

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
 Data File : VN062059.D
 Acq On : 24 Jun 2020 10:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 24 11:16:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	172060	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	7.55	113	140636	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.06	98	565517	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	192319	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	143321	47.251	ug/l	100
3) Chloromethane	2.03	50	181879	48.954	ug/l	100
4) Vinyl Chloride	2.16	62	222709	50.225	ug/l	100
5) Bromomethane	2.52	94	143977	42.964	ug/l	100
6) Chloroethane	2.66	64	155109	51.203	ug/l	100
7) Trichlorofluoromethane	2.98	101	249264	47.397	ug/l	100
8) Diethyl Ether	3.37	74	95612	52.853	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142814	51.687	ug/l	100
10) Methyl Iodide	3.91	142	172601	57.249	ug/l	100
11) Tert butyl alcohol	4.73	59	129735	254.956	ug/l	100
12) 1,1-Dichloroethene	3.69	96	143415	51.889	ug/l	100
13) Acrolein	3.56	56	130440	374.559	ug/l	100
14) Allyl chloride	4.27	41	204176	55.008	ug/l	100
15) Acrylonitrile	4.93	53	358080	281.823	ug/l	100
16) Acetone	3.77	43	302018	272.120	ug/l	100
17) Carbon Disulfide	4.00	76	435435	53.547	ug/l	100
18) Methyl Acetate	4.27	43	134674	44.412	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	477310	51.854	ug/l	100
20) Methylene Chloride	4.50	84	171869	48.785	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	163054	51.399	ug/l	100
22) Diisopropyl ether	5.90	45	451580	53.249	ug/l	100
23) Vinyl Acetate	5.84	43	1930791	286.341	ug/l	100
24) 1,1-Dichloroethane	5.80	63	285309	51.667	ug/l	100
25) 2-Butanone	6.78	43	449311	280.375	ug/l	100
26) 2,2-Dichloropropane	6.78	77	244053	52.256	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	184474	50.478	ug/l	100
28) Bromochloromethane	7.15	49	124428	50.420	ug/l	100
29) Tetrahydrofuran	7.17	42	298648	282.710	ug/l	100
30) Chloroform	7.33	83	293161	49.976	ug/l	100
31) Cyclohexane	7.61	56	242707	50.131	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	250104	50.136	ug/l	100
36) 1,1-Dichloropropene	7.75	75	222510	51.420	ug/l	100
37) Ethyl Acetate	6.88	43	190292	55.509	ug/l	100
38) Carbon Tetrachloride	7.73	117	211018	49.516	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	250173	53.663	ug/l	100
40) Benzene	8.00	78	684812	51.989	ug/l	100
41) Methacrylonitrile	7.12	41	83542	55.927	ug/l	100
42) 1,2-Dichloroethane	8.09	62	232783	51.883	ug/l	100
43) Isopropyl Acetate	8.13	43	309460	53.917	ug/l	100
44) Trichloroethene	8.80	130	168632	49.107	ug/l	100
45) 1,2-Dichloropropane	9.09	63	169604	52.458	ug/l	100
46) Dibromomethane	9.18	93	115572	51.065	ug/l	100
47) Bromodichloromethane	9.37	83	238247	51.254	ug/l	100
48) Methyl methacrylate	9.17	41	142101	54.187	ug/l	100
49) 1,4-Dioxane	9.17	88	66727	1105.829	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	947970	277.734	ug/l	100
52) Toluene	10.12	92	440898	53.430	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	265189	53.425	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	284627	52.907	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	171273	52.694	ug/l	100
56) Ethyl methacrylate	10.40	69	241806	55.573	ug/l	100
57) 1,3-Dichloropropane	10.68	76	288830	52.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	449013	262.067	ug/l	100
59) 2-Hexanone	10.72	43	703806	286.986	ug/l	100
60) Dibromochloromethane	10.87	129	180386	50.183	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174197	51.523	ug/l	100
64) Tetrachloroethene	10.60	164	141464	49.660	ug/l	100
65) Chlorobenzene	11.41	112	461198	48.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	164623	50.093	ug/l	100
67) Ethyl Benzene	11.48	91	827562	52.072	ug/l	100
68) m/p-Xylenes	11.59	106	645363	105.290	ug/l	100
69) o-Xylene	11.92	106	306695	52.576	ug/l	100
70) Styrene	11.94	104	522799	53.529	ug/l	100
71) Bromoform	12.10	173	120925	50.598	ug/l #	100
73) Isopropylbenzene	12.22	105	803592	52.147	ug/l	100
74) N-amyl acetate	12.05	43	279531	55.964	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	254517	50.416	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	320778	74.663	ug/l #	100
77) Bromobenzene	12.50	156	192459	49.645	ug/l	100
78) n-propylbenzene	12.57	91	934183	52.901	ug/l	100
79) 2-Chlorotoluene	12.65	91	546619	51.583	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	667303	52.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84612	53.387	ug/l	100
82) 4-Chlorotoluene	12.75	91	568826	52.006	ug/l	100
83) tert-Butylbenzene	12.97	119	561636	52.053	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	667442	53.201	ug/l	100
85) sec-Butylbenzene	13.15	105	746119	52.686	ug/l	100
86) p-Isopropyltoluene	13.26	119	669524	53.257	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	346291	49.231	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	346246	48.105	ug/l	100
89) n-Butylbenzene	13.59	91	561863	53.295	ug/l	100
90) Hexachloroethane	13.85	117	123172	53.134	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	334585	49.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	44384	54.187	ug/l	100

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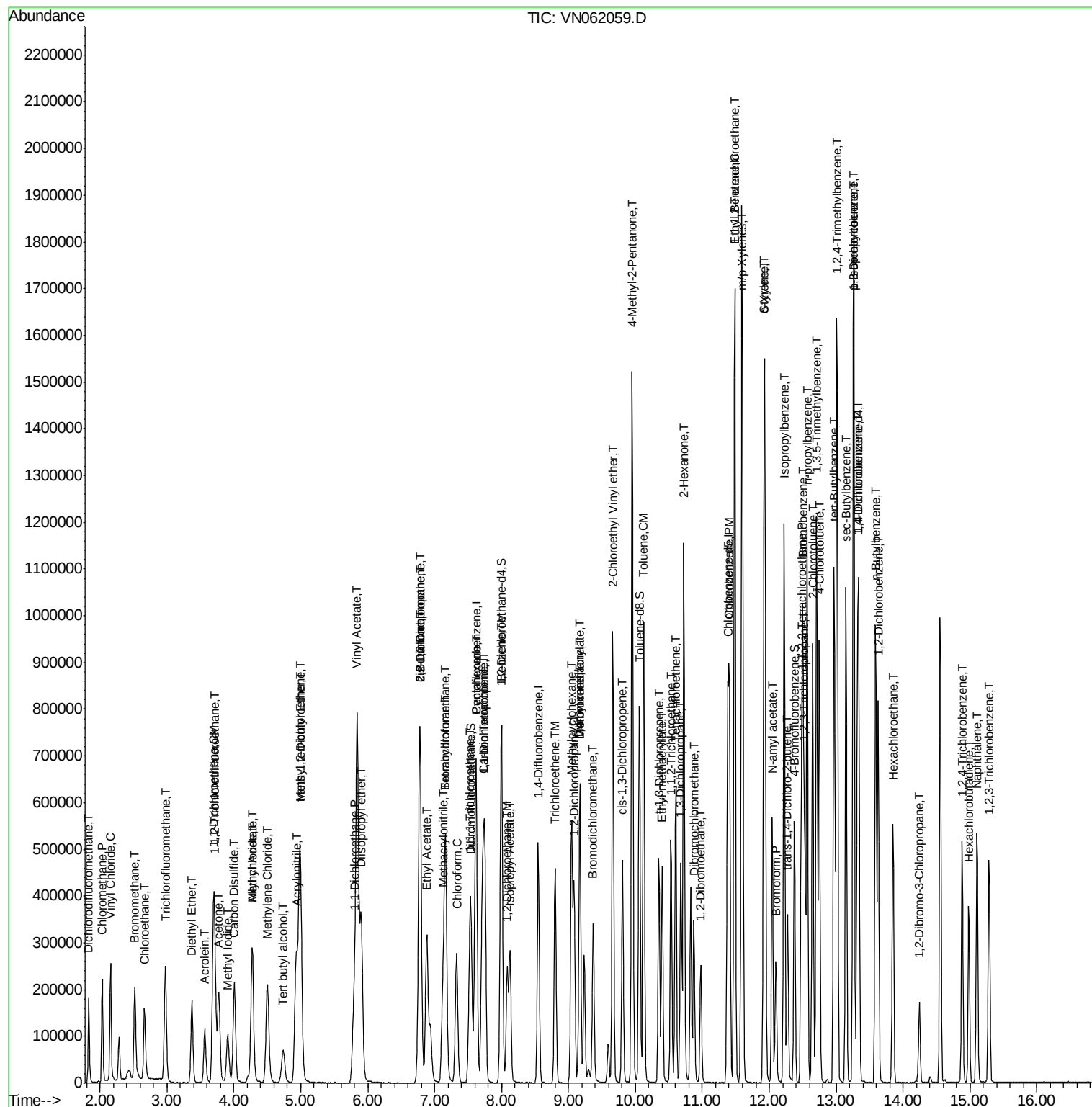
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	154659	48.849	ug/l	100
94) Hexachlorobutadiene	14.98	225	62017	49.393	ug/l	100
95) Naphthalene	15.10	128	461410	50.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	158421	50.262	ug/l	100

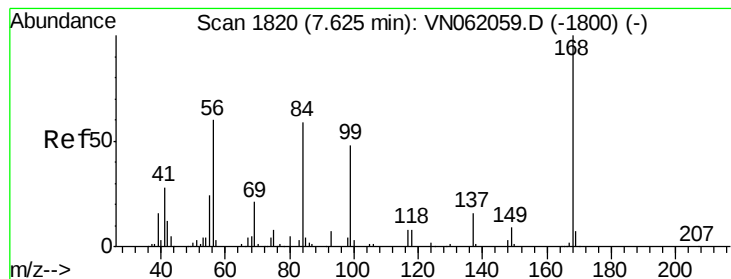
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

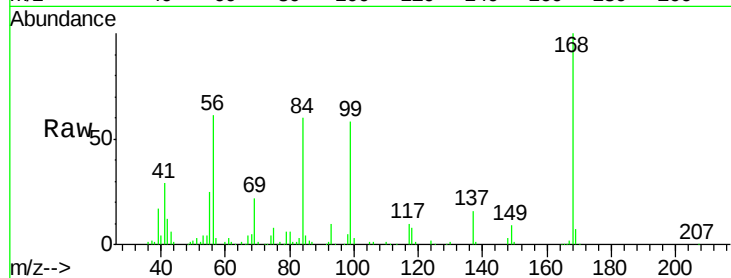
VSTDICCC050

Tgt Ion:168 Resp: 270980

Ion Ratio Lower Upper

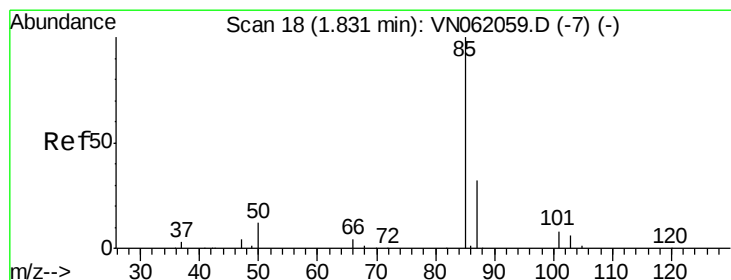
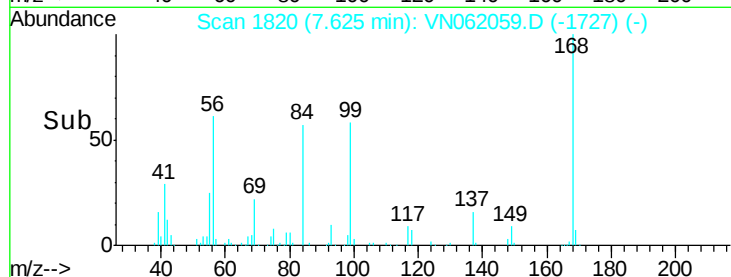
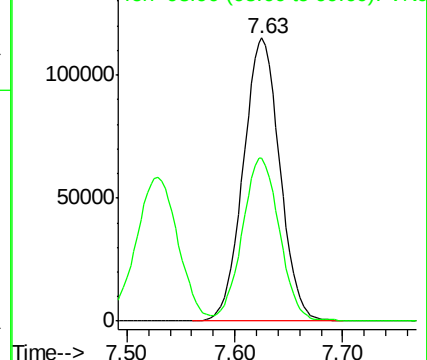
168 100

99 57.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.251 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062059.D

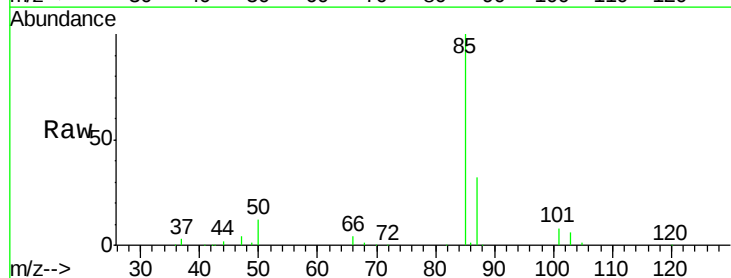
Acq: 24 Jun 2020 10:54

Tgt Ion: 85 Resp: 143321

Ion Ratio Lower Upper

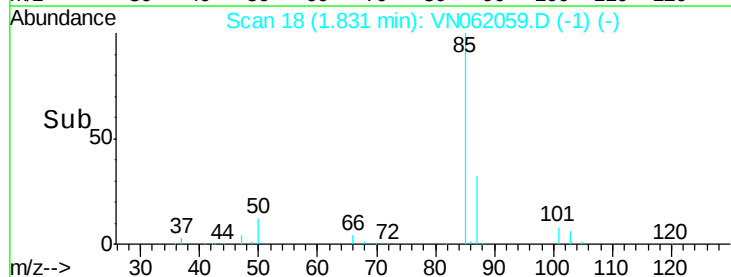
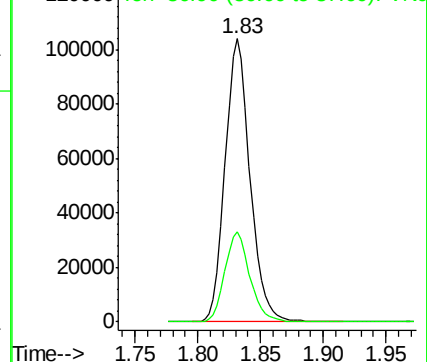
85 100

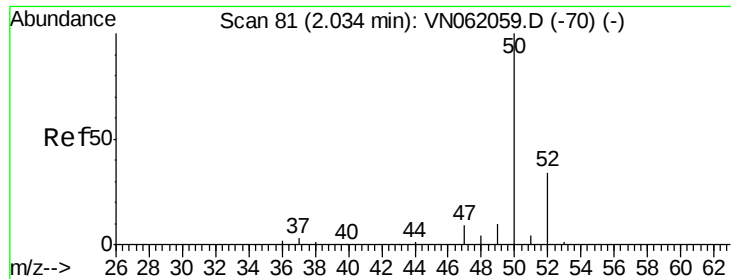
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

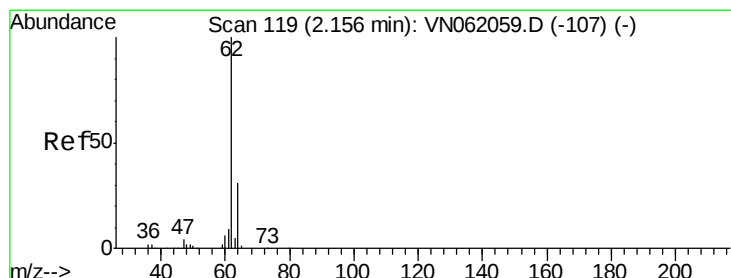
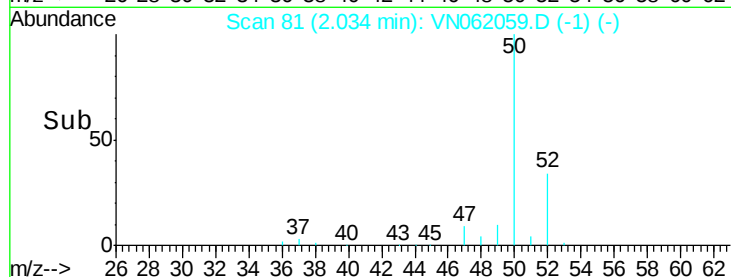
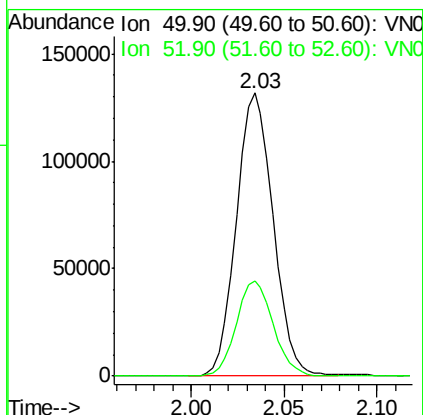
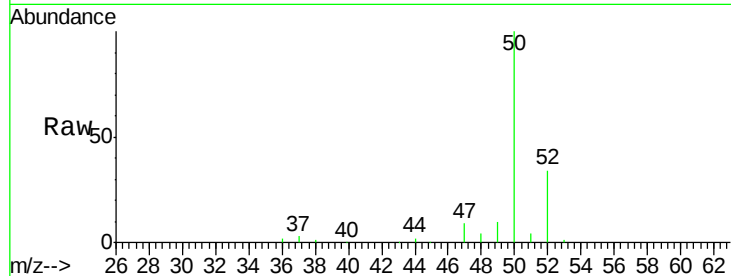




#3
Chloromethane
Concen: 48.954 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

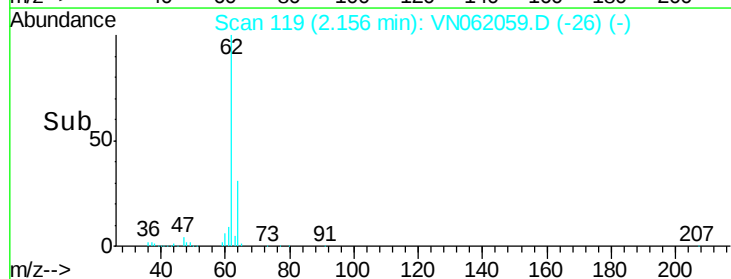
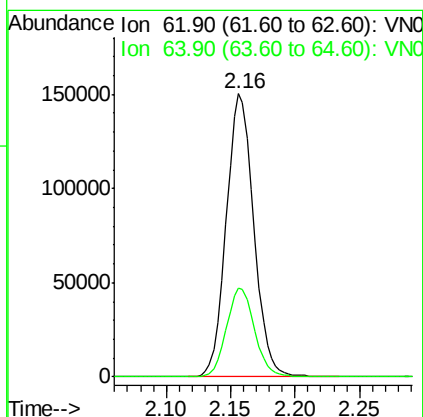
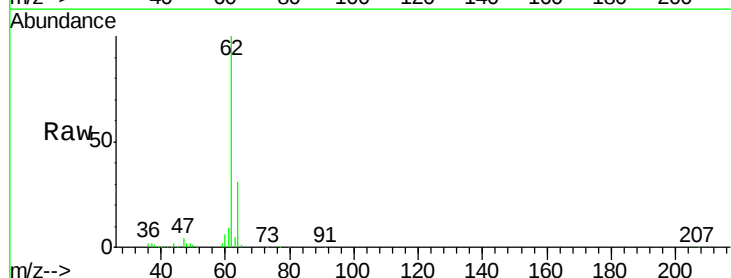
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

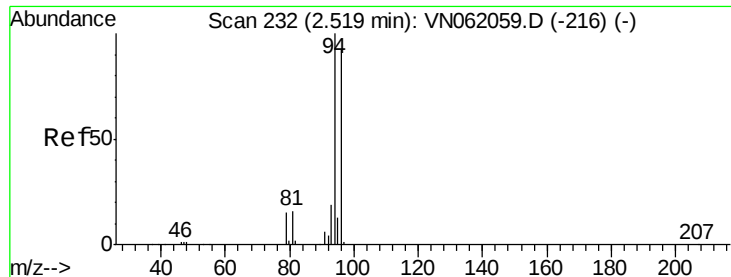
Tgt Ion: 50 Resp: 181879
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6



#4
Vinyl Chloride
Concen: 50.225 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 62 Resp: 222709
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5

Bromomethane

Concen: 42.964 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

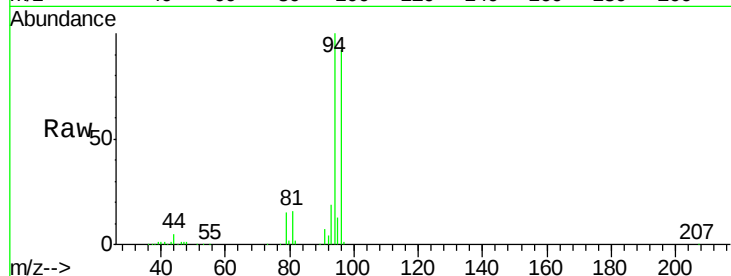
VSTDICCC050

Tgt Ion: 94 Resp: 143977

Ion Ratio Lower Upper

94 100

96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

80000

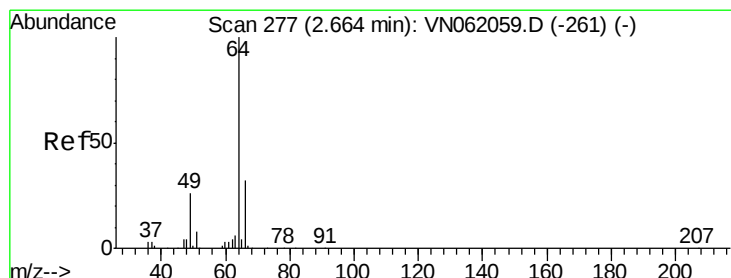
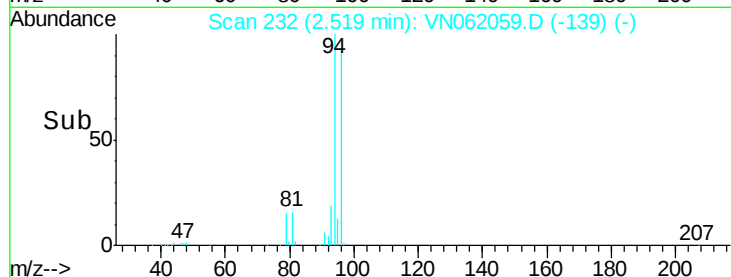
60000

40000

20000

0

Time--> 2.40 2.50 2.60



#6

Chloroethane

Concen: 51.203 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062059.D

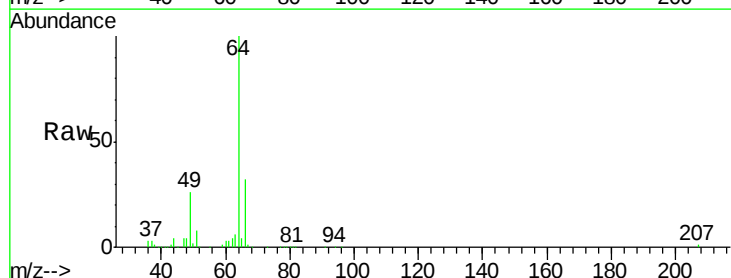
Acq: 24 Jun 2020 10:54

Tgt Ion: 64 Resp: 155109

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

80000

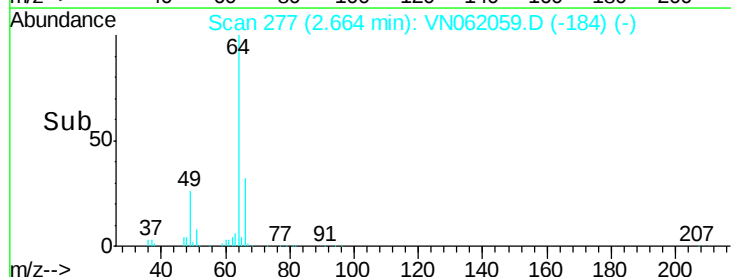
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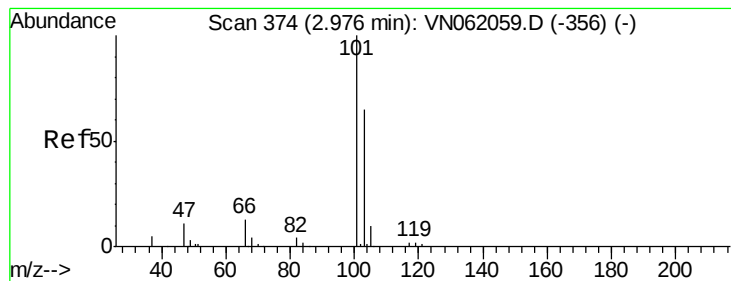
40000

20000

0

Time--> 2.60 2.70 2.80



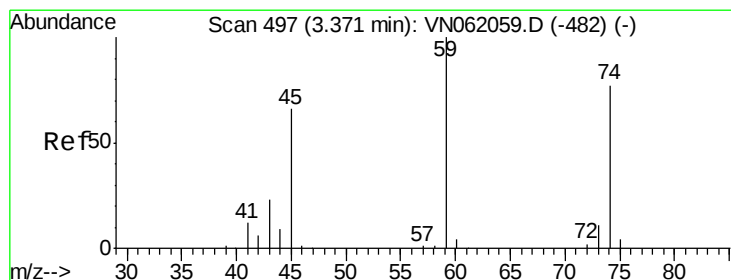
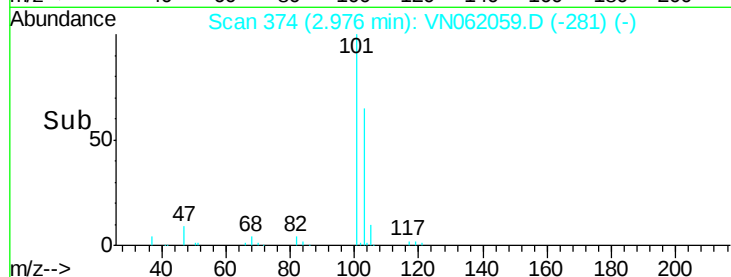
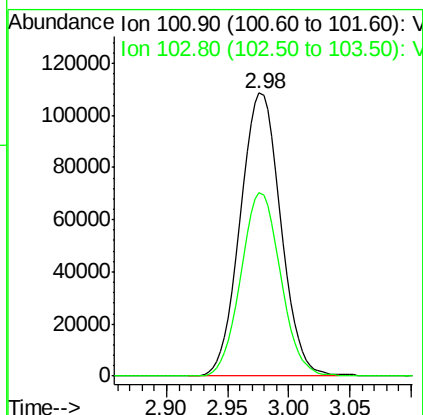
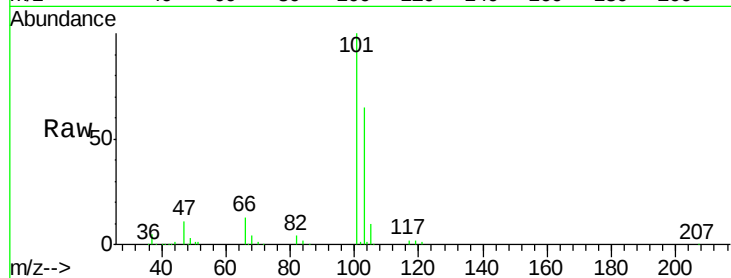


#7

Trichlorofluoromethane
 Concen: 47.397 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Instrument :
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 ClientSampleId :
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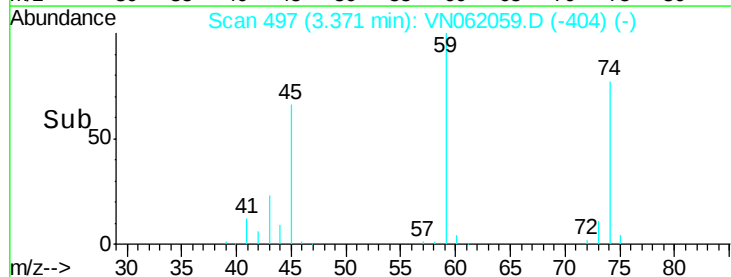
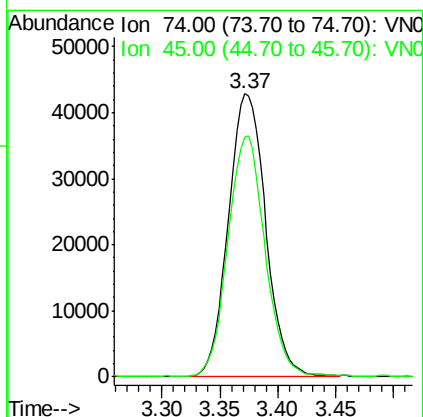
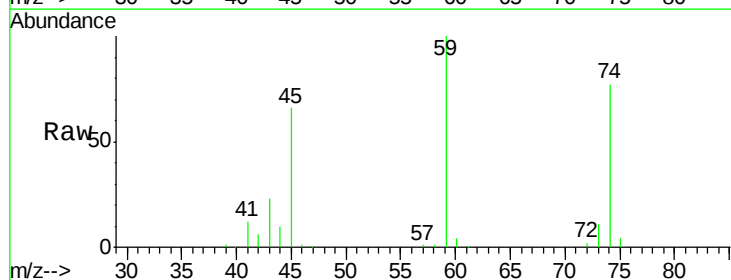
Tgt Ion: 101 Resp: 249264
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

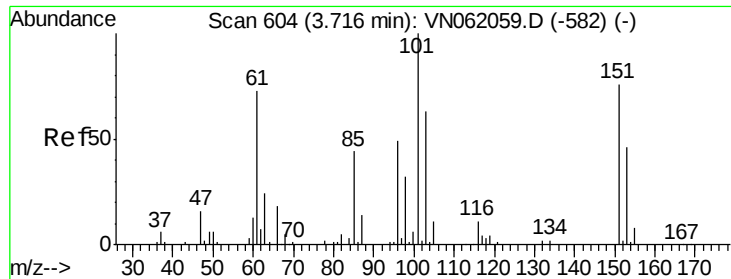


#8

Diethyl Ether
 Concen: 52.853 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 74 Resp: 95612
 Ion Ratio Lower Upper
 74 100
 45 85.0 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.687 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

