

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060820\
 Data File : VN061686.D
 Acq On : 8 Jun 2020 10:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 09 03:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	365561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	540369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181646	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
35) Dibromofluoromethane	7.54	113	139976	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.06	98	627039	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.37	95	228500	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	190880	45.33	ug/l	97
3) Chloromethane	2.03	50	186838	41.90	ug/l	100
4) Vinyl Chloride	2.16	62	257980	42.22	ug/l	99
5) Bromomethane	2.52	94	160511	45.78	ug/l	100
6) Chloroethane	2.67	64	169115	43.00	ug/l	100
7) Trichlorofluoromethane	2.98	101	323954	41.12	ug/l	99
8) Diethyl Ether	3.37	74	106114	44.04	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	168517	48.20	ug/l	96
10) Methyl Iodide	3.91	142	222423	45.83	ug/l	98
11) Tert butyl alcohol	4.72	59	129218	223.05	ug/l	99
12) 1,1-Dichloroethene	3.69	96	165782	44.38	ug/l	93
13) Acrolein	3.56	56	41776	248.78	ug/l	99
14) Allyl chloride	4.27	41	203716	41.72	ug/l	98
15) Acrylonitrile	4.92	53	342857	212.03	ug/l	100
16) Acetone	3.77	43	281004	233.70	ug/l	96
17) Carbon Disulfide	4.01	76	329603	40.11	ug/l	98
18) Methyl Acetate	4.27	43	164667	41.76	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	551263	43.30	ug/l	99
20) Methylene Chloride	4.50	84	188364	47.49	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	187538	44.52	ug/l	94
22) Diisopropyl ether	5.90	45	480346	44.63	ug/l	99
23) Vinyl Acetate	5.84	43	1762122	205.41	ug/l	98
24) 1,1-Dichloroethane	5.79	63	307992	45.13	ug/l	99
25) 2-Butanone	6.78	43	414925	201.01	ug/l	95
26) 2,2-Dichloropropane	6.77	77	286811	45.91	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	221300	46.39	ug/l	98
28) Bromochloromethane	7.15	49	131752	51.46	ug/l	96
29) Tetrahydrofuran	7.16	42	270890	199.02	ug/l	98
30) Chloroform	7.32	83	349443	46.28	ug/l	99
31) Cyclohexane	7.61	56	257928	42.02	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	312070	45.36	ug/l	99
36) 1,1-Dichloropropene	7.75	75	246522	49.17	ug/l	99
37) Ethyl Acetate	6.88	43	180491	44.70	ug/l	97
38) Carbon Tetrachloride	7.73	117	257634	53.28	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	292492	47.33	ug/l	98
40) Benzene	8.00	78	765942	49.52	ug/l	100
41) Methacrylonitrile	7.12	41	76165	41.17	ug/l	97
42) 1,2-Dichloroethane	8.08	62	246573	47.61	ug/l	100
43) Isopropyl Acetate	8.12	43	317716	43.73	ug/l	97
44) Trichloroethene	8.80	130	235517	49.54	ug/l	95
45) 1,2-Dichloropropane	9.08	63	182650	49.73	ug/l	99
46) Dibromomethane	9.17	93	135285	48.02	ug/l	95
47) Bromodichloromethane	9.37	83	281956	50.52	ug/l	100
48) Methyl methacrylate	9.17	41	136278	41.69	ug/l	97
49) 1,4-Dioxane	9.16	88	60829	1201.35	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	911041	222.54	ug/l	98
52) Toluene	10.12	92	513516	50.86	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	298792	49.70	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	323929	50.11	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	203267	50.54	ug/l	98
56) Ethyl methacrylate	10.40	69	269601	47.98	ug/l	98
57) 1,3-Dichloropropane	10.68	76	320998	49.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	581784	242.29	ug/l	99
59) 2-Hexanone	10.72	43	648626	220.62	ug/l	98
60) Dibromochloromethane	10.87	129	241110	52.73	ug/l	99
61) 1,2-Dibromoethane	10.98	107	210169	50.10	ug/l	99
64) Tetrachloroethene	10.60	164	261633	51.44	ug/l	97
65) Chlorobenzene	11.40	112	567646	50.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	217009	51.89	ug/l	98
67) Ethyl Benzene	11.48	91	983731	50.67	ug/l	100
68) m/p-Xylenes	11.59	106	784106	101.86	ug/l	98
69) o-Xylene	11.92	106	371565	50.82	ug/l	100
70) Styrene	11.94	104	640662	52.91	ug/l	99
71) Bromoform	12.10	173	171326	53.16	ug/l #	99
73) Isopropylbenzene	12.22	105	991411	48.38	ug/l	99
74) N-amyl acetate	12.04	43	276603	42.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	252464	43.97	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	331791	64.99	ug/l #	100
77) Bromobenzene	12.50	156	265439	50.75	ug/l	94
78) n-propylbenzene	12.56	91	1120641	48.99	ug/l	100
79) 2-Chlorotoluene	12.65	91	645497	47.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	829383	48.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87491	43.83	ug/l	98
82) 4-Chlorotoluene	12.75	91	683018	47.60	ug/l	98
83) tert-Butylbenzene	12.97	119	722082	47.72	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	838895	49.31	ug/l	98
85) sec-Butylbenzene	13.15	105	928096	47.60	ug/l	99
86) p-Isopropyltoluene	13.26	119	873241	48.63	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	466473	50.36	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	475474	50.39	ug/l	98
89) n-Butylbenzene	13.59	91	723864	48.13	ug/l	99
90) Hexachloroethane	13.85	117	123642	62.26	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	446168	50.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	46117	39.38	ug/l	92

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QLast Update : Fri May 29 02:14:10 2020
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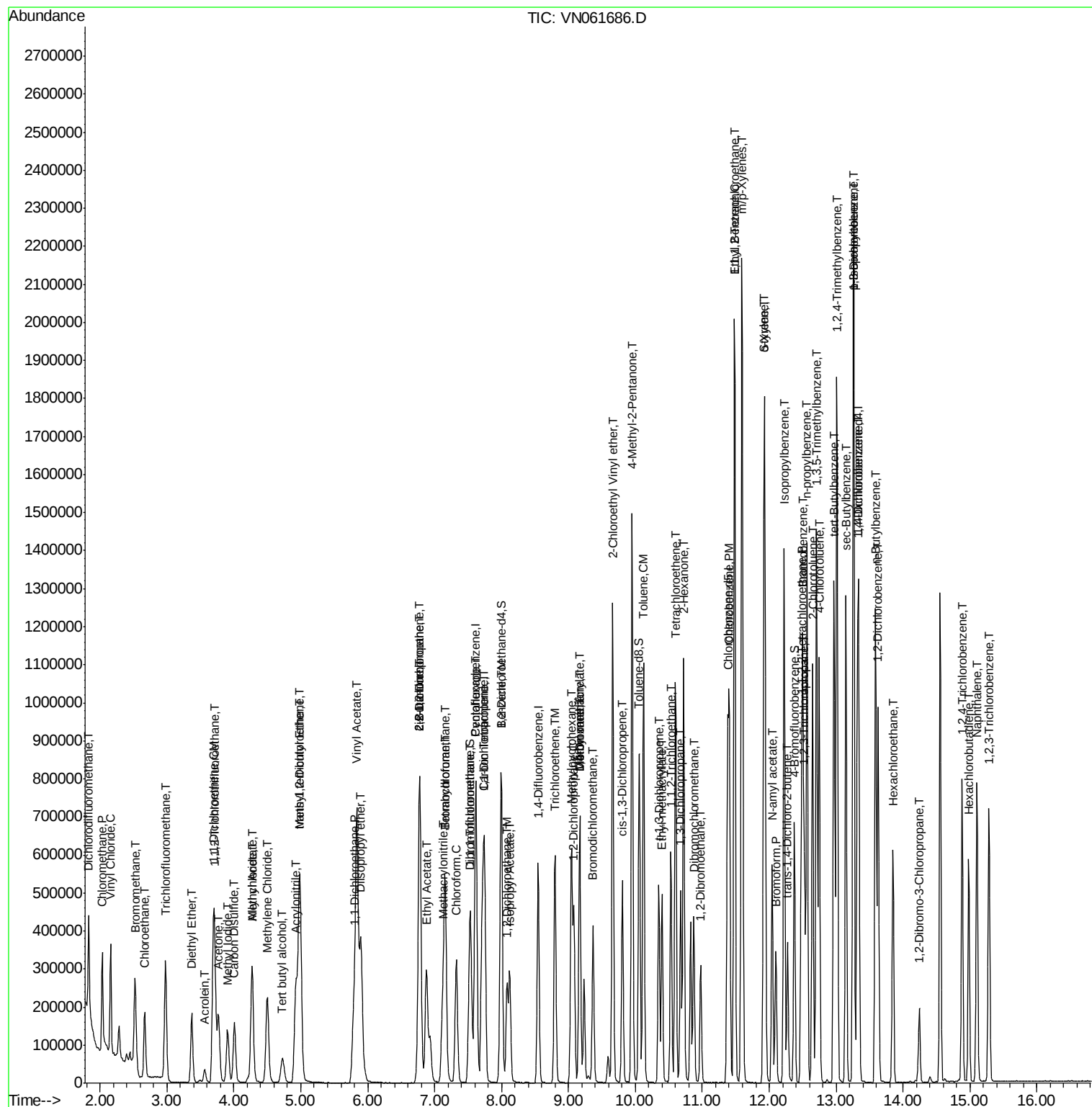
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	265159	51.22	ug/l	98
94) Hexachlorobutadiene	14.98	225	109271	49.49	ug/l	99
95) Naphthalene	15.10	128	716963	45.50	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	254956	50.09	ug/l	99

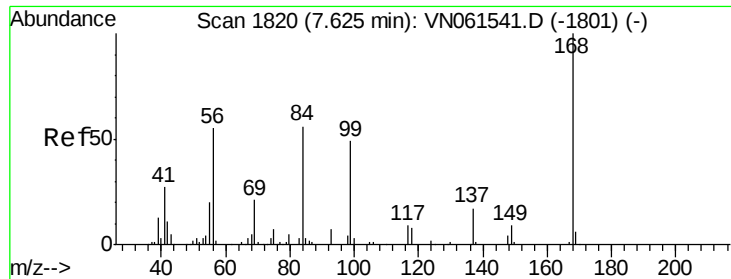
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

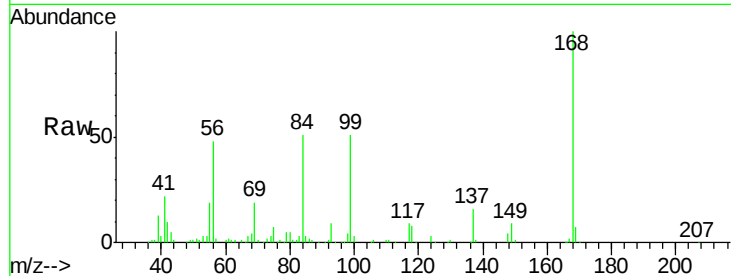
VSTDCCC050

Tgt Ion:168 Resp: 365561

Ion Ratio Lower Upper

168 100

99 51.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

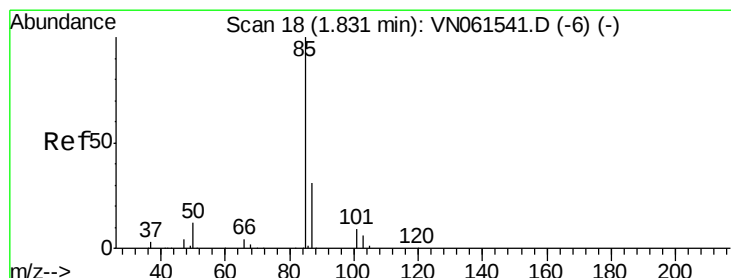
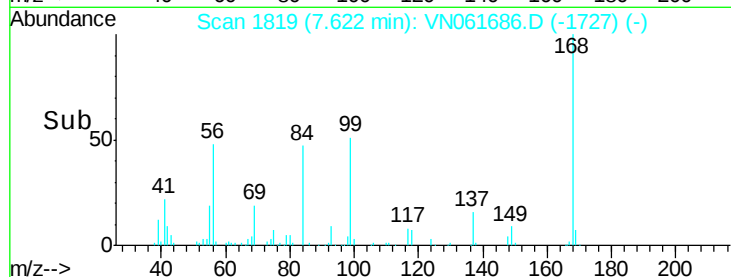
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.33 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061686.D

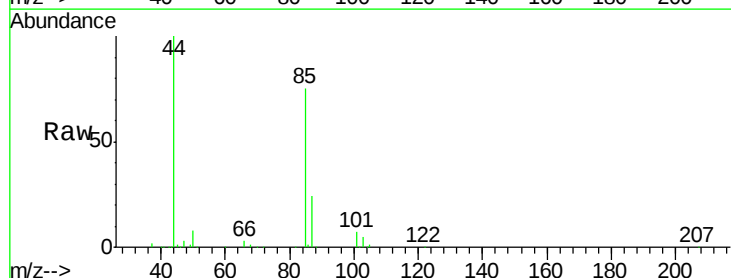
Acq: 8 Jun 2020 10:54

Tgt Ion: 85 Resp: 190880

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

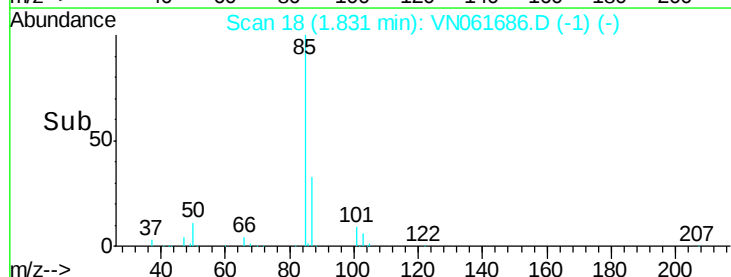
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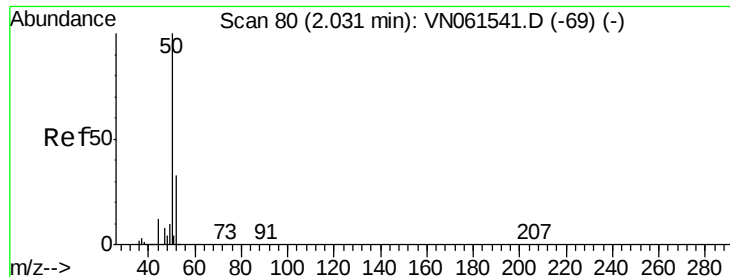
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.90 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

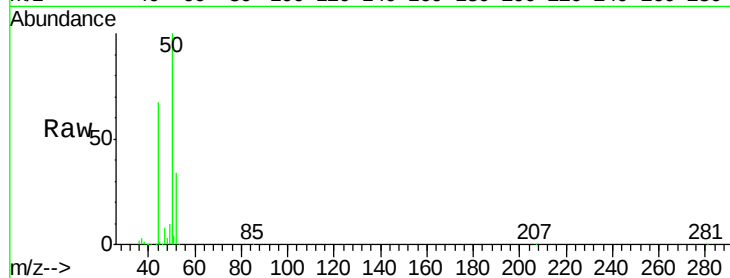
VSTDCCC050

Tgt Ion: 50 Resp: 186838

Ion Ratio Lower Upper

50 100

52 33.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061686.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061686.D (-1) (-)

2.03

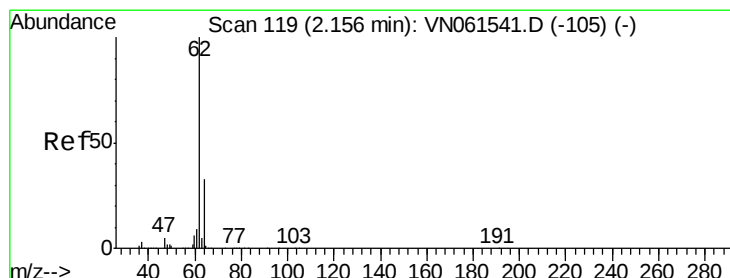
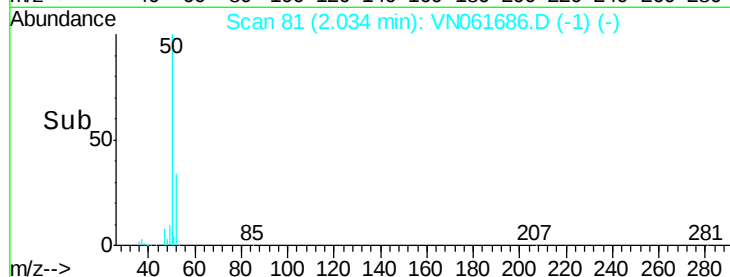
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 42.22 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061686.D

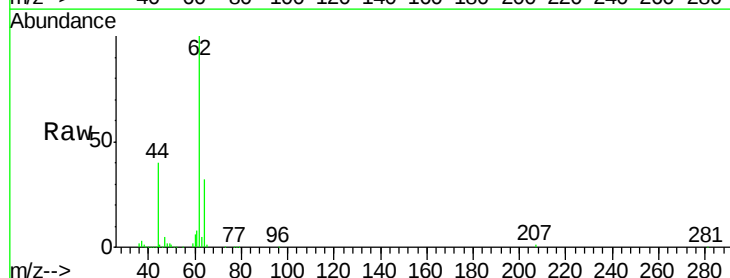
Acq: 8 Jun 2020 10:54

Tgt Ion: 62 Resp: 257980

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN061686.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN061686.D (-26) (-)

2.16

200000

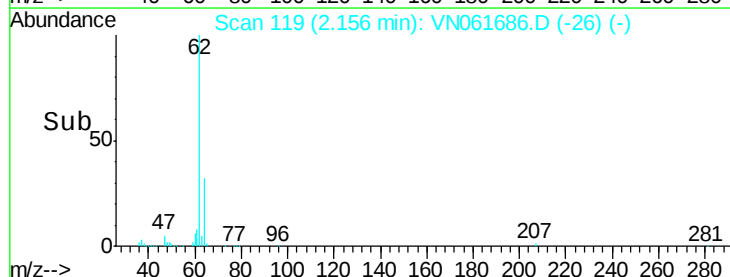
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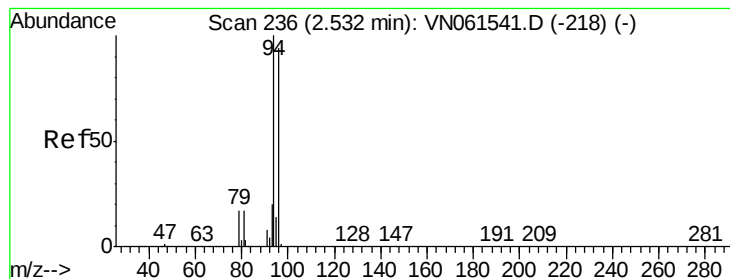
100000

50000

0

Time-->





#5

Bromomethane

Concen: 45.78 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

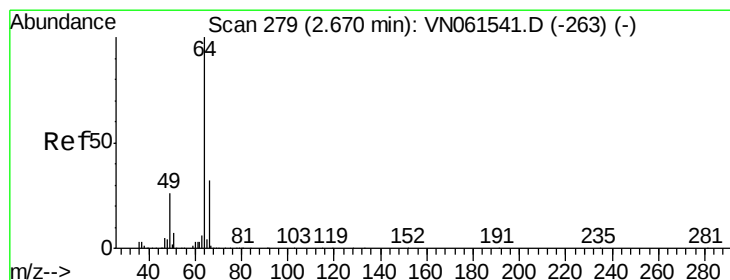
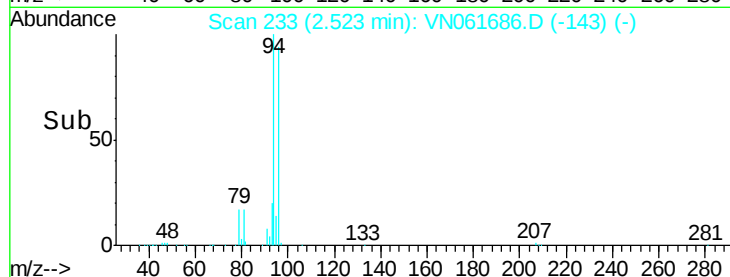
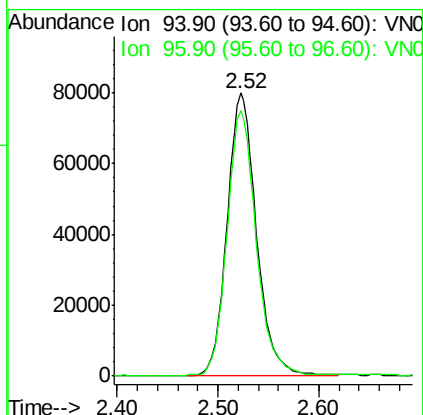
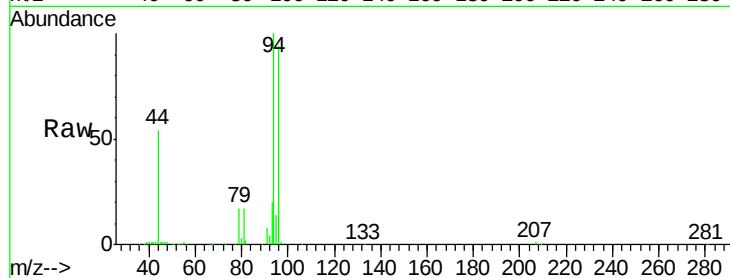
VSTDCCC050

Tgt Ion: 94 Resp: 160511

Ion Ratio Lower Upper

94 100

96 93.7 74.8 112.2



#6

Chloroethane

Concen: 43.00 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061686.D

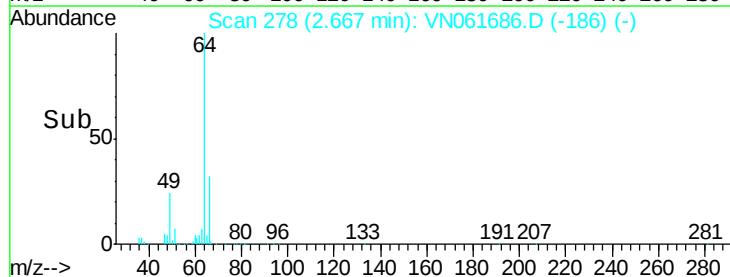
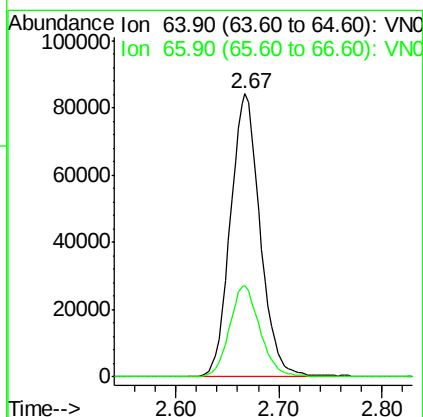
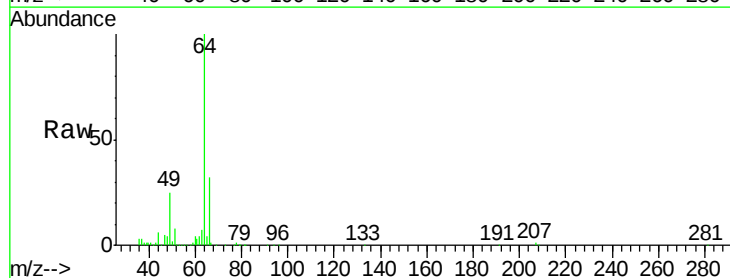
Acq: 8 Jun 2020 10:54

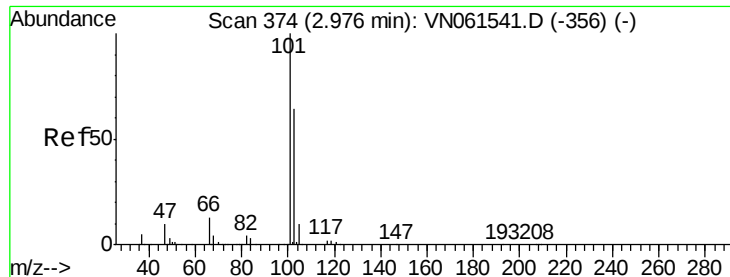
Tgt Ion: 64 Resp: 169115

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



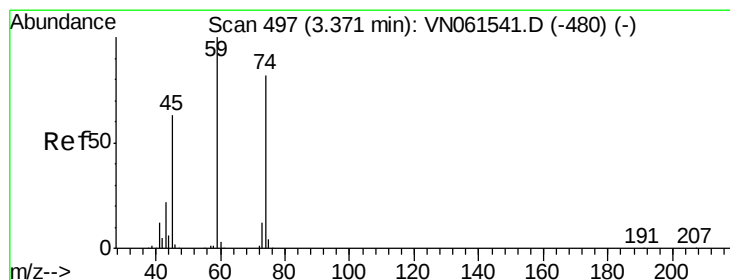
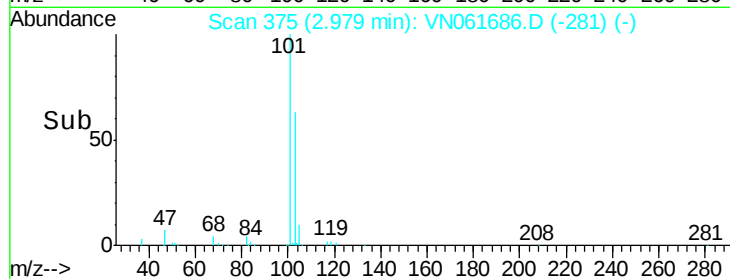
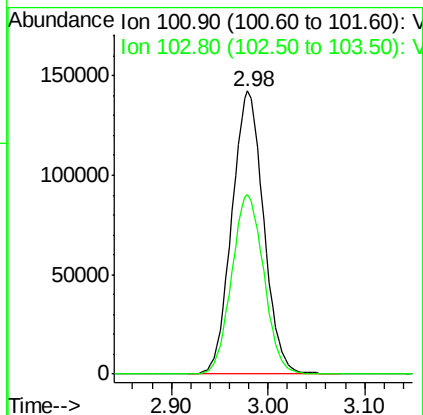
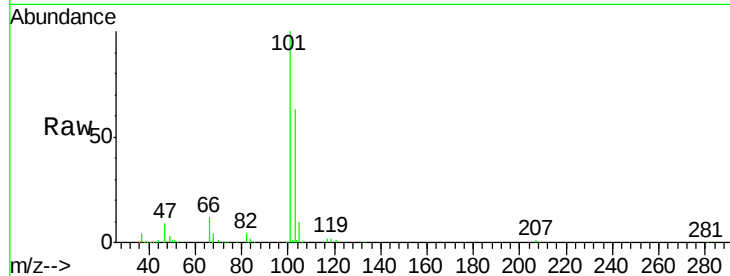


#7

Trichlorofluoromethane
 Concen: 41.12 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

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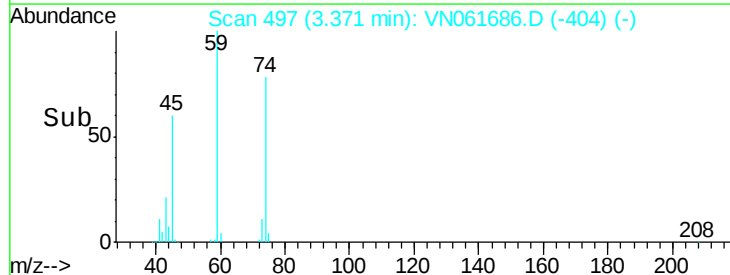
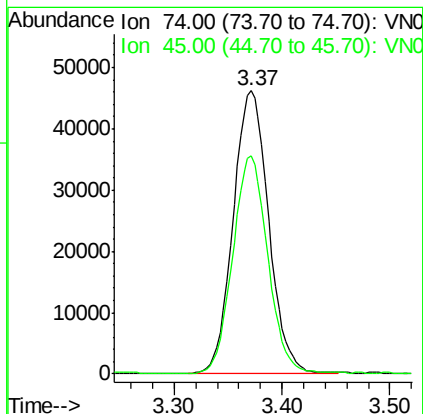
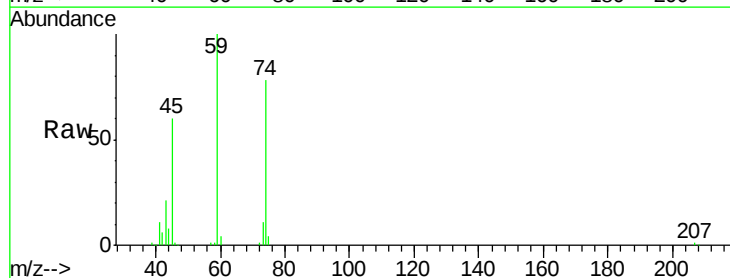
Tgt Ion: 101 Resp: 323954
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.2

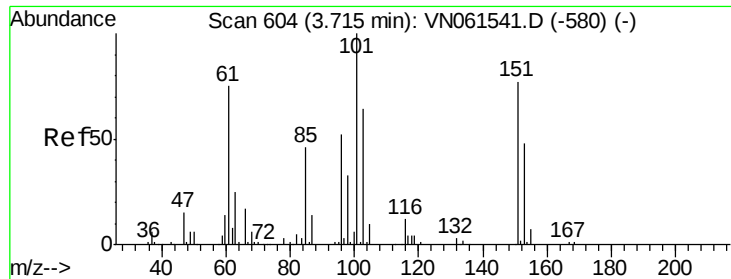


#8

Diethyl Ether
 Concen: 44.04 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 74 Resp: 106114
 Ion Ratio Lower Upper
 74 100
 45 76.4 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.20 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

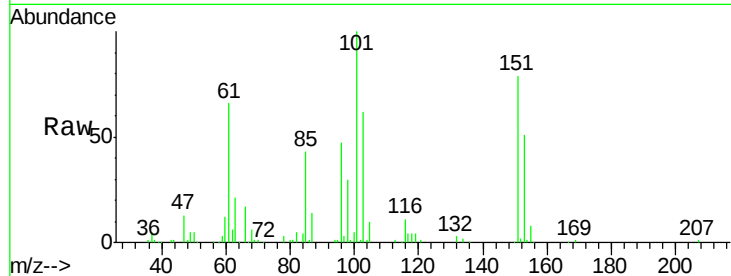
Tgt Ion:101 Resp: 168517

Ion Ratio Lower Upper

101 100

85 43.1 35.2 52.8

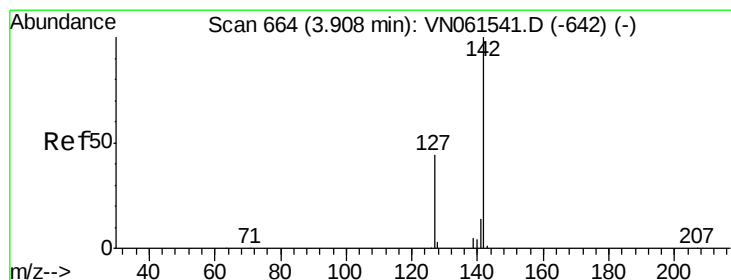
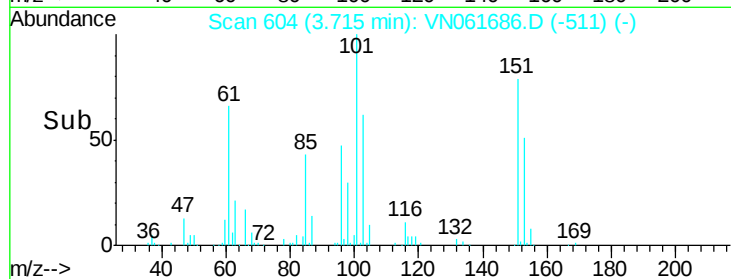
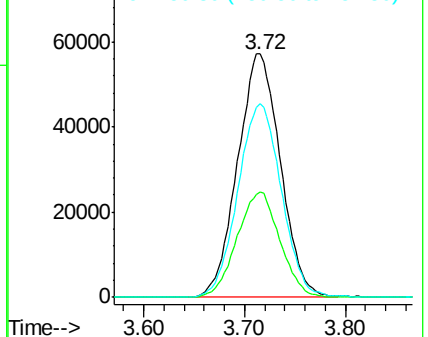
151 80.7 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.83 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

