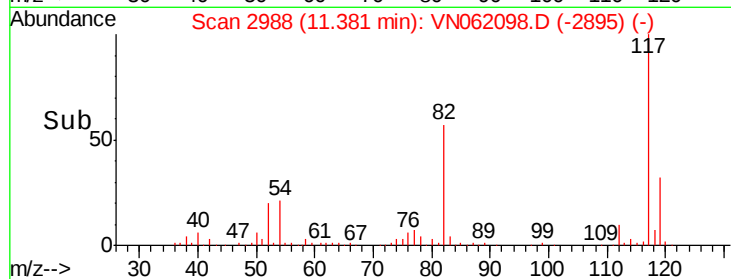
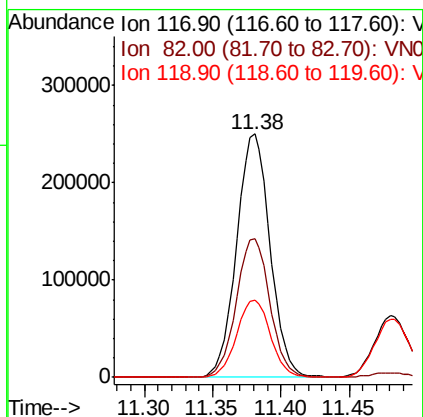
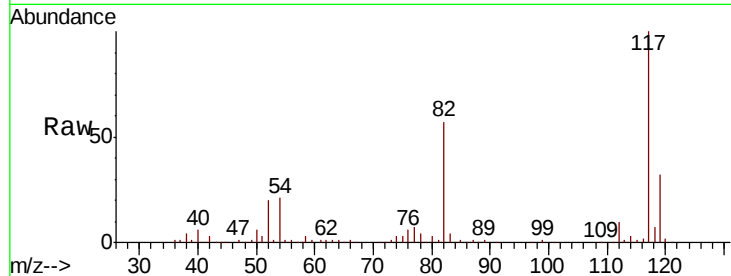




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

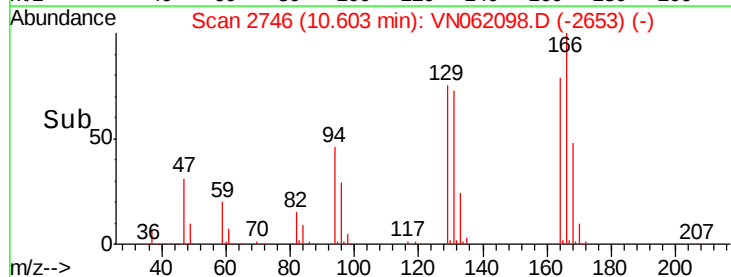
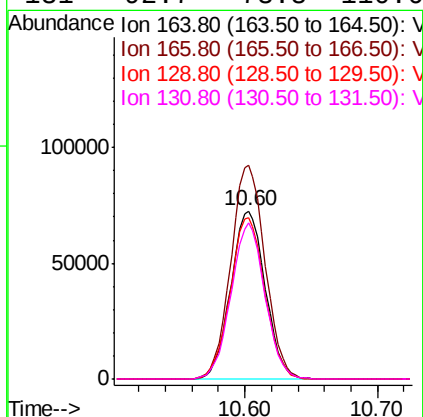
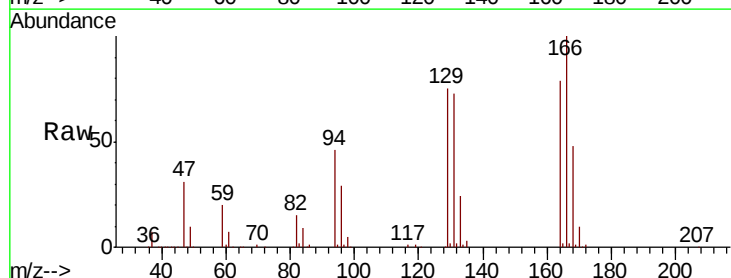
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

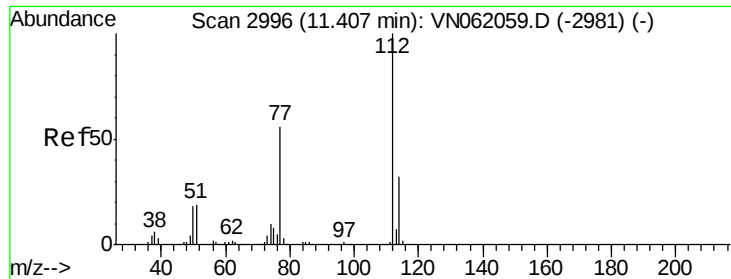
Tot Ion:117 Resp: 426324
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 44.775 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion:164 Resp: 130392
Ion Ratio Lower Upper
164 100
166 126.9 102.9 154.3
129 95.6 75.8 113.8
131 92.7 73.8 110.6

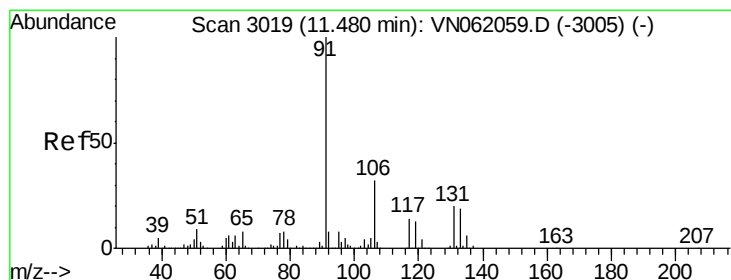
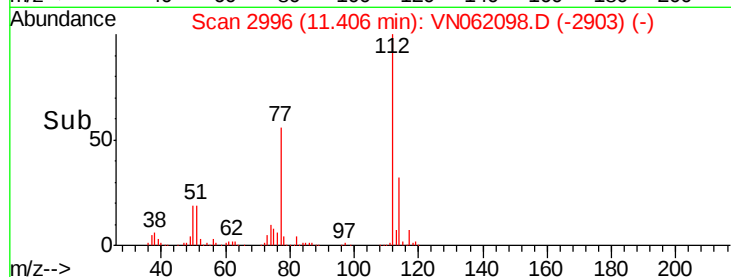
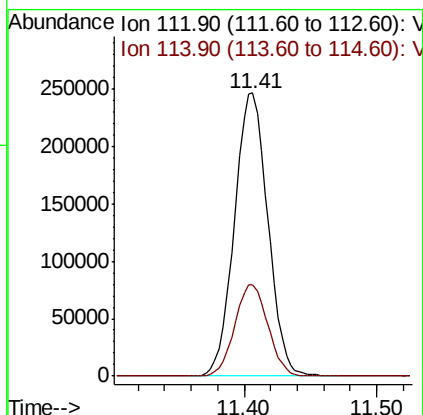
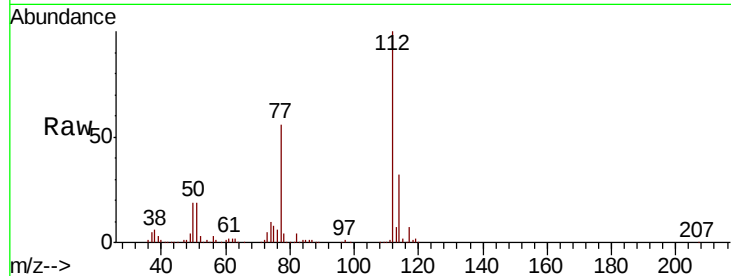




#65
Chlorobenzene
Concen: 46.027 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

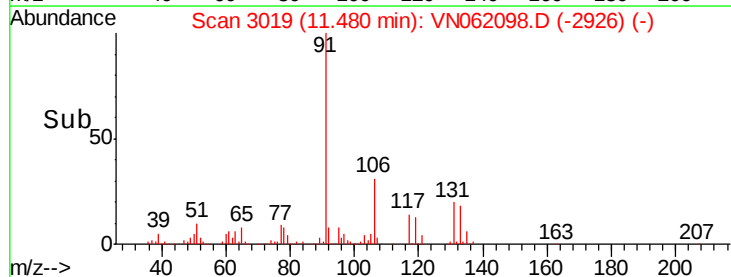
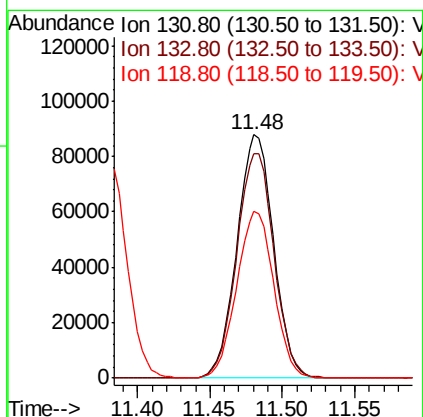
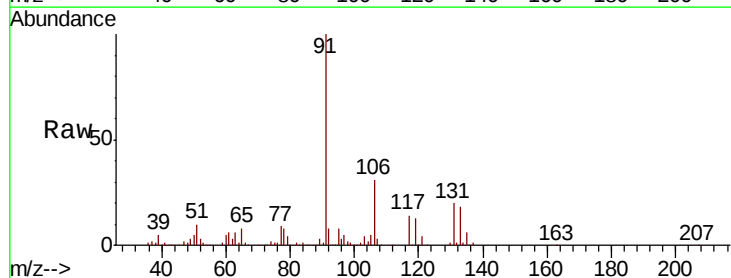
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

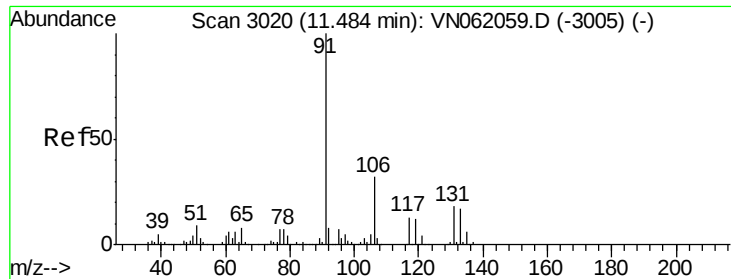
Tot Ion:112 Resp: 430914
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.561 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion:131 Resp: 153972
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 69.4 34.4 103.3

