

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060779.D
 Acq On : 31 Mar 2020 12:30
 Operator : JC/MD
 Sample : VN0331WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Quant Time: Apr 01 08:46:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	326605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137094	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127496	46.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.38%	
35) Dibromofluoromethane	7.56	113	95510	48.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.72%	
50) Toluene-d8	10.08	98	383597	47.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.40	95	139239	47.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	34719	18.040	ug/l	99
3) Chloromethane	2.04	50	59532	16.562	ug/l	99
4) Vinyl Chloride	2.17	62	47753	16.985	ug/l	97
5) Bromomethane	2.55	94	24129	19.881	ug/l	94
6) Chloroethane	2.69	64	29954	18.496	ug/l	100
7) Trichlorofluoromethane	3.00	101	65460	18.901	ug/l	99
8) Diethyl Ether	3.38	74	27158	19.520	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39293	19.580	ug/l	99
10) Methyl Iodide	3.93	142	34641	19.399	ug/l	99
11) Tert butyl alcohol	4.72	59	40294	100.341	ug/l	99
12) 1,1-Dichloroethene	3.71	96	39833	18.497	ug/l	98
13) Acrolein	3.57	56	35994	80.875	ug/l	98
14) Allyl chloride	4.29	41	72351	19.102	ug/l	96
15) Acrylonitrile	4.94	53	112546	95.309	ug/l	99
16) Acetone	3.78	43	102264	105.732	ug/l	98
17) Carbon Disulfide	4.03	76	115260	17.598	ug/l	99
18) Methyl Acetate	4.28	43	53432	19.627	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	140717	19.006	ug/l	98
20) Methylene Chloride	4.52	84	44520	18.712	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	42490	18.513	ug/l	96
22) Diisopropyl ether	5.91	45	158585	19.818	ug/l	99
23) Vinyl Acetate	5.85	43	645021	98.794	ug/l	99
24) 1,1-Dichloroethane	5.81	63	85171	19.525	ug/l	99
25) 2-Butanone	6.79	43	153053	97.792	ug/l	98
26) 2,2-Dichloropropane	6.79	77	72233	21.046	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49866	19.119	ug/l	99
28) Bromochloromethane	7.16	49	39279	18.820	ug/l	99
29) Tetrahydrofuran	7.18	42	103398	93.373	ug/l	99
30) Chloroform	7.34	83	79761	19.073	ug/l	99
31) Cyclohexane	7.63	56	81571	18.548	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	69145	19.180	ug/l	100
36) 1,1-Dichloropropene	7.77	75	60437	19.110	ug/l	98
37) Ethyl Acetate	6.89	43	64051	18.744	ug/l	99
38) Carbon Tetrachloride	7.75	117	53024	18.707	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73973	19.683	ug/l	98
40) Benzene	8.02	78	187310	19.620	ug/l	99
41) Methacrylonitrile	7.15	41	24292m	16.657	ug/l	
42) 1,2-Dichloroethane	8.10	62	63652	19.509	ug/l	100
43) Isopropyl Acetate	8.14	43	108375	19.230	ug/l	99
44) Trichloroethene	8.81	130	46296	19.236	ug/l	95
45) 1,2-Dichloropropane	9.10	63	49797	19.768	ug/l	98
46) Dibromomethane	9.19	93	29577	19.421	ug/l	99
47) Bromodichloromethane	9.38	83	61805	19.529	ug/l	98
48) Methyl methacrylate	9.18	41	46627	18.583	ug/l	99
49) 1,4-Dioxane	9.18	88	14266	478.338	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	312130	97.330	ug/l	99
52) Toluene	10.14	92	111650	19.364	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	72010	19.809	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	78478	19.678	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	42832	19.310	ug/l	99
56) Ethyl methacrylate	10.42	69	65277	18.874	ug/l	98
57) 1,3-Dichloropropane	10.70	76	75331	19.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	153125	89.080	ug/l	99
59) 2-Hexanone	10.74	43	222904	96.491	ug/l	100
60) Dibromochloromethane	10.89	129	43966	19.189	ug/l	98
61) 1,2-Dibromoethane	10.99	107	43018	19.287	ug/l	99
64) Tetrachloroethene	10.62	164	44145	19.117	ug/l	99
65) Chlorobenzene	11.42	112	113437	19.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	41555	19.729	ug/l	98
67) Ethyl Benzene	11.50	91	211989	19.596	ug/l	99
68) m/p-Xylenes	11.61	106	157398	39.153	ug/l	100
69) o-Xylene	11.94	106	75720	19.731	ug/l	99
70) Styrene	11.96	104	118600	18.896	ug/l	99
71) Bromoform	12.12	173	30078	18.285	ug/l #	98
73) Isopropylbenzene	12.24	105	201692	19.604	ug/l	100
74) N-amyl acetate	12.06	43	89585	18.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60062	19.305	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	54417m	18.395	ug/l	
77) Bromobenzene	12.52	156	48472	19.552	ug/l	98
78) n-propylbenzene	12.59	91	238359	19.610	ug/l	99
79) 2-Chlorotoluene	12.67	91	141376	19.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	173020	19.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21614	18.765	ug/l	98
82) 4-Chlorotoluene	12.77	91	144674	19.559	ug/l	99
83) tert-Butylbenzene	12.99	119	144158	19.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	169553	19.630	ug/l	99
85) sec-Butylbenzene	13.17	105	196358	20.175	ug/l	100
86) p-Isopropyltoluene	13.28	119	174083	19.891	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84392	19.301	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84302	19.190	ug/l	99
89) n-Butylbenzene	13.61	91	158921	20.113	ug/l	99
90) Hexachloroethane	13.87	117	26290	20.666	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82870	19.821	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11964	18.189	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