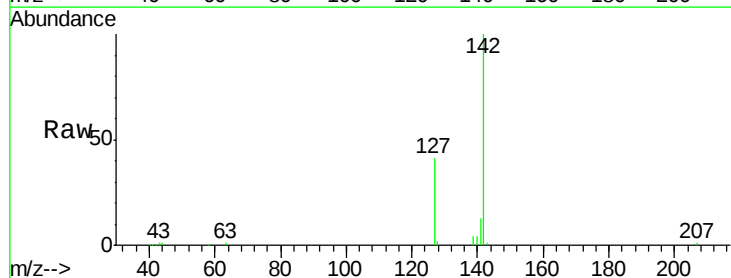
Tgt Ion:142 Resp: 222423

Ion Ratio Lower Upper

142 100

127 42.5 35.5 53.3

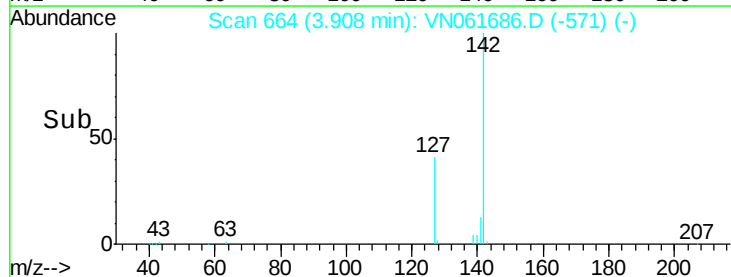
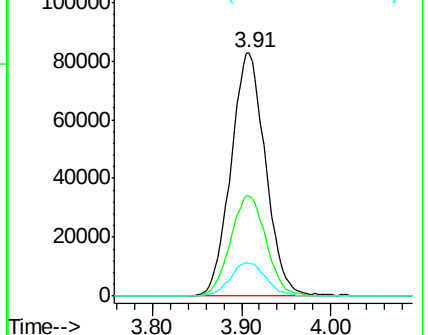
141 14.1 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



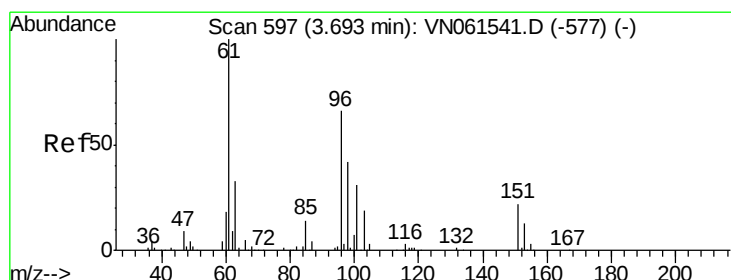
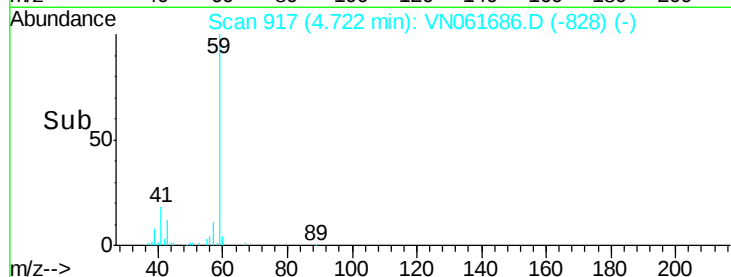
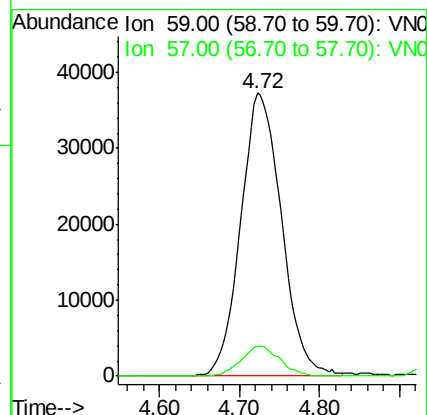
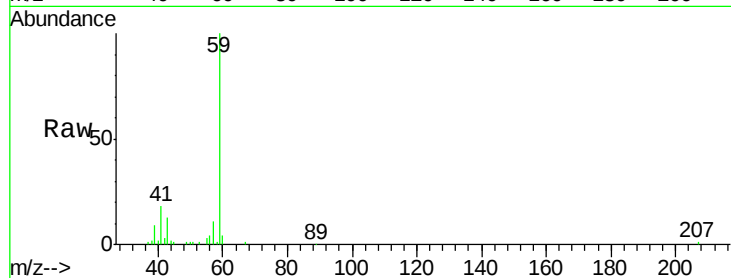


#11

Tert butyl alcohol
 Concen: 223.05 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

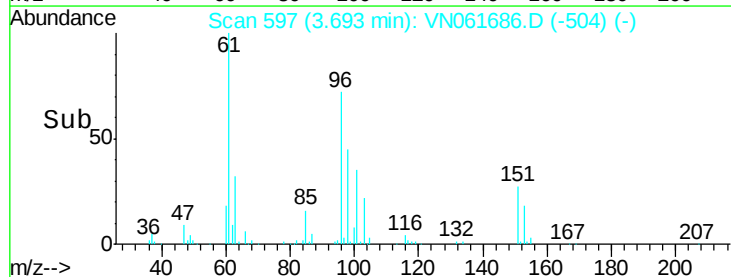
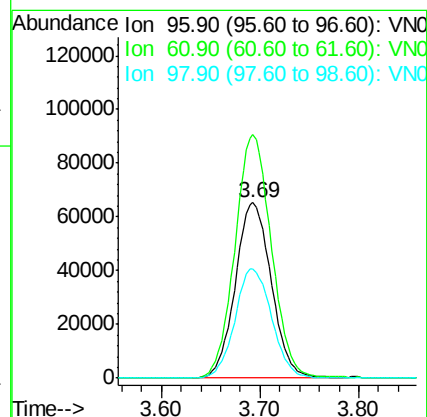
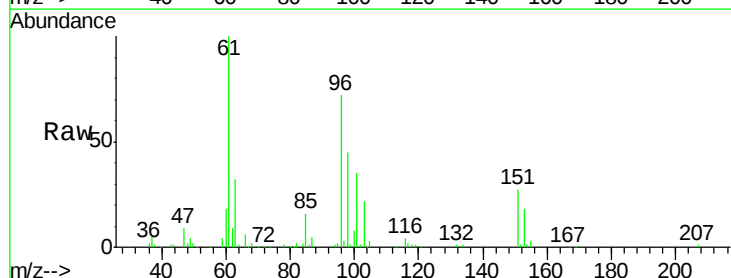
Tgt Ion: 59 Resp: 129218
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

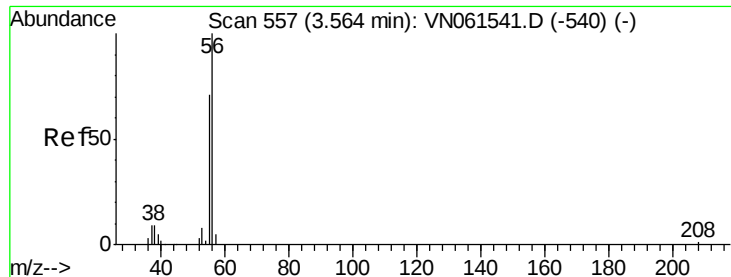


#12

1,1-Dichloroethene
 Concen: 44.38 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 96 Resp: 165782
 Ion Ratio Lower Upper
 96 100
 61 138.6 120.5 180.7
 98 62.1 50.8 76.2





#13

Acrolein

Concen: 248.78 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

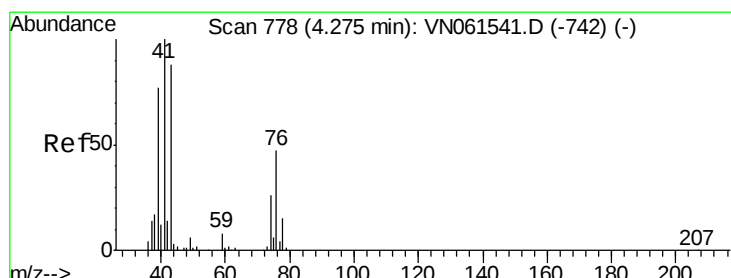
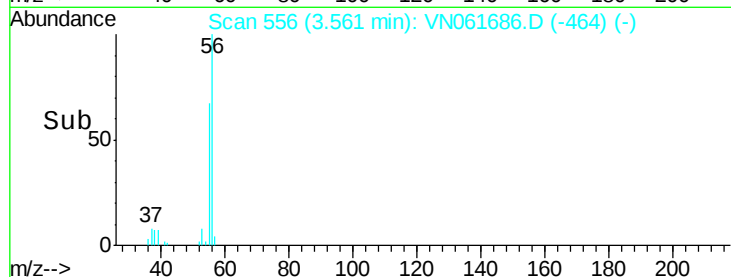
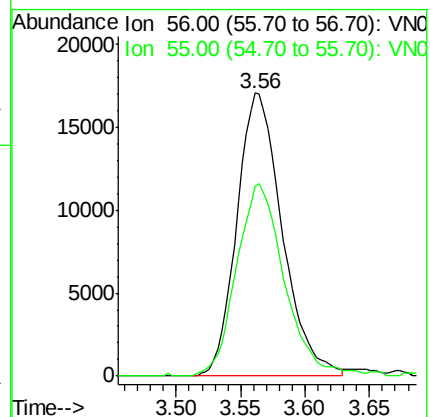
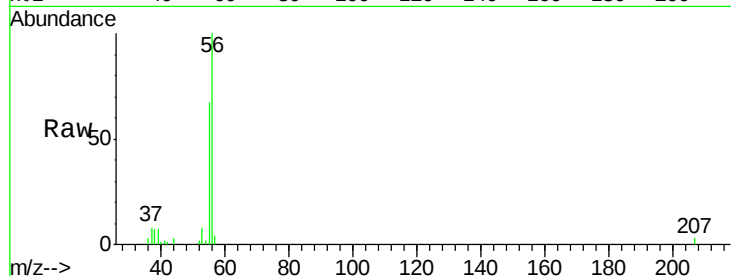
VSTDCCC050

Tgt Ion: 56 Resp: 41776

Ion Ratio Lower Upper

56 100

55 71.8 58.0 87.0



#14

Allyl chloride

Concen: 41.72 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

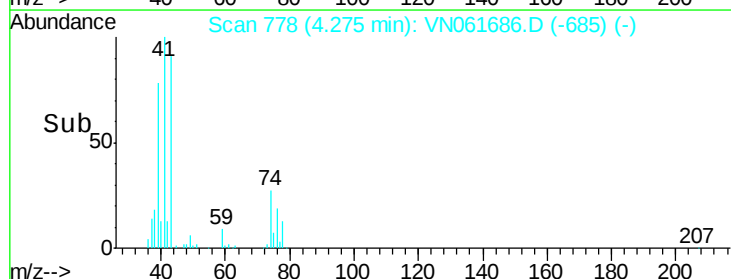
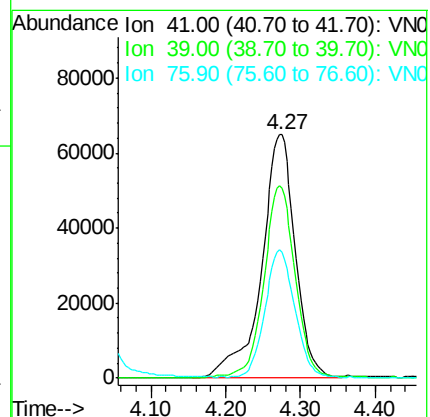
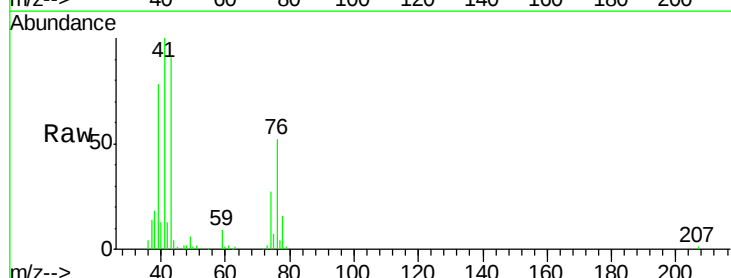
Tgt Ion: 41 Resp: 203716

Ion Ratio Lower Upper

41 100

39 73.4 58.6 88.0

76 46.0 34.2 51.4





#15

Acrylonitrile

Concen: 212.03 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

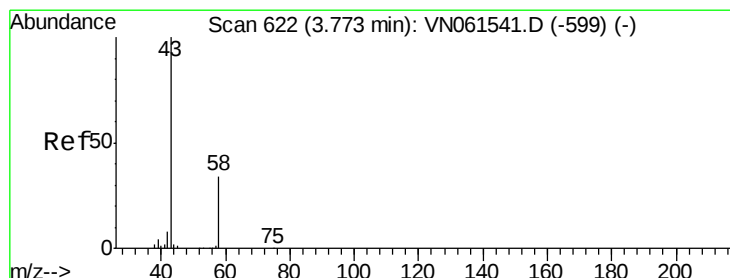
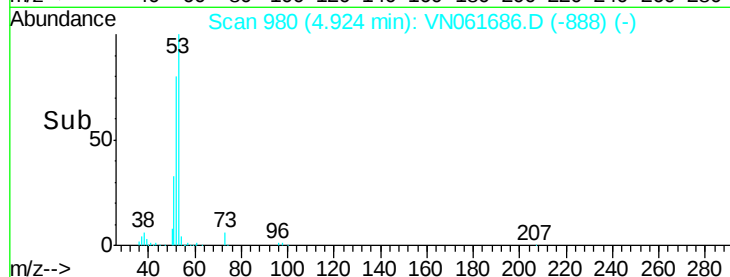
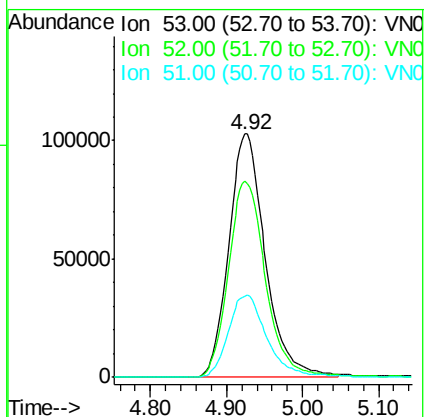
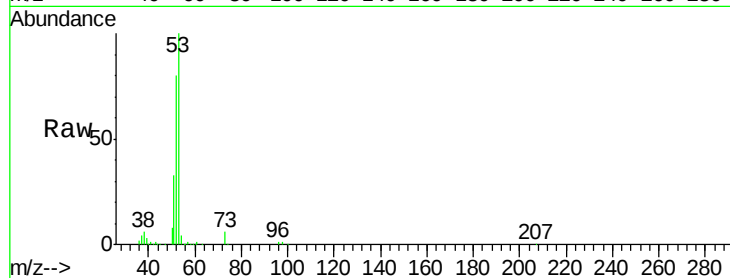
Tgt Ion: 53 Resp: 342857

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.2

51 35.7 29.0 43.6



#16

Acetone

Concen: 233.70 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061686.D

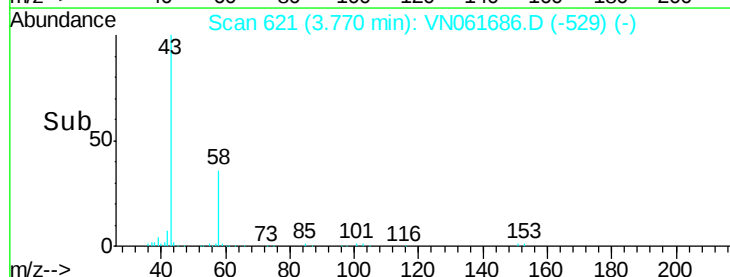
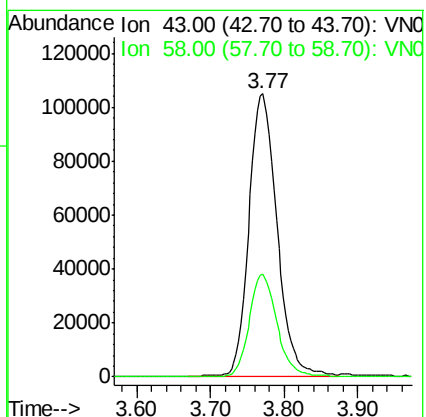
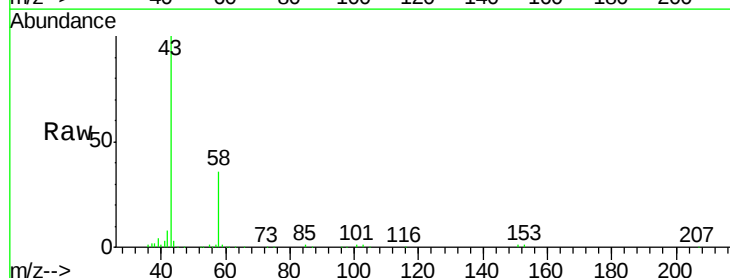
Acq: 8 Jun 2020 10:54

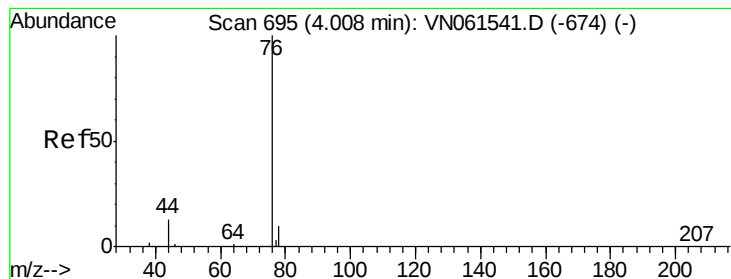
Tgt Ion: 43 Resp: 281004

Ion Ratio Lower Upper

43 100

58 36.3 27.2 40.8





#17

Carbon Disulfide

Concen: 40.11 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

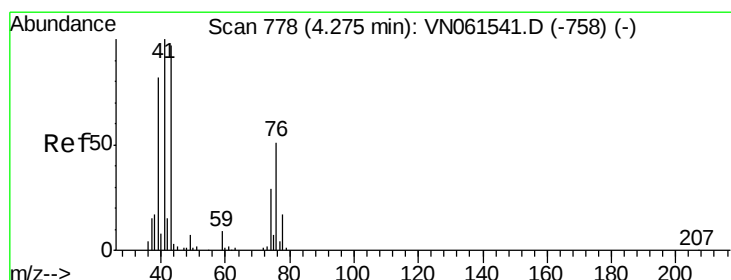
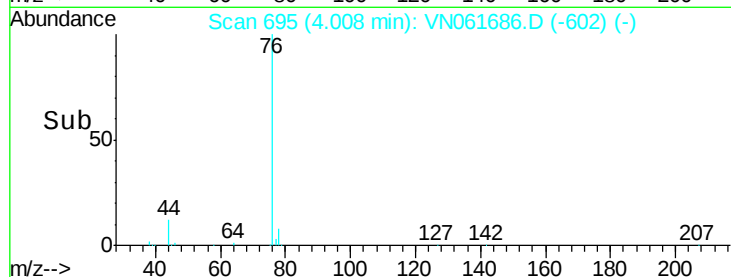
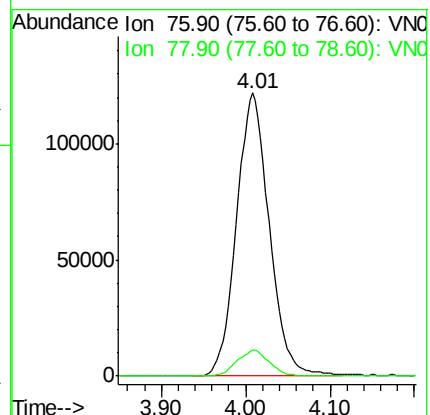
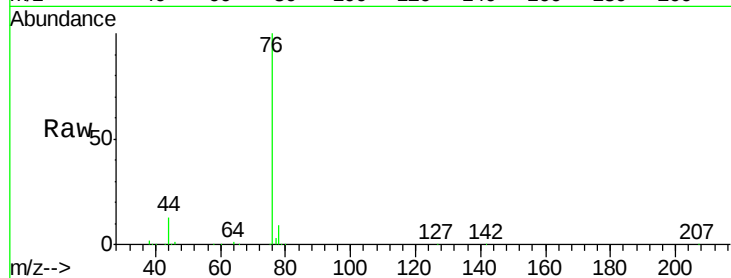
VSTDCCC050

Tgt Ion: 76 Resp: 329603

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6



#18

Methyl Acetate

Concen: 41.76 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061686.D

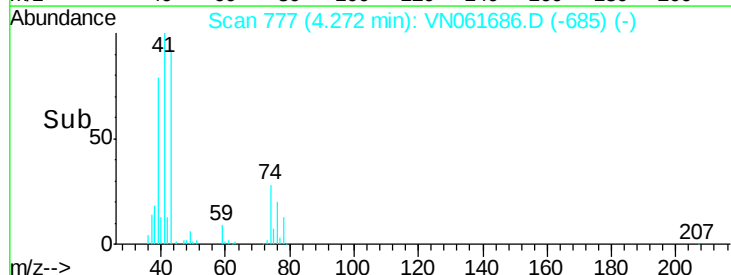
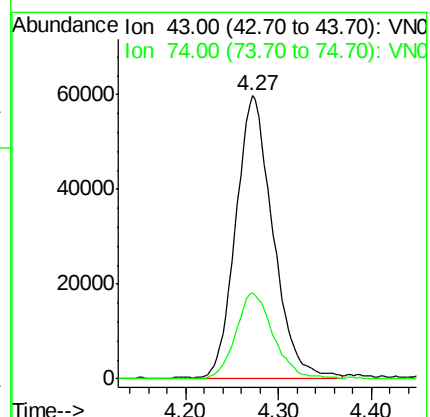
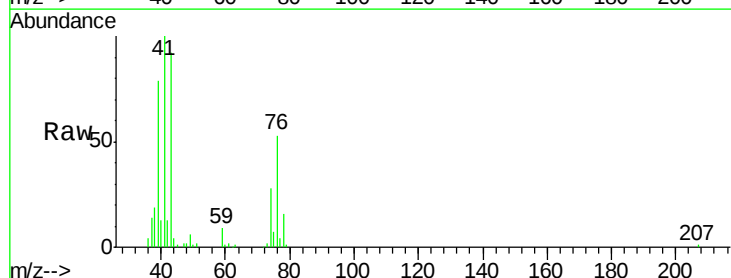
Acq: 8 Jun 2020 10:54

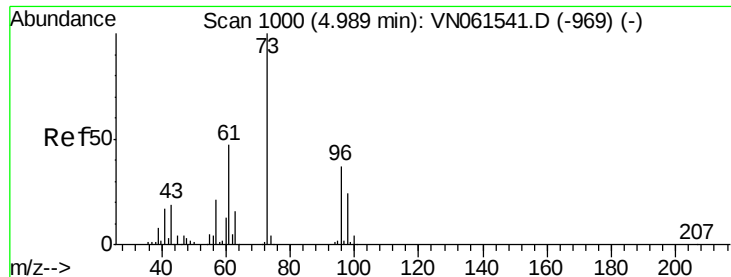
Tgt Ion: 43 Resp: 164667

Ion Ratio Lower Upper

43 100

74 31.1 23.2 34.8

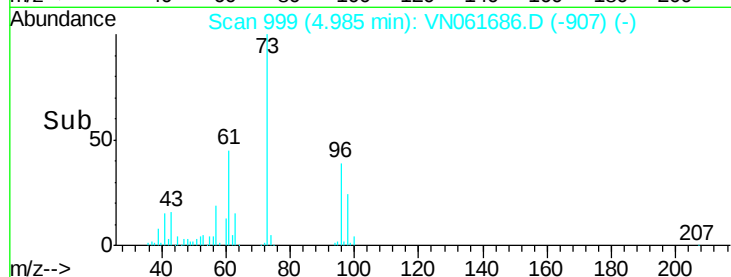
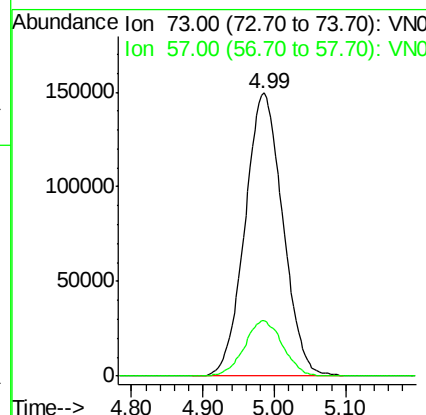
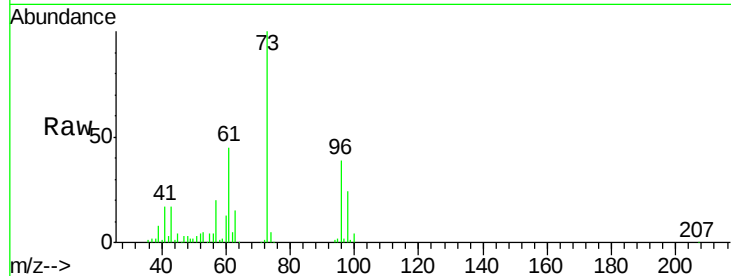




#19
Methyl tert-butyl Ether
Concen: 43.30 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

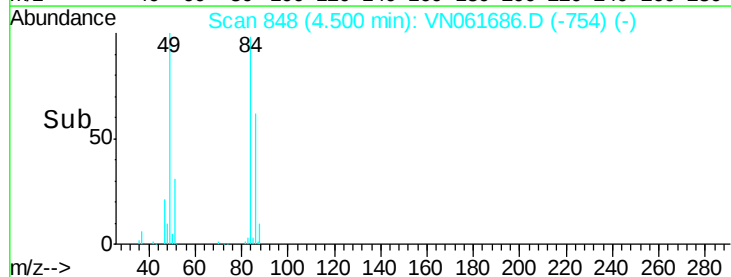
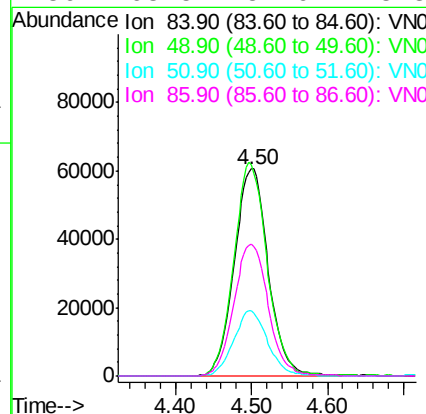
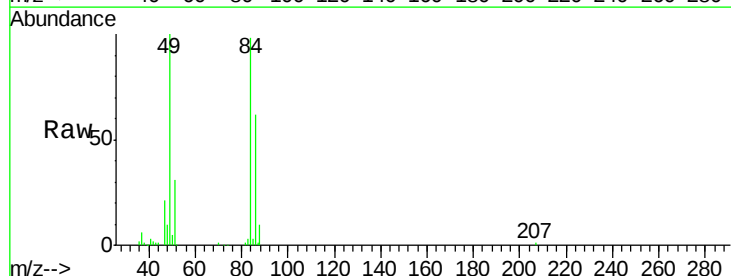
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

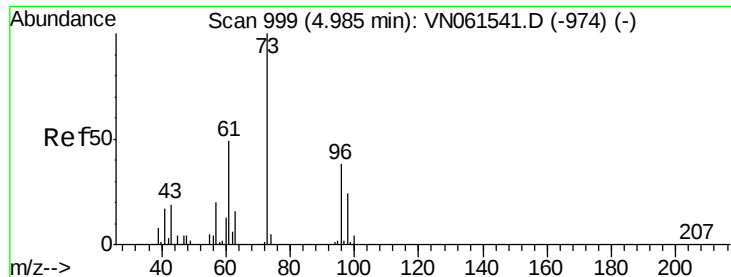
Tgt Ion: 73 Resp: 551263
Ion Ratio Lower Upper
73 100
57 19.8 16.4 24.6



#20
Methylene Chloride
Concen: 47.49 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 84 Resp: 188364
Ion Ratio Lower Upper
84 100
49 101.8 85.8 128.8
51 31.5 26.2 39.2
86 63.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 44.52 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

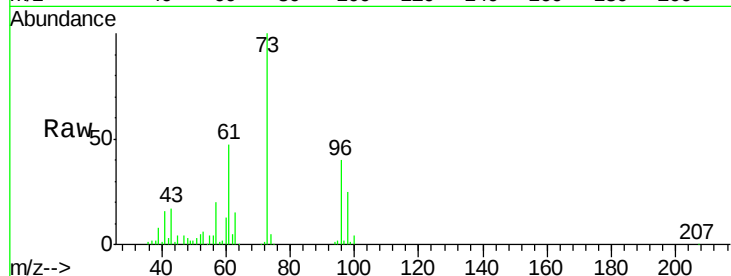
Tgt Ion: 96 Resp: 187538

Ion Ratio Lower Upper

96 100

61 117.6 101.4 152.0

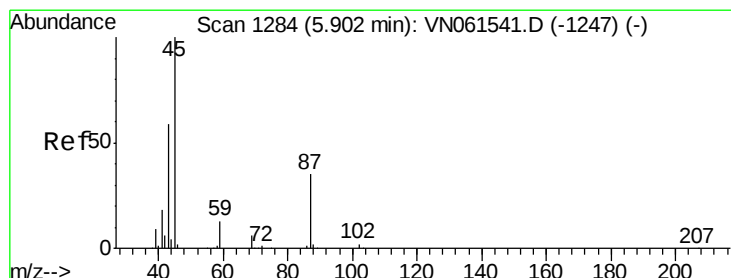
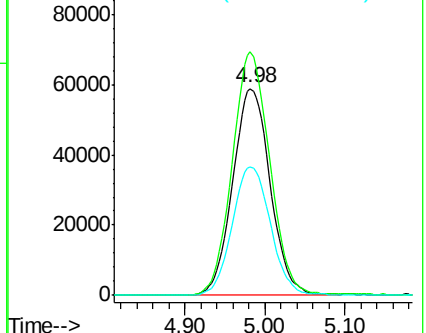
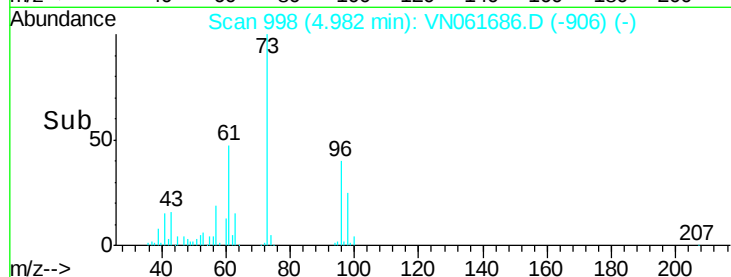
98 61.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061686.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061686.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061686.D (-906) (-)