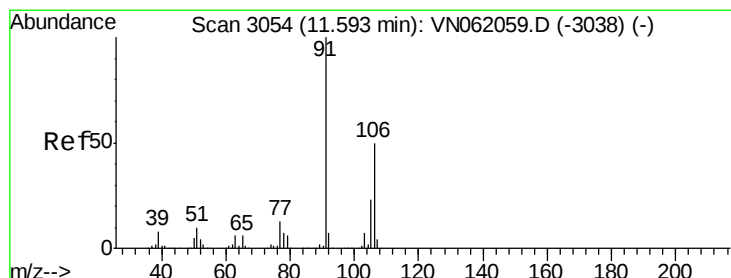
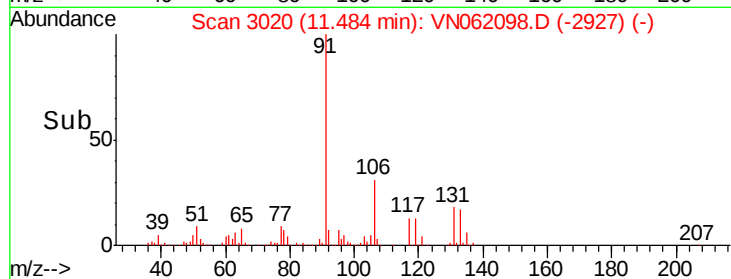
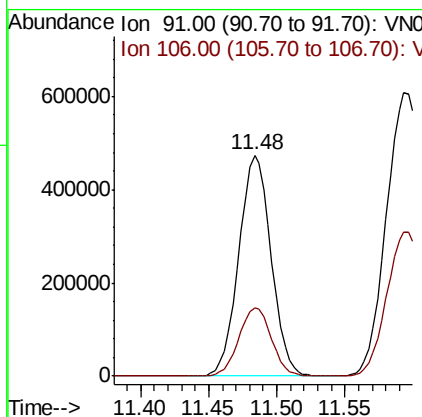
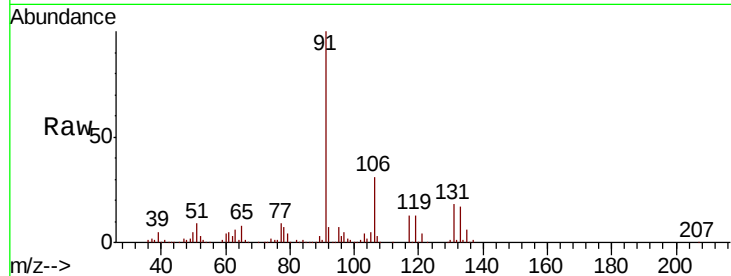




#67
Ethyl Benzene
Concen: 49.300 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

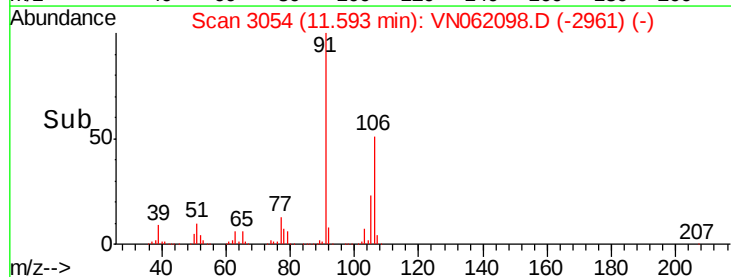
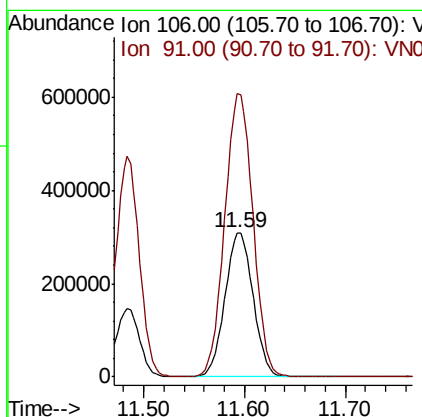
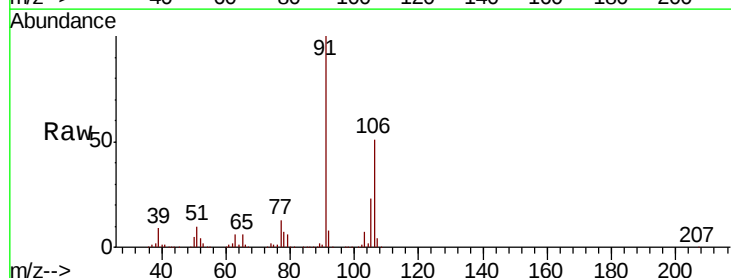
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

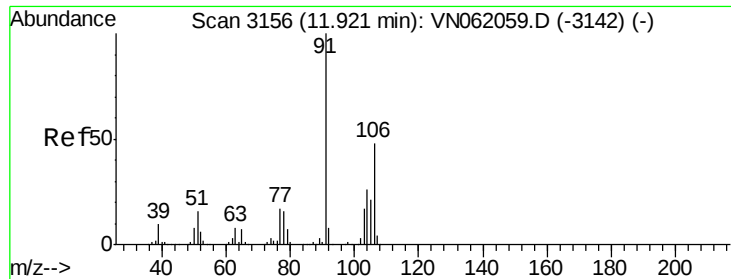
Tot Ion: 91 Resp: 779505
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 98.121 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 106 Resp: 600072
Ion Ratio Lower Upper
106 100
91 197.9 157.8 236.8

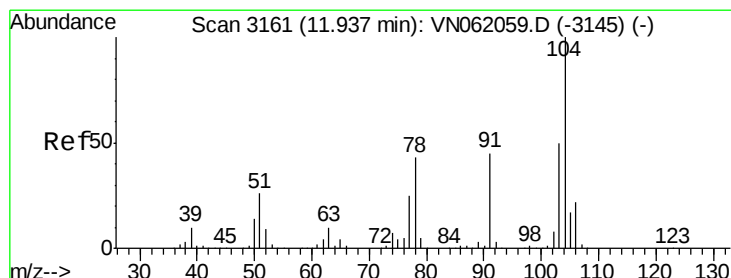
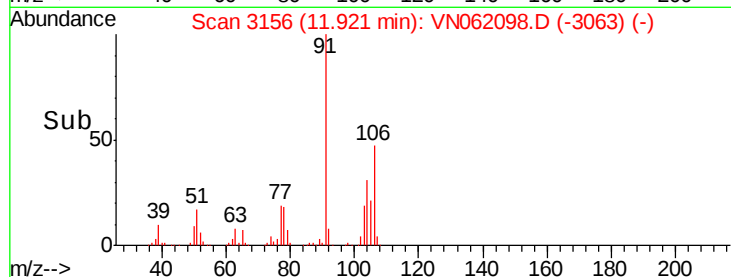
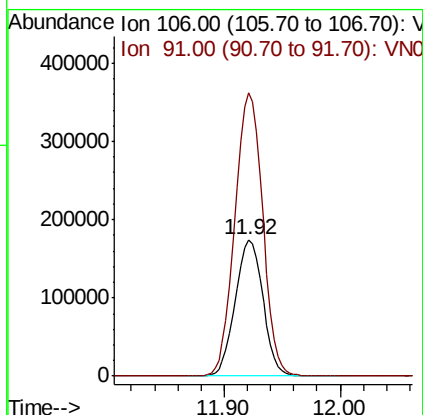
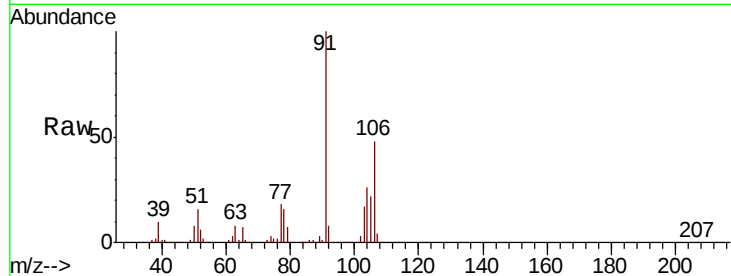




#69
o-Xylene
Concen: 49.943 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

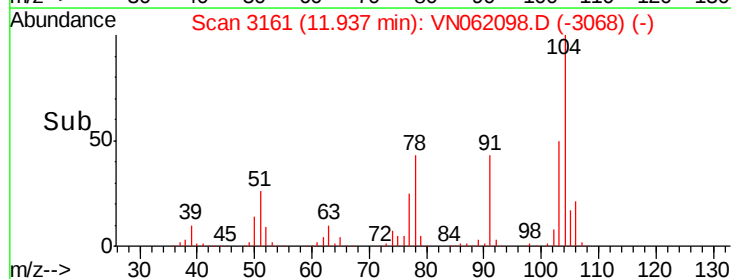
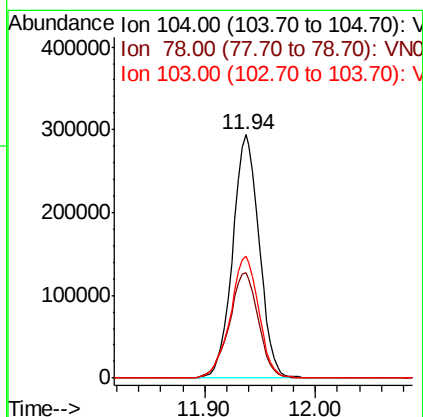
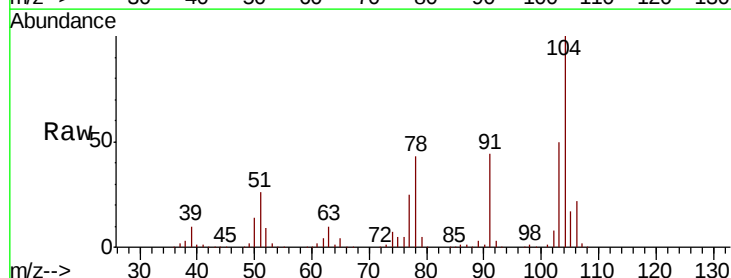
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

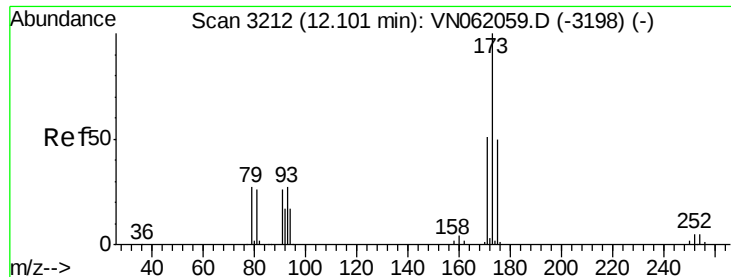
Tot Ion:106 Resp: 288182
Ion Ratio Lower Upper
106 100
91 208.8 104.0 311.9



#70
Styrene
Concen: 51.009 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion:104 Resp: 490864
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 53.9 43.0 64.6