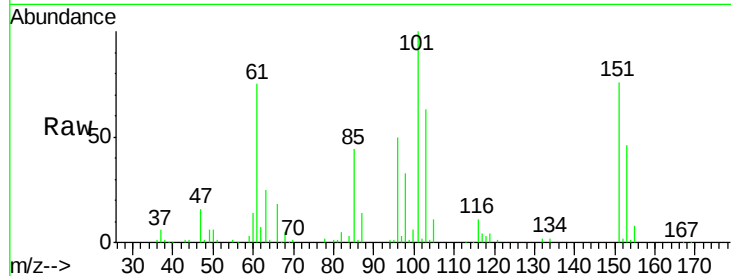
Tgt Ion:101 Resp: 142814

Ion Ratio Lower Upper

101 100

85 43.1 34.5 51.7

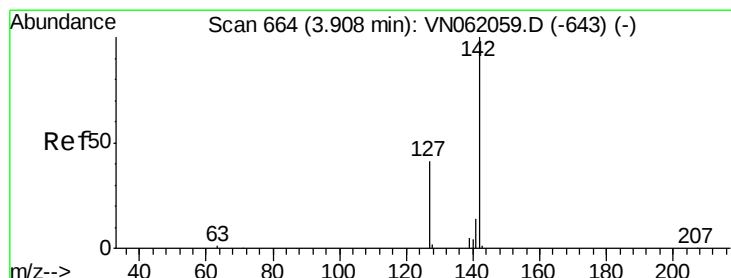
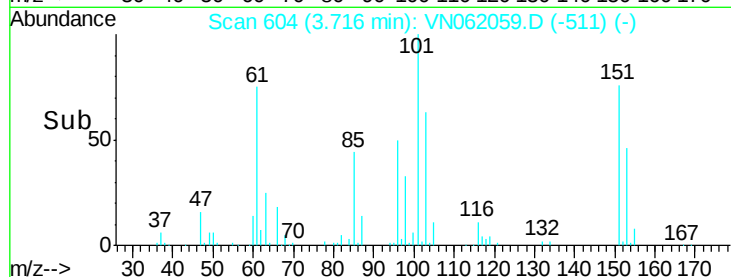
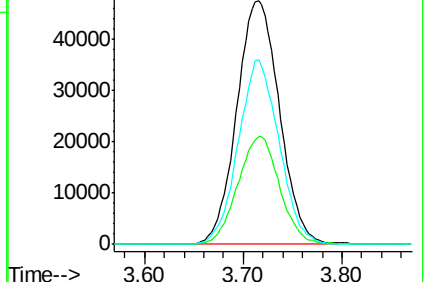
151 72.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.249 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

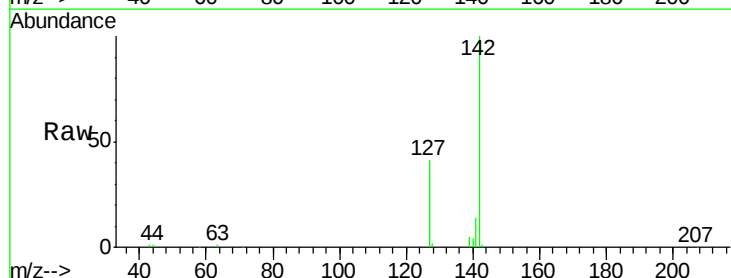
Tgt Ion:142 Resp: 172601

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

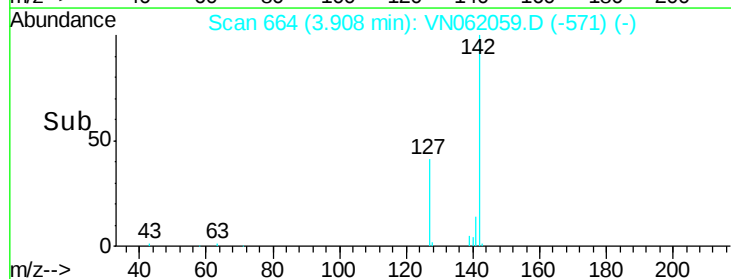
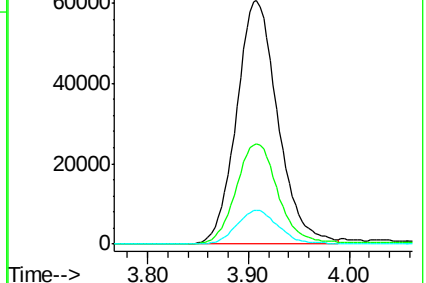
141 14.1 11.3 16.9



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



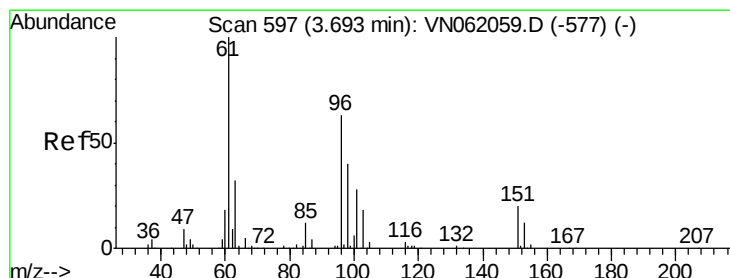
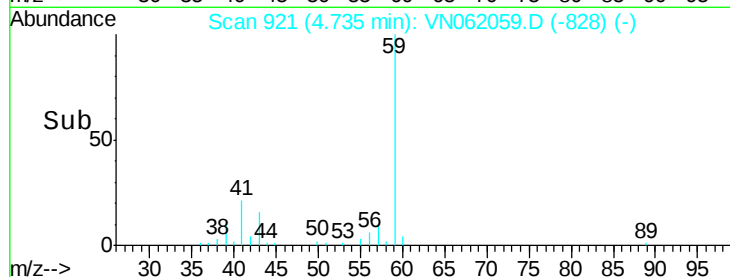
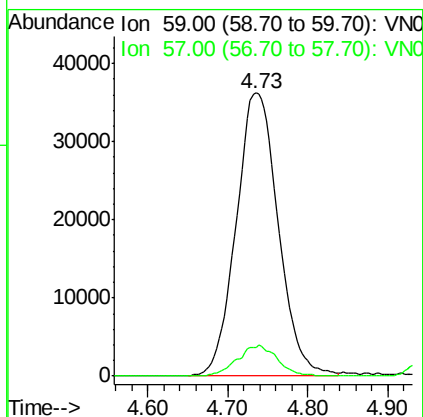
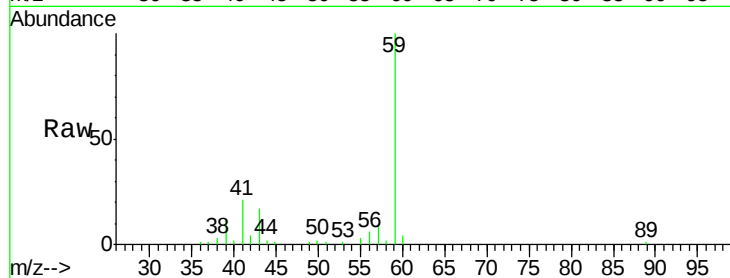


#11

Tert butyl alcohol
 Concen: 254.956 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

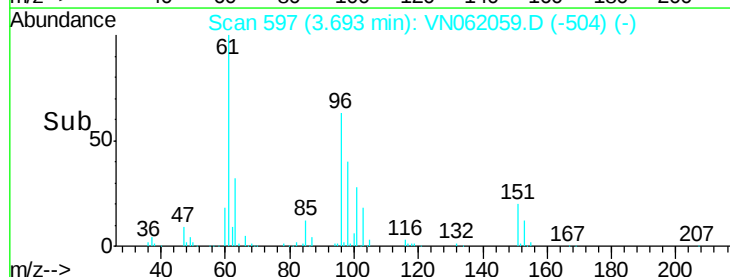
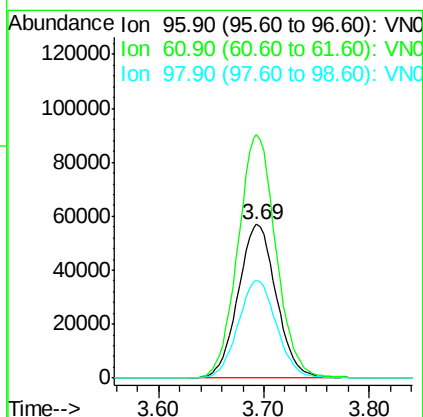
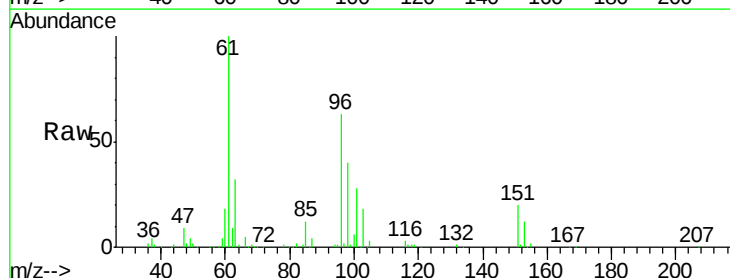
Tgt Ion: 59 Resp: 129735
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

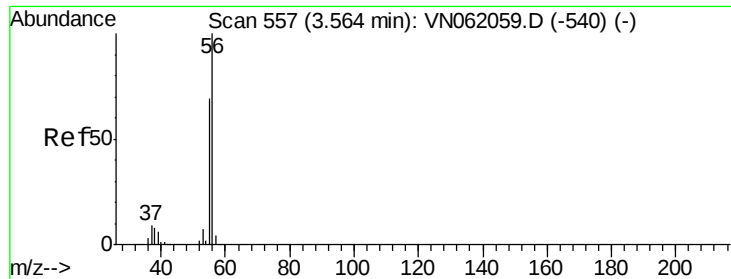


#12

1,1-Dichloroethene
 Concen: 51.889 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 96 Resp: 143415
 Ion Ratio Lower Upper
 96 100
 61 158.4 126.7 190.1
 98 63.7 51.0 76.4





#13

Acrolein

Concen: 374.559 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

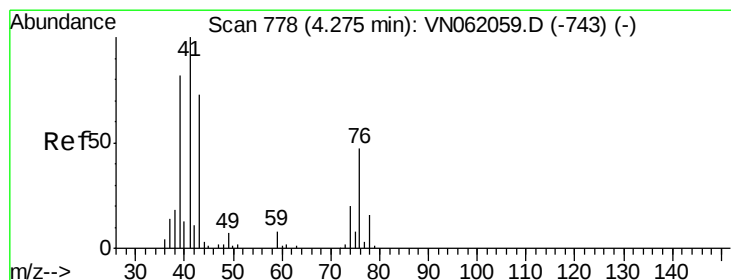
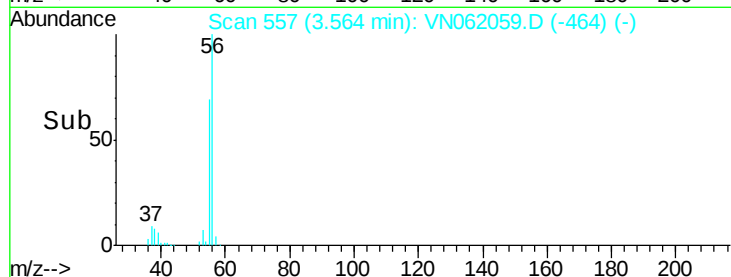
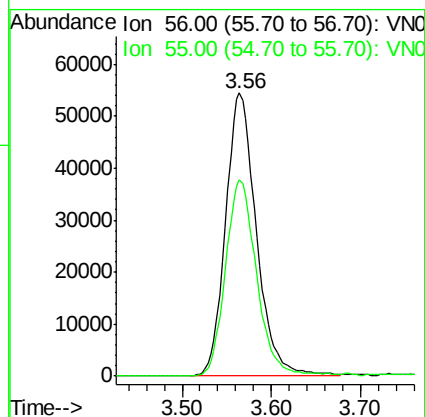
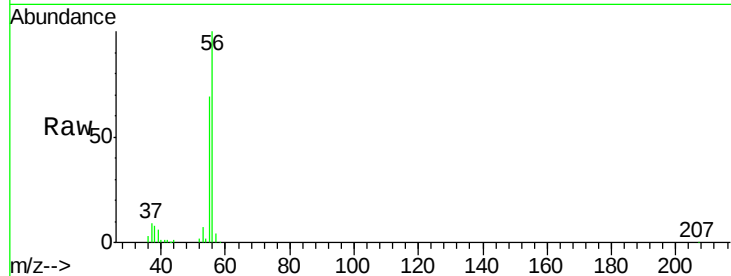
VSTDICCC050

Tgt Ion: 56 Resp: 130440

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



#14

Allyl chloride

Concen: 55.008 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

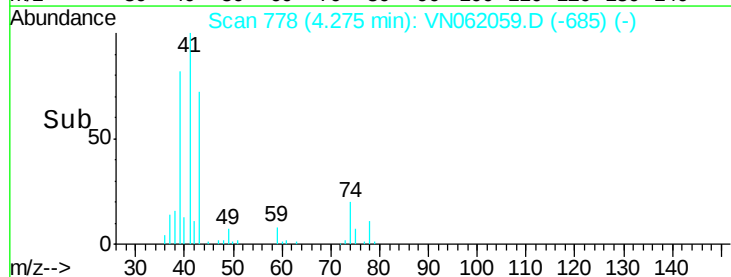
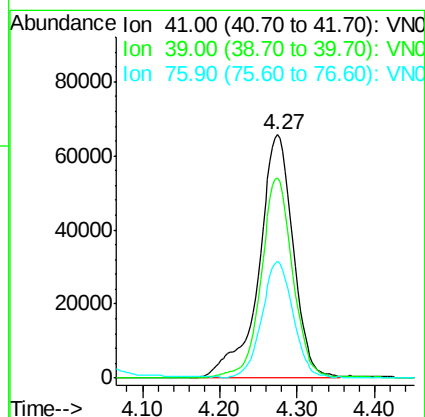
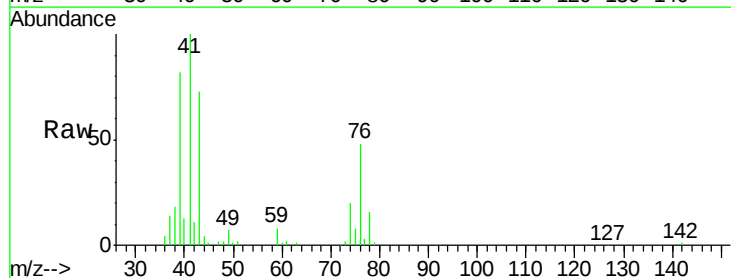
Tgt Ion: 41 Resp: 204176

Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 42.6 34.1 51.1





#15

Acrylonitrile

Concen: 281.823 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

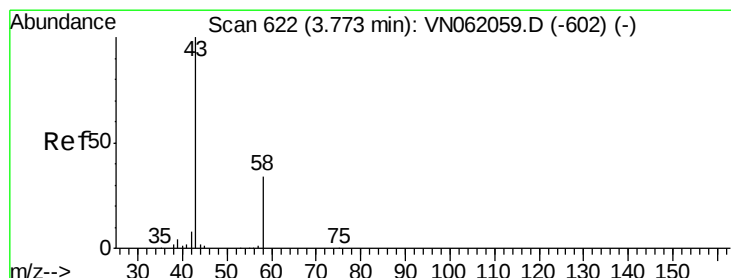
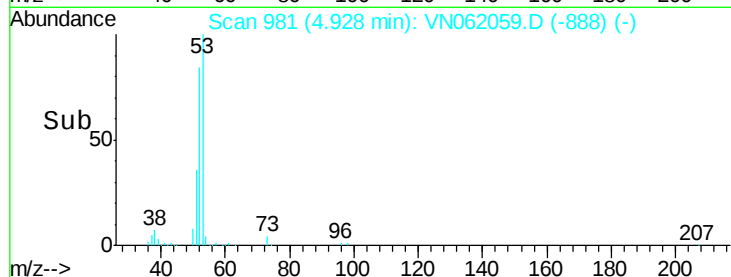
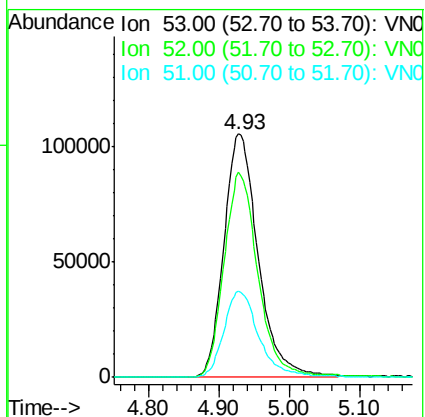
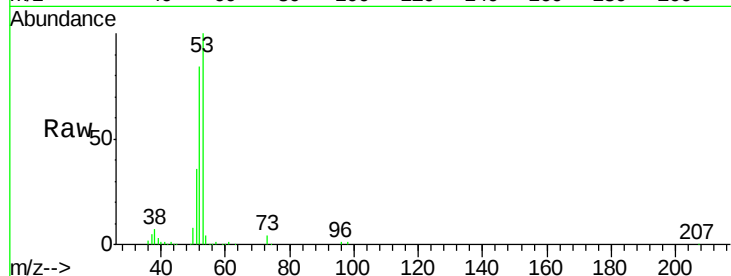
Tgt Ion: 53 Resp: 358080

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

51 36.1 28.9 43.3



#16

Acetone

Concen: 272.120 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062059.D

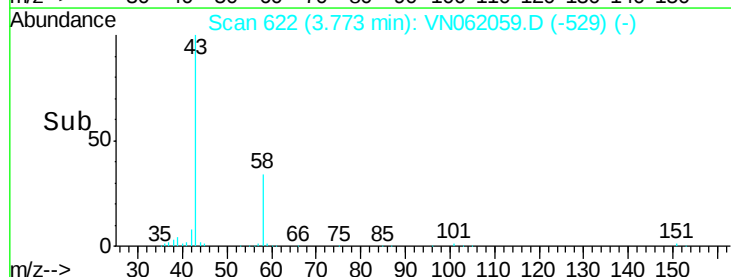
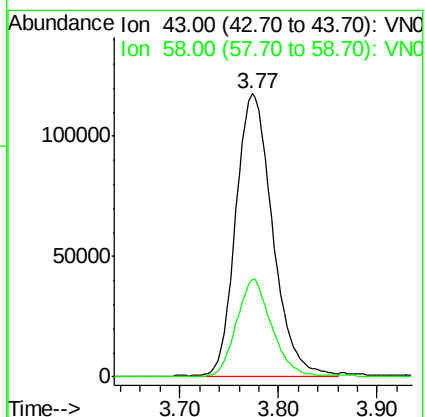
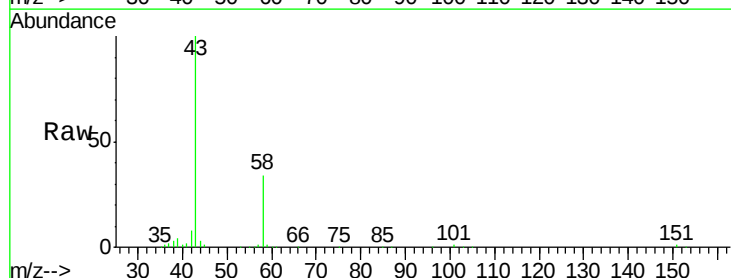
Acq: 24 Jun 2020 10:54

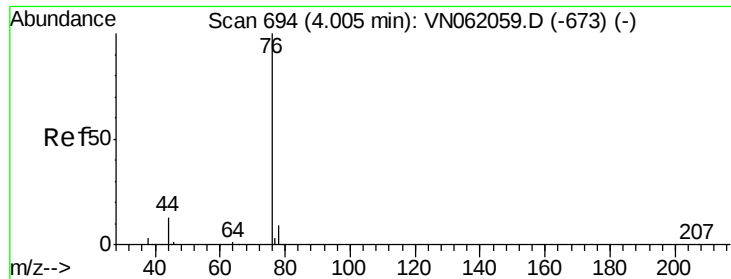
Tgt Ion: 43 Resp: 302018

Ion Ratio Lower Upper

43 100

58 34.4 27.5 41.3

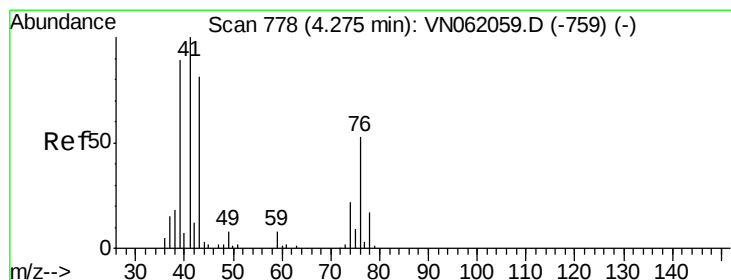
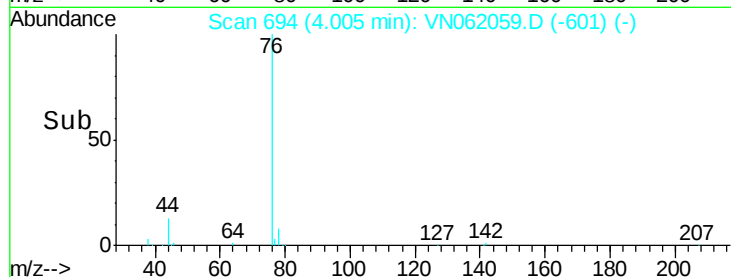
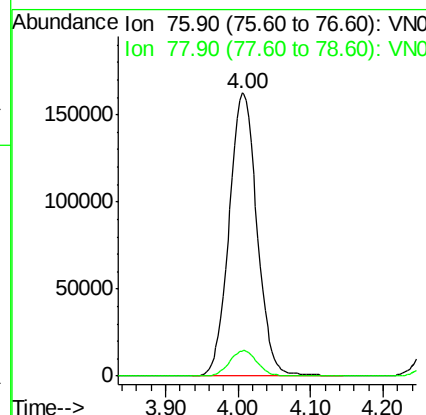
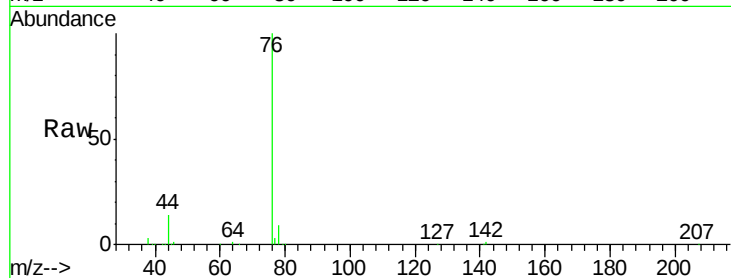




#17
Carbon Disulfide
Concen: 53.547 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

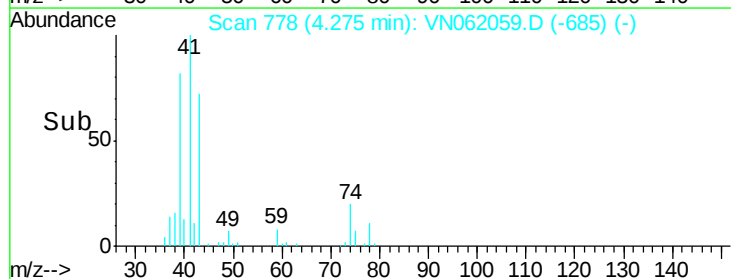
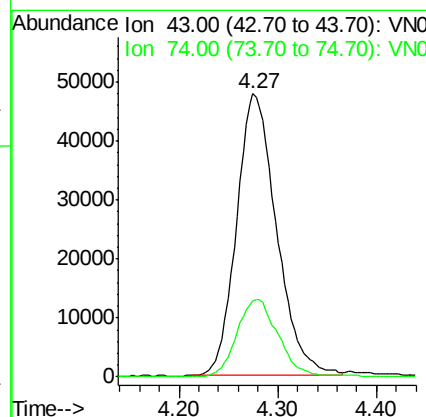
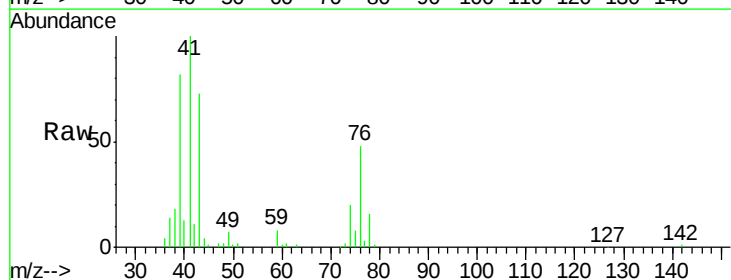
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 435435
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 44.412 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 43 Resp: 134674
Ion Ratio Lower Upper
43 100
74 28.6 22.9 34.3

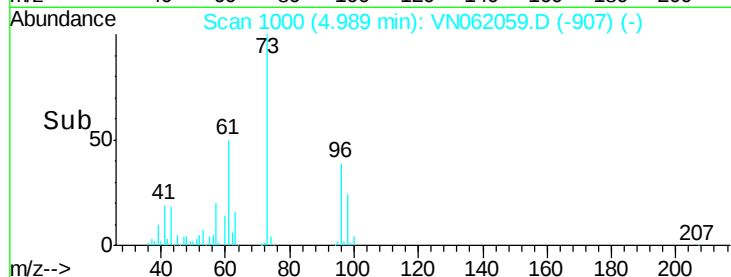
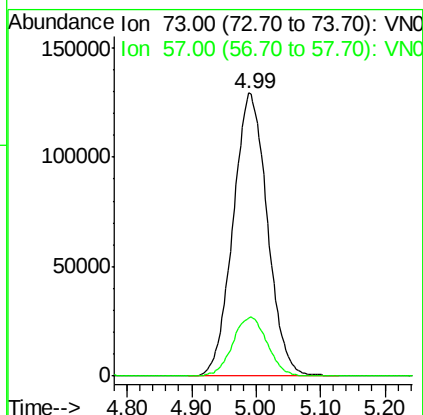
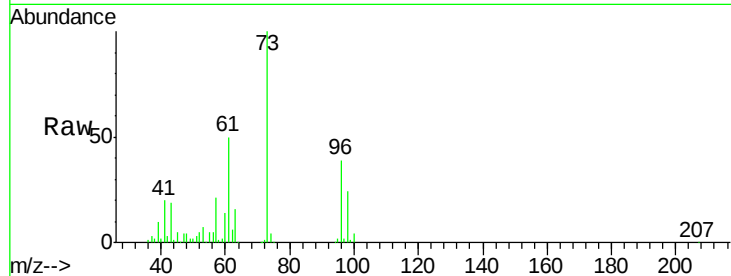




#19
Methyl tert-butyl Ether
Concen: 51.854 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

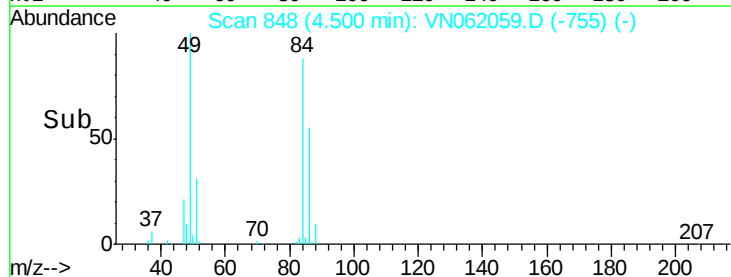
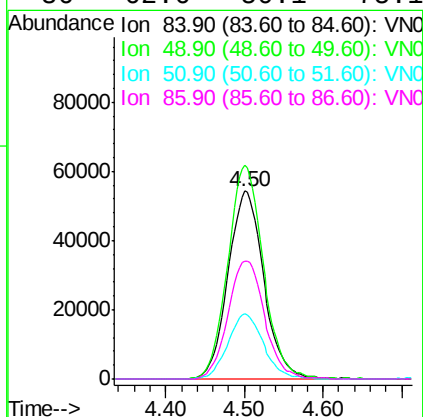
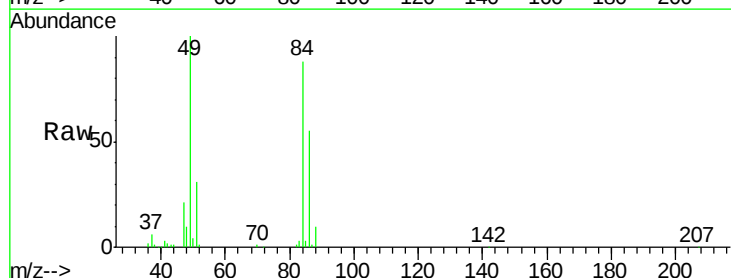
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

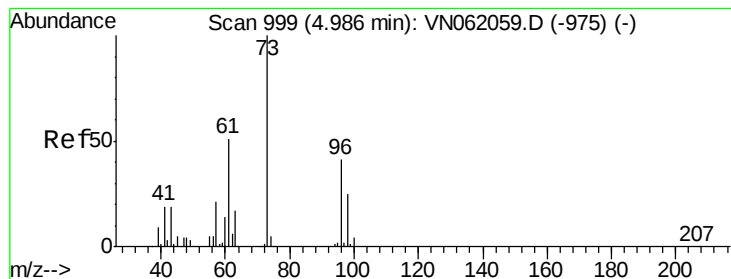
Tgt Ion: 73 Resp: 477310
Ion Ratio Lower Upper
73 100
57 20.7 16.6 24.8



#20
Methylene Chloride
Concen: 48.785 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 84 Resp: 171869
Ion Ratio Lower Upper
84 100
49 113.3 90.6 136.0
51 34.8 27.8 41.8
86 62.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 51.399 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

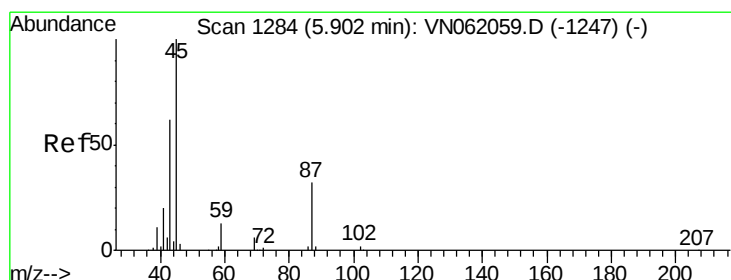
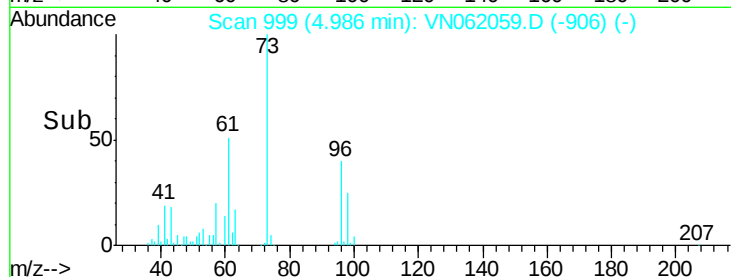
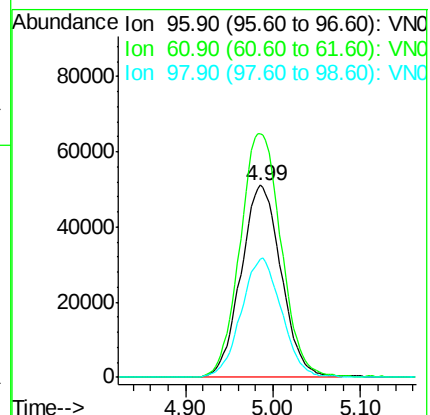
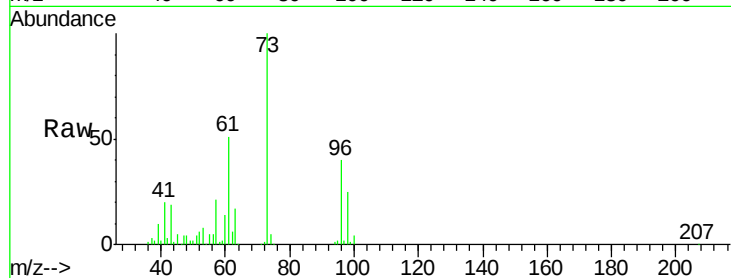
Tgt Ion: 96 Resp: 163054

