

Data File : VN061218.D
Acq On : 30 Apr 2020 21:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: May 01 02:23:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	217496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	203645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	97537	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.55	113	61593	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	271203	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	101591	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	66164	49.926	ug/l	99
3) Chloromethane	2.03	50	93438	58.215	ug/l	99
4) Vinyl Chloride	2.16	62	89659	49.182	ug/l	99
5) Bromomethane	2.53	94	35242	39.108	ug/l	97
6) Chloroethane	2.67	64	50763	43.932	ug/l	96
7) Trichlorofluoromethane	2.98	101	104107	50.617	ug/l	100
8) Diethyl Ether	3.37	74	50706	59.105	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69473	52.431	ug/l	99
10) Methyl Iodide	3.91	142	80440	47.238	ug/l	96
11) Tert butyl alcohol	4.73	59	74345	280.655	ug/l	100
12) 1,1-Dichloroethene	3.69	96	69258	52.525	ug/l	100
13) Acrolein	3.56	56	46983	266.149	ug/l	96
14) Allyl chloride	4.27	41	156784	64.128	ug/l	91
15) Acrylonitrile	4.93	53	238442	293.226	ug/l	98
16) Acetone	3.77	43	202776	265.484	ug/l	97
17) Carbon Disulfide	4.01	76	174544	47.920	ug/l	100
18) Methyl Acetate	4.27	43	130043	52.068	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	262395	52.079	ug/l	97
20) Methylene Chloride	4.50	84	81446	52.820	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	74574	51.939	ug/l	99
22) Diisopropyl ether	5.90	45	320876	56.597	ug/l	96
23) Vinyl Acetate	5.84	43	1281092	280.637	ug/l	98
24) 1,1-Dichloroethane	5.80	63	160258	54.101	ug/l	99
25) 2-Butanone	6.78	43	327348	279.752	ug/l	98
26) 2,2-Dichloropropane	6.77	77	114340	45.827	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	86054	51.072	ug/l	99
28) Bromochloromethane	7.15	49	72198	51.423	ug/l	93
29) Tetrahydrofuran	7.17	42	226033	286.761	ug/l	96
30) Chloroform	7.33	83	147118	49.009	ug/l	99
31) Cyclohexane	7.61	56	143898	50.021	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	124307	47.554	ug/l	100
36) 1,1-Dichloropropene	7.75	75	113379	52.075	ug/l	99
37) Ethyl Acetate	6.88	43	137380	53.823	ug/l	99
38) Carbon Tetrachloride	7.73	117	93510	47.207	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	123874	50.733	ug/l	98
40) Benzene	8.00	78	335858	51.778	ug/l	100
41) Methacrylonitrile	7.12	41	60818	57.388	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	120754	49.140	ug/l	99
43) Isopropyl Acetate	8.13	43	227490	53.703	ug/l	99
44) Trichloroethene	8.80	130	83112	47.398	ug/l	97
45) 1,2-Dichloropropane	9.08	63	93443	53.922	ug/l	98
46) Dibromomethane	9.17	93	54218	50.530	ug/l	97
47) Bromodichloromethane	9.37	83	115429	50.120	ug/l	99
48) Methyl methacrylate	9.17	41	103542	54.167	ug/l	98
49) 1,4-Dioxane	9.17	88	23406	1078.703	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	690683	277.002	ug/l	100
52) Toluene	10.12	92	198936	50.917	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	130377	50.241	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	140195	51.101	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	78259	50.217	ug/l	99
56) Ethyl methacrylate	10.40	69	132113	48.723	ug/l	96
57) 1,3-Dichloropropane	10.68	76	144843	52.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	350165	277.591	ug/l	97
59) 2-Hexanone	10.72	43	501618	276.524	ug/l	99
60) Dibromochloromethane	10.87	129	81402	49.873	ug/l	98
61) 1,2-Dibromoethane	10.98	107	78011	49.944	ug/l	98
64) Tetrachloroethene	10.60	164	81089	45.974	ug/l	97
65) Chlorobenzene	11.41	112	202275	50.072	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73215	50.639	ug/l	99
67) Ethyl Benzene	11.48	91	384923	50.901	ug/l	100
68) m/p-Xylenes	11.60	106	279536	100.989	ug/l	97
69) o-Xylene	11.92	106	134412	50.553	ug/l	98
70) Styrene	11.94	104	230552	51.809	ug/l	99
71) Bromoform	12.10	173	54803	51.574	ug/l #	100
73) Isopropylbenzene	12.22	105	367105	51.365	ug/l	99
74) N-amyl acetate	12.04	43	197114	54.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	114326	51.301	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	157517	76.852	ug/l #	100
77) Bromobenzene	12.50	156	83114	50.377	ug/l	97
78) n-propylbenzene	12.56	91	436039	51.437	ug/l	100
79) 2-Chlorotoluene	12.65	91	255034	51.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	308161	52.096	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	40585	50.285	ug/l	99
82) 4-Chlorotoluene	12.75	91	269315	51.283	ug/l	98
83) tert-Butylbenzene	12.97	119	255551	51.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	309288	50.750	ug/l	99
85) sec-Butylbenzene	13.15	105	353442	51.975	ug/l	99
86) p-Isopropyltoluene	13.26	119	314271	51.294	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	149993	49.385	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	152129	49.022	ug/l	99
89) n-Butylbenzene	13.59	91	290915	51.794	ug/l	100
90) Hexachloroethane	13.85	117	34372	53.207	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	144614	49.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23595	50.131	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN043020\
Quantitation Report (Not Reviewed)

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Sample : VSTDCCC050
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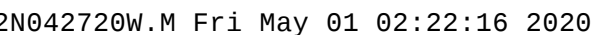
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

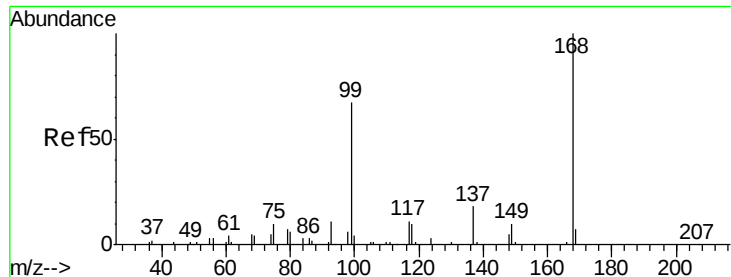
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Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88997	50.185	ug/l	100
94) Hexachlorobutadiene	14.98	225	37765	50.975	ug/l	99
95) Naphthalene	15.10	128	283328	49.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88296	50.430	ug/l	99

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

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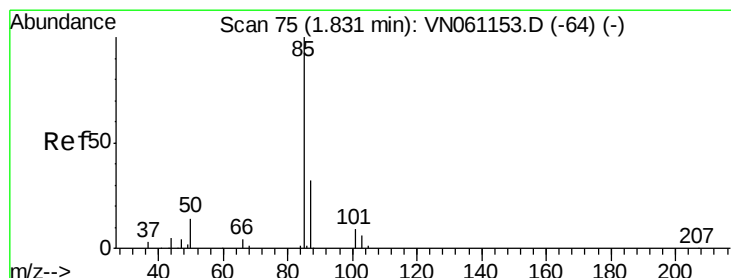
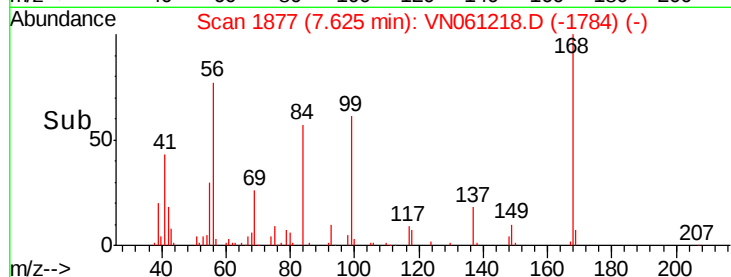
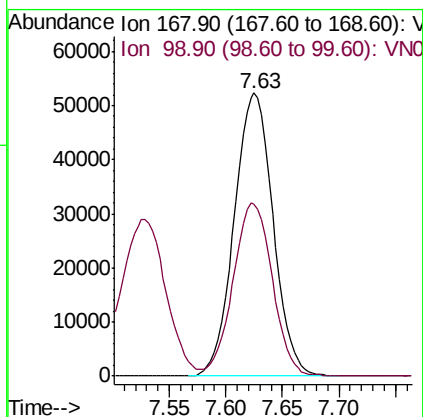
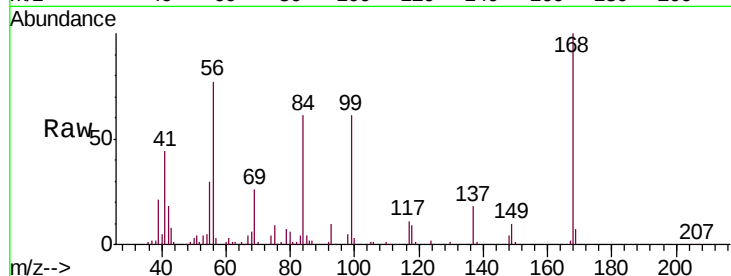


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
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 ClientSampleId :
 VSTDCCC050EC

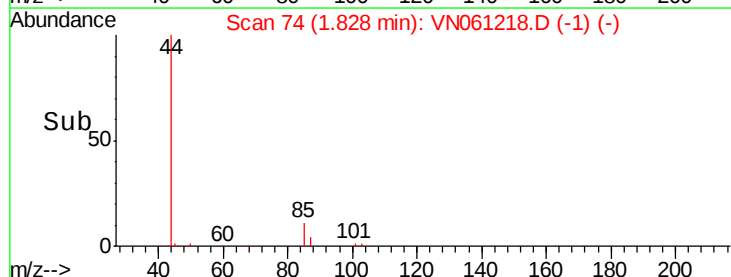
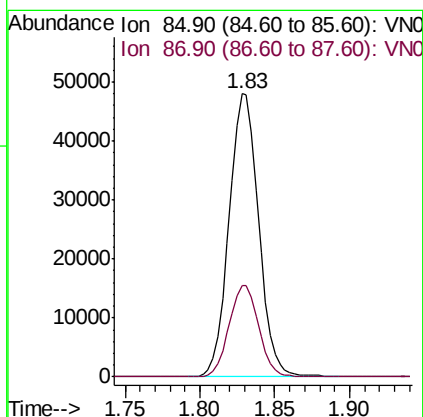
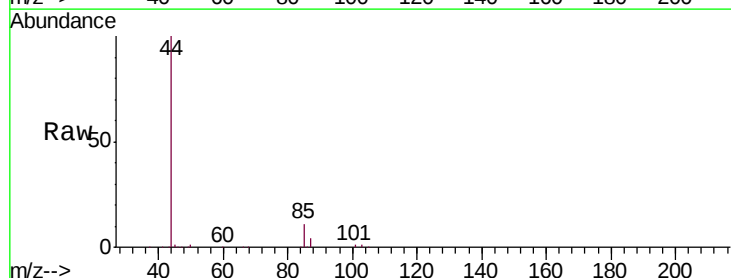
Tgt Ion: 168 Resp: 124974
 Ion Ratio Lower Upper
 168 100
 99 61.0 51.2 76.8

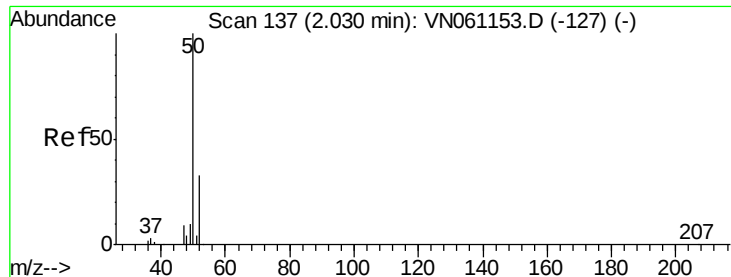


#2

Dichlorodifluoromethane
 Concen: 49.926 ug/l
 RT: 1.83 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 85 Resp: 66164
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.1 48.2





#3

Chloromethane

Concen: 58.215 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

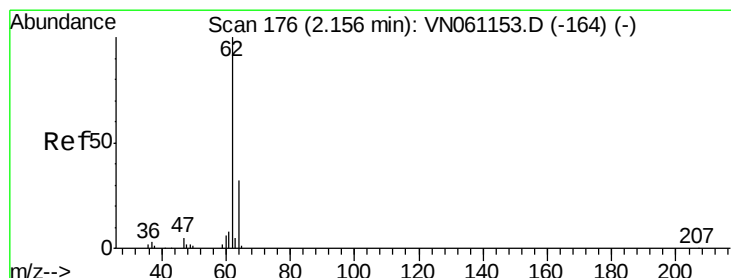
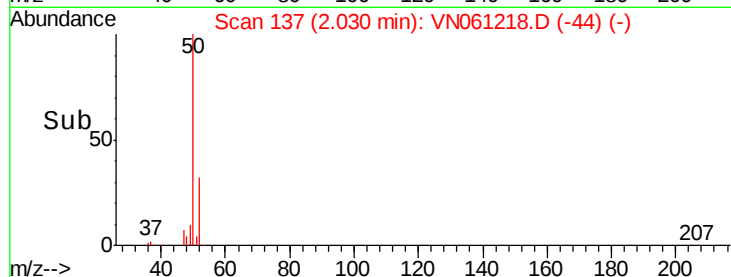
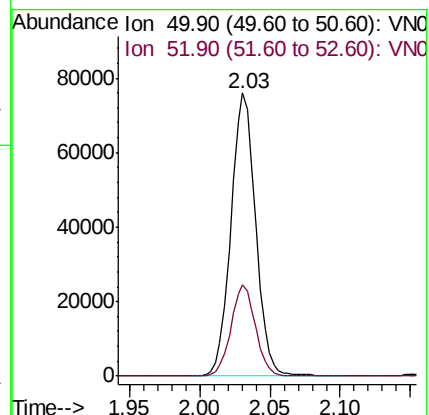
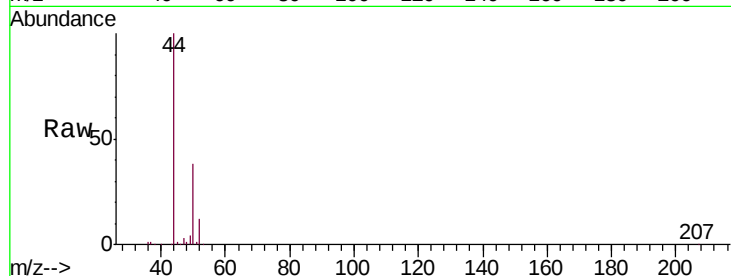
VSTDCCC050EC

Tgt Ion: 50 Resp: 93438

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 49.182 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061218.D

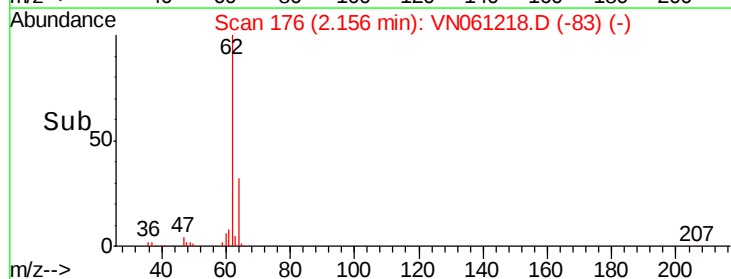
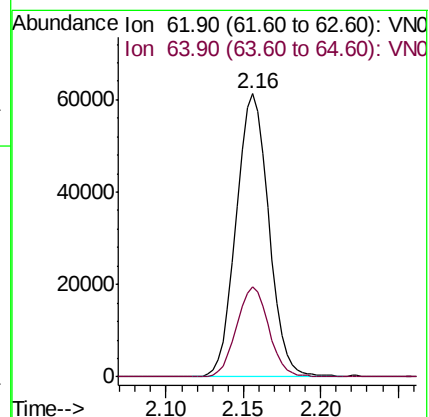
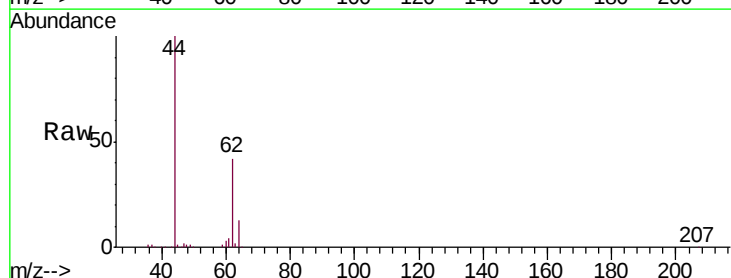
Acq: 30 Apr 2020 21:44

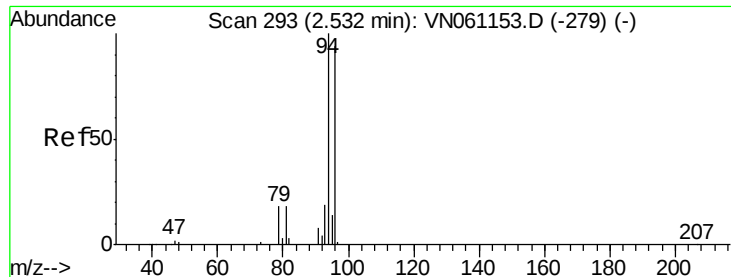
Tgt Ion: 62 Resp: 89659

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 39.108 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

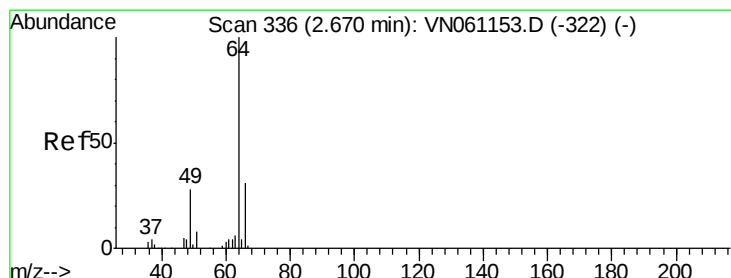
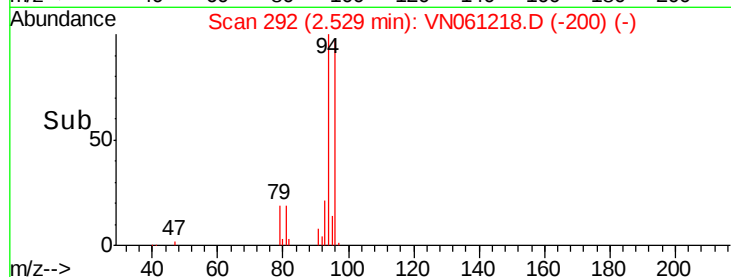
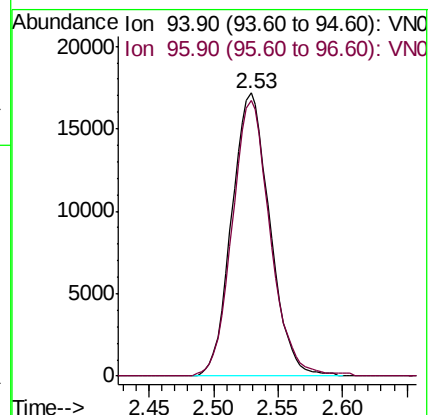
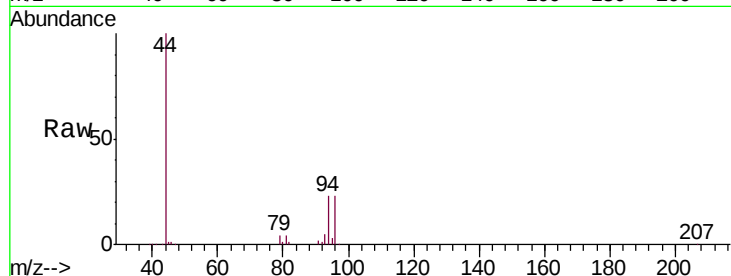
VSTDCCC050EC

Tgt Ion: 94 Resp: 35242

Ion Ratio Lower Upper

94 100

96 97.2 75.1 112.7



#6

Chloroethane

Concen: 43.932 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061218.D

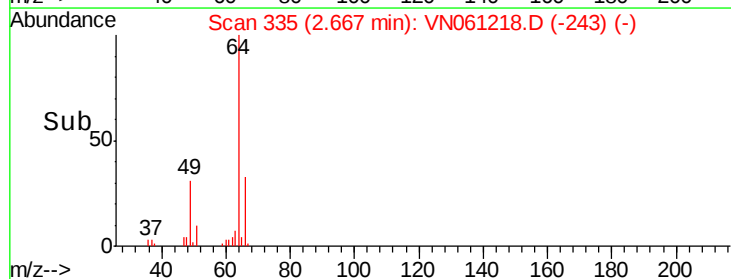
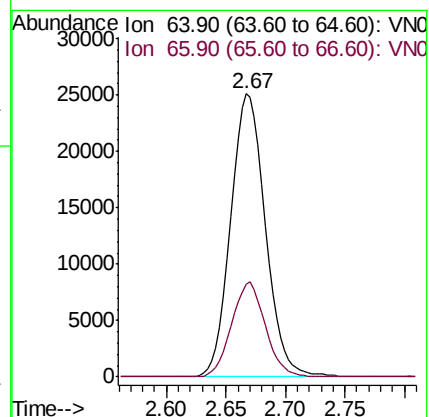
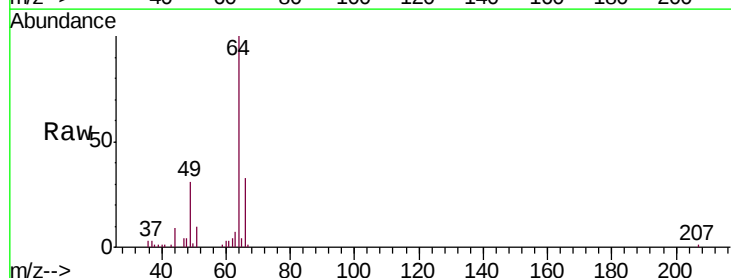
Acq: 30 Apr 2020 21:44

Tgt Ion: 64 Resp: 50763

Ion Ratio Lower Upper

64 100

66 32.9 24.6 36.8



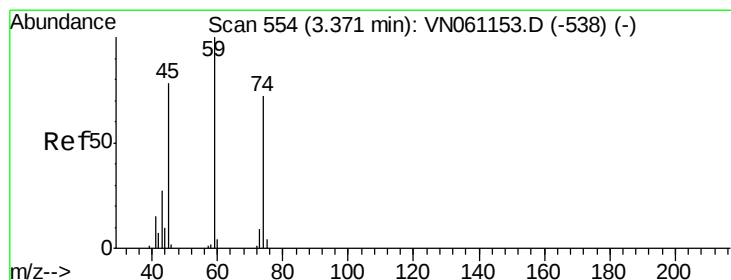
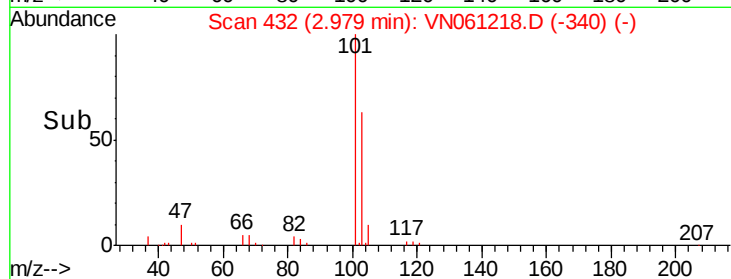
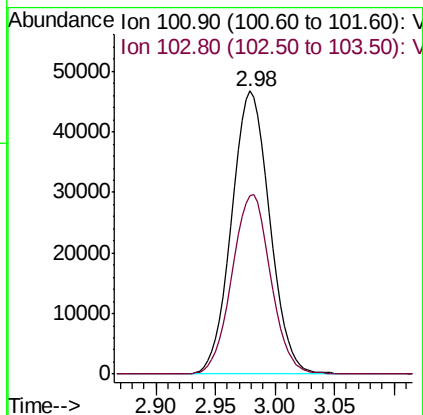
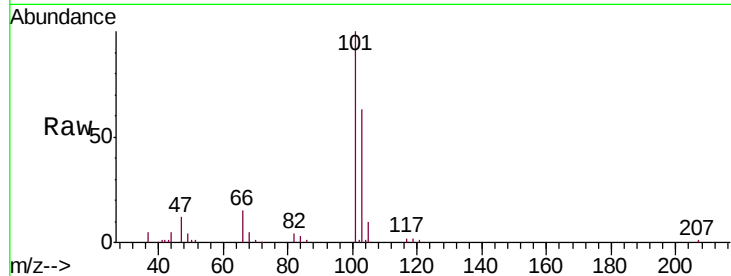


#7

Trichlorofluoromethane
 Concen: 50.617 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
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 ClientSampleId :
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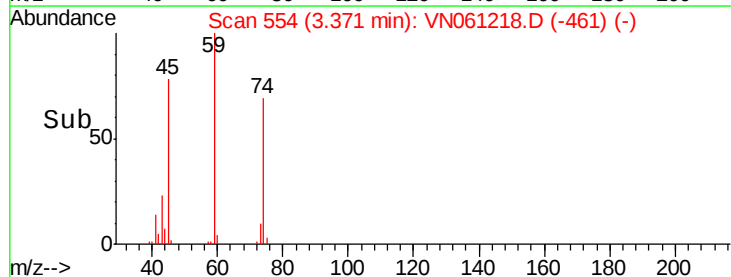
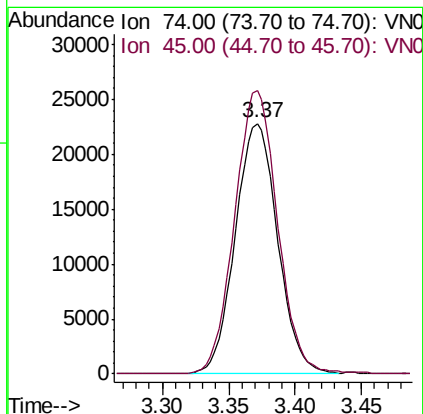
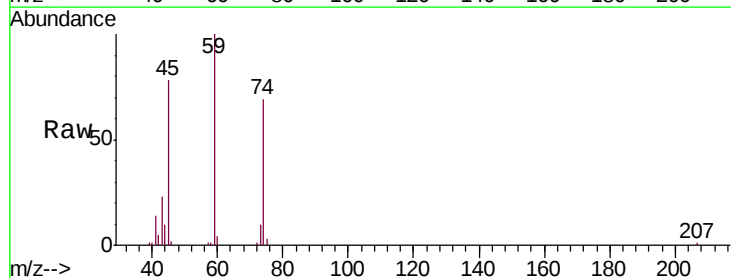
Tgt Ion:101 Resp: 104107
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.6 76.0



#8

Diethyl Ether
 Concen: 59.105 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 74 Resp: 50706
 Ion Ratio Lower Upper
 74 100
 45 114.7 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.431 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061218.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

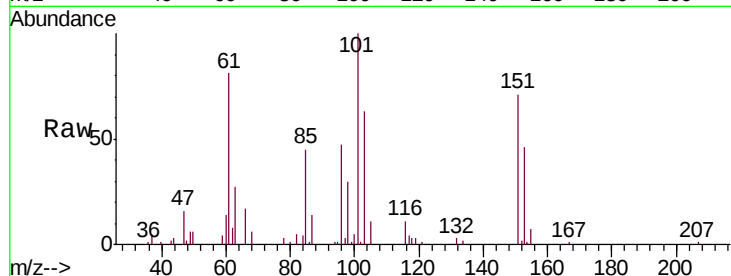
Tgt Ion:101 Resp: 69473

Ion Ratio Lower Upper

101 100

85 45.5 37.2 55.8

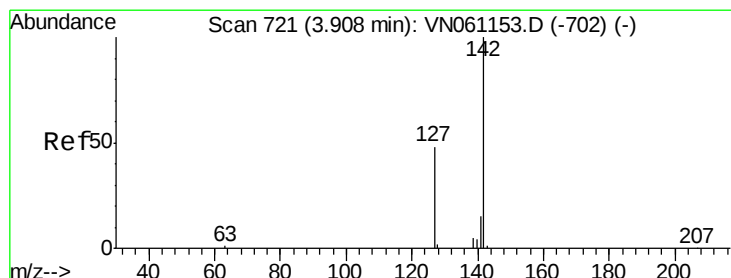
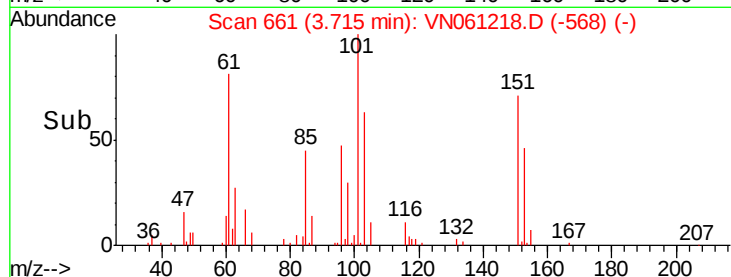
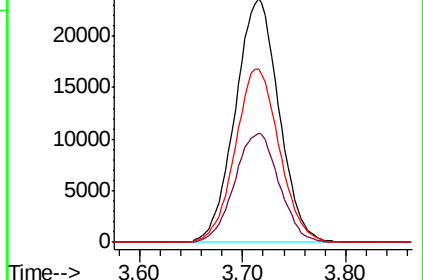
151 71.8 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.238 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

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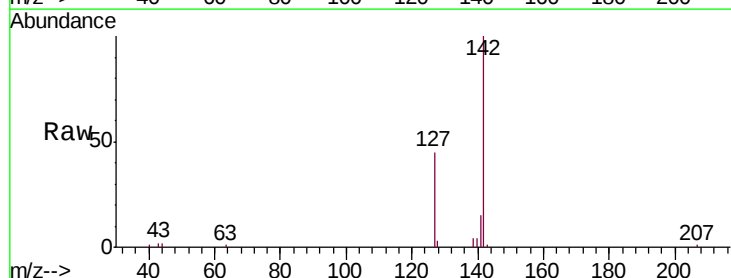
Tgt Ion:142 Resp: 80440

Ion Ratio Lower Upper

142 100

127 43.9 38.0 57.0

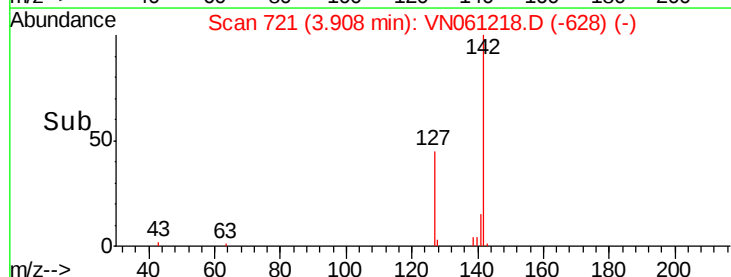
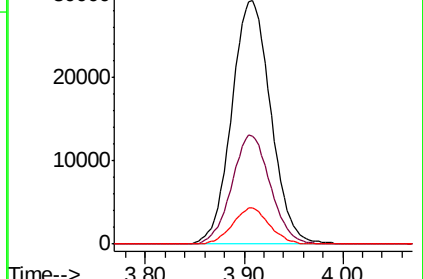
141 13.9 11.7 17.5