#71

Bromoform

Concen: 49.268 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

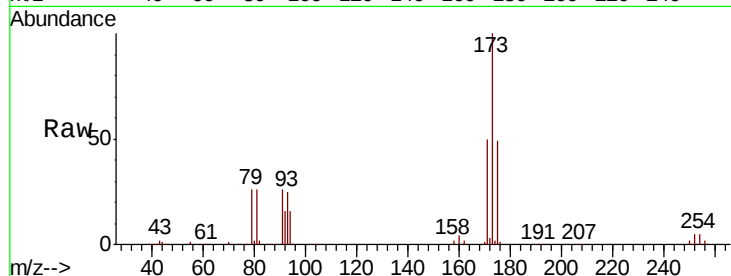
Tot Ion:173 Resp: 113403

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

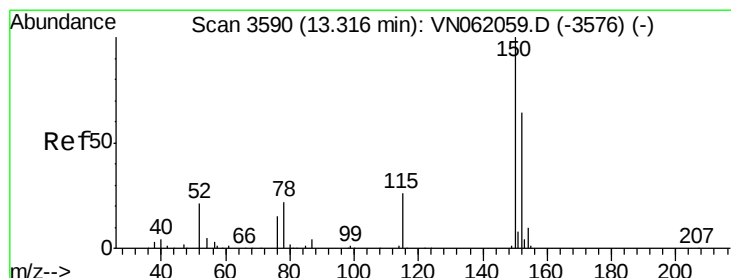
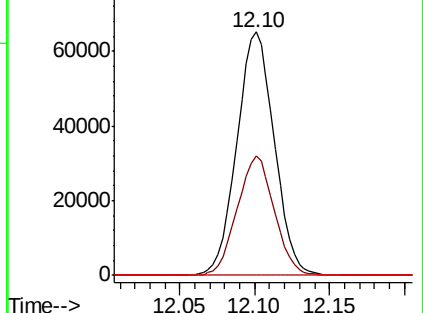
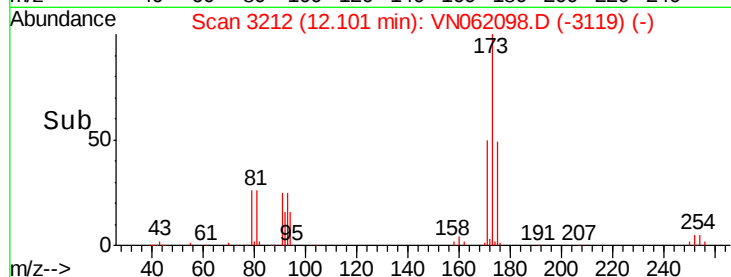
254 0.0 0.0 0.0



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: VN062098.D

Acq: 25 Jun 2020 5:52

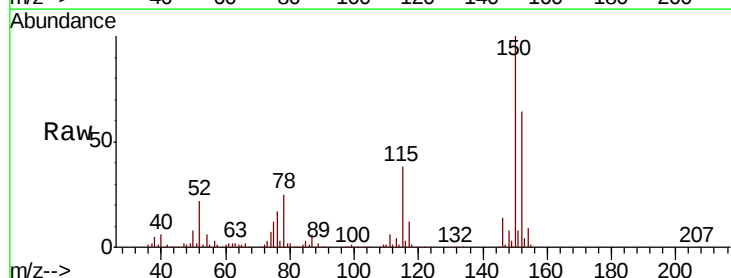
Tgt Ion:152 Resp: 204996

Ion Ratio Lower Upper

152 100

115 58.6 29.5 88.5

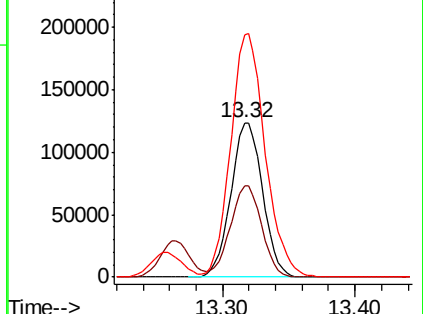
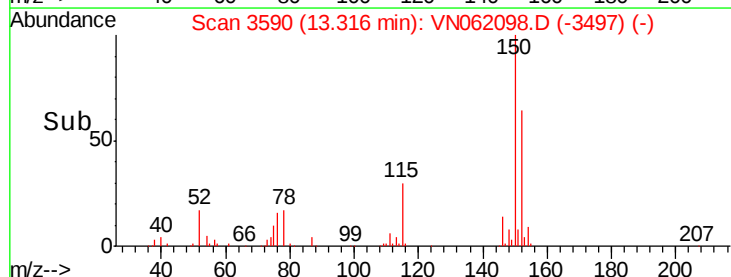
150 171.5 0.0 351.4



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

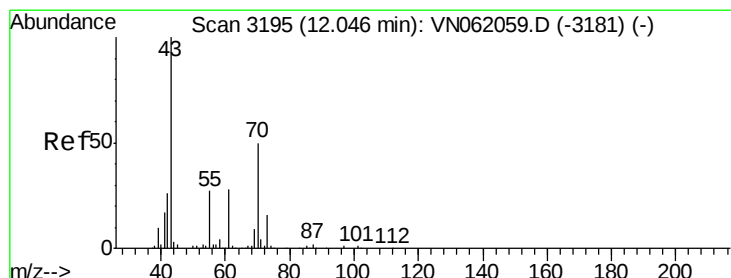
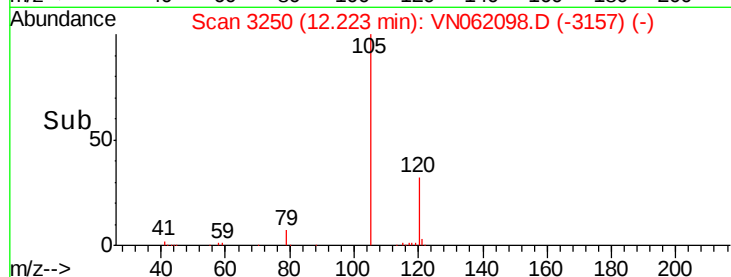
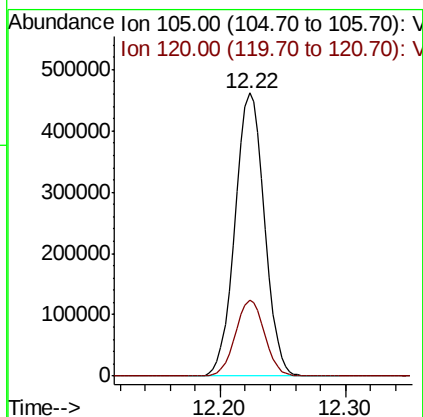
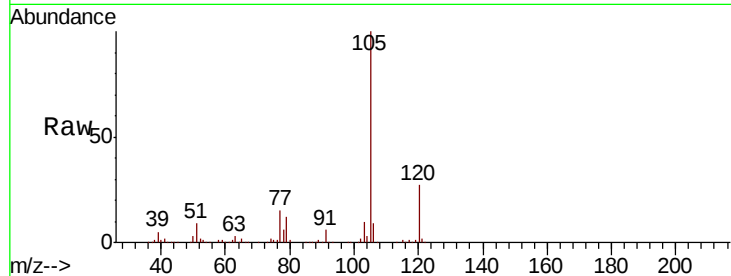




#73
Isopropylbenzene
Concen: 47.380 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

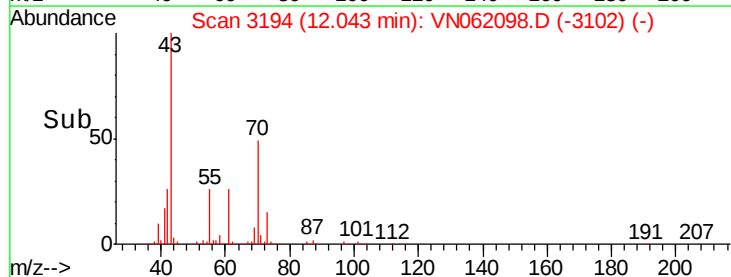
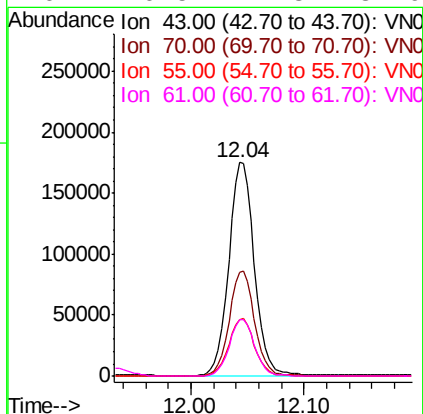
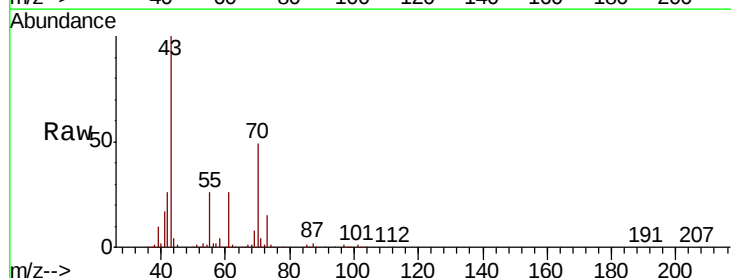
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

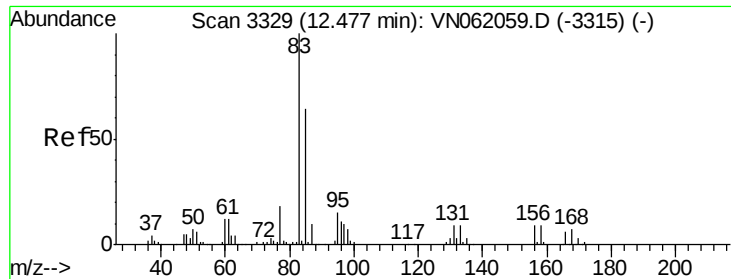
Tot Ion:105 Resp: 751844
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 47.128 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion: 43 Resp: 274087
Ion Ratio Lower Upper
43 100
70 48.8 39.4 59.2
55 27.1 21.7 32.5
61 26.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.191 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