Ion Ratio Lower Upper

96 100

61 126.8 101.4 152.2

98 61.6 49.3 73.9



#22

Diisopropyl ether

Concen: 53.249 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Tgt Ion: 45 Resp: 451580

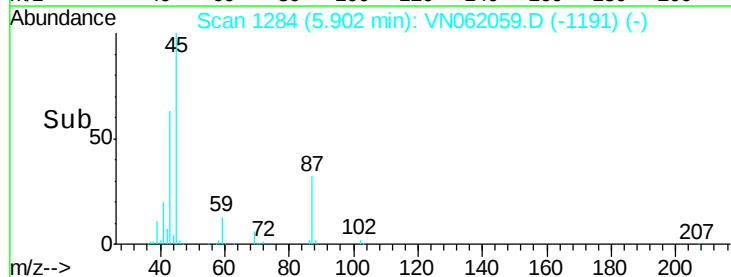
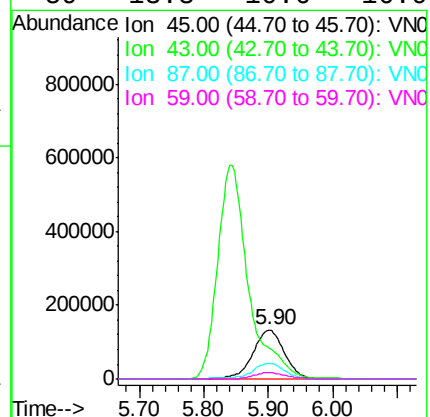
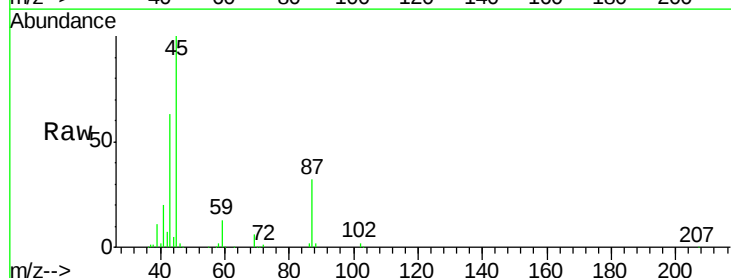
Ion Ratio Lower Upper

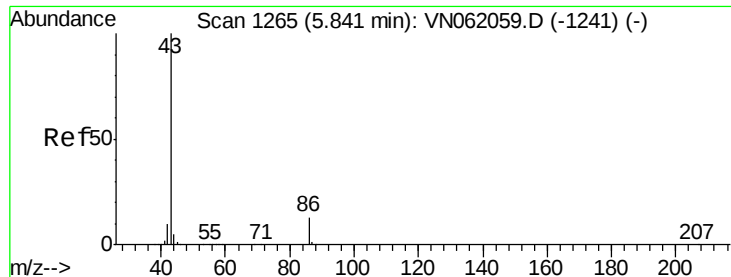
45 100

43 62.1 49.7 74.5

87 32.4 25.9 38.9

59 13.3 10.6 16.0





#23

Vinyl Acetate

Concen: 286.341 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

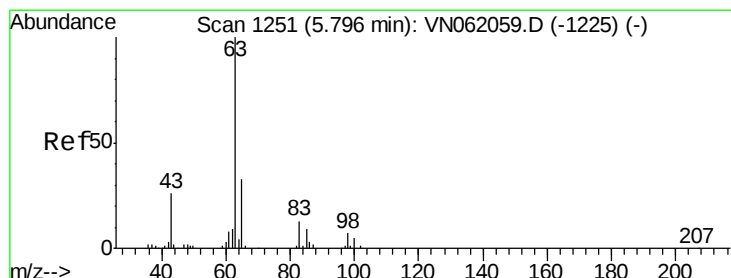
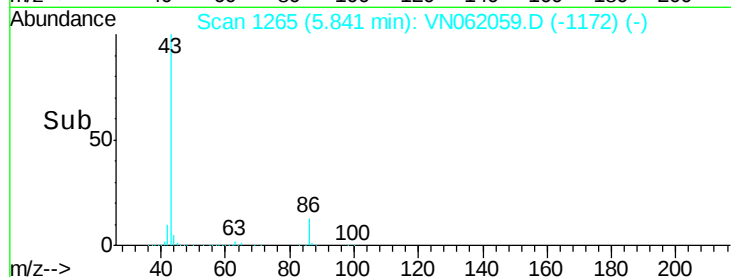
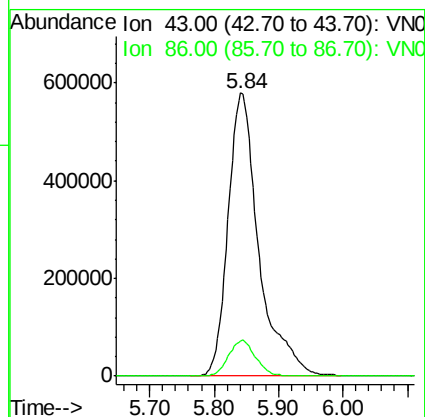
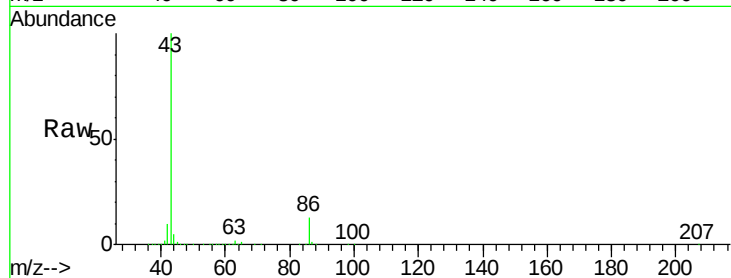
VSTDICCC050

Tgt Ion: 43 Resp: 1930791

Ion Ratio Lower Upper

43 100

86 12.6 10.1 15.1



#24

1,1-Dichloroethane

Concen: 51.667 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

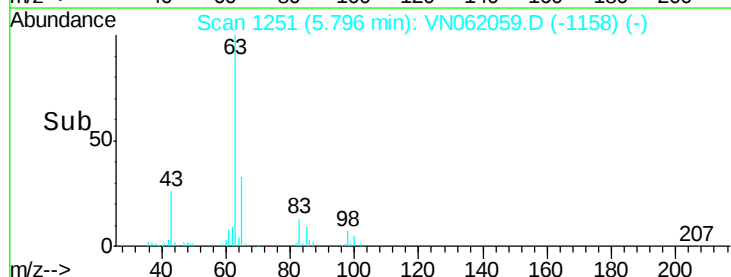
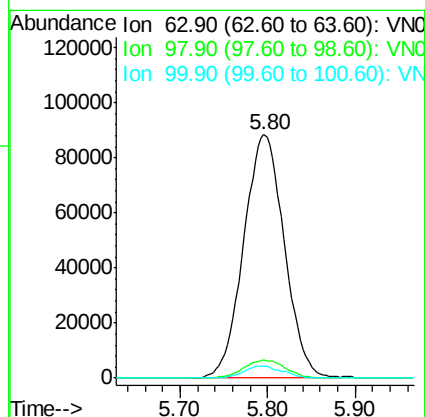
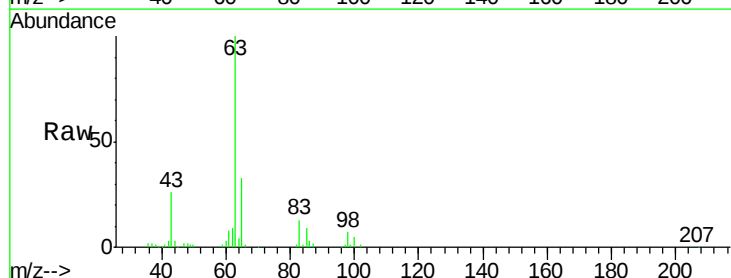
Tgt Ion: 63 Resp: 285309

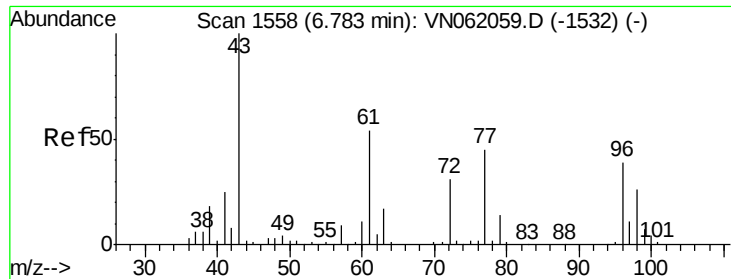
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 280.375 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

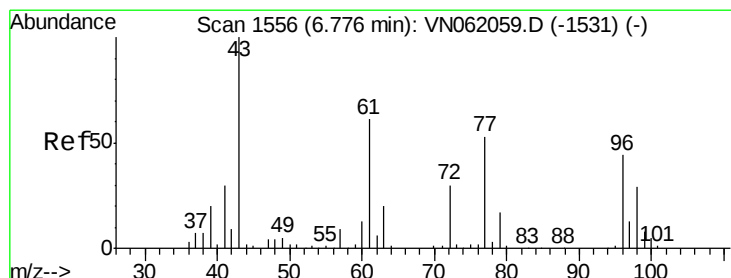
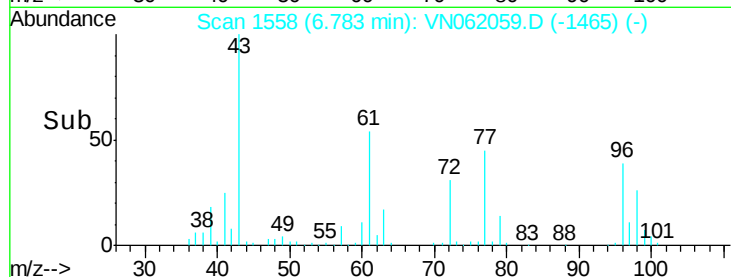
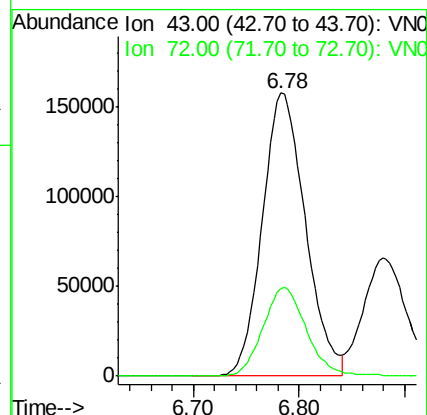
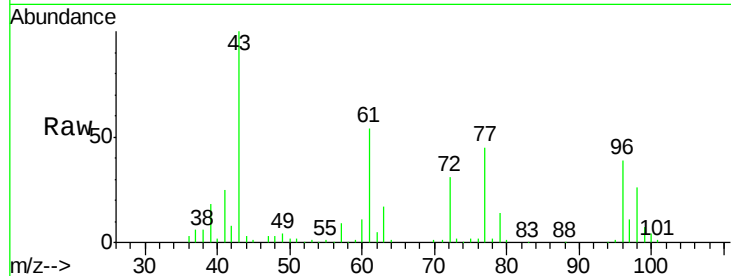
VSTDICCC050

Tgt Ion: 43 Resp: 449311

Ion Ratio Lower Upper

43 100

72 31.0 24.8 37.2



#26

2,2-Dichloropropane

Concen: 52.256 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062059.D

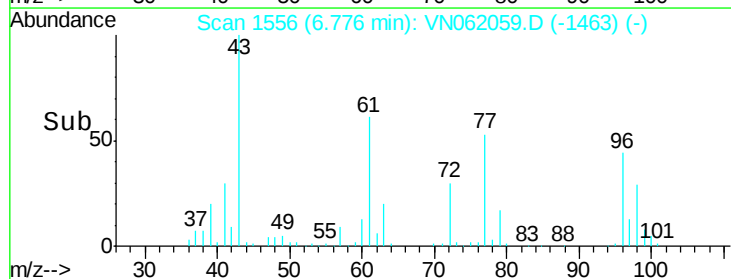
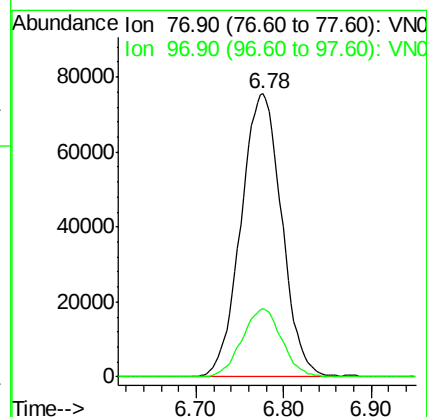
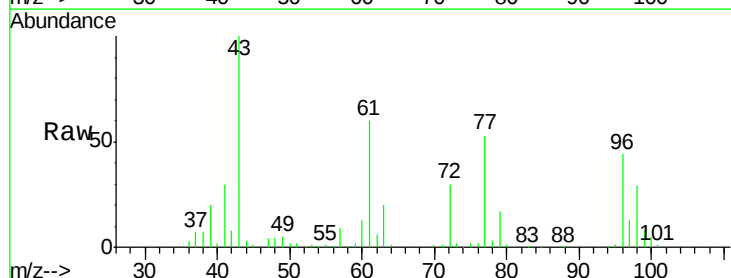
Acq: 24 Jun 2020 10:54

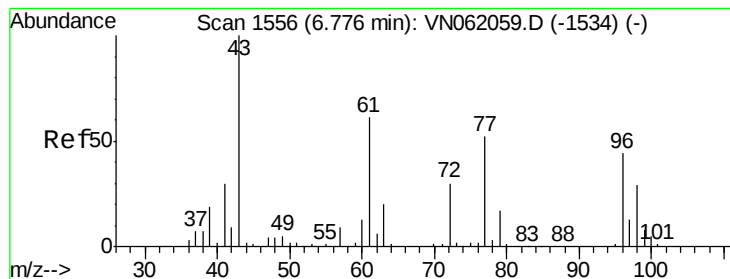
Tgt Ion: 77 Resp: 244053

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.478 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

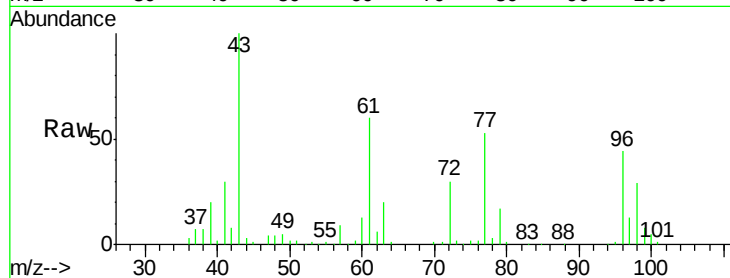
Tgt Ion: 96 Resp: 184474

Ion Ratio Lower Upper

96 100

61 140.2 0.0 280.4

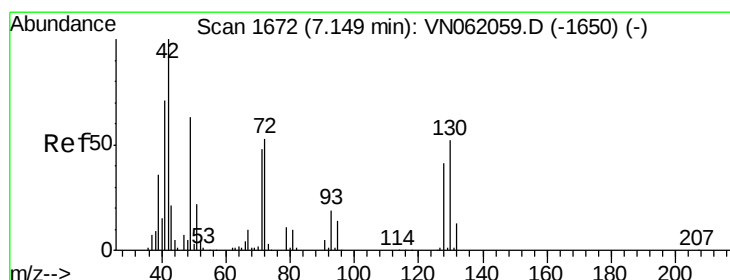
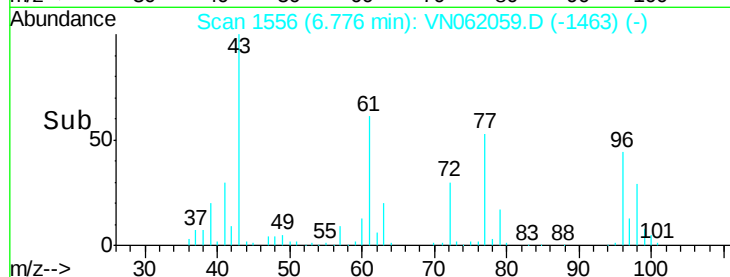
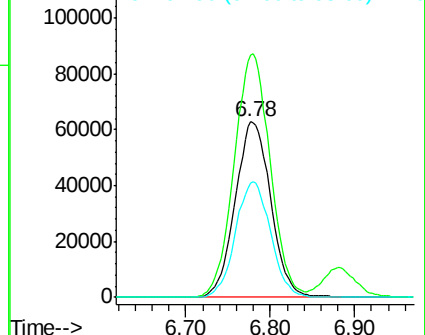
98 64.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 50.420 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

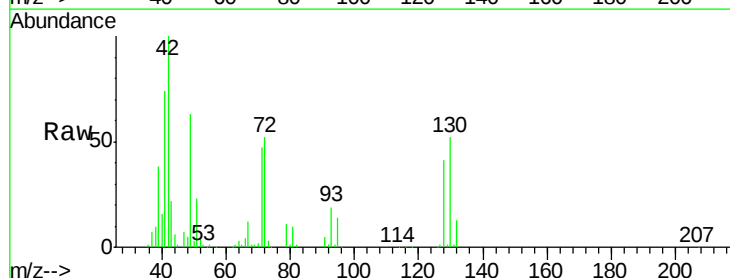
Tgt Ion: 49 Resp: 124428

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

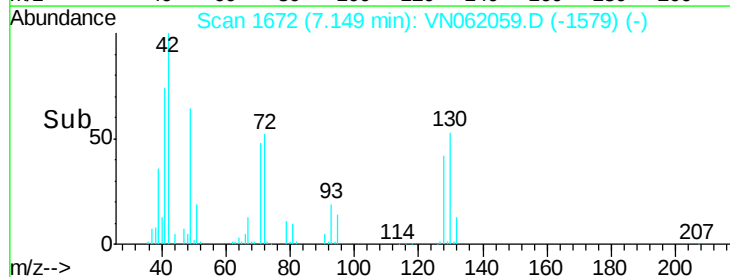
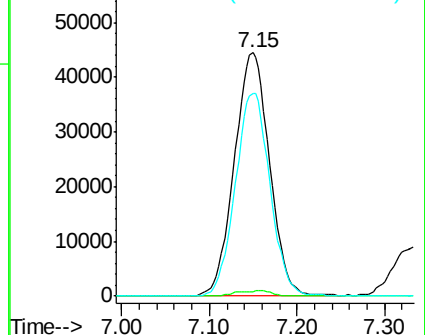
130 81.9 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

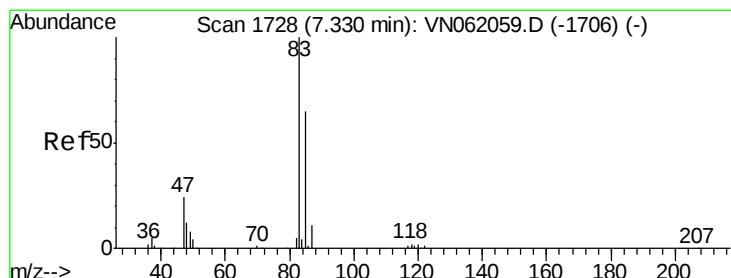
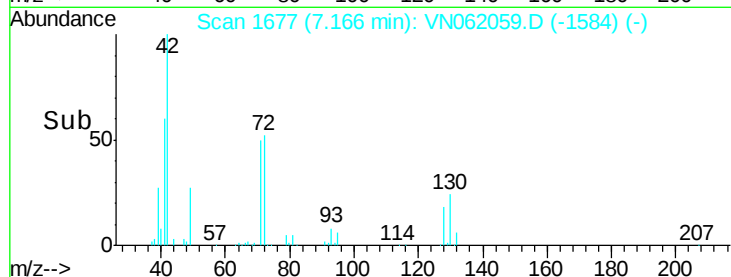
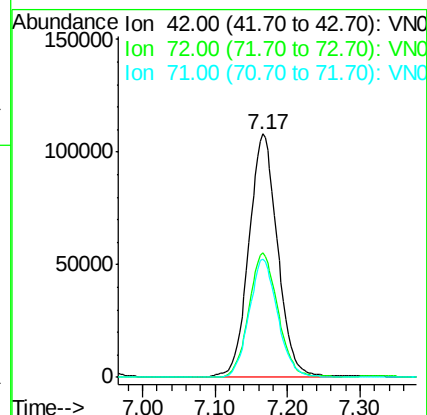
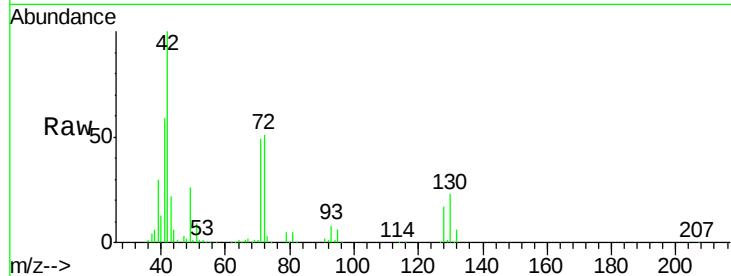




#29
Tetrahydrofuran
Concen: 282.710 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

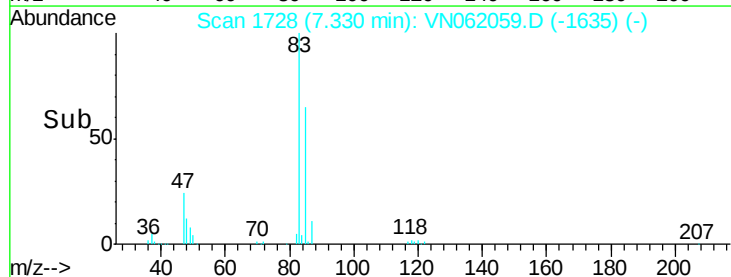
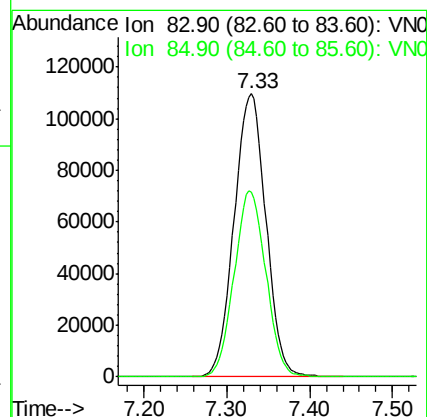
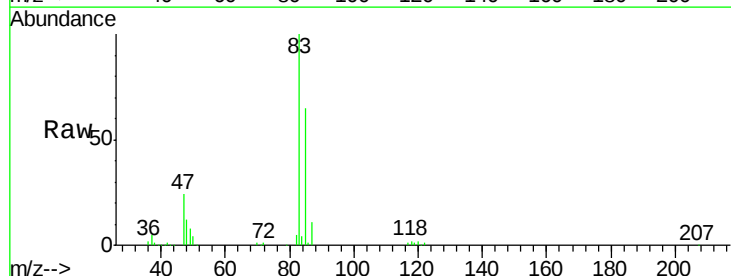
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

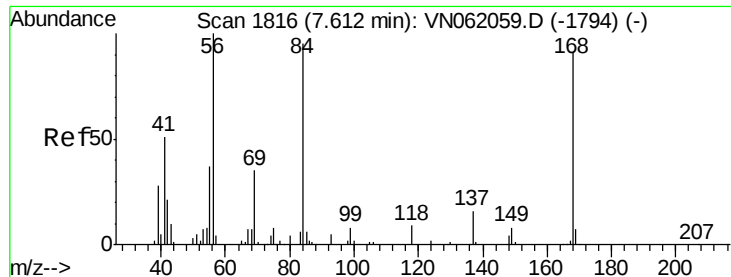
Tgt Ion: 42 Resp: 298648
Ion Ratio Lower Upper
42 100
72 51.4 41.1 61.7
71 47.8 38.2 57.4



#30
Chloroform
Concen: 49.976 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 83 Resp: 293161
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5

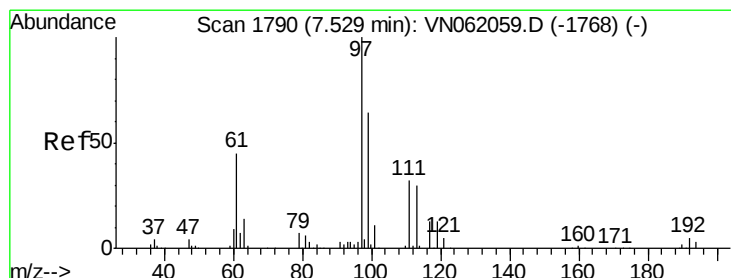
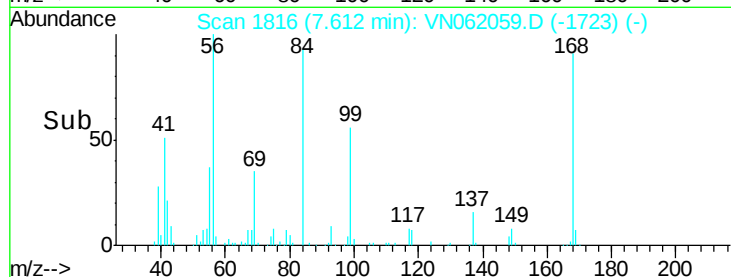
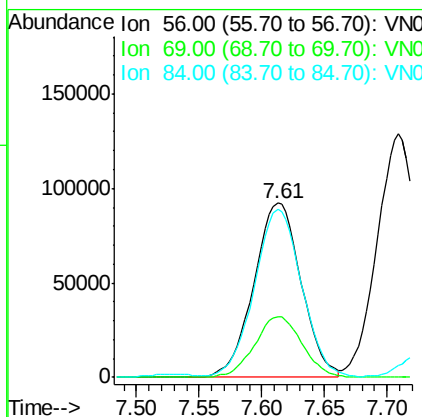
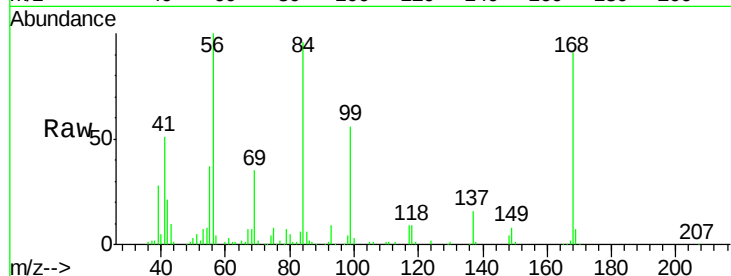




#31
Cyclohexane
Concen: 50.131 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

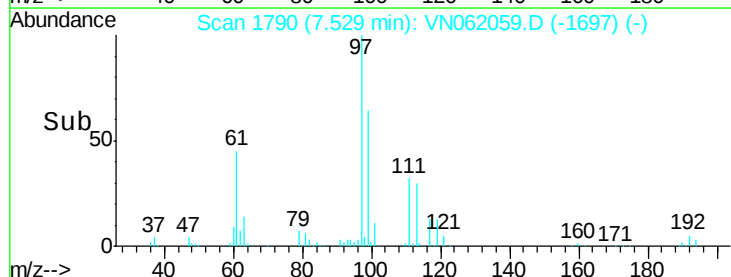
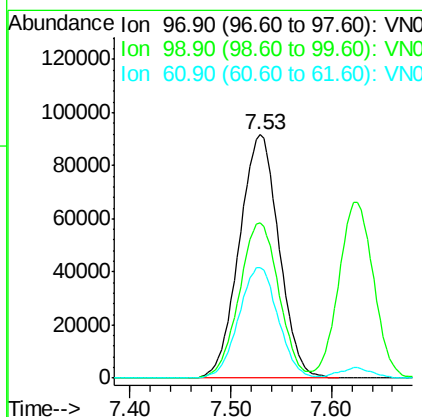
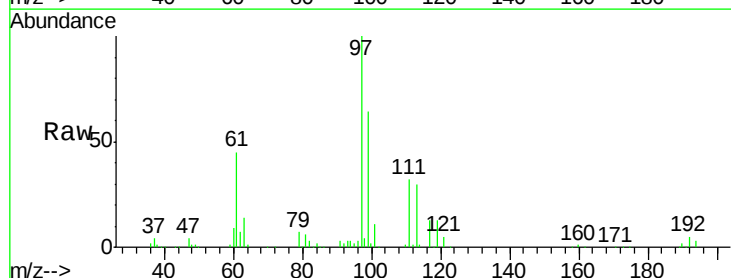
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

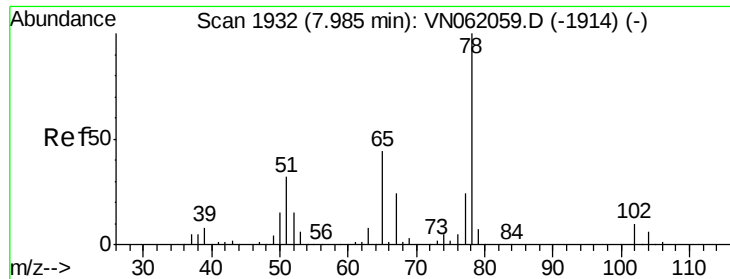
Tgt Ion: 56 Resp: 242707
Ion Ratio Lower Upper
56 100
69 35.0 28.0 42.0
84 95.1 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 50.136 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 97 Resp: 250104
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 45.2 36.2 54.2

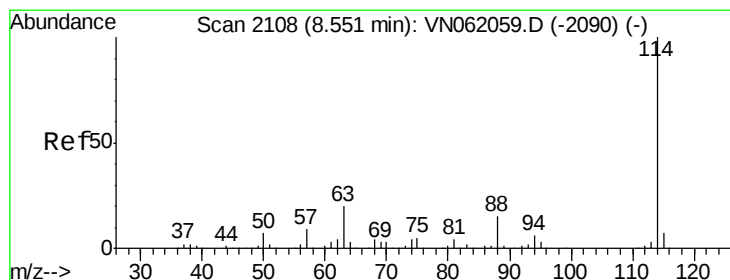
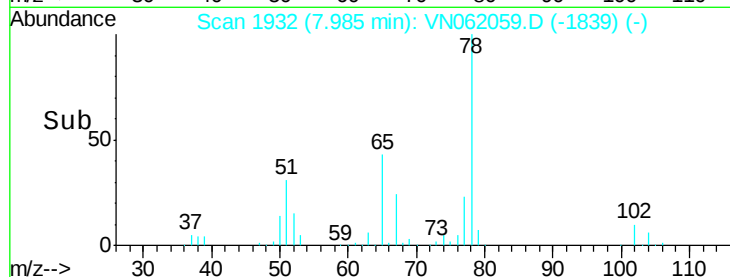
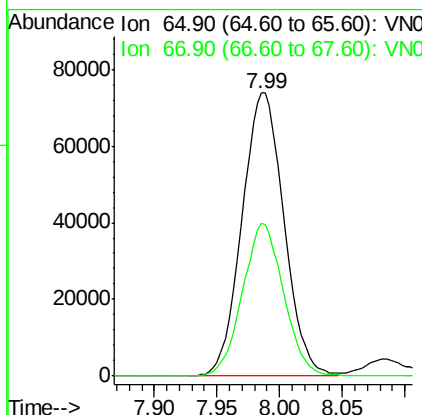
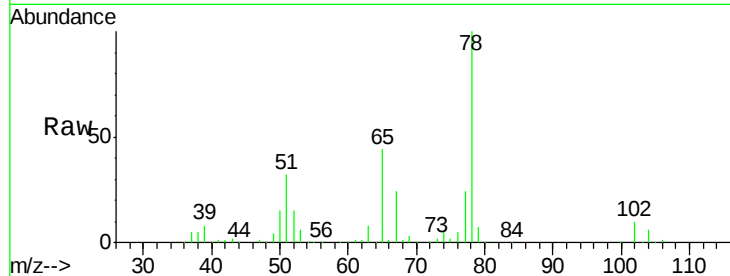