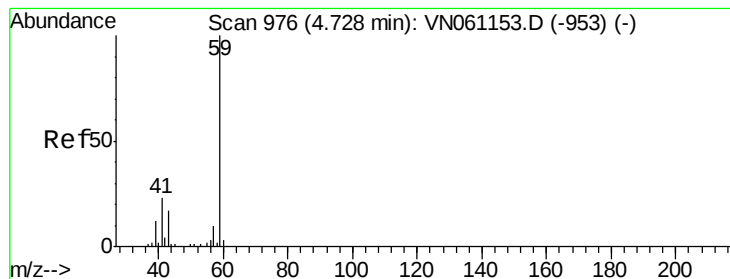


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



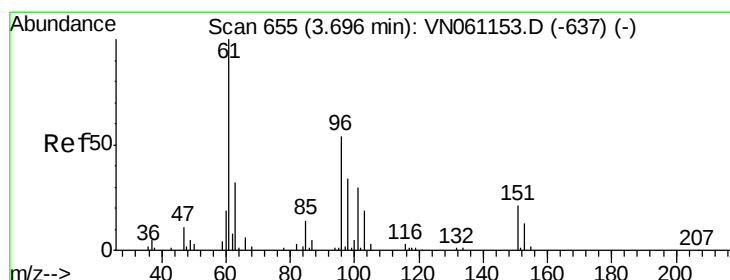
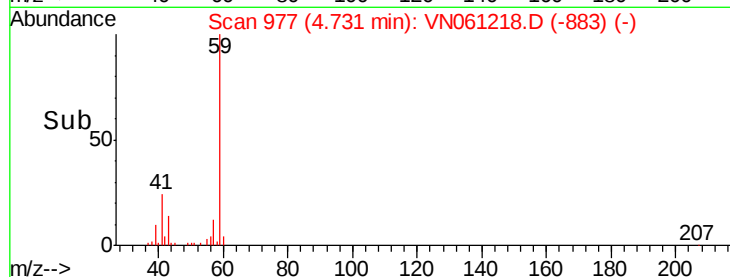
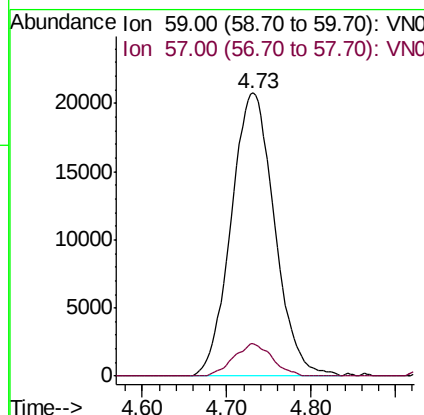
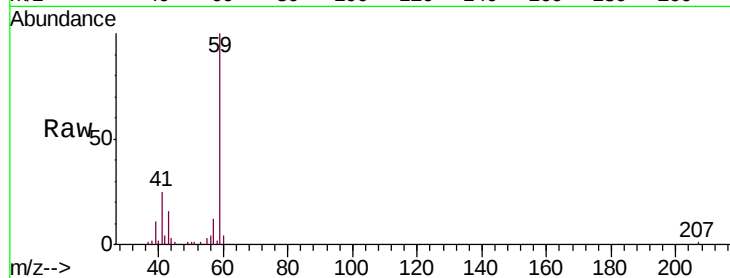


#11

Tert butyl alcohol
 Concen: 280.655 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

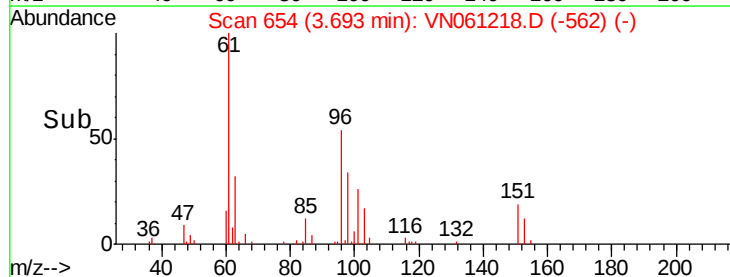
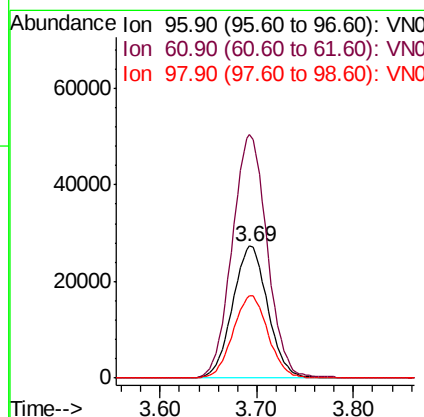
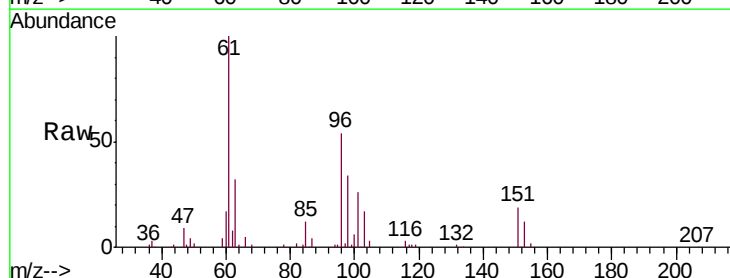
Tgt Ion: 59 Resp: 74345
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

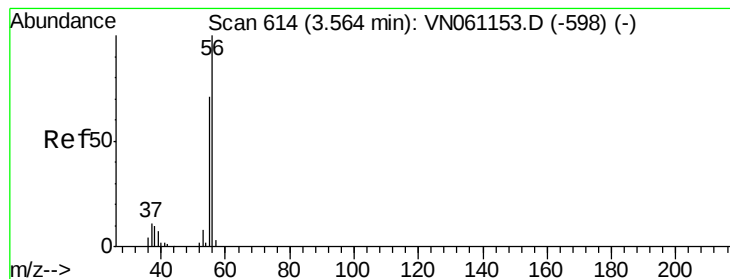


#12

1,1-Dichloroethene
 Concen: 52.525 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 96 Resp: 69258
 Ion Ratio Lower Upper
 96 100
 61 184.3 147.0 220.6
 98 62.2 49.8 74.6





#13

Acrolein

Concen: 266.149 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

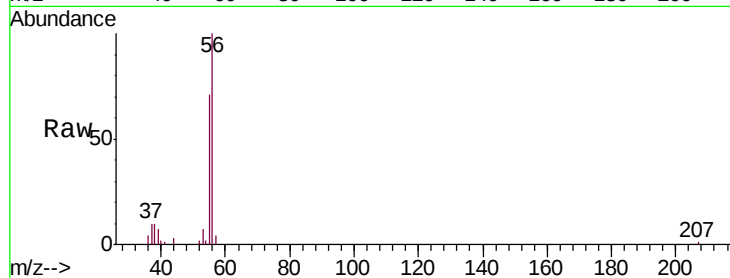
VSTDCCC050EC

Tgt Ion: 56 Resp: 46983

Ion Ratio Lower Upper

56 100

55 69.5 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)

3.56

20000

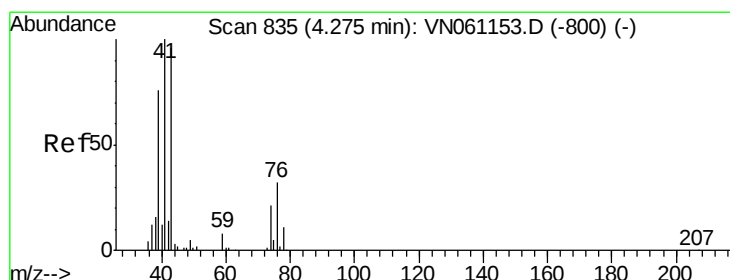
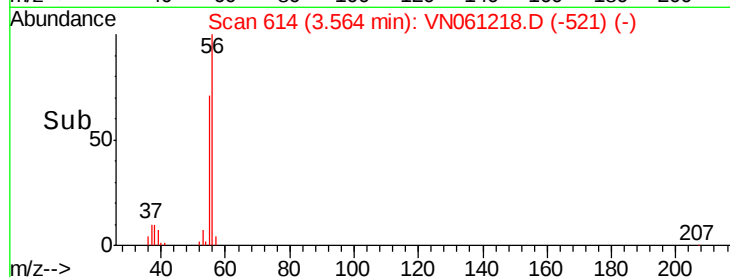
15000

10000

5000

0

Time--> 3.45 3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 64.128 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

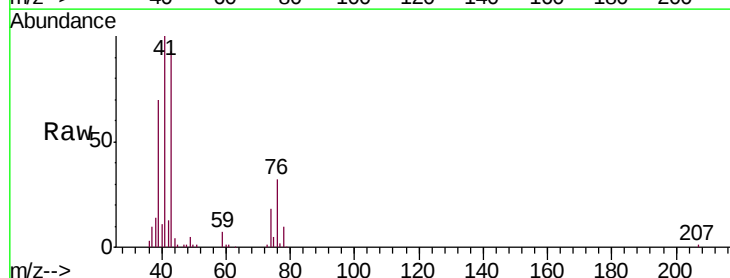
Tgt Ion: 41 Resp: 156784

Ion Ratio Lower Upper

41 100

39 62.6 57.1 85.7

76 28.3 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)

4.27

60000

50000

40000

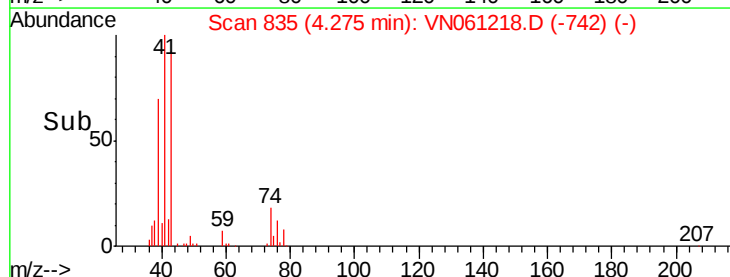
30000

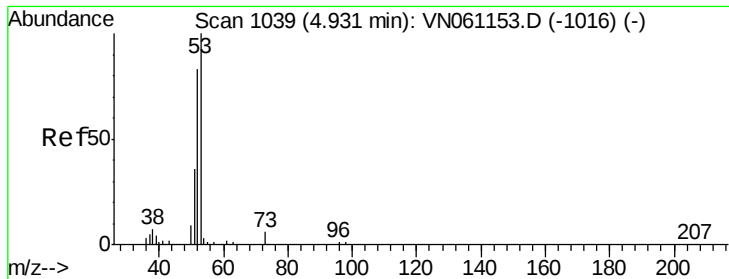
20000

10000

0

Time--> 4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 293.226 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

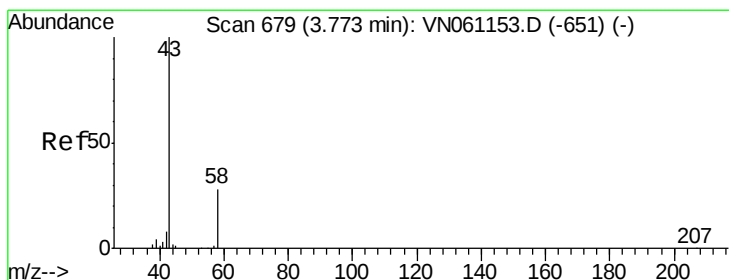
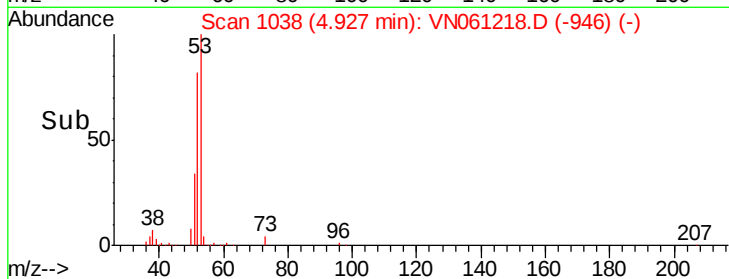
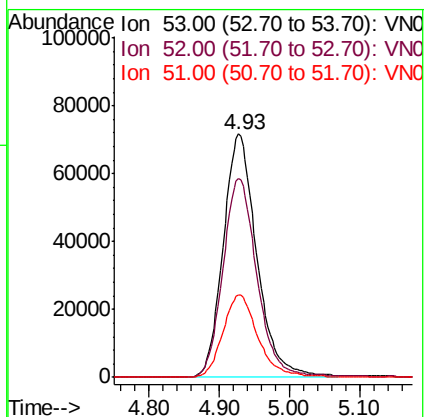
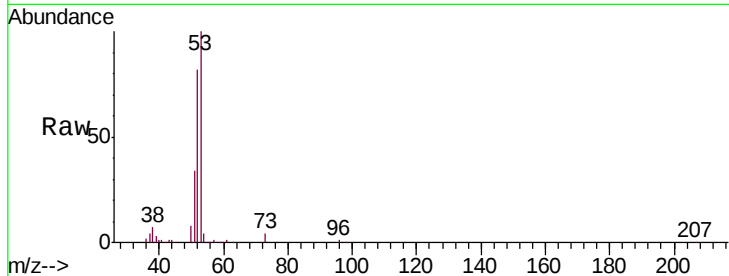
Tgt Ion: 53 Resp: 238442

Ion Ratio Lower Upper

53 100

52 83.0 65.4 98.0

51 35.3 29.5 44.3



#16

Acetone

Concen: 265.484 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061218.D

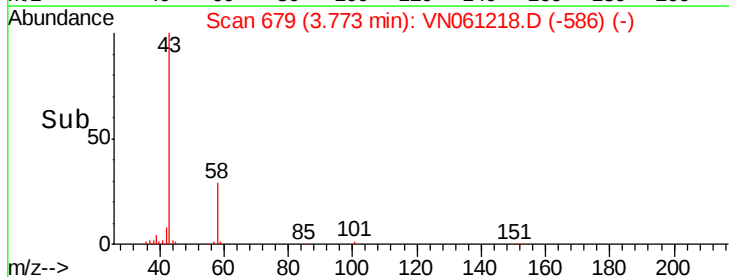
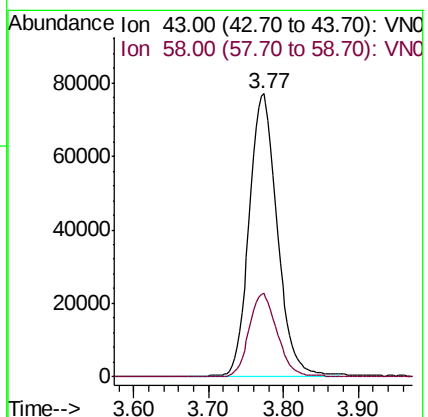
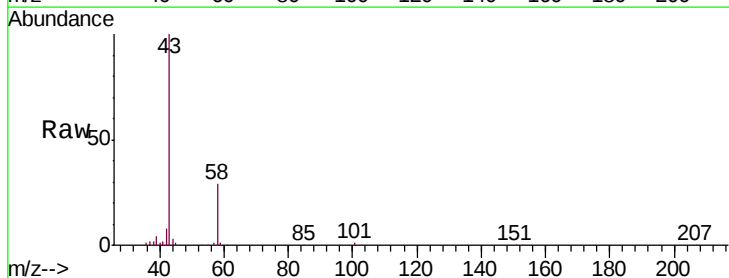
Acq: 30 Apr 2020 21:44

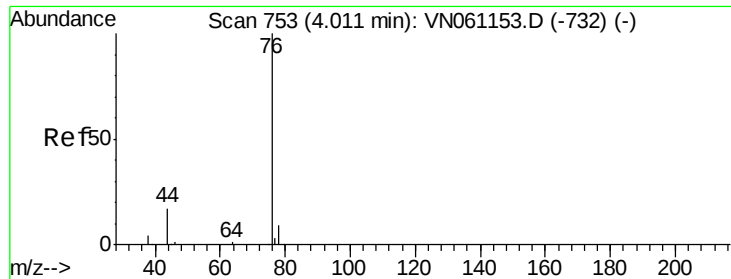
Tgt Ion: 43 Resp: 202776

Ion Ratio Lower Upper

43 100

58 29.4 22.2 33.2

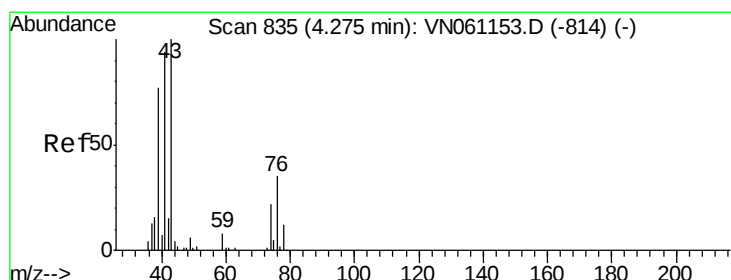
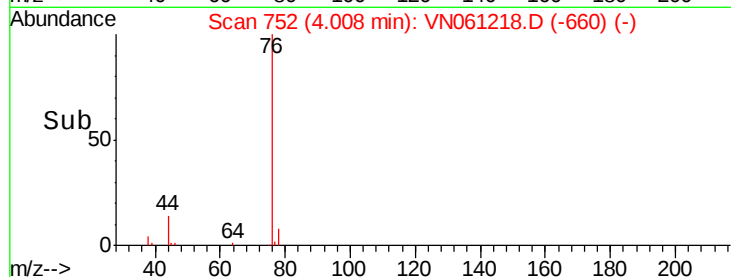
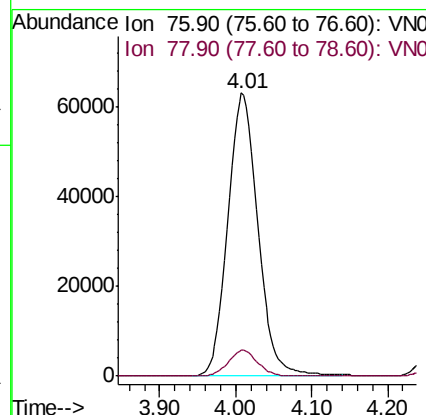
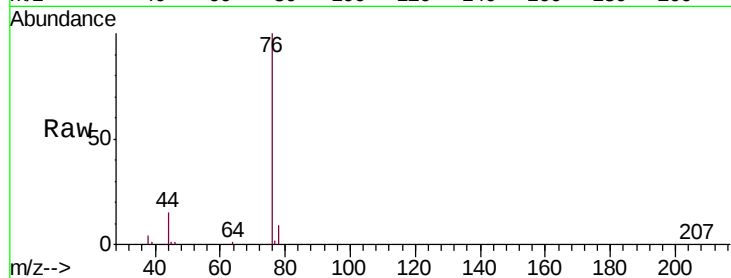




#17
Carbon Disulfide
Concen: 47.920 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

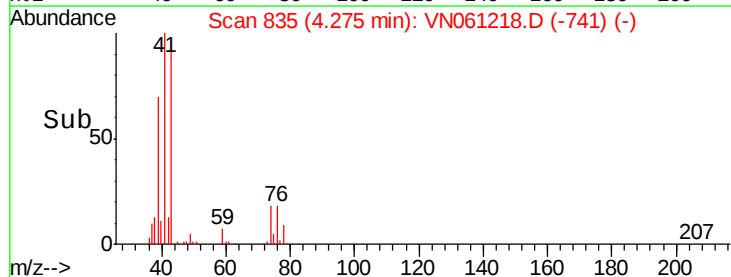
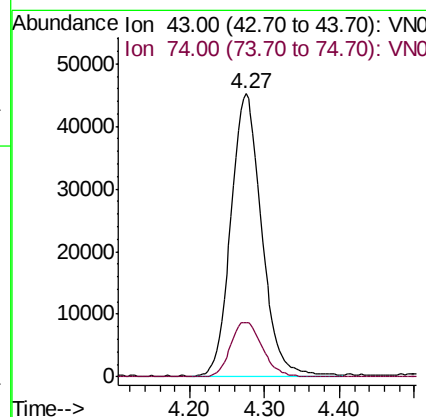
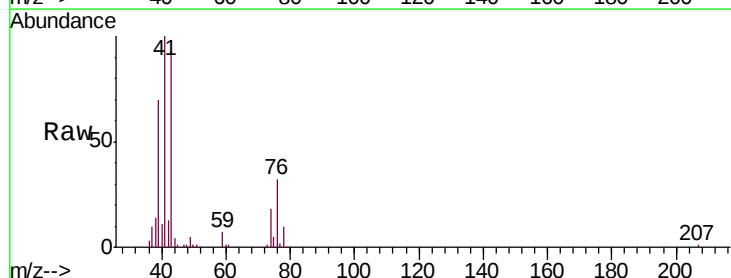
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

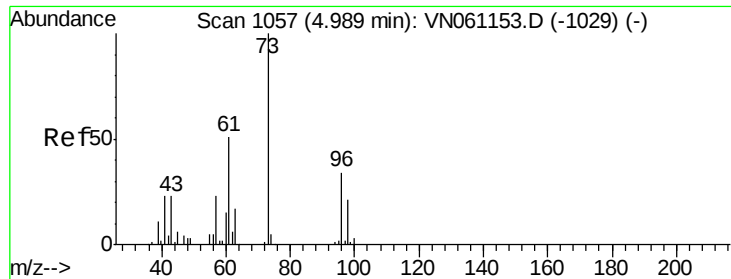
Tgt Ion: 76 Resp: 174544
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 52.068 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 43 Resp: 130043
Ion Ratio Lower Upper
43 100
74 19.8 17.0 25.4

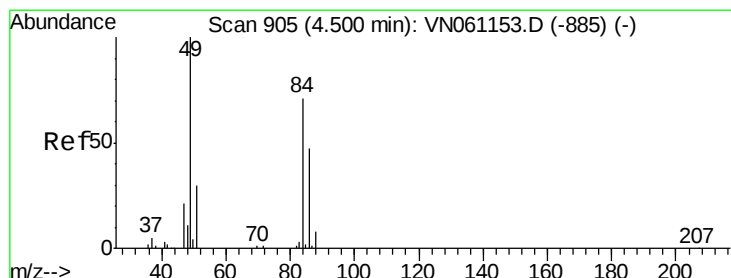
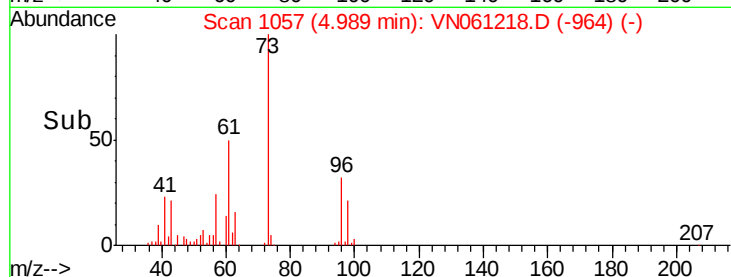
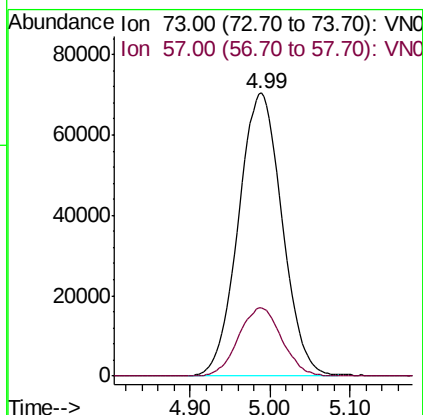
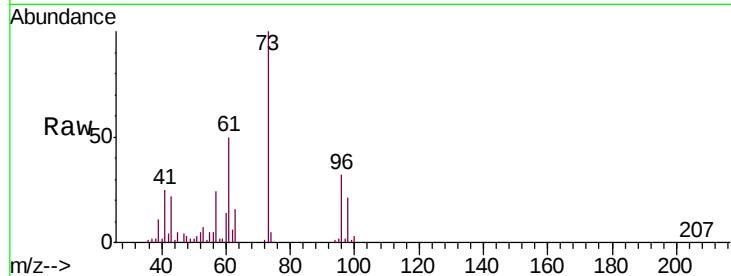




#19
Methyl tert-butyl Ether
Concen: 52.079 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

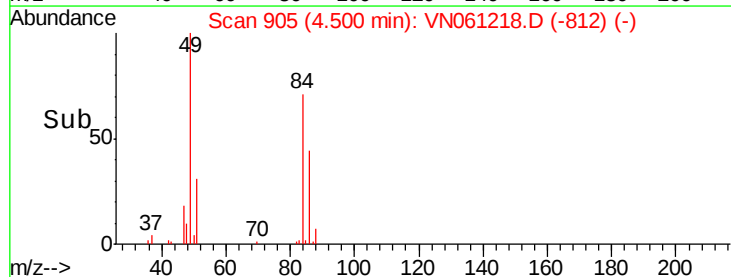
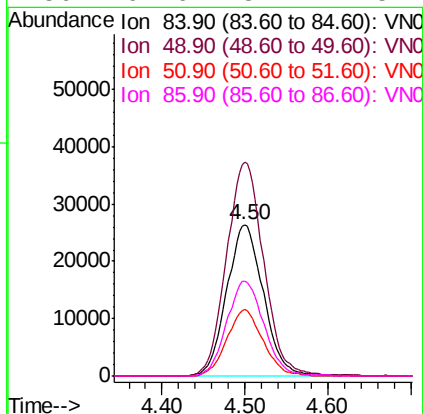
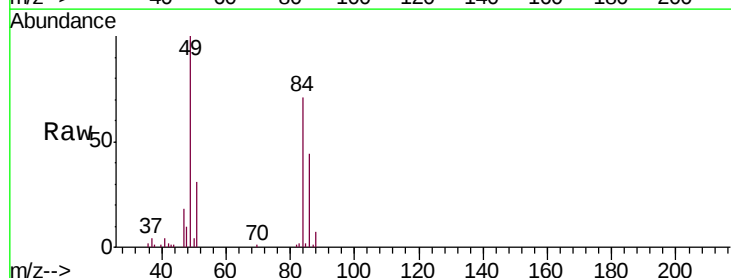
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

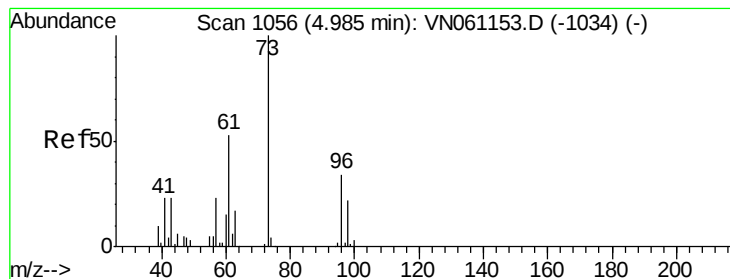
Tgt Ion: 73 Resp: 262395
Ion Ratio Lower Upper
73 100
57 24.3 18.3 27.5



#20
Methylene Chloride
Concen: 52.820 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 84 Resp: 81446
Ion Ratio Lower Upper
84 100
49 141.0 112.0 168.0
51 43.6 33.6 50.4
86 62.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 51.939 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

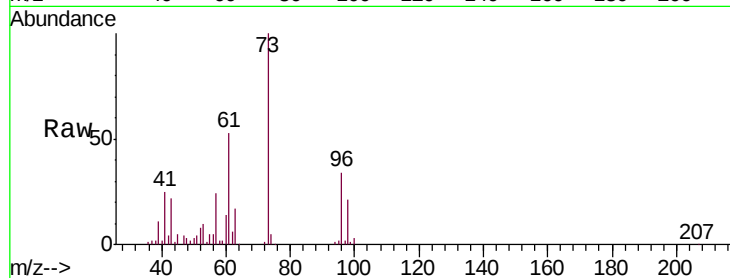
Tgt Ion: 96 Resp: 74574

Ion Ratio Lower Upper

96 100

61 153.4 123.0 184.4

98 61.7 50.1 75.1

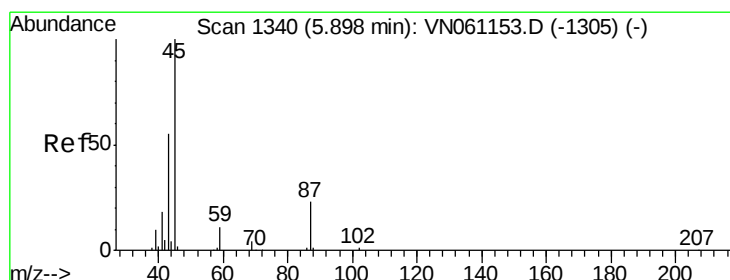
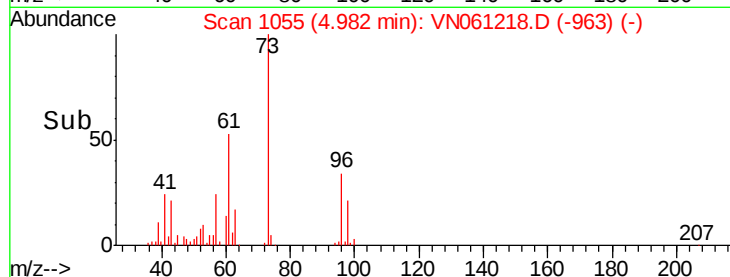
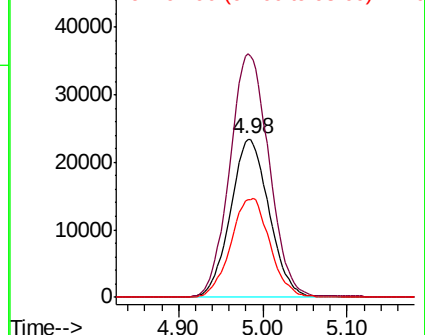


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 56.597 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Tgt Ion: 45 Resp: 320876

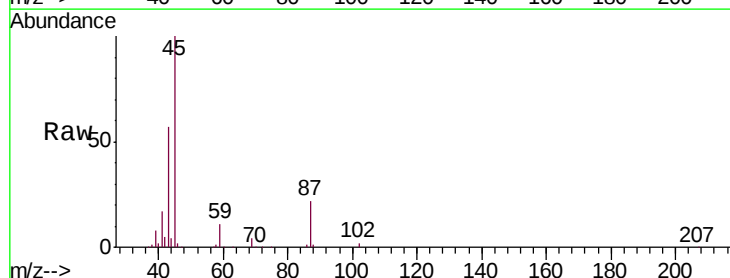
Ion Ratio Lower Upper

45 100

43 56.3 47.9 71.9

87 22.3 19.2 28.8

59 11.4 9.0 13.4



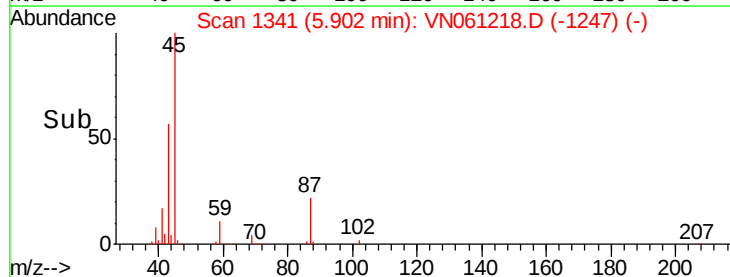
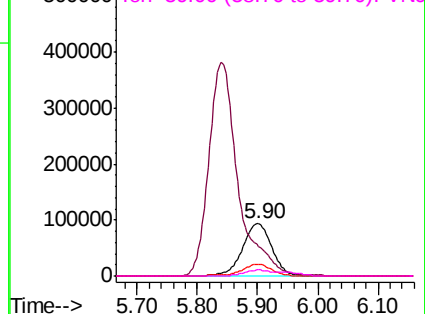
Abundance