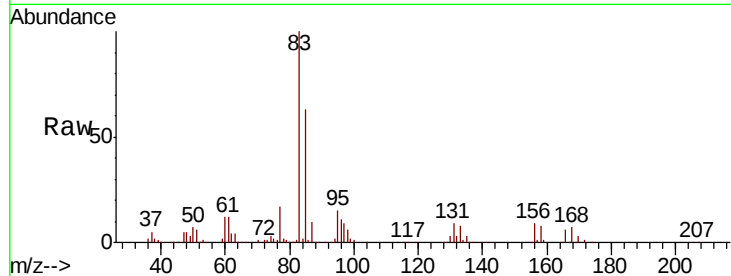
Tot Ion: 83 Resp: 238634

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

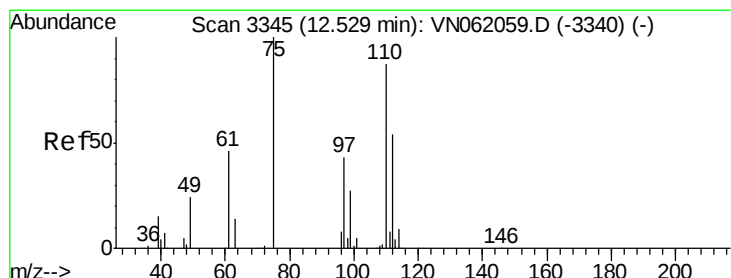
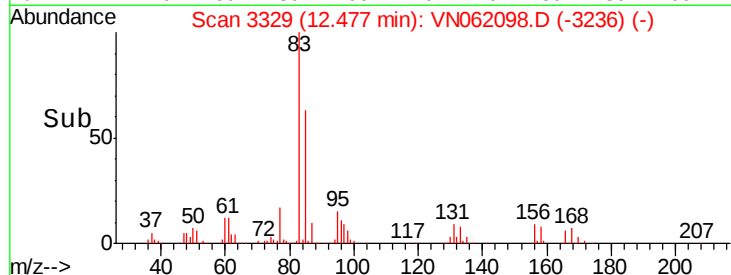
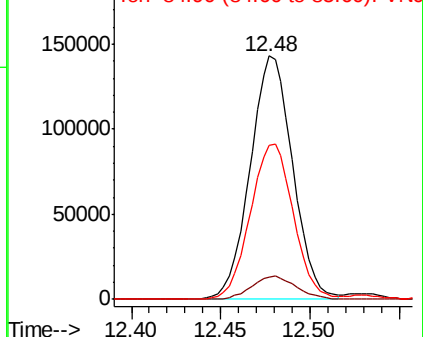
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062098.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062098.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062098.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 60.596 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062098.D

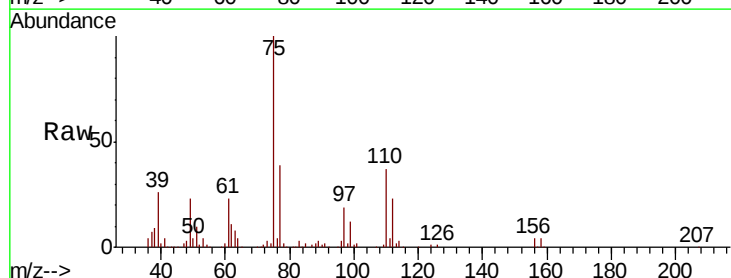
Acq: 25 Jun 2020 5:52

Tgt Ion: 75 Resp: 292423

Ion Ratio Lower Upper

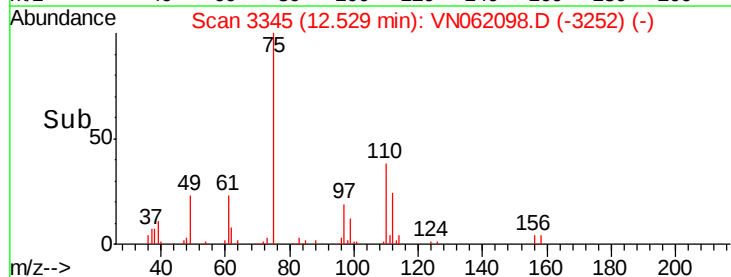
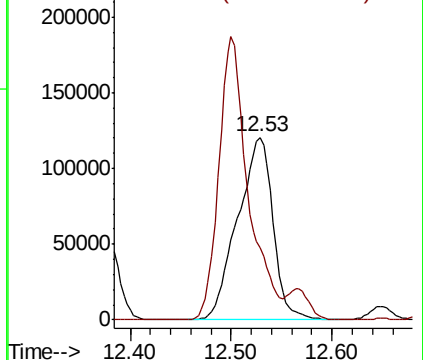
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062098.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062098.D (-3252) (-)





#77

Bromobenzene

Concen: 45.237 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

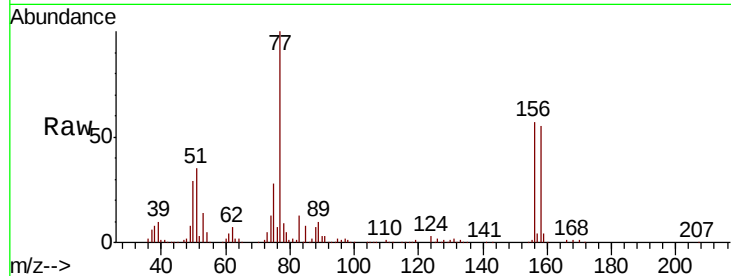
Tot Ion:156 Resp: 178216

Ion Ratio Lower Upper

156 100

77 213.1 104.6 313.8

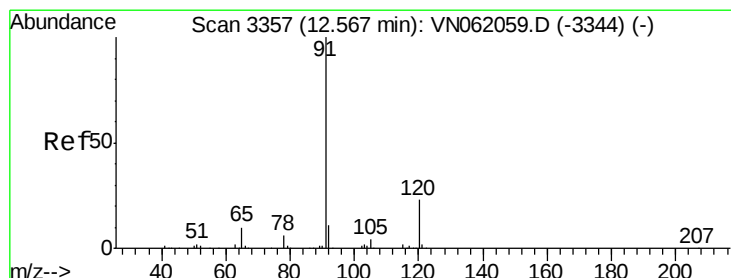
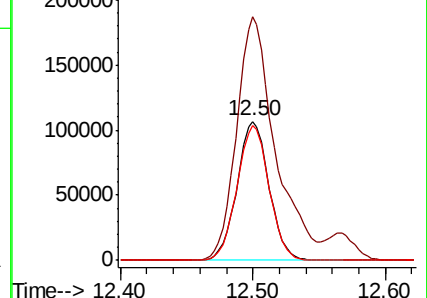
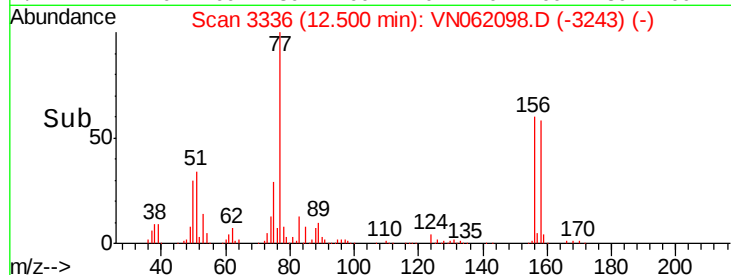
158 97.4 48.0 144.0



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: 47.471 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062098.D

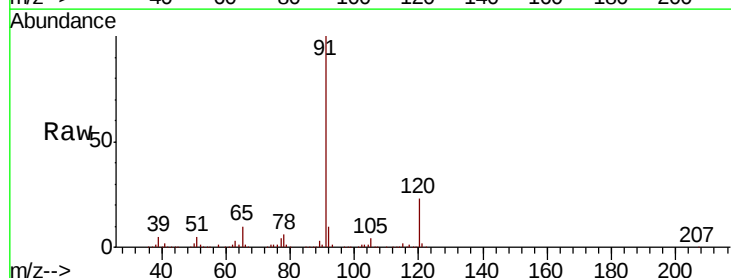
Acq: 25 Jun 2020 5:52

Tgt Ion: 91 Resp: 861653

Ion Ratio Lower Upper

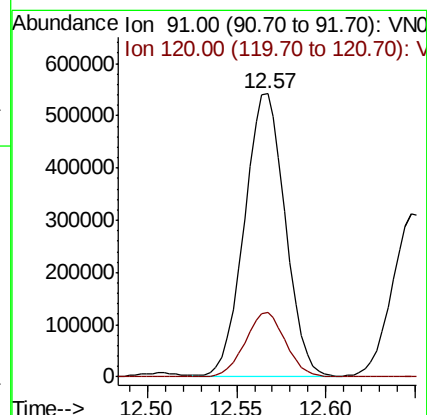
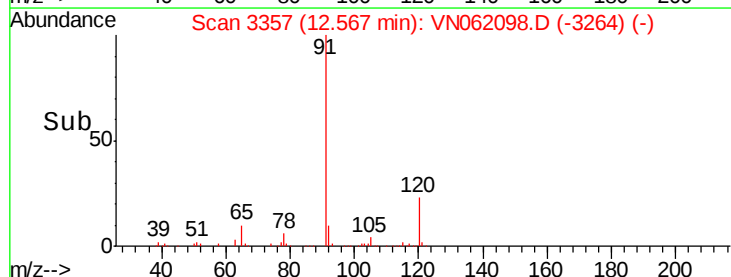
91 100

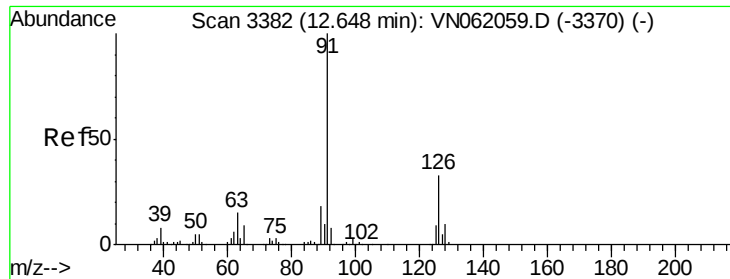
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.565 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

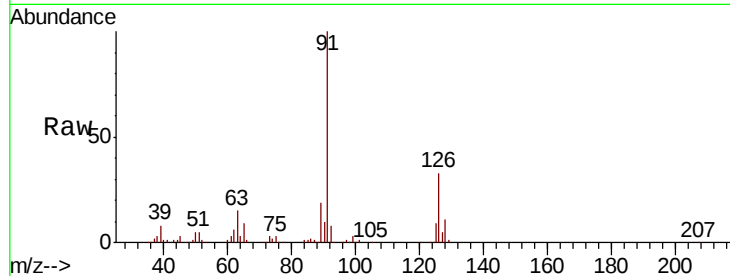
VSTDCCC050EC

Tot Ion: 91 Resp: 510968

Ion Ratio Lower Upper

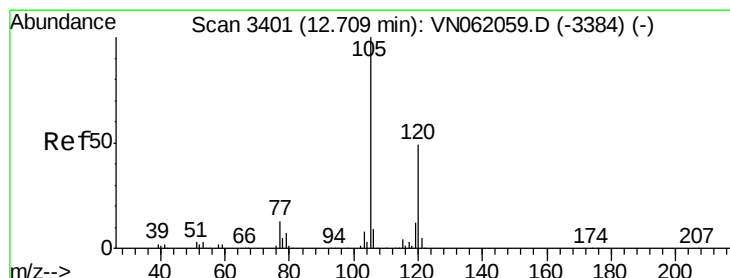
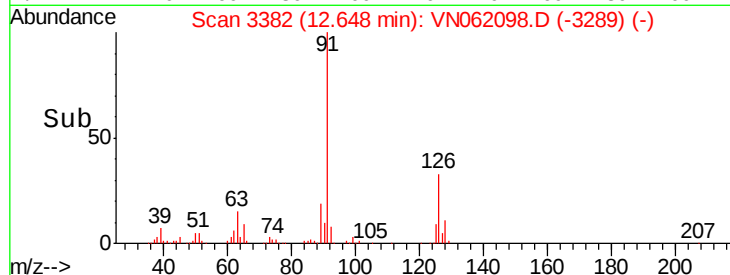
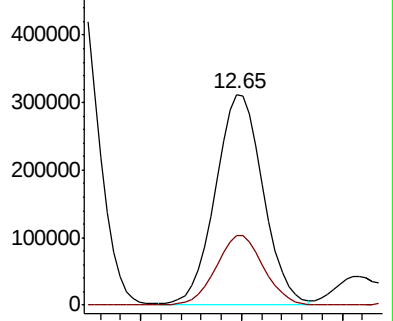
91 100