#33
 1,2-Dichloroethane-d4
 Concen: 47.412 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

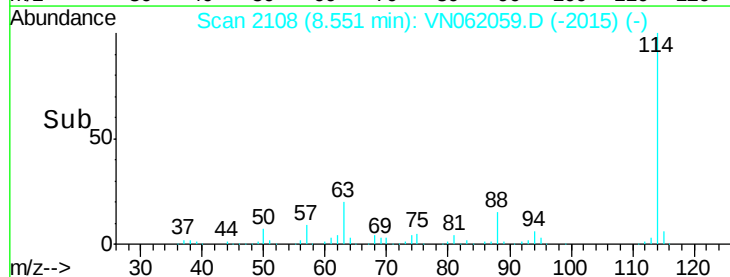
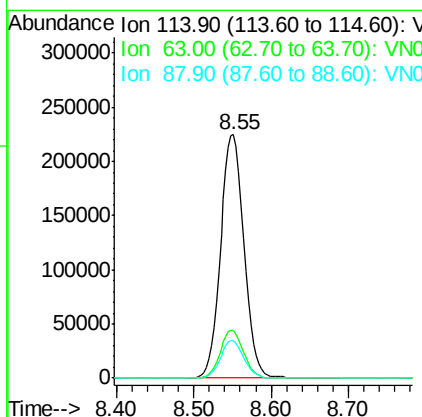
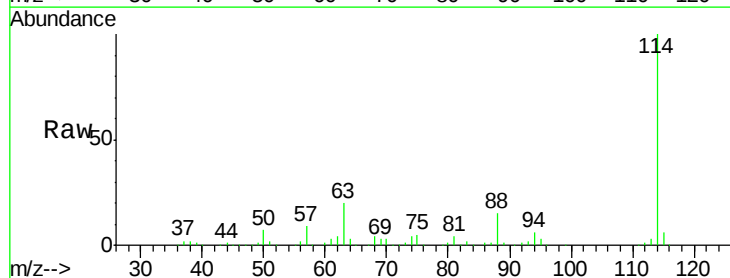
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

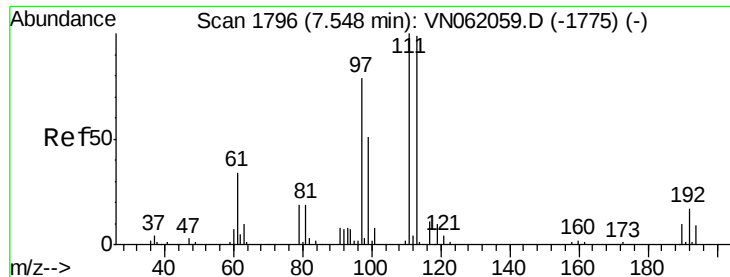
Tgt Ion: 65 Resp: 172060
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 114 Resp: 473377
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.4 0.0 30.8

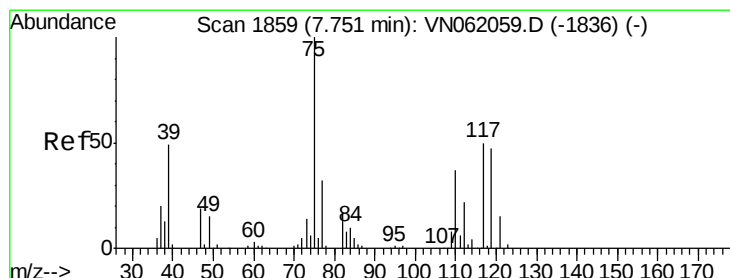
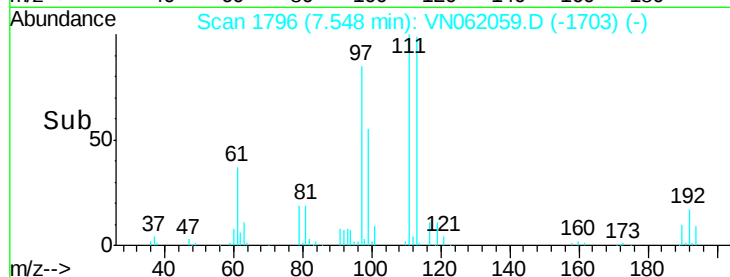
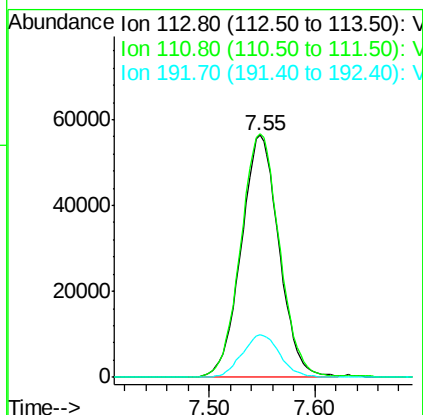
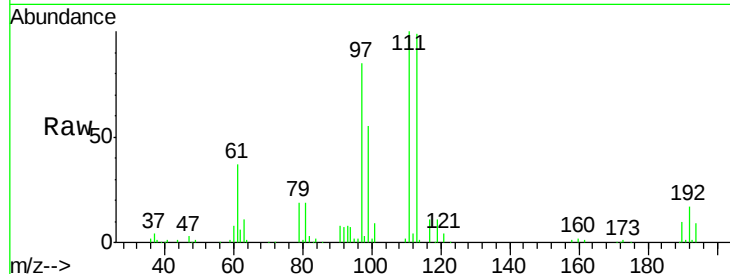




#35
 Dibromofluoromethane
 Concen: 46.814 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

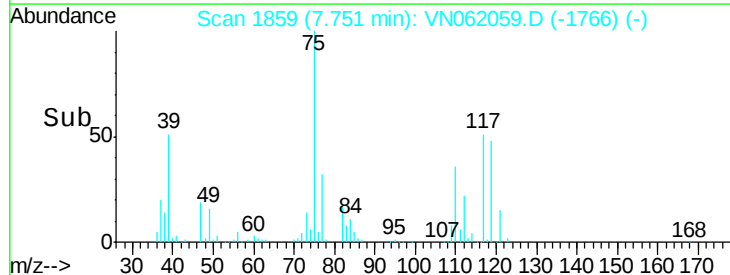
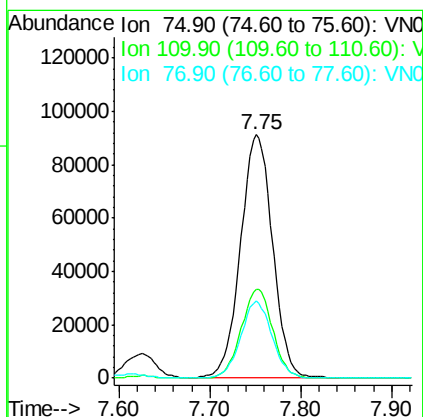
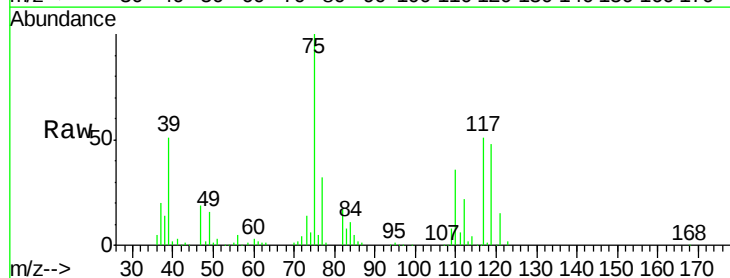
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 140636
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 17.5 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 51.420 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 75 Resp: 222510
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.9 53.8
 77 31.1 24.9 37.3

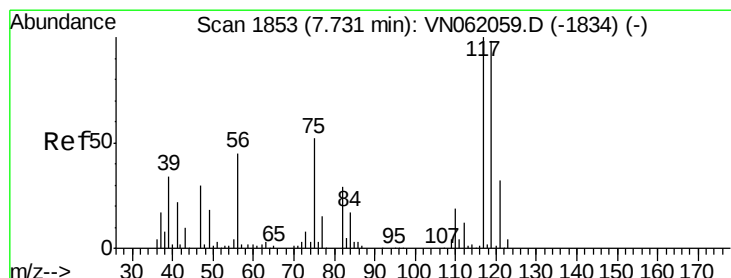
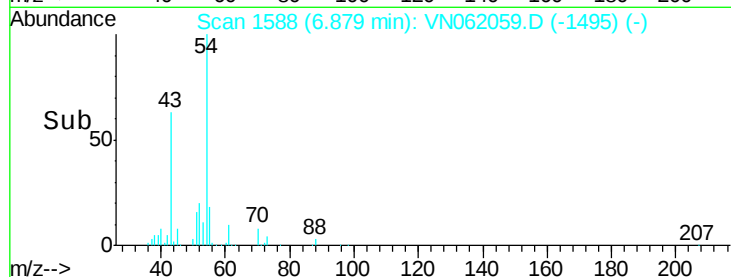
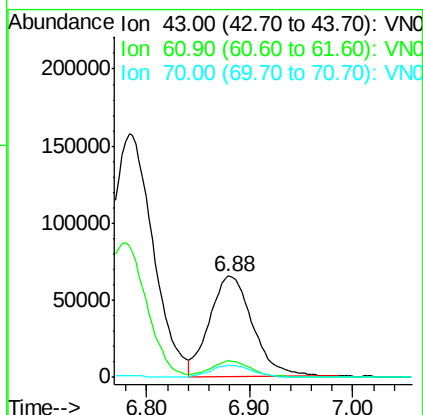
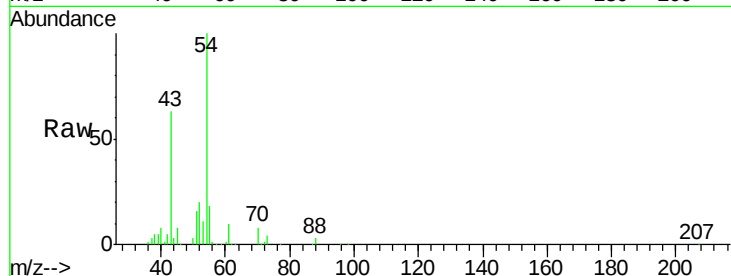




#37
 Ethyl Acetate
 Concen: 55.509 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

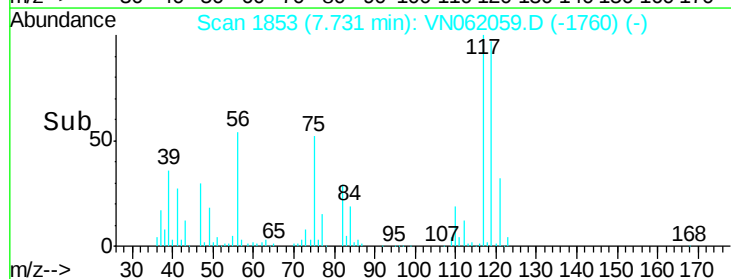
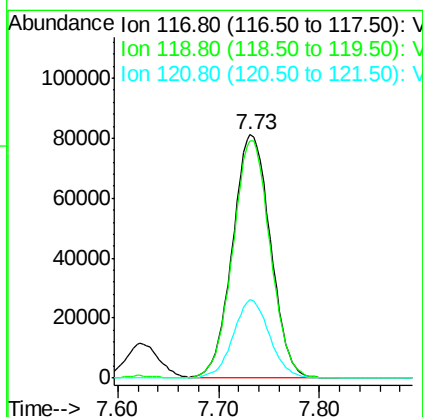
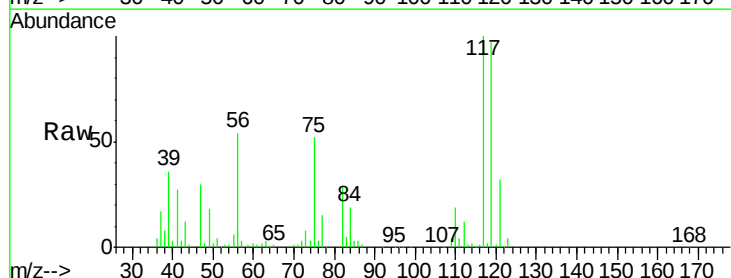
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 190292
 Ion Ratio Lower Upper
 43 100
 61 15.0 12.0 18.0
 70 12.0 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 49.516 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 117 Resp: 211018
 Ion Ratio Lower Upper
 117 100
 119 97.7 78.2 117.2
 121 32.2 25.8 38.6

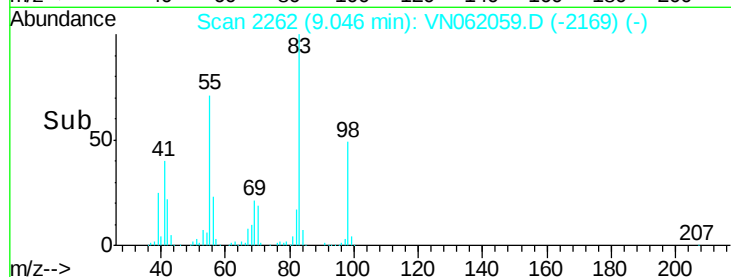
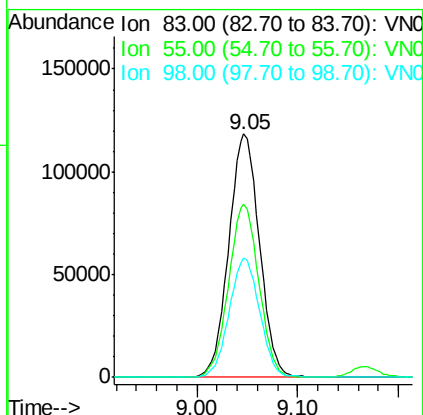
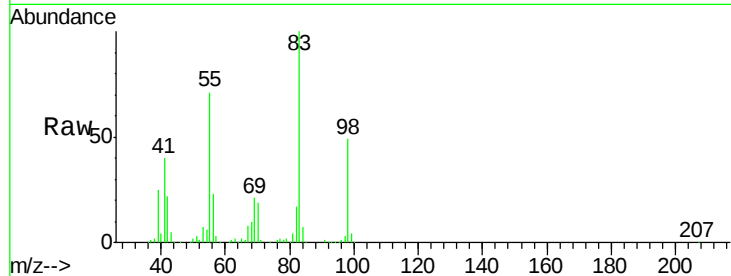




#39
Methylcyclohexane
Concen: 53.663 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

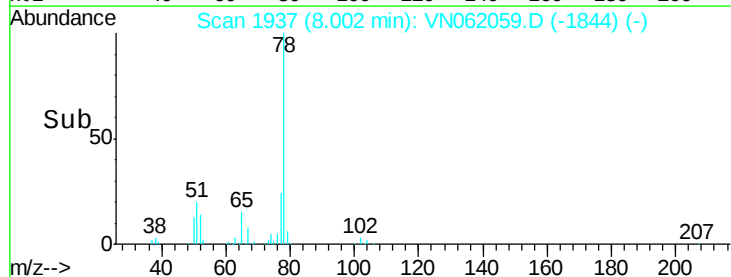
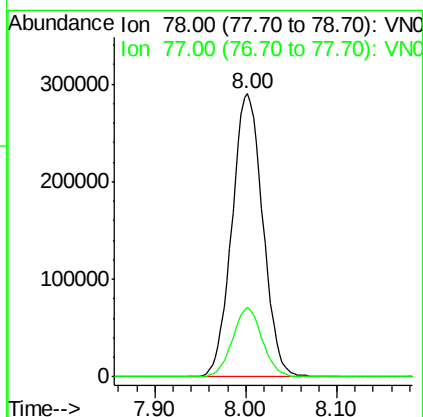
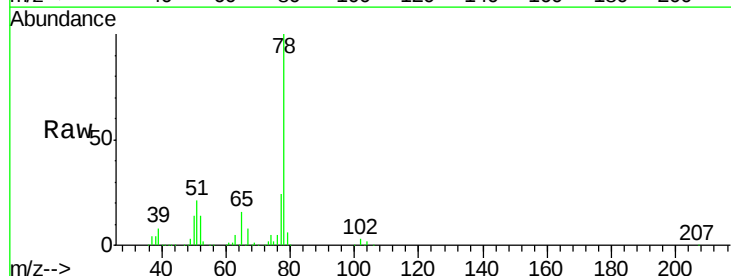
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

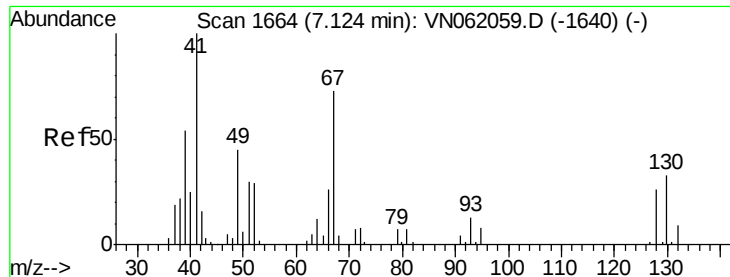
Tgt Ion: 83 Resp: 250173
Ion Ratio Lower Upper
83 100
55 71.3 57.0 85.6
98 48.8 39.0 58.6



#40
Benzene
Concen: 51.989 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 78 Resp: 684812
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

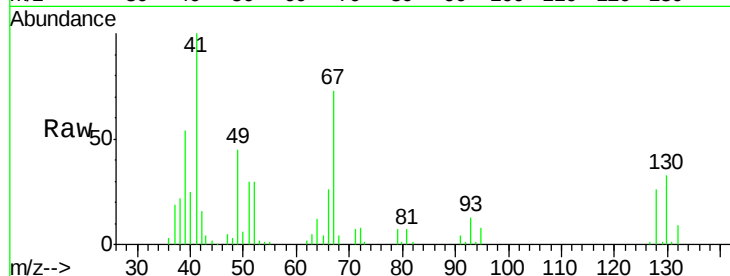




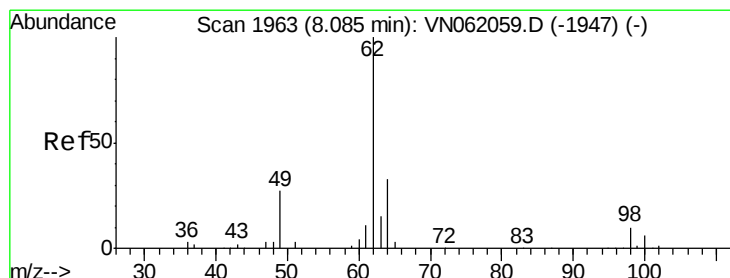
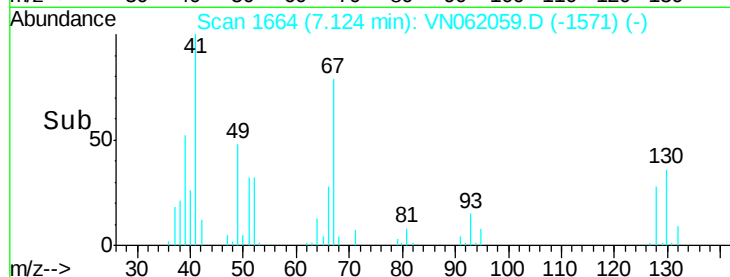
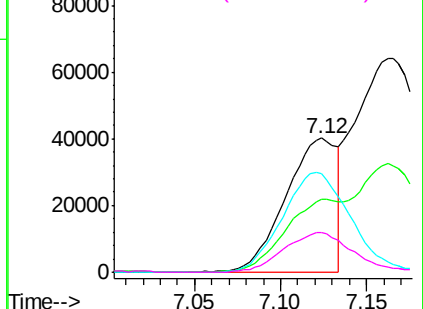
#41
Methacrylonitrile
Concen: 55.927 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 83542
Ion Ratio Lower Upper
41 100
39 55.2 44.2 66.2
67 99.4 79.5 119.3
52 40.4 32.3 48.5

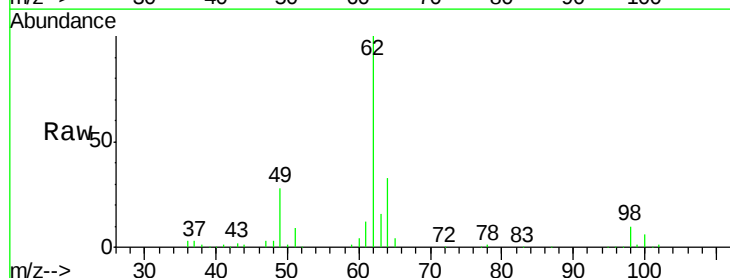


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

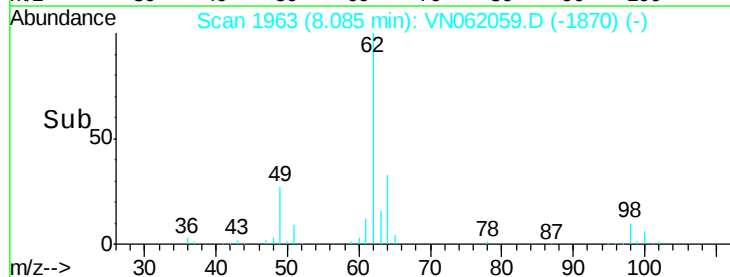
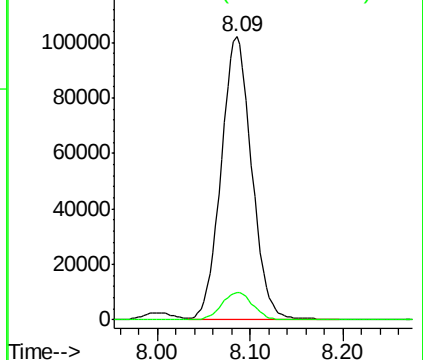


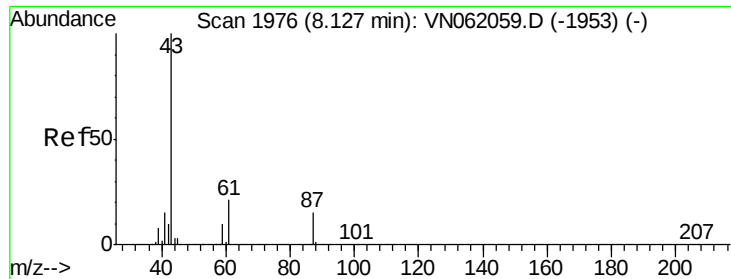
#42
1,2-Dichloroethane
Concen: 51.883 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 62 Resp: 232783
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

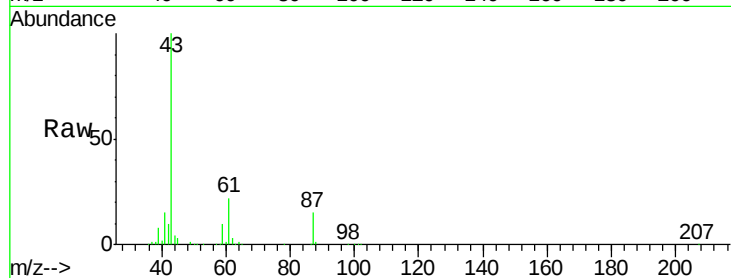




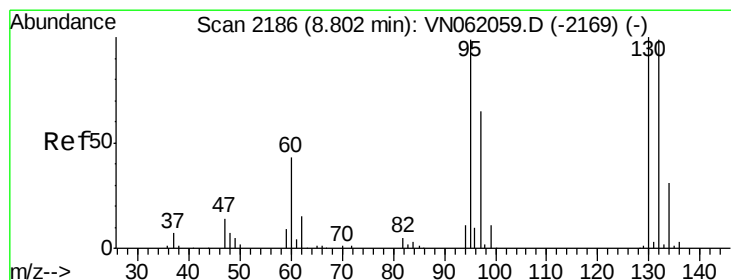
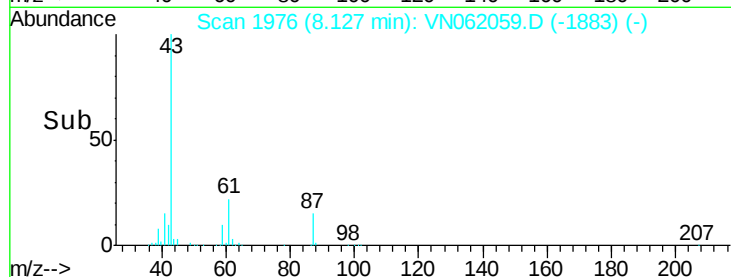
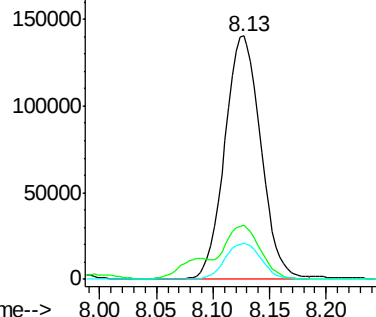
#43
Isopropyl Acetate
Concen: 53.917 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 309460
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 15.1 12.1 18.1

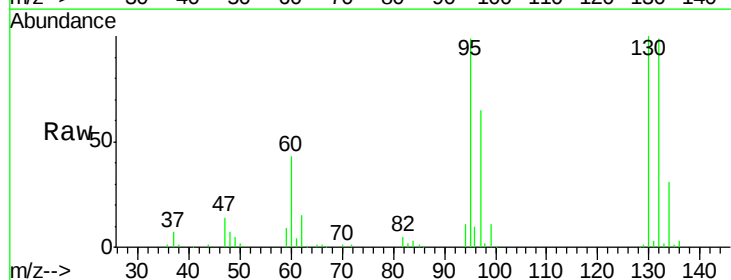


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

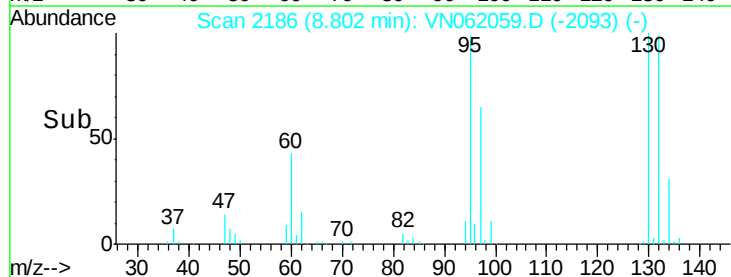
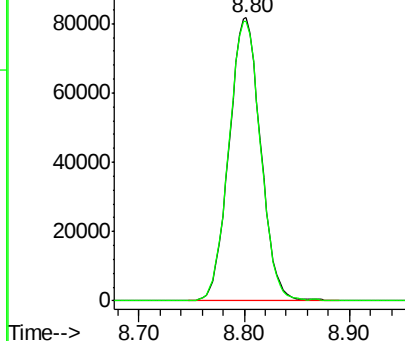


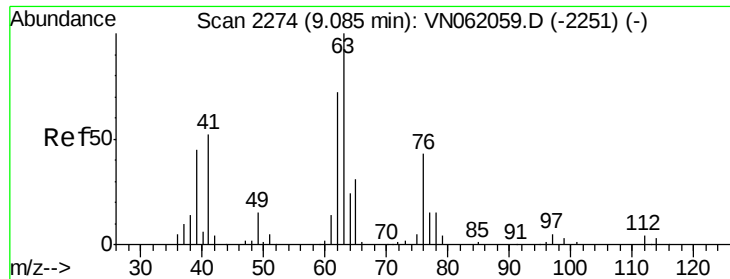
#44
Trichloroethene
Concen: 49.107 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 130 Resp: 168632
Ion Ratio Lower Upper
130 100
95 98.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

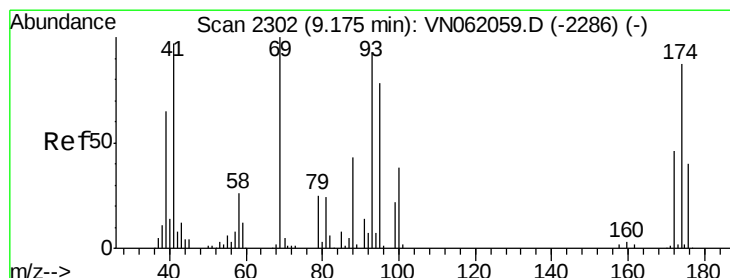
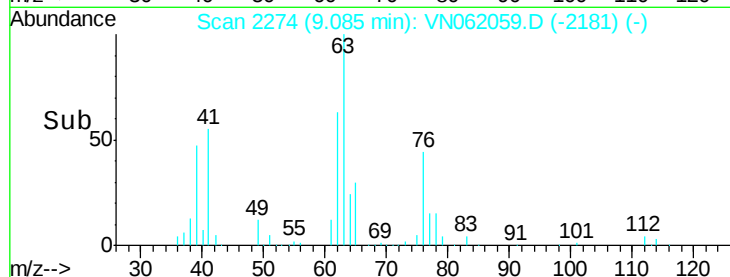
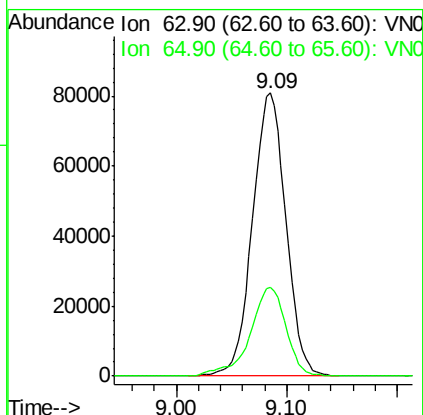
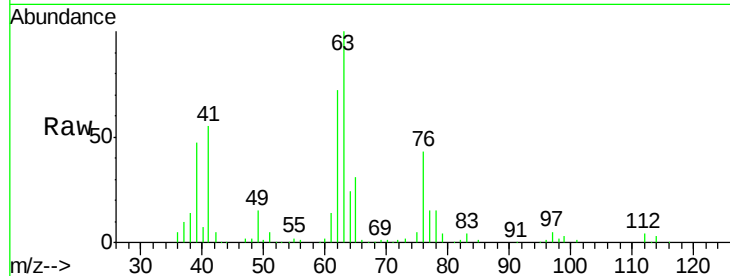




#45
 1,2-Dichloropropane
 Concen: 52.458 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

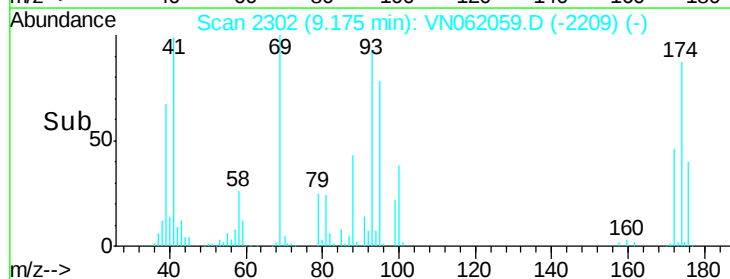
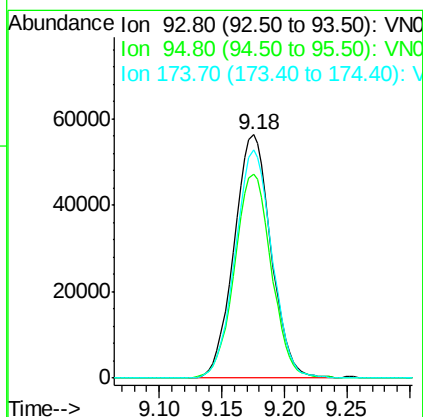
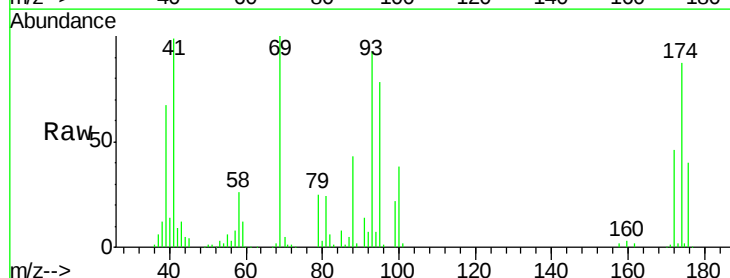
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