#22

Diisopropyl ether

Concen: 44.63 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Tgt Ion: 45 Resp: 480346

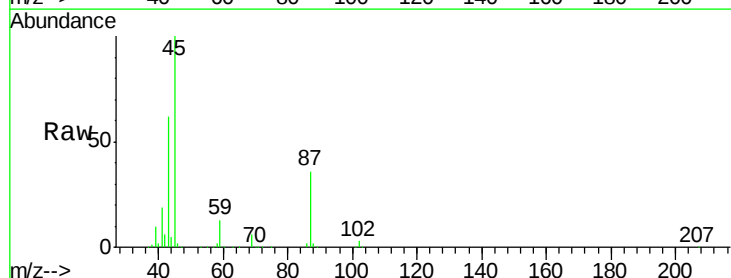
Ion Ratio Lower Upper

45 100

43 61.2 47.9 71.9

87 35.8 28.4 42.6

59 13.2 10.5 15.7

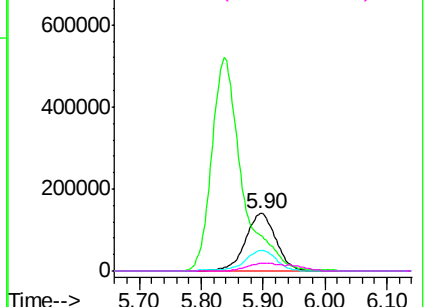
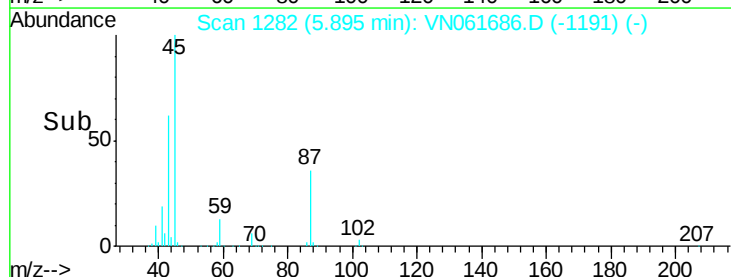


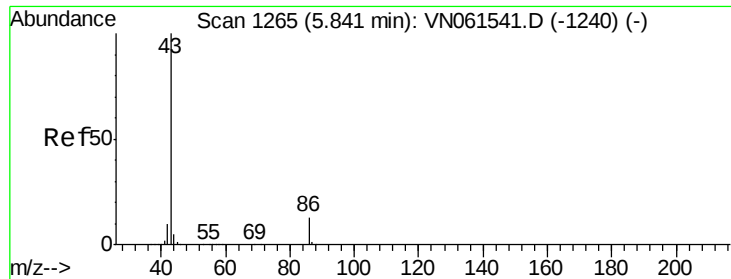
Abundance Ion 45.00 (44.70 to 45.70): VN061686.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061686.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061686.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061686.D (-1191) (-)





#23

Vinyl Acetate

Concen: 205.41 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

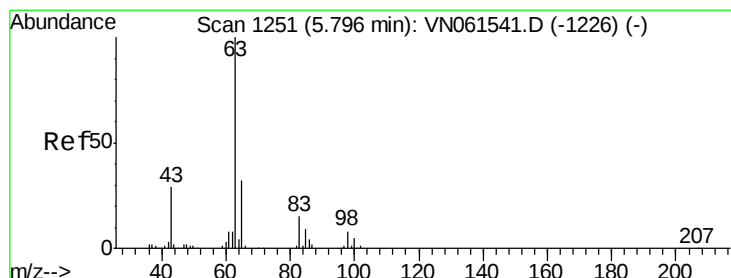
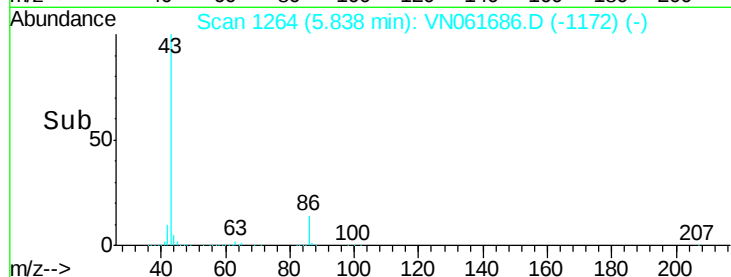
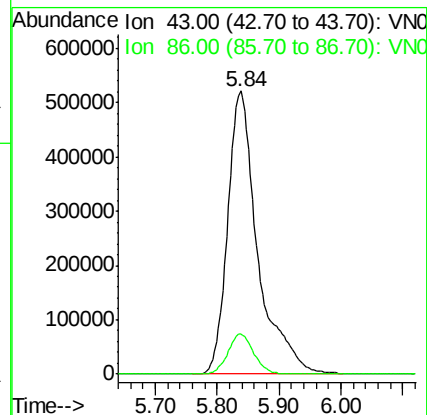
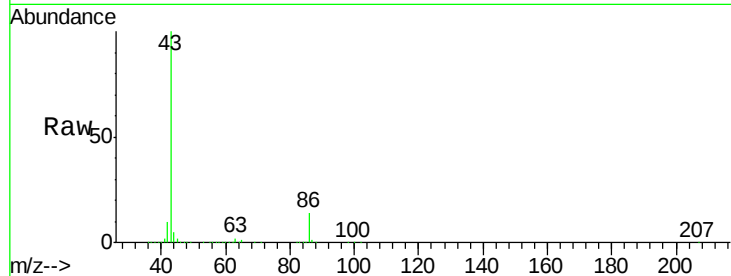
VSTDCCC050

Tgt Ion: 43 Resp: 1762122

Ion Ratio Lower Upper

43 100

86 14.1 10.6 16.0



#24

1,1-Dichloroethane

Concen: 45.13 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

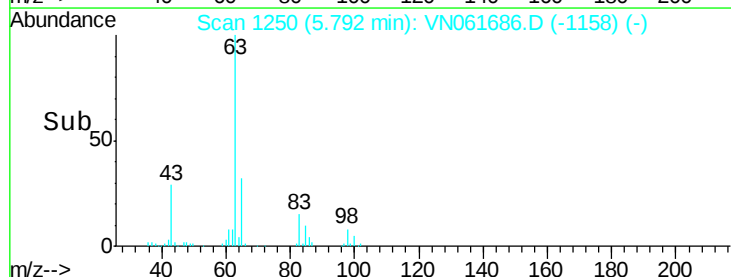
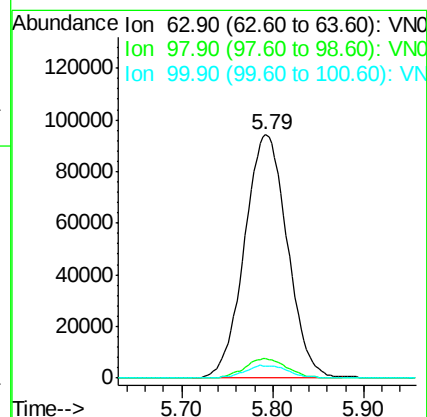
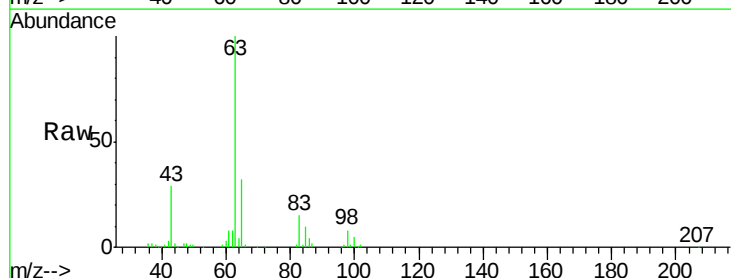
Tgt Ion: 63 Resp: 307992

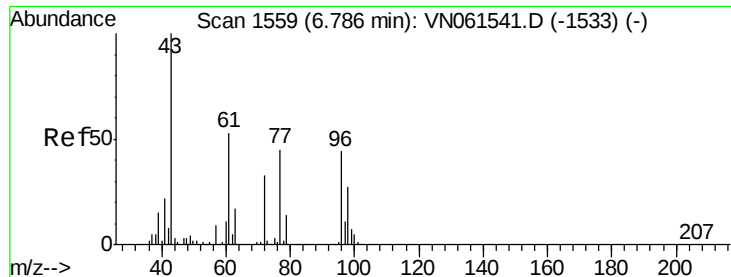
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 4.8 2.5 7.6

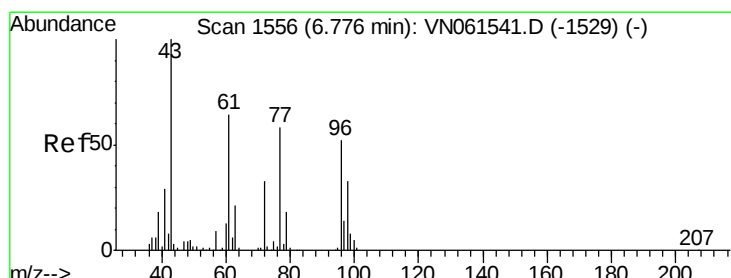
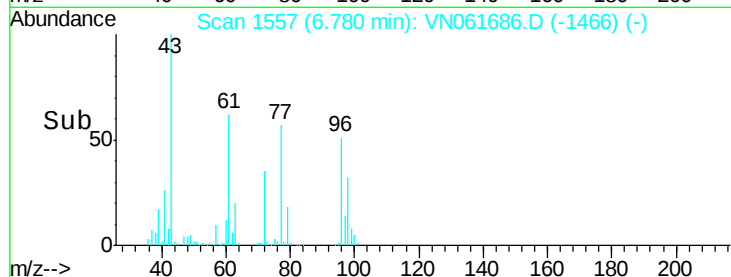
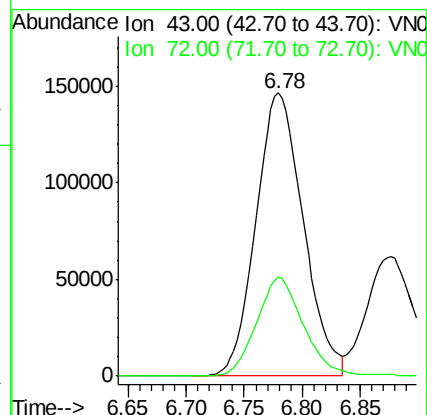
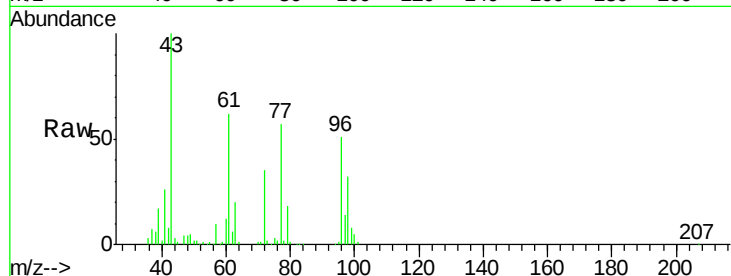




#25
2-Butanone
Concen: 201.01 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

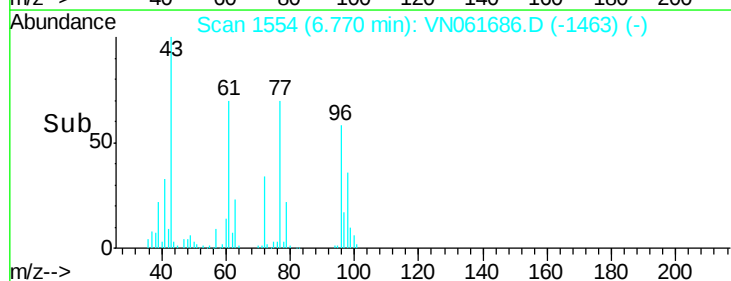
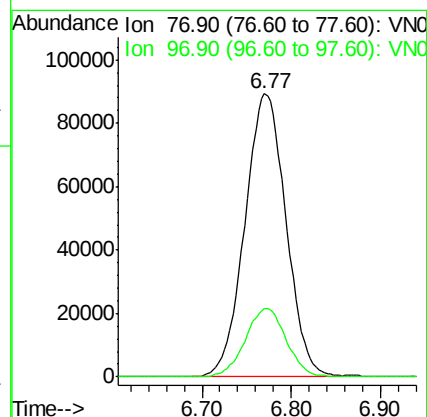
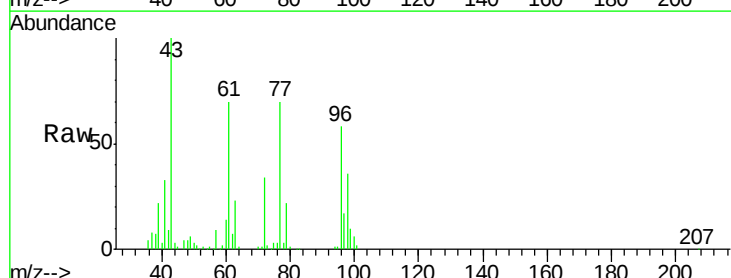
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

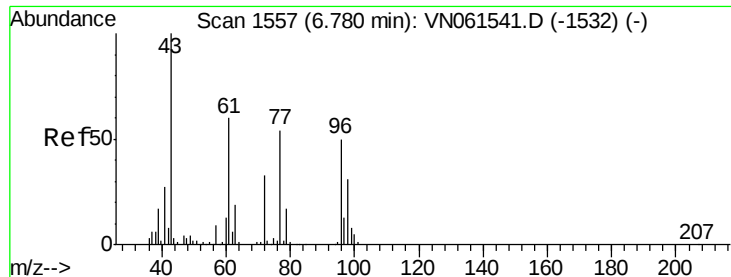
Tgt Ion: 43 Resp: 414925
Ion Ratio Lower Upper
43 100
72 35.1 26.0 39.0



#26
2,2-Dichloropropane
Concen: 45.91 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 77 Resp: 286811
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 46.39 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

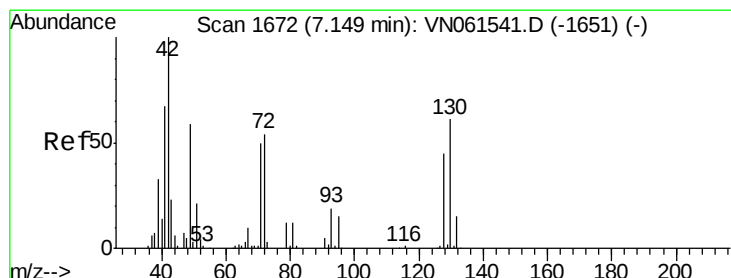
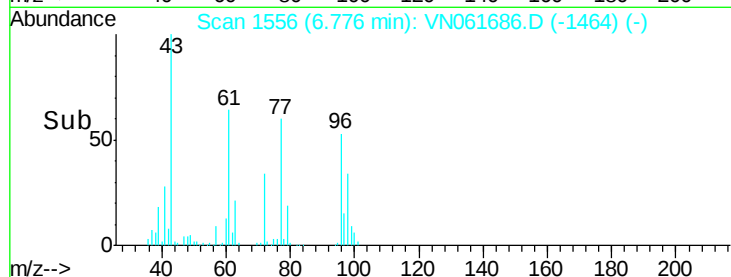
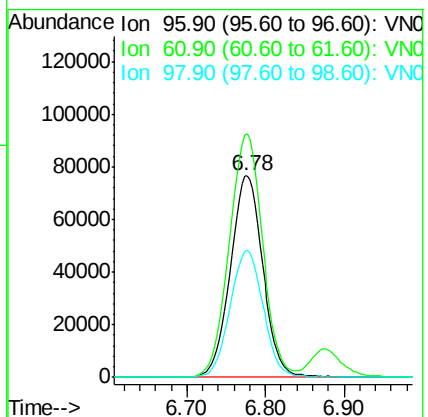
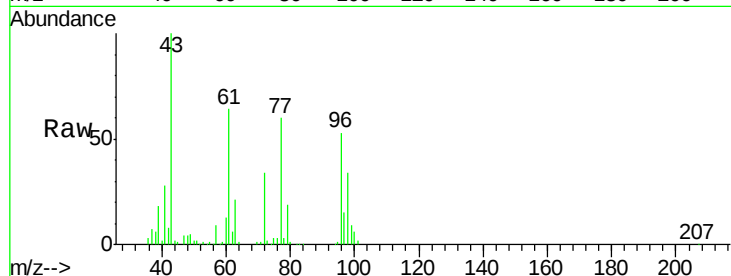
Tgt Ion: 96 Resp: 221300

Ion Ratio Lower Upper

96 100

61 123.5 0.0 252.2

98 64.1 0.0 129.2



#28

Bromochloromethane

Concen: 51.46 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

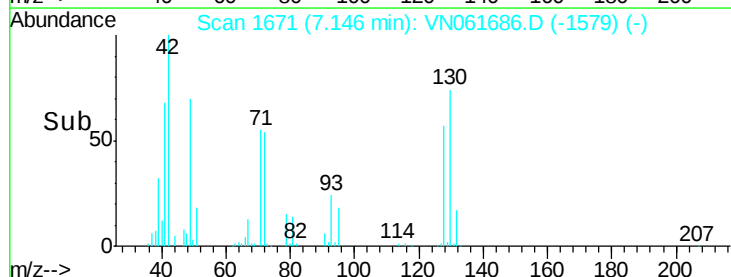
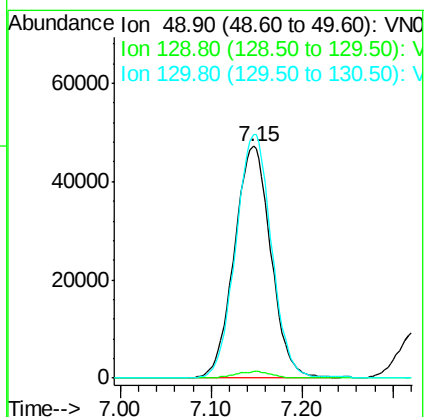
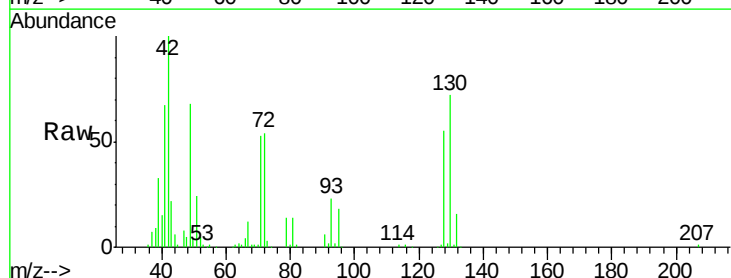
Tgt Ion: 49 Resp: 131752

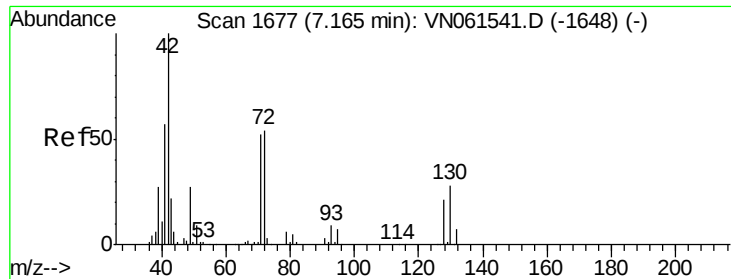
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 102.5 78.8 118.2

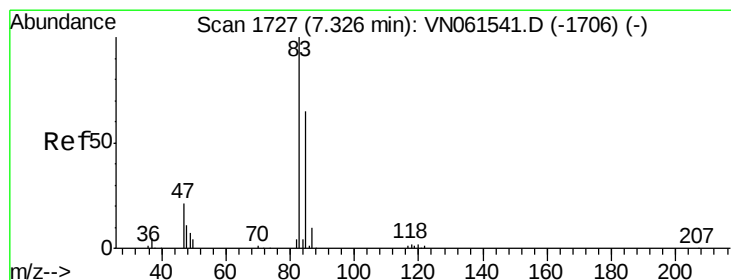
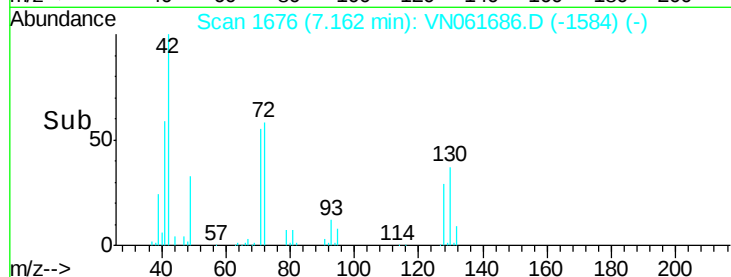
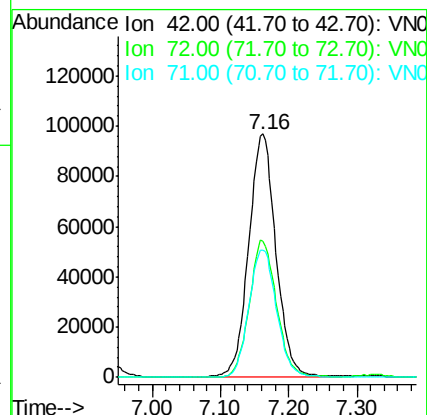
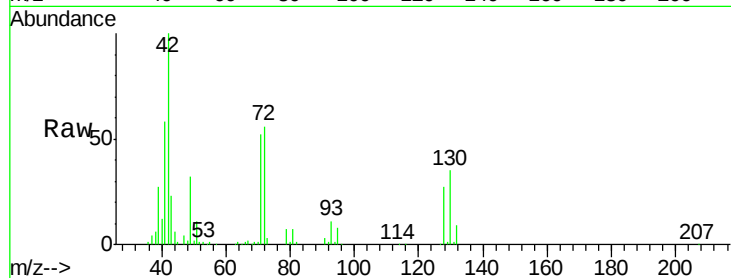




#29
Tetrahydrofuran
Concen: 199.02 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

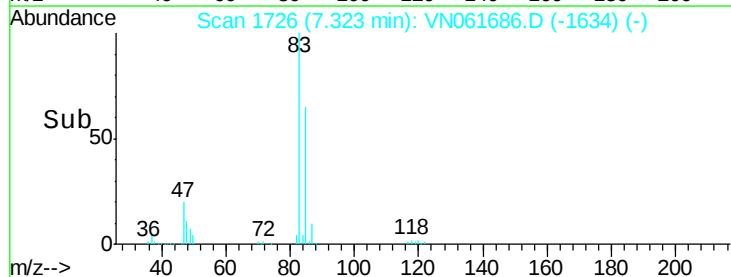
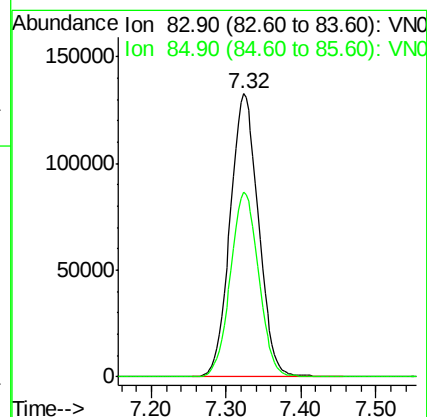
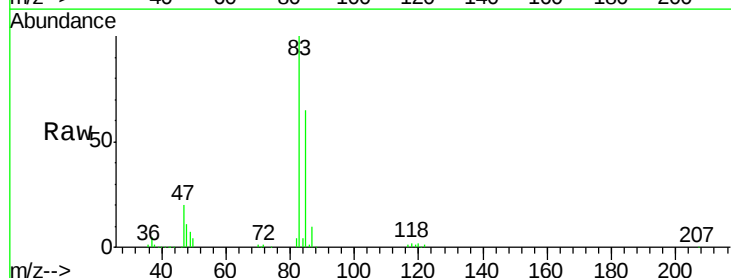
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 270890
Ion Ratio Lower Upper
42 100
72 55.9 43.6 65.4
71 52.9 41.2 61.8



#30
Chloroform
Concen: 46.28 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 83 Resp: 349443
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5





#31

Cyclohexane

Concen: 42.02 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

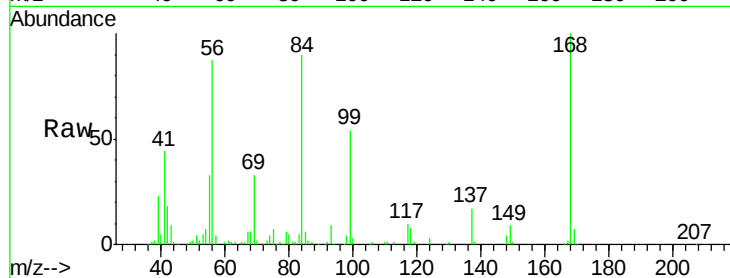
Tgt Ion: 56 Resp: 257928

Ion Ratio Lower Upper

56 100

69 37.6 27.8 41.8

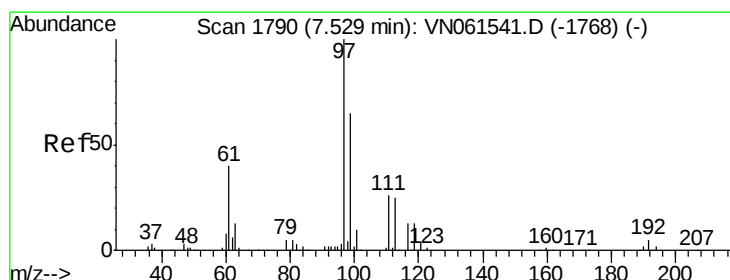
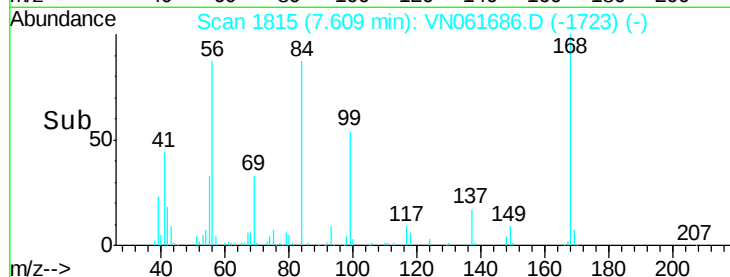
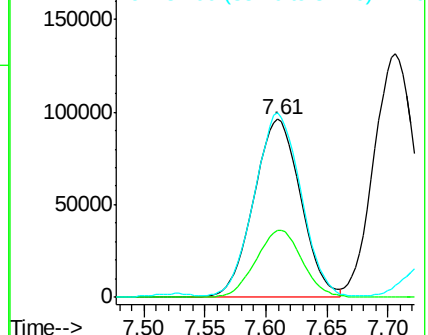
84 102.0 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 45.36 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

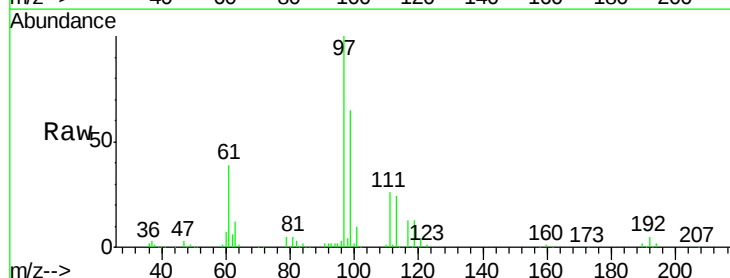
Tgt Ion: 97 Resp: 312070

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

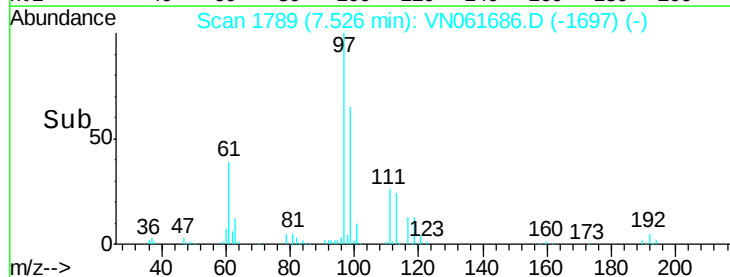
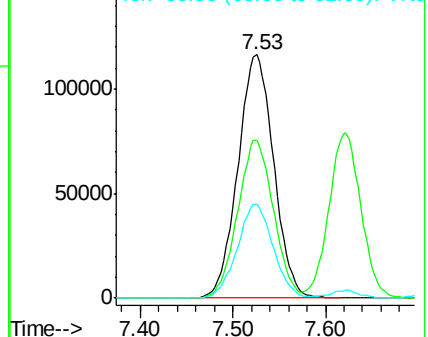
61 38.6 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)

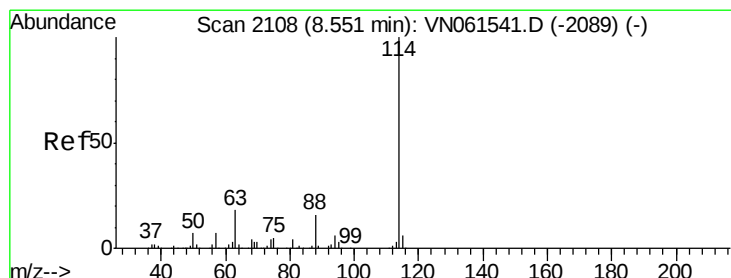
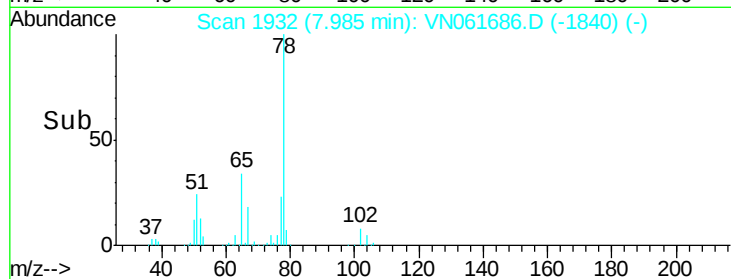
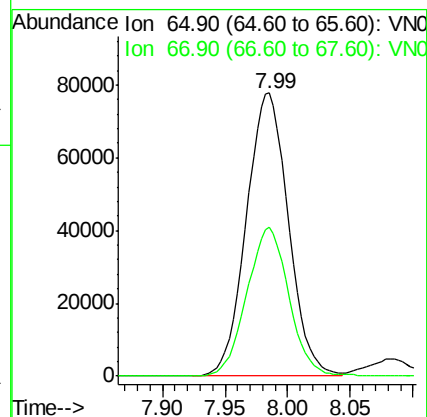
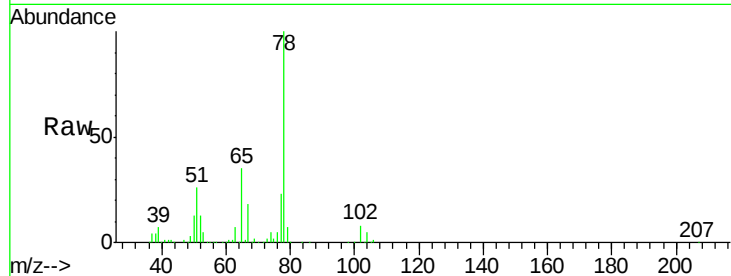