126 33.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.394 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062098.D

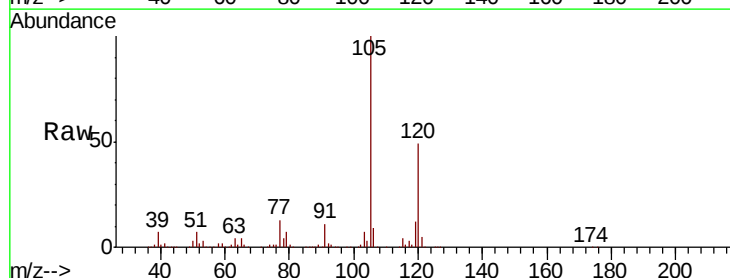
Acq: 25 Jun 2020 5:52

Tgt Ion: 105 Resp: 622524

Ion Ratio Lower Upper

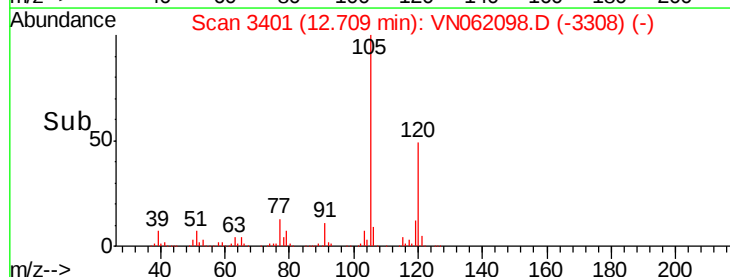
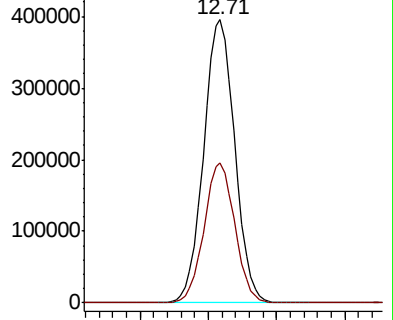
105 100

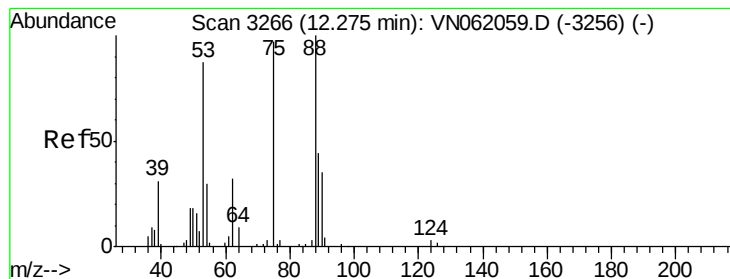
120 48.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.896 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

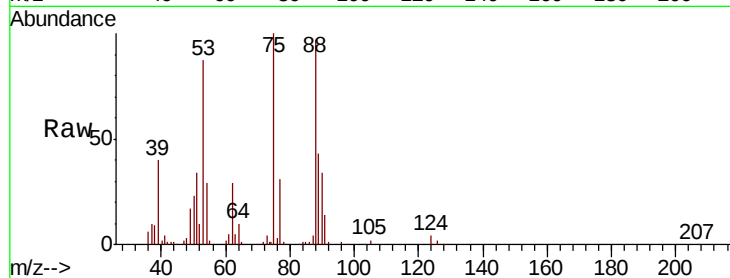
Tot Ion: 75 Resp: 70884

Ion Ratio Lower Upper

75 100

53 88.0 72.0 108.0

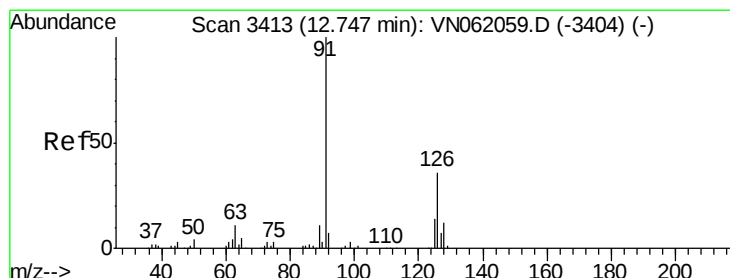
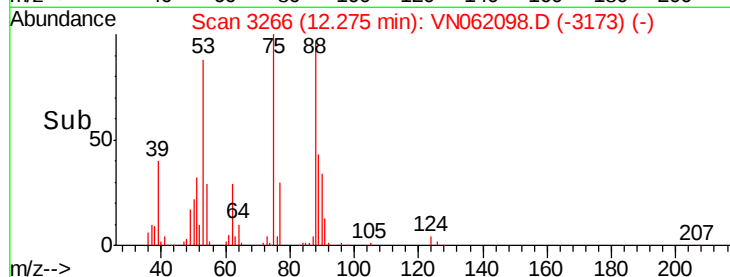
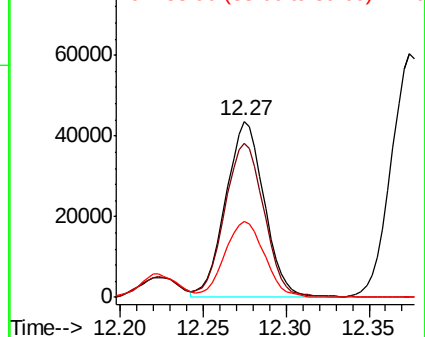
89 44.3 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062098.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062098.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062098.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 47.007 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062098.D

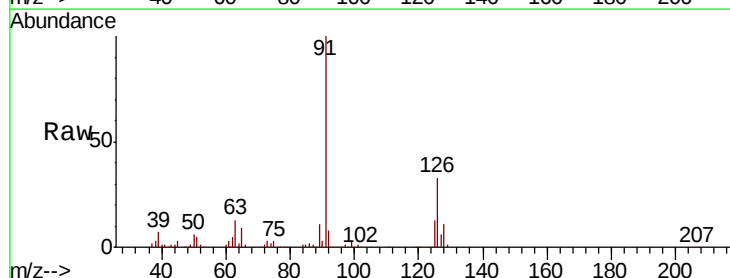
Acq: 25 Jun 2020 5:52

Tgt Ion: 91 Resp: 533404

Ion Ratio Lower Upper

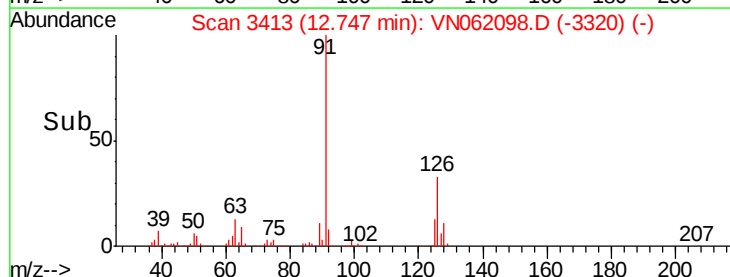
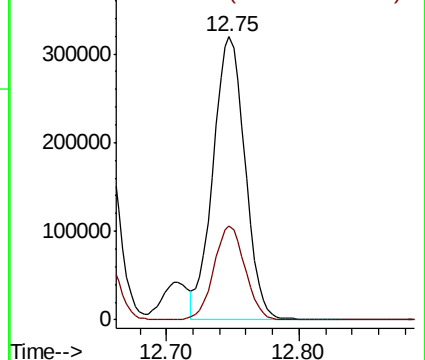
91 100

126 32.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062098.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062098.D (-3320) (-)

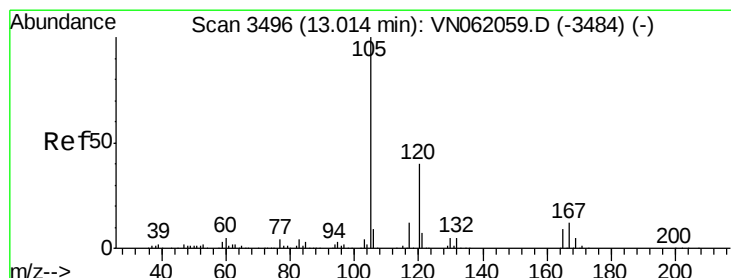
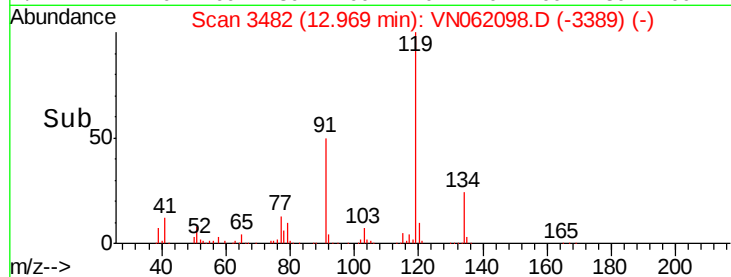
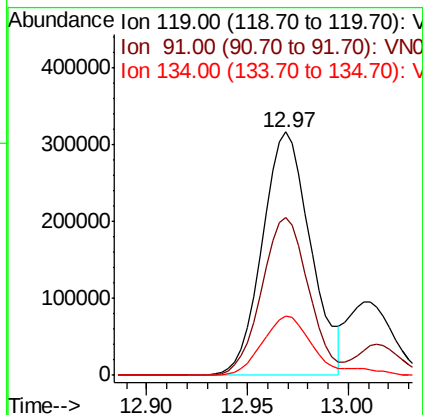
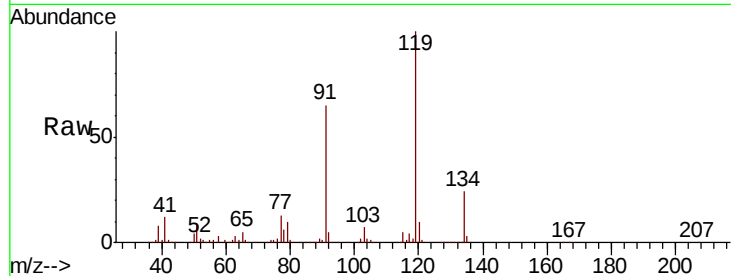