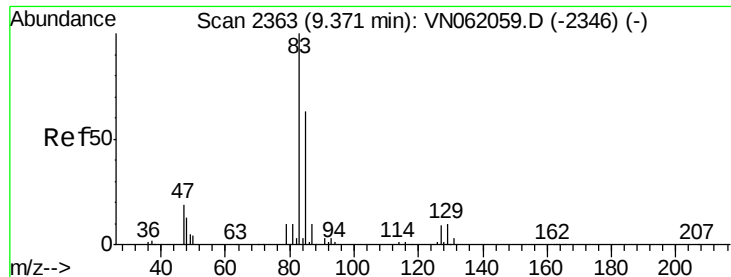
Tgt Ion: 63 Resp: 169604
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 51.065 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 93 Resp: 115572
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 93.0 74.4 111.6





#47

Bromodichloromethane

Concen: 51.254 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

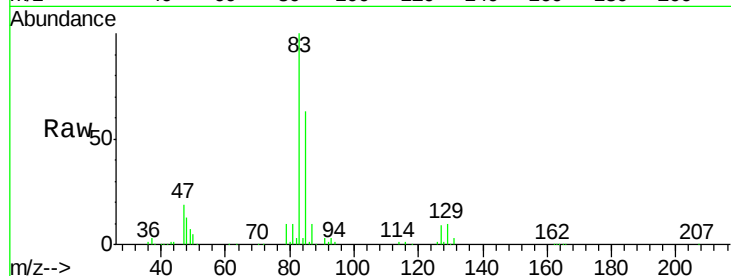
Tgt Ion: 83 Resp: 238247

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

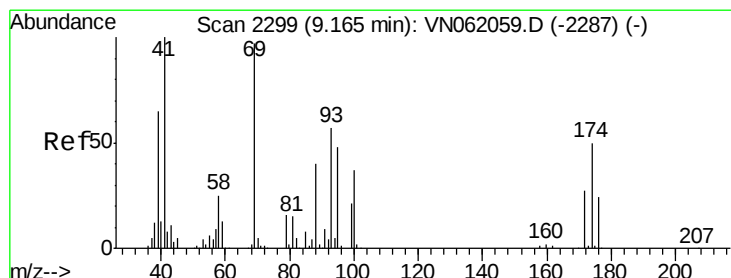
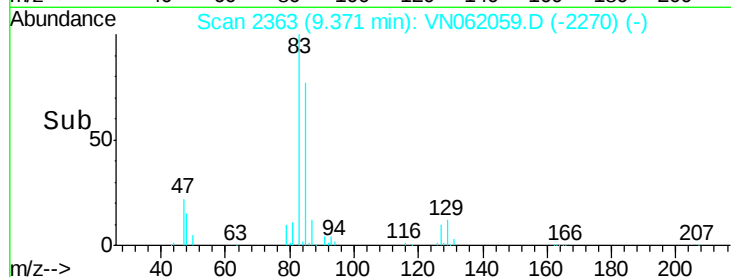
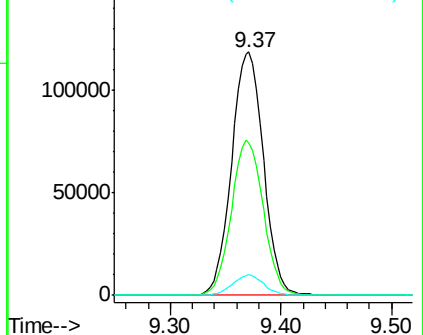
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN062059.D (-2346) (-)



#48

Methyl methacrylate

Concen: 54.187 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

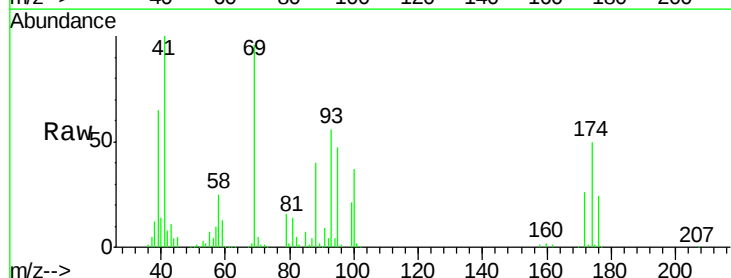
Tgt Ion: 41 Resp: 142101

Ion Ratio Lower Upper

41 100

69 100.9 80.7 121.1

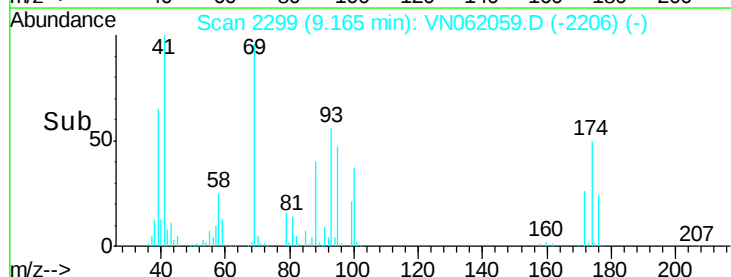
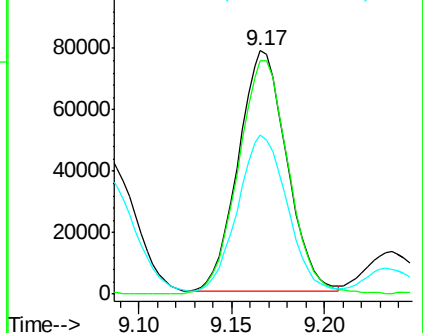
39 68.1 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-2287) (-)

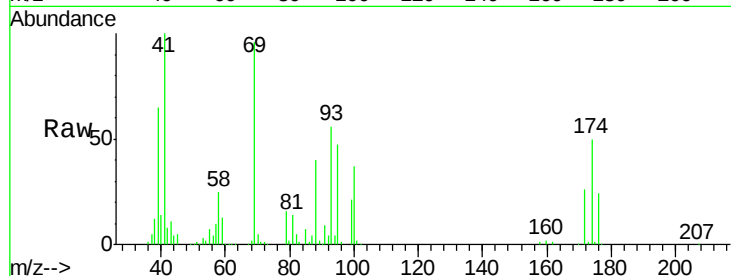




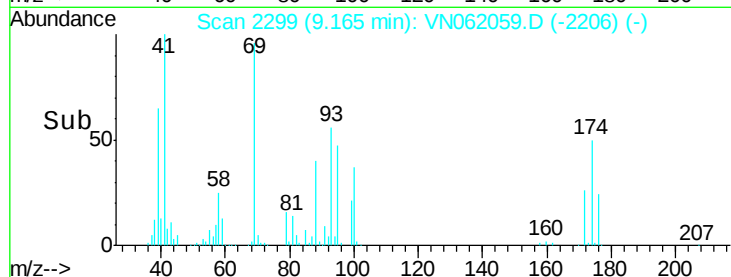
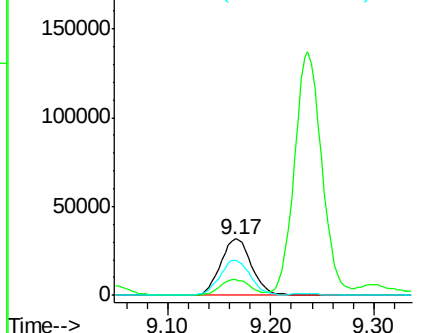
#49
1,4-Dioxane
Concen: 1105.829 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 66727
Ion Ratio Lower Upper
88 100
43 27.5 22.0 33.0
58 61.5 49.2 73.8

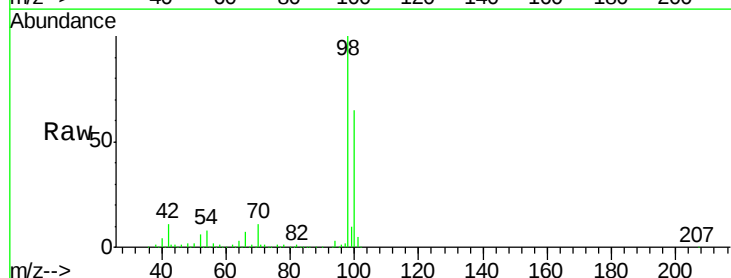


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

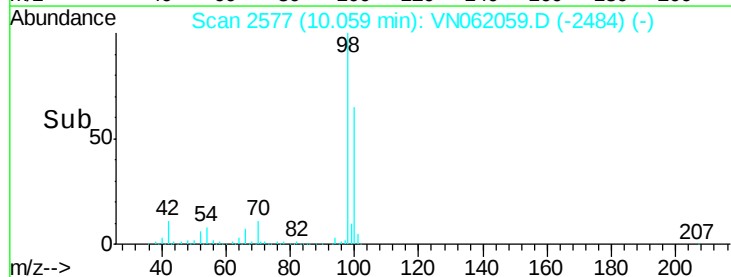
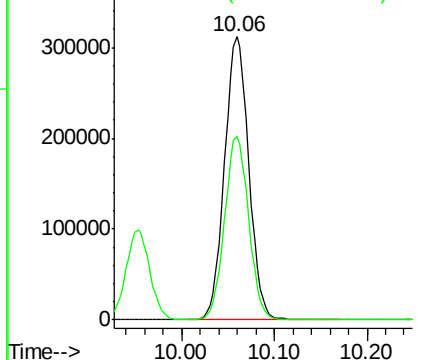


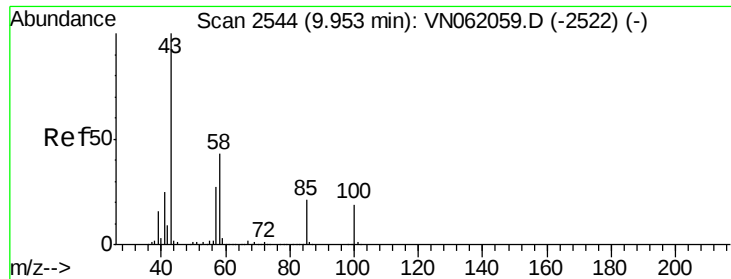
#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 98 Resp: 565517
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



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

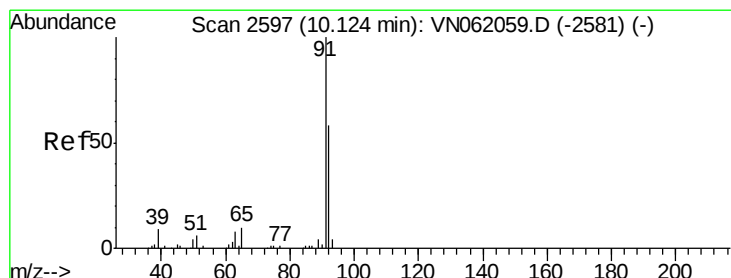
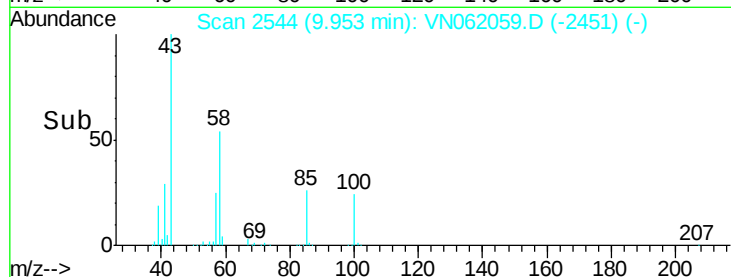
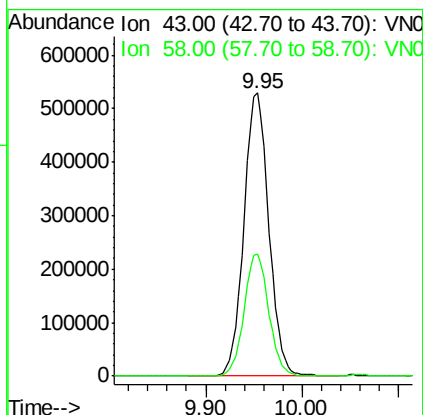
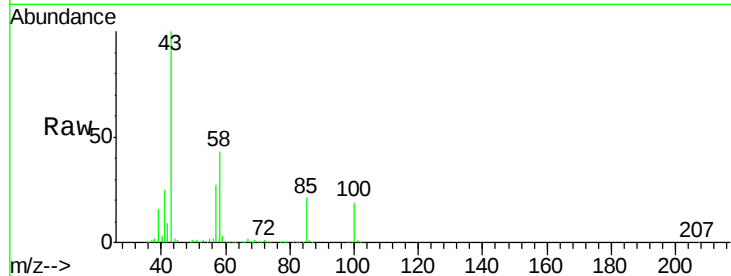




#51
 4-Methyl-2-Pentanone
 Concen: 277.734 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

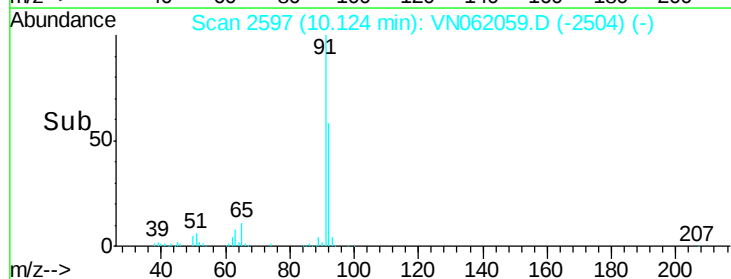
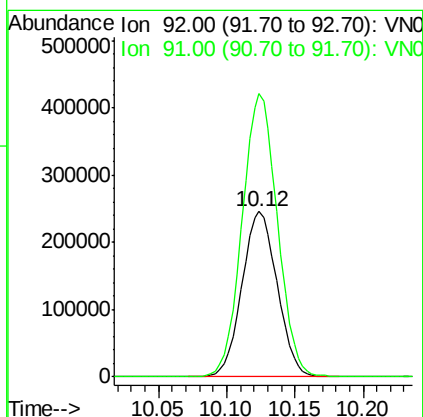
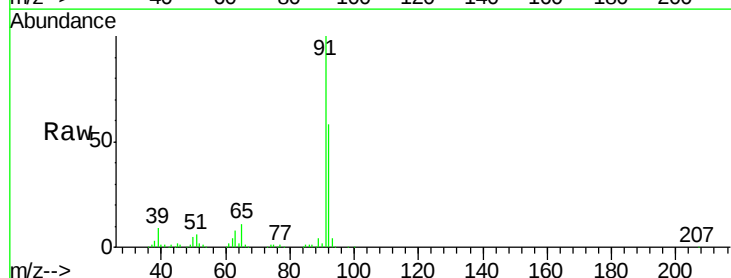
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

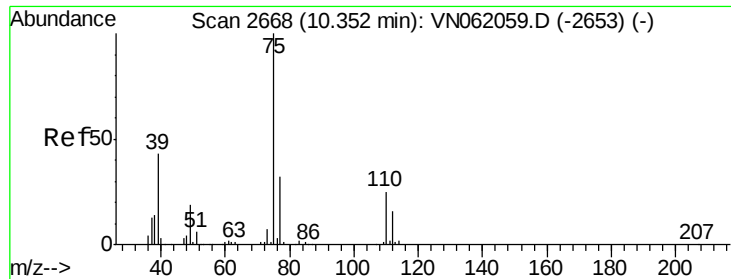
Tgt Ion: 43 Resp: 947970
 Ion Ratio Lower Upper
 43 100
 58 42.7 34.2 51.2



#52
 Toluene
 Concen: 53.430 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 92 Resp: 440898
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

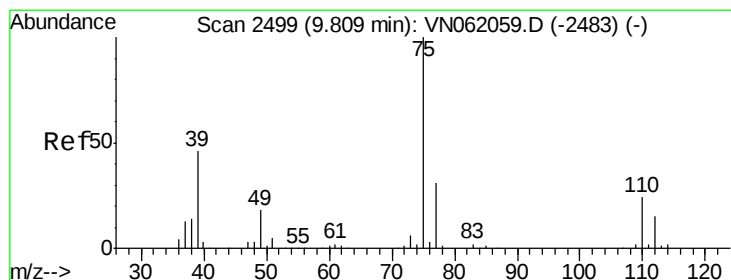
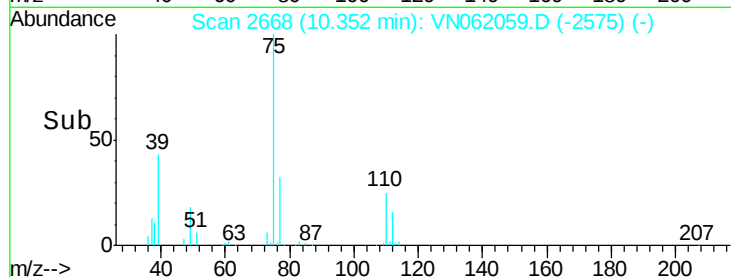
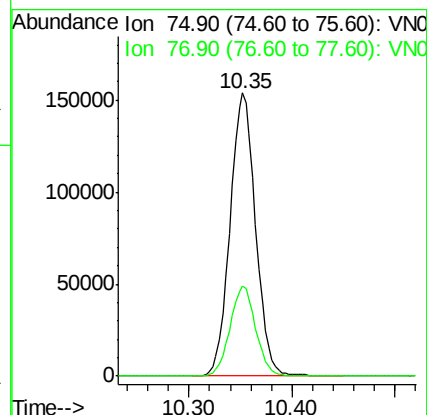
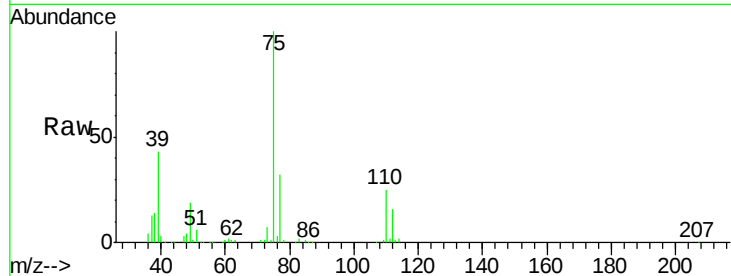
VSTDICCC050

Tgt Ion: 75 Resp: 265189

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.907 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

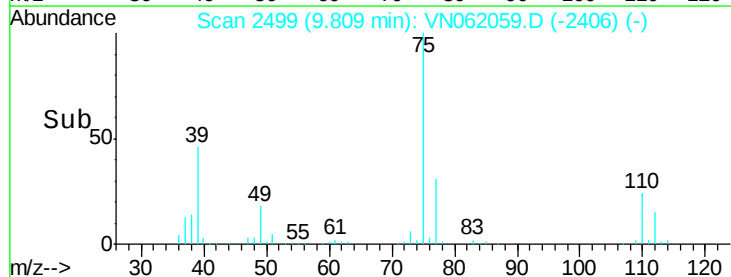
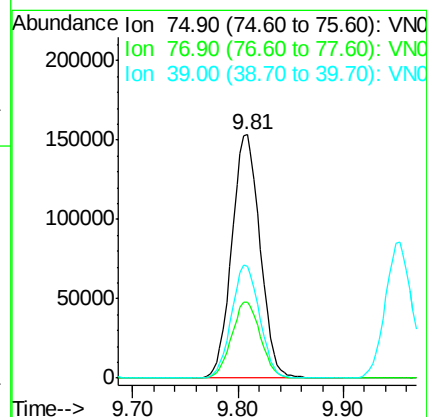
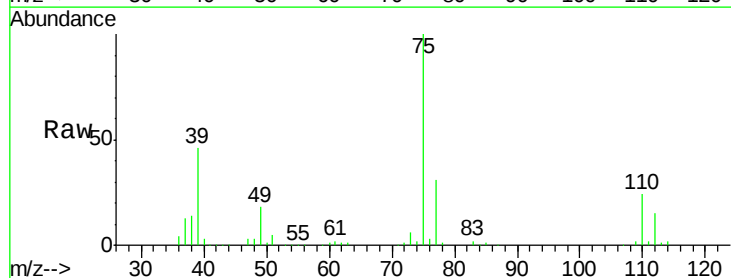
Tgt Ion: 75 Resp: 284627

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 46.1 36.9 55.3

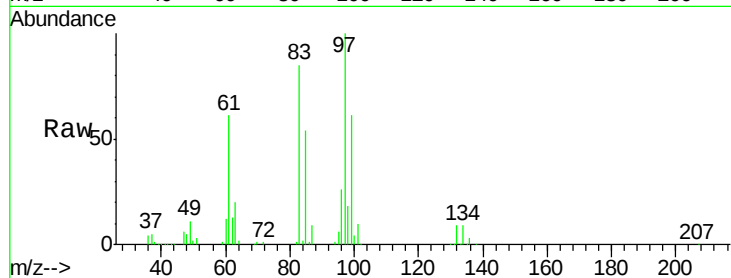




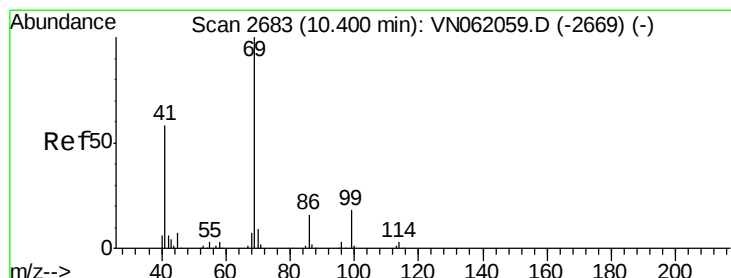
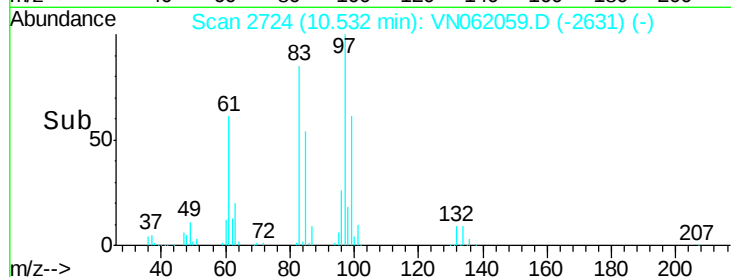
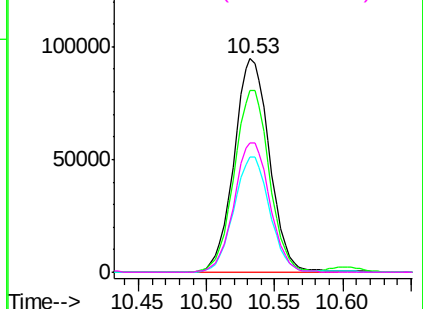
#55
 1,1,2-Trichloroethane
 Concen: 52.694 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tgt Ion: 97 Resp: 171273
 Ion Ratio Lower Upper
 97 100
 83 85.2 68.2 102.2
 85 54.0 43.2 64.8
 99 60.6 48.5 72.7

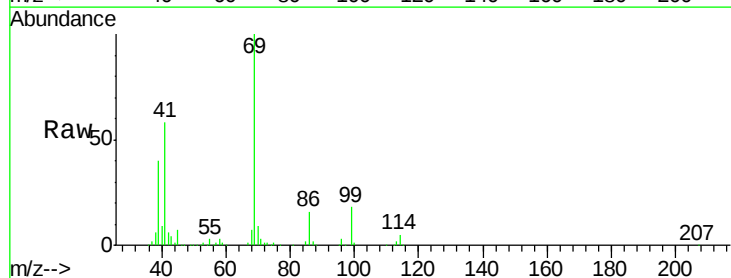


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

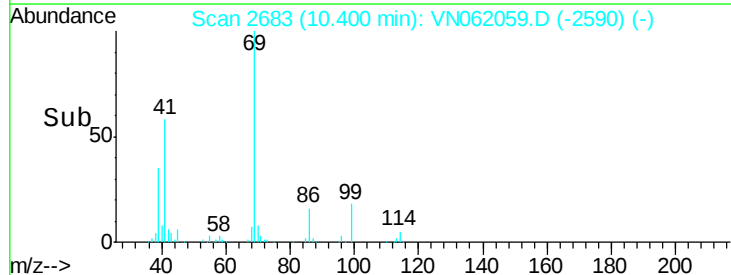
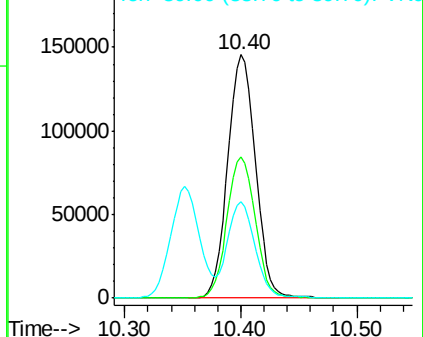


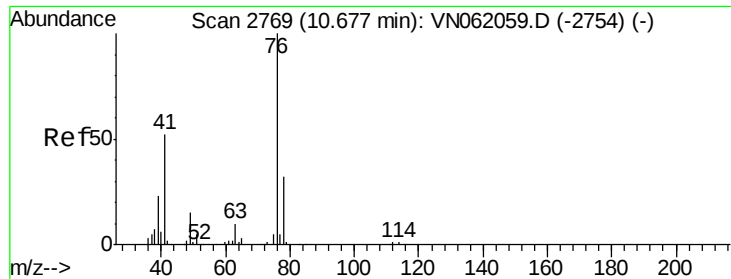
#56
 Ethyl methacrylate
 Concen: 55.573 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 69 Resp: 241806
 Ion Ratio Lower Upper
 69 100
 41 58.3 46.6 70.0
 39 38.7 31.0 46.4



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

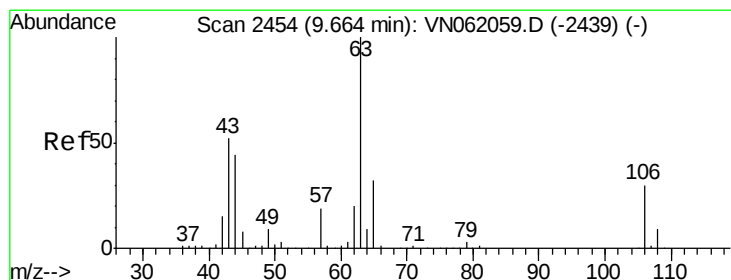
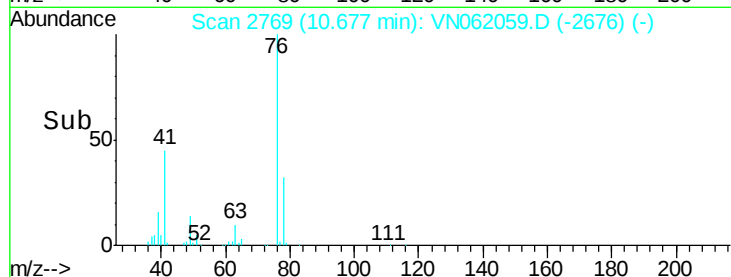
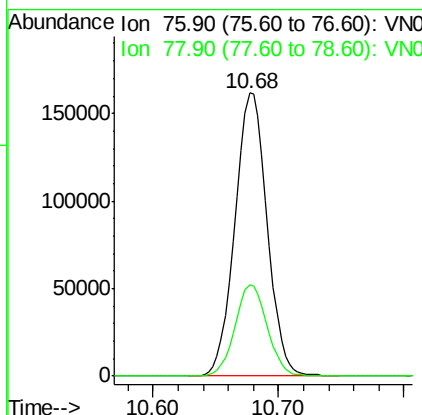
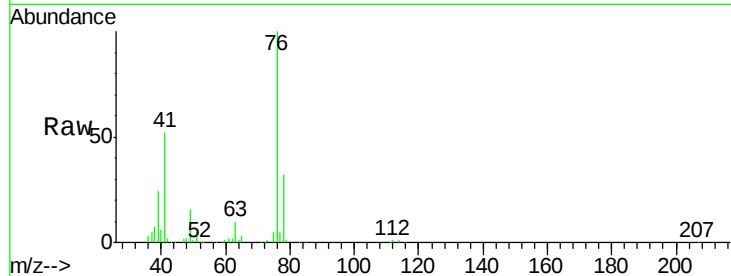




#57
 1,3-Dichloropropane
 Concen: 52.424 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

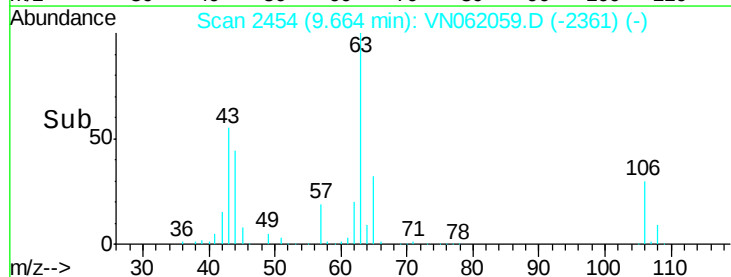
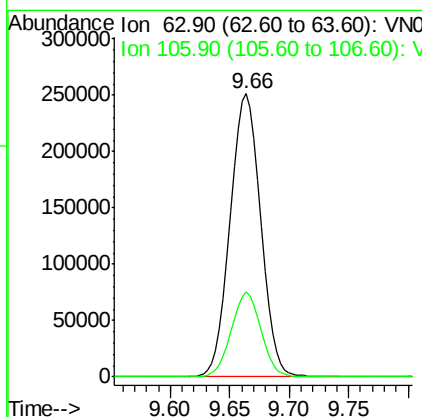
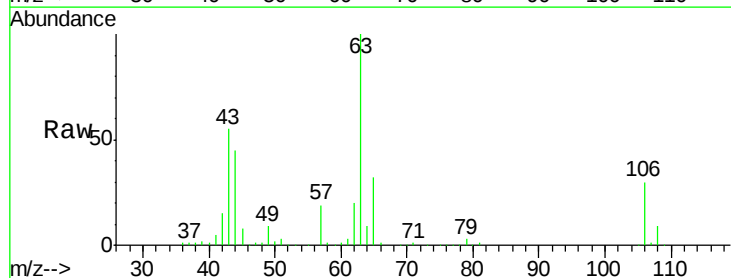
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

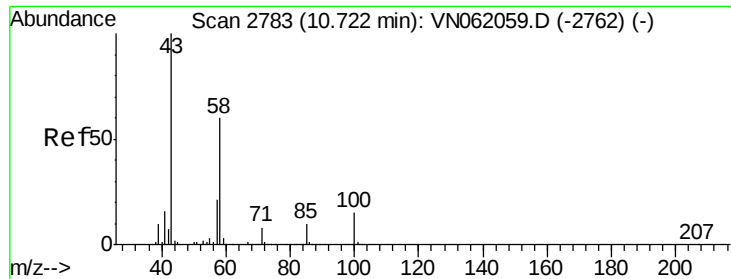
Tgt Ion: 76 Resp: 288830
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.067 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 63 Resp: 449013
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