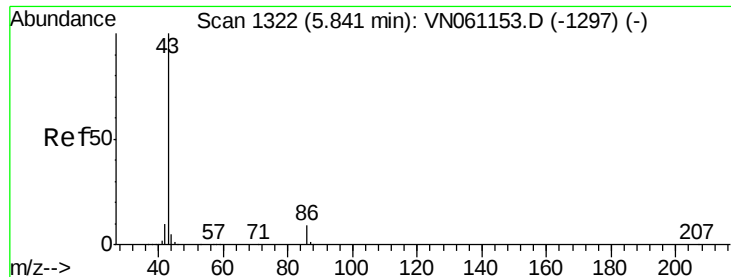
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

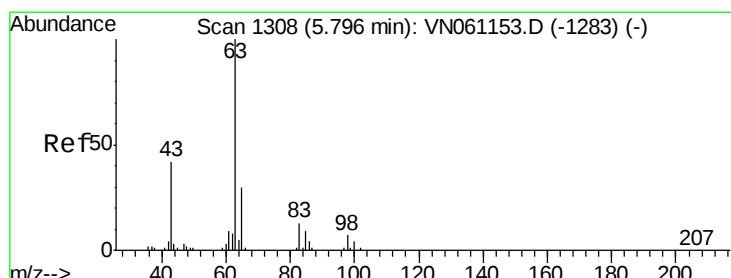
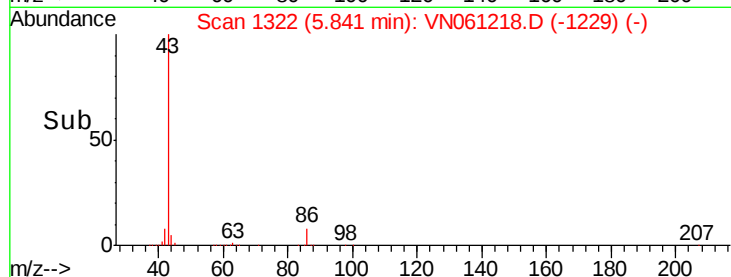
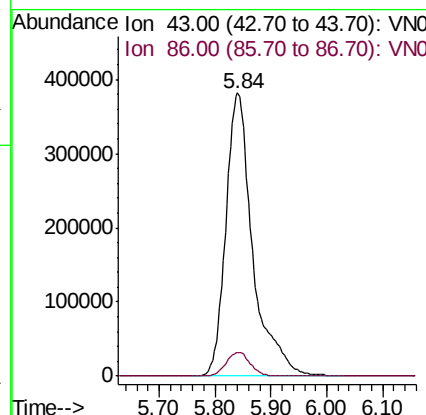
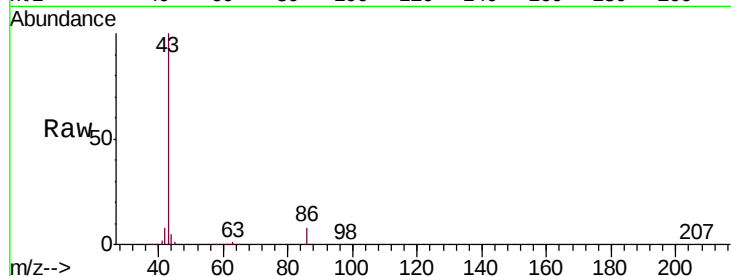




#23
 Vinyl Acetate
 Concen: 280.637 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

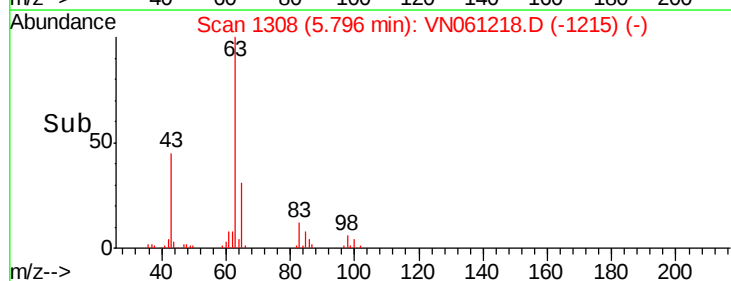
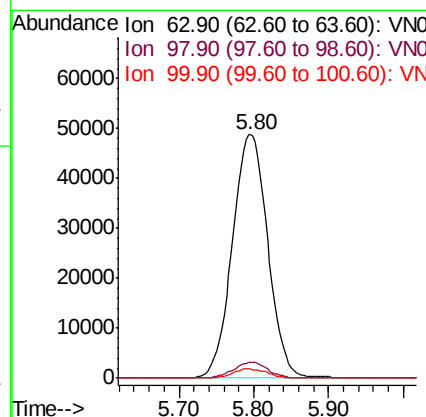
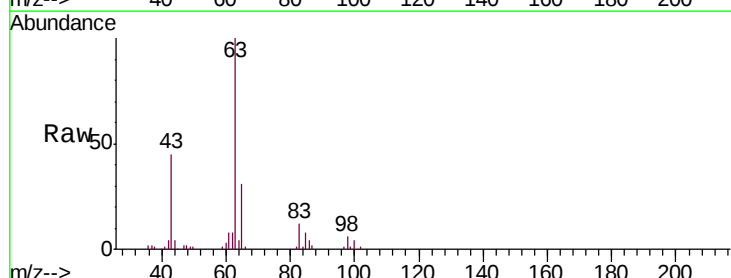
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

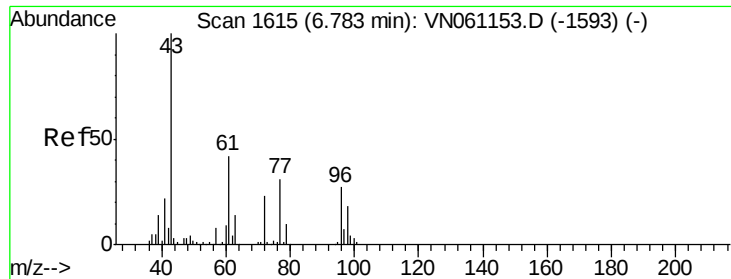
Tgt Ion: 43 Resp: 1281092
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 54.101 ug/l
 RT: 5.80 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 63 Resp: 160258
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 3.6 1.9 5.7

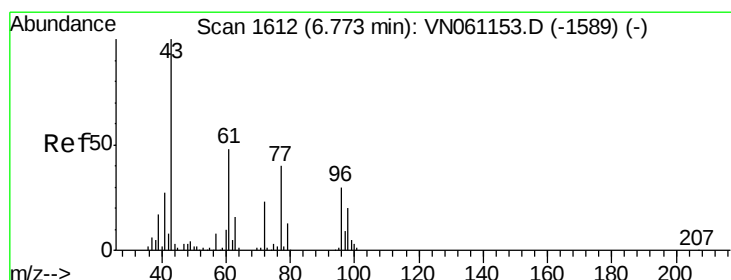
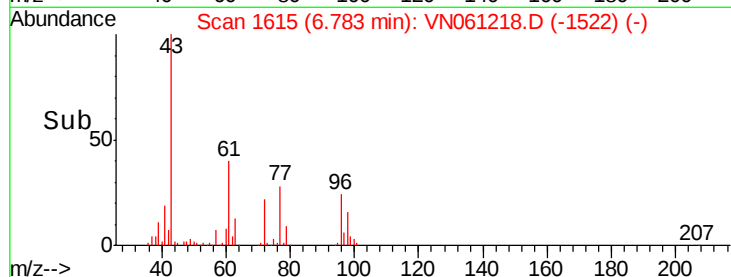
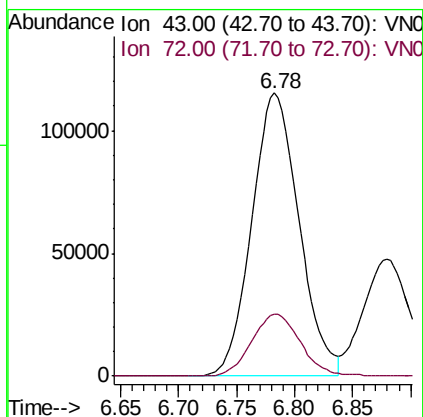
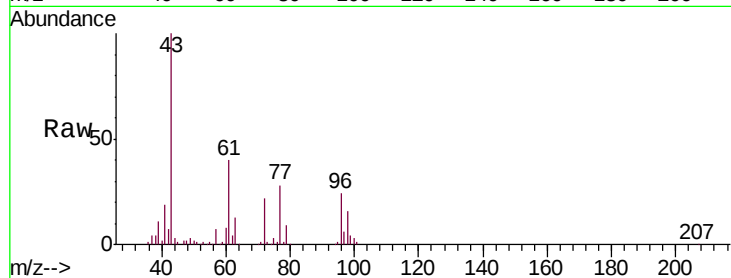




#25
2-Butanone
Concen: 279.752 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

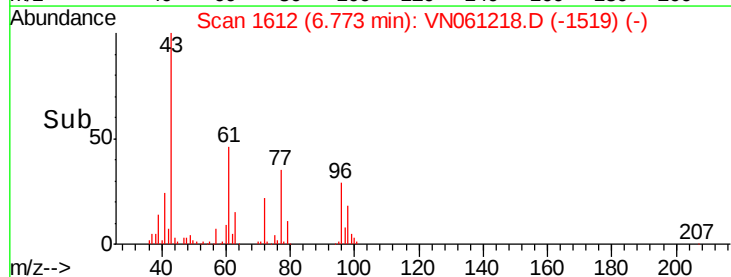
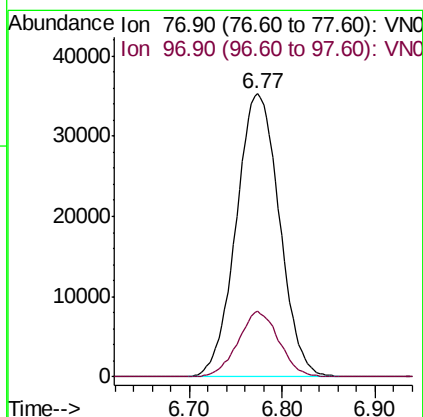
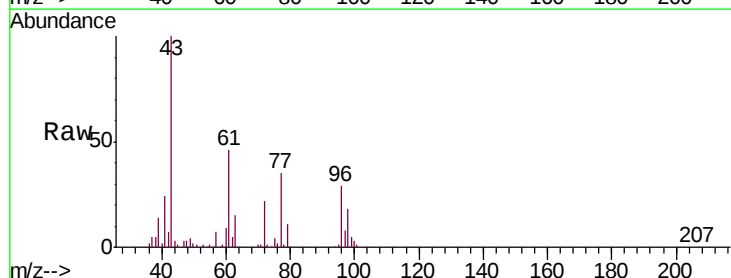
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

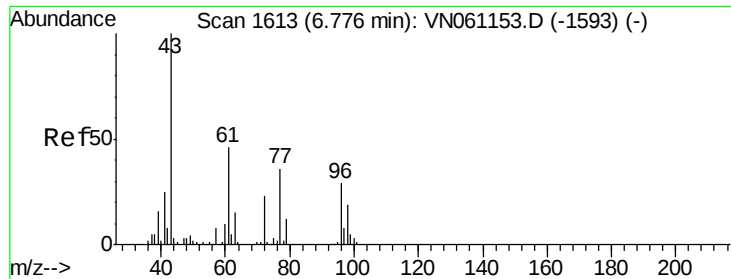
Tgt Ion: 43 Resp: 327348
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.4



#26
2,2-Dichloropropane
Concen: 45.827 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 77 Resp: 114340
Ion Ratio Lower Upper
77 100
97 21.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 51.072 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

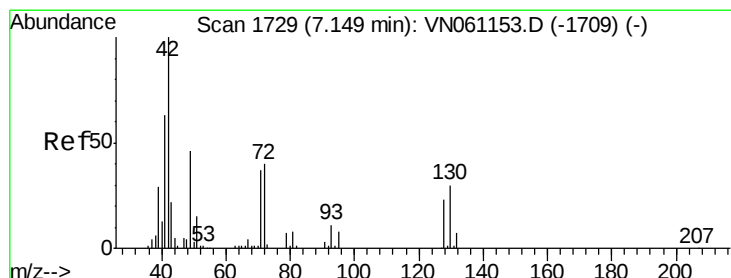
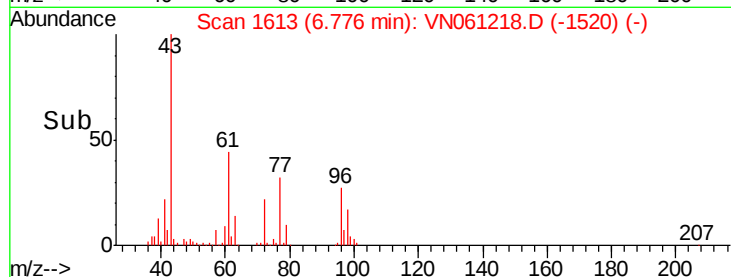
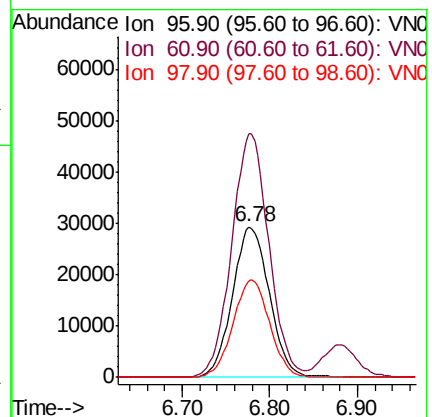
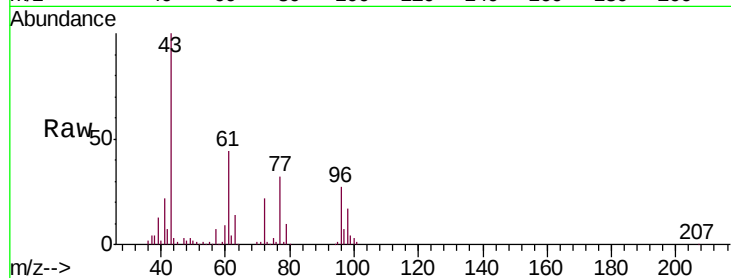
Tgt Ion: 96 Resp: 86054

Ion Ratio Lower Upper

96 100

61 161.7 0.0 322.0

98 64.1 0.0 129.6



#28

Bromochloromethane

Concen: 51.423 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

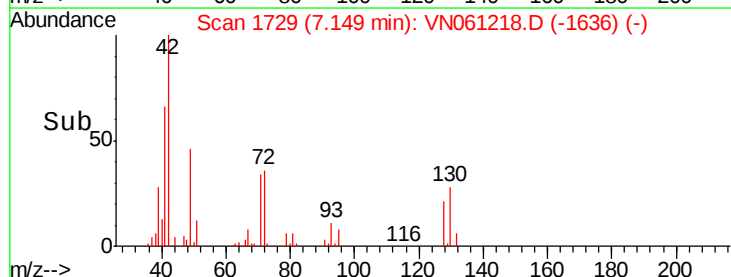
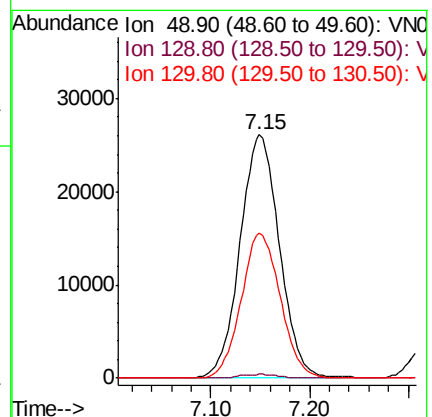
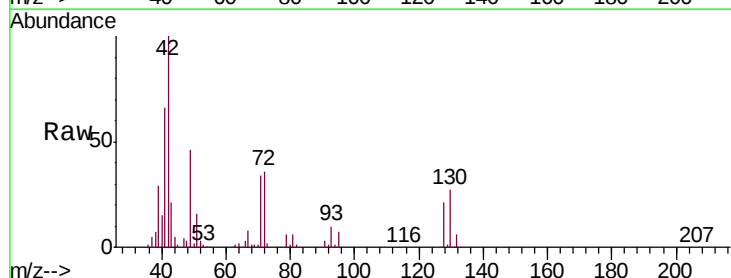
Tgt Ion: 49 Resp: 72198

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.0

130 59.0 51.4 77.2

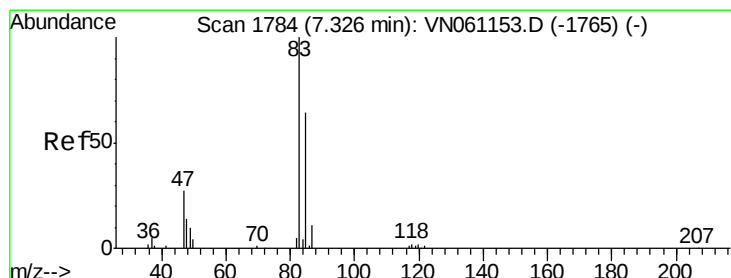
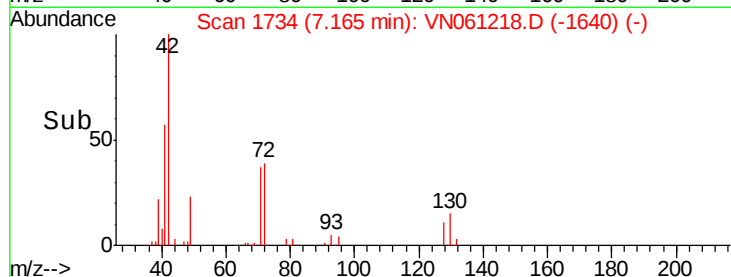
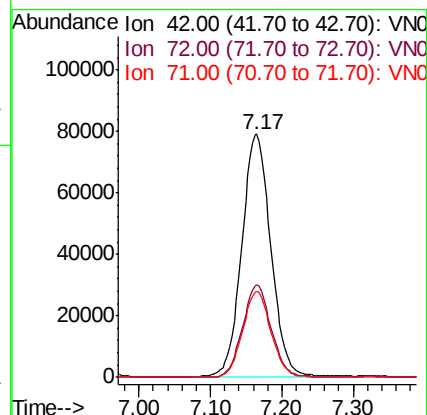
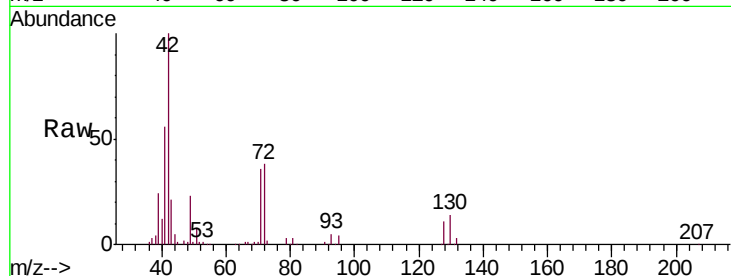




#29
Tetrahydrofuran
Concen: 286.761 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

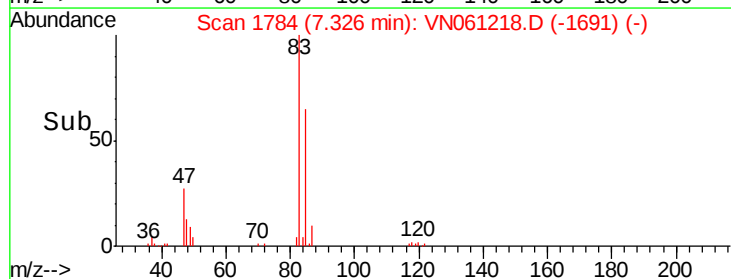
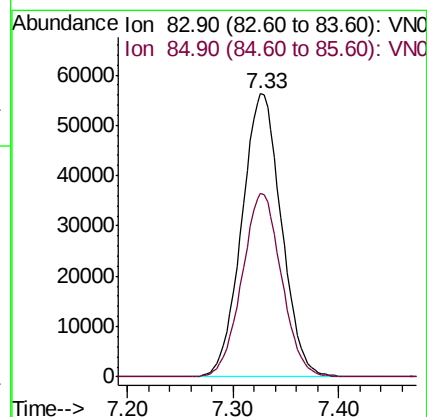
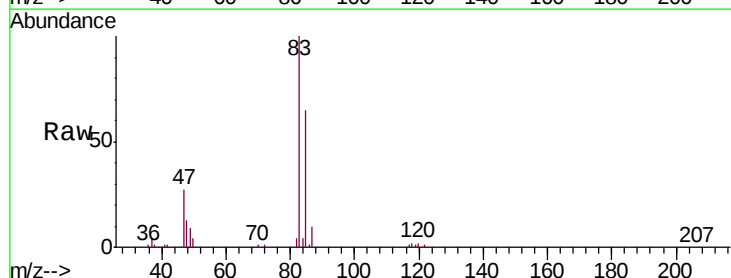
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

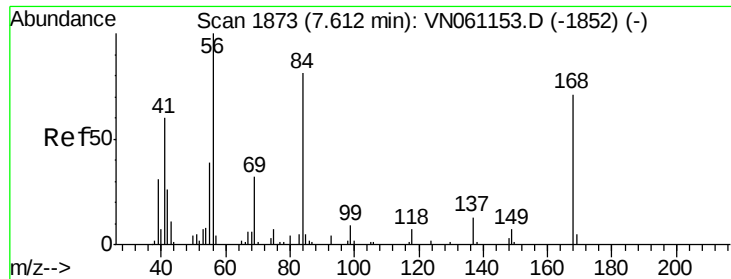
Tgt Ion: 42 Resp: 226033
Ion Ratio Lower Upper
42 100
72 37.2 31.4 47.0
71 34.3 29.5 44.3



#30
Chloroform
Concen: 49.009 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 83 Resp: 147118
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7

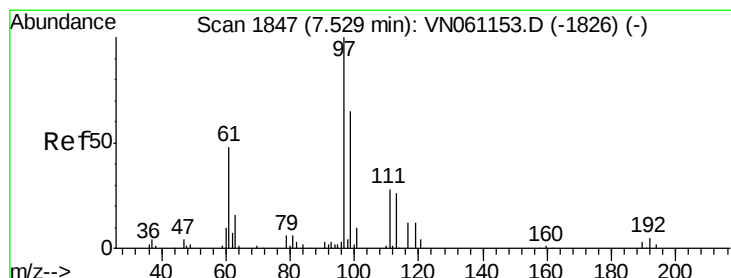
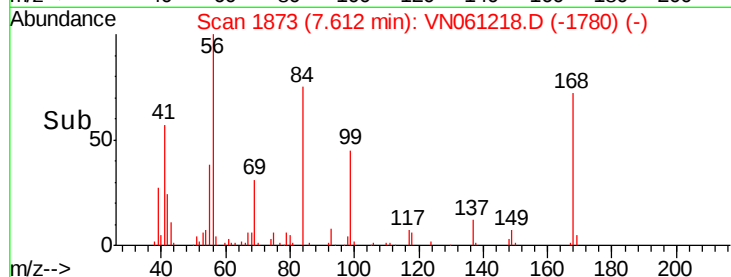
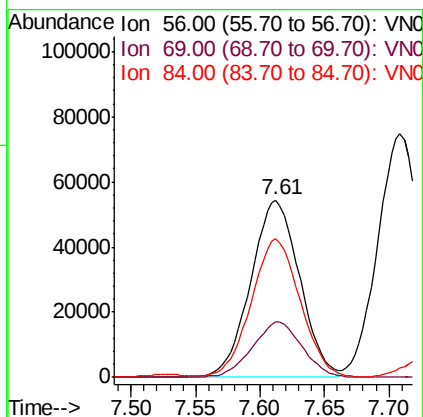
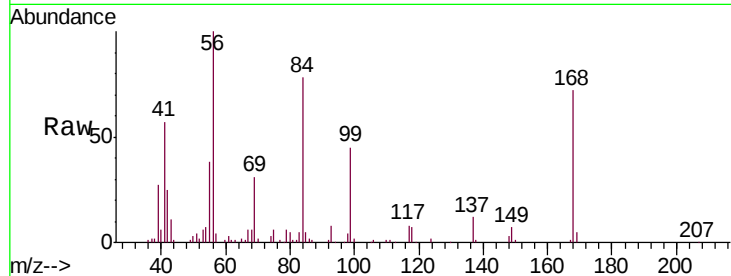




#31
Cyclohexane
Concen: 50.021 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

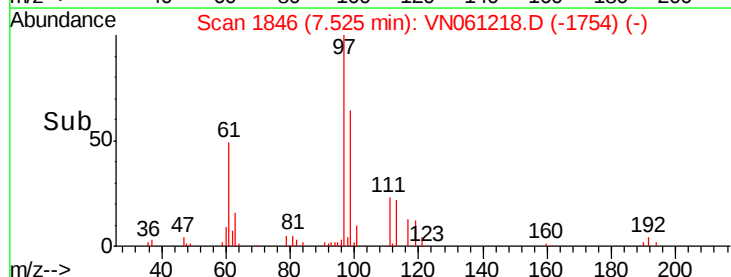
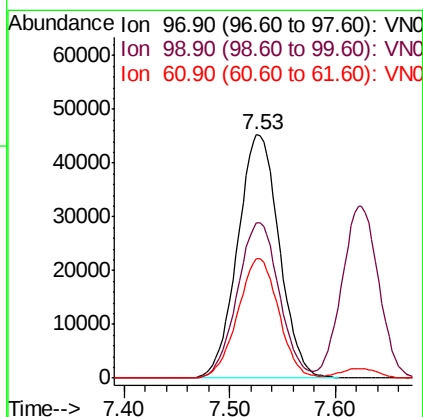
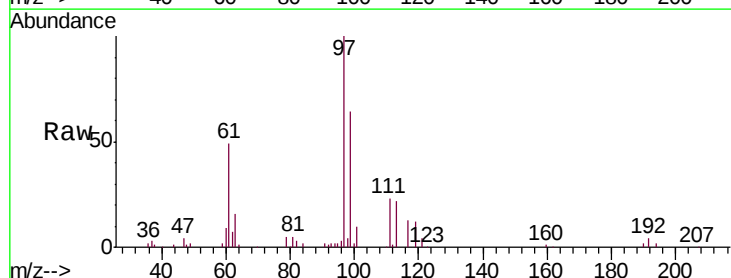
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 143898
Ion Ratio Lower Upper
56 100
69 31.2 25.7 38.5
84 77.1 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 47.554 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 97 Resp: 124307
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 48.2 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

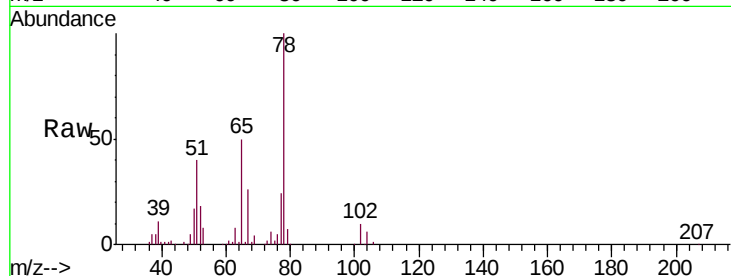
VSTDCCC050EC

Tgt Ion: 65 Resp: 97537

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.6

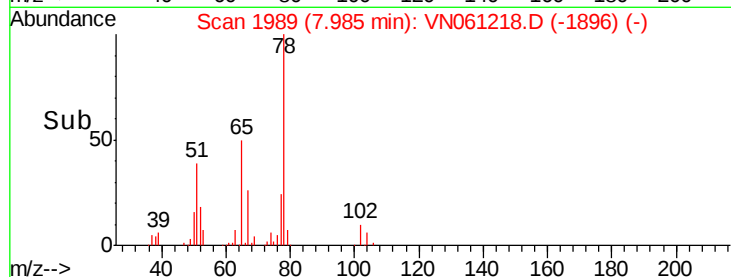


Abundance Ion 64.90 (64.60 to 65.60): VN061218.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061218.D (-1972) (-)

7.99

Time-->



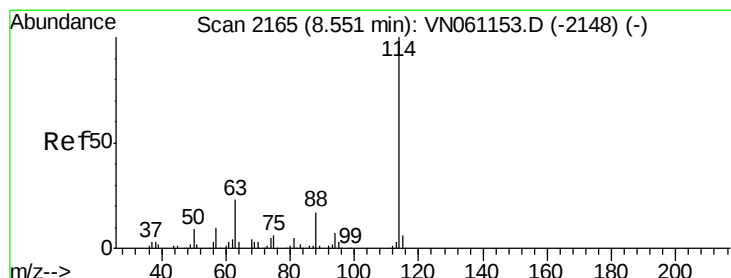
Abundance

Ion 64.90 (64.60 to 65.60): VN061218.D (-1896) (-)

Ion 66.90 (66.60 to 67.60): VN061218.D (-1896) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

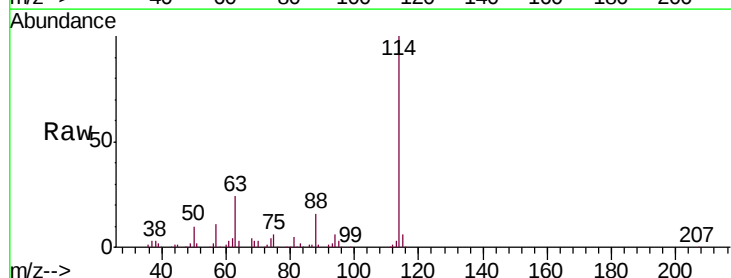
Tgt Ion: 114 Resp: 217496

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 16.5 0.0 33.4



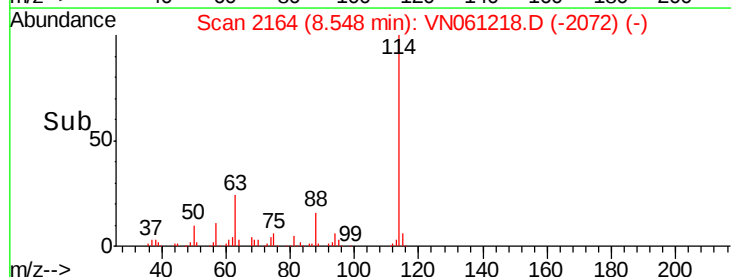
Abundance Ion 113.90 (113.60 to 114.60): VN061218.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061218.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061218.D (-2148) (-)

8.55

Time-->



Abundance

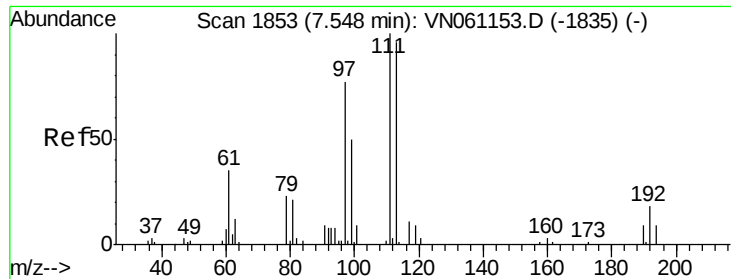
Ion 113.90 (113.60 to 114.60): VN061218.D (-2072) (-)