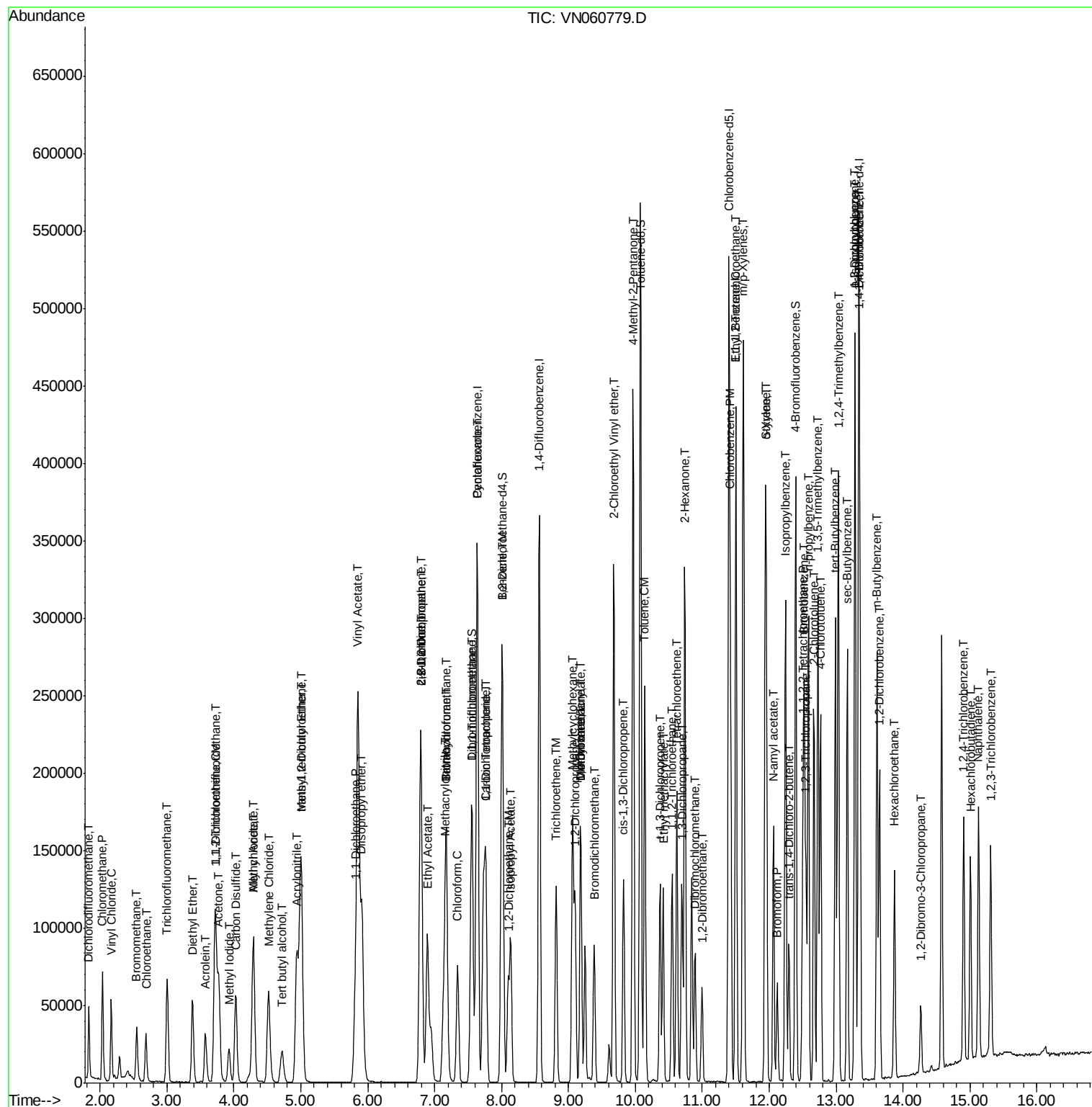
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49793	19.394	ug/l	99
94) Hexachlorobutadiene	15.01	225	26269	20.871	ug/l	99
95) Naphthalene	15.13	128	139845	18.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48043	18.997	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033120\
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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