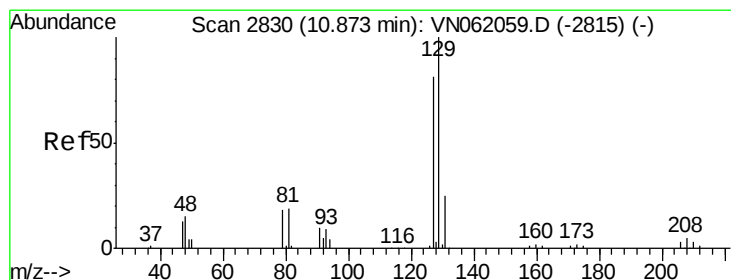
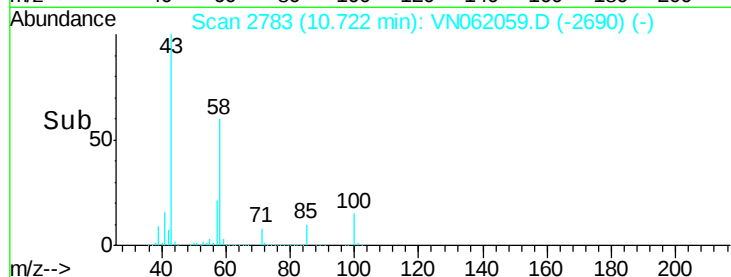
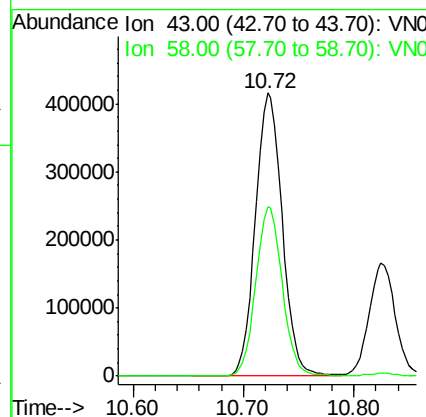
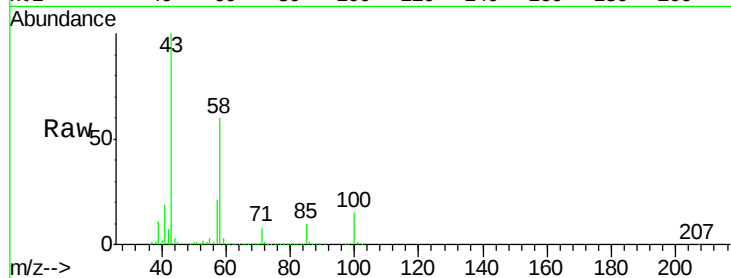




#59
2-Hexanone
Concen: 286.986 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

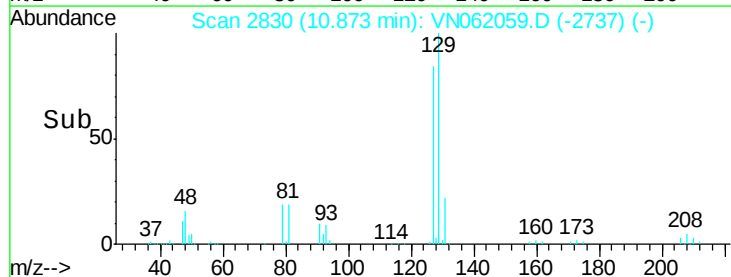
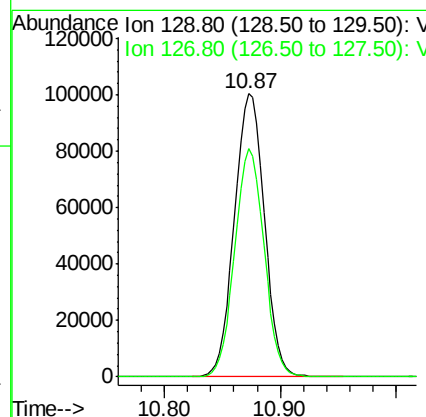
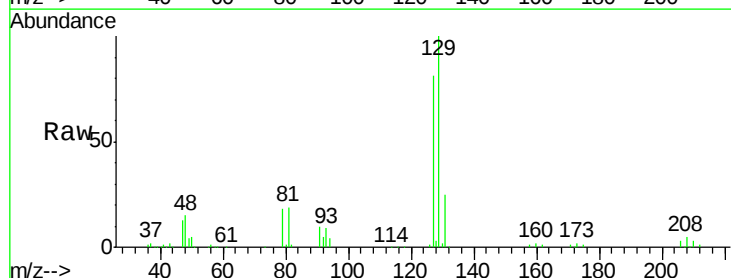
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

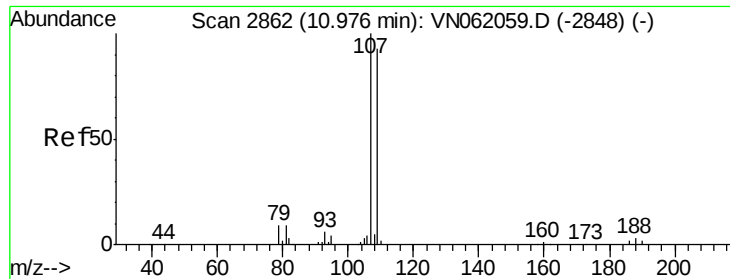
Tgt Ion: 43 Resp: 703806
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 50.183 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 129 Resp: 180386
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5

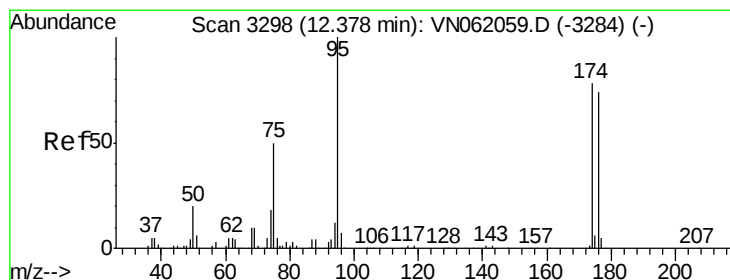
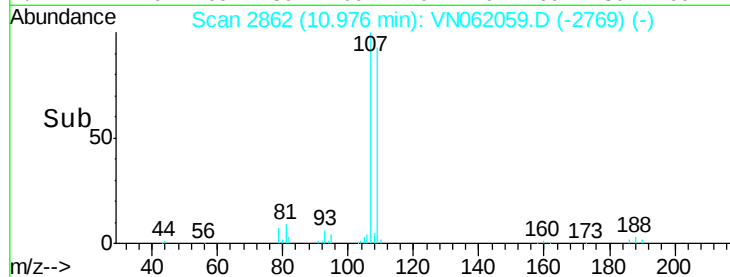
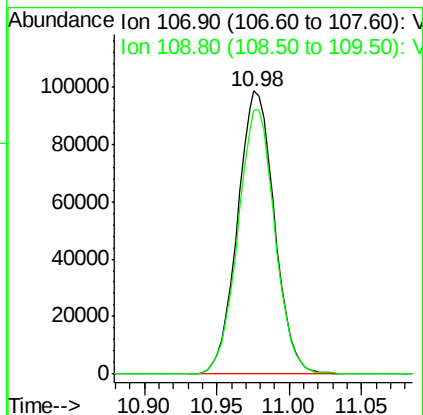
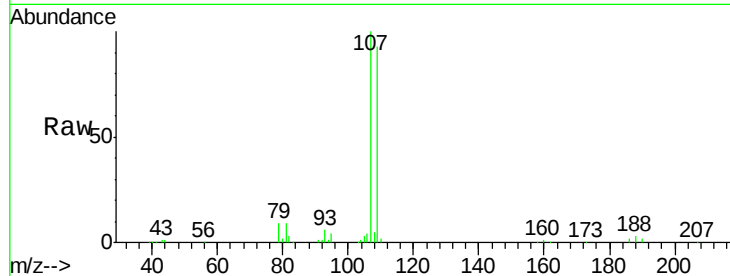




#61
 1,2-Dibromoethane
 Concen: 51.523 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

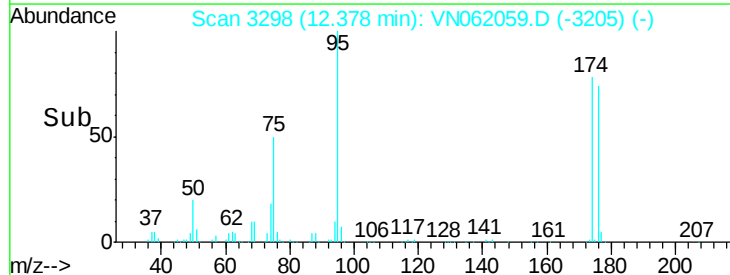
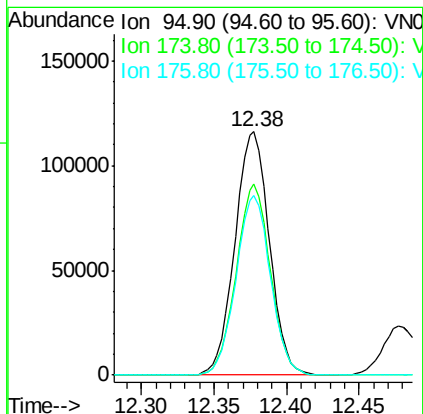
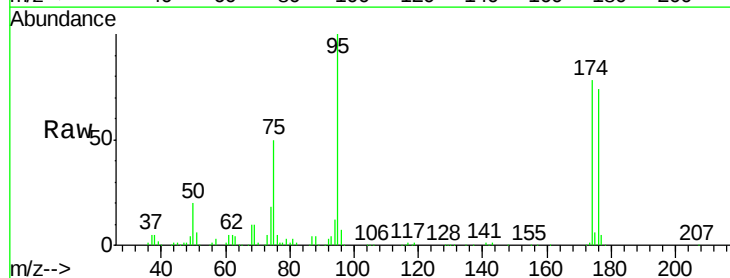
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

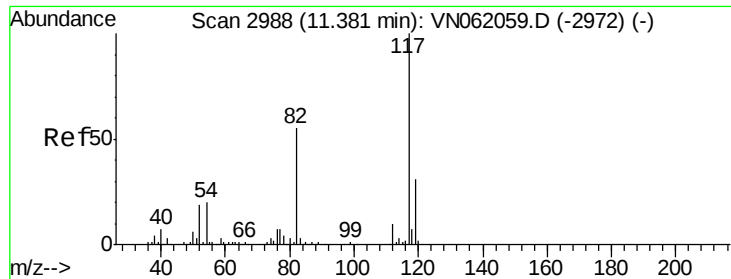
Tgt Ion: 107 Resp: 174197
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.376 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 95 Resp: 192319
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 154.8
 176 73.7 0.0 147.4

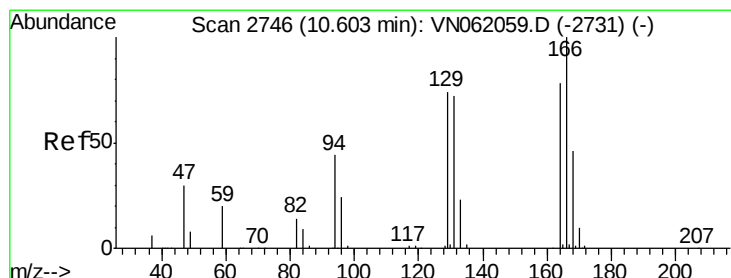
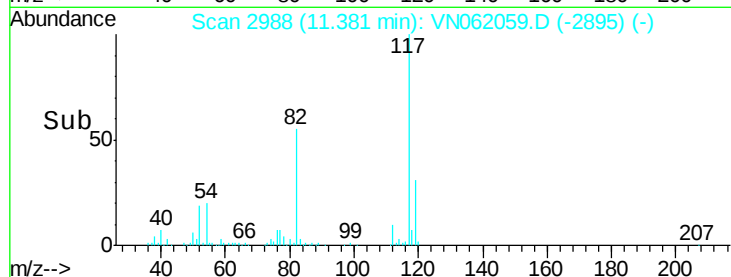
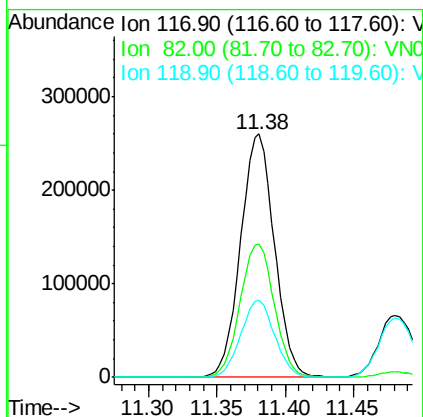
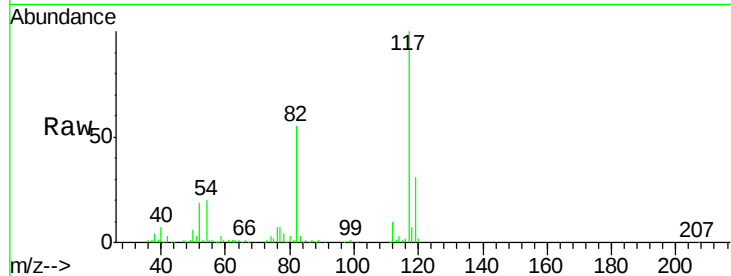




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

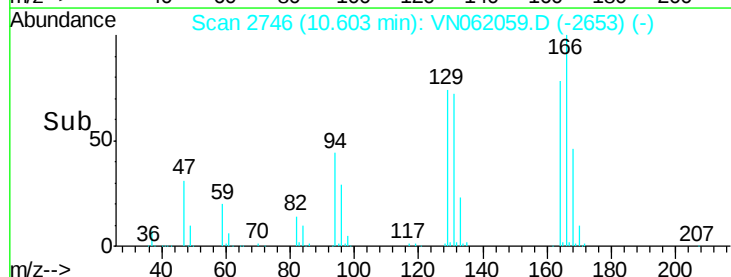
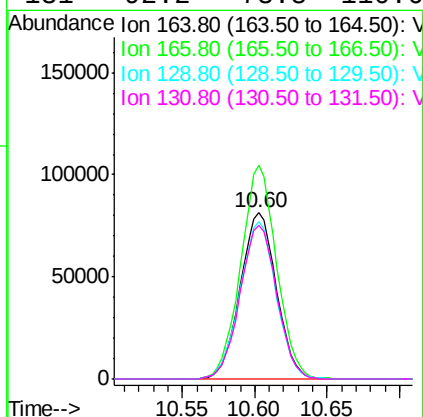
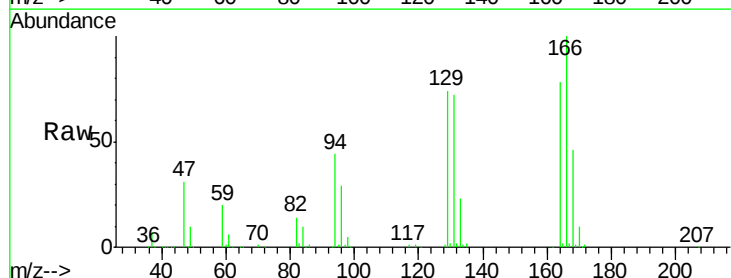
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 448231
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 49.660 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion:164 Resp: 141464
Ion Ratio Lower Upper
164 100
166 128.6 102.9 154.3
129 94.8 75.8 113.8
131 92.2 73.8 110.6

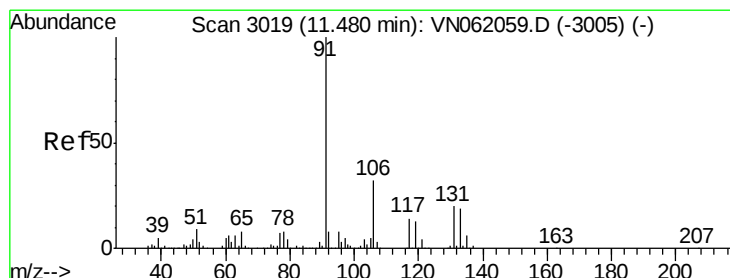
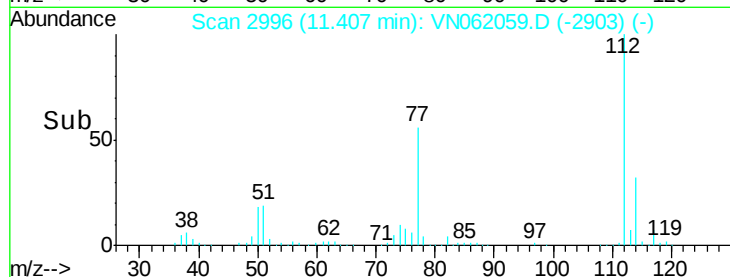
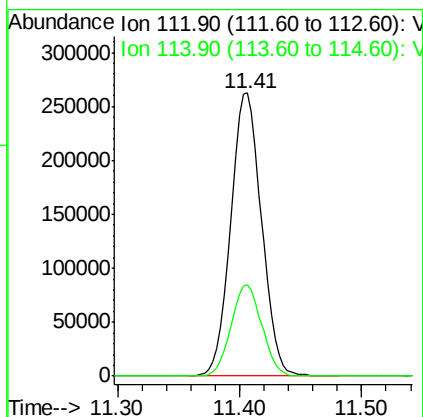
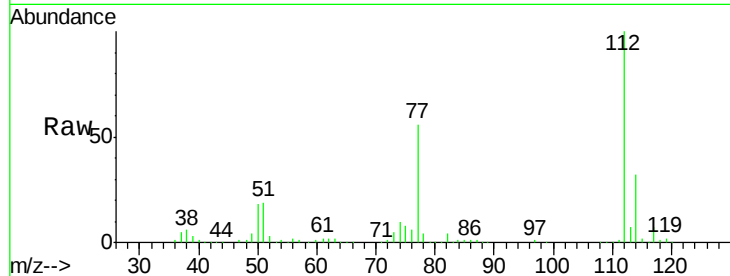




#65
Chlorobenzene
Concen: 48.760 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

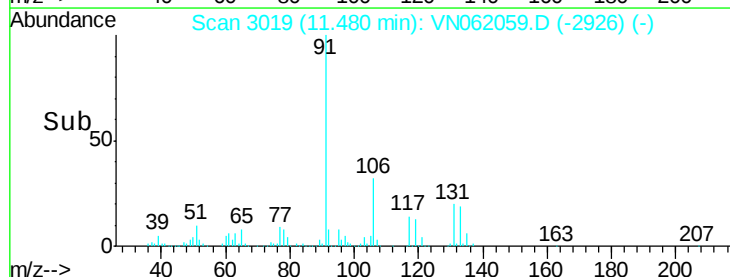
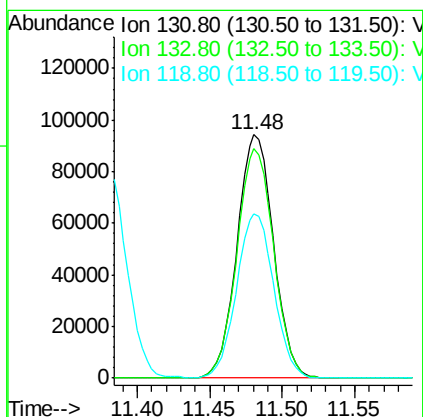
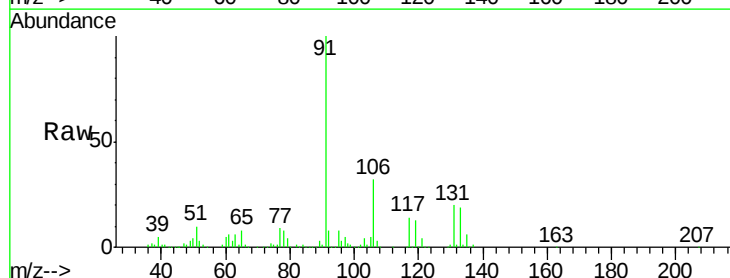
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

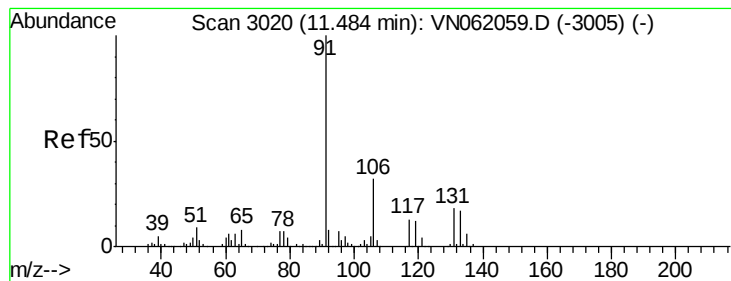
Tgt Ion:112 Resp: 461198
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.093 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion:131 Resp: 164623
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 68.9 34.4 103.3





#67

Ethyl Benzene

Concen: 52.072 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

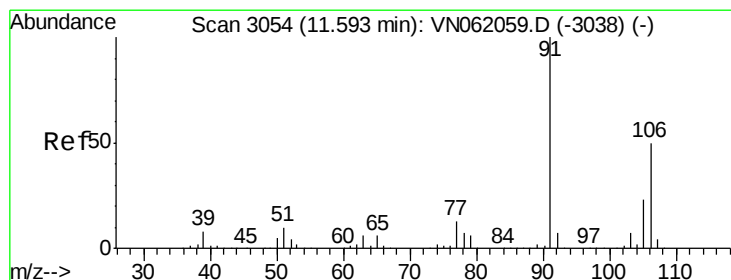
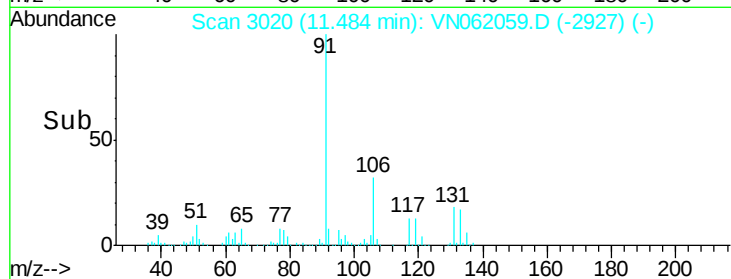
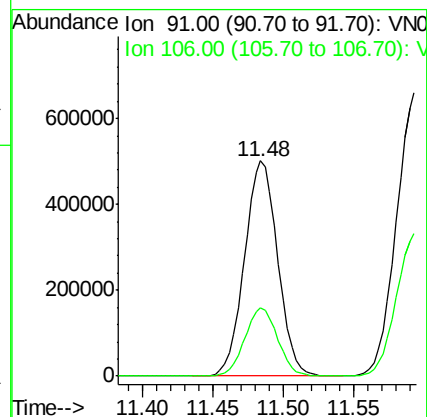
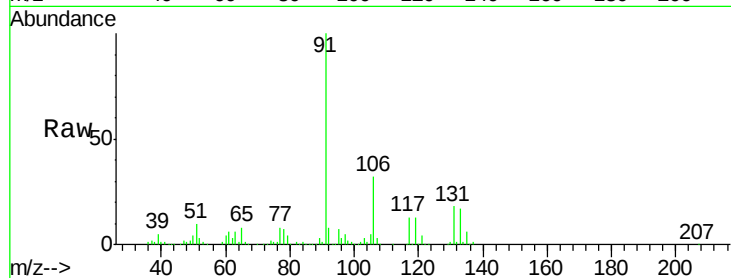
VSTDICCC050

Tgt Ion: 91 Resp: 827562

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



#68

m/p-Xylenes

Concen: 105.290 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN062059.D

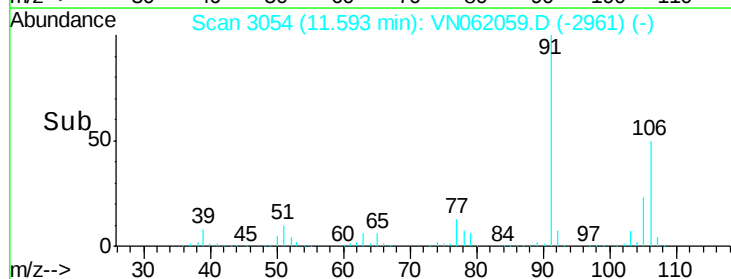
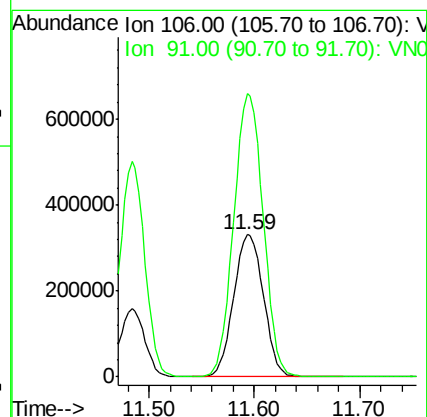
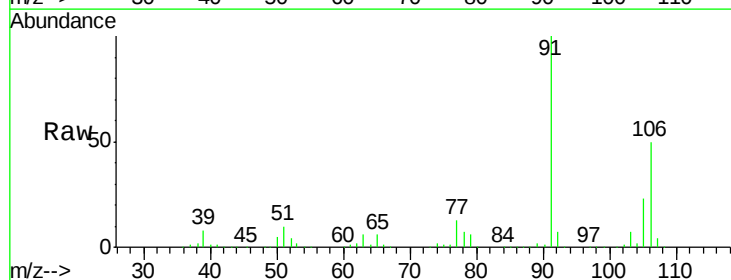
Acq: 24 Jun 2020 10:54

Tgt Ion: 106 Resp: 645363

Ion Ratio Lower Upper

106 100

91 197.3 157.8 236.8

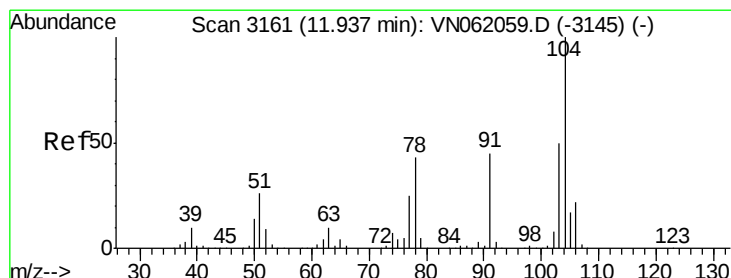
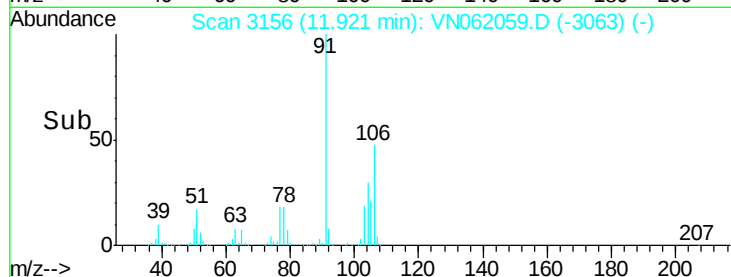
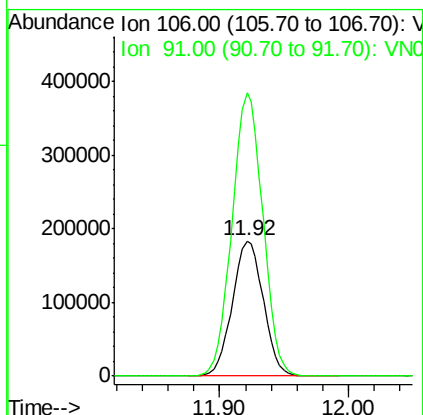
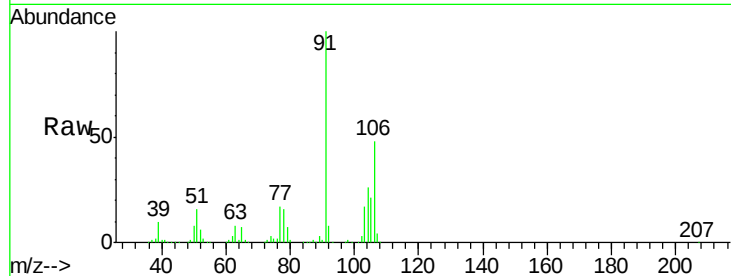




#69
o-Xylene
Concen: 52.576 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

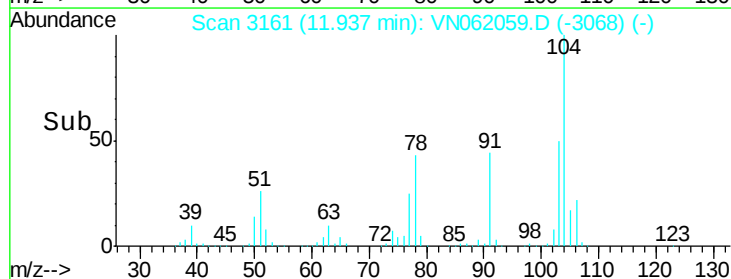
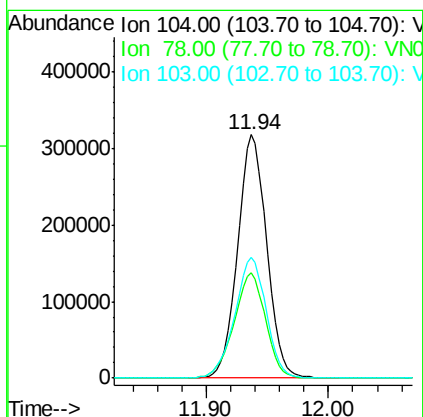
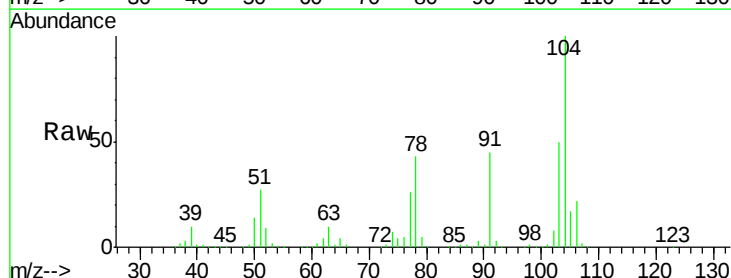
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 306695
Ion Ratio Lower Upper
106 100
91 207.9 104.0 311.9



#70
Styrene
Concen: 53.529 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion:104 Resp: 522799
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 53.8 43.0 64.6