#33
 1,2-Dichloroethane-d4
 Concen: 41.71 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

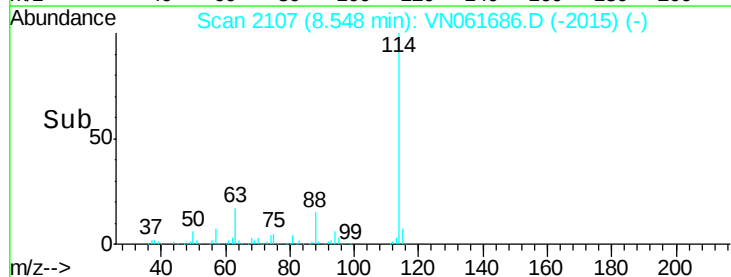
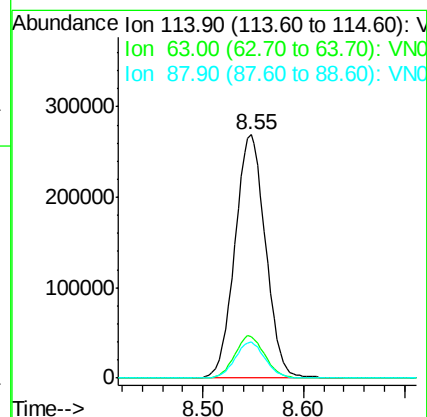
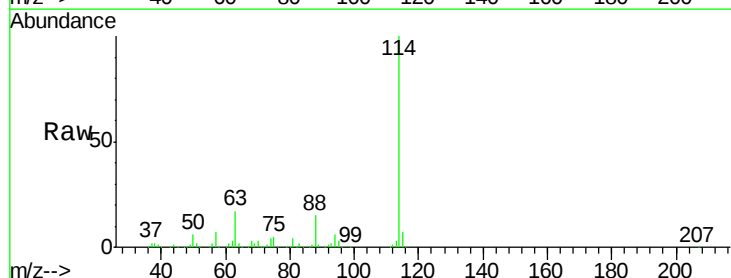
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 181646
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 114 Resp: 566309
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.6 0.0 31.0

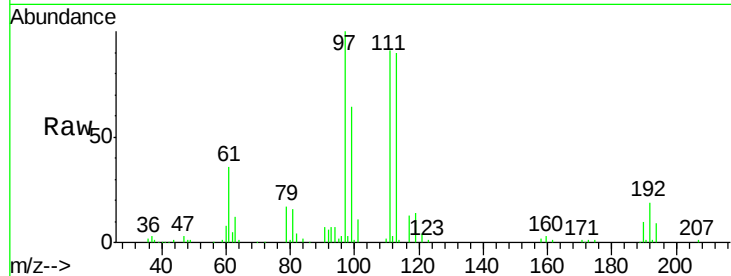




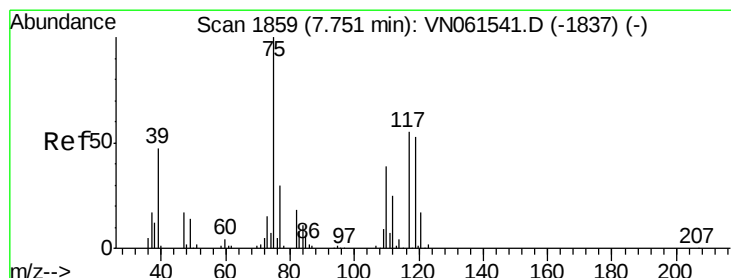
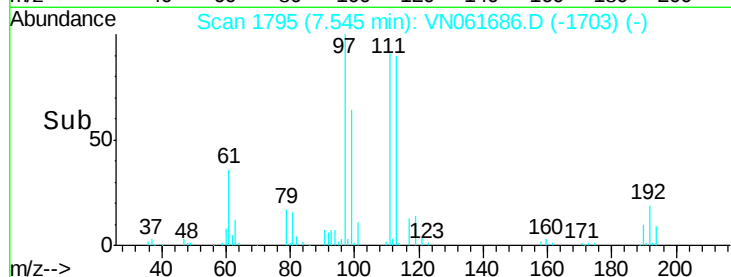
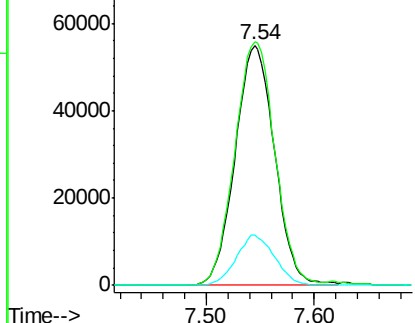
#35
 Dibromofluoromethane
 Concen: 48.72 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 139976
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.0
 192 20.3 15.4 23.2

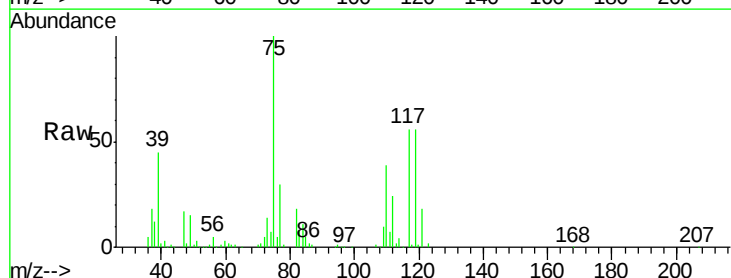


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

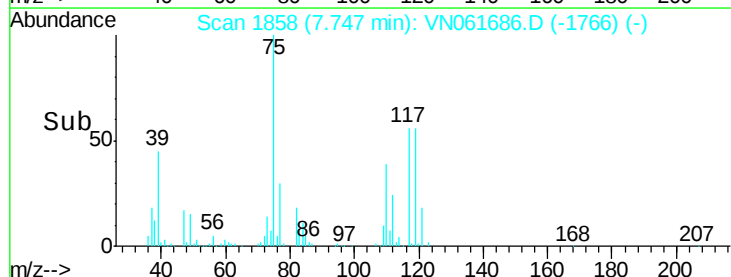
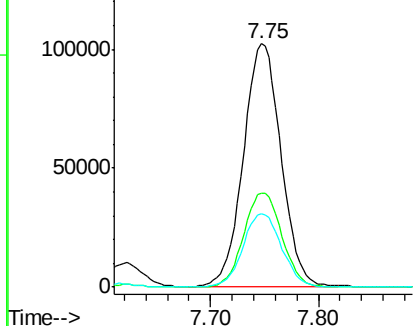


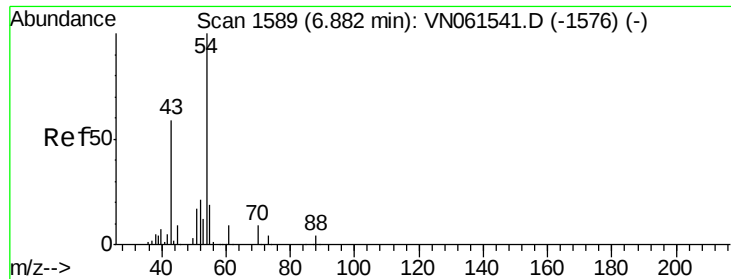
#36
 1,1-Dichloropropene
 Concen: 49.17 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 75 Resp: 246522
 Ion Ratio Lower Upper
 75 100
 110 39.7 19.5 58.5
 77 31.3 24.7 37.1



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

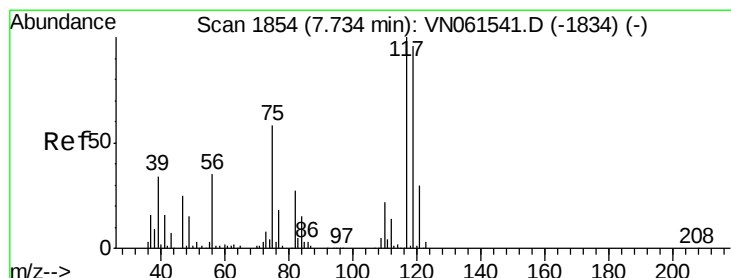
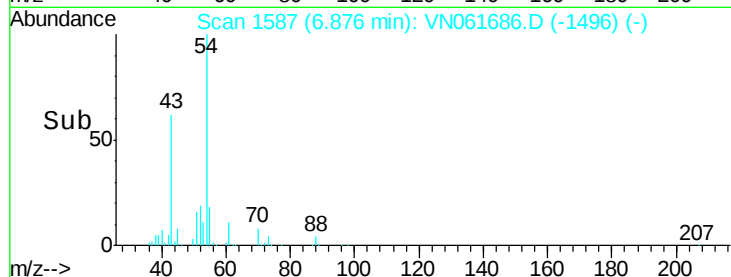
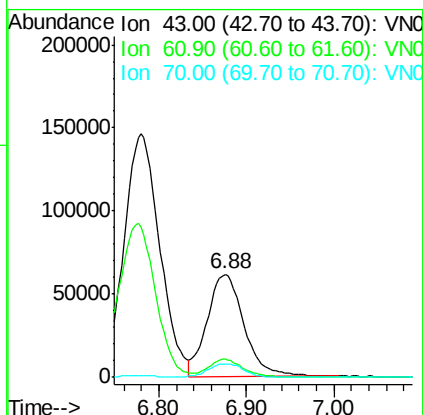
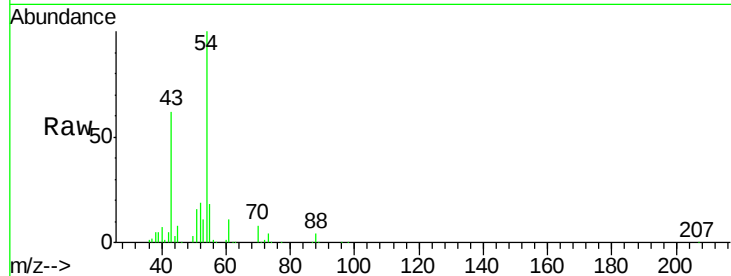




#37
Ethyl Acetate
Concen: 44.70 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

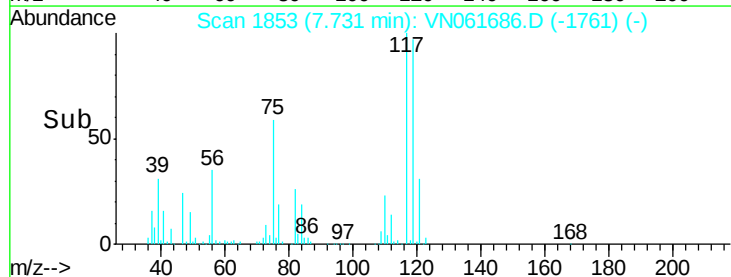
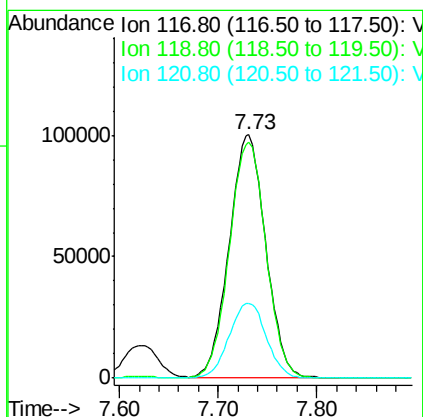
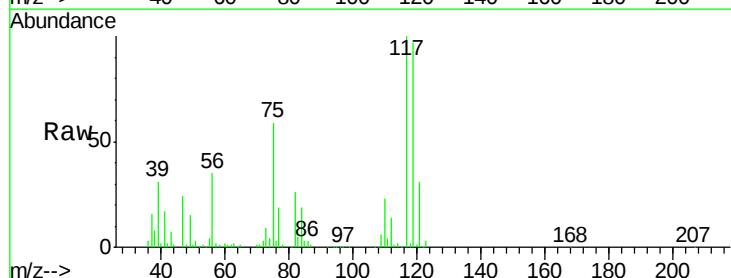
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

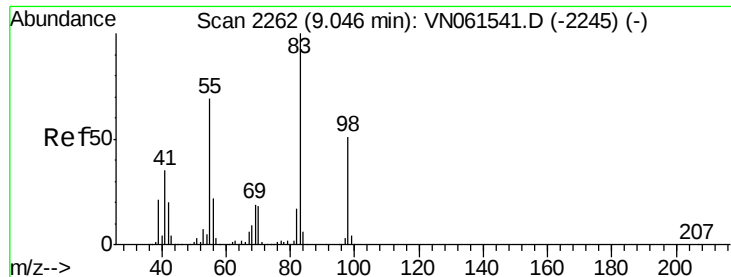
Tgt Ion: 43 Resp: 180491
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 13.2 9.4 14.2



#38
Carbon Tetrachloride
Concen: 53.28 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 117 Resp: 257634
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 30.8 24.1 36.1

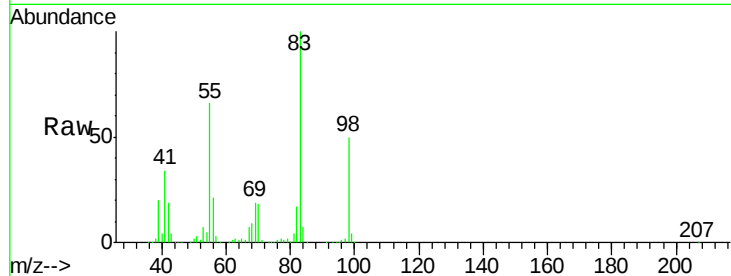




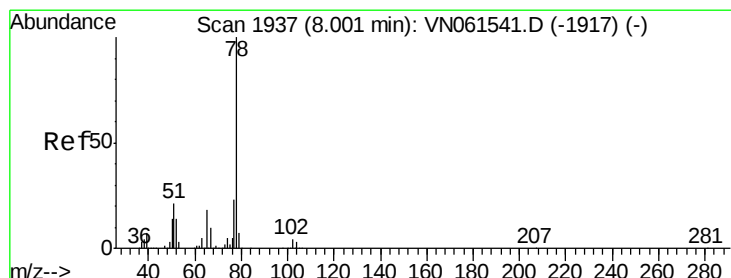
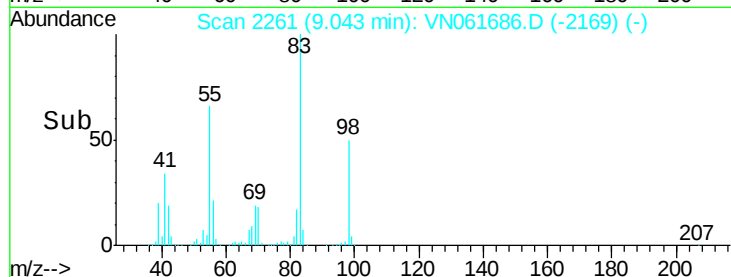
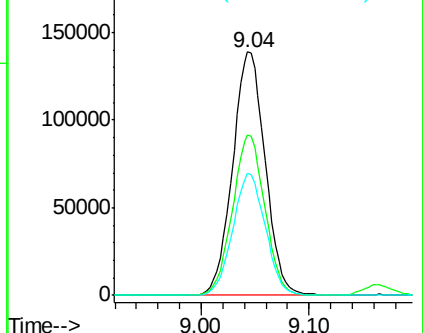
#39
Methylcyclohexane
Concen: 47.33 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 292492
Ion Ratio Lower Upper
83 100
55 66.1 54.9 82.3
98 50.2 41.0 61.4

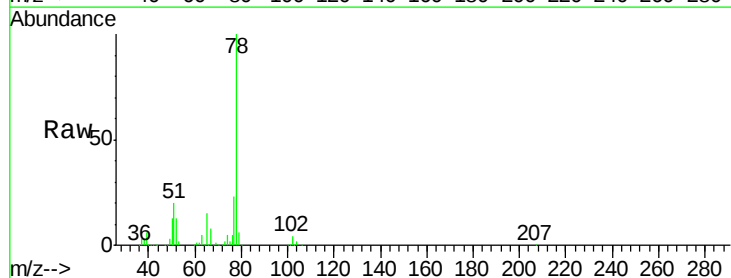


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

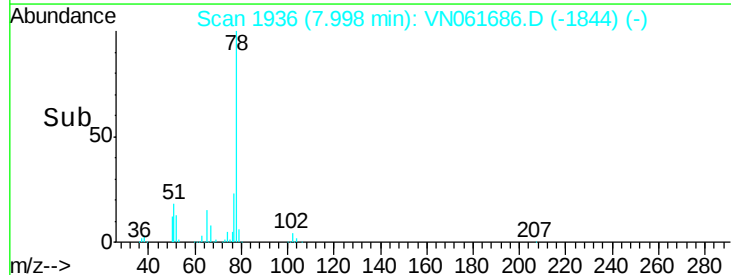
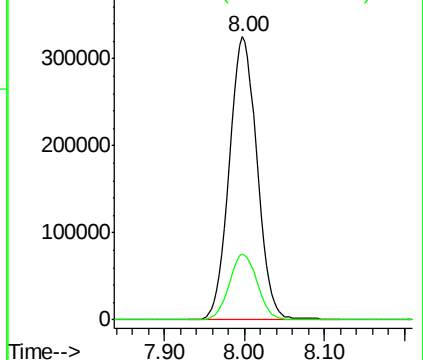


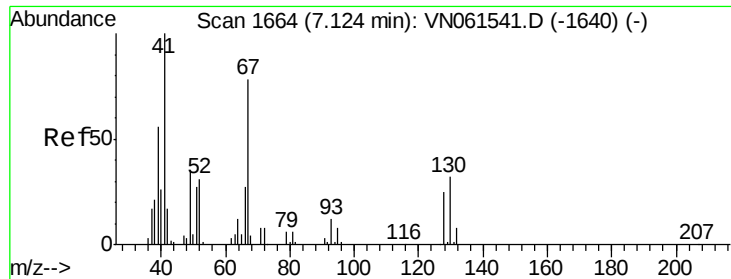
#40
Benzene
Concen: 49.52 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 78 Resp: 765942
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



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

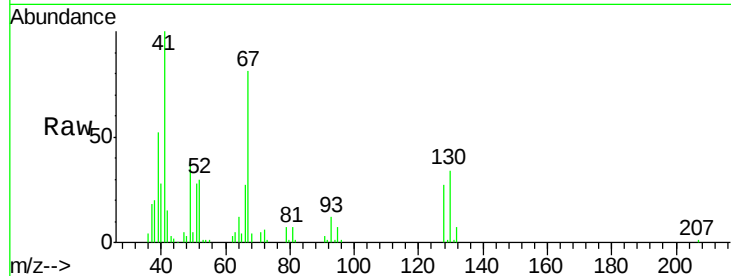




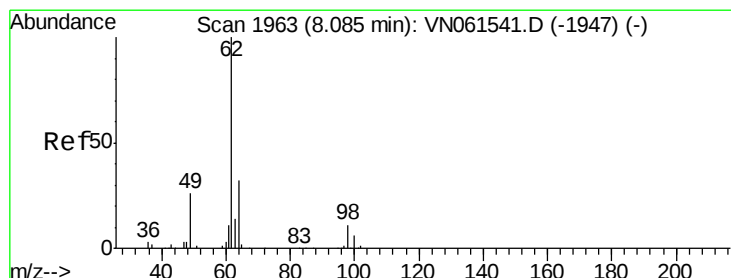
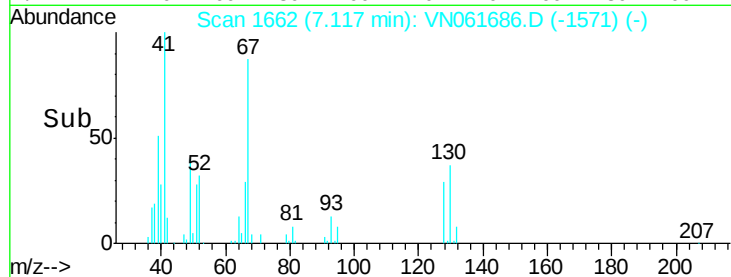
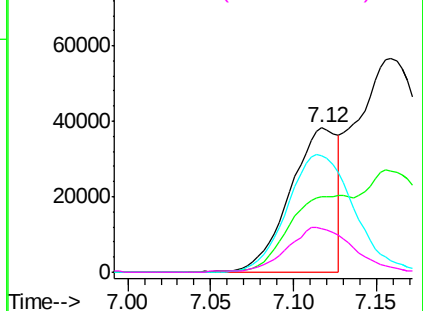
#41
Methacrylonitrile
Concen: 41.17 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	76165
Ion	Ratio	Lower	Upper
41	100		
39	70.4	53.8	80.6
67	115.4	91.1	136.7
52	41.4	36.0	54.0

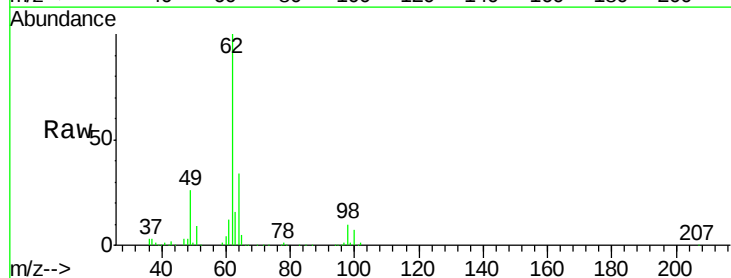


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

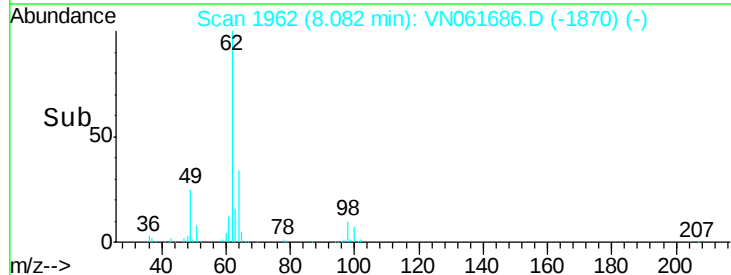
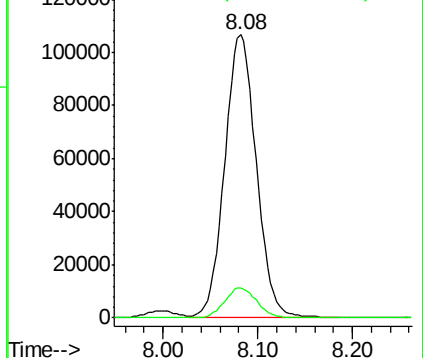


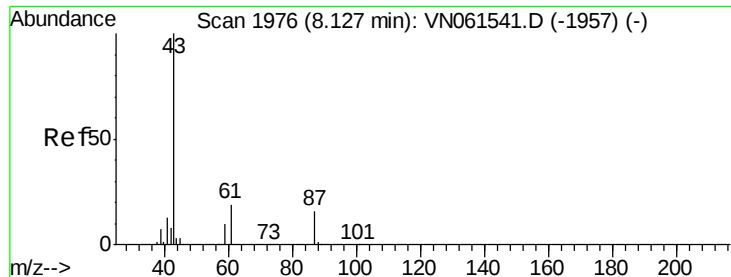
#42
1,2-Dichloroethane
Concen: 47.61 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion:	62	Resp:	246573
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4



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

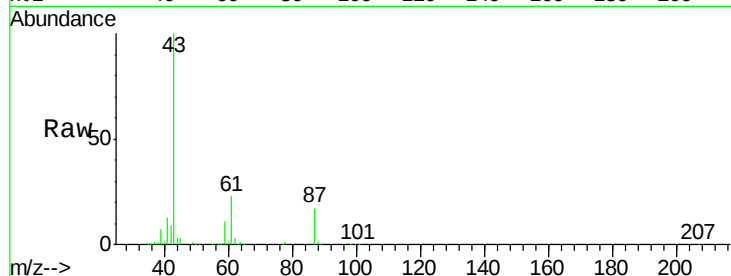




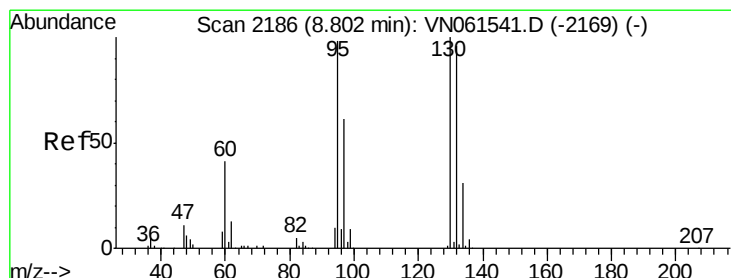
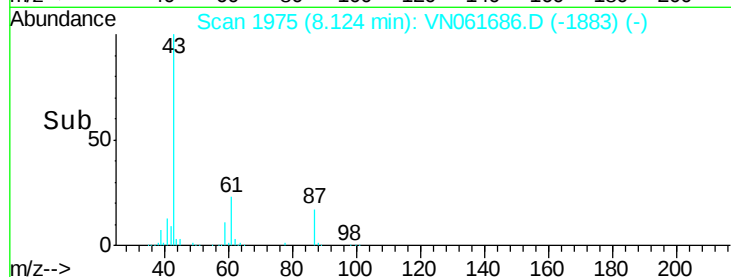
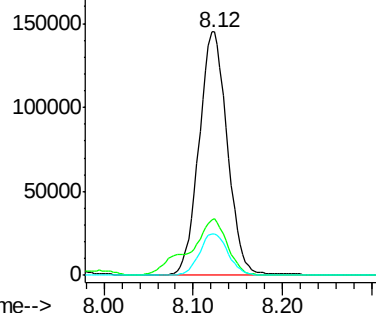
#43
Isopropyl Acetate
Concen: 43.73 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 317716
Ion Ratio Lower Upper
43 100
61 30.9 23.6 35.4
87 17.3 13.0 19.6

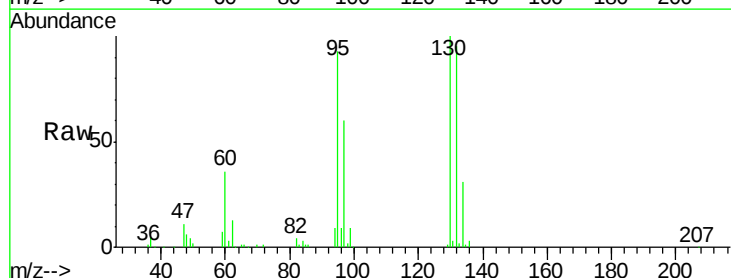


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

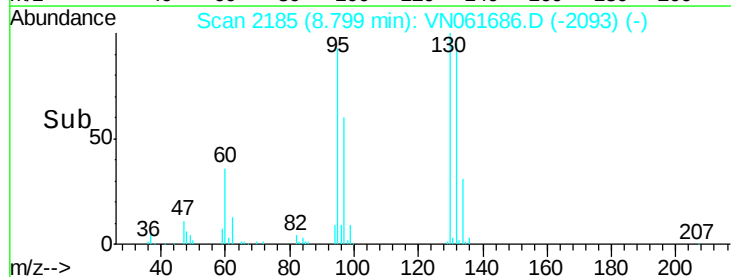
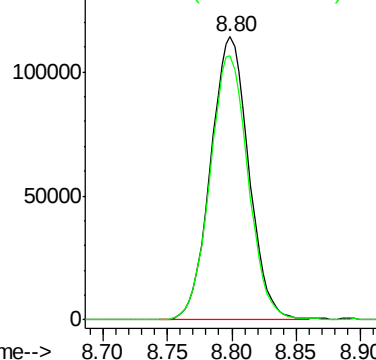


#44
Trichloroethene
Concen: 49.54 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 130 Resp: 235517
Ion Ratio Lower Upper
130 100
95 93.1 0.0 196.6



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

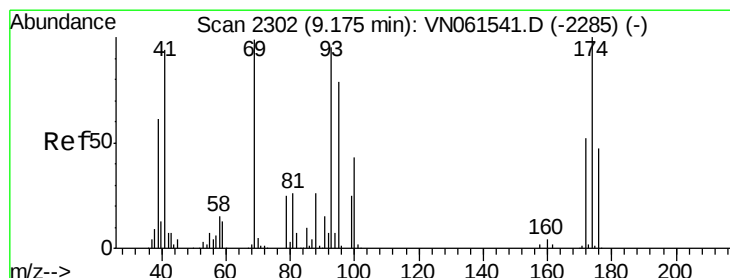
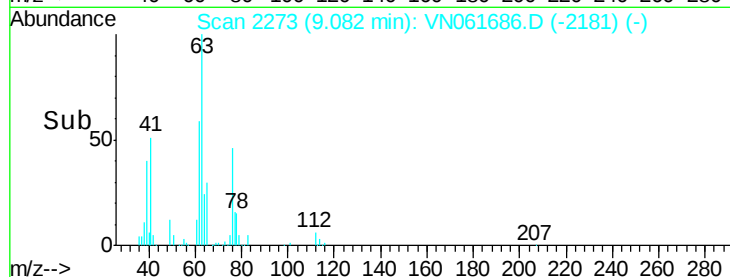
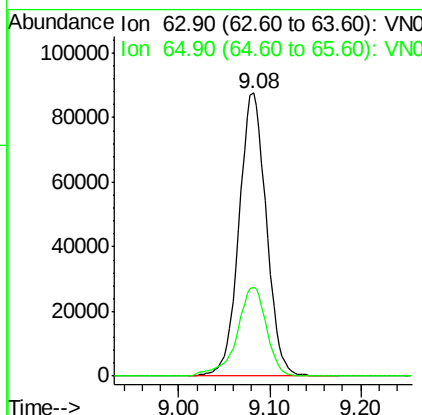
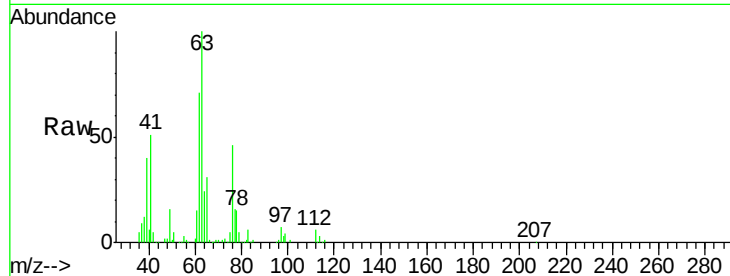




#45
 1,2-Dichloropropane
 Concen: 49.73 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