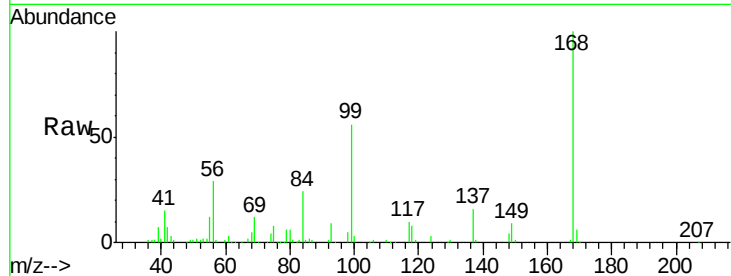
VN0331WBS01

Tot Ion:168 Resp: 198904

Ion Ratio Lower Upper

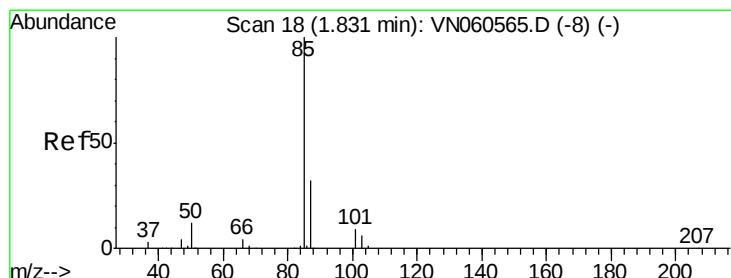
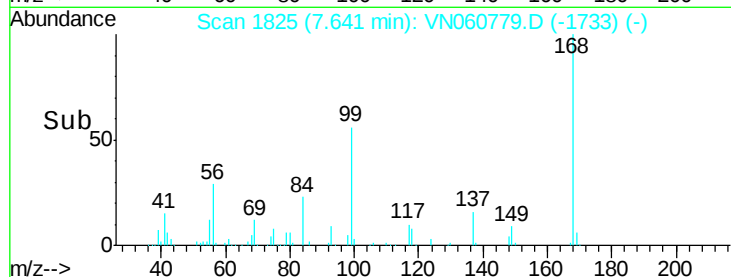
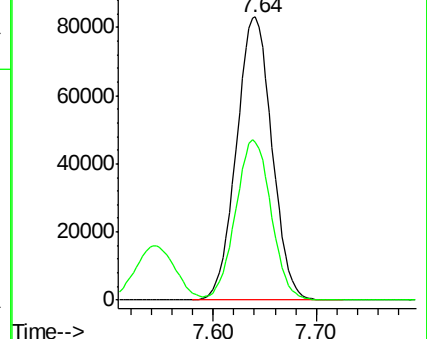
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.040 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060779.D