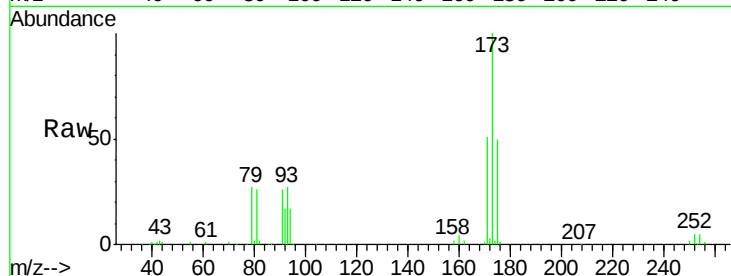




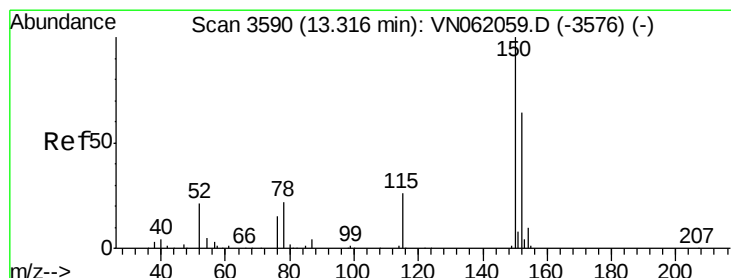
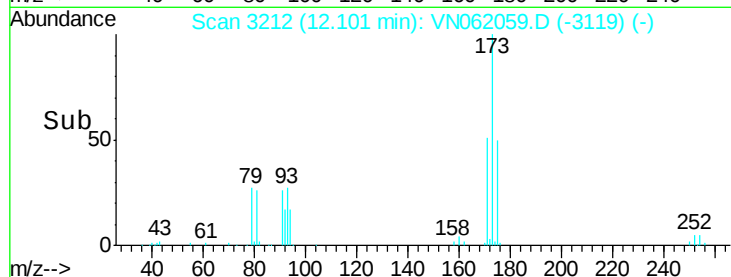
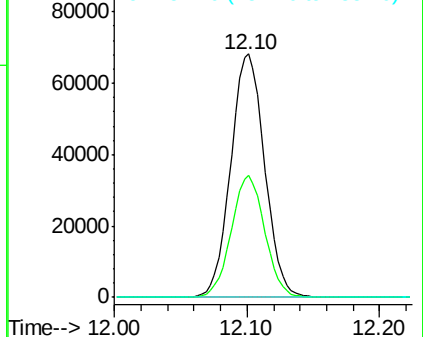
#71
Bromoform
Concen: 50.598 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 120925
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.0 0.0 0.0

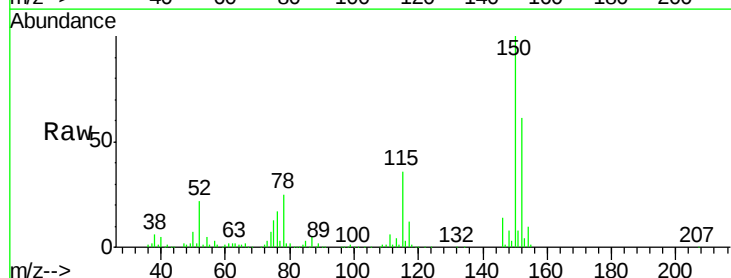


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

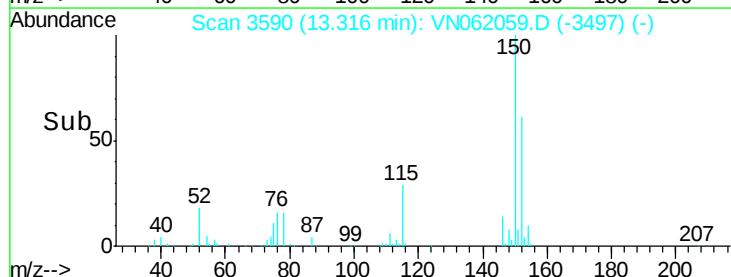
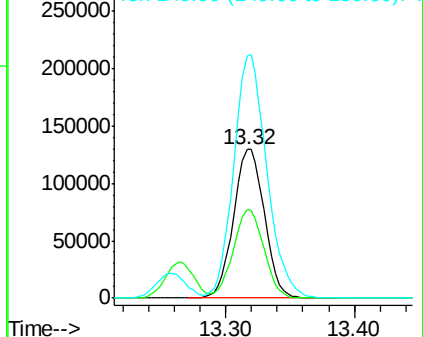


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion:152 Resp: 215783
Ion Ratio Lower Upper
152 100
115 59.0 29.5 88.5
150 175.7 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: 52.147 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

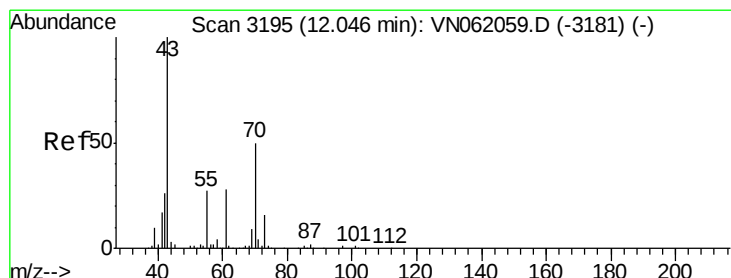
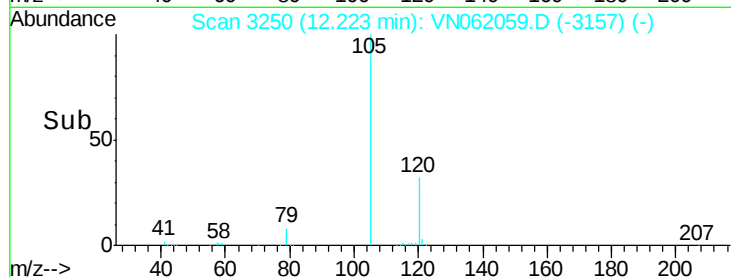
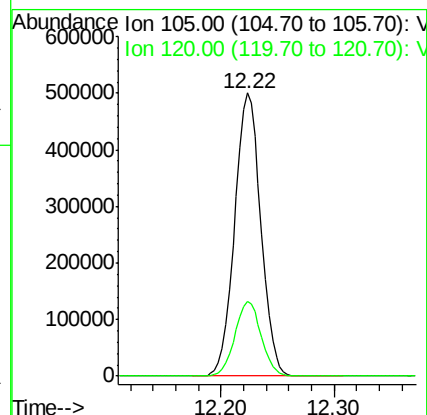
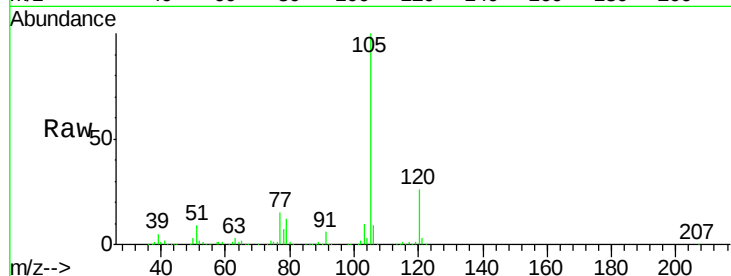
VSTDICCC050

Tgt Ion:105 Resp: 803592

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 55.964 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Tgt Ion: 43 Resp: 279531

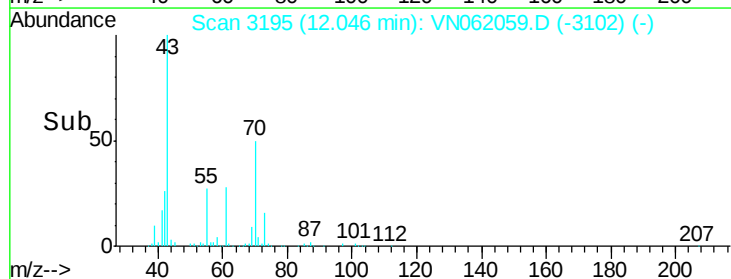
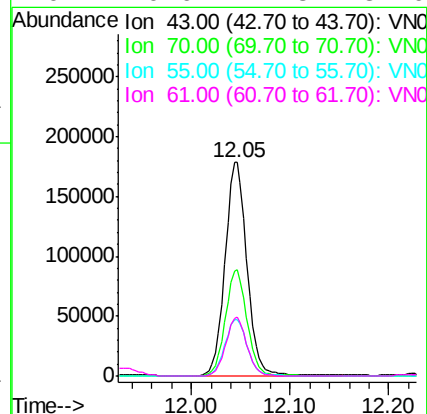
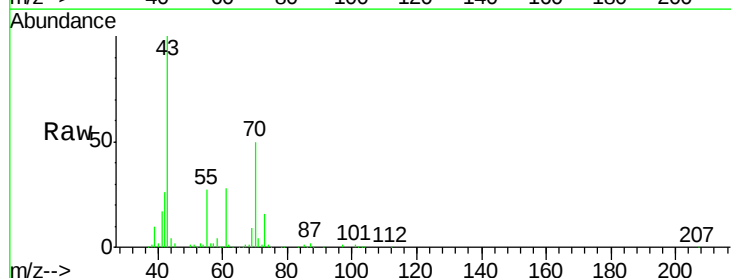
Ion Ratio Lower Upper

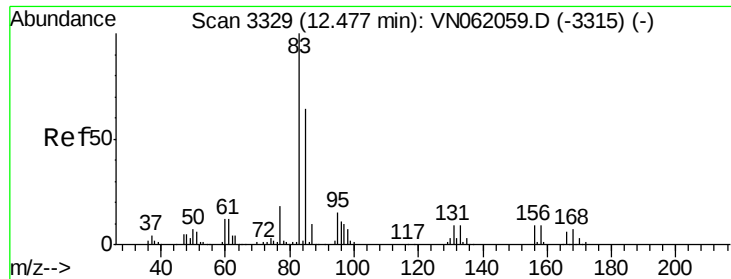
43 100

70 49.3 39.4 59.2

55 27.1 21.7 32.5

61 26.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.416 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

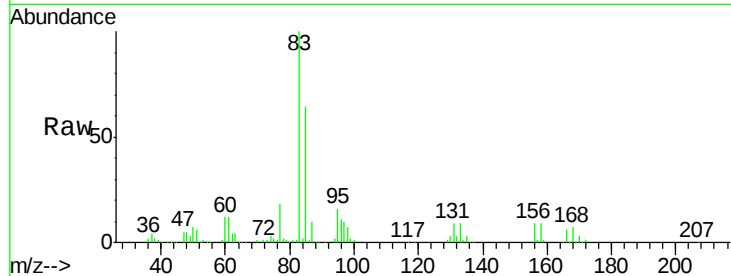
Tgt Ion: 83 Resp: 254517

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

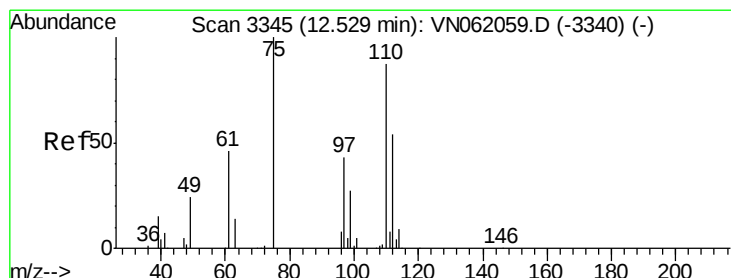
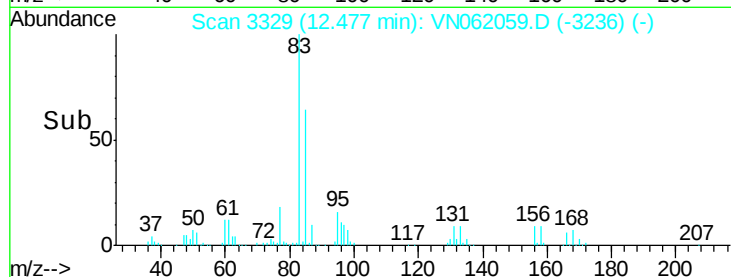
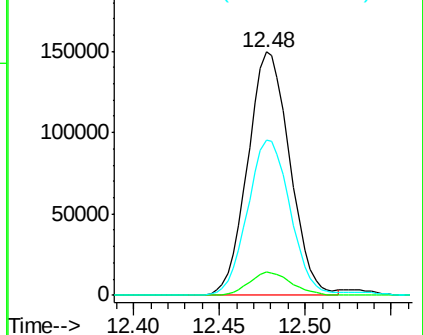
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-3329) (-)

Ion 130.80 (130.50 to 131.50): VN062059.D (-3329) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-3329) (-)



#76

1,2,3-Trichloropropane

Concen: 74.663 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062059.D

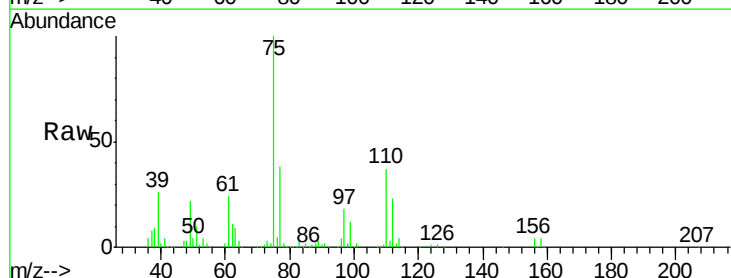
Acq: 24 Jun 2020 10:54

Tgt Ion: 75 Resp: 320778

Ion Ratio Lower Upper

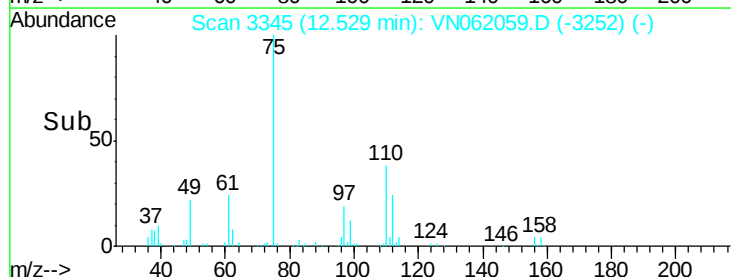
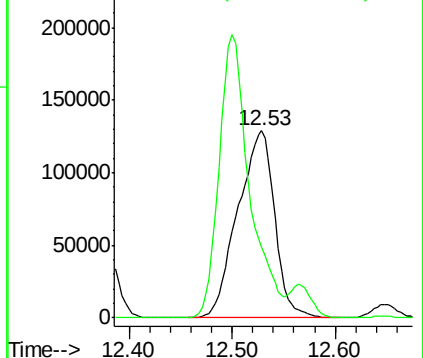
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062059.D (-3345) (-)

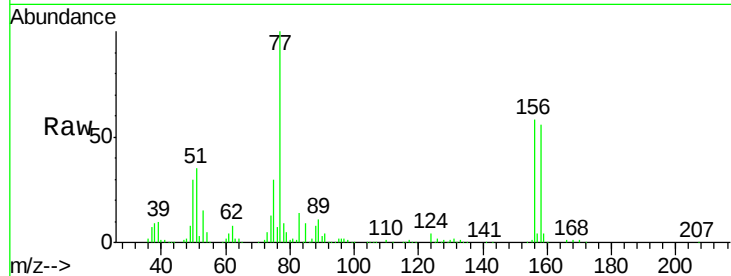




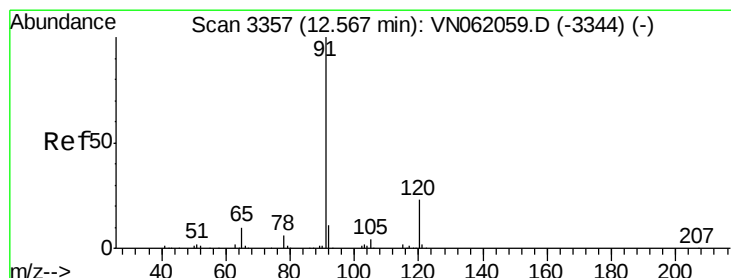
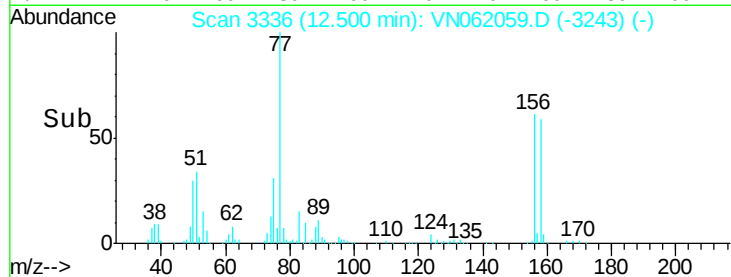
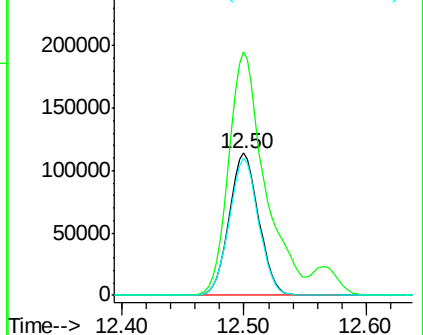
#77
Bromobenzene
Concen: 49.645 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion:156 Resp: 192459
Ion Ratio Lower Upper
156 100
77 209.2 104.6 313.8
158 96.0 48.0 144.0

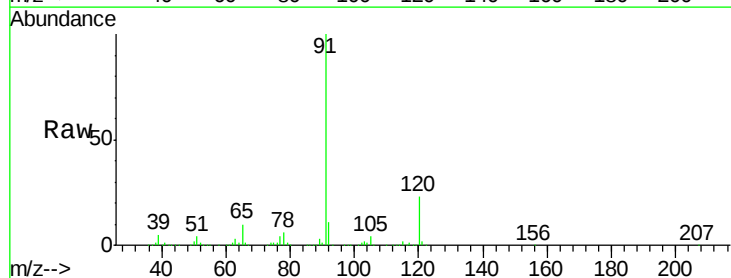


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

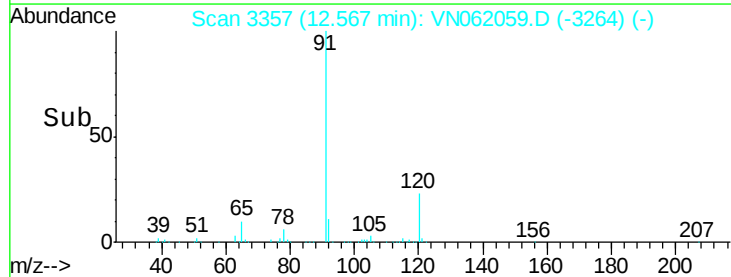
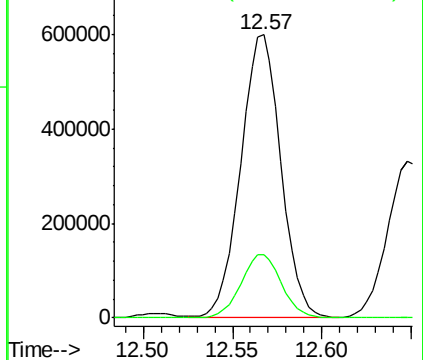


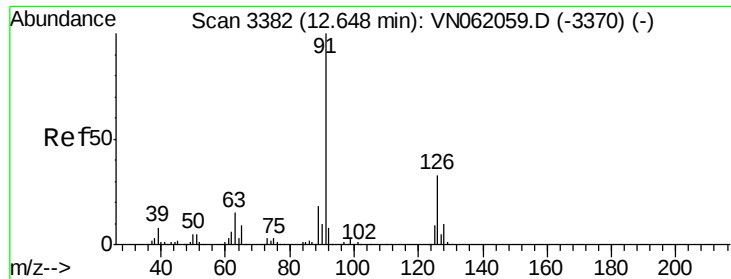
#78
n-propylbenzene
Concen: 52.901 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion: 91 Resp: 934183
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

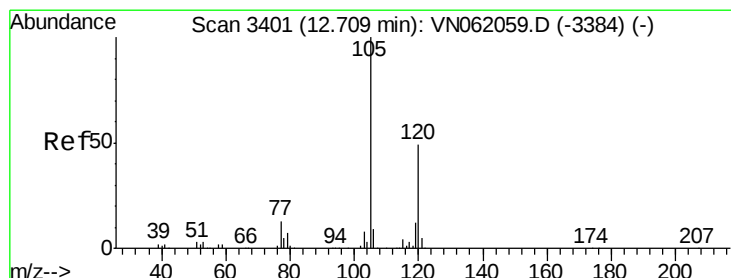
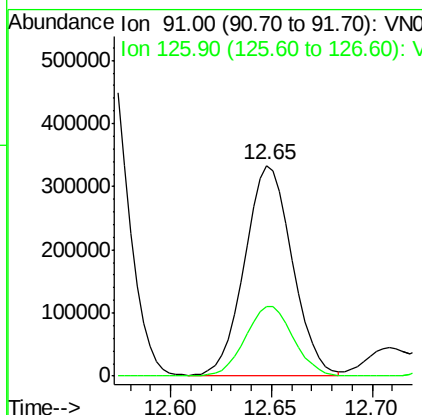
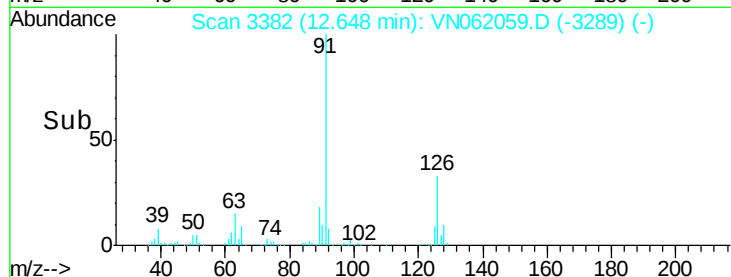
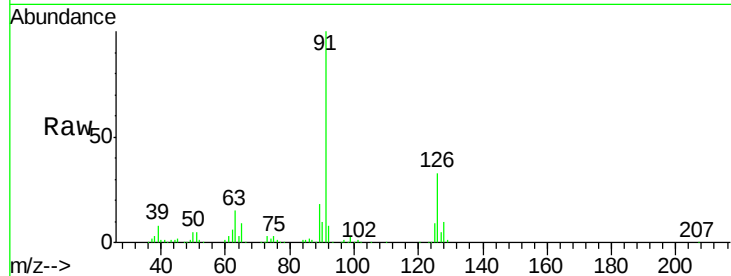




#79
 2-Chlorotoluene
 Concen: 51.583 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

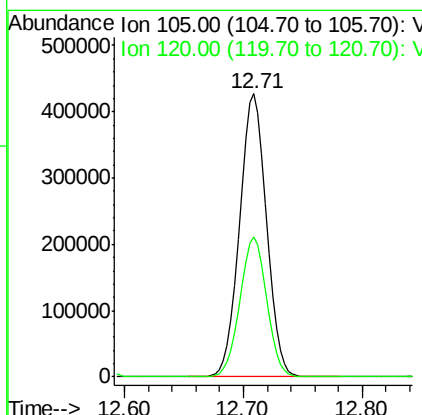
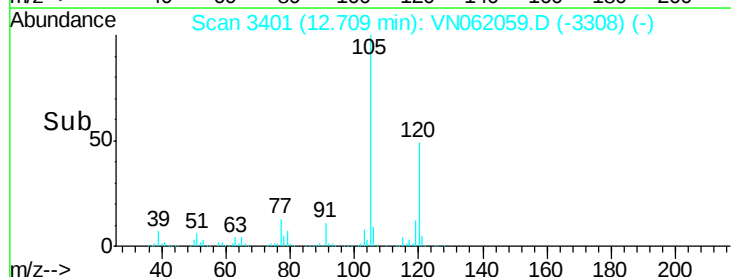
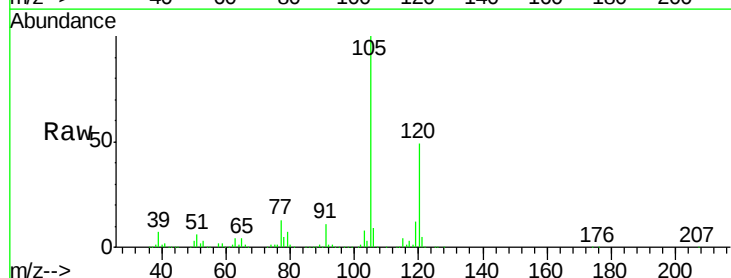
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

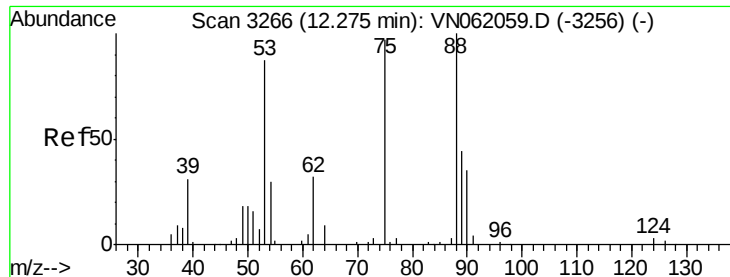
Tgt Ion: 91 Resp: 546619
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.436 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 105 Resp: 667303
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.387 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

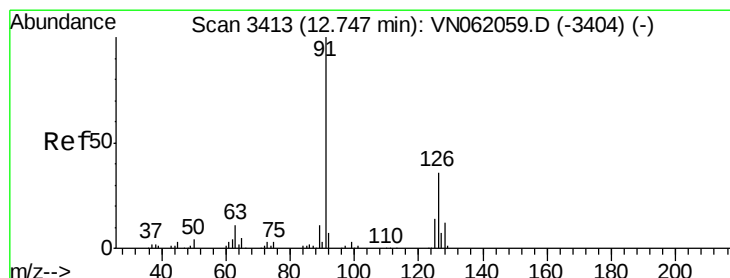
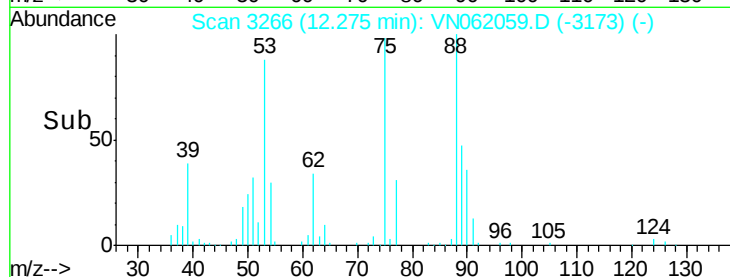
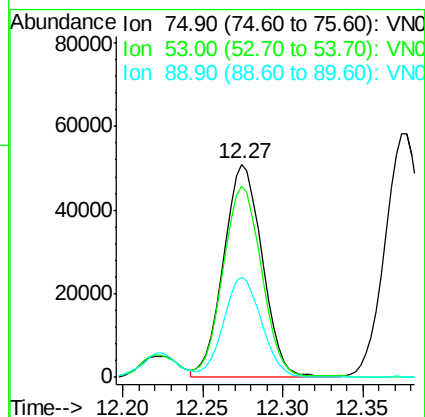
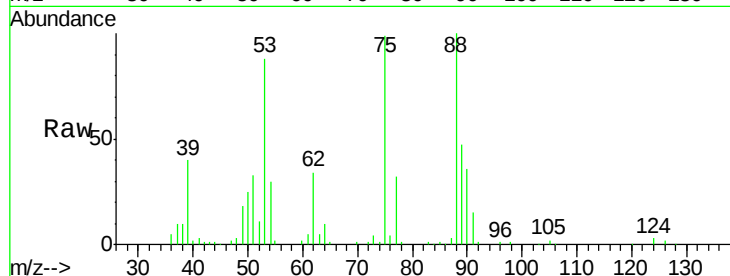
Tgt Ion: 75 Resp: 84612

Ion Ratio Lower Upper

75 100

53 90.0 72.0 108.0

89 46.1 36.9 55.3



#82

4-Chlorotoluene

Concen: 52.006 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062059.D

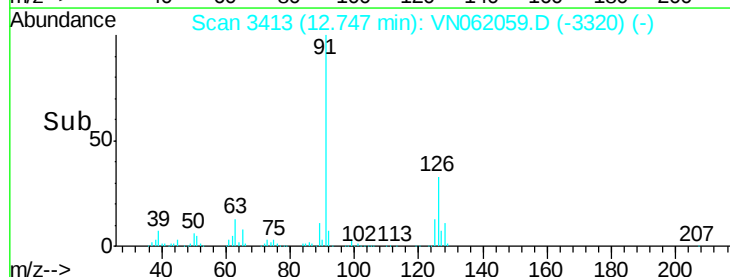
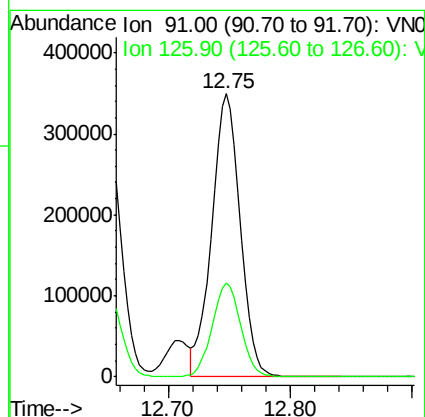
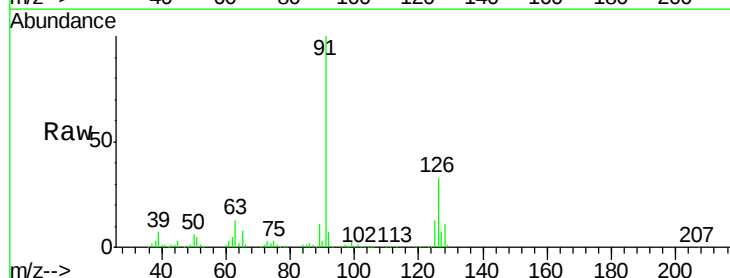
Acq: 24 Jun 2020 10:54

Tgt Ion: 91 Resp: 568826

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1

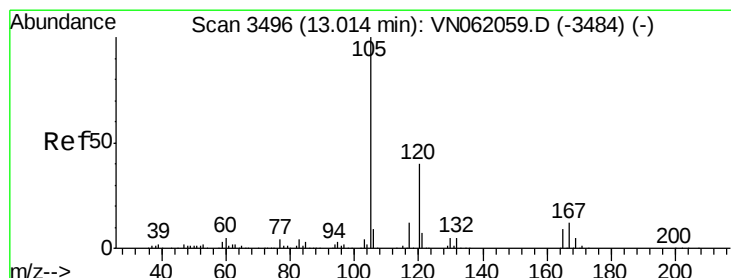
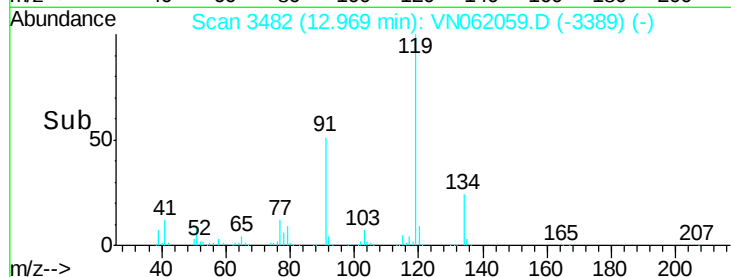
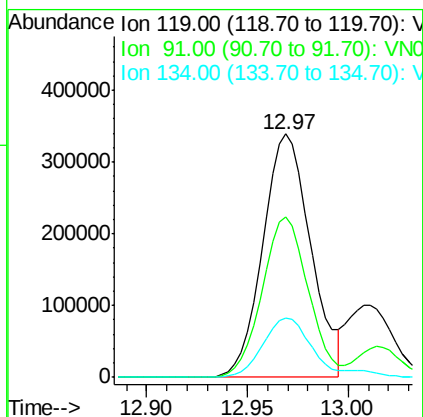
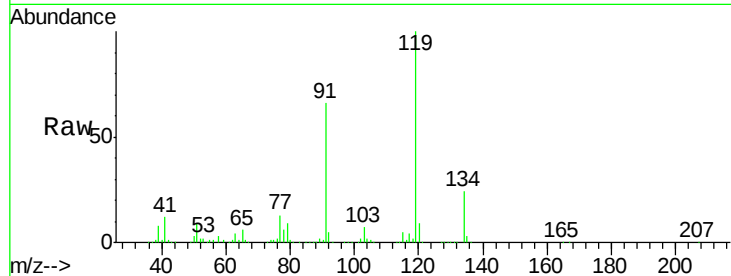