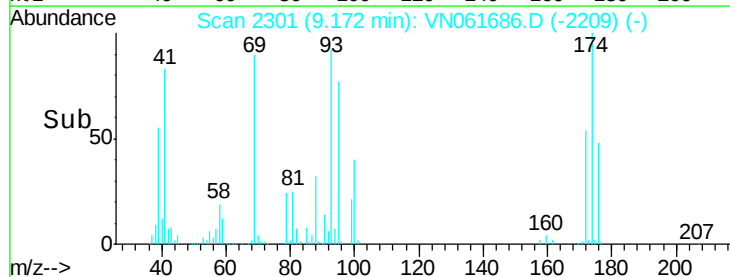
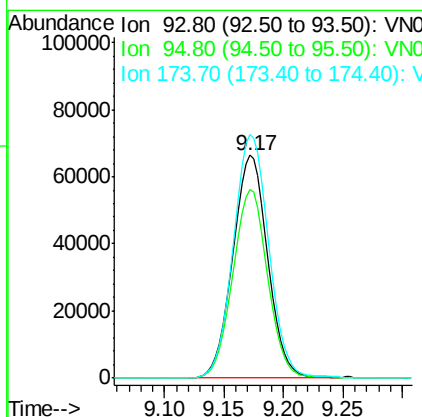
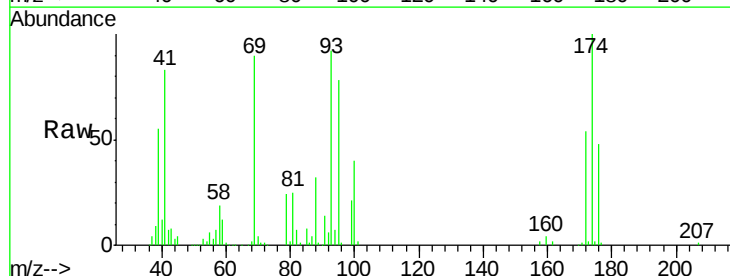
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 182650
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 48.02 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 93 Resp: 135285
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.0 99.0
 174 110.9 82.5 123.7





#47

Bromodichloromethane

Concen: 50.52 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

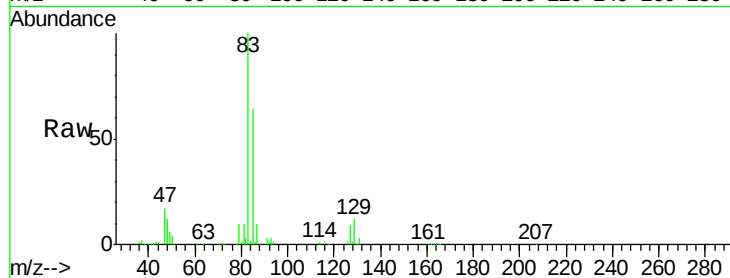
Tgt Ion: 83 Resp: 281956

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

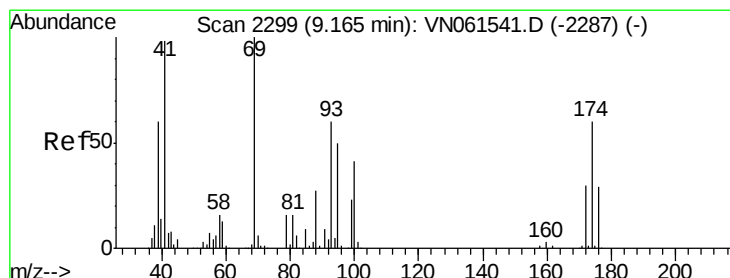
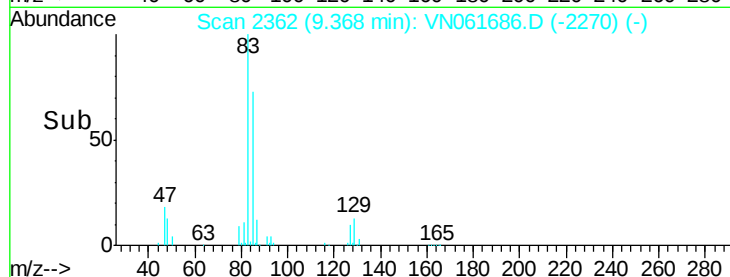
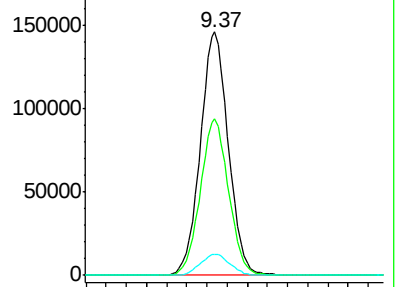
127 8.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061686.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061686.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061686.D (-2270) (-)



#48

Methyl methacrylate

Concen: 41.69 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

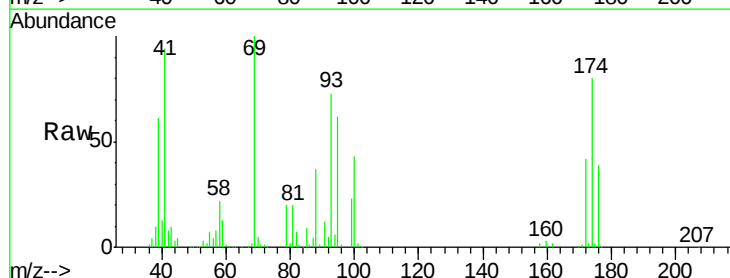
Tgt Ion: 41 Resp: 136278

Ion Ratio Lower Upper

41 100

69 110.6 83.9 125.9

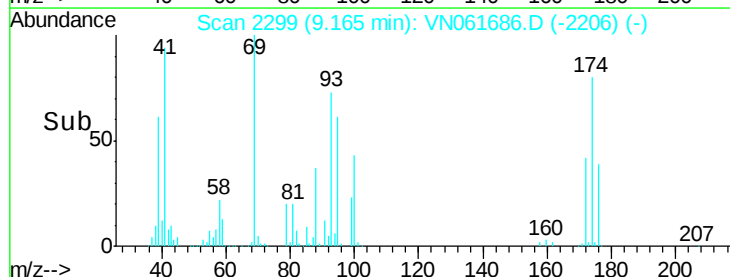
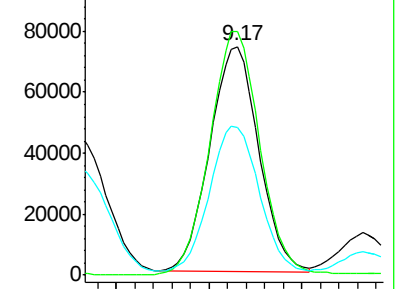
39 65.1 52.1 78.1

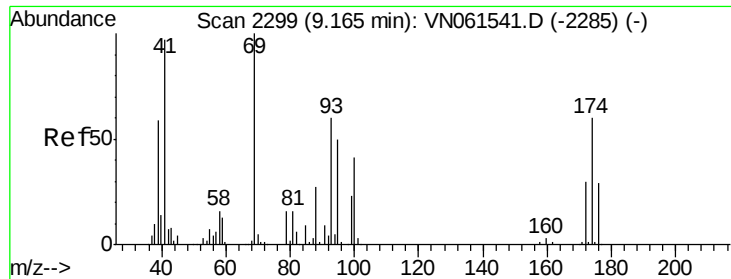


Abundance Ion 41.00 (40.70 to 41.70): VN061686.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061686.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061686.D (-2206) (-)

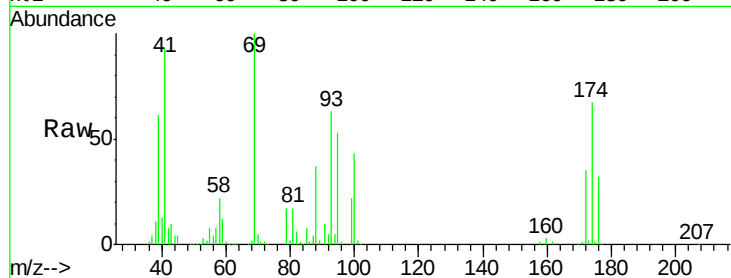




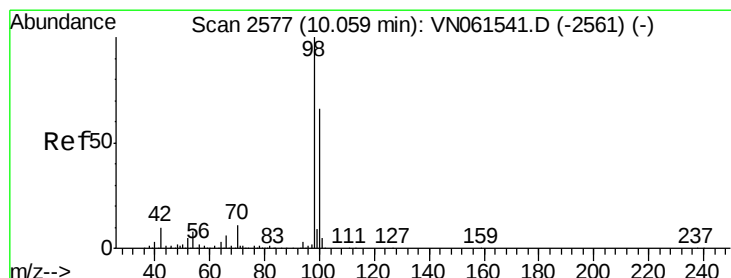
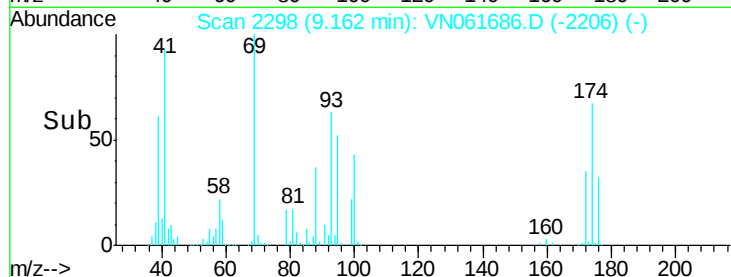
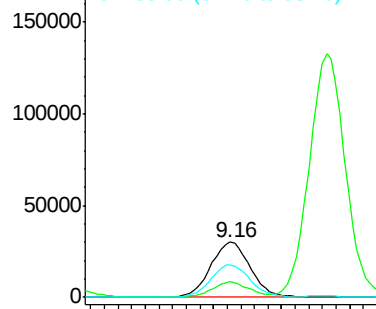
#49
1,4-Dioxane
Concen: 1201.35 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 60829
Ion Ratio Lower Upper
88 100
43 26.0 23.1 34.7
58 58.8 48.3 72.5

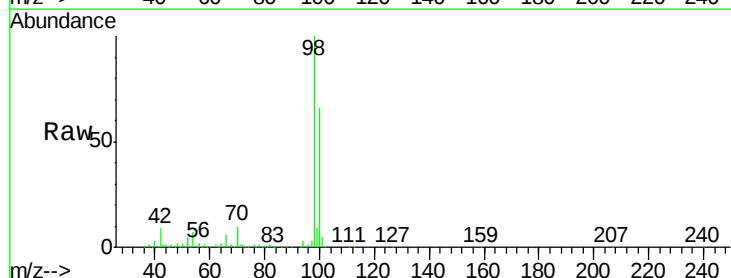


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

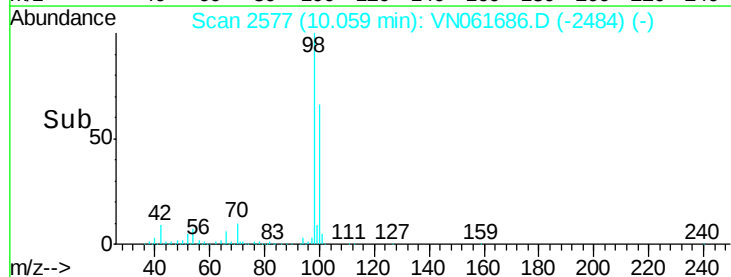
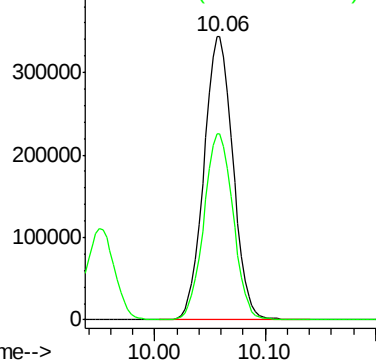


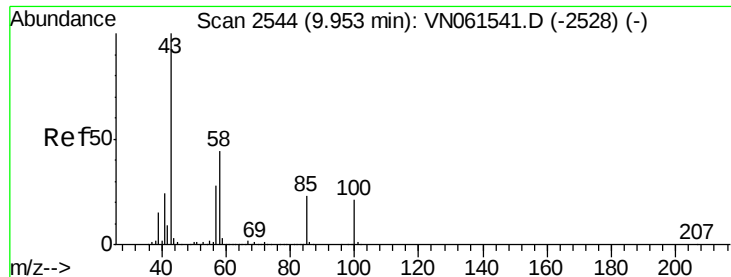
#50
Toluene-d8
Concen: 47.10 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 98 Resp: 627039
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



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

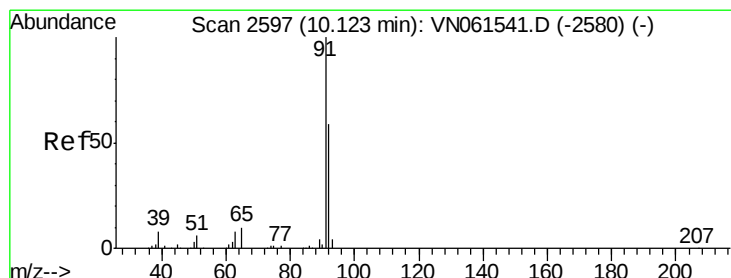
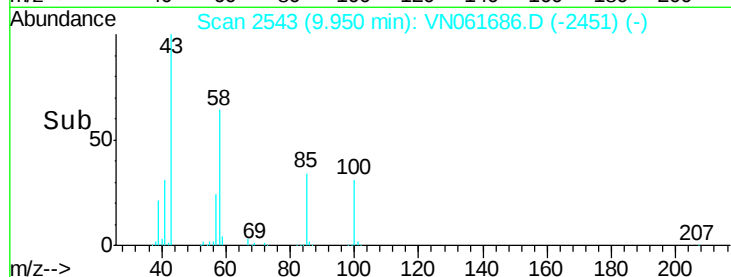
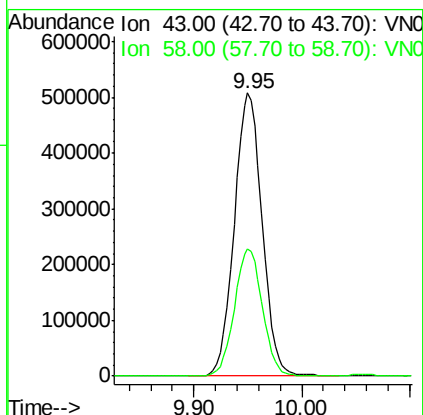
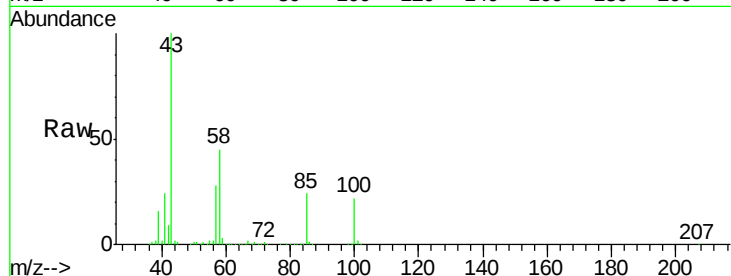




#51
 4-Methyl-2-Pentanone
 Concen: 222.54 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

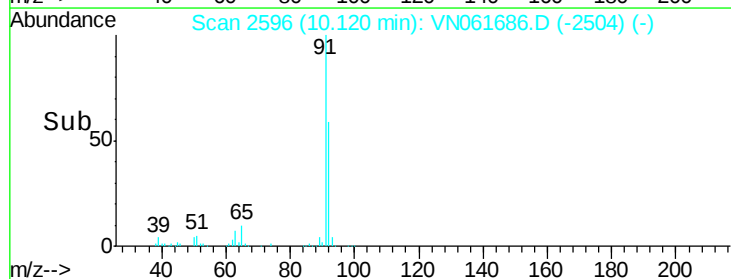
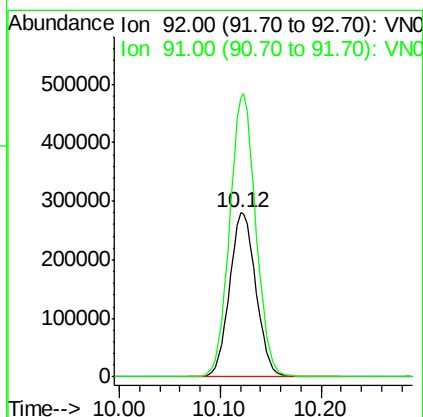
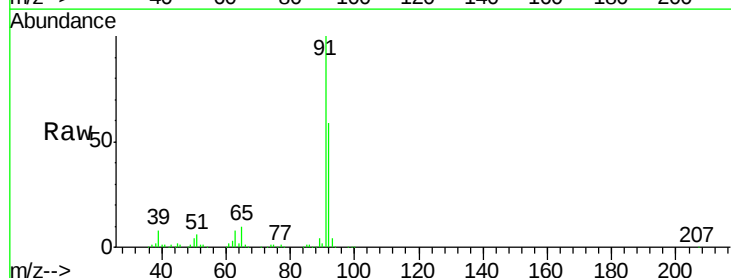
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

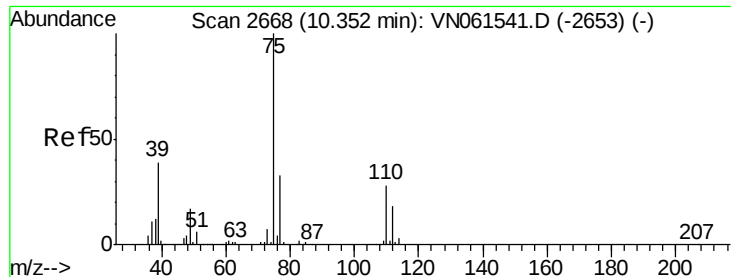
Tgt Ion: 43 Resp: 911041
 Ion Ratio Lower Upper
 43 100
 58 45.1 35.0 52.6



#52
 Toluene
 Concen: 50.86 ug/l
 RT: 10.12 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 92 Resp: 513516
 Ion Ratio Lower Upper
 92 100
 91 169.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 49.70 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

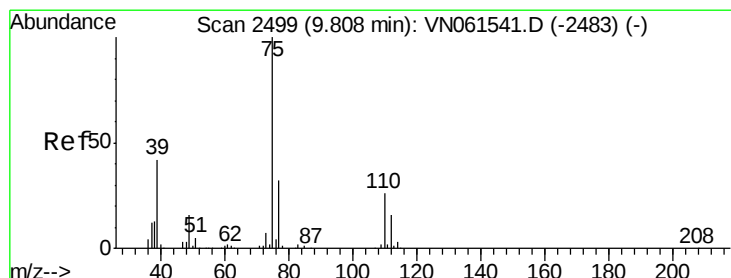
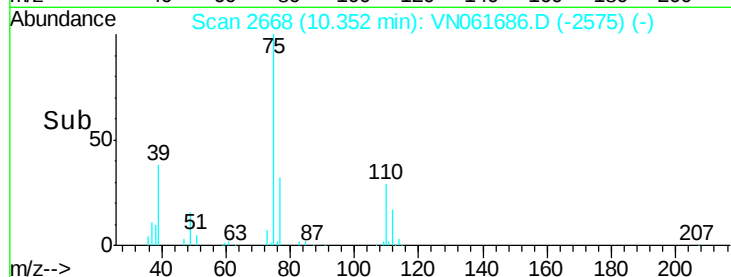
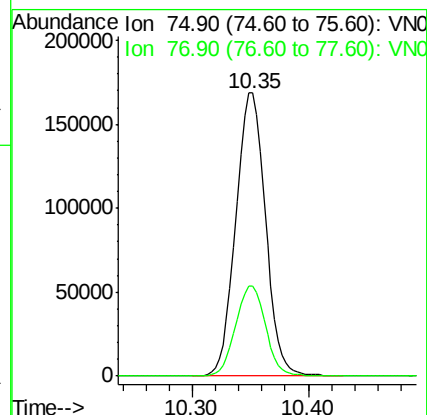
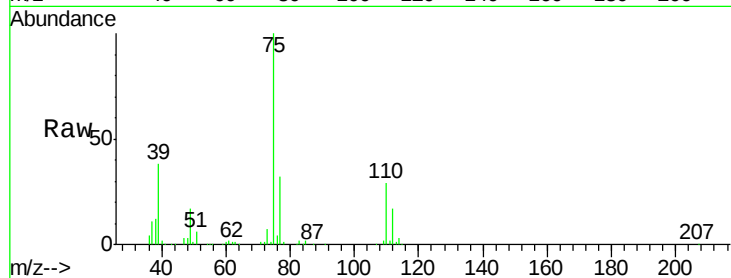
VSTDCCC050

Tgt Ion: 75 Resp: 298792

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.11 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

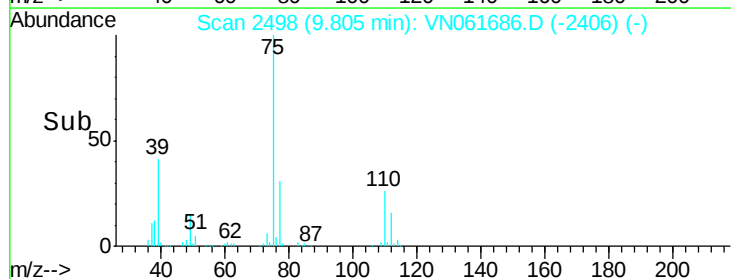
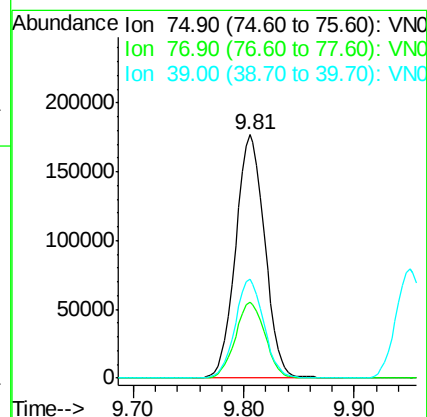
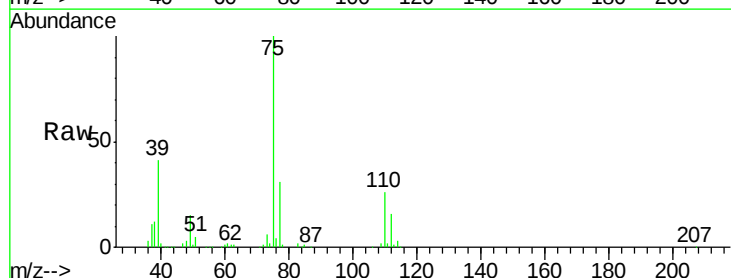
Tgt Ion: 75 Resp: 323929

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 40.6 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 50.54 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 203267

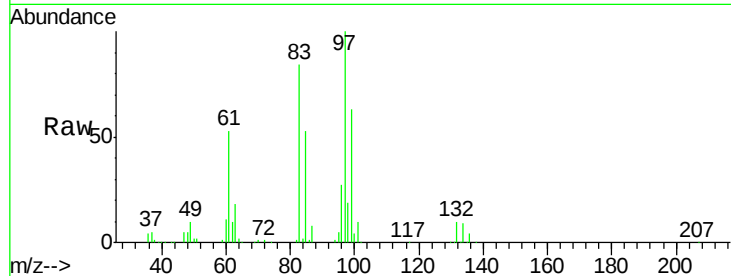
Ion Ratio Lower Upper

97 100

83 84.2 68.1 102.1

85 52.6 44.1 66.1

99 63.0 51.1 76.7

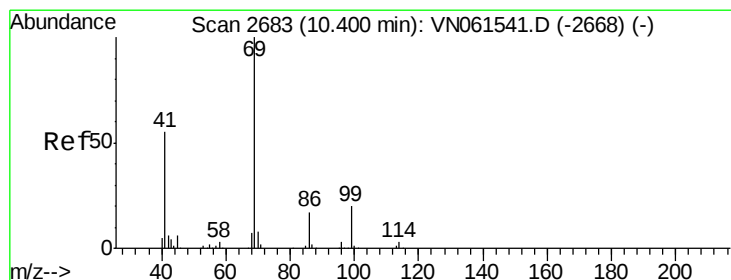
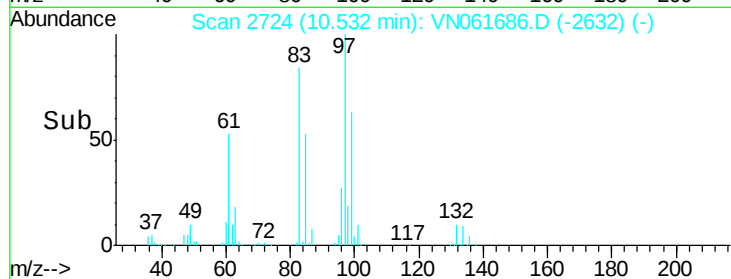
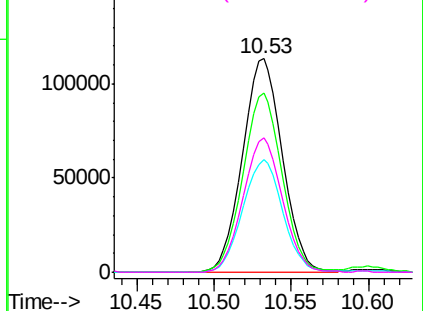


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.98 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

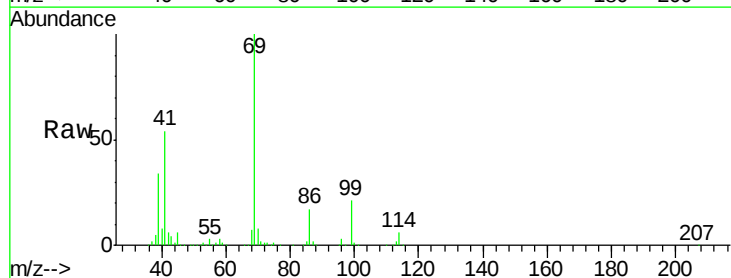
Tgt Ion: 69 Resp: 269601

Ion Ratio Lower Upper

69 100

41 52.5 43.5 65.3

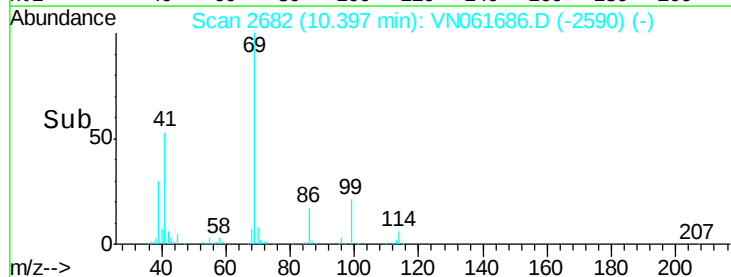
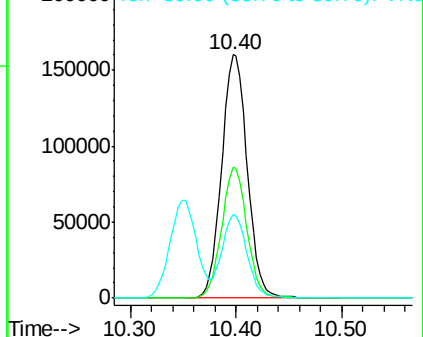
39 33.8 27.0 40.6

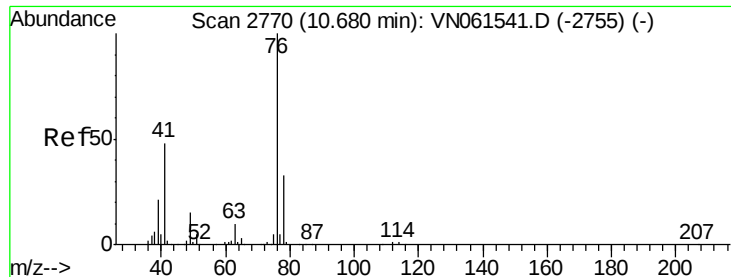


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

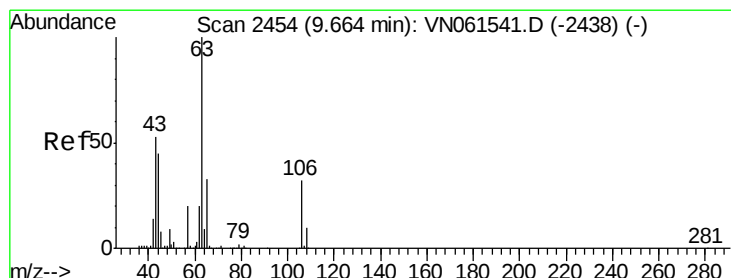
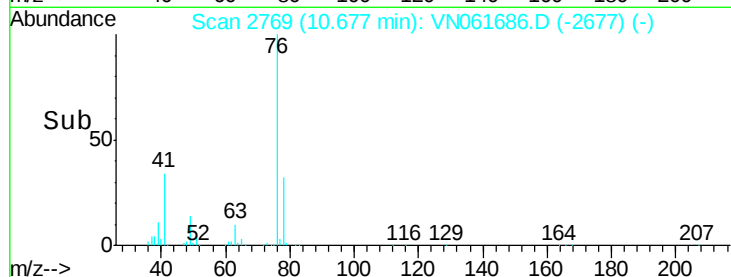
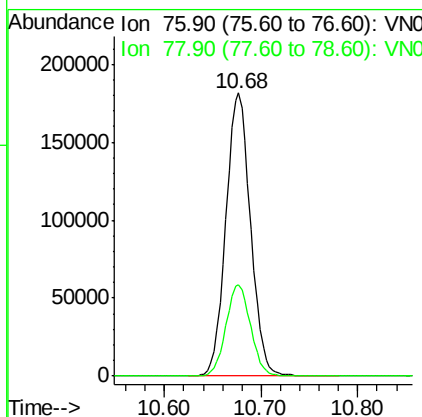
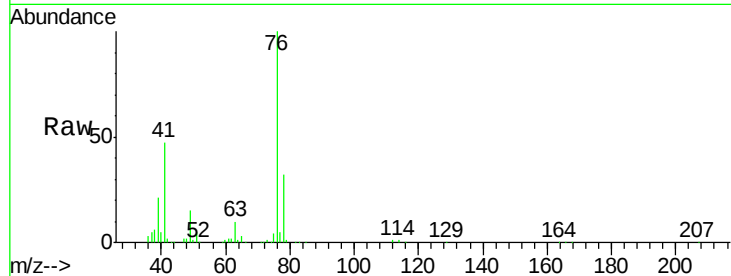




#57
 1,3-Dichloropropane
 Concen: 49.90 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

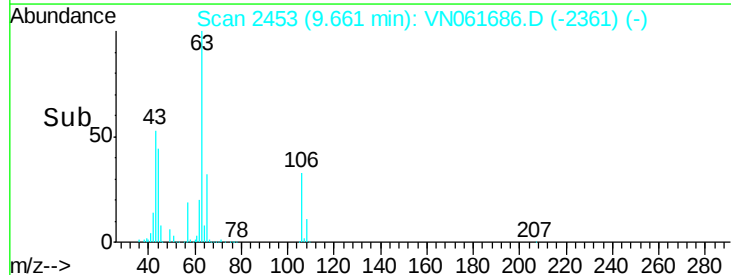
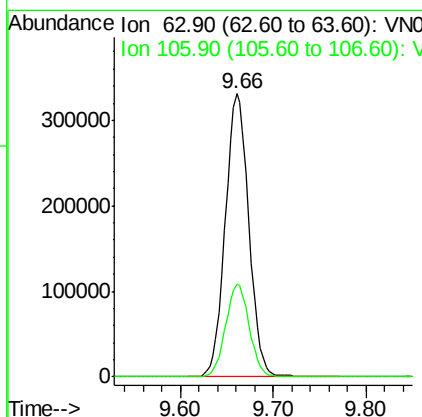
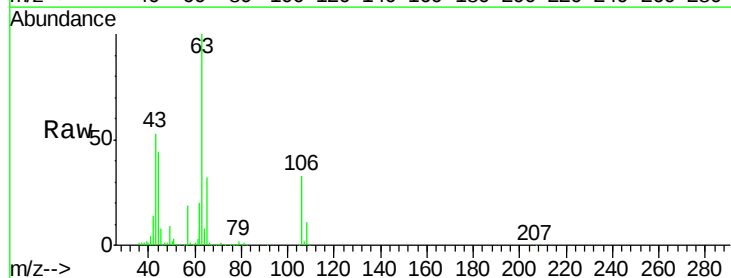
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