Ion 63.00 (62.70 to 63.70): VN061218.D (-2072) (-)

Ion 87.90 (87.60 to 88.60): VN061218.D (-2072) (-)

8.55

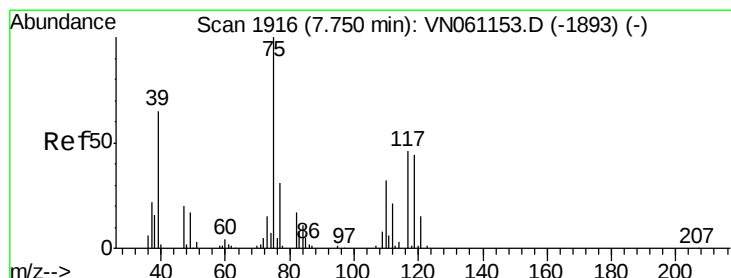
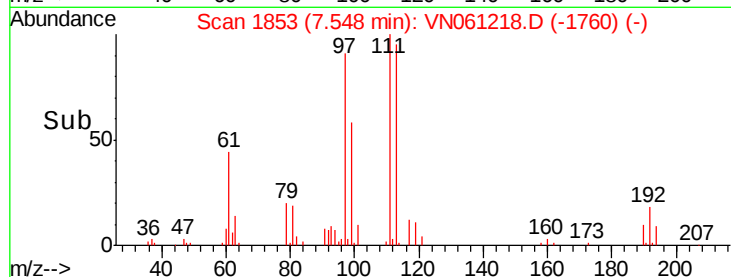
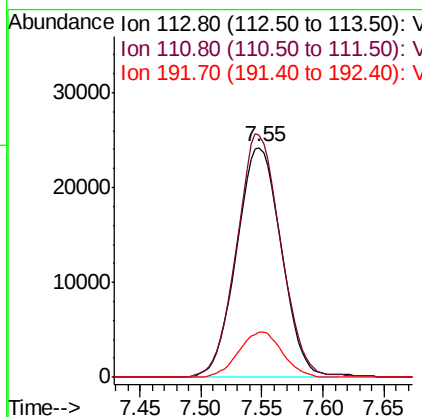
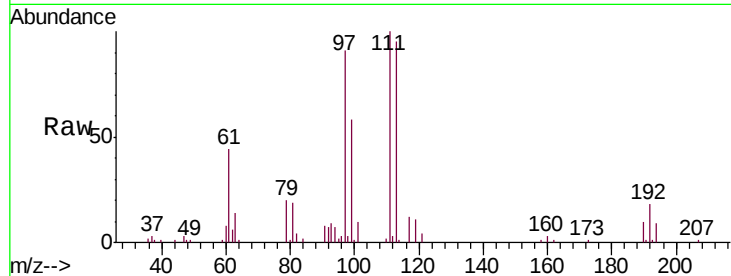
Time-->



#35
 Dibromofluoromethane
 Concen: 47.891 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

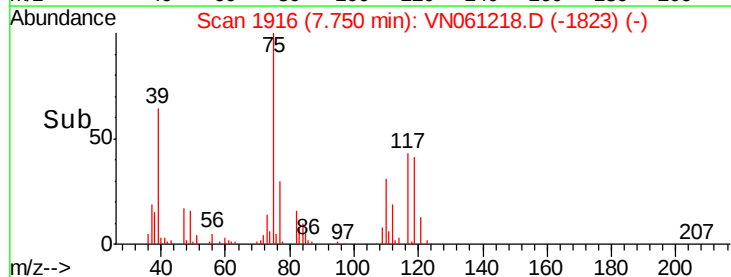
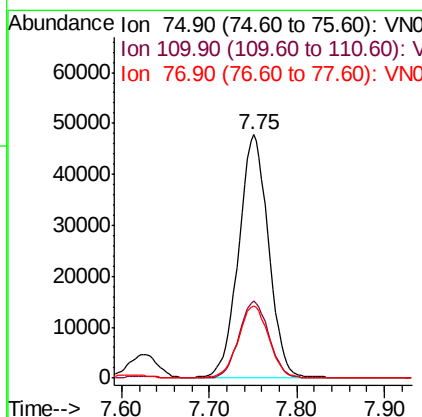
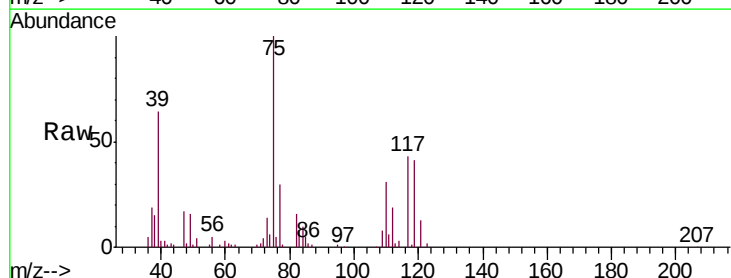
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

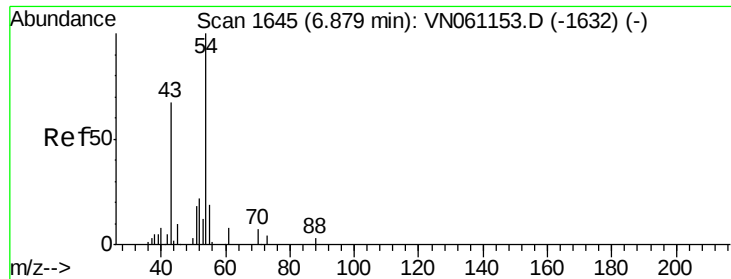
Tgt Ion: 113 Resp: 61593
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 19.2 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 52.075 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 75 Resp: 113379
 Ion Ratio Lower Upper
 75 100
 110 31.5 16.0 48.0
 77 30.4 24.6 37.0

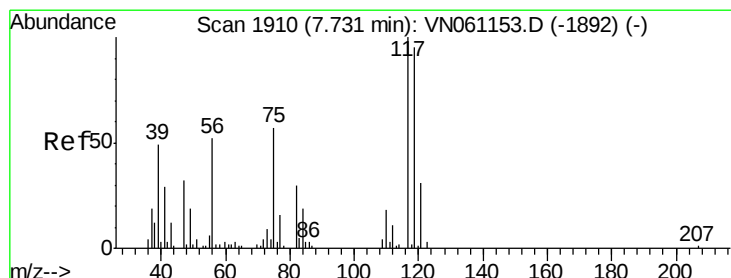
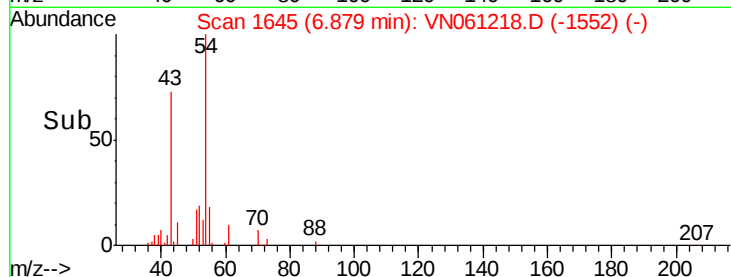
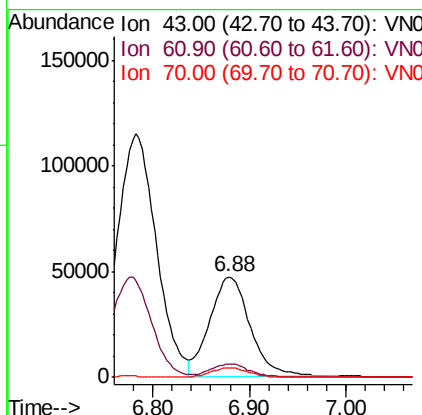
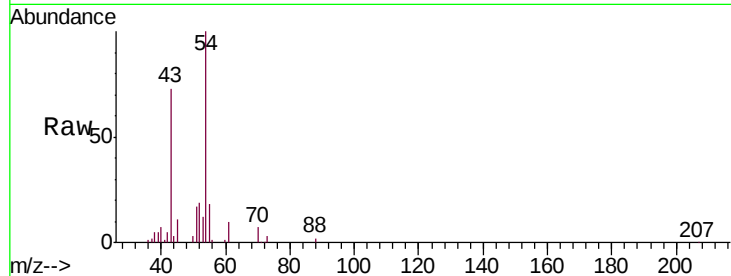




#37
Ethyl Acetate
Concen: 53.823 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

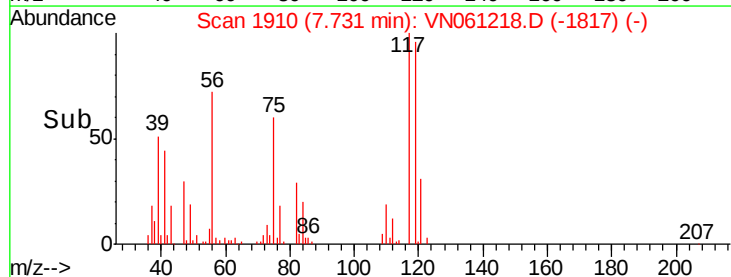
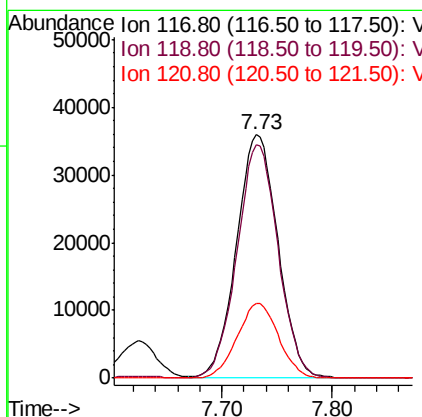
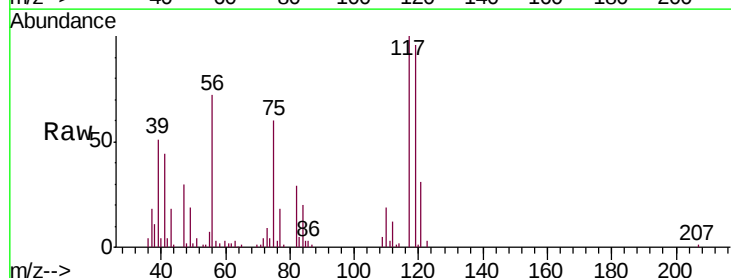
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 137380
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.207 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 117 Resp: 93510
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 30.6 24.7 37.1

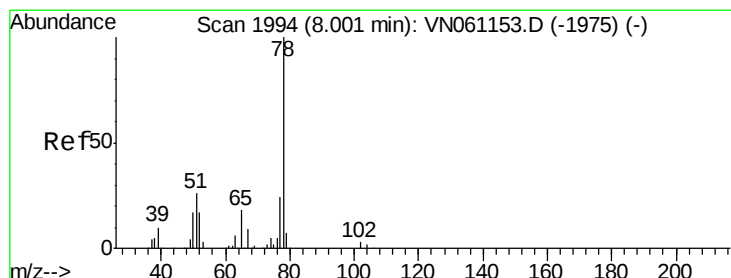
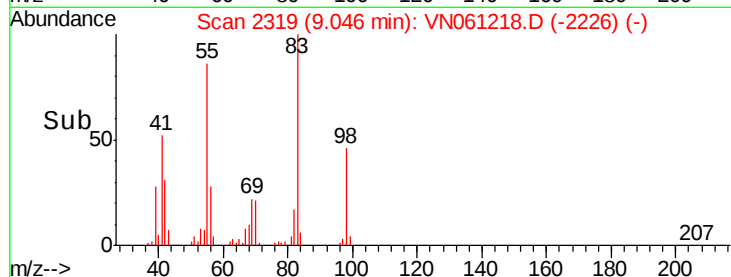
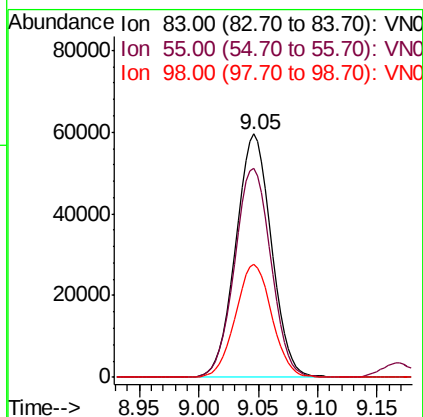
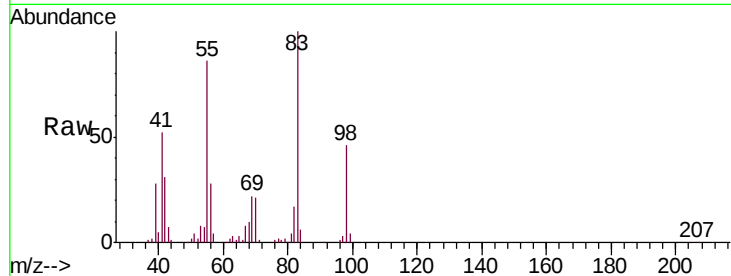




#39
Methylcyclohexane
Concen: 50.733 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

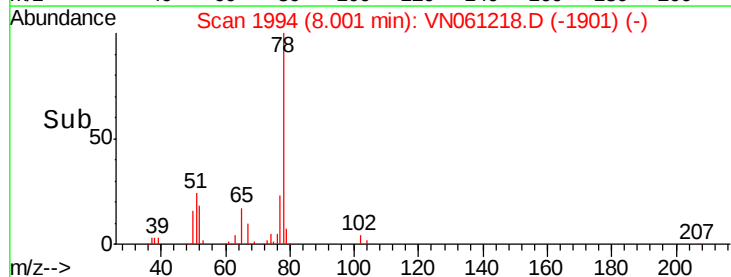
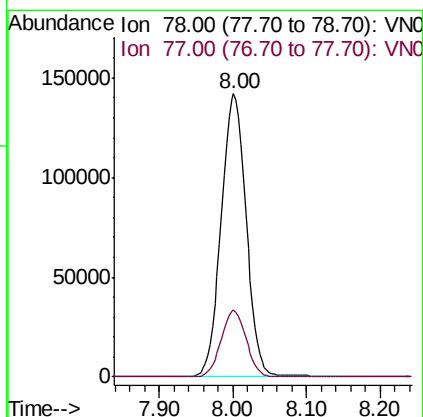
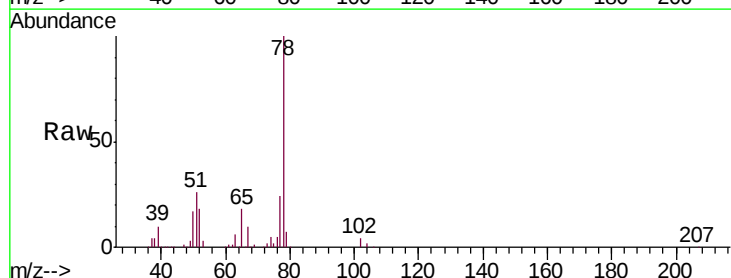
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 123874
Ion Ratio Lower Upper
83 100
55 85.8 67.3 100.9
98 46.2 37.7 56.5



#40
Benzene
Concen: 51.778 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 78 Resp: 335858
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41

Methacrylonitrile

Concen: 57.388 ug/l

RT: 7.12 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 60818

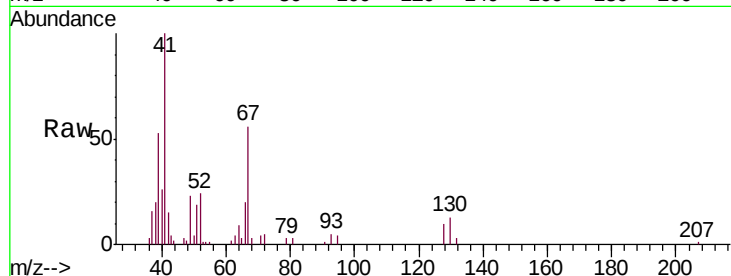
Ion Ratio Lower Upper

41 100

39 63.1 0.0 0.0#

67 77.8 0.0 0.0#

52 34.4 0.0 0.0#

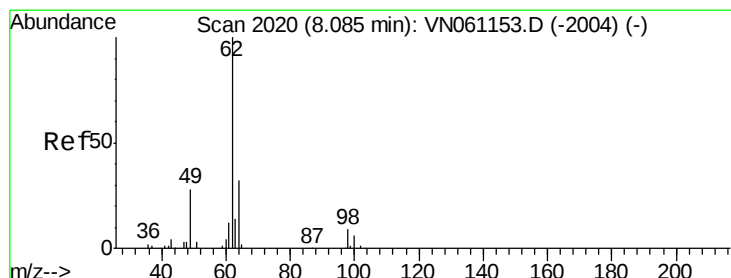
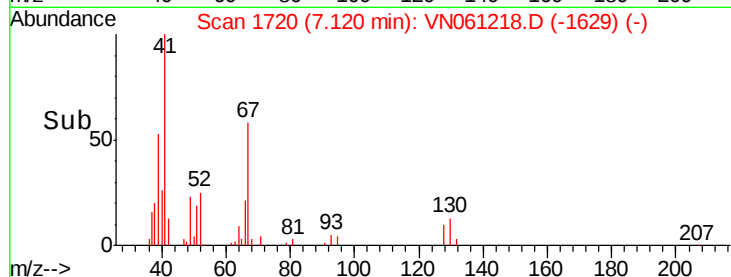
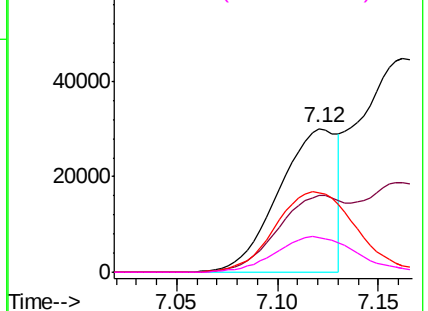


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 49.140 ug/l

RT: 8.08 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN061218.D

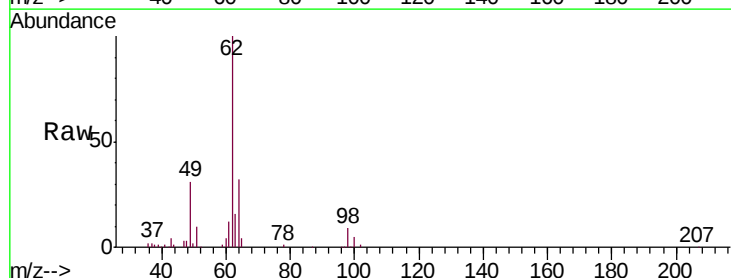
Acq: 30 Apr 2020 21:44

Tgt Ion: 62 Resp: 120754

Ion Ratio Lower Upper

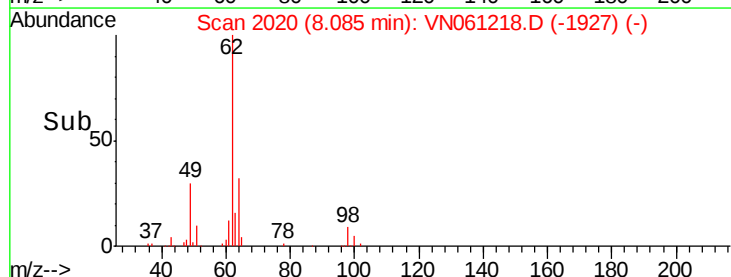
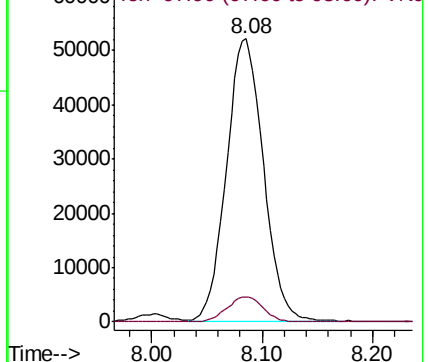
62 100

98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

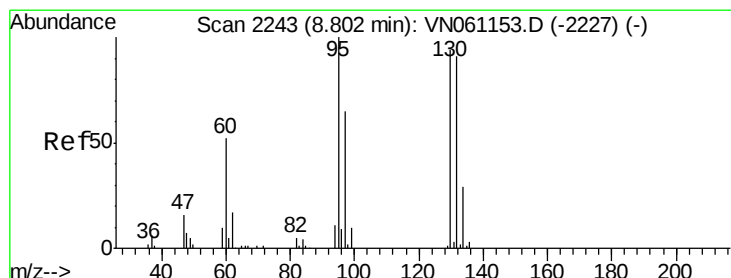
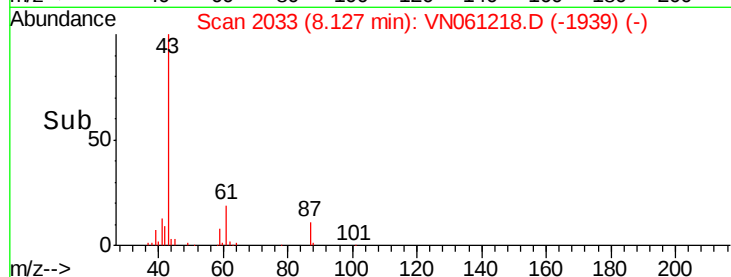
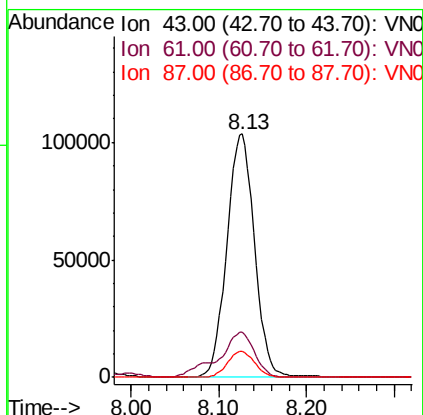
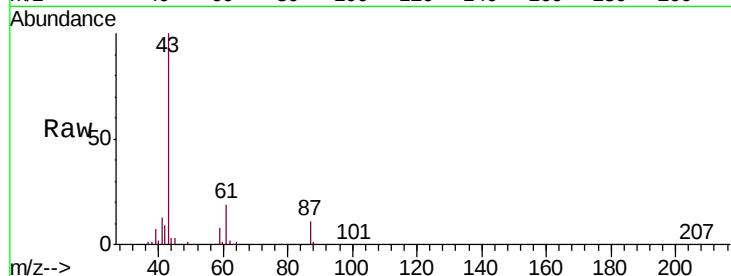




#43
Isopropyl Acetate
Concen: 53.703 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

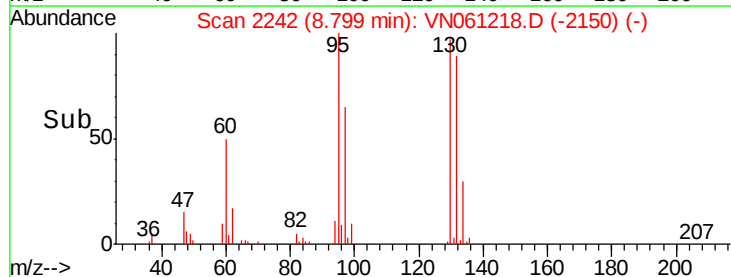
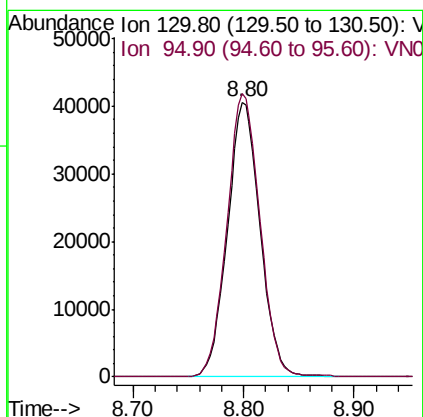
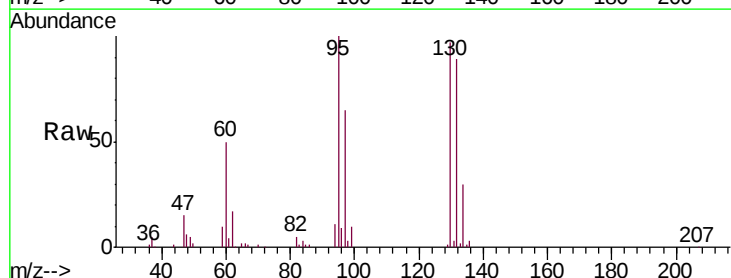
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 227490
Ion Ratio Lower Upper
43 100
61 24.2 19.5 29.3
87 10.5 8.9 13.3



#44
Trichloroethene
Concen: 47.398 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 130 Resp: 83112
Ion Ratio Lower Upper
130 100
95 103.1 0.0 212.4

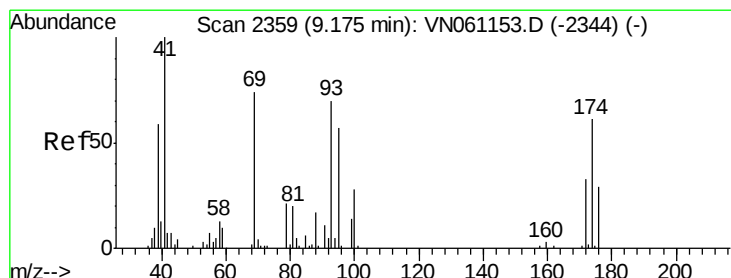
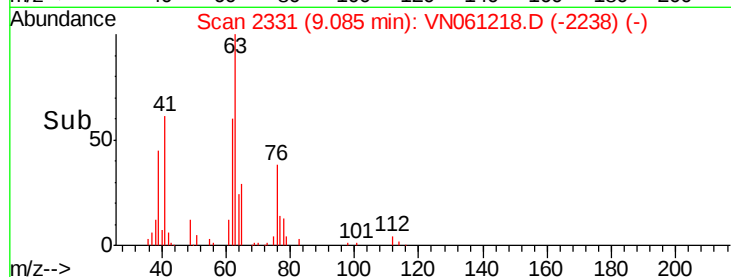
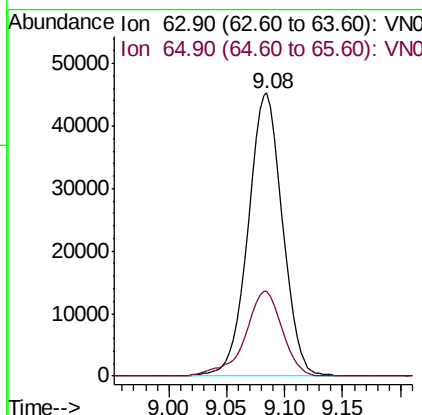
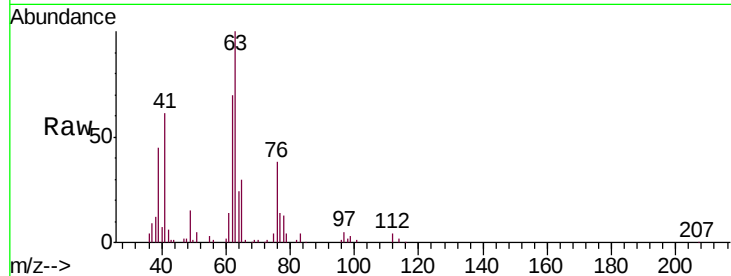




#45
 1,2-Dichloropropane
 Concen: 53.922 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

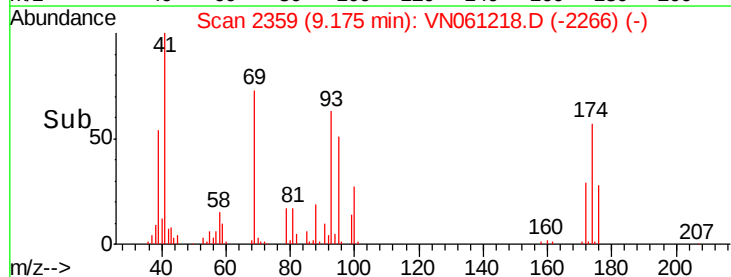
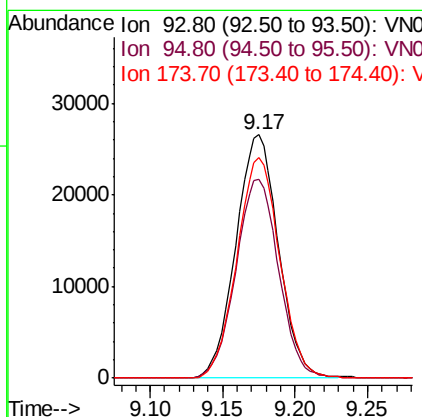
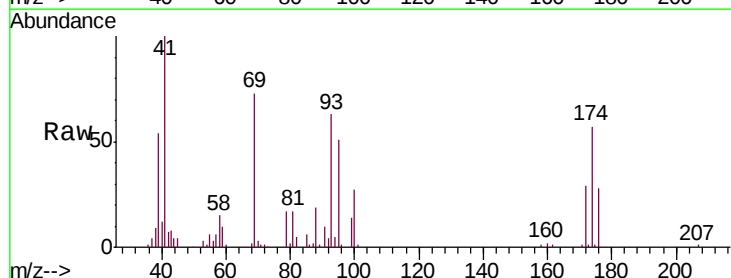
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

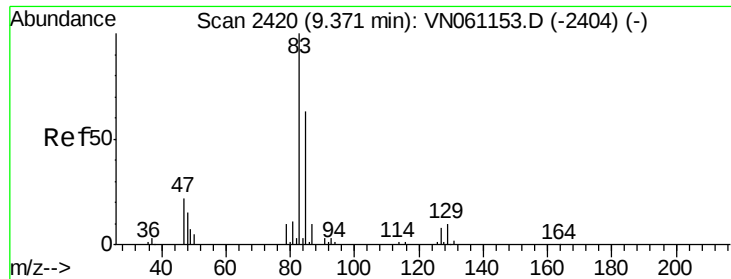
Tgt Ion: 63 Resp: 93443
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1



#46
 Dibromomethane
 Concen: 50.530 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 93 Resp: 54218
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 99.8
 174 91.2 70.2 105.2