#83
 tert-Butylbenzene
 Concen: 47.829 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

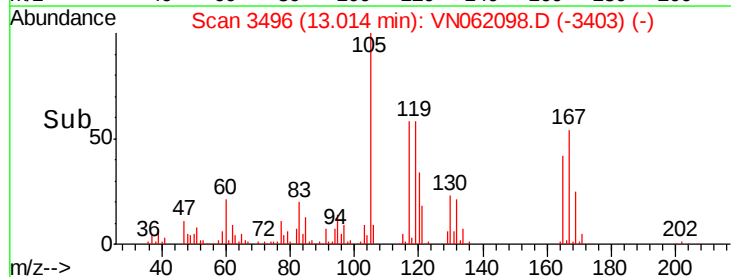
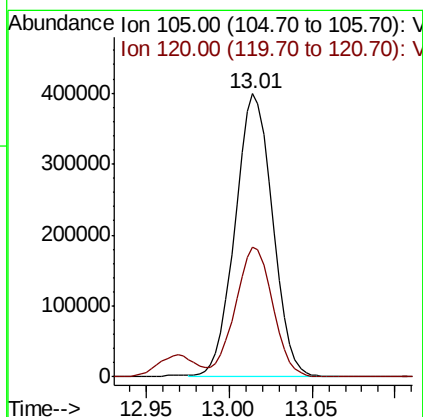
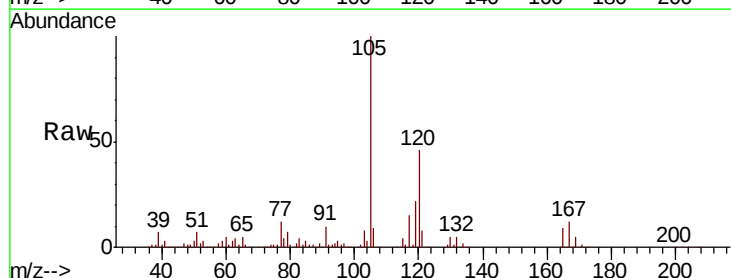
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

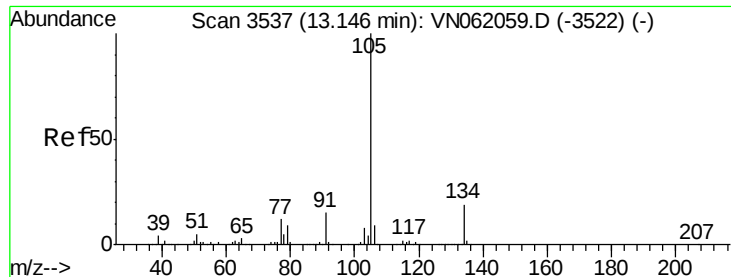
Tot Ion:119 Resp: 526547
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.7 95.1
 134 26.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.653 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion:105 Resp: 625077
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5

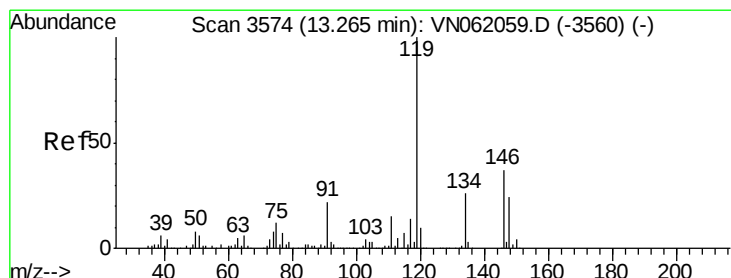
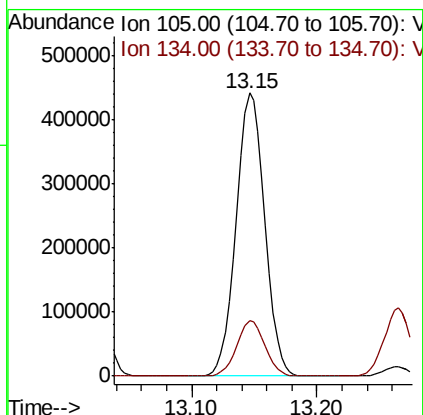
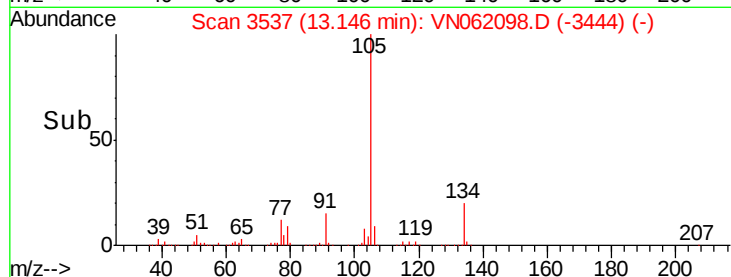
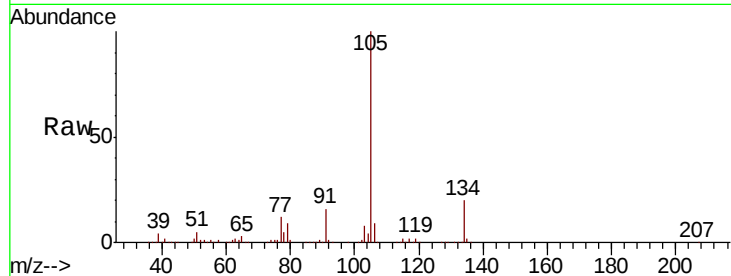




#85
 sec-Butylbenzene
 Concen: 47.890 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

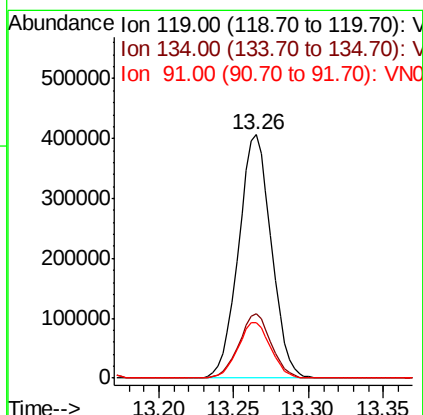
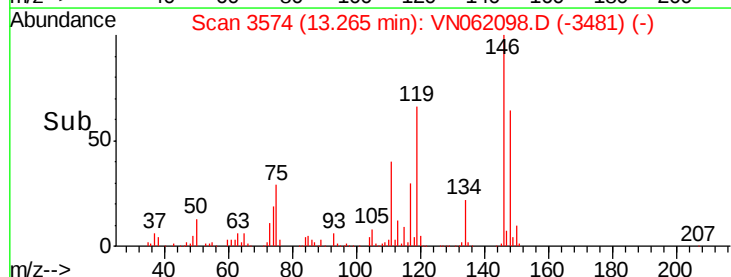
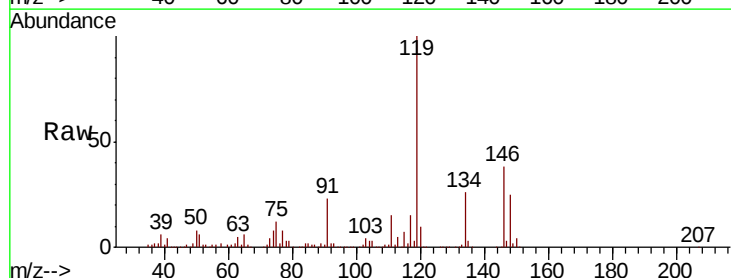
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 696652
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.526 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion:119 Resp: 618456
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 22.9 11.3 33.8

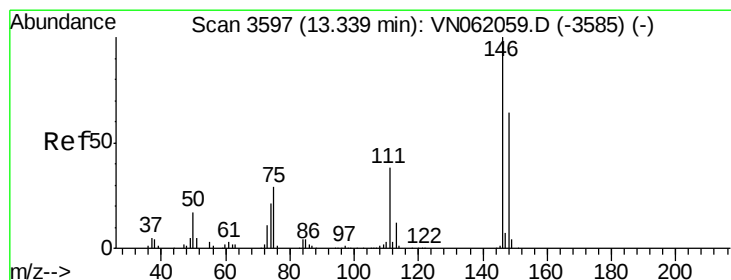
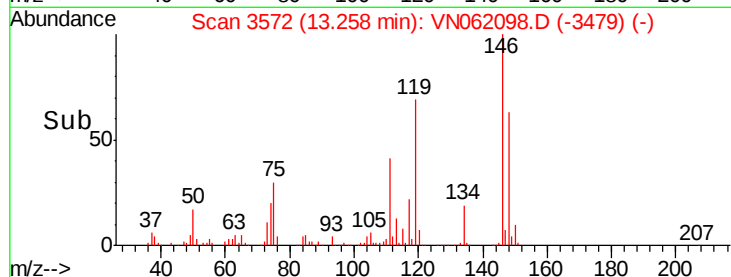
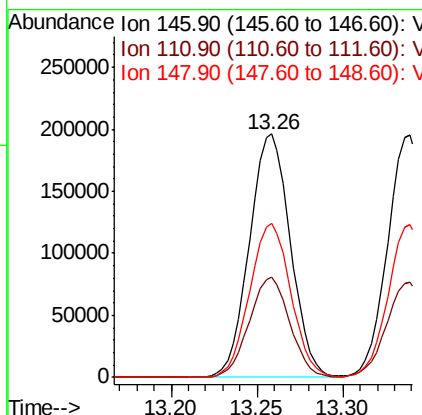
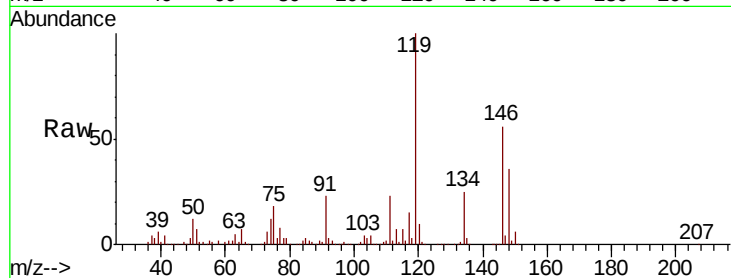




#87
 1,3-Dichlorobenzene
 Concen: 46.931 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