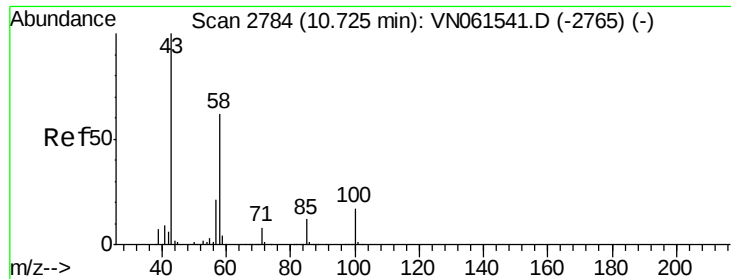
Tgt Ion: 76 Resp: 320998
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.29 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 63 Resp: 581784
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.9 38.9

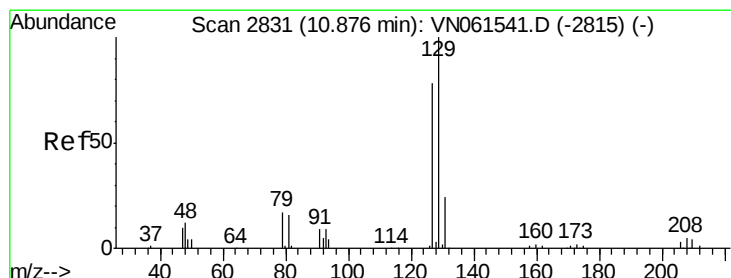
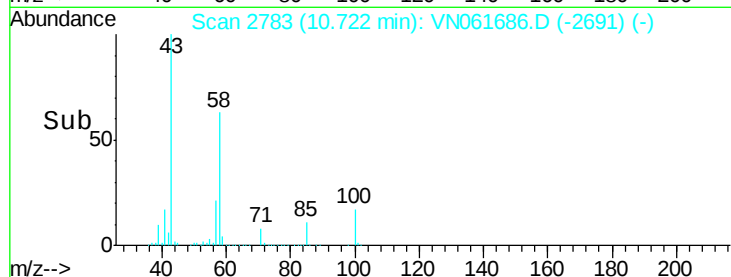
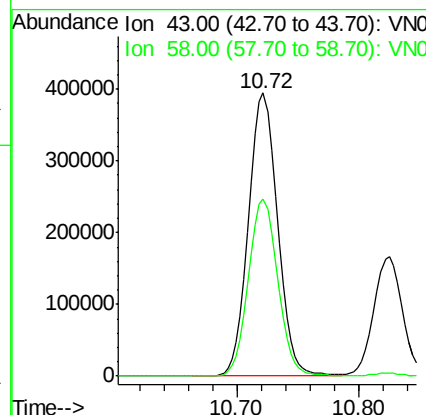
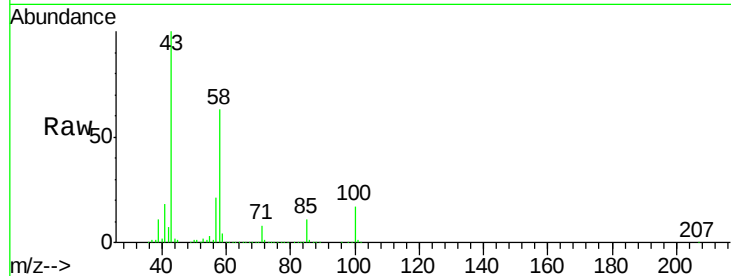




#59
2-Hexanone
Concen: 220.62 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

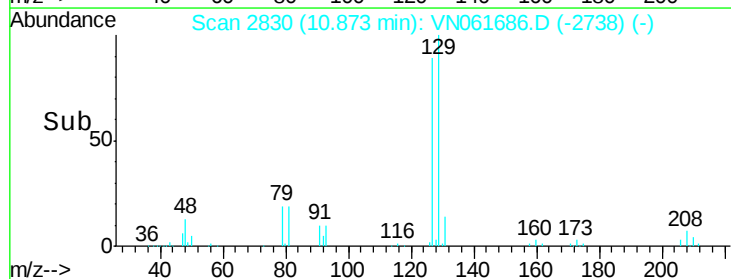
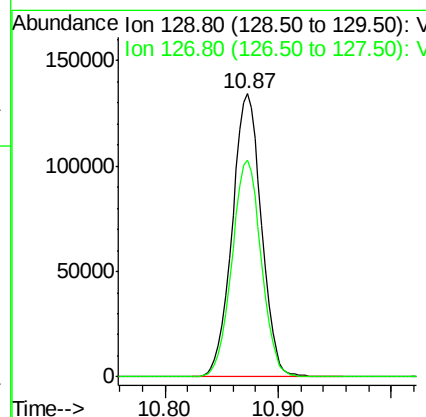
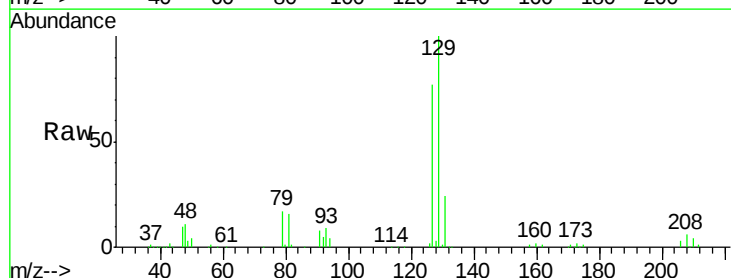
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

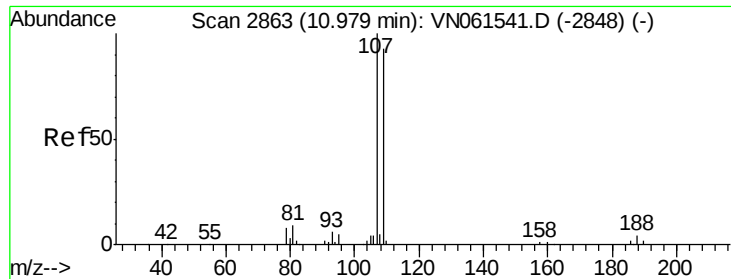
Tgt Ion: 43 Resp: 648626
Ion Ratio Lower Upper
43 100
58 63.1 30.7 92.1



#60
Dibromochloromethane
Concen: 52.73 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 129 Resp: 241110
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

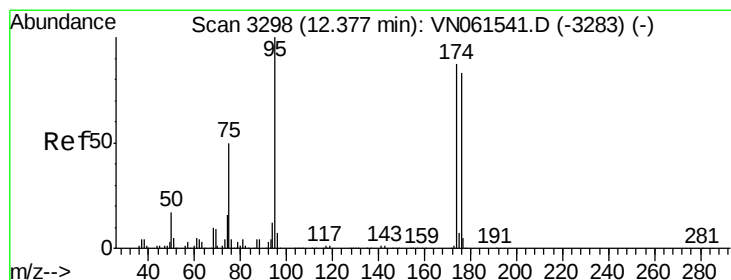
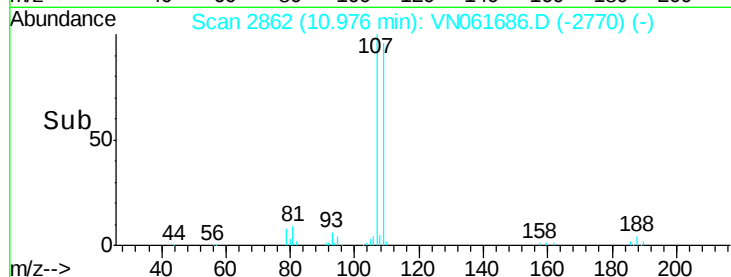
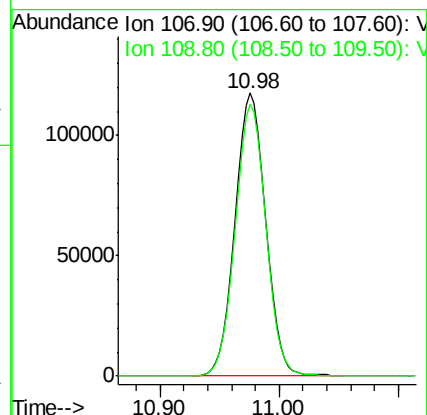
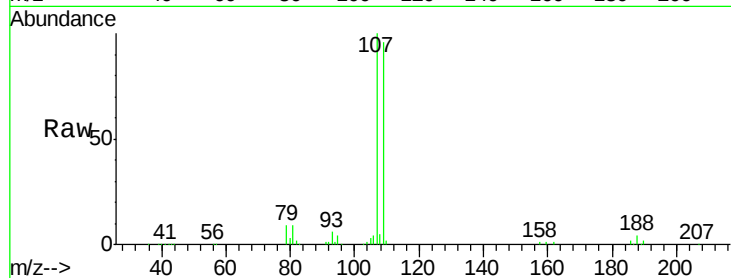




#61
 1,2-Dibromoethane
 Concen: 50.10 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

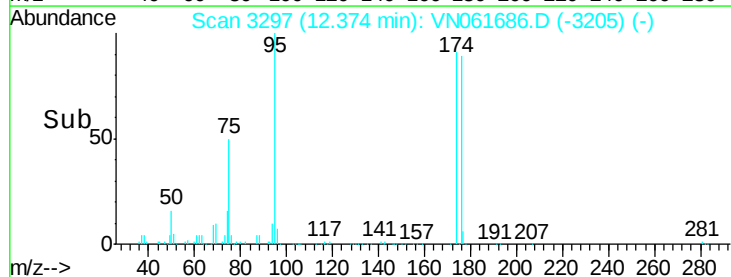
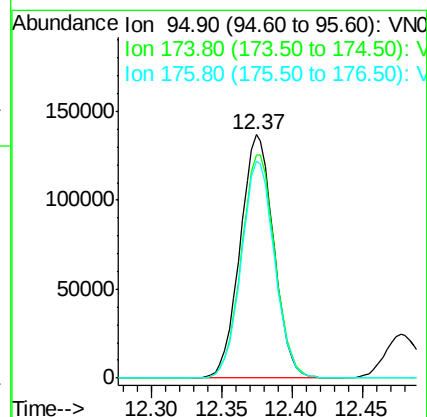
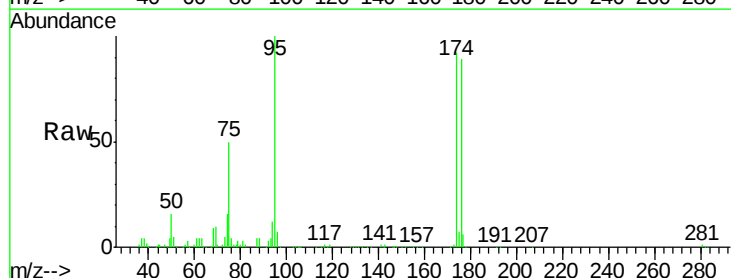
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

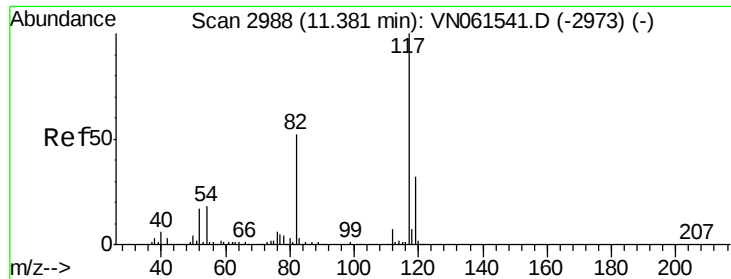
Tgt Ion: 107 Resp: 210169
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.05 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 95 Resp: 228500
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 172.8
 176 88.1 0.0 164.8

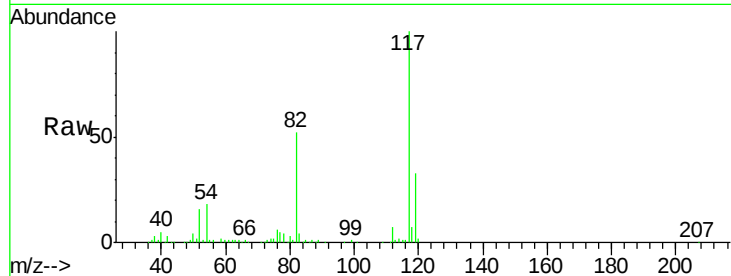




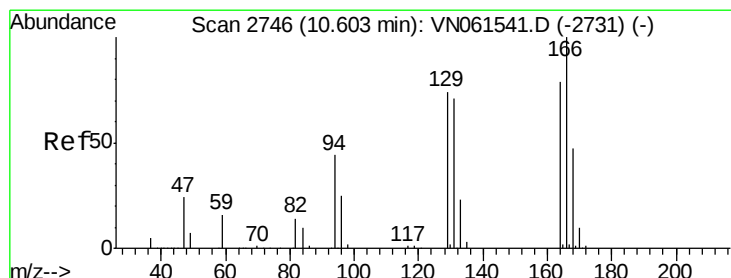
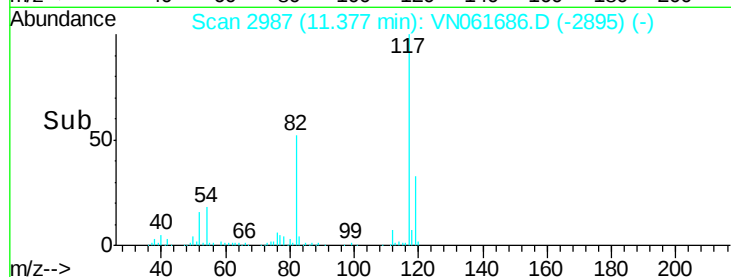
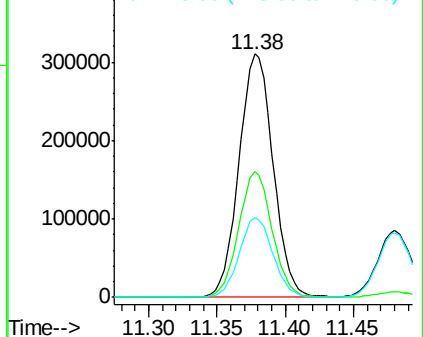
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 540369
Ion Ratio Lower Upper
117 100
82 51.8 41.5 62.3
119 32.7 25.6 38.4

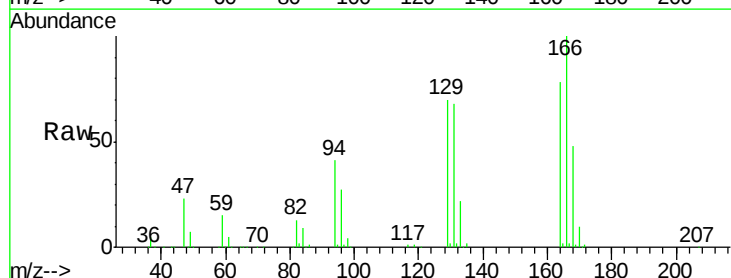


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

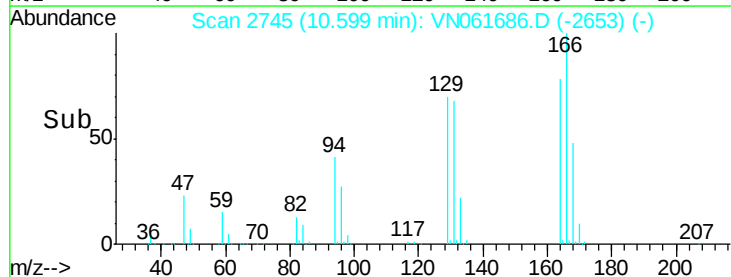
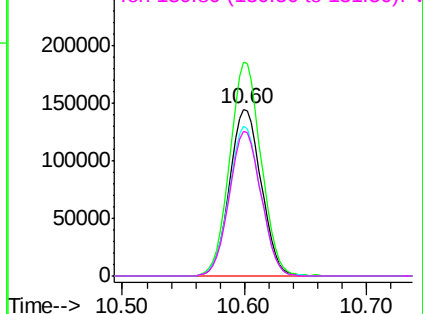


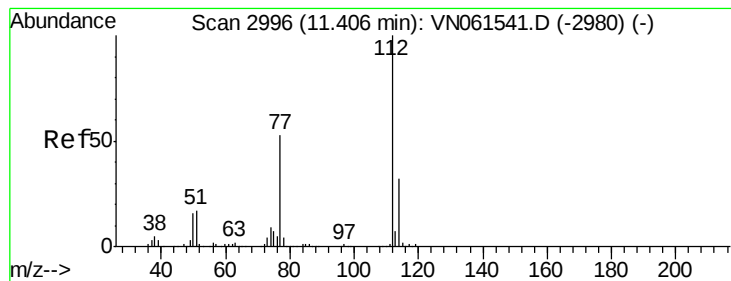
#64
Tetrachloroethene
Concen: 51.44 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion:164 Resp: 261633
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 90.1 74.9 112.3
131 86.6 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.54 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

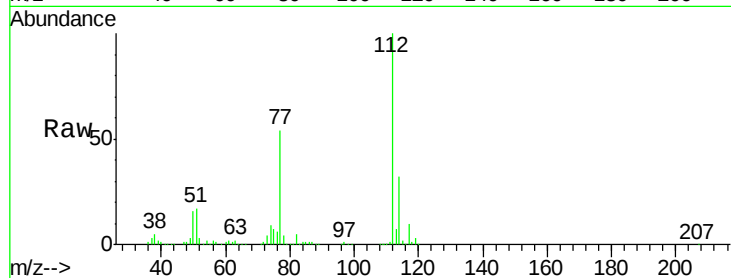
VSTDCCC050

Tgt Ion:112 Resp: 567646

Ion Ratio Lower Upper

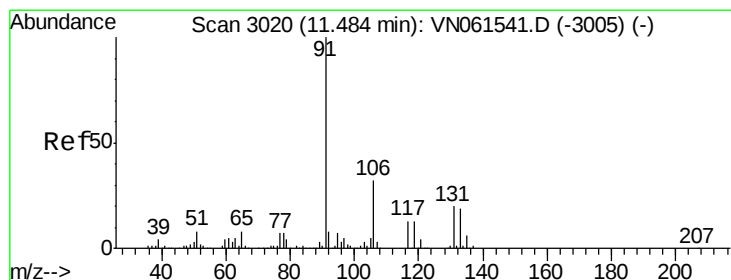
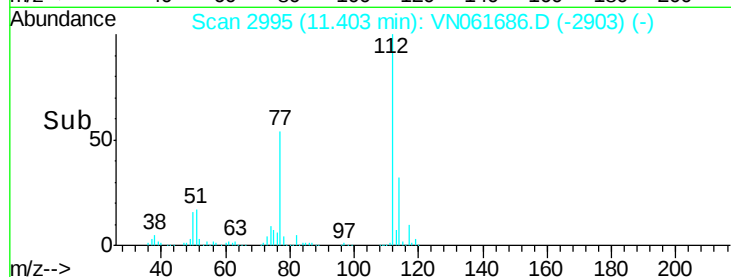
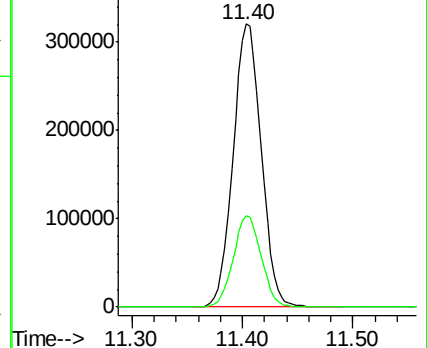
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.89 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

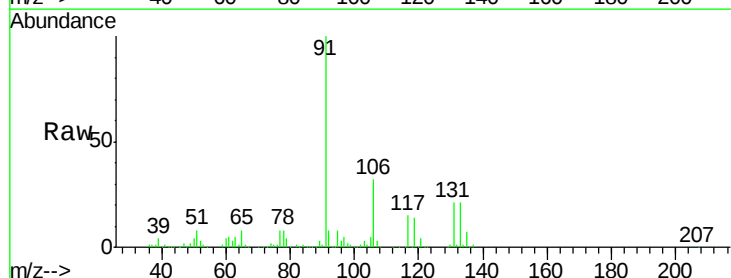
Tgt Ion:131 Resp: 217009

Ion Ratio Lower Upper

131 100

133 97.2 47.4 142.2

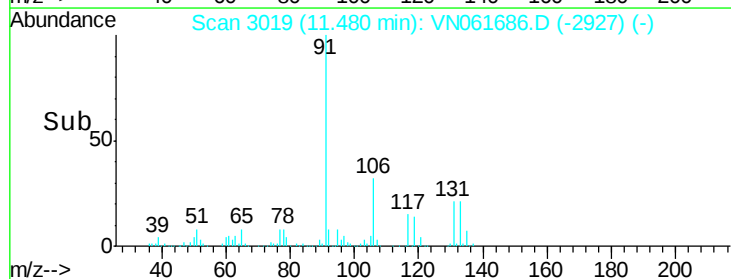
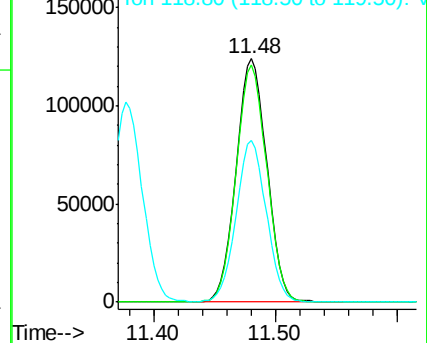
119 65.3 32.6 97.8

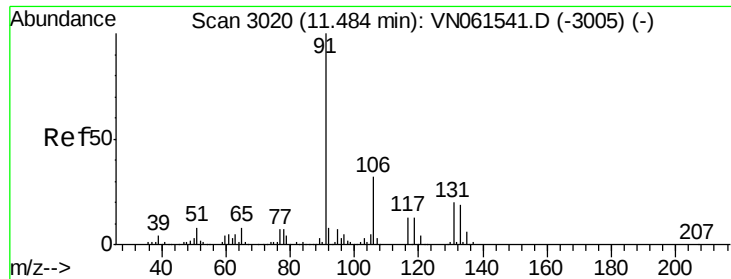


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

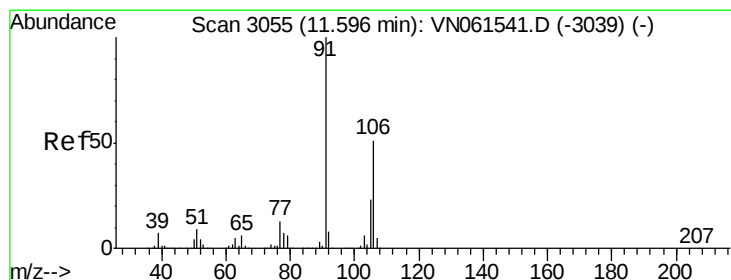
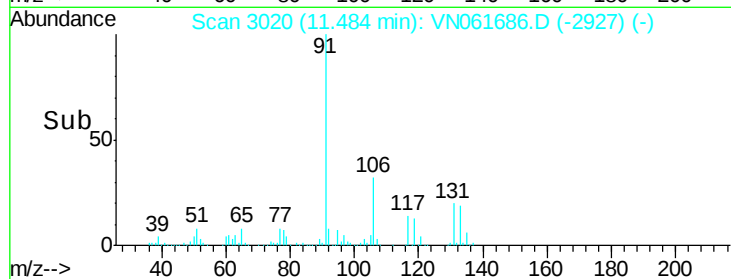
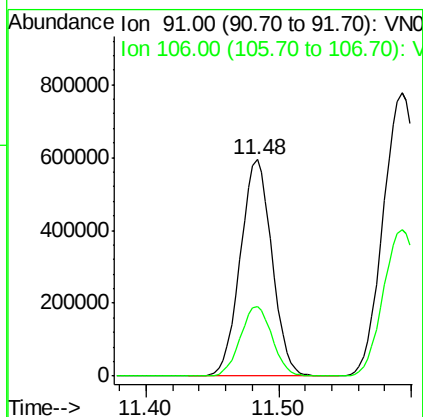
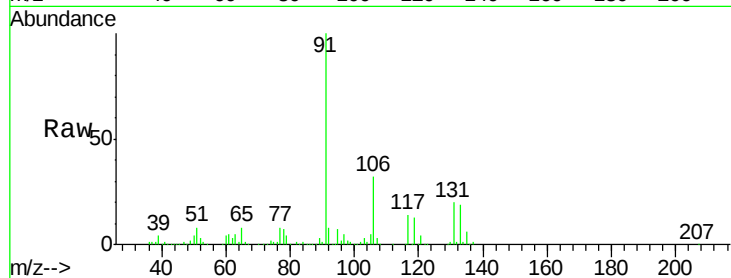




#67
Ethyl Benzene
Concen: 50.67 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

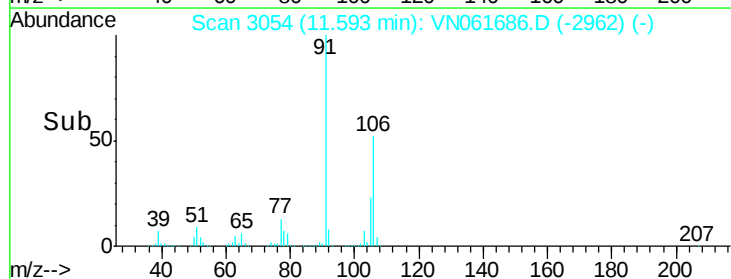
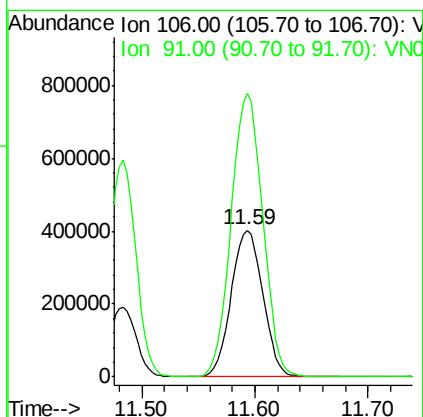
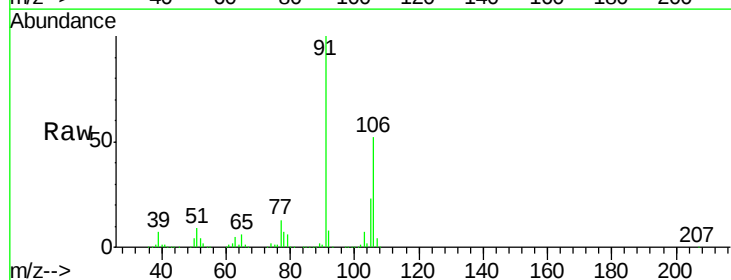
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 983731
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 101.86 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 106 Resp: 784106
Ion Ratio Lower Upper
106 100
91 193.0 156.2 234.4

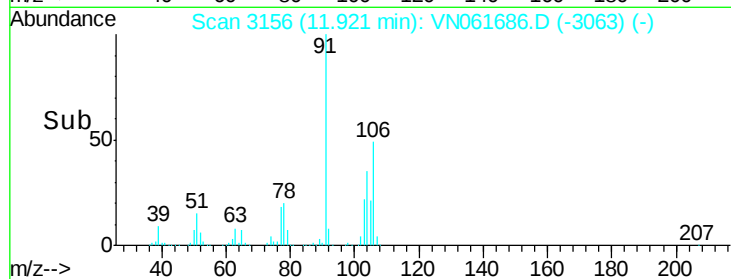
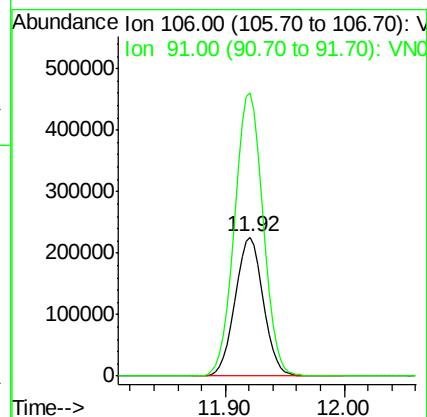
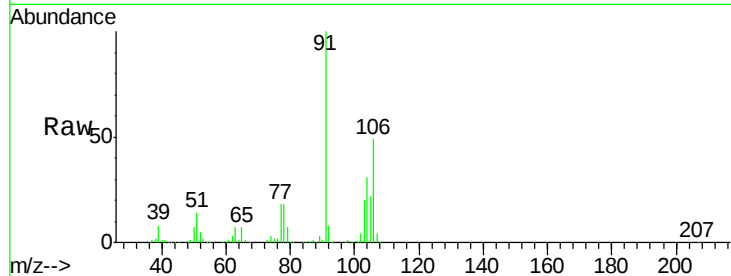




#69
o-Xylene
Concen: 50.82 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

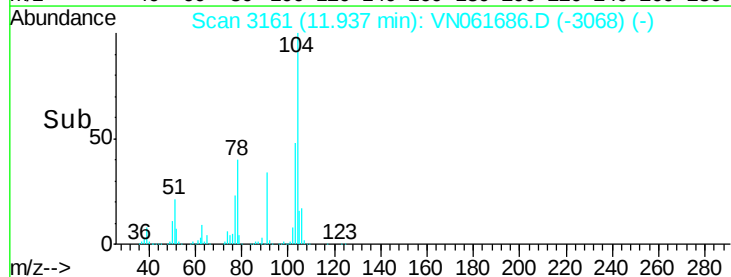
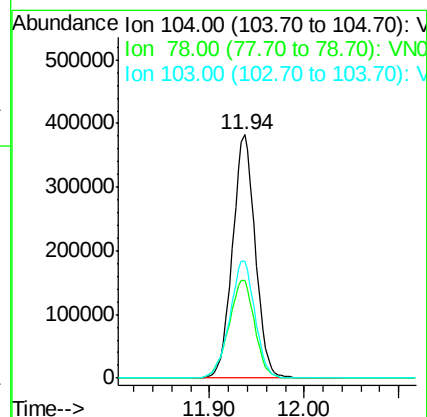
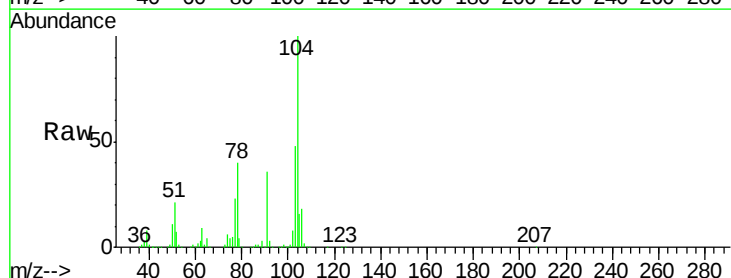
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