#47

Bromodichloromethane

Concen: 50.120 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

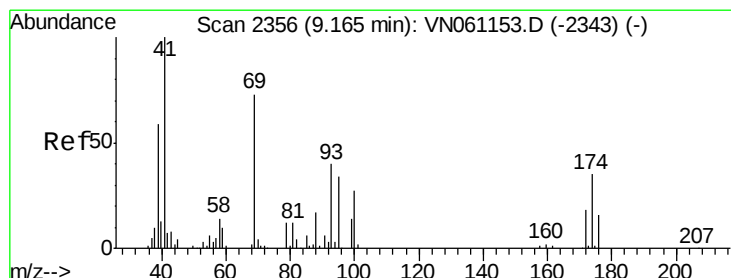
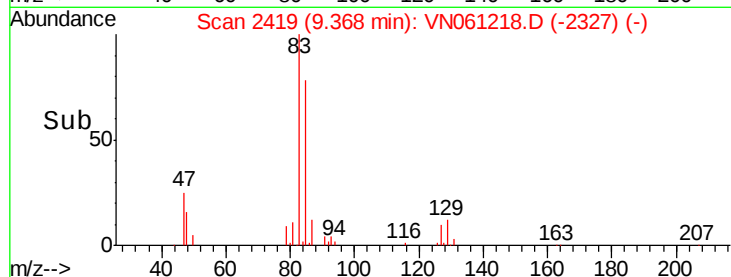
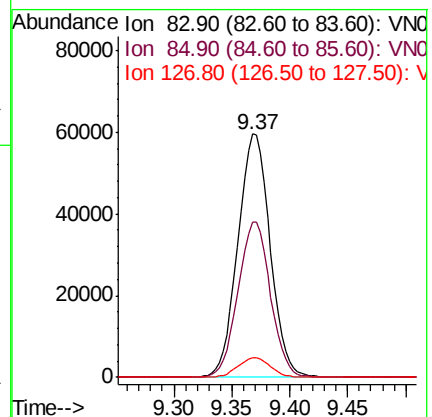
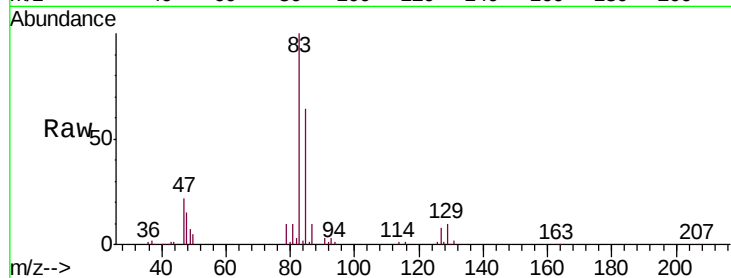
Tgt Ion: 83 Resp: 115429

Ion Ratio Lower Upper

83 100

85 63.7 50.4 75.6

127 8.1 6.2 9.2



#48

Methyl methacrylate

Concen: 54.167 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

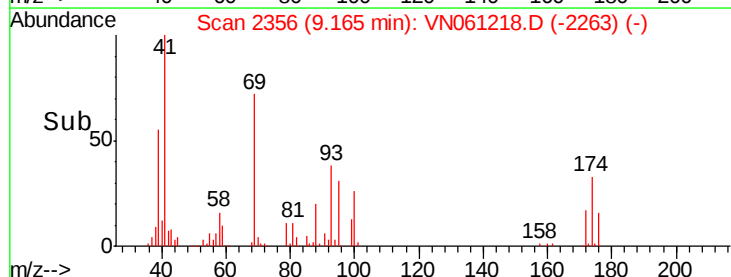
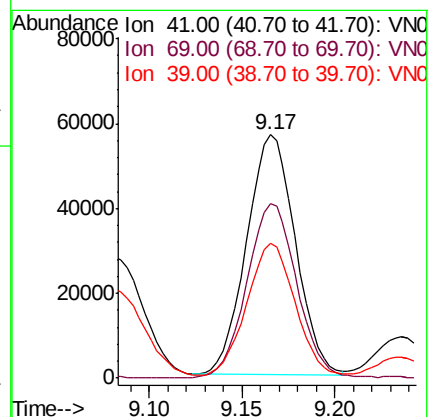
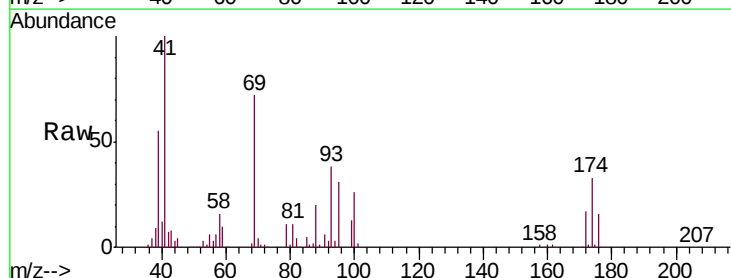
Tgt Ion: 41 Resp: 103542

Ion Ratio Lower Upper

41 100

69 74.2 60.3 90.5

39 56.5 47.4 71.0

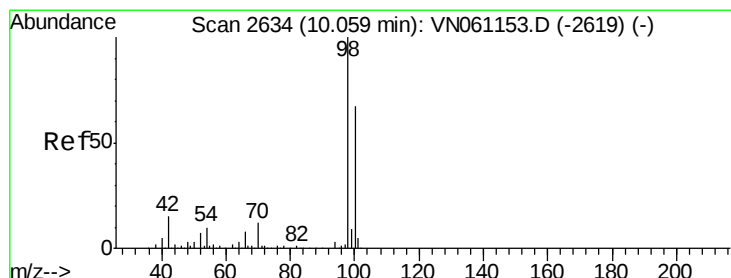
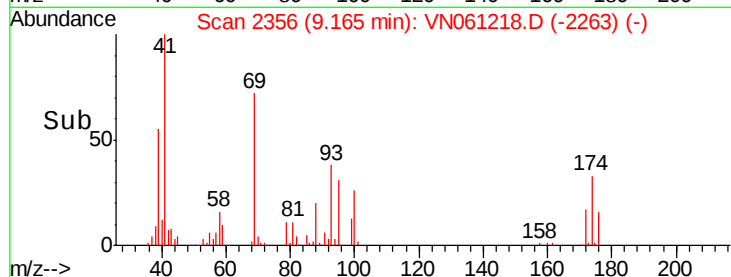
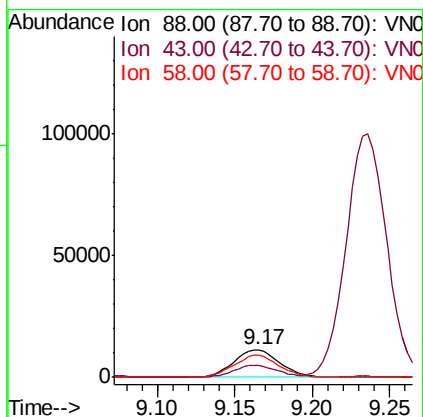
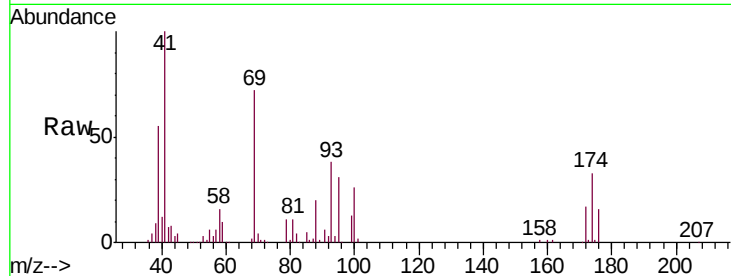




#49
 1,4-Dioxane
 Concen: 1078.703 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

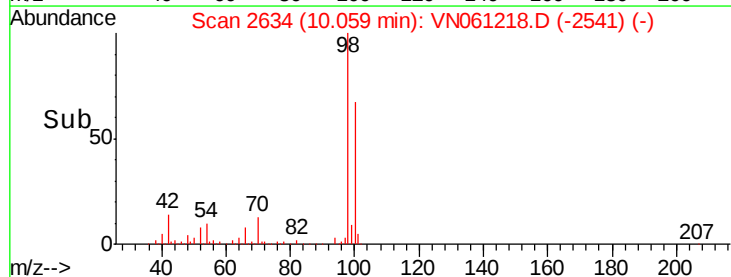
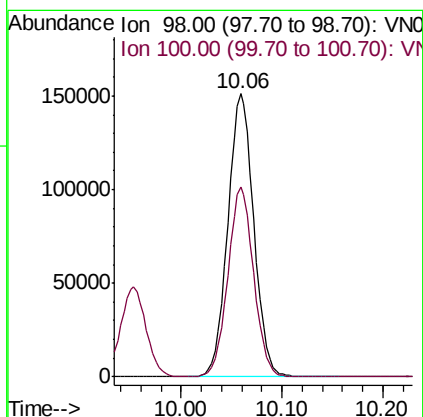
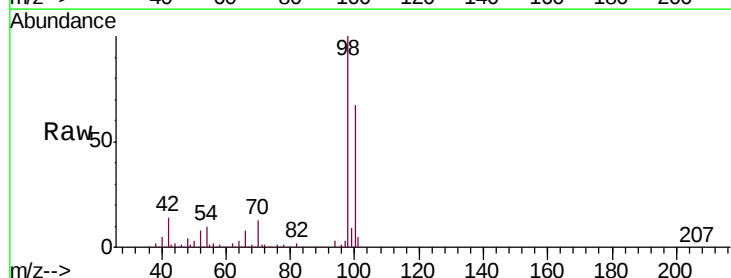
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

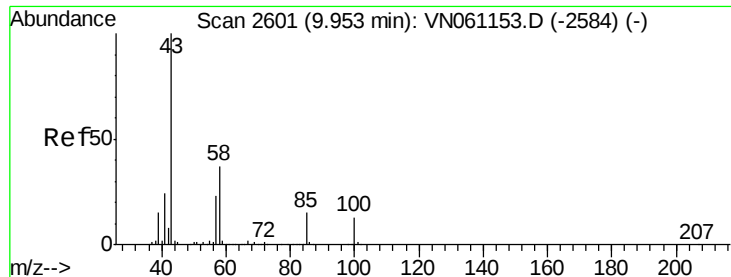
Tgt Ion: 88 Resp: 23406
 Ion Ratio Lower Upper
 88 100
 43 42.0 35.3 52.9
 58 78.1 61.5 92.3



#50
 Toluene-d8
 Concen: 51.728 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 98 Resp: 271203
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 277.002 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

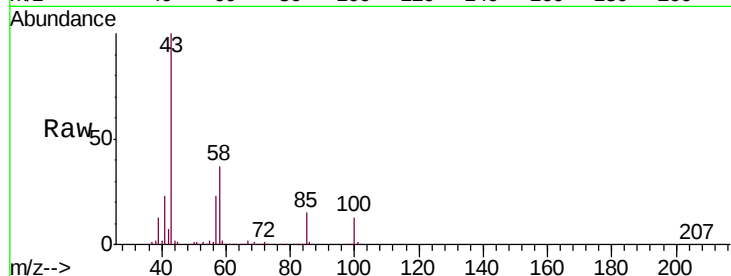
VSTDCCC050EC

Tgt Ion: 43 Resp: 690683

Ion Ratio Lower Upper

43 100

58 36.6 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

400000

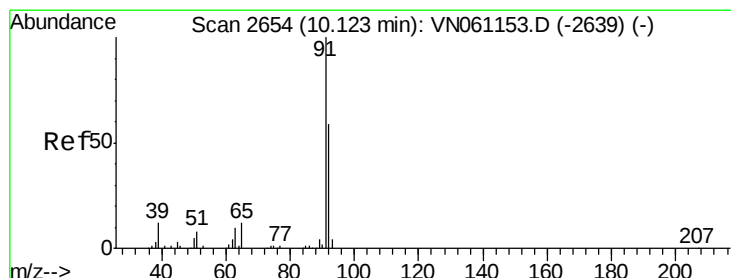
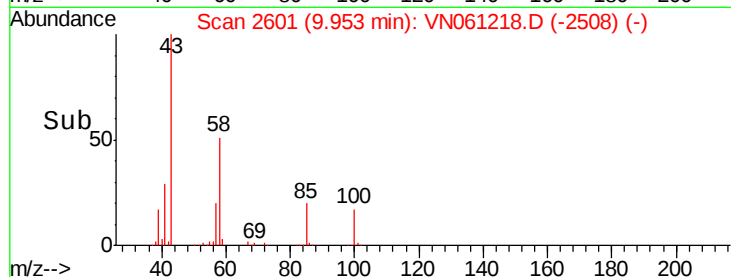
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.917 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061218.D

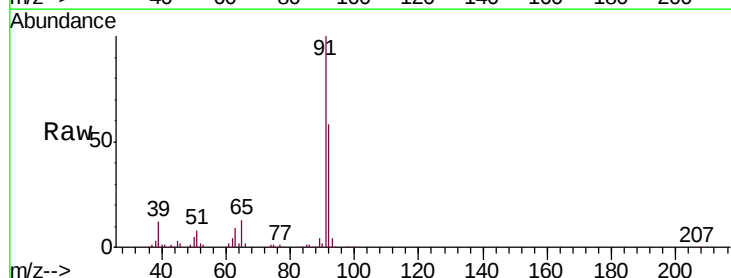
Acq: 30 Apr 2020 21:44

Tgt Ion: 92 Resp: 198936

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

200000

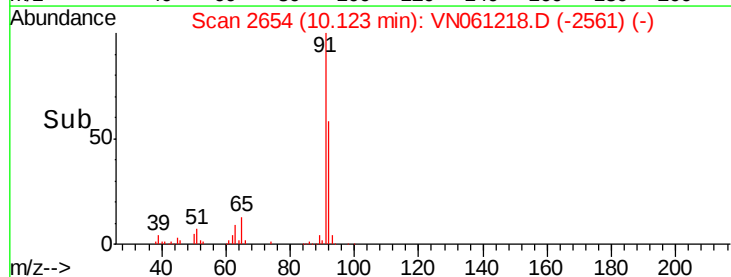
150000

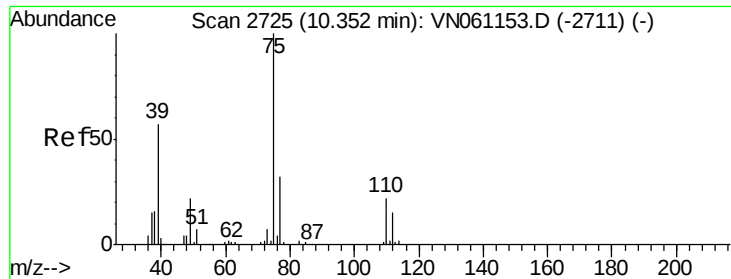
100000

50000

0

Time-->

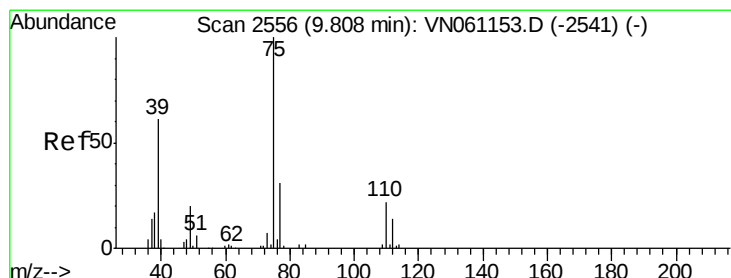
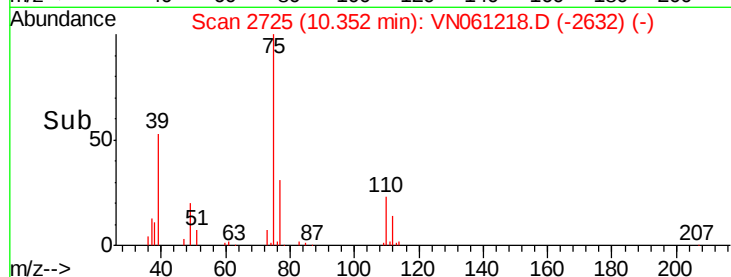
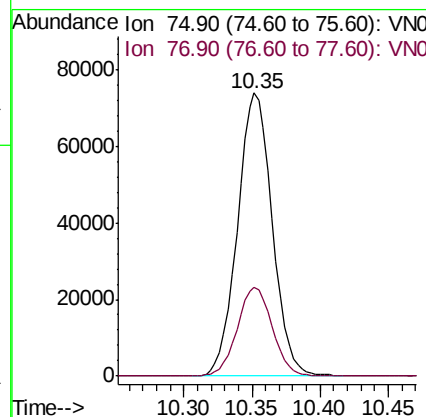
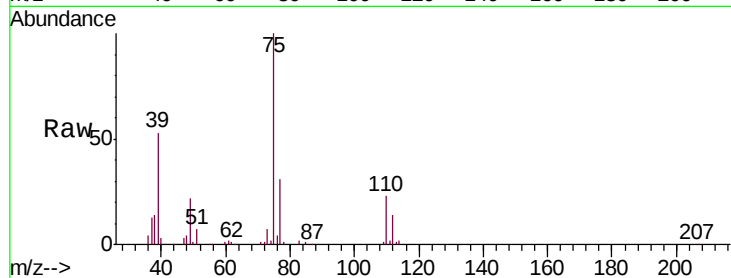




#53
t-1,3-Dichloropropene
Concen: 50.241 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

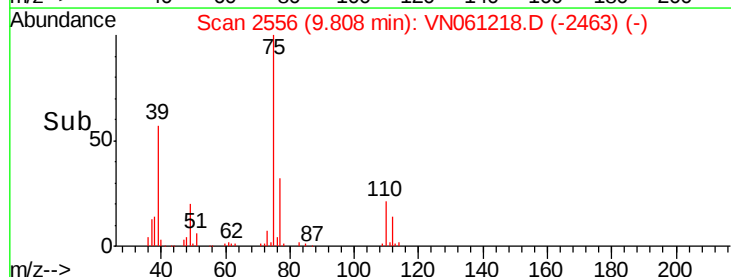
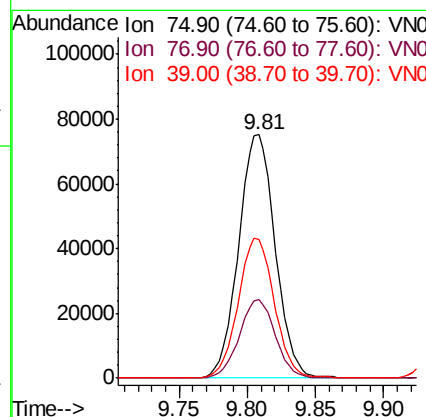
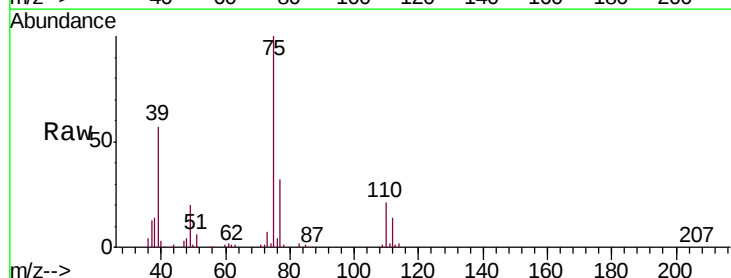
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 130377
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 51.101 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 75 Resp: 140195
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 56.8 48.7 73.1

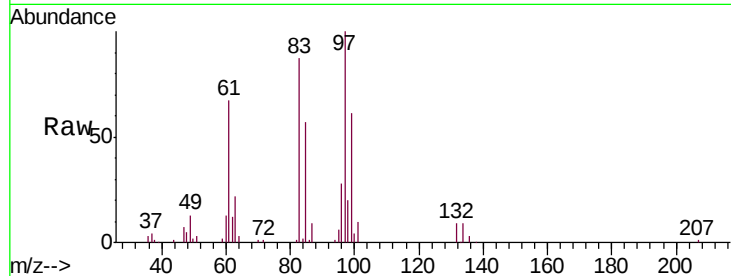




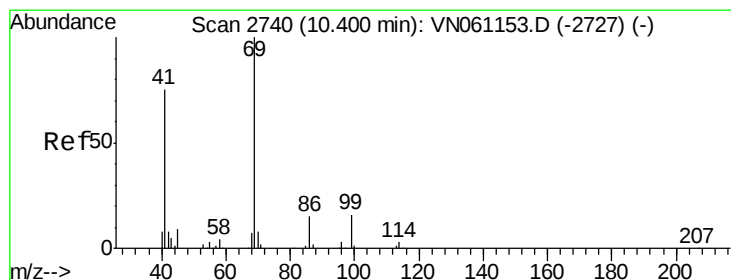
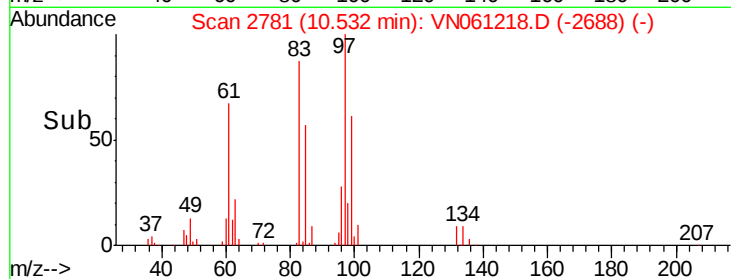
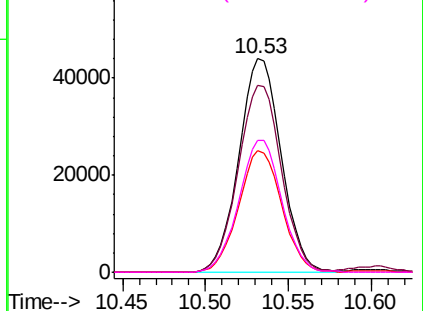
#55
 1,1,2-Trichloroethane
 Concen: 50.217 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	78259
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.6	106.0
85	57.0	46.4	69.6
99	61.5	50.6	75.8

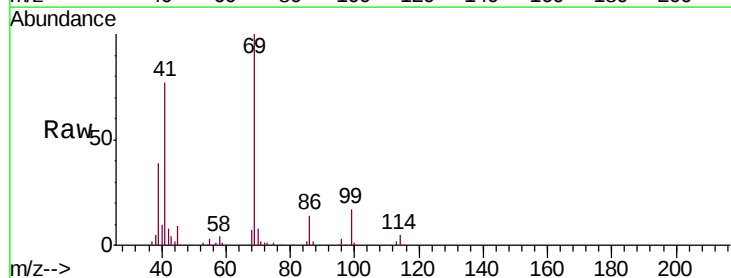


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

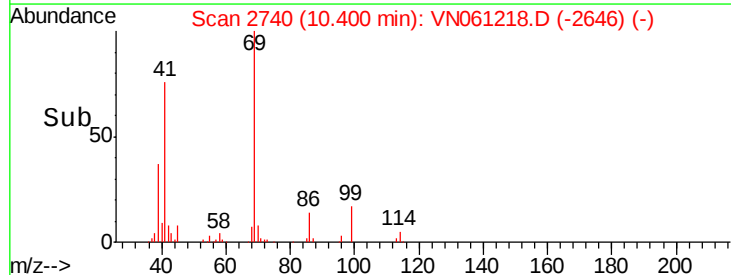
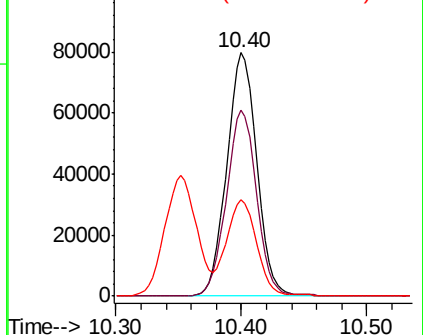


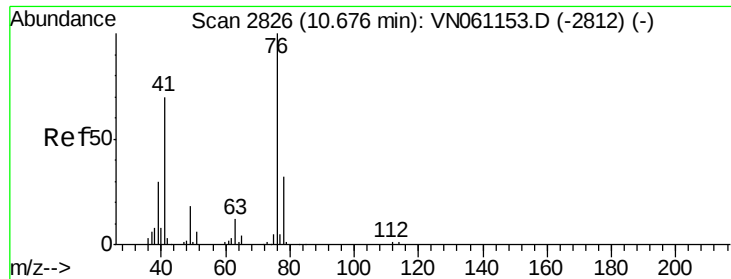
#56
 Ethyl methacrylate
 Concen: 48.723 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion:	69	Resp:	132113
Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.3	90.5
39	39.5	35.9	53.9



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

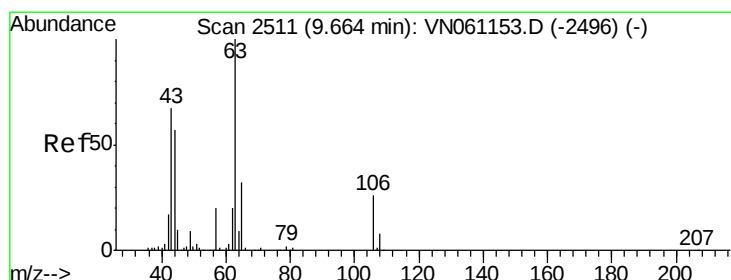
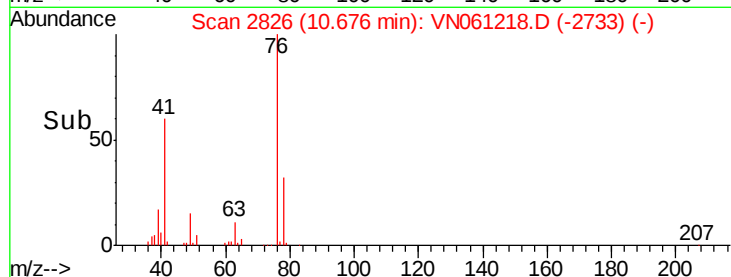
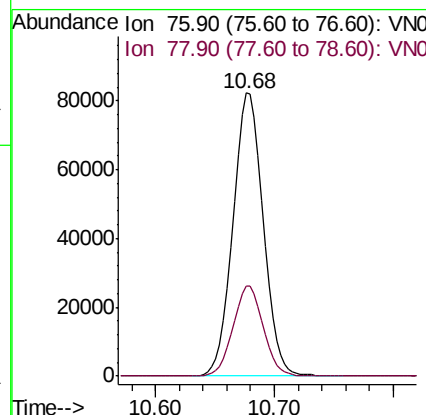
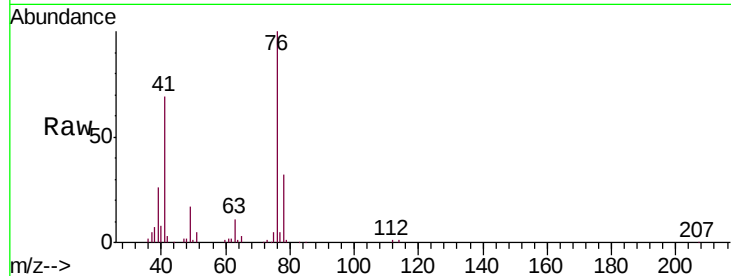




#57
 1,3-Dichloropropane
 Concen: 52.876 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

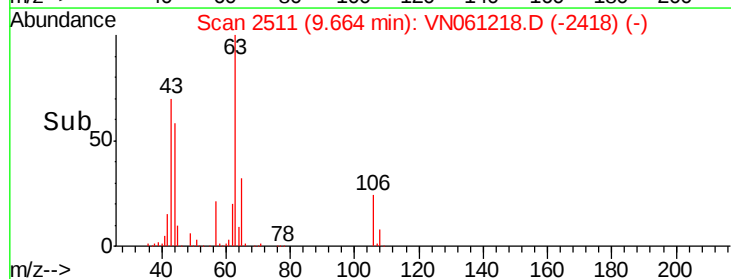
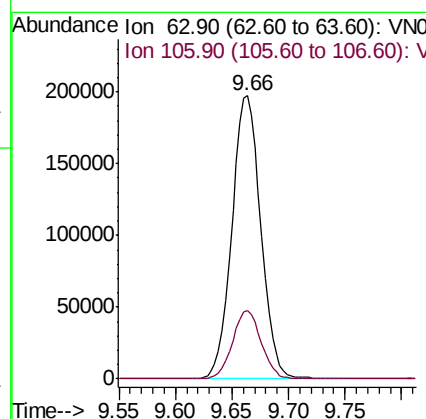
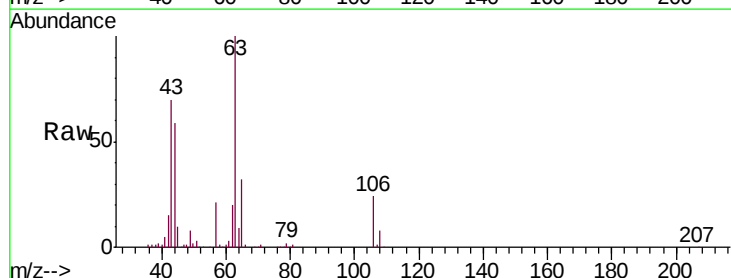
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

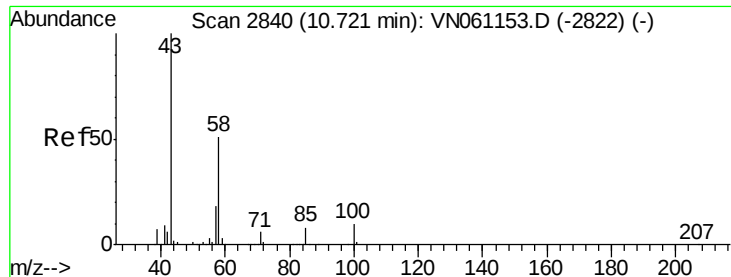
Tgt Ion: 76 Resp: 144843
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.591 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 63 Resp: 350165
 Ion Ratio Lower Upper
 63 100
 106 24.1 20.6 30.8

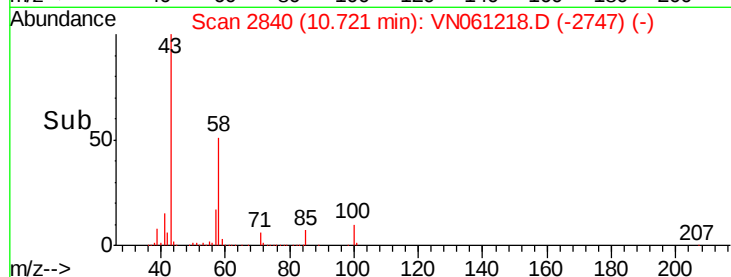
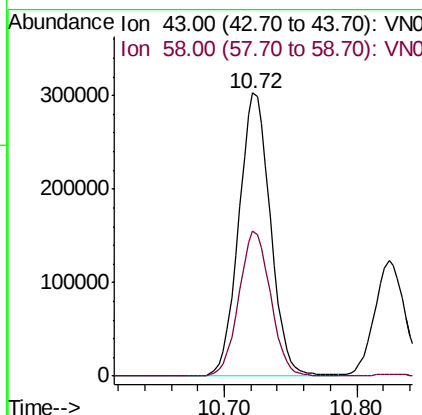
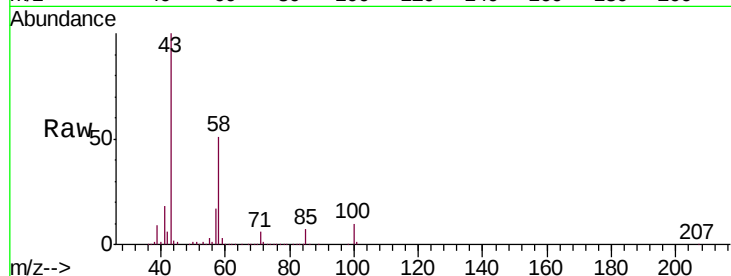




#59
2-Hexanone
Concen: 276.524 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