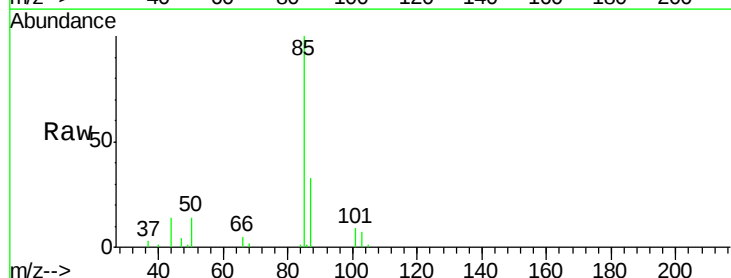
Acq: 31 Mar 2020 12:30

Tgt Ion: 85 Resp: 34719

Ion Ratio Lower Upper

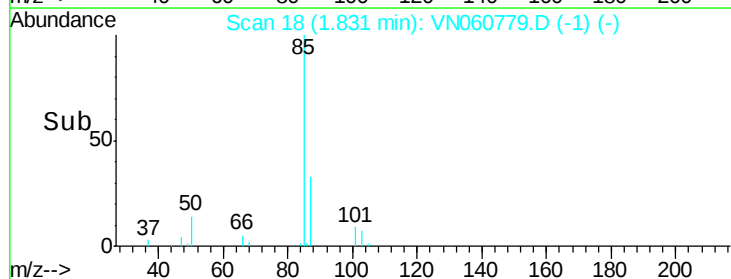
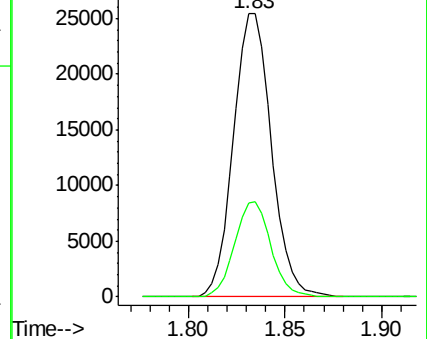
85 100

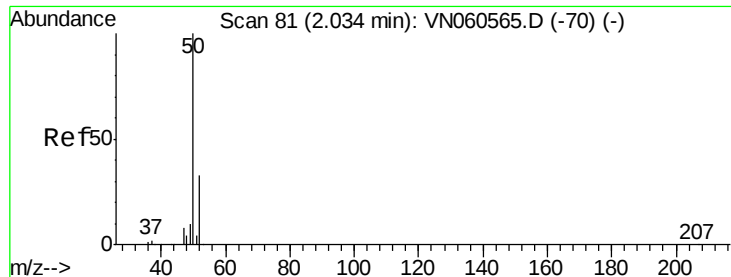
87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.562 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

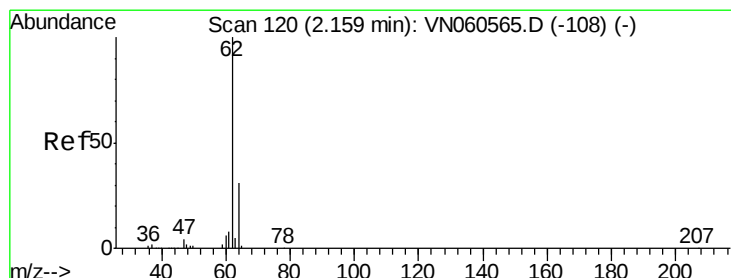
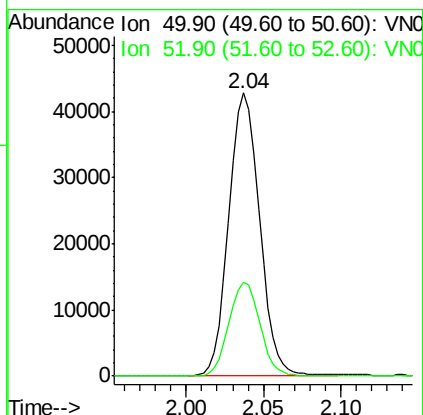
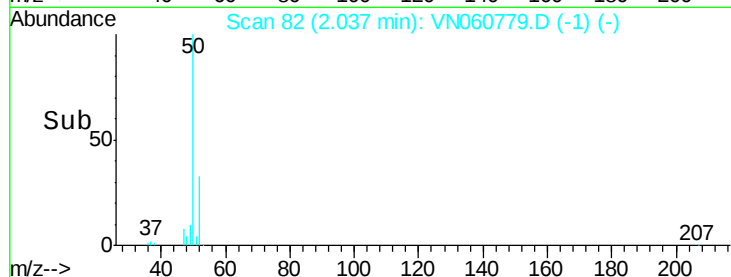
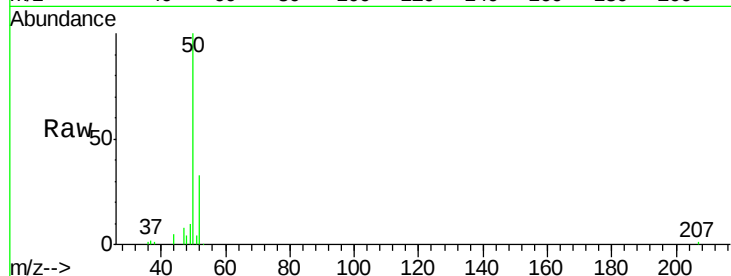
VN0331WBS01