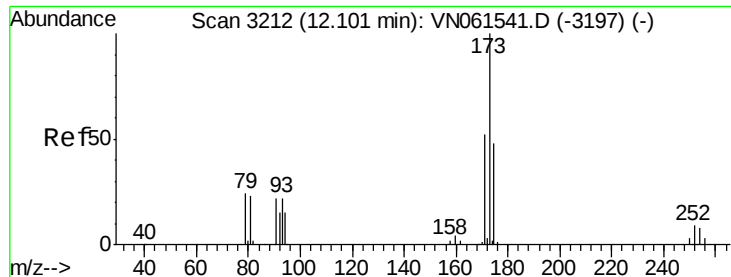
Tgt Ion:106 Resp: 371565
Ion Ratio Lower Upper
106 100
91 206.5 103.3 309.8



#70
Styrene
Concen: 52.91 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion:104 Resp: 640662
Ion Ratio Lower Upper
104 100
78 45.6 37.4 56.0
103 52.9 42.3 63.5





#71

Bromoform

Concen: 53.16 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

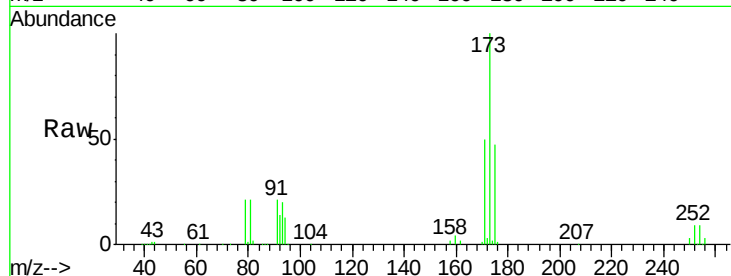
Tgt Ion:173 Resp: 171326

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.2

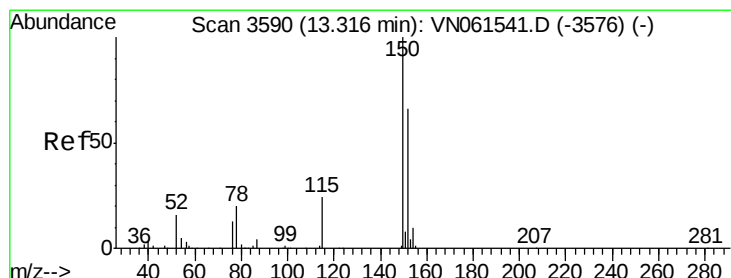
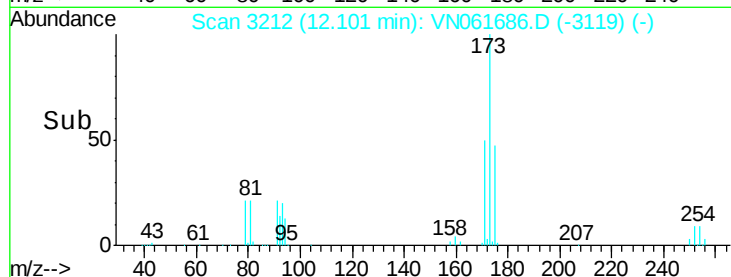
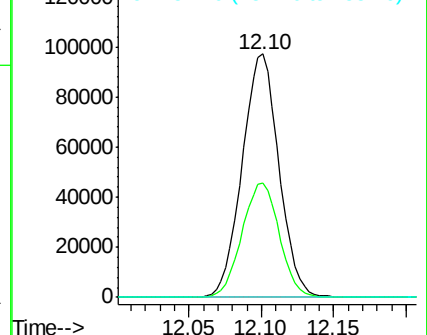
254 0.1 0.0 0.0#



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: 50.00 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

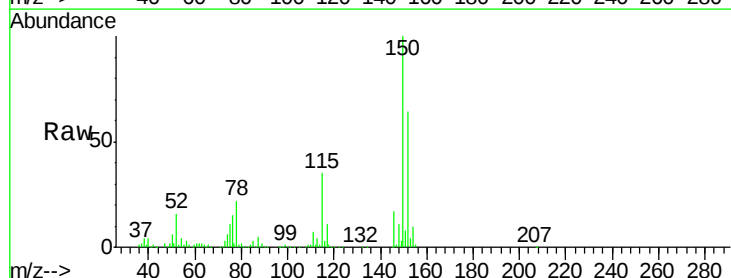
Tgt Ion:152 Resp: 280750

Ion Ratio Lower Upper

152 100

115 55.2 28.0 84.0

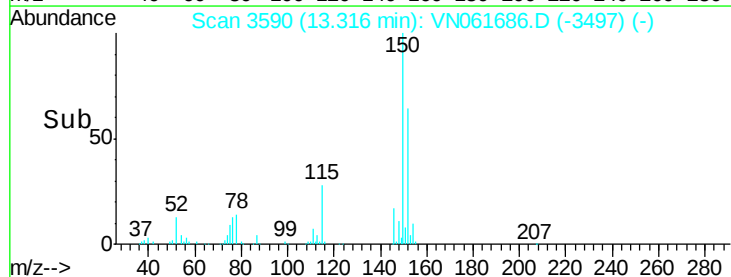
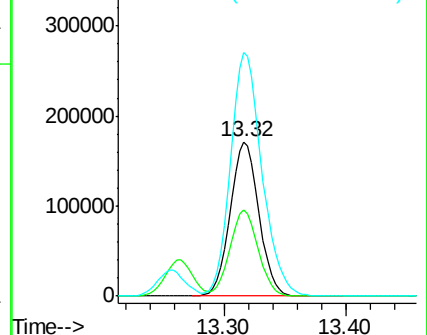
150 173.0 0.0 344.0

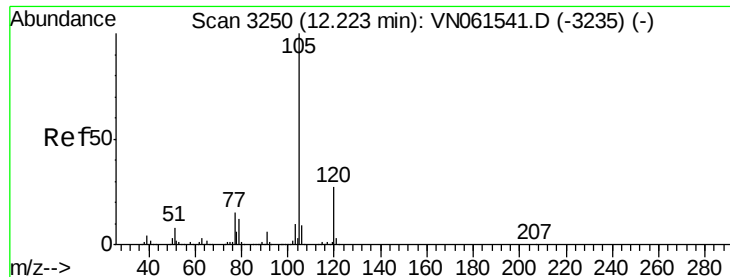


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.38 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

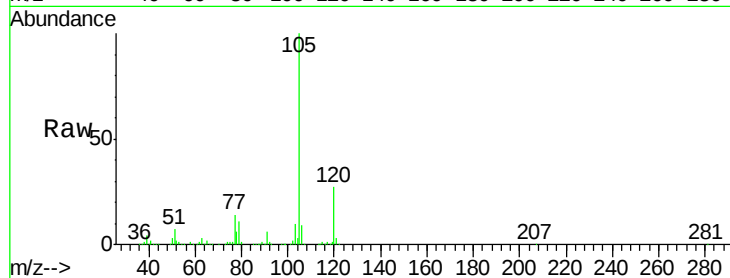
VSTDCCC050

Tgt Ion: 105 Resp: 991411

Ion Ratio Lower Upper

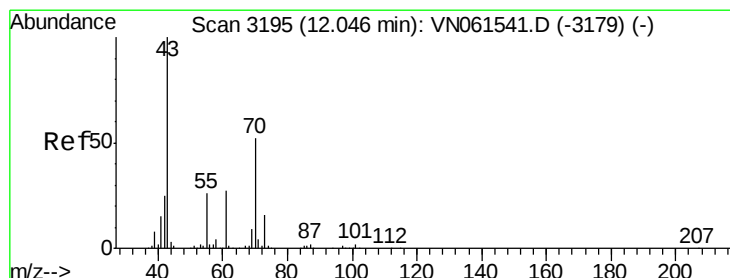
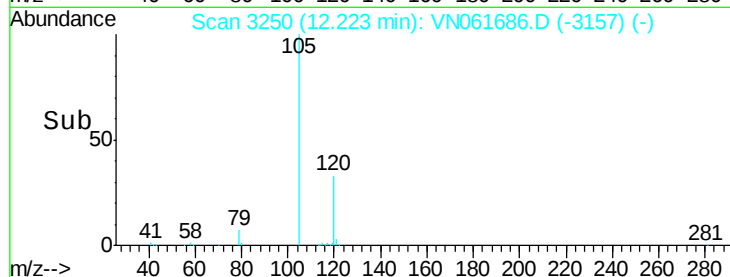
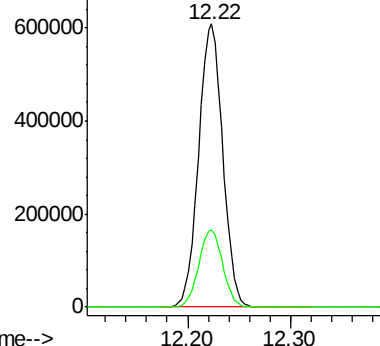
105 100

120 27.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.86 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Tgt Ion: 43 Resp: 276603

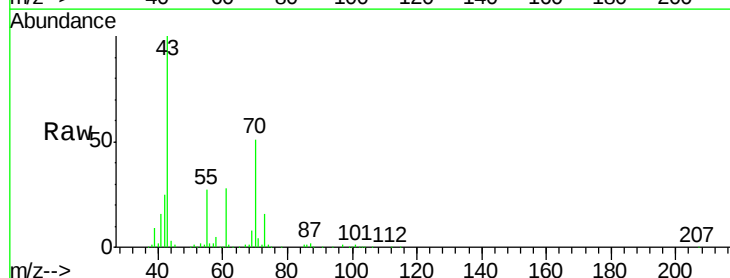
Ion Ratio Lower Upper

43 100

70 52.1 40.5 60.7

55 27.6 20.6 31.0

61 28.0 21.8 32.6

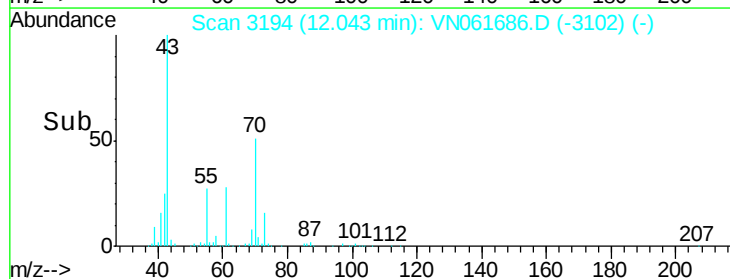
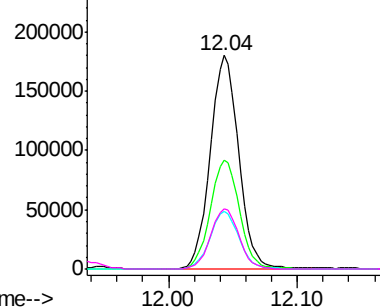


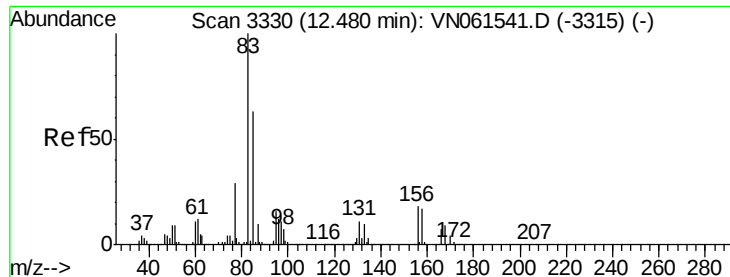
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.97 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

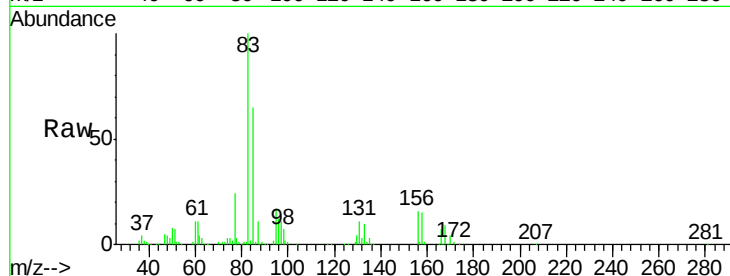
Tgt Ion: 83 Resp: 252464

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)

12.48

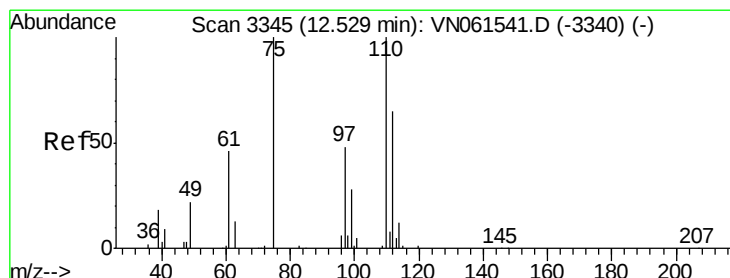
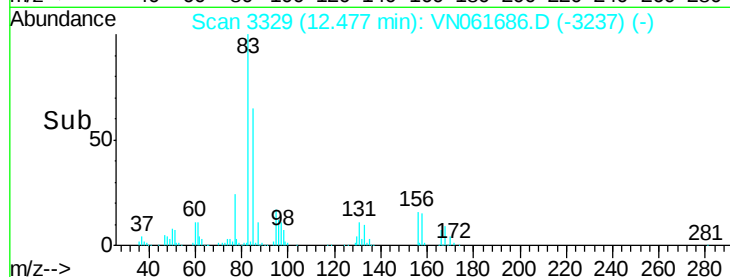
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 64.99 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061686.D

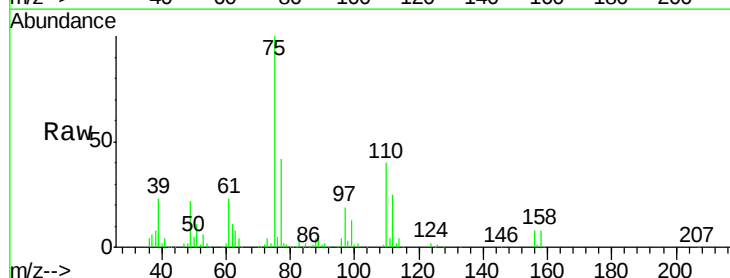
Acq: 8 Jun 2020 10:54

Tgt Ion: 75 Resp: 331791

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)

12.53

250000

200000

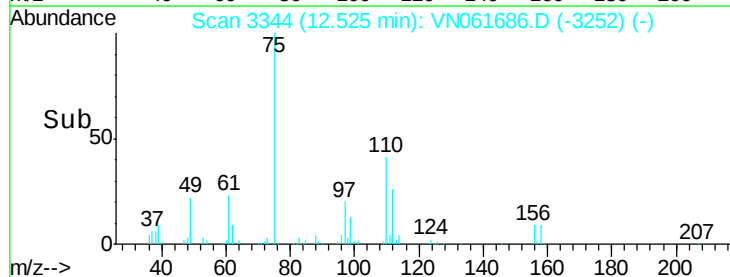
150000

100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 50.75 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

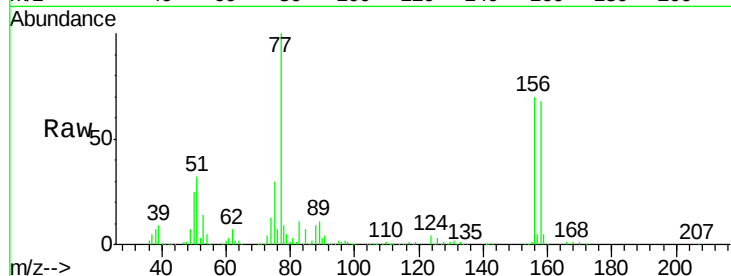
Tgt Ion:156 Resp: 265439

Ion Ratio Lower Upper

156 100

77 169.3 90.9 272.7

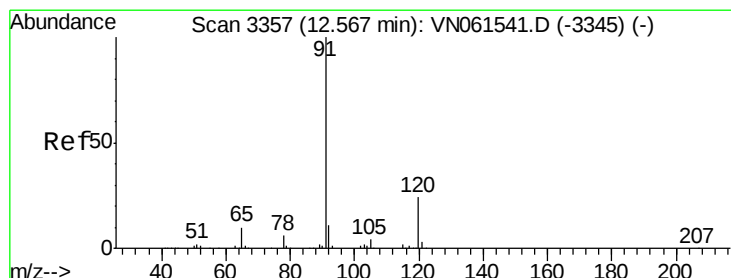
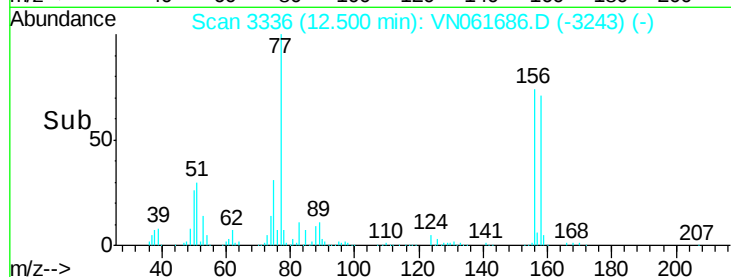
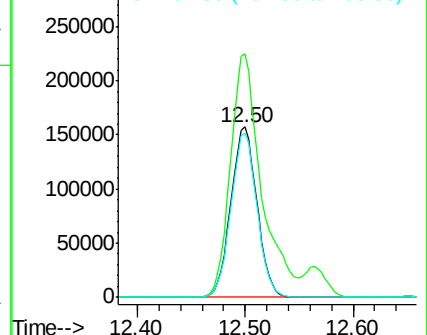
158 96.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.99 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061686.D

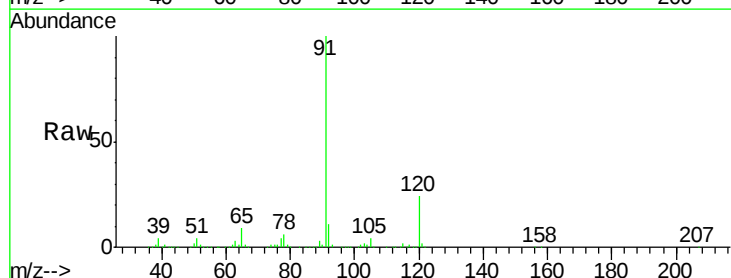
Acq: 8 Jun 2020 10:54

Tgt Ion: 91 Resp: 1120641

Ion Ratio Lower Upper

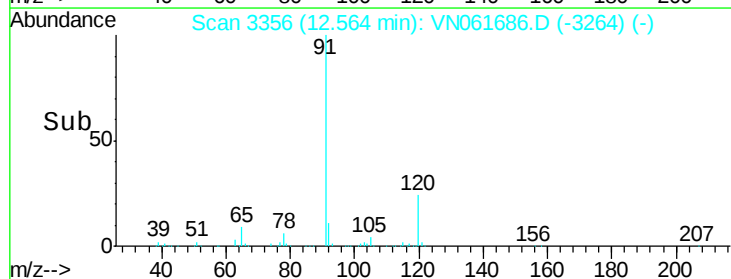
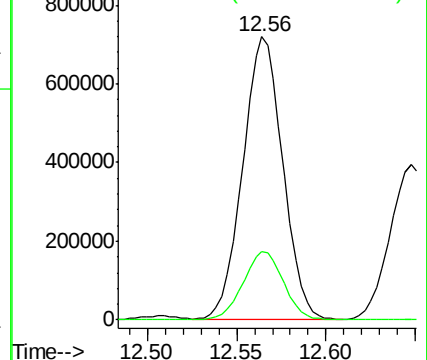
91 100

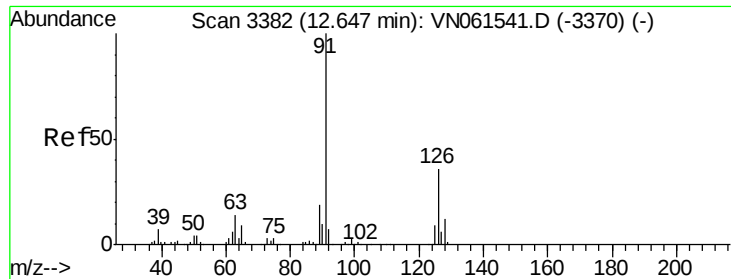
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.32 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampled :

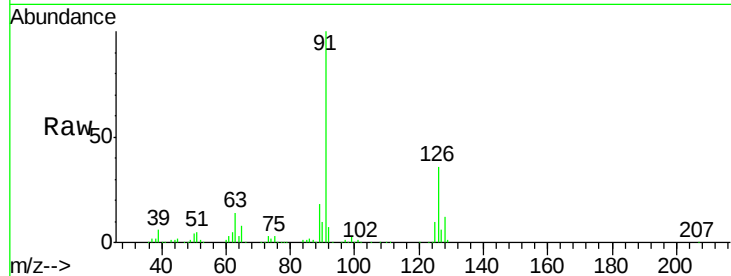
VSTDCCC050

Tgt Ion: 91 Resp: 645497

Ion Ratio Lower Upper

91 100

126 36.7 17.9 53.7

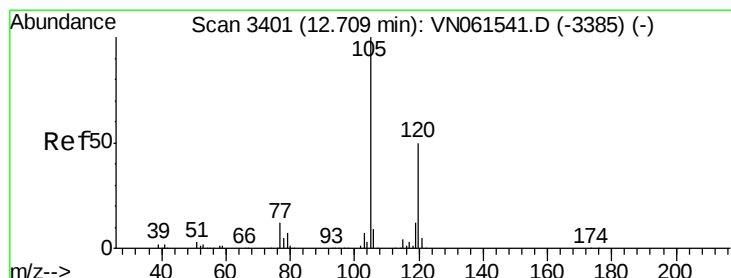
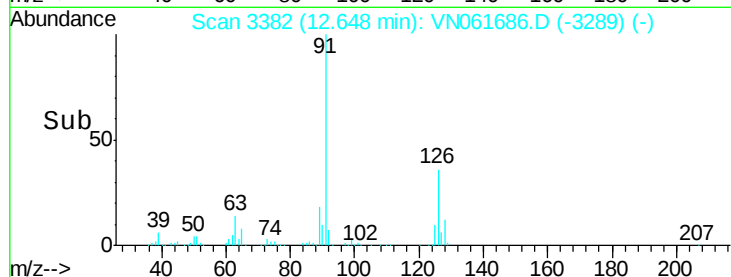


Abundance Ion 91.00 (90.70 to 91.70): VN061686.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061686.D (-3382) (-)

12.65

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.43 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061686.D

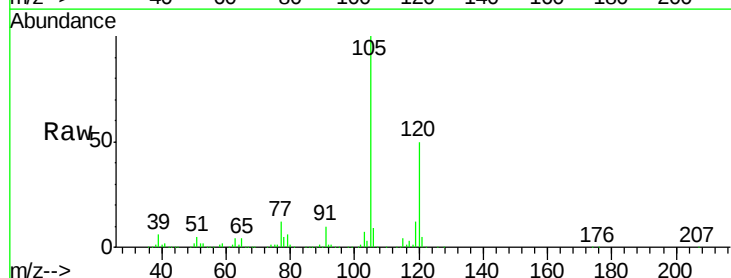
Acq: 8 Jun 2020 10:54

Tgt Ion: 105 Resp: 829383

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

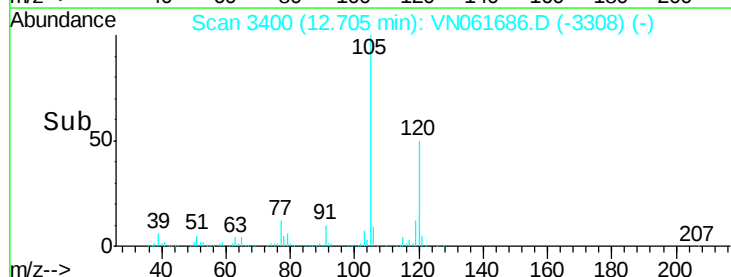


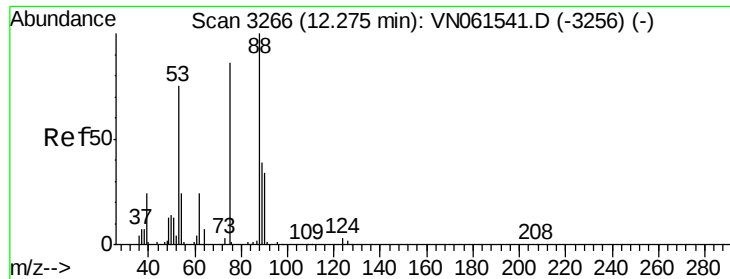
Abundance Ion 105.00 (104.70 to 105.70): VN061686.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061686.D (-3401) (-)

12.71

Time-->

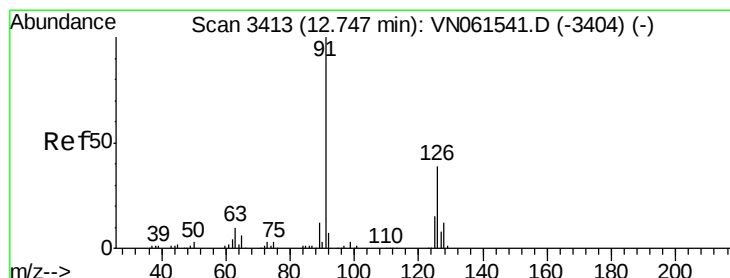
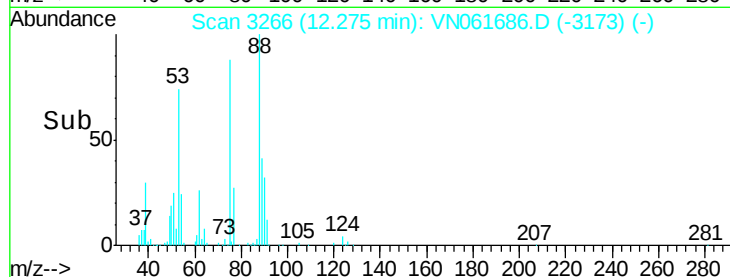
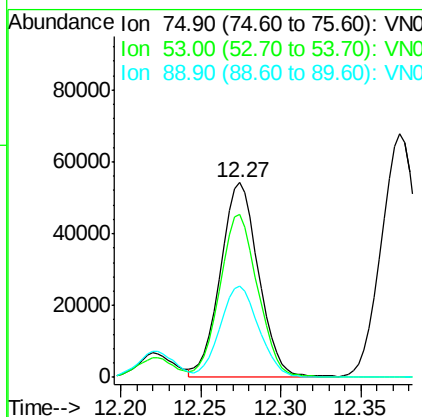
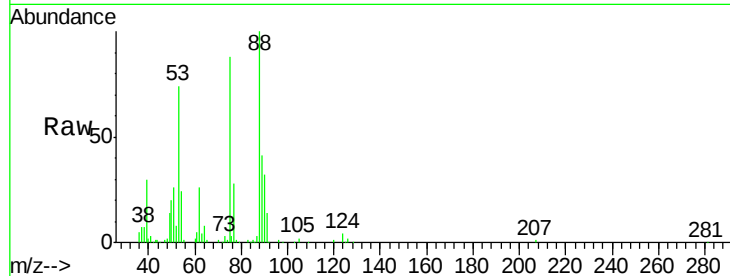




#81
trans-1,4-Dichloro-2-butene
Concen: 43.83 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

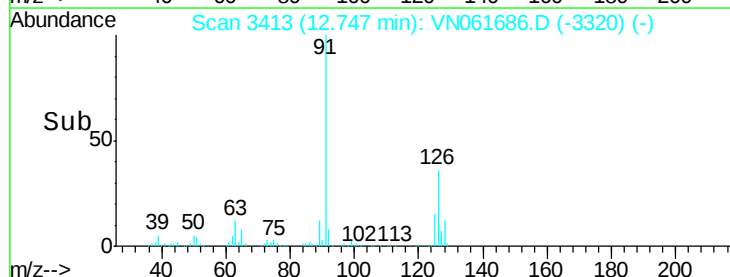
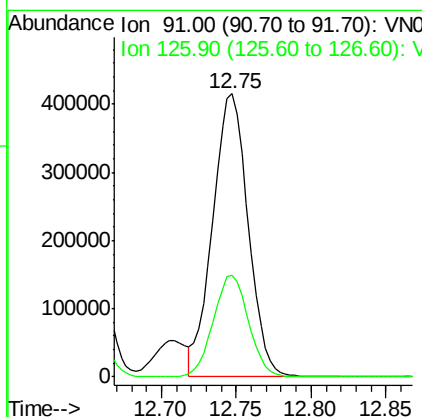
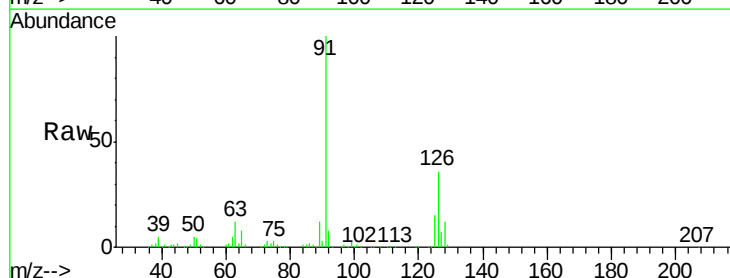
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

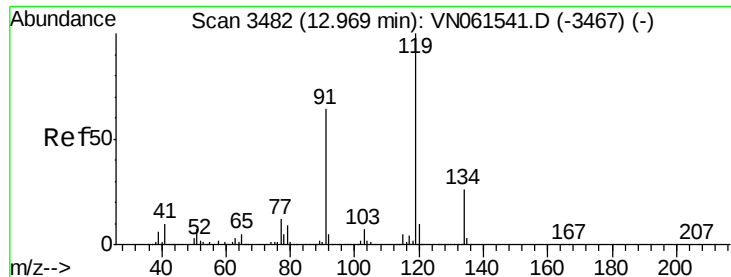
Tgt Ion: 75 Resp: 87491
Ion Ratio Lower Upper
75 100
53 84.0 67.8 101.8
89 48.4 37.1 55.7



#82
4-Chlorotoluene
Concen: 47.60 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061686.D
Acq: 8 Jun 2020 10:54