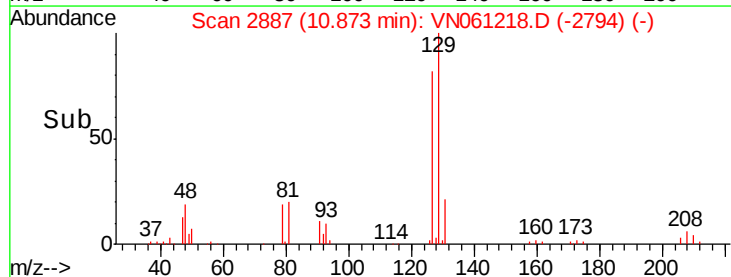
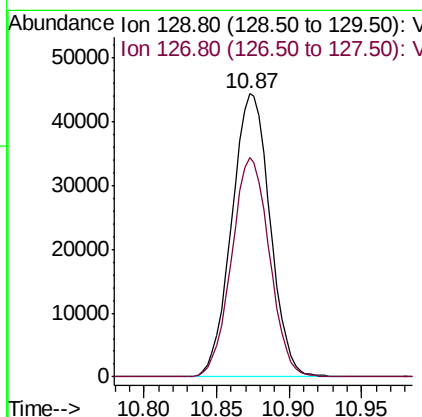
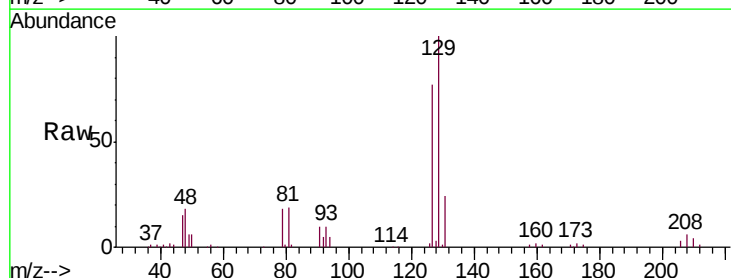
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

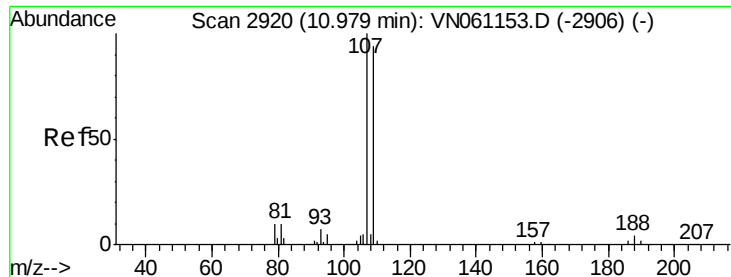
Tgt Ion: 43 Resp: 501618
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.4



#60
Dibromochloromethane
Concen: 49.873 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 129 Resp: 81402
Ion Ratio Lower Upper
129 100
127 76.5 39.3 117.8

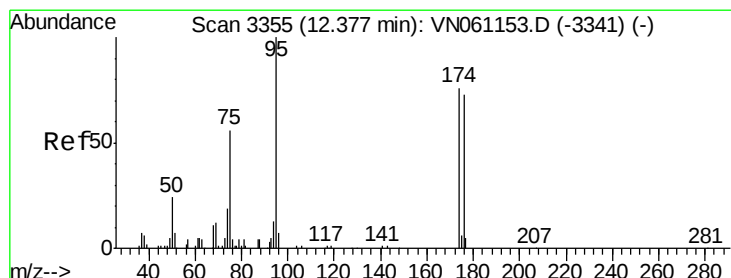
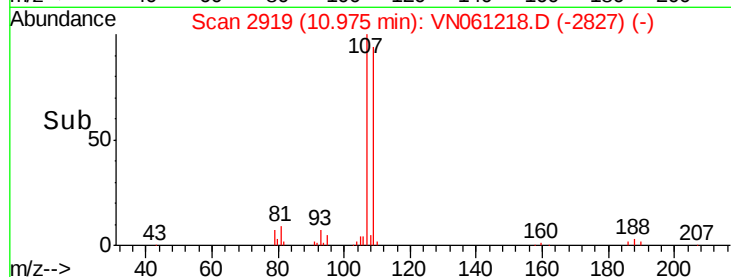
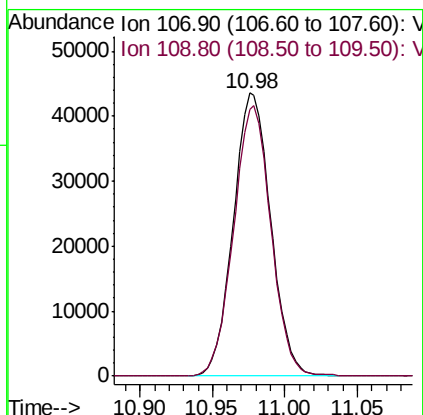
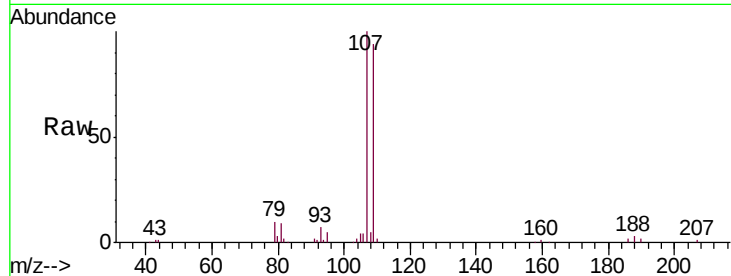




#61
 1,2-Dibromoethane
 Concen: 49.944 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

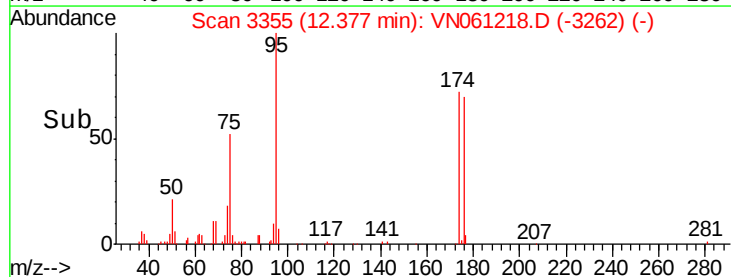
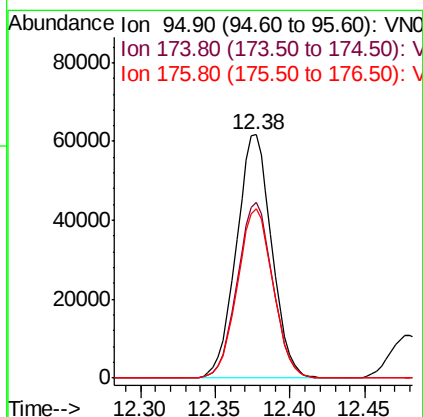
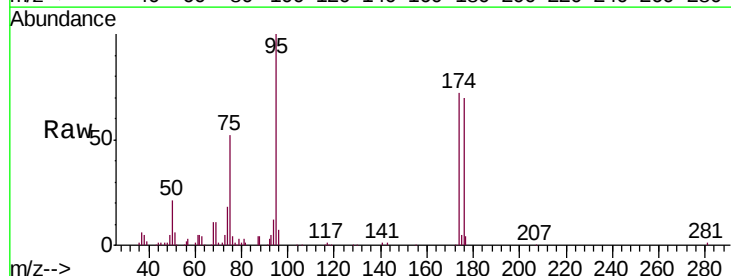
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

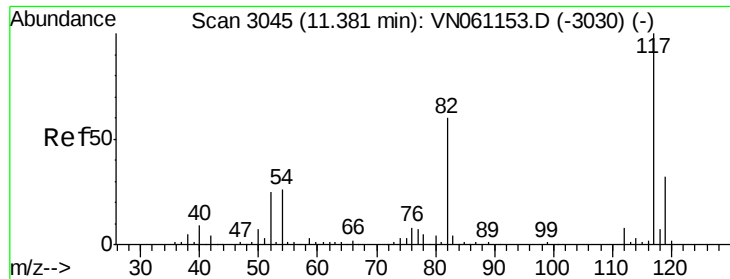
Tgt Ion: 107 Resp: 78011
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.492 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion: 95 Resp: 101591
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 149.4
 176 70.2 0.0 144.8

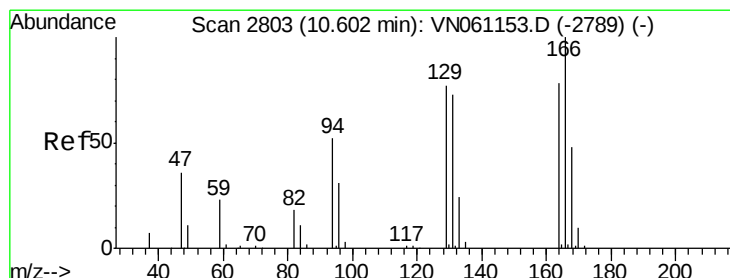
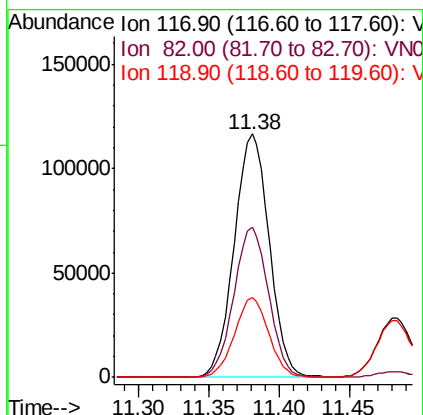
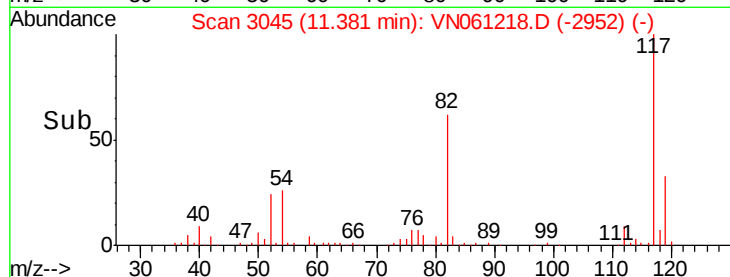
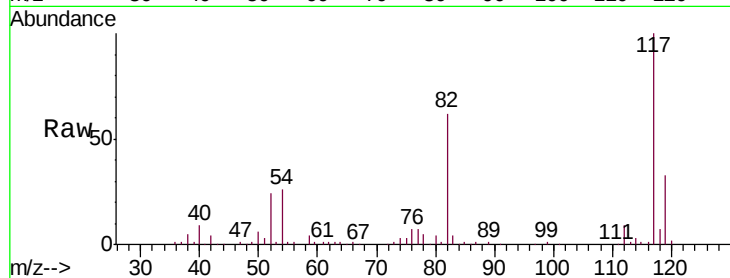




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

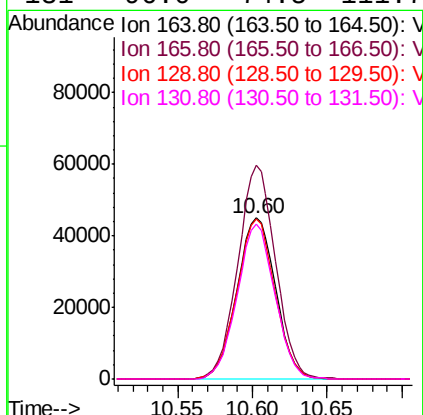
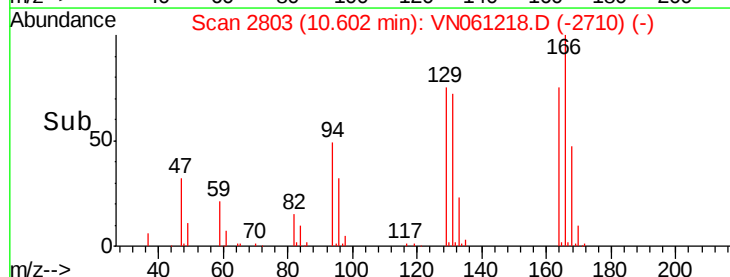
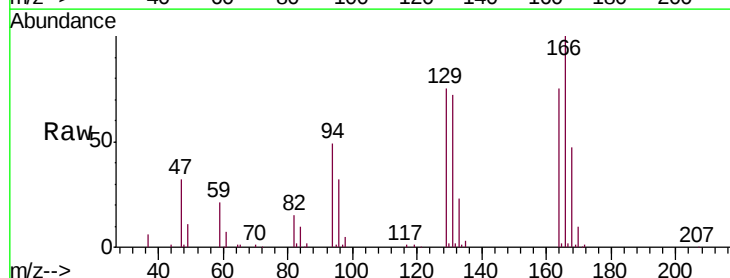
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

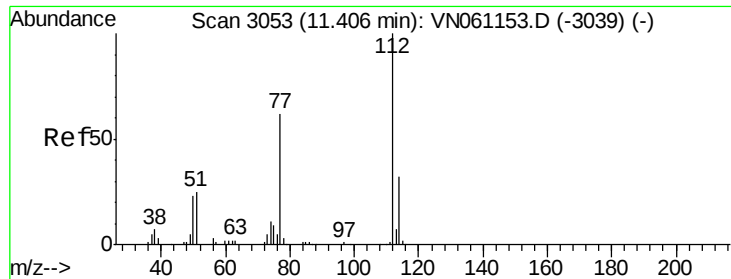
Tgt Ion:117 Resp: 203645
Ion Ratio Lower Upper
117 100
82 61.6 47.8 71.8
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 45.974 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion:164 Resp: 81089
Ion Ratio Lower Upper
164 100
166 132.6 102.0 153.0
129 99.2 78.2 117.2
131 96.0 74.5 111.7





#65

Chlorobenzene

Concen: 50.072 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

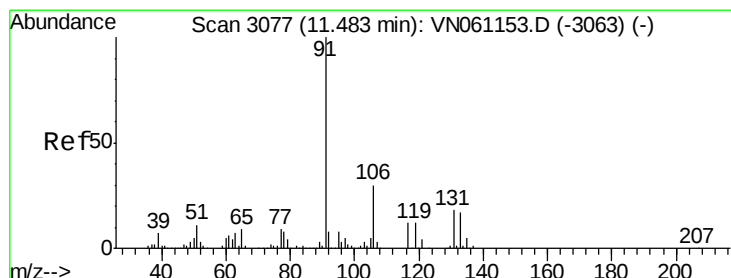
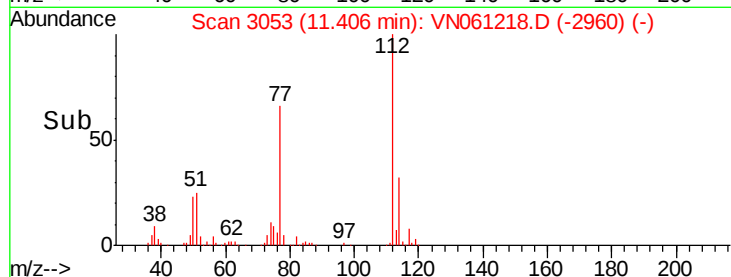
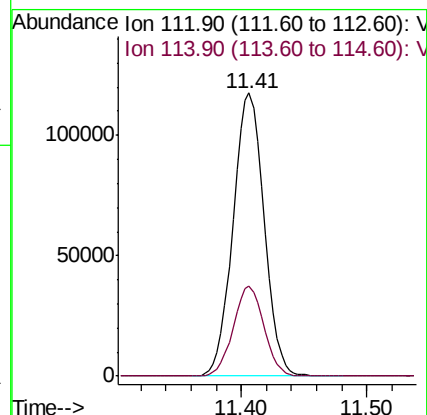
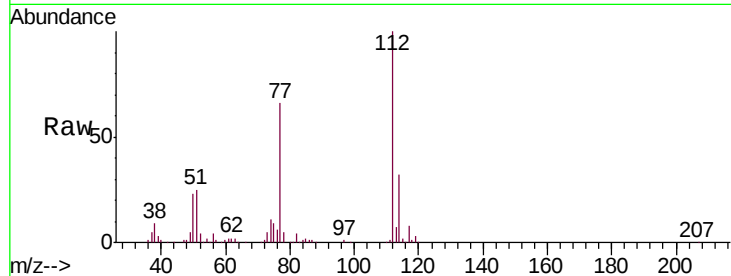
VSTDCCC050EC

Tgt Ion:112 Resp: 202275

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 50.639 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

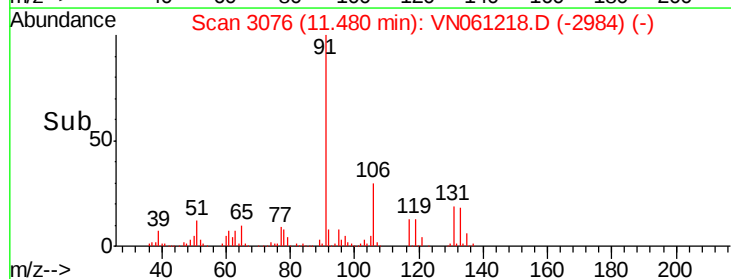
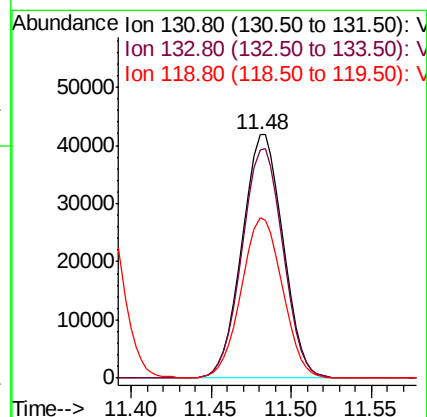
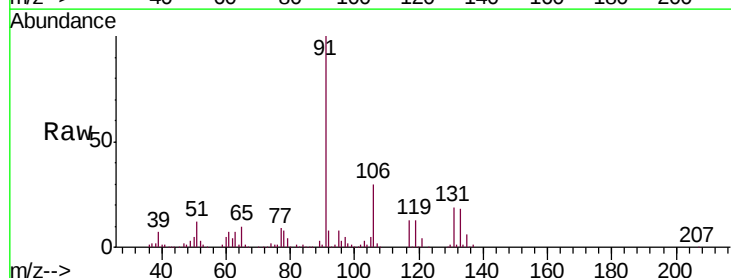
Tgt Ion:131 Resp: 73215

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 66.2 32.6 97.8





#67

Ethyl Benzene

Concen: 50.901 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

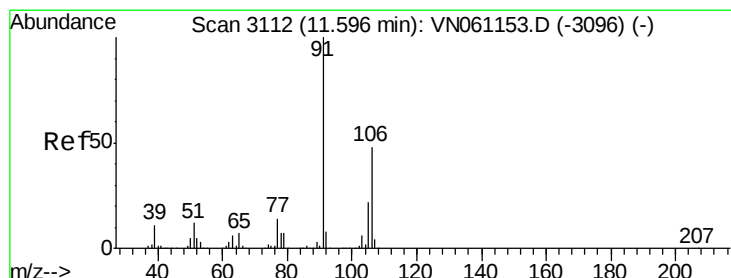
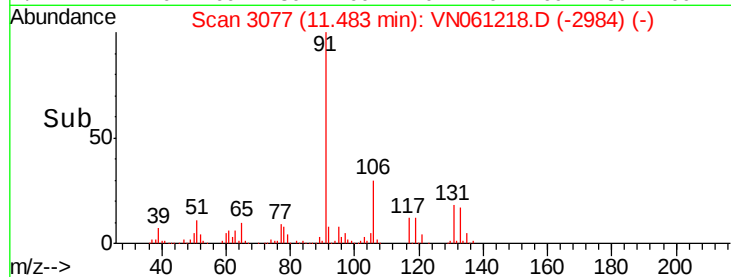
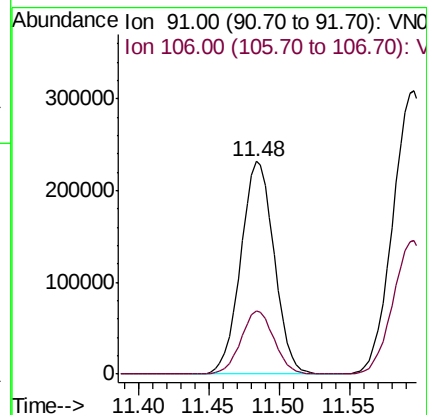
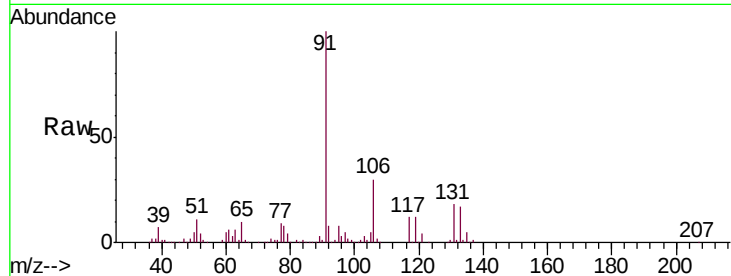
VSTDCCC050EC

Tgt Ion: 91 Resp: 384923

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 100.989 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061218.D

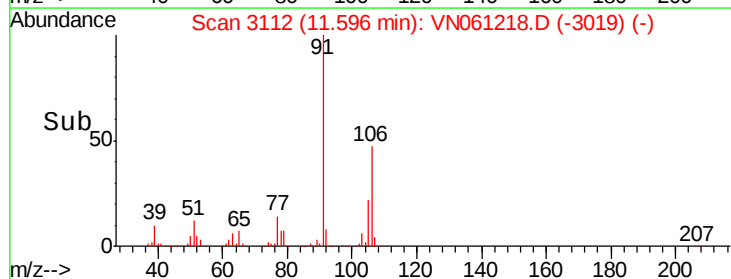
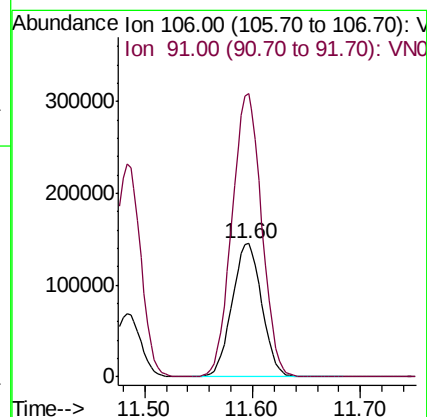
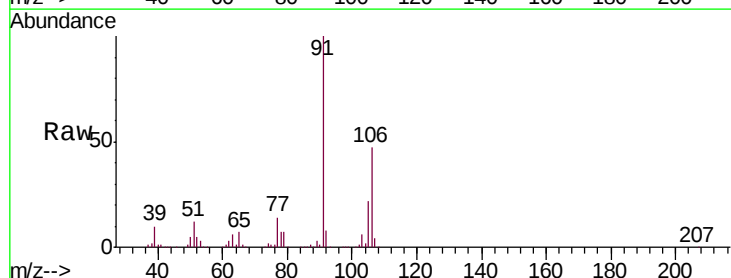
Acq: 30 Apr 2020 21:44

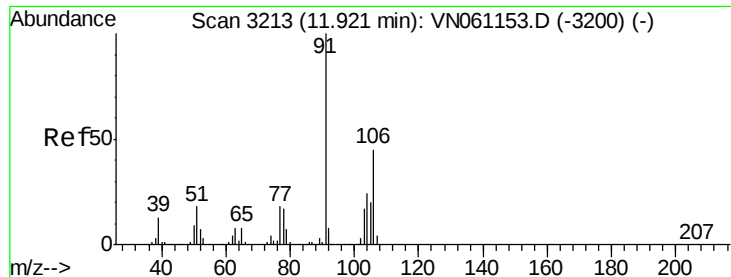
Tgt Ion: 106 Resp: 279536

Ion Ratio Lower Upper

106 100

91 212.3 166.4 249.6

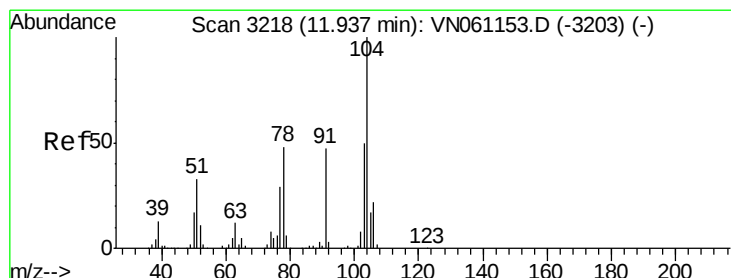
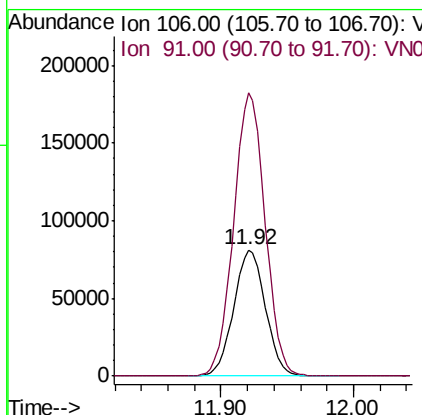
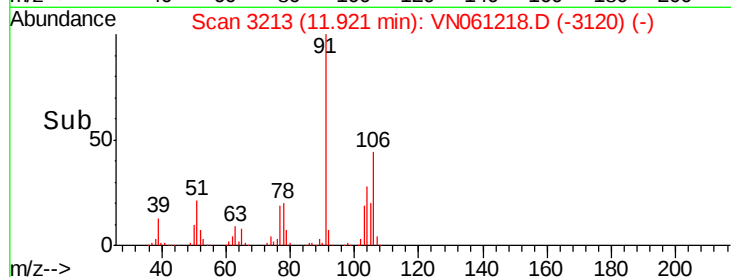
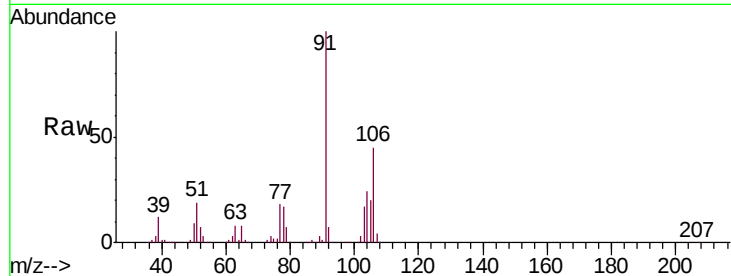




#69
o-Xylene
Concen: 50.553 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

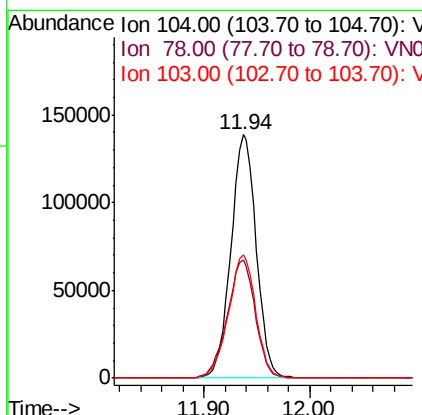
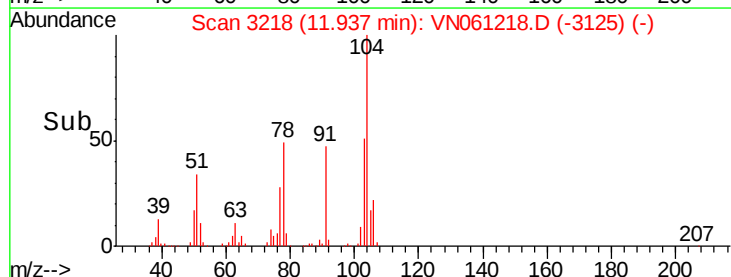
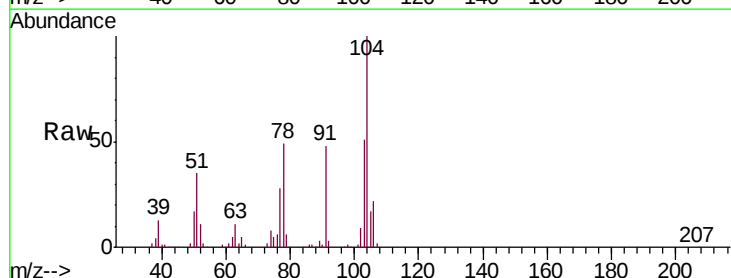
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

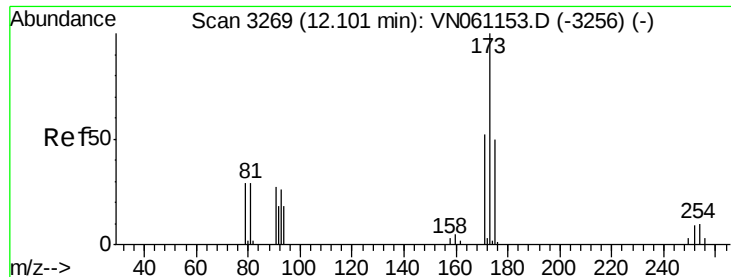
Tgt Ion:106 Resp: 134412
Ion Ratio Lower Upper
106 100
91 223.0 109.7 329.0



#70
Styrene
Concen: 51.809 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion:104 Resp: 230552
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 54.6 43.3 64.9





#71

Bromoform

Concen: 51.574 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

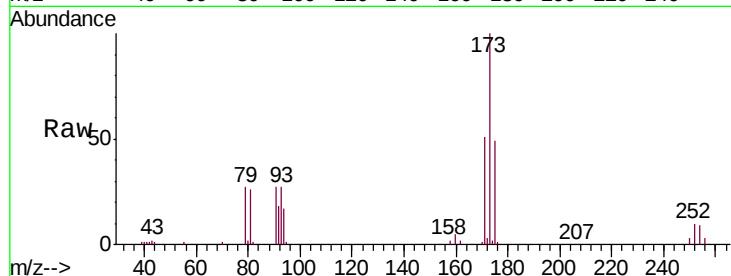
Tgt Ion:173 Resp: 54803

Ion Ratio Lower Upper

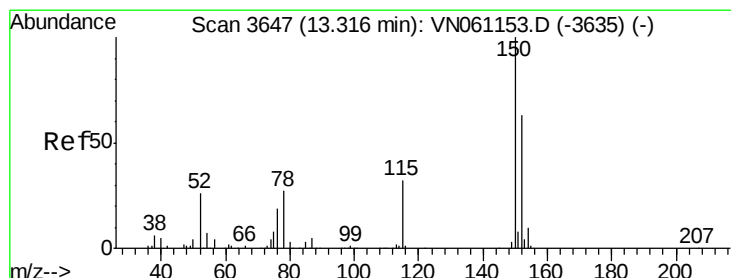
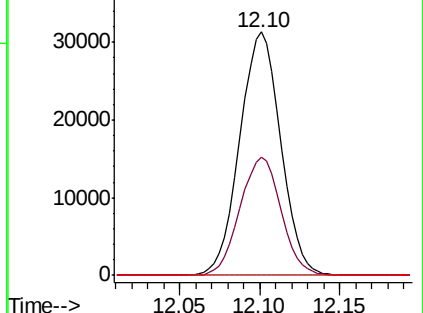
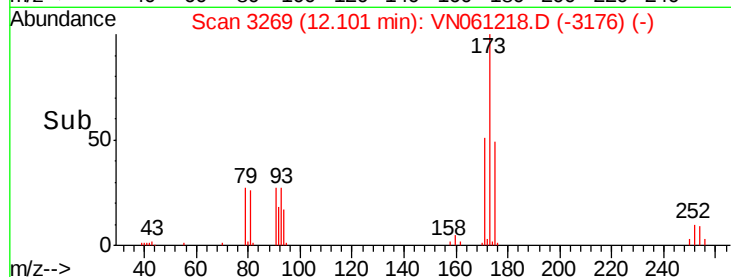
173 100