Tot Ion: 50 Resp: 59532

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



#4

Vinyl Chloride

Concen: 16.985 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060779.D

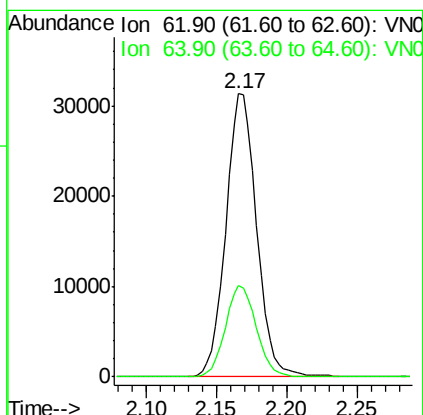
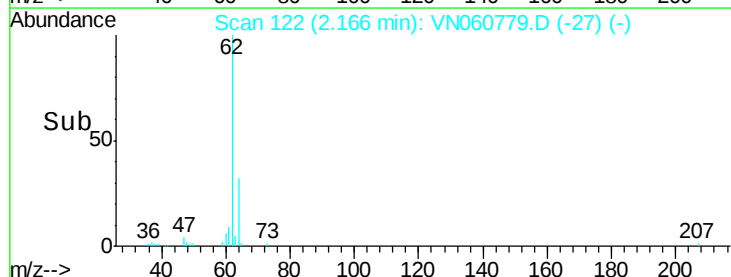
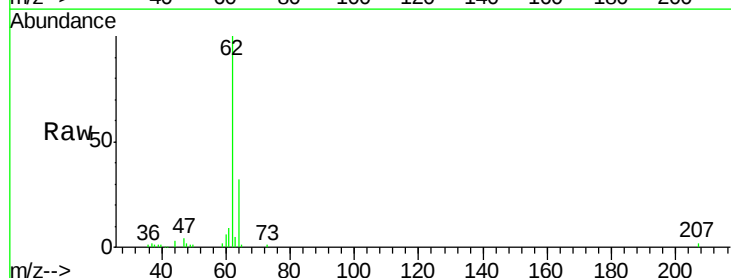
Acq: 31 Mar 2020 12:30