#83
 tert-Butylbenzene
 Concen: 52.053 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

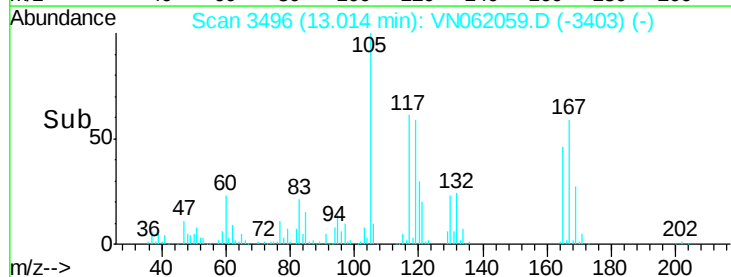
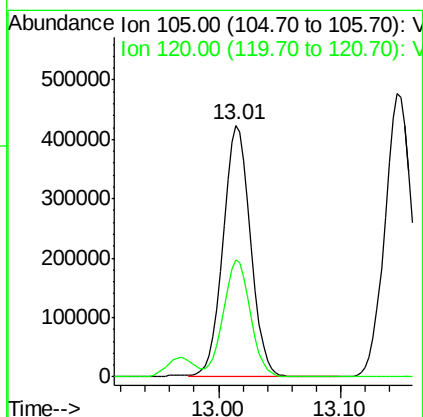
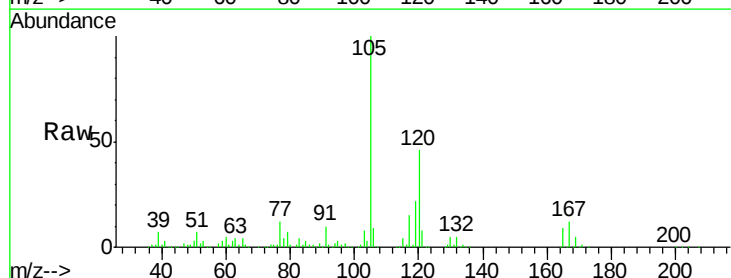
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 561636
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.7 95.1
 134 26.1 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.201 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion:105 Resp: 667442
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5

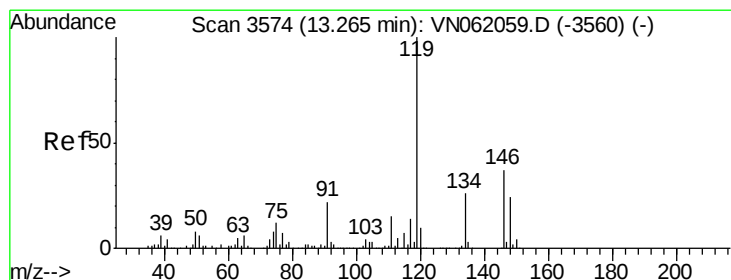
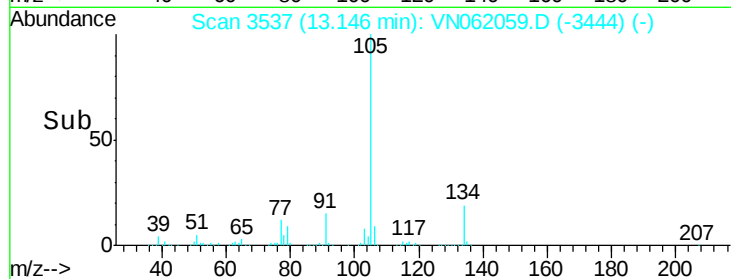
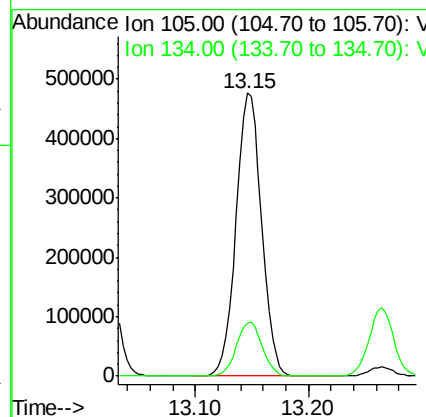
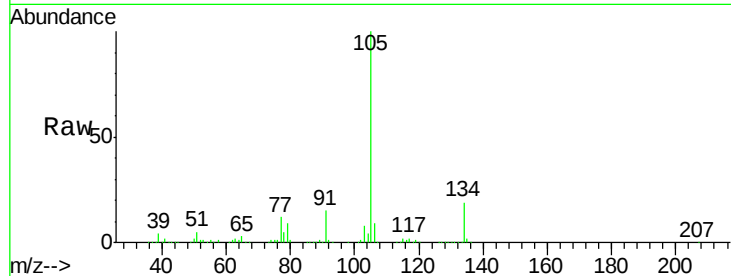




#85
 sec-Butylbenzene
 Concen: 52.686 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

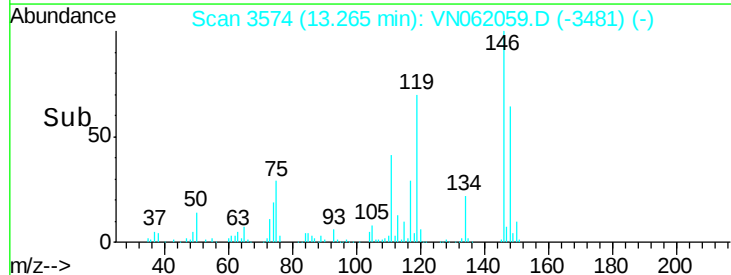
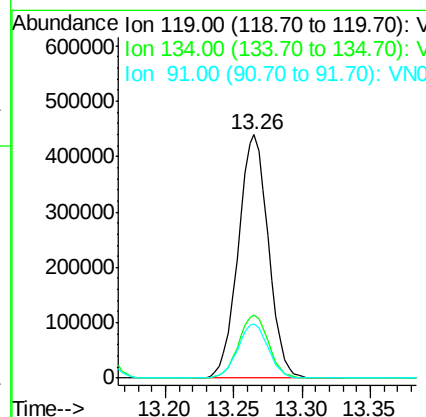
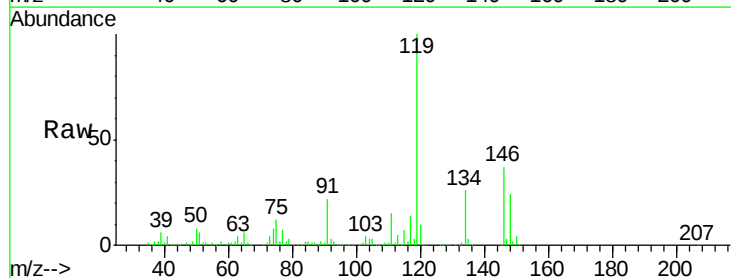
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

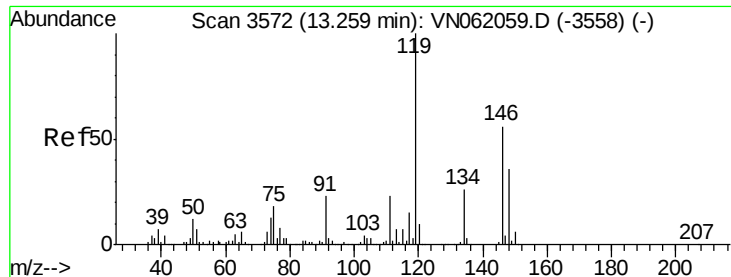
Tgt Ion:105 Resp: 746119
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 53.257 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion:119 Resp: 669524
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 22.5 11.3 33.8

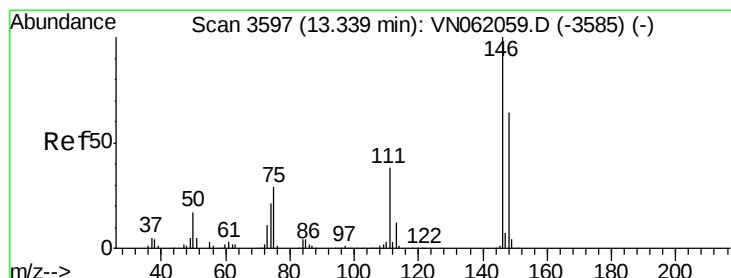
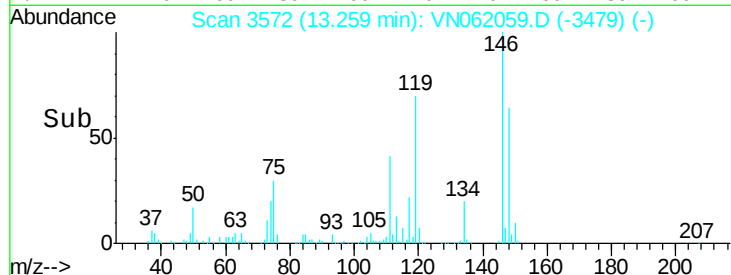
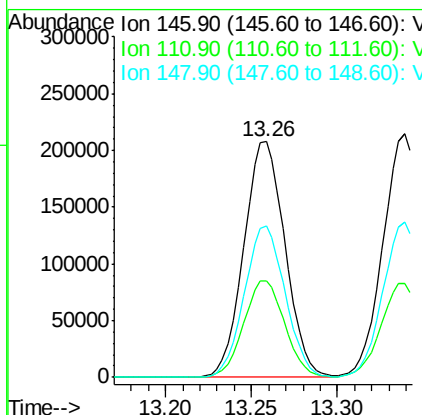
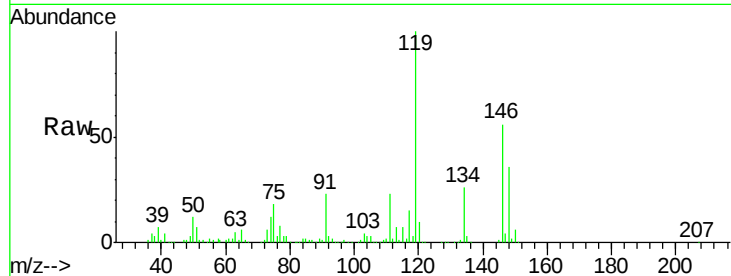




#87
 1,3-Dichlorobenzene
 Concen: 49.231 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

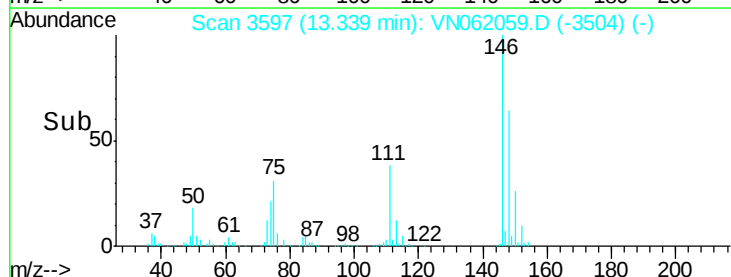
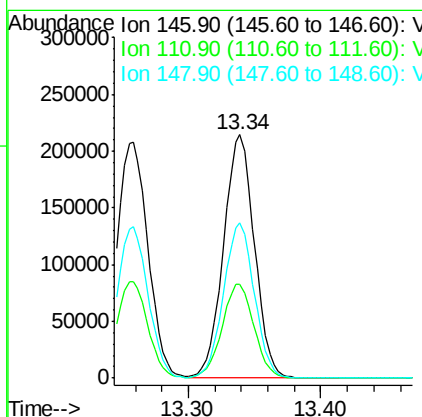
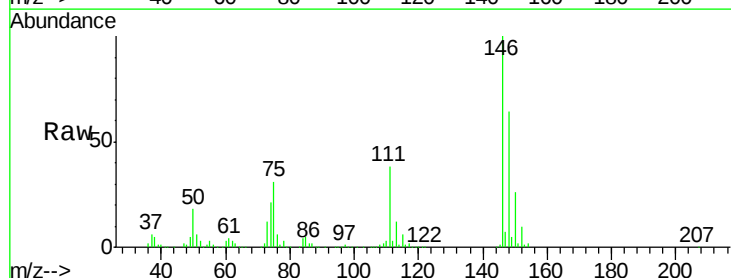
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

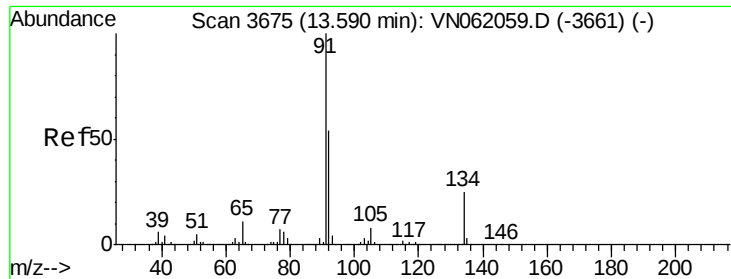
Tgt Ion:146 Resp: 346291
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.105 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion:146 Resp: 346246
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 53.295 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062059.D

Acq: 24 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

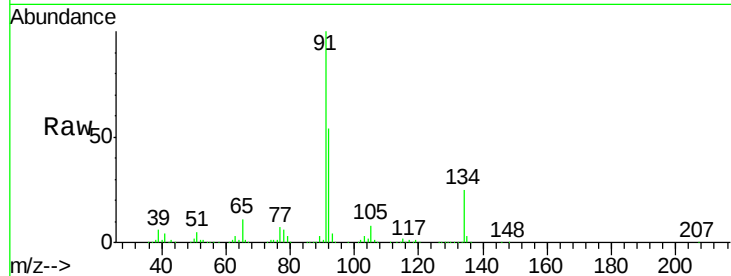
Tgt Ion: 91 Resp: 561863

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

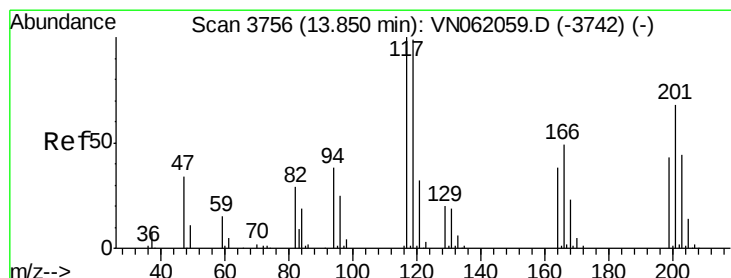
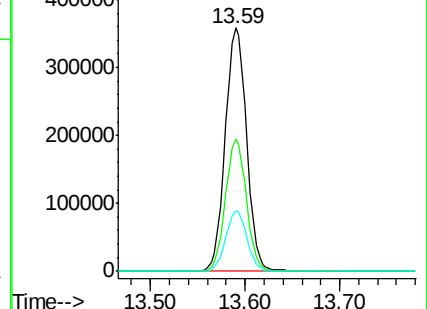
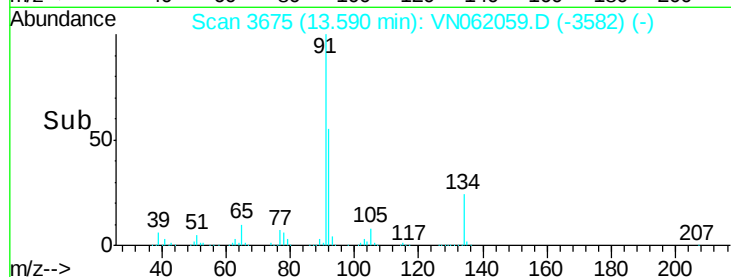
134 24.6 12.3 36.9



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: 53.134 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062059.D

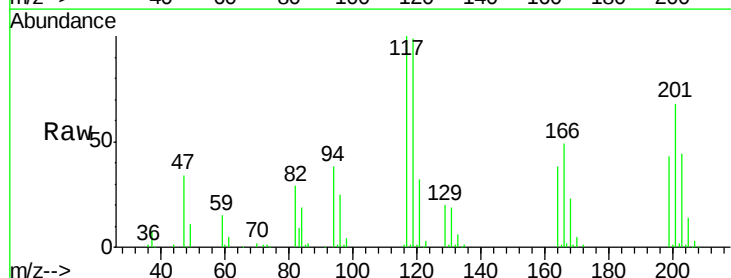
Acq: 24 Jun 2020 10:54

Tgt Ion: 117 Resp: 123172

Ion Ratio Lower Upper

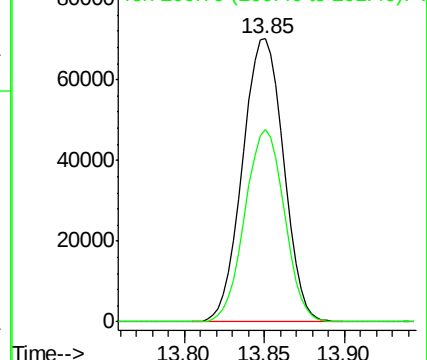
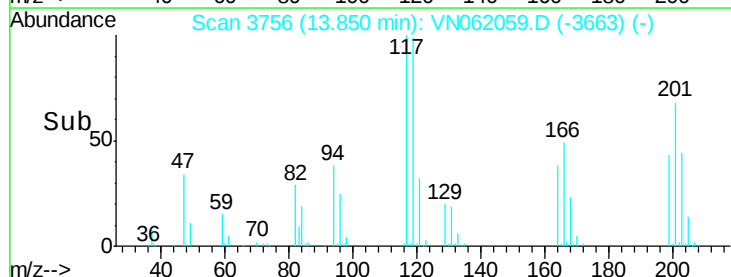
117 100

201 65.4 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) (-)

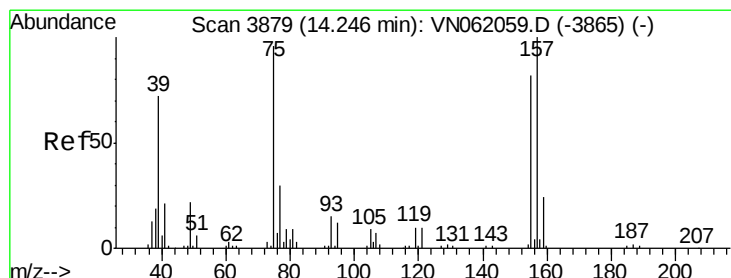
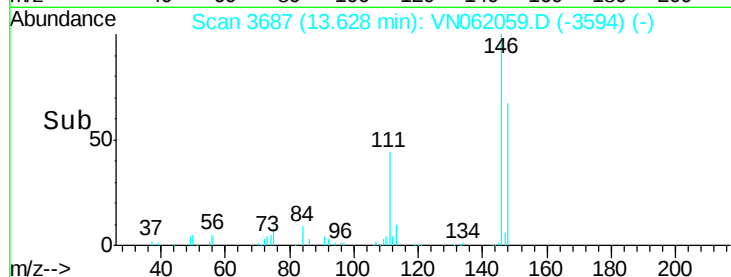
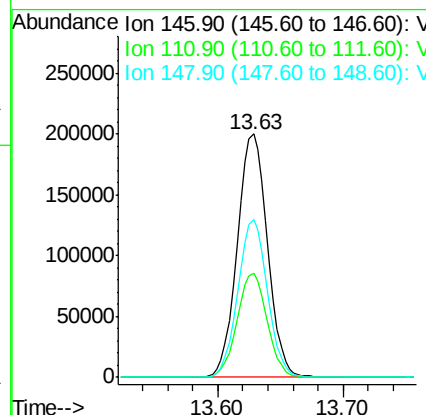
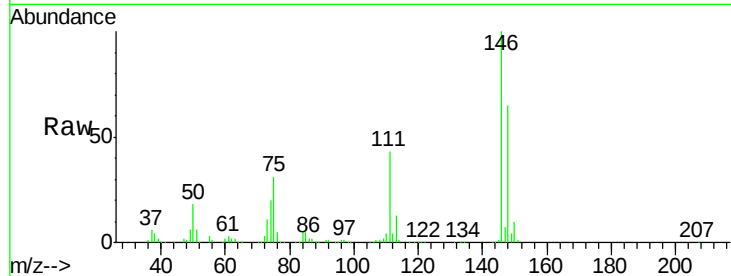




#91
 1,2-Dichlorobenzene
 Concen: 49.500 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

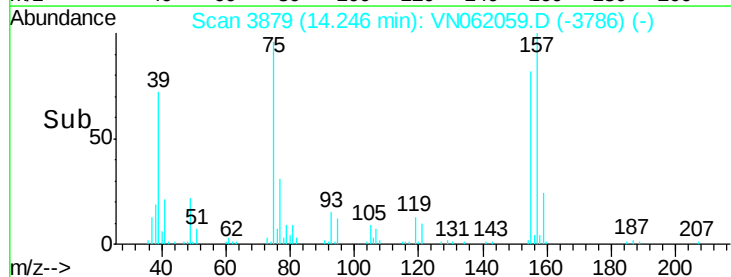
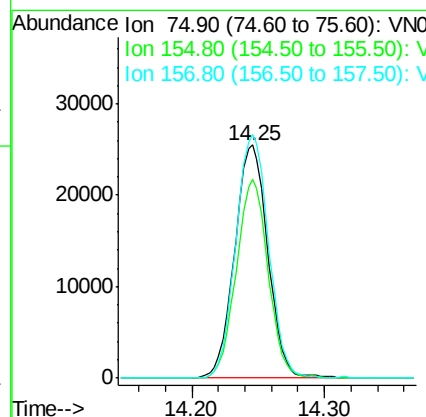
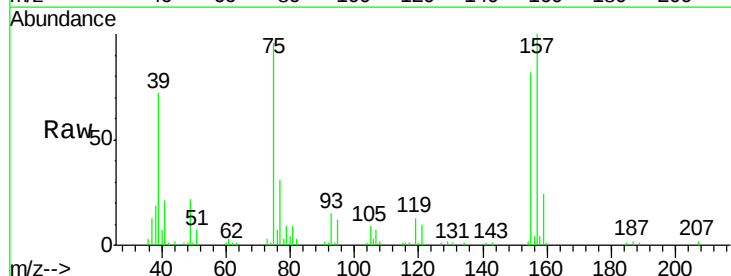
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 ClientSampleId :
 VSTDICCC050

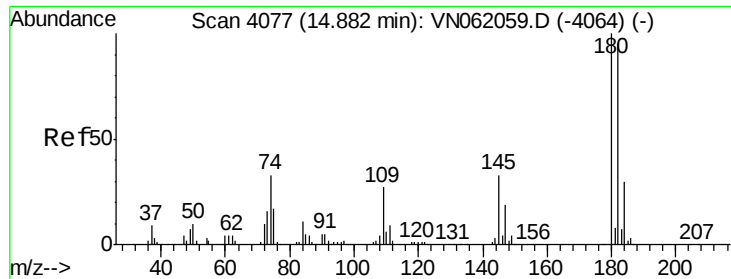
Tgt Ion: 146 Resp: 334585
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.187 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion: 75 Resp: 44384
 Ion Ratio Lower Upper
 75 100
 155 81.6 40.8 122.4
 157 102.9 51.4 154.3

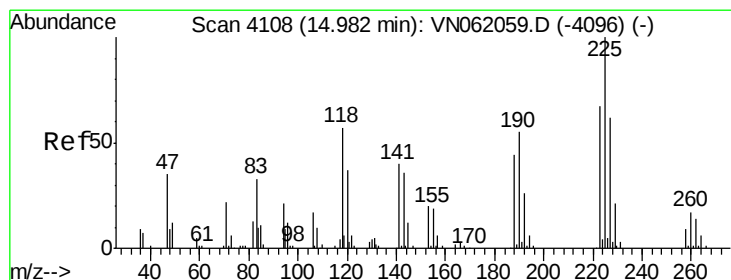
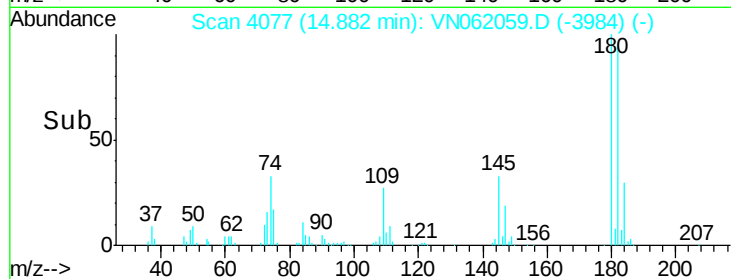
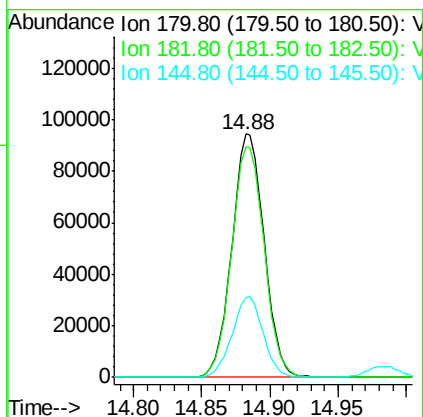
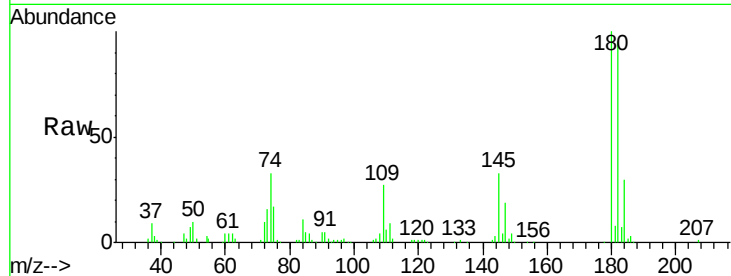




#93
 1,2,4-Trichlorobenzene
 Concen: 48.849 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

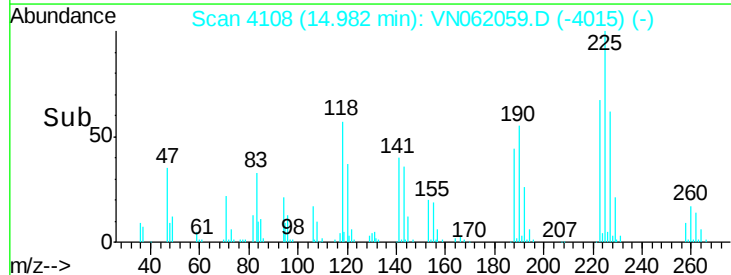
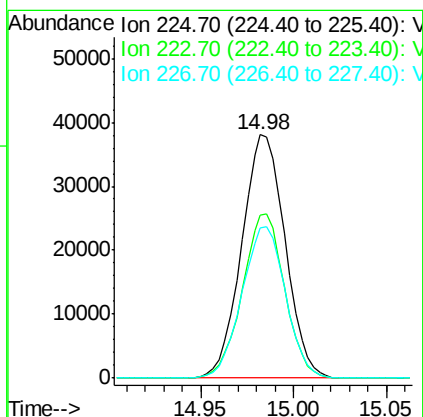
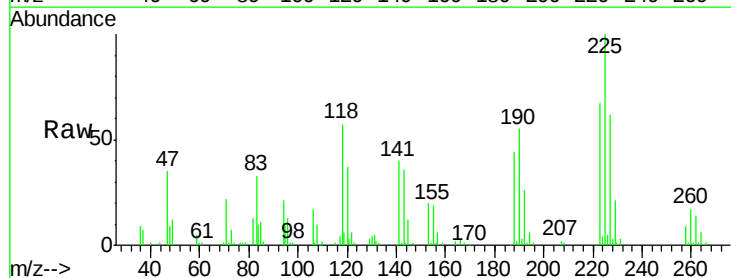
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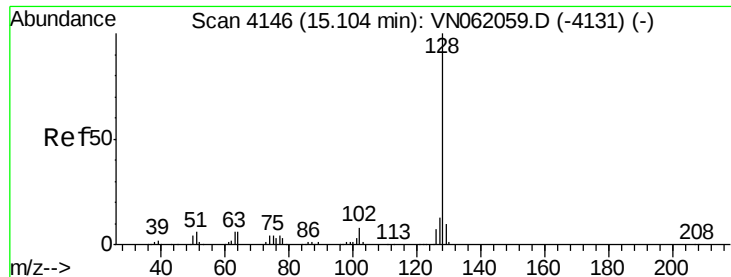
Tgt Ion:180 Resp: 154659
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.2
 145 32.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 49.393 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062059.D
 Acq: 24 Jun 2020 10:54

Tgt Ion:225 Resp: 62017
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.9 98.7
 227 62.5 31.3 93.8

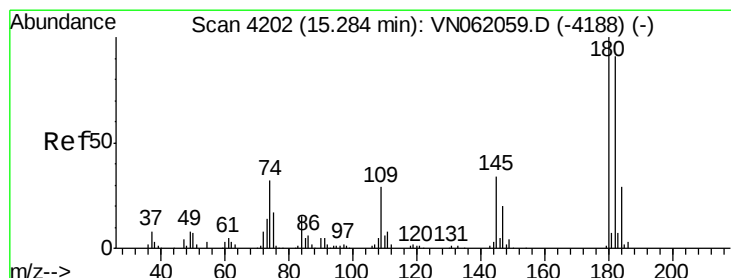
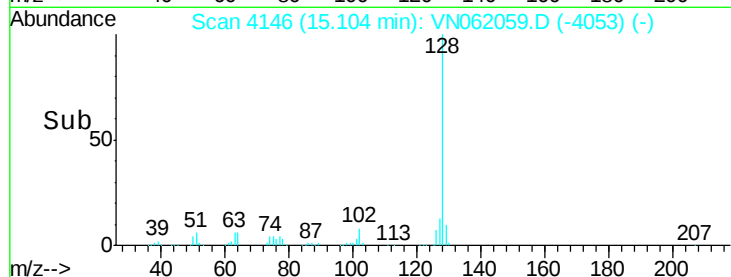
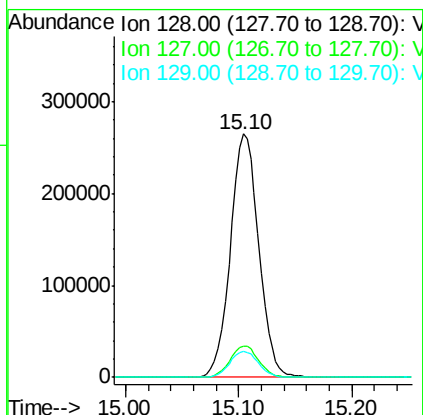
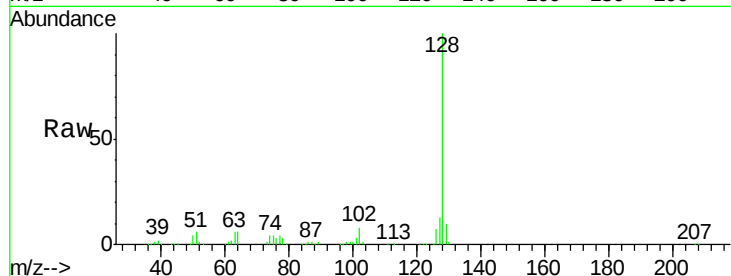




#95
Naphthalene
Concen: 50.456 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 461410
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.262 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062059.D
Acq: 24 Jun 2020 10:54

Tgt Ion:180 Resp: 158421
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 32.8 16.4 49.2