175 48.6 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

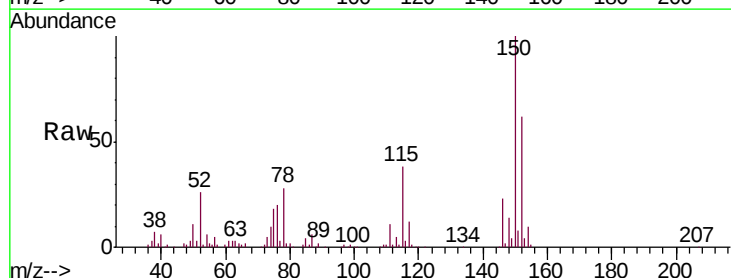
Tgt Ion:152 Resp: 97218

Ion Ratio Lower Upper

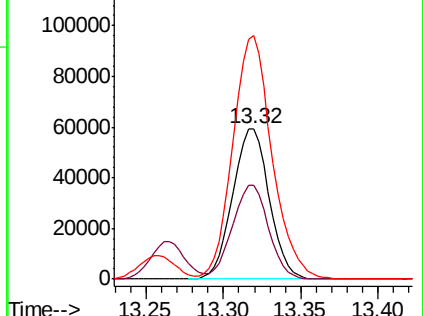
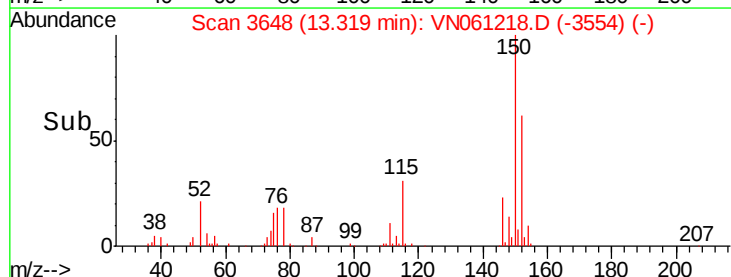
152 100

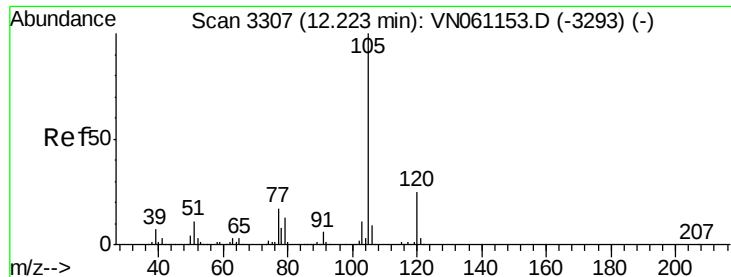
115 61.9 31.0 93.0

150 174.1 0.0 351.8



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: 51.365 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

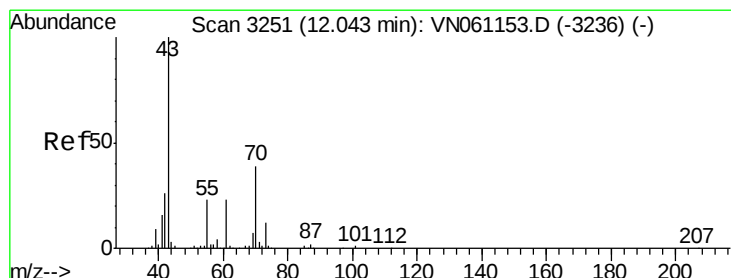
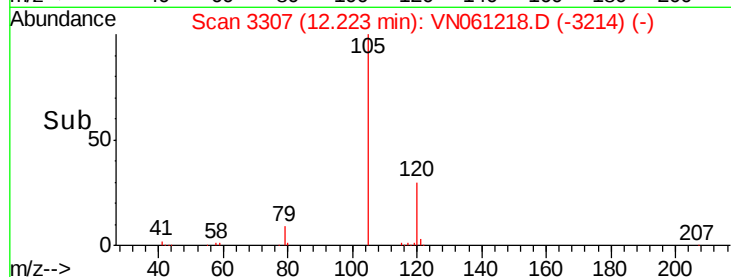
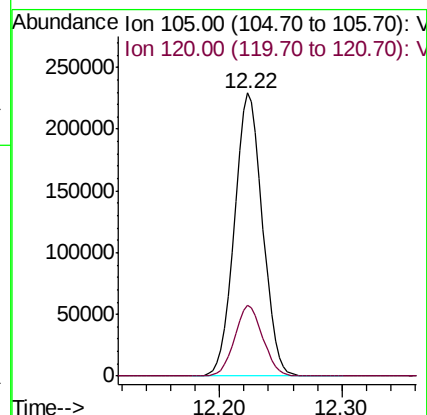
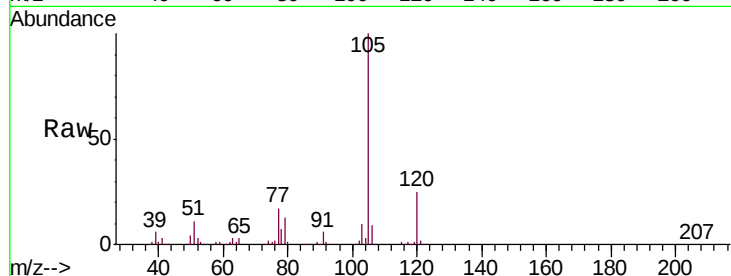
VSTDCCC050EC

Tgt Ion: 105 Resp: 367105

Ion Ratio Lower Upper

105 100

120 24.9 12.6 37.8



#74

N-ethyl acetate

Concen: 54.465 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Tgt Ion: 43 Resp: 197114

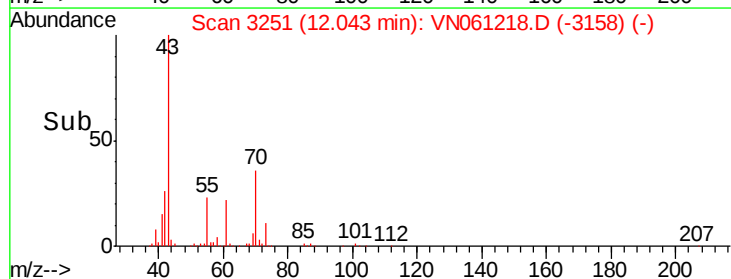
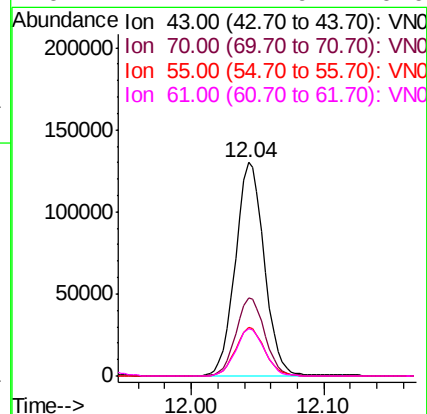
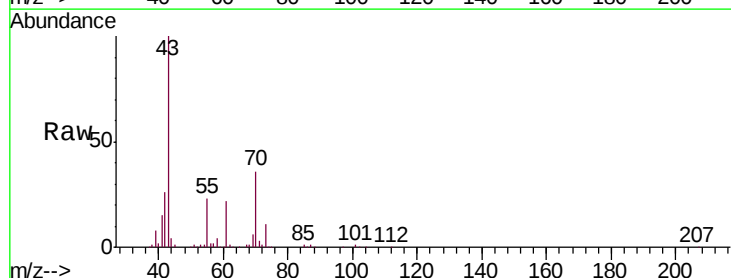
Ion Ratio Lower Upper

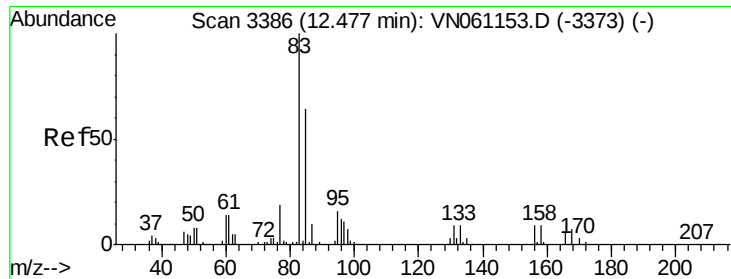
43 100

70 36.7 30.6 46.0

55 22.9 18.5 27.7

61 22.2 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.301 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

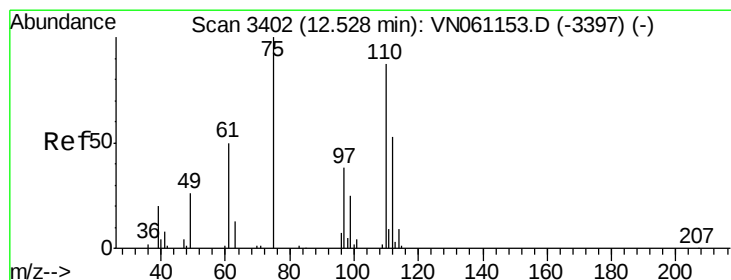
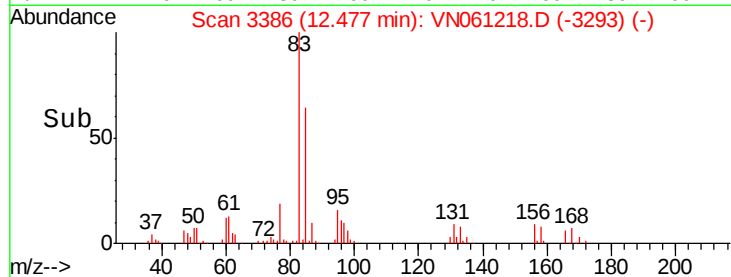
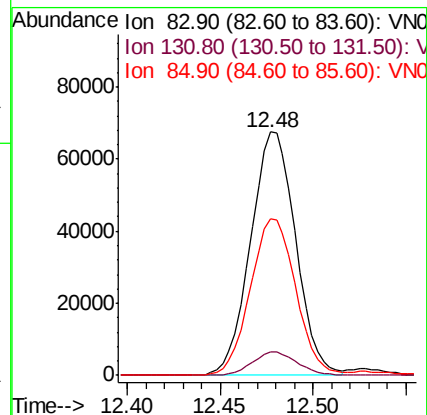
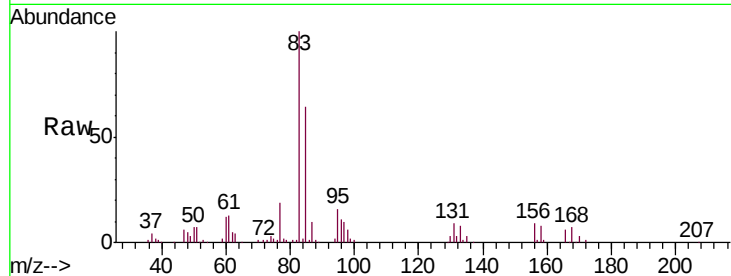
Tgt Ion: 83 Resp: 114326

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 76.852 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061218.D

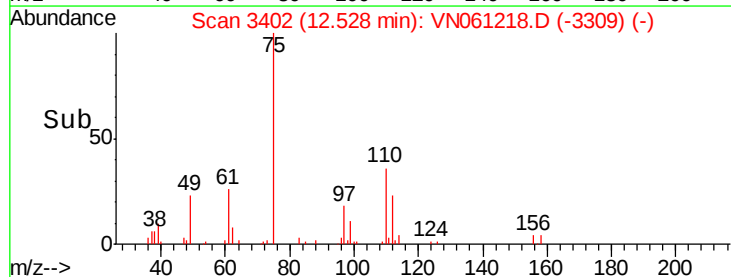
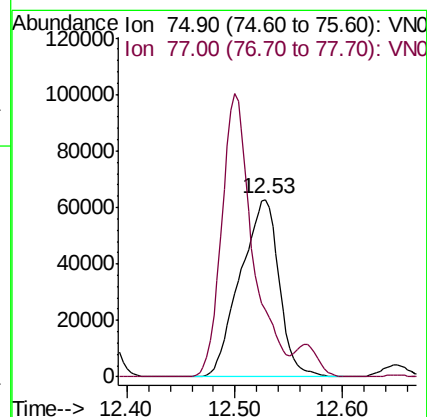
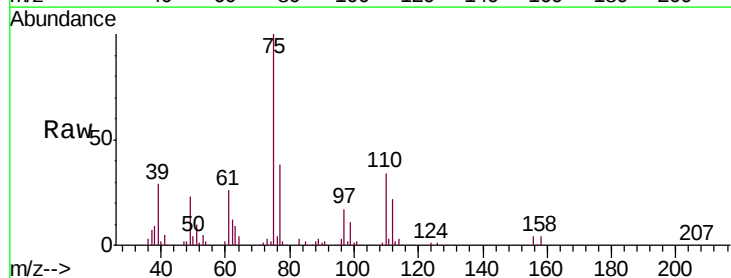
Acq: 30 Apr 2020 21:44

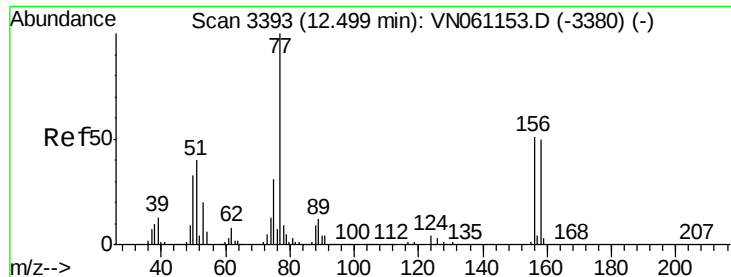
Tgt Ion: 75 Resp: 157517

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.377 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

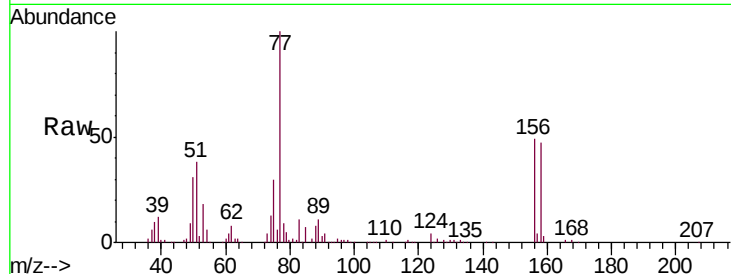
Tgt Ion:156 Resp: 83114

Ion Ratio Lower Upper

156 100

77 242.3 117.4 352.2

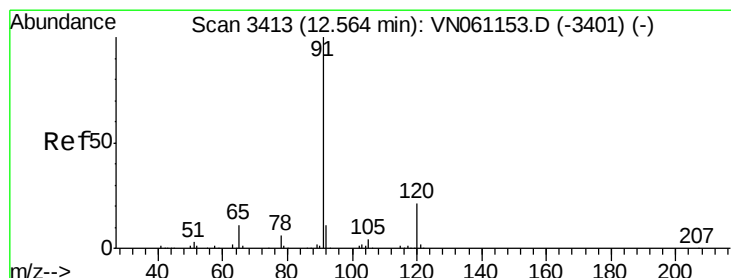
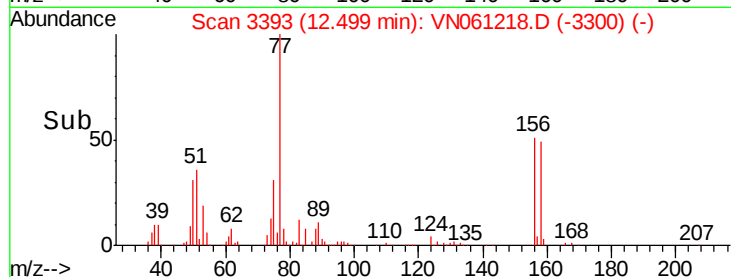
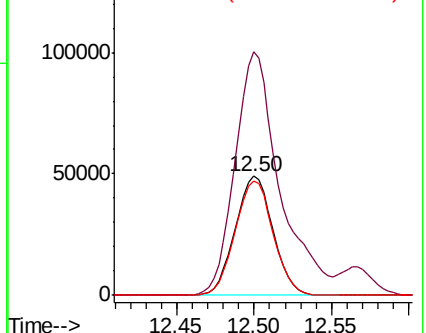
158 96.5 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.437 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061218.D

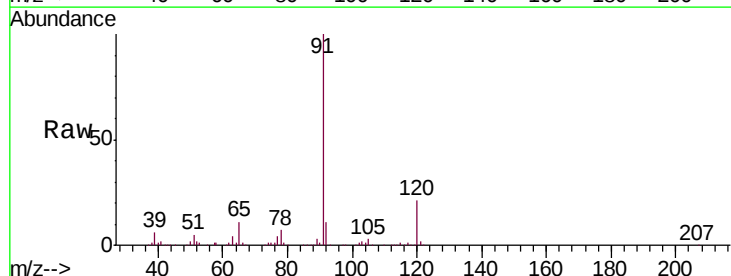
Acq: 30 Apr 2020 21:44

Tgt Ion: 91 Resp: 436039

Ion Ratio Lower Upper

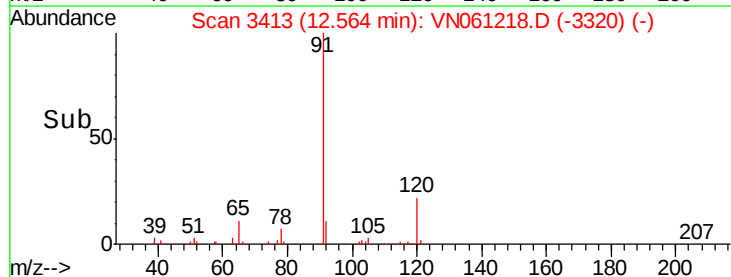
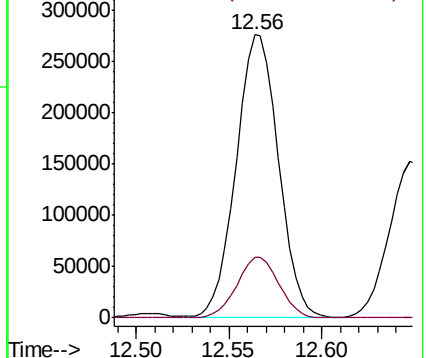
91 100

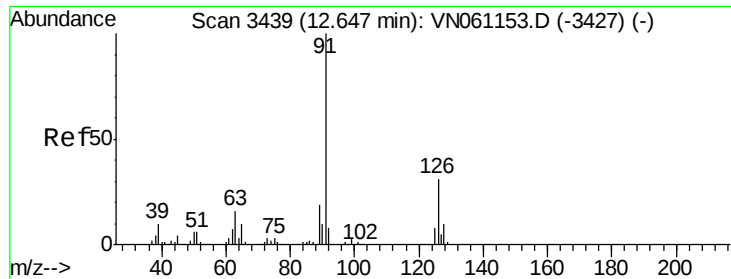
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.185 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

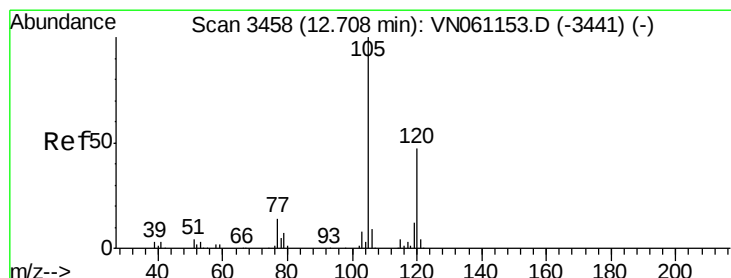
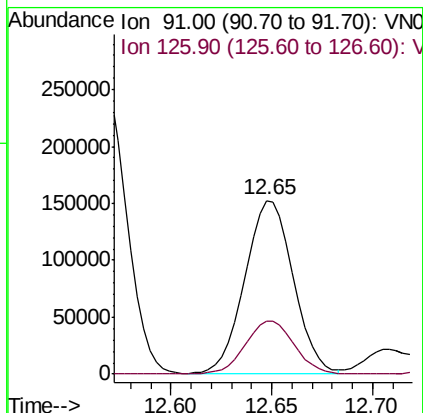
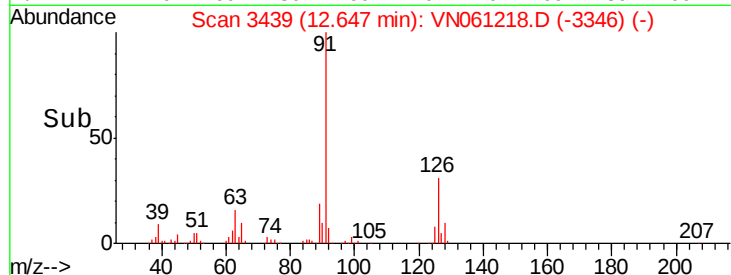
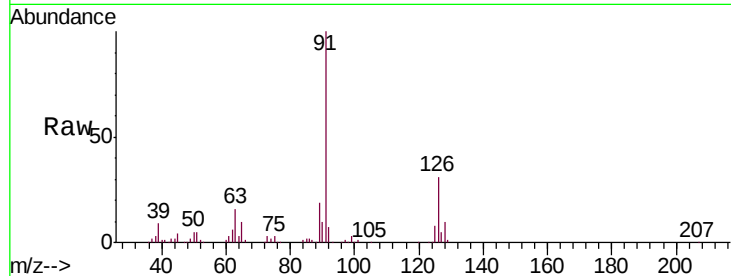
VSTDCCC050EC

Tgt Ion: 91 Resp: 255034

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 52.096 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061218.D

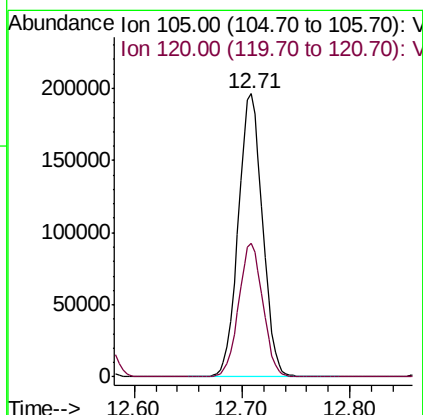
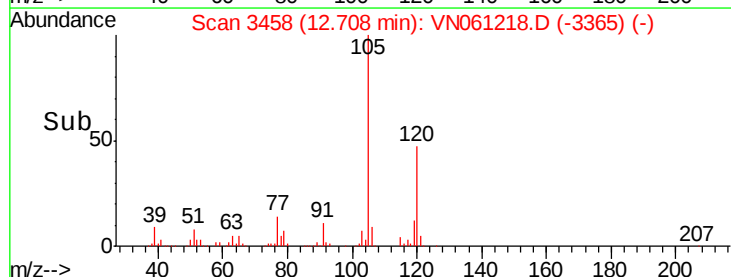
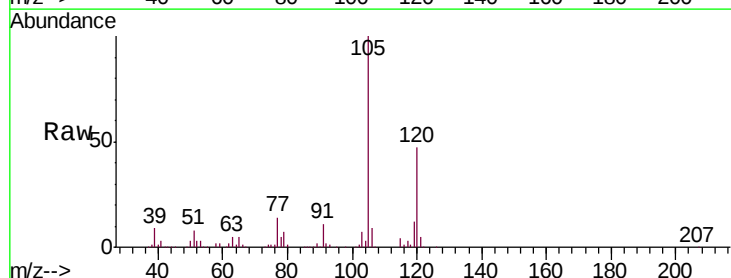
Acq: 30 Apr 2020 21:44

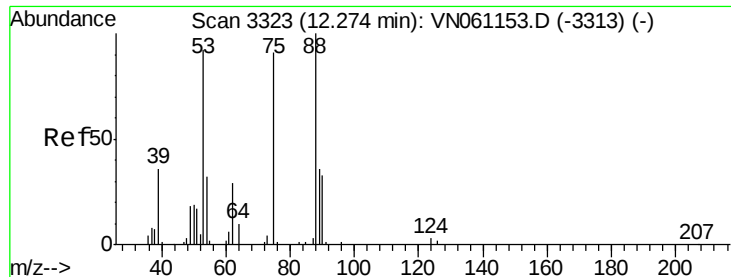
Tgt Ion: 105 Resp: 308161

Ion Ratio Lower Upper

105 100

120 47.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 50.285 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

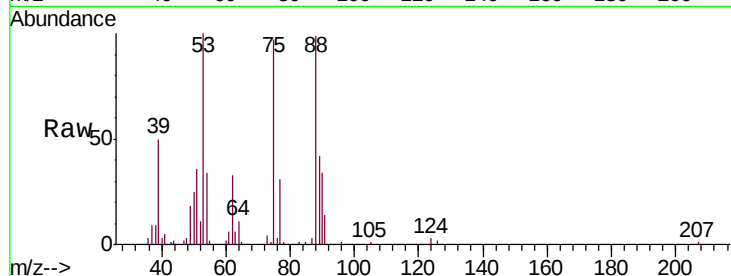
Tgt Ion: 75 Resp: 40585

Ion Ratio Lower Upper

75 100

53 104.1 84.1 126.1

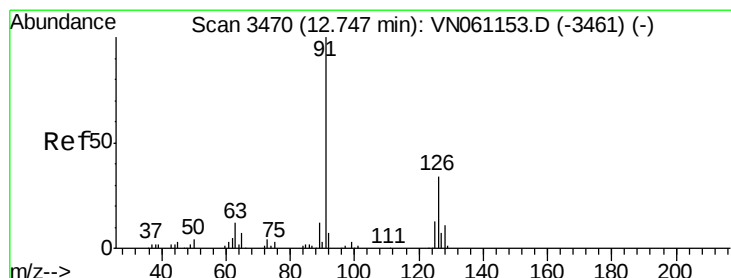
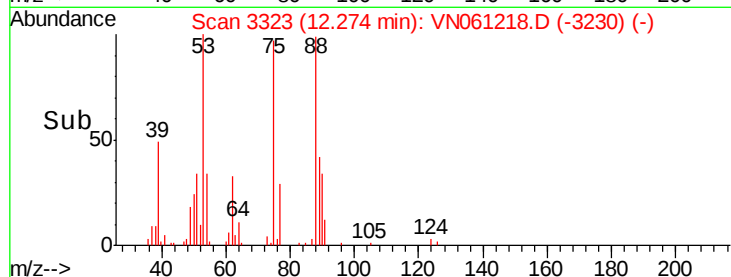
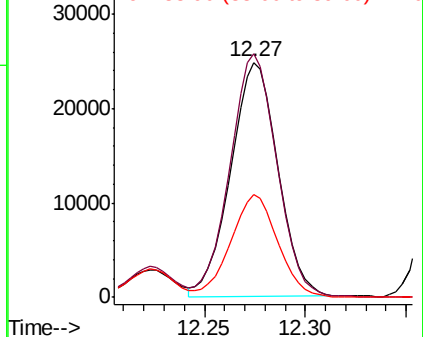
89 43.8 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3313) (-)

Ion 53.00 (52.70 to 53.70): VN061153.D (-3313) (-)

Ion 88.90 (88.60 to 89.60): VN061153.D (-3313) (-)



#82

4-Chlorotoluene

Concen: 51.283 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061218.D

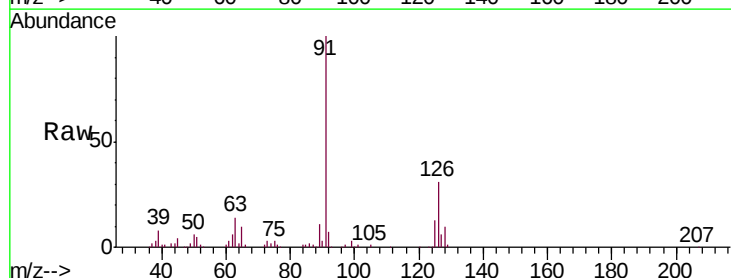
Acq: 30 Apr 2020 21:44

Tgt Ion: 91 Resp: 269315

Ion Ratio Lower Upper

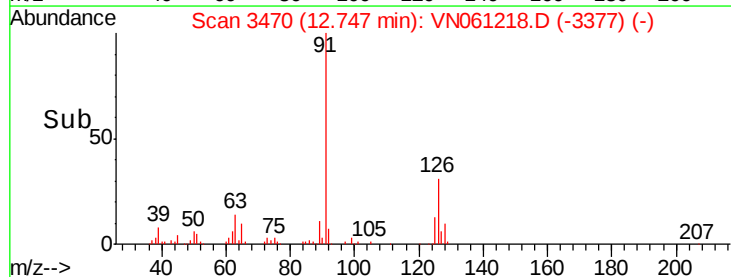
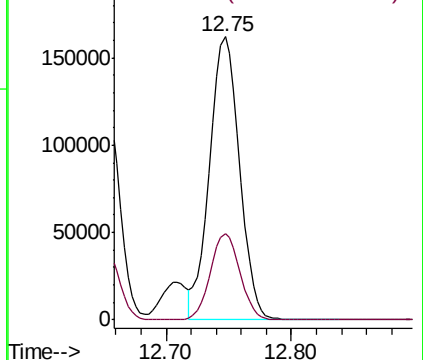
91 100

126 30.2 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

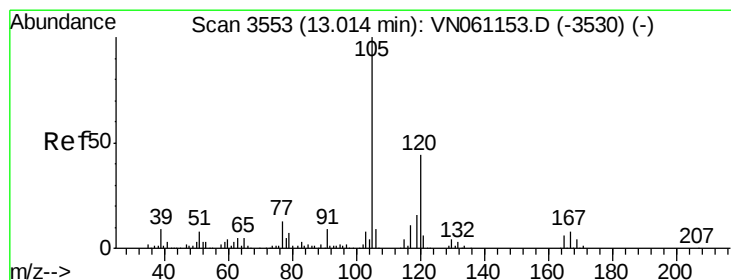
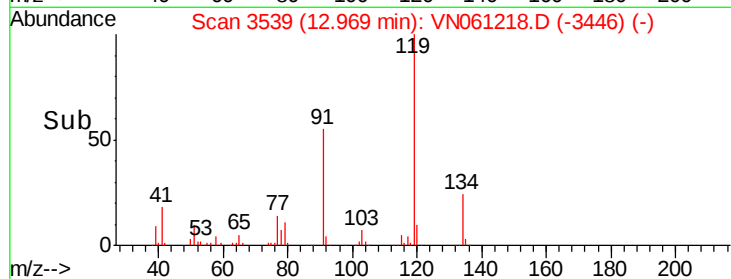
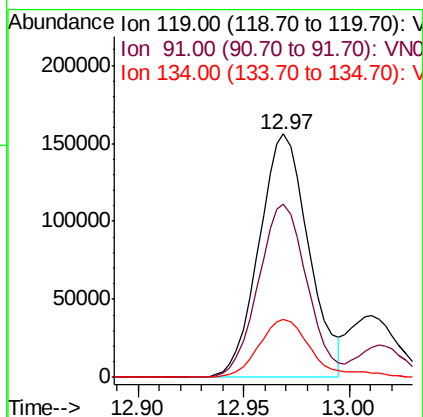
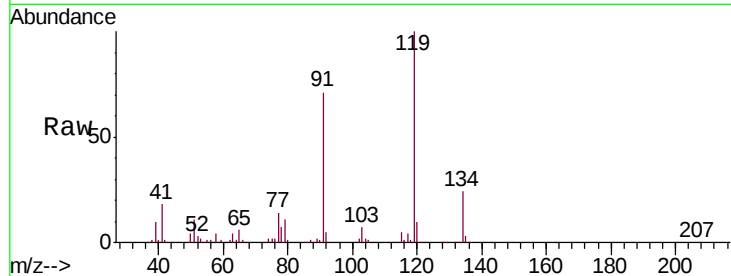