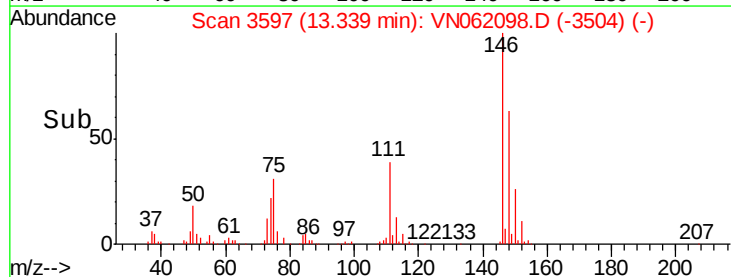
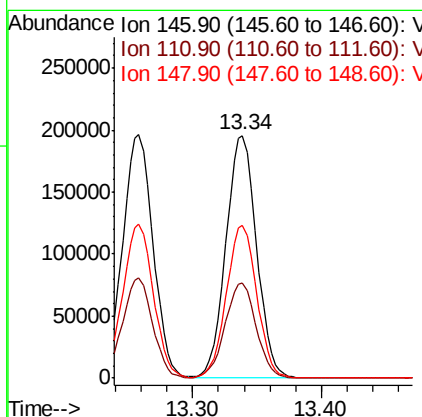
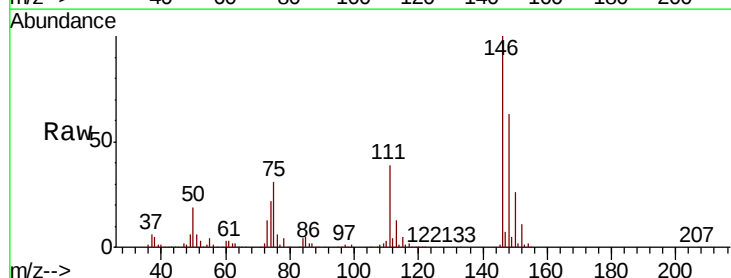
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

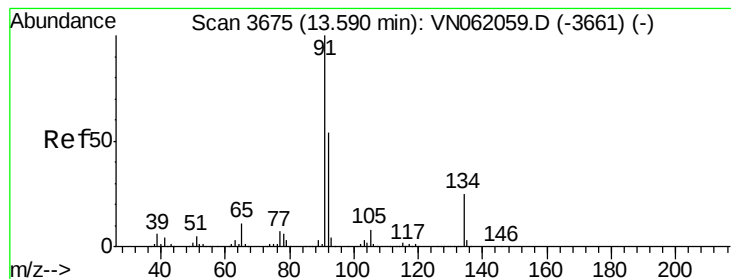
Tot Ion:146 Resp: 324663
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.048 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion:146 Resp: 321240
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.6
 148 62.3 31.9 95.9





#89

n-Butylbenzene

Concen: 48.128 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062098.D

Acq: 25 Jun 2020 5:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

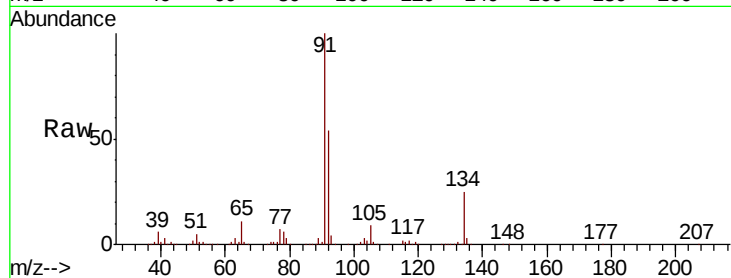
Tot Ion: 91 Resp: 509949

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

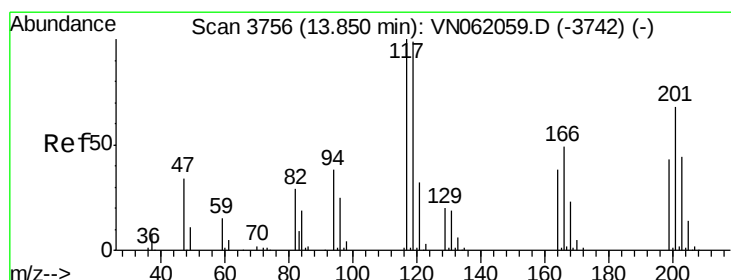
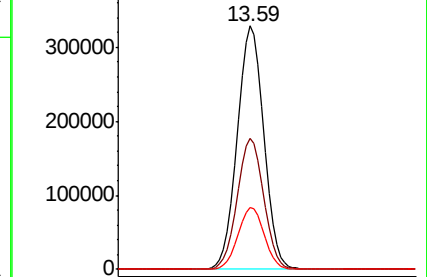
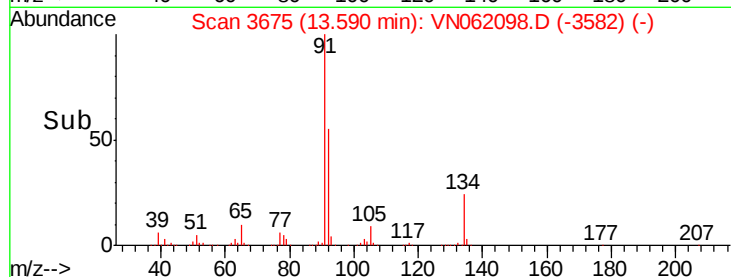
134 25.3 12.3 36.9



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: 47.191 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062098.D

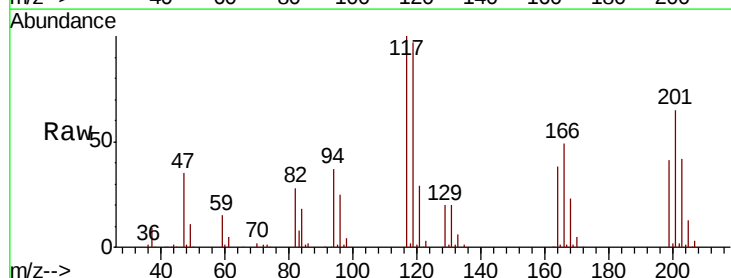
Acq: 25 Jun 2020 5:52

Tgt Ion: 117 Resp: 118001

Ion Ratio Lower Upper

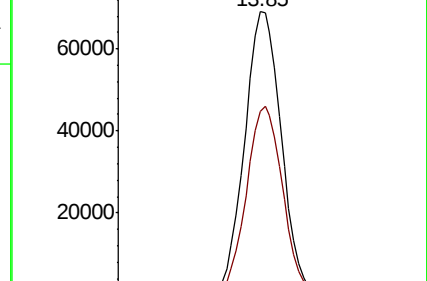
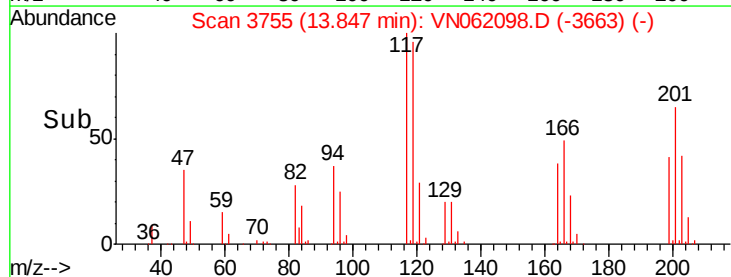
117 100

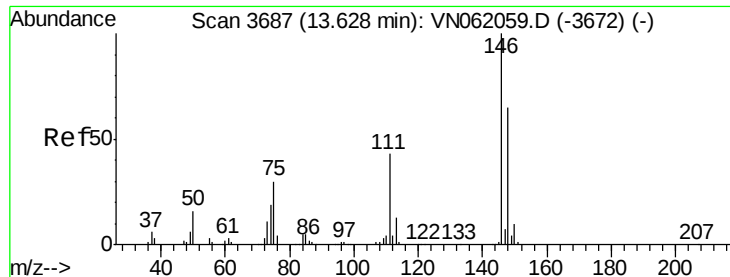
201 65.8 32.7 98.1



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

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

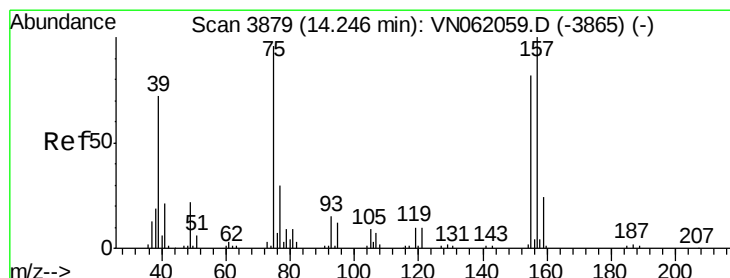
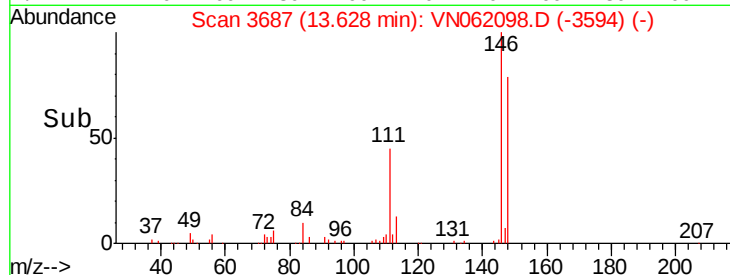
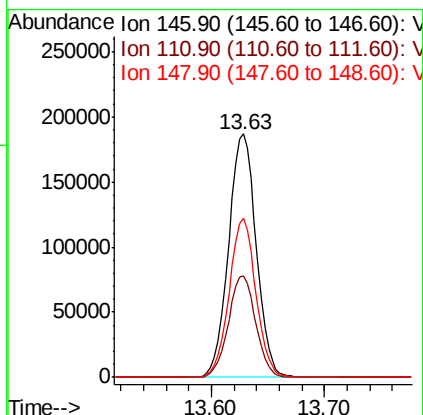
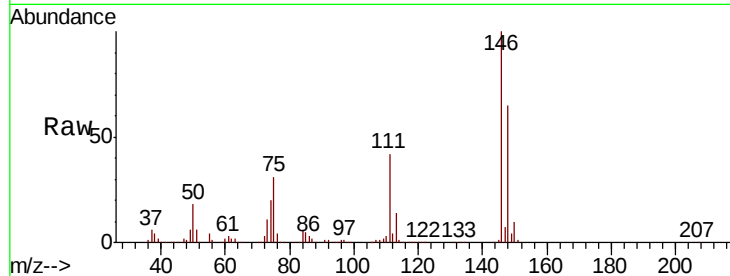




#91
 1,2-Dichlorobenzene
 Concen: 47.375 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