Tgt Ion: 91 Resp: 683018
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.6

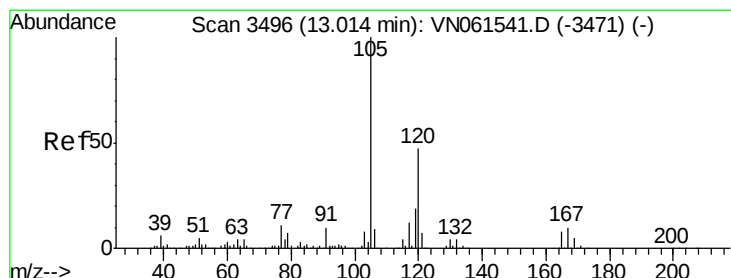
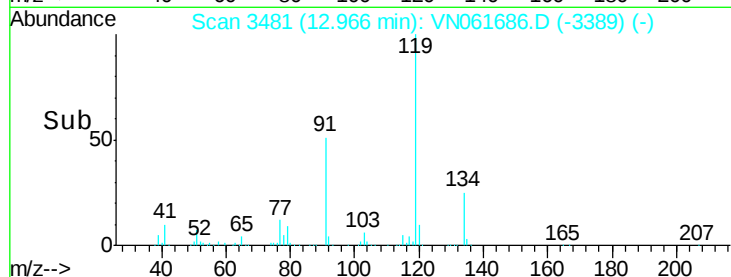
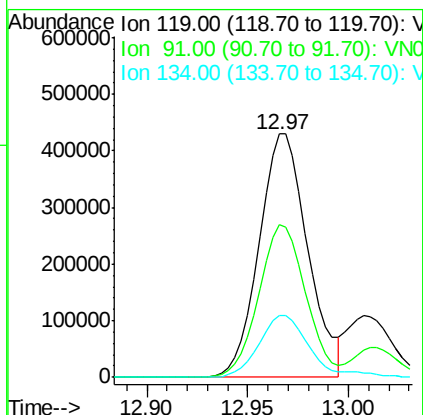
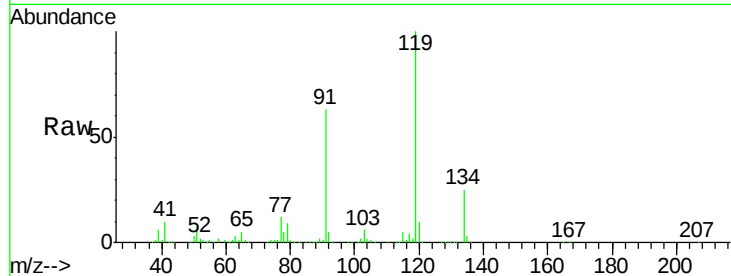




#83
 tert-Butylbenzene
 Concen: 47.72 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

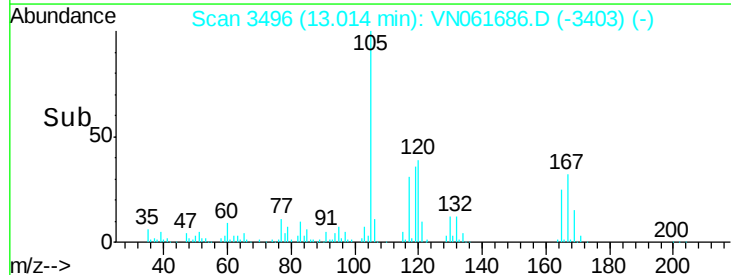
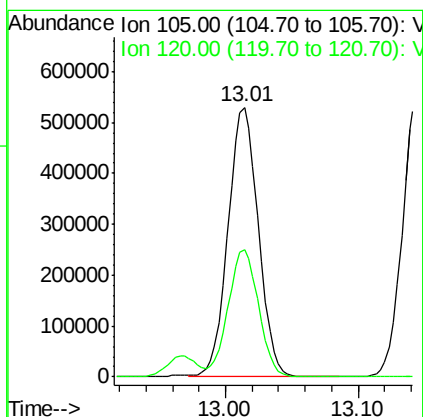
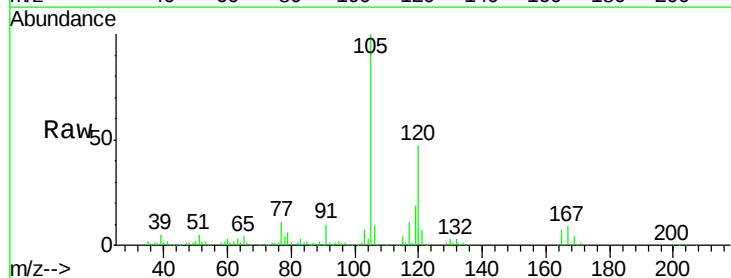
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 722082
 Ion Ratio Lower Upper
 119 100
 91 60.4 31.3 93.8
 134 26.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.31 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion:105 Resp: 838895
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.5

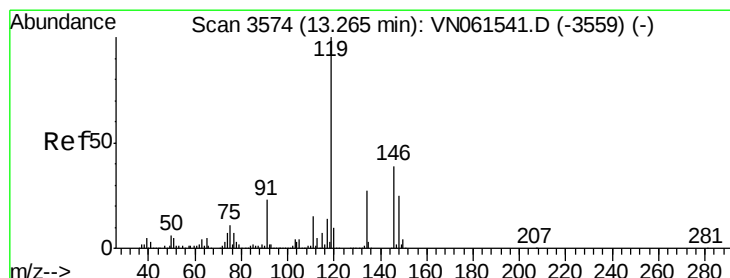
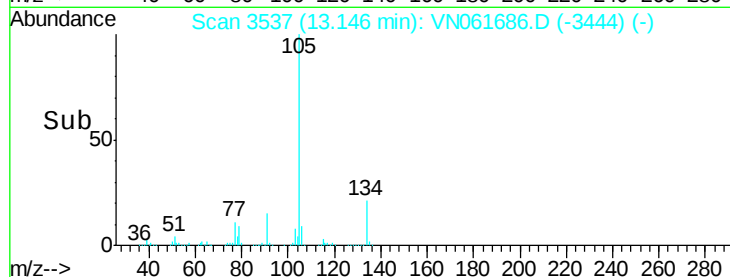
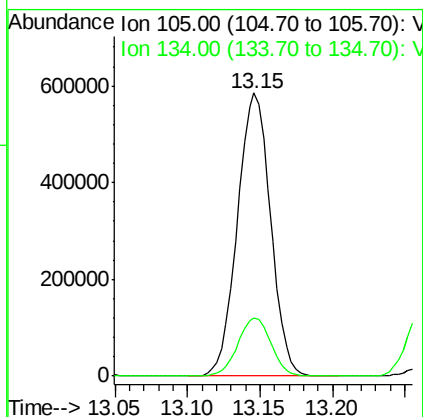
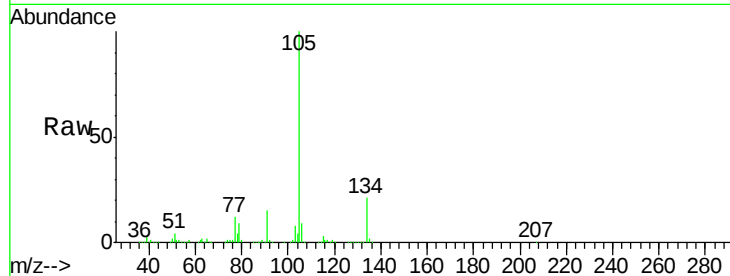




#85
 sec-Butylbenzene
 Concen: 47.60 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

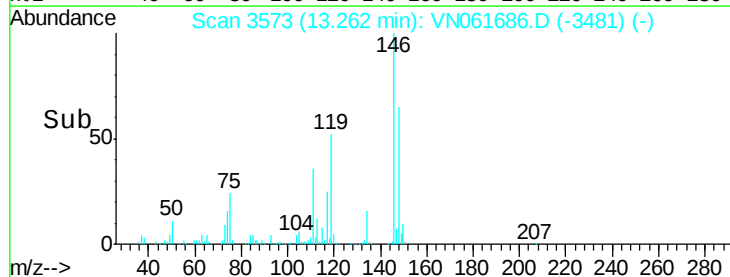
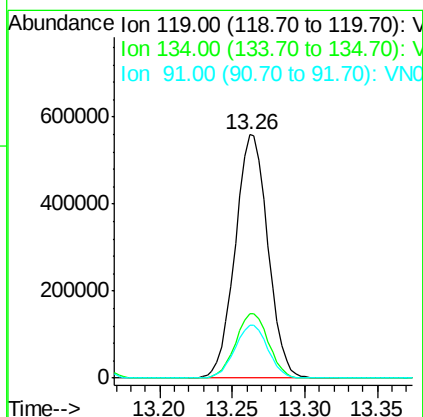
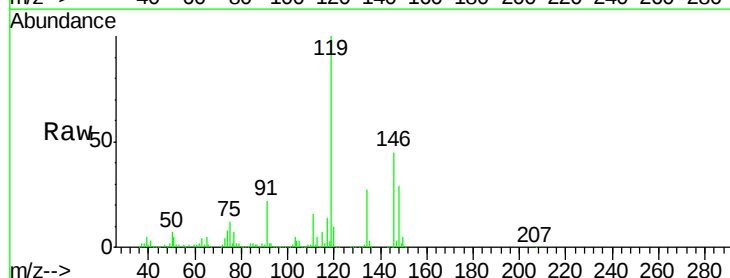
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

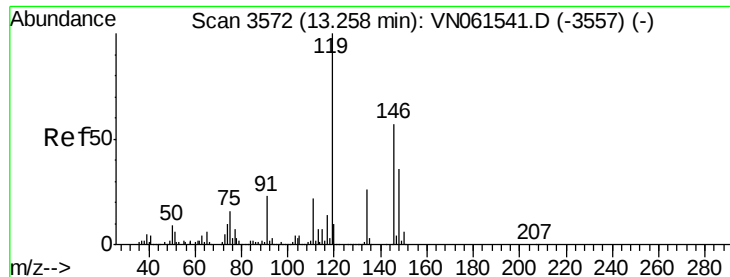
Tgt Ion:105 Resp: 928096
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 48.63 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion:119 Resp: 873241
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 21.7 11.4 34.1

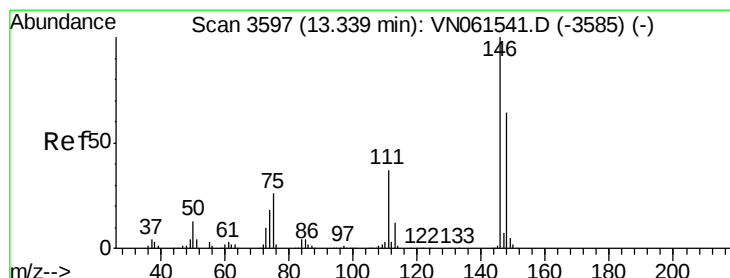
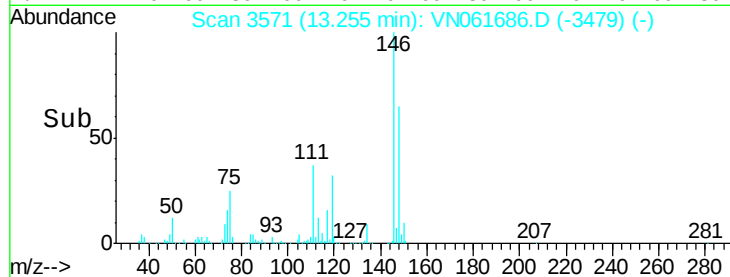
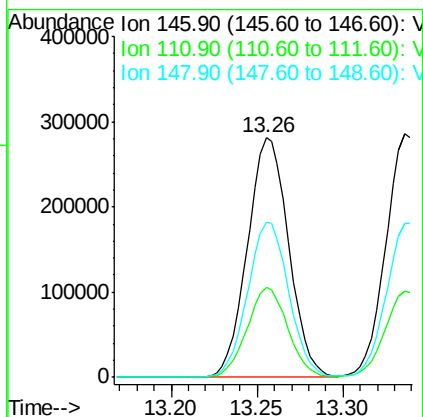
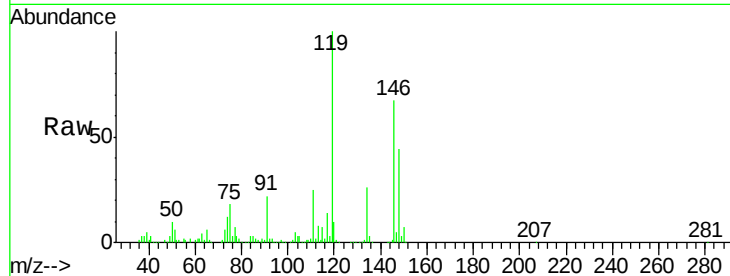




#87
 1,3-Dichlorobenzene
 Concen: 50.36 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

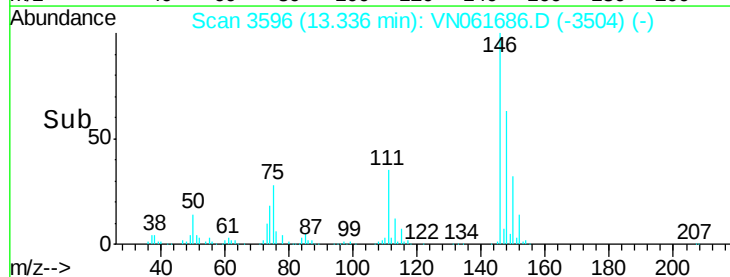
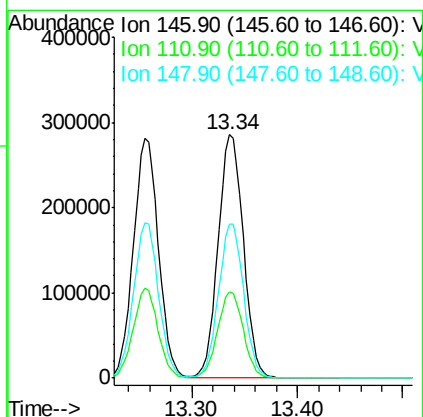
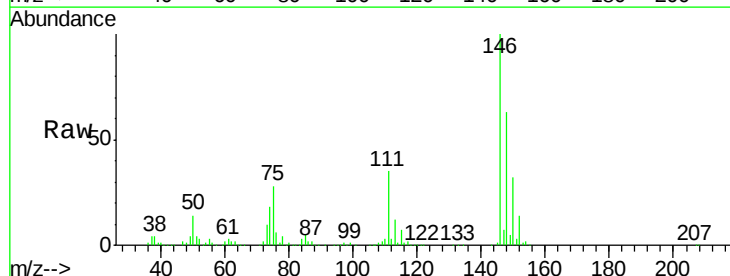
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

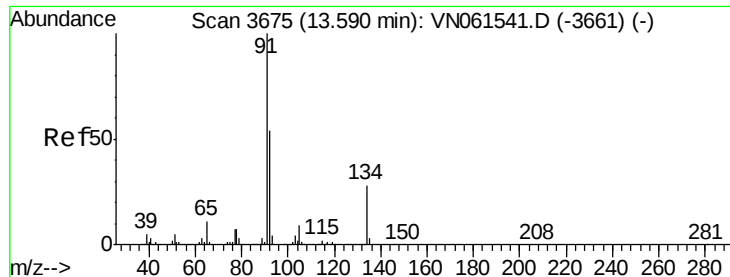
Tgt Ion:146 Resp: 466473
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.2 57.6
 148 64.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.39 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion:146 Resp: 475474
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.9 56.9
 148 63.0 31.8 95.3





#89

n-Butylbenzene

Concen: 48.13 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

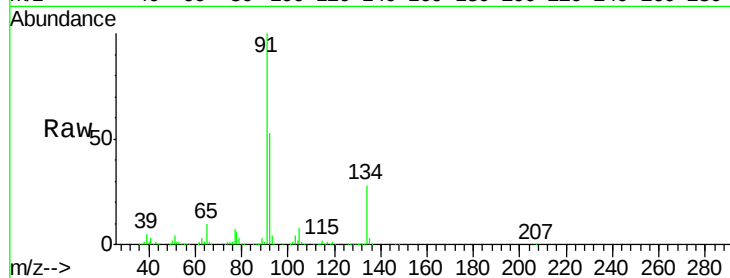
Tgt Ion: 91 Resp: 723864

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.6

134 27.8 14.0 42.0

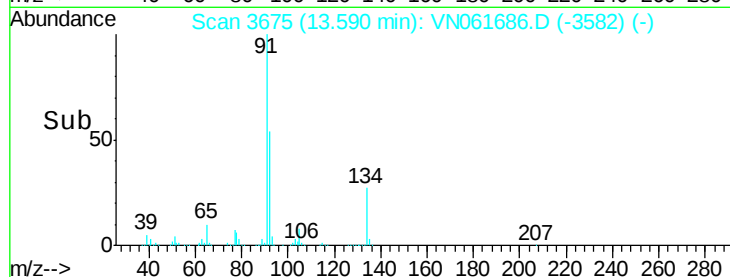


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

Time-->

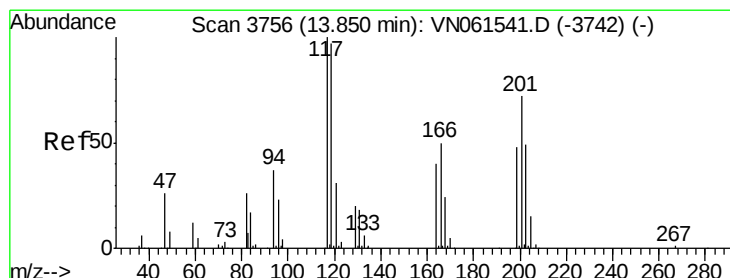


Abundance Ion 91.00 (90.70 to 91.70): VN061686.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061686.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061686.D (-3582) (-)

Time-->



#90

Hexachloroethane

Concen: 62.26 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061686.D

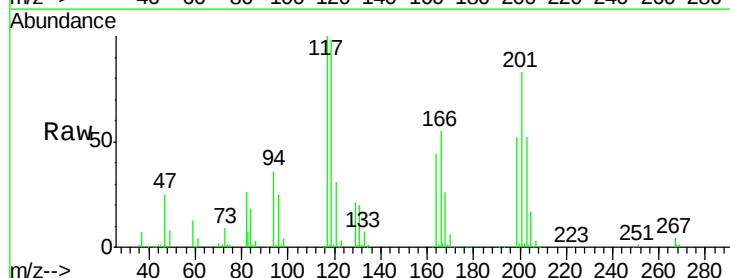
Acq: 8 Jun 2020 10:54

Tgt Ion: 117 Resp: 123642

Ion Ratio Lower Upper

117 100

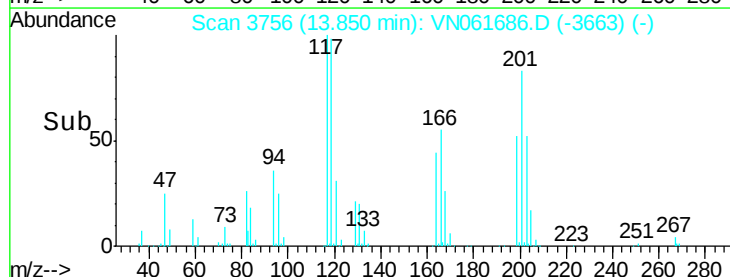
201 82.2 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN061686.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061686.D (-3663) (-)

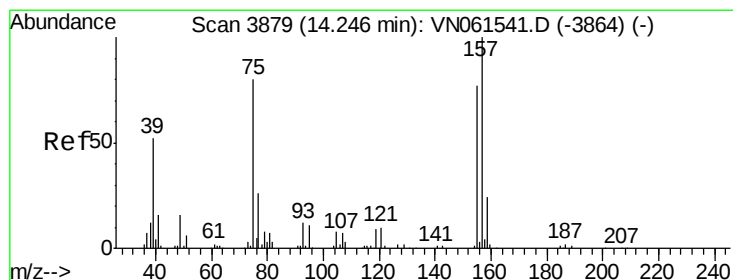
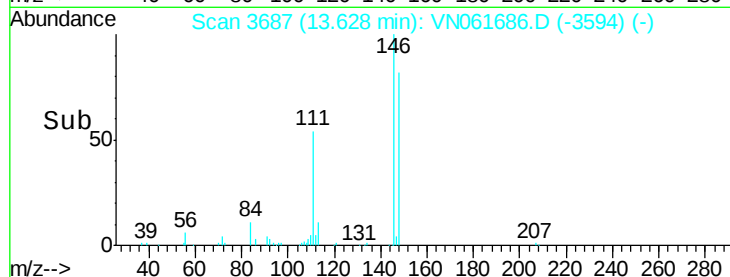
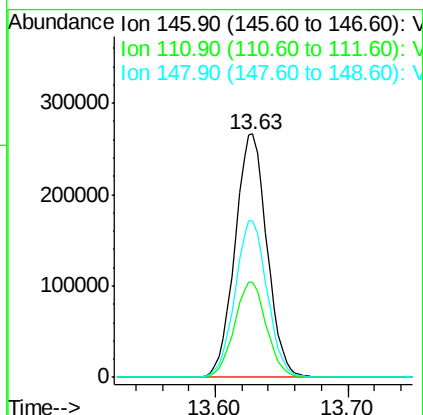
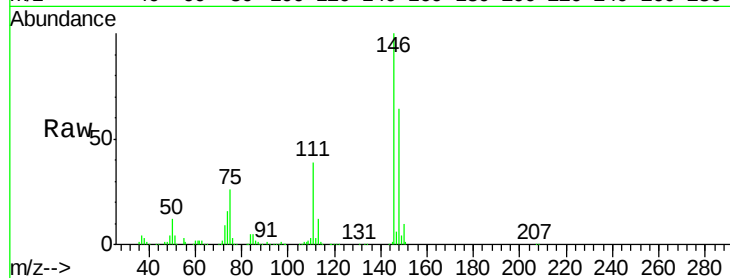
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 50.41 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

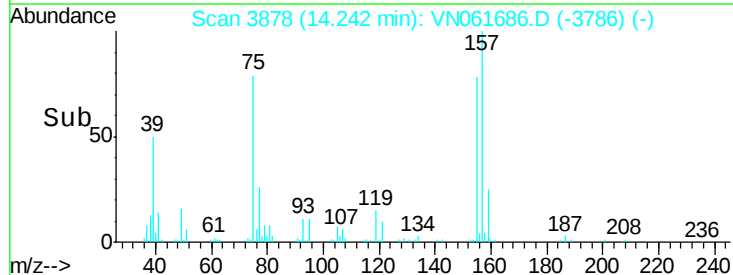
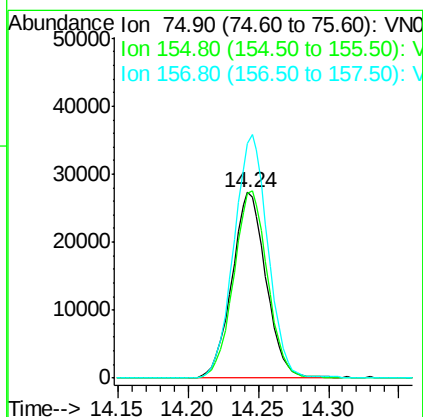
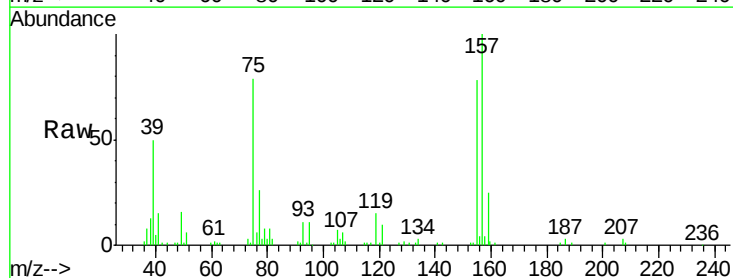
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 446168
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.1 60.2
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.38 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion: 75 Resp: 46117
 Ion Ratio Lower Upper
 75 100
 155 100.1 47.1 141.4
 157 131.2 60.3 180.8

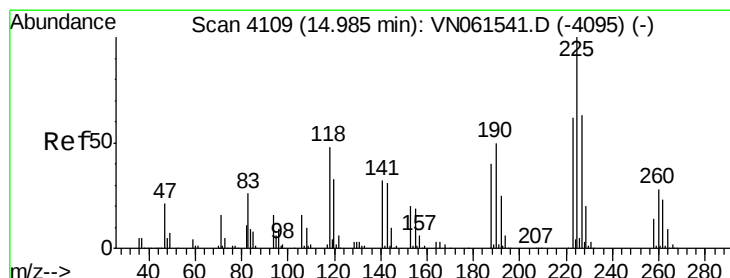
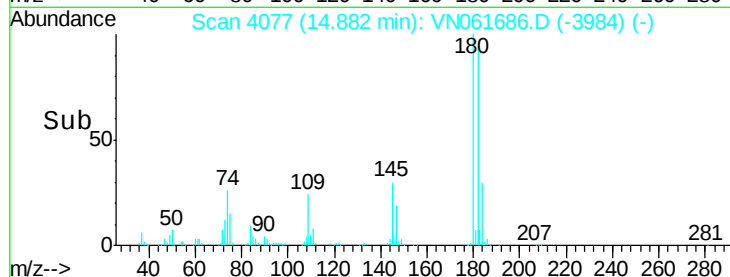
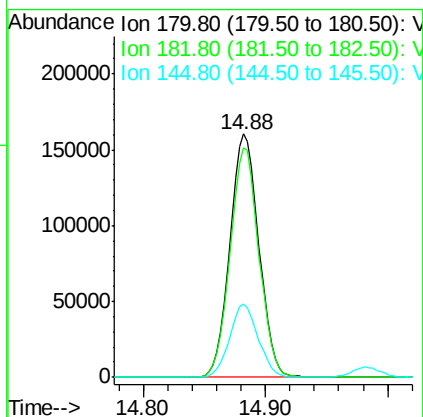
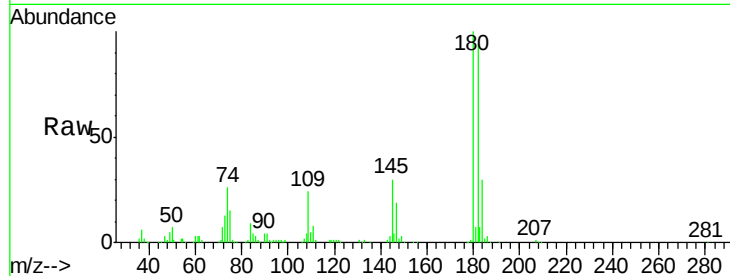




#93
 1,2,4-Trichlorobenzene
 Concen: 51.22 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

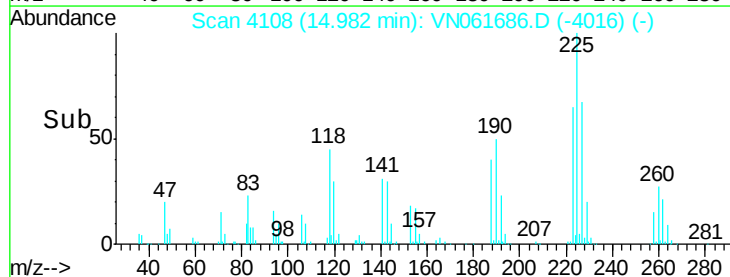
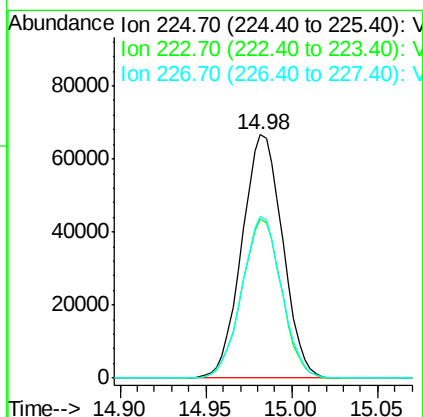
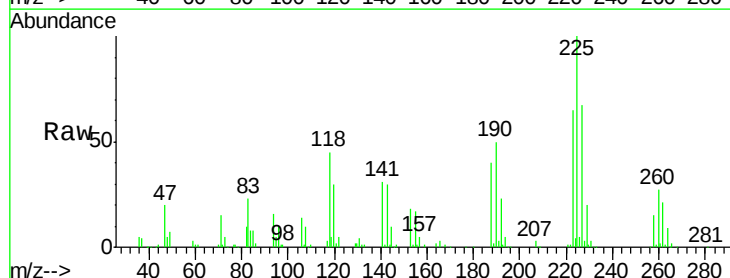
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 265159
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.3
 145 29.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 49.49 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061686.D
 Acq: 8 Jun 2020 10:54

Tgt Ion:225 Resp: 109271
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.9 95.5
 227 64.8 31.9 95.9





#95

Naphthalene

Concen: 45.50 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

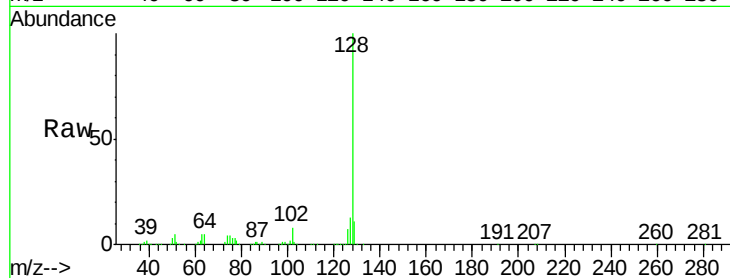
Tgt Ion:128 Resp: 716963

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

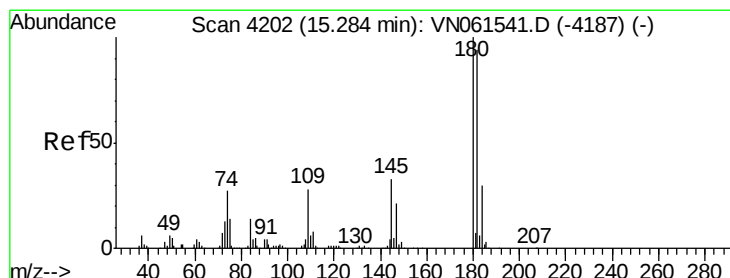
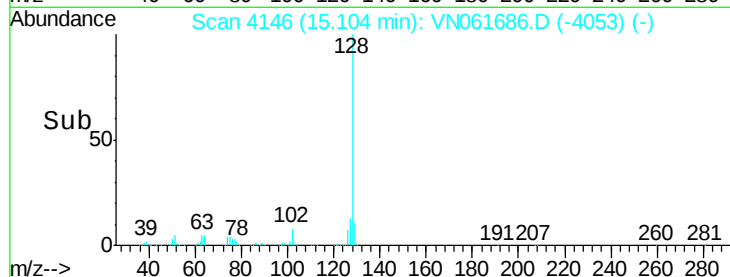
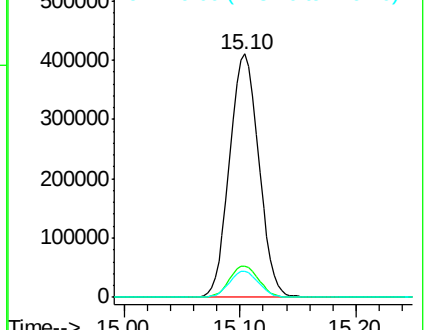
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.09 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061686.D

Acq: 8 Jun 2020 10:54

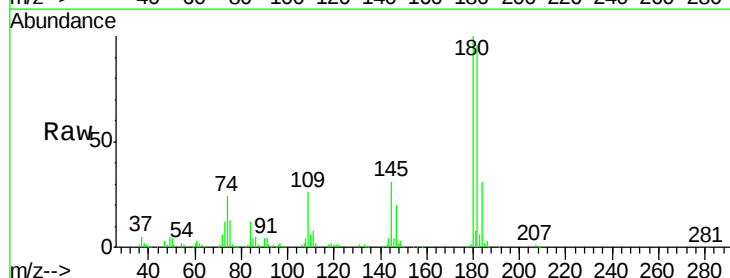
Tgt Ion:180 Resp: 254956

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 31.4 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