#83
 tert-Butylbenzene
 Concen: 51.235 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

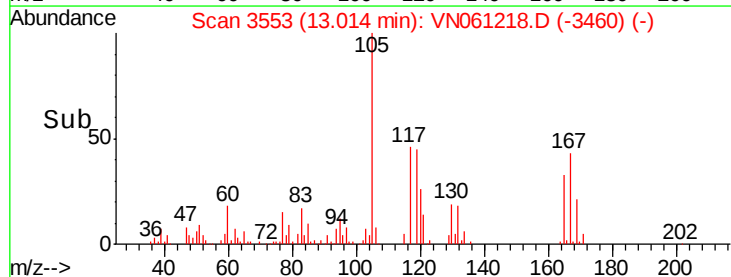
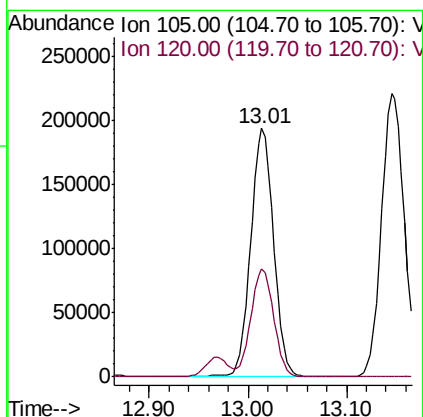
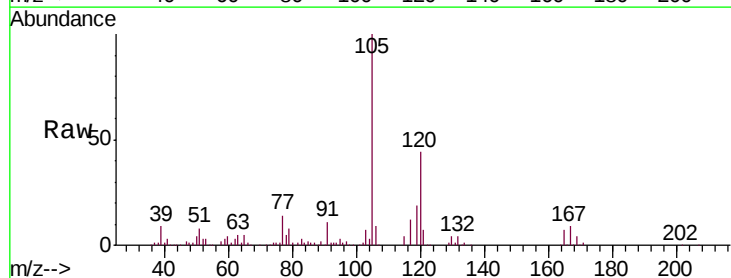
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

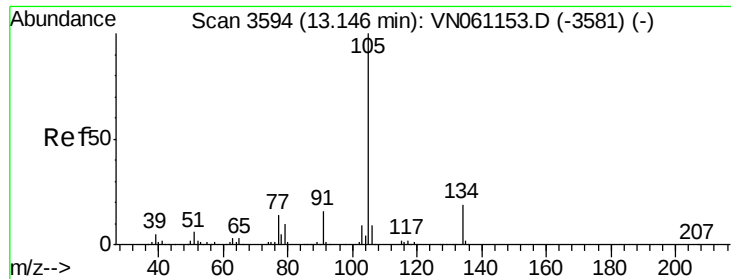
Tgt Ion:119 Resp: 255551
 Ion Ratio Lower Upper
 119 100
 91 70.0 34.8 104.4
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.750 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion:105 Resp: 309288
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6

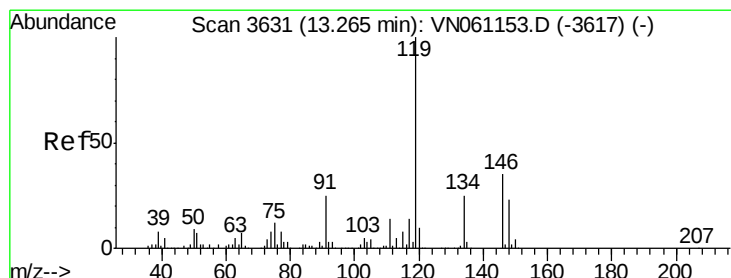
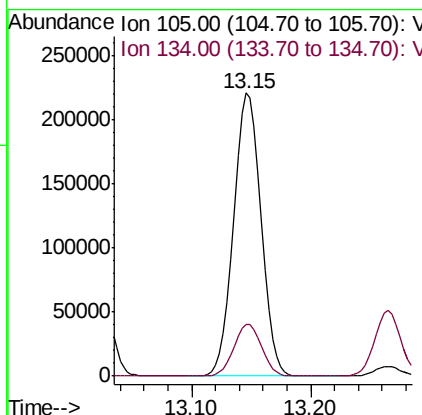
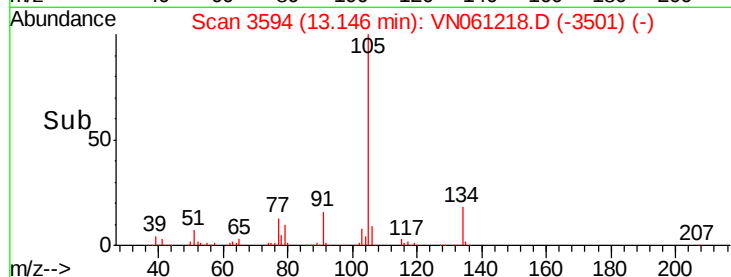
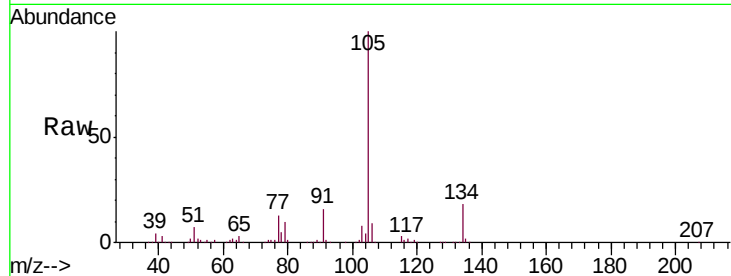




#85
 sec-Butylbenzene
 Concen: 51.975 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

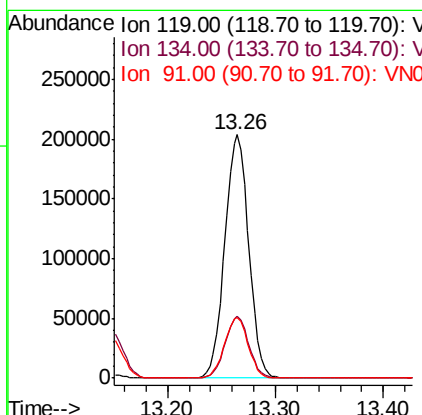
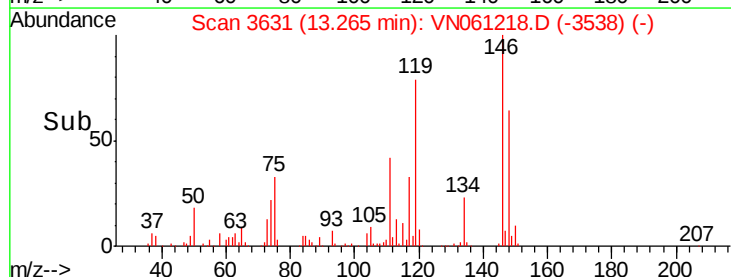
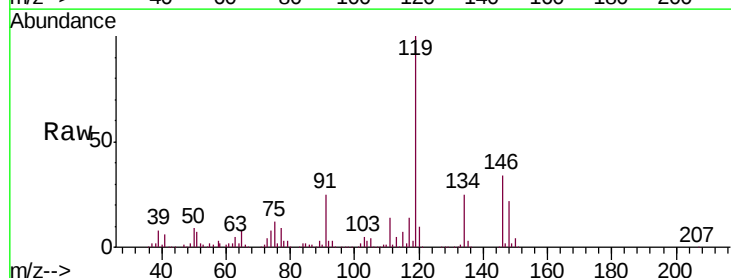
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 353442
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 51.294 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion:119 Resp: 314271
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.6
 91 24.8 12.7 38.0

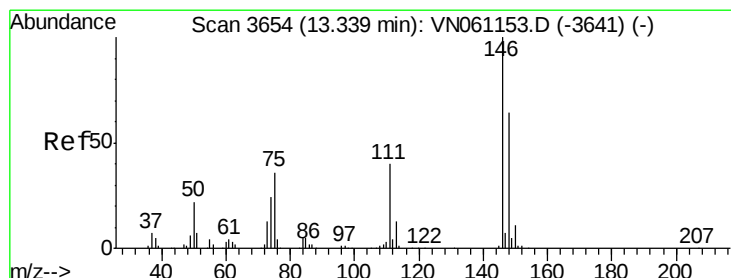
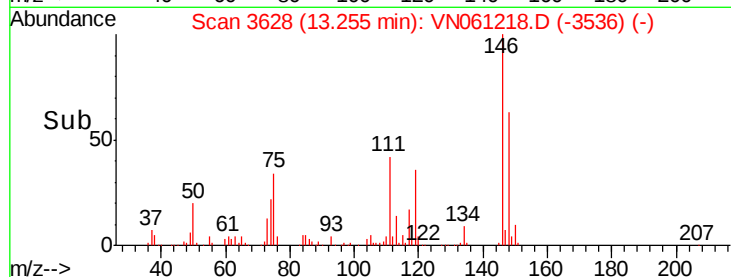
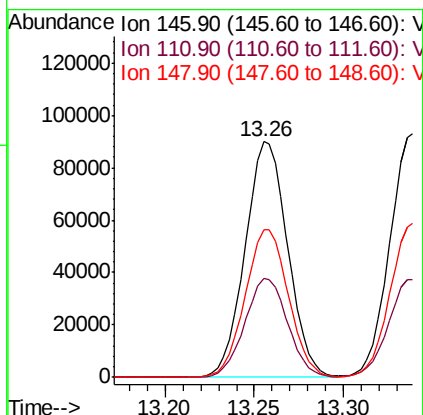
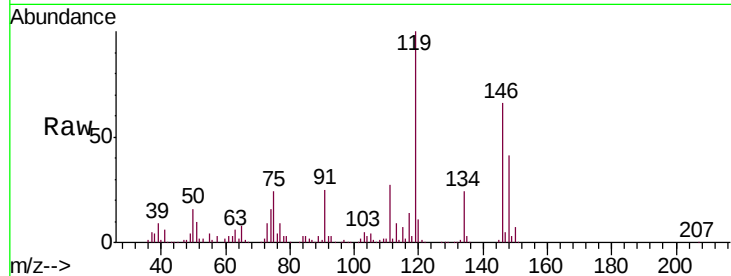




#87
 1,3-Dichlorobenzene
 Concen: 49.385 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

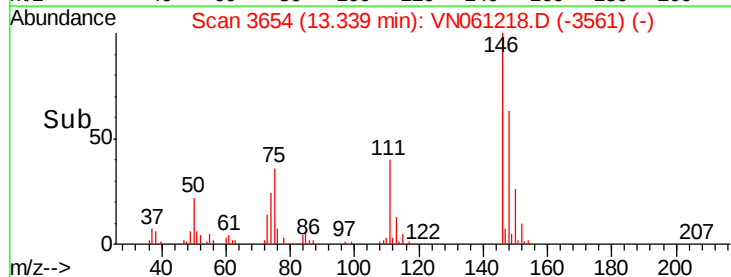
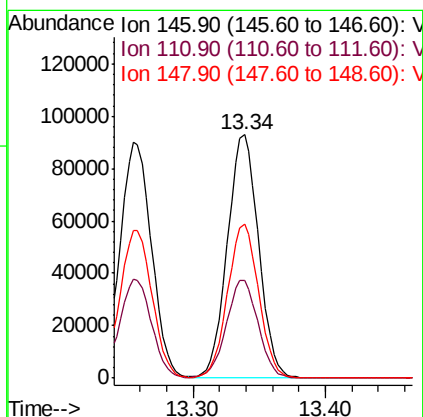
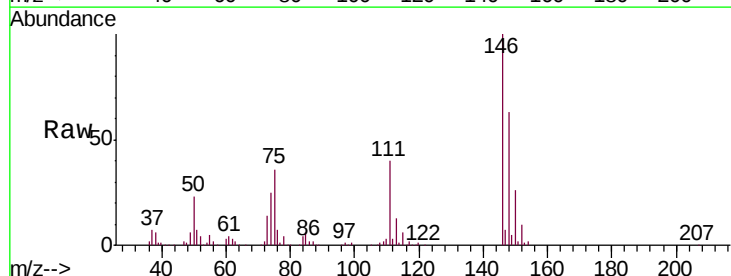
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

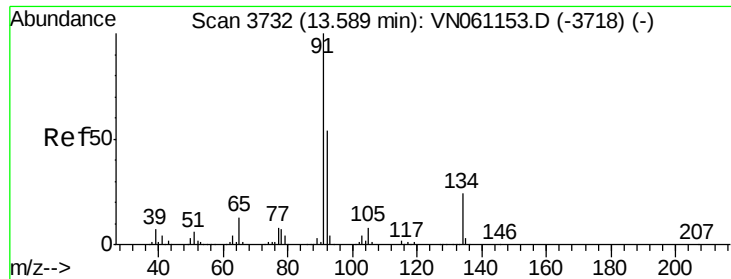
Tgt Ion:146 Resp: 149993
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.022 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion:146 Resp: 152129
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 63.0 31.9 95.7

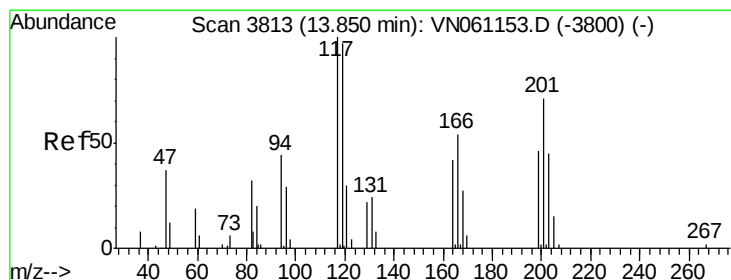
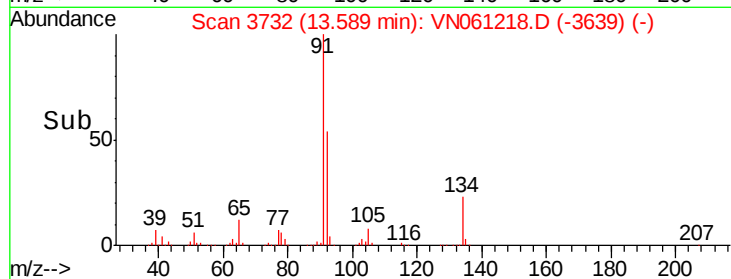
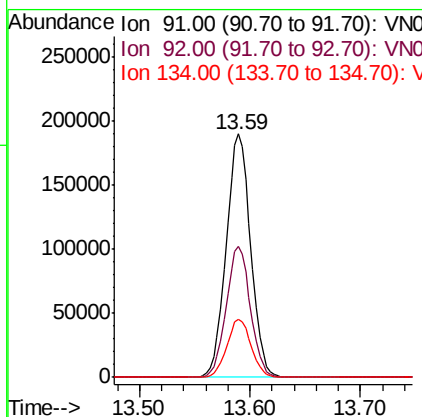
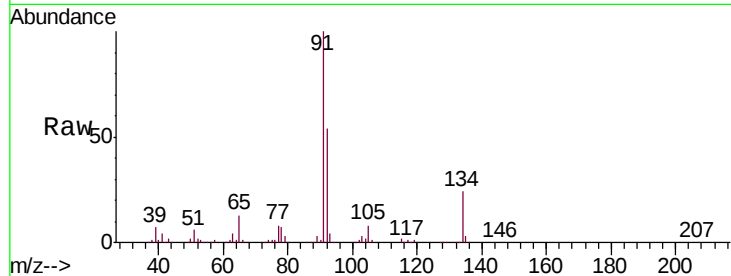




#89
n-Butylbenzene
Concen: 51.794 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

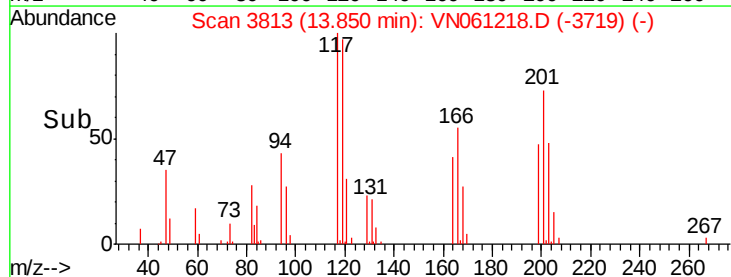
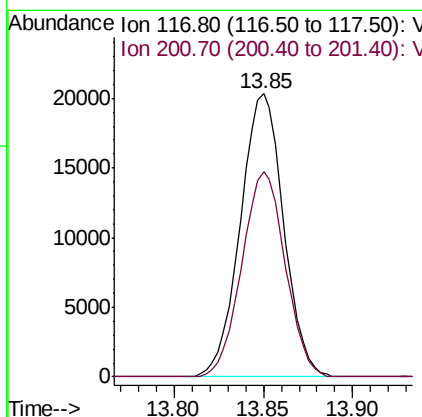
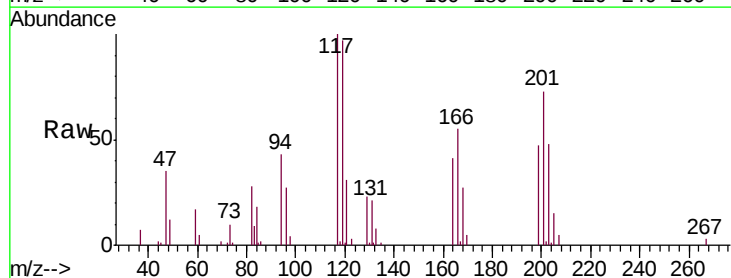
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 290915
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 23.7 11.9 35.5



#90
Hexachloroethane
Concen: 53.207 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion: 117 Resp: 34372
Ion Ratio Lower Upper
117 100
201 72.8 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 49.658 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

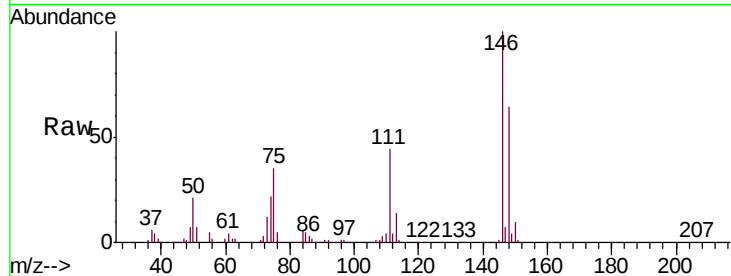
Tgt Ion:146 Resp: 144614

Ion Ratio Lower Upper

146 100

111 45.0 21.8 65.3

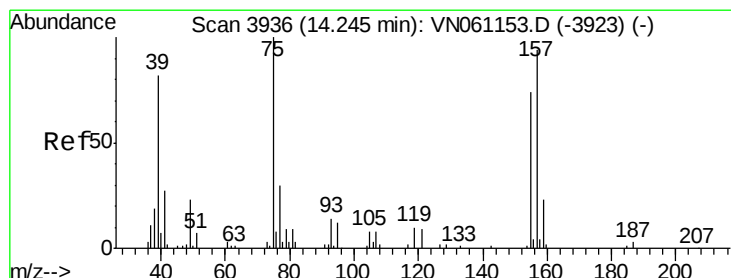
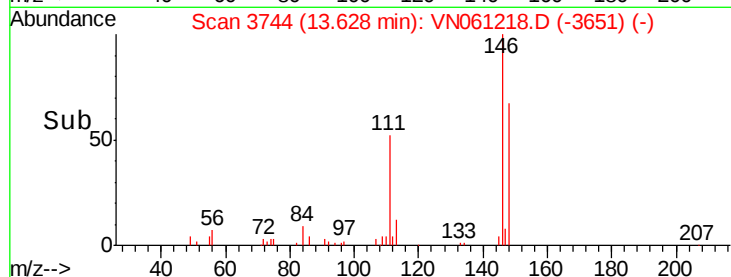
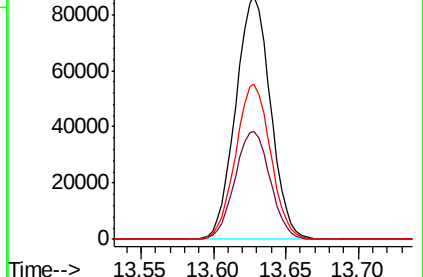
148 64.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.131 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061218.D

Acq: 30 Apr 2020 21:44

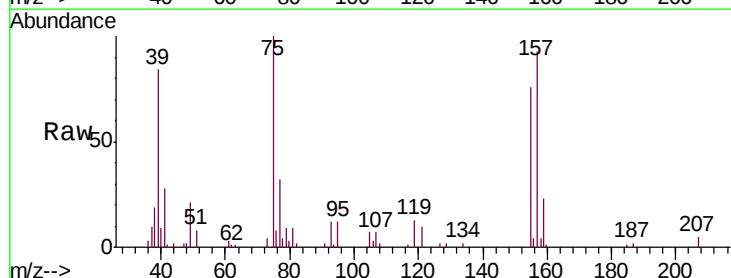
Tgt Ion: 75 Resp: 23595

Ion Ratio Lower Upper

75 100

155 73.3 36.5 109.7

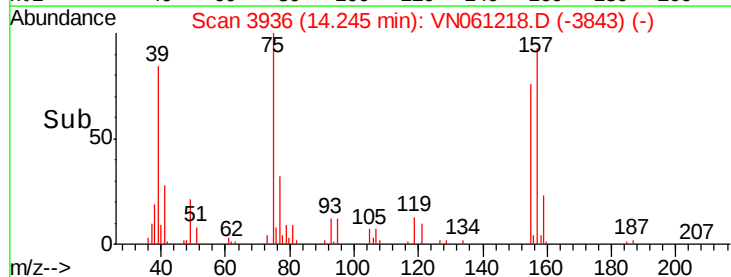
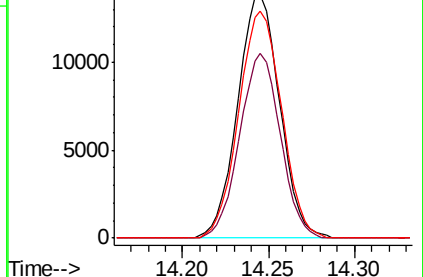
157 94.6 46.6 139.7

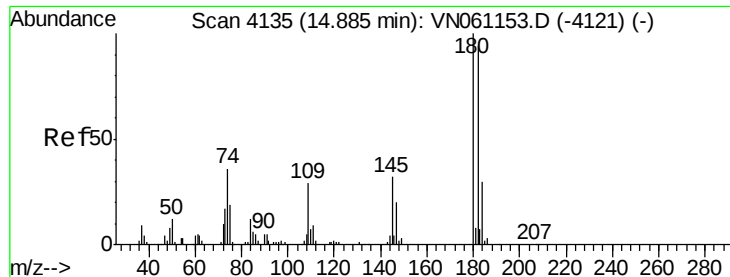


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

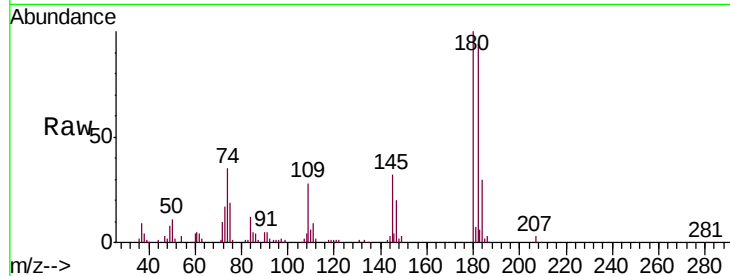




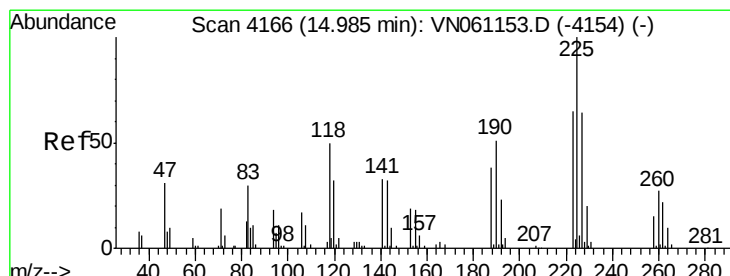
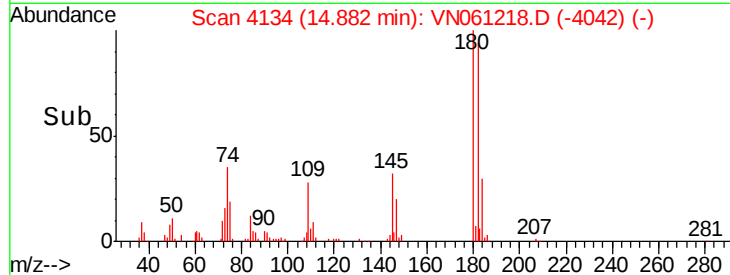
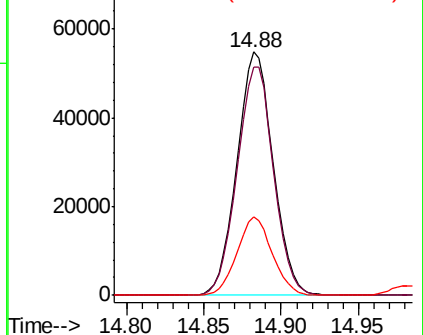
#93
 1,2,4-Trichlorobenzene
 Concen: 50.185 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 88997
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.9
 145 31.4 16.0 47.9

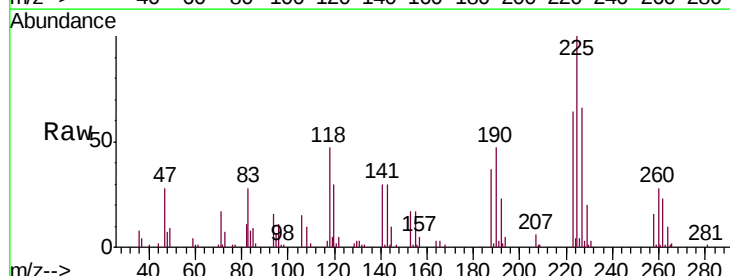


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

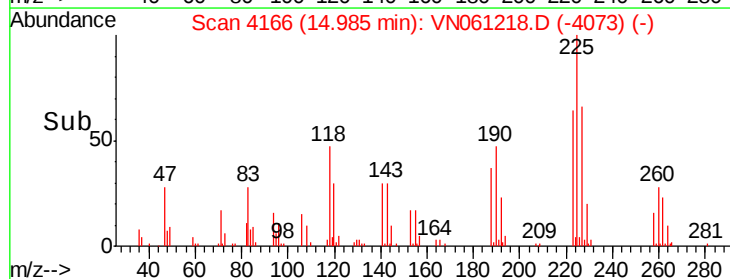
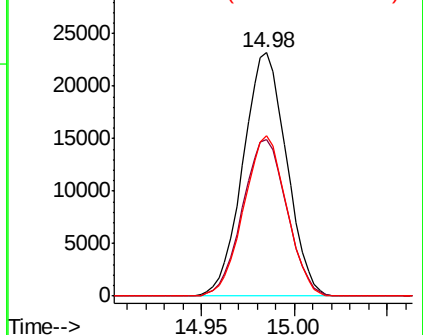


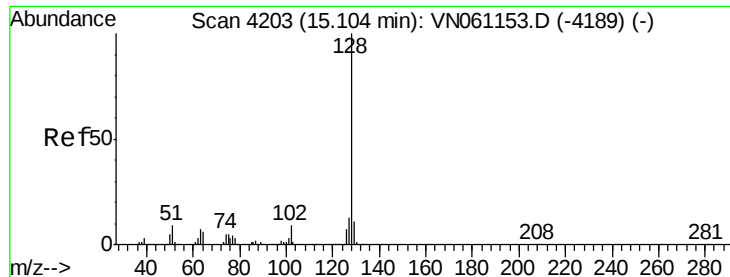
#94
 Hexachlorobutadiene
 Concen: 50.975 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061218.D
 Acq: 30 Apr 2020 21:44

Tgt Ion:225 Resp: 37765
 Ion Ratio Lower Upper
 225 100
 223 65.5 32.4 97.0
 227 64.7 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

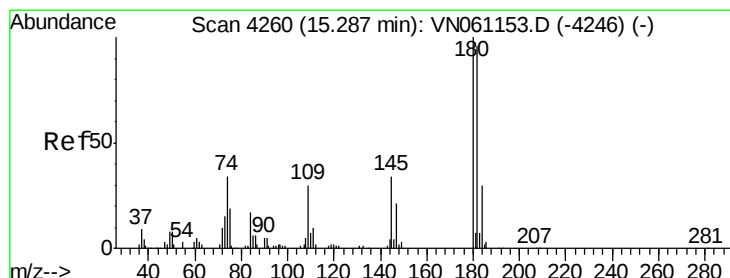
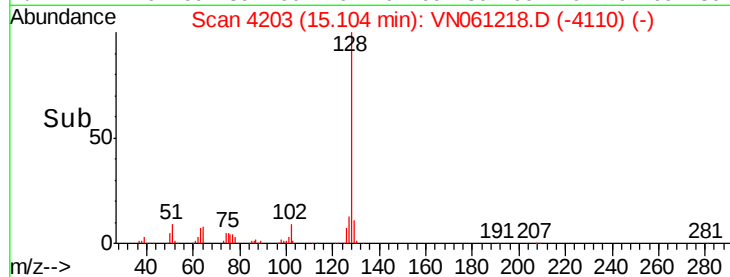
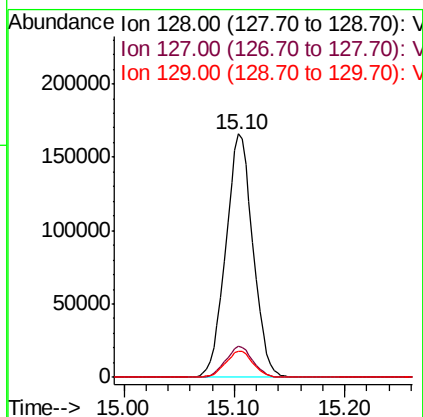
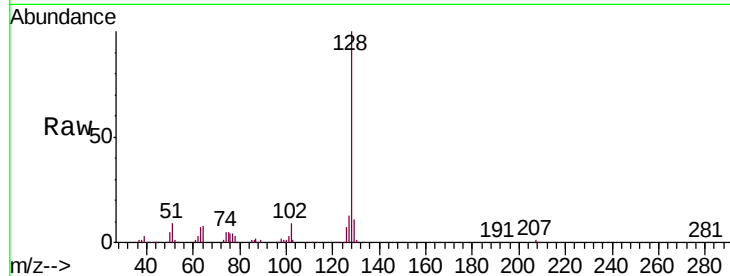




#95
Naphthalene
Concen: 49.058 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 283328
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.430 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061218.D
Acq: 30 Apr 2020 21:44

Tgt Ion:180 Resp: 88296
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 33.0 16.9 50.7