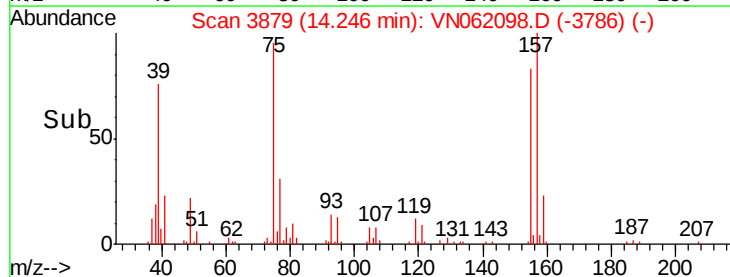
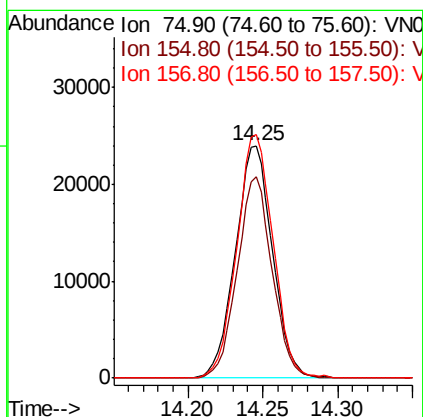
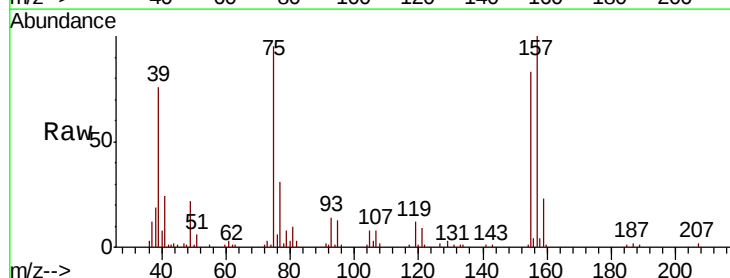
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

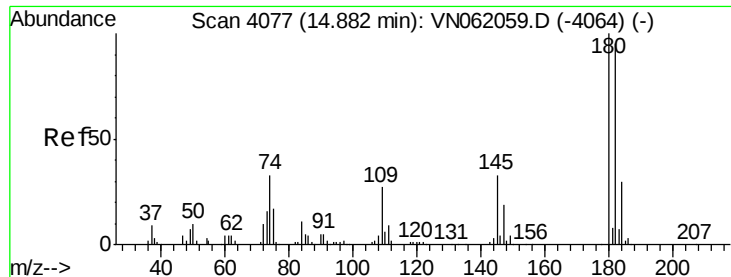
Tot Ion:146 Resp: 317807
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.939 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion: 75 Resp: 41399
 Ion Ratio Lower Upper
 75 100
 155 81.4 40.8 122.4
 157 102.7 51.4 154.3

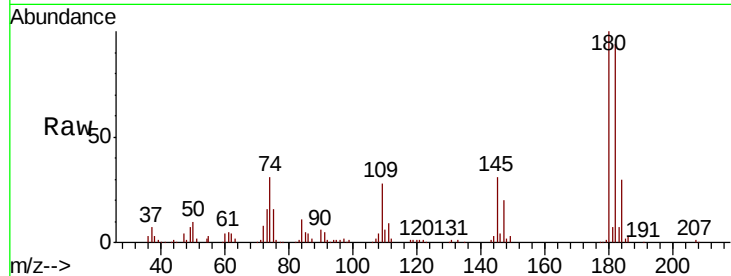




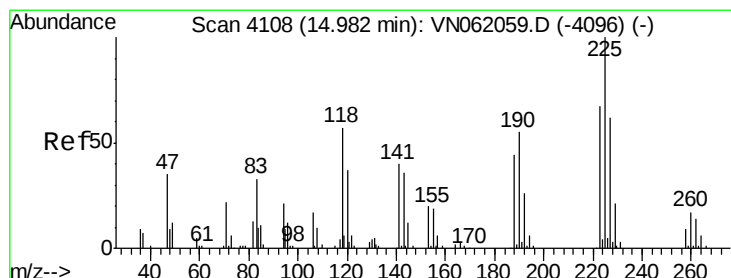
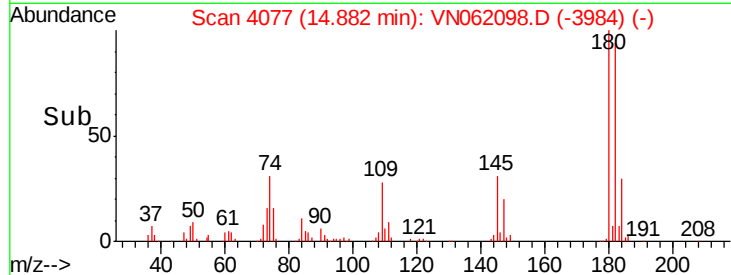
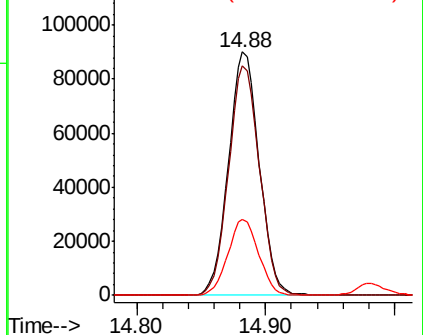
#93
 1,2,4-Trichlorobenzene
 Concen: 50.752 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 148732
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.0 144.2
 145 31.2 16.0 48.0

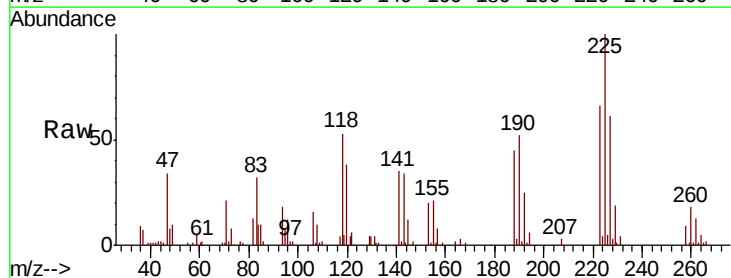


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

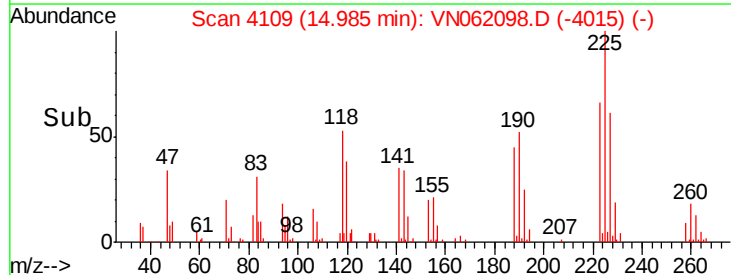
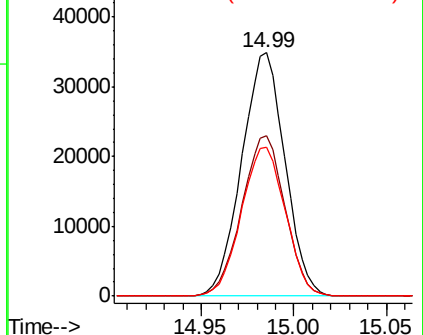


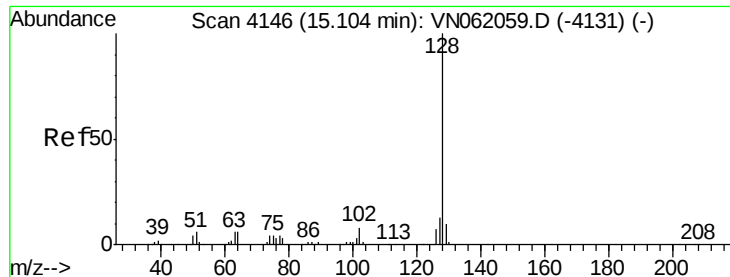
#94
 Hexachlorobutadiene
 Concen: 44.457 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062098.D
 Acq: 25 Jun 2020 5:52

Tgt Ion:225 Resp: 56586
 Ion Ratio Lower Upper
 225 100
 223 65.5 32.9 98.7
 227 62.4 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

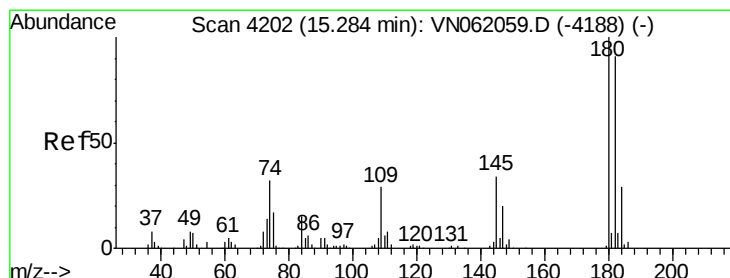
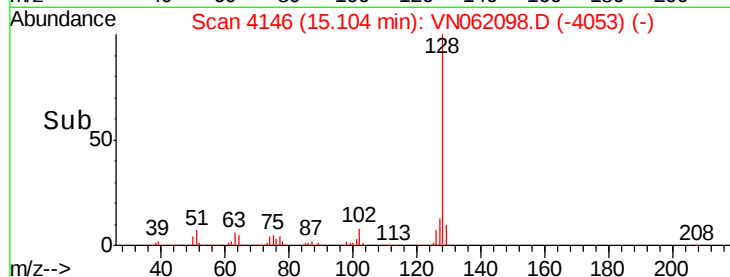
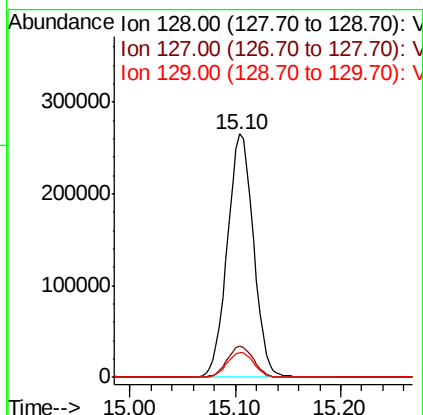
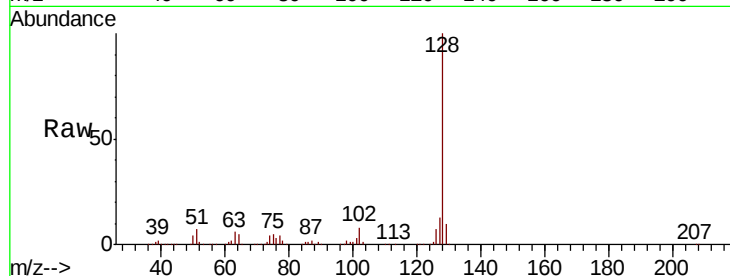




#95
Naphthalene
Concen: 46.794 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 454507
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.153 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062098.D
Acq: 25 Jun 2020 5:52

Tgt Ion:180 Resp: 147289
Ion Ratio Lower Upper
180 100
182 96.6 46.8 140.4
145 33.9 16.4 49.2