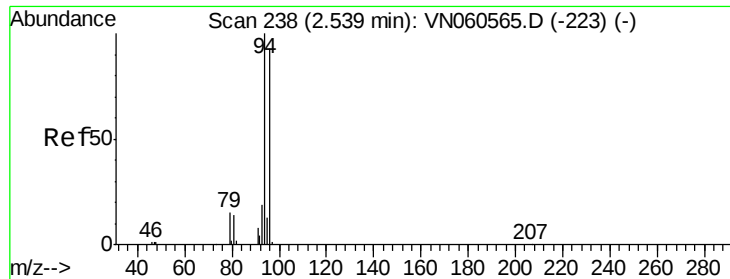
Tgt Ion: 62 Resp: 47753

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1





#5

Bromomethane

Concen: 19.881 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

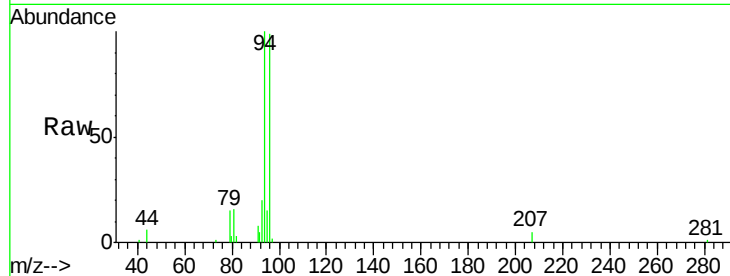
VN0331WBS01

Tot Ion: 94 Resp: 24129

Ion Ratio Lower Upper

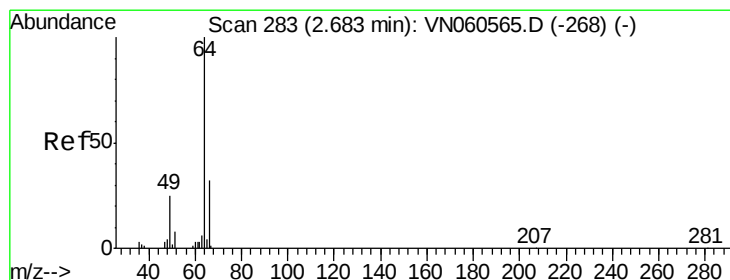
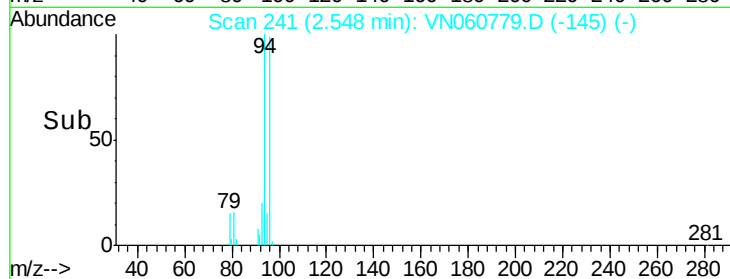
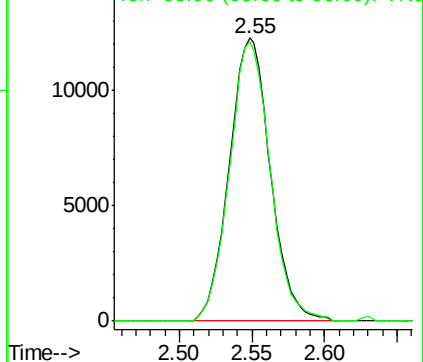
94 100

96 98.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.496 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060779.D

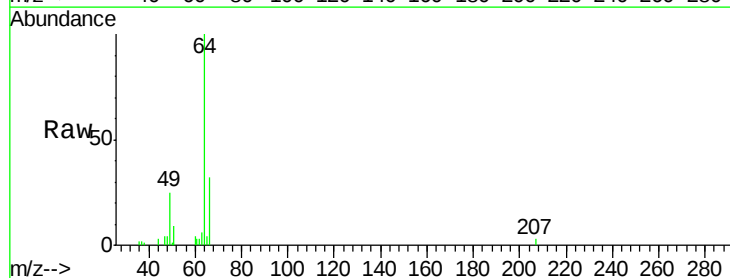
Acq: 31 Mar 2020 12:30

Tgt Ion: 64 Resp: 29954

Ion Ratio Lower Upper

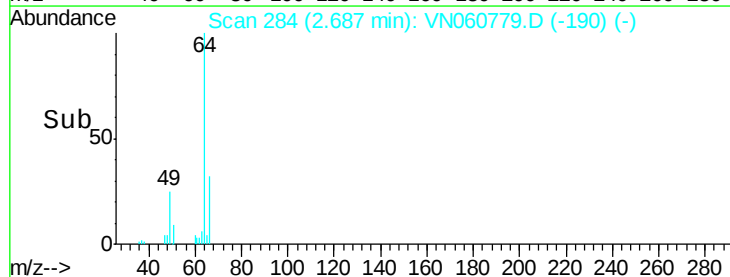
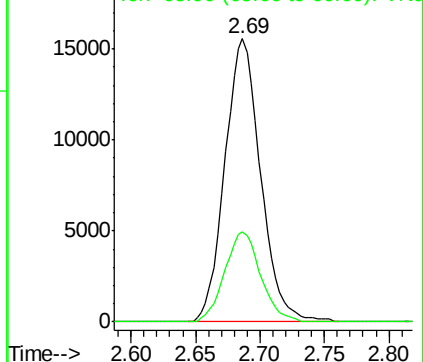
64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



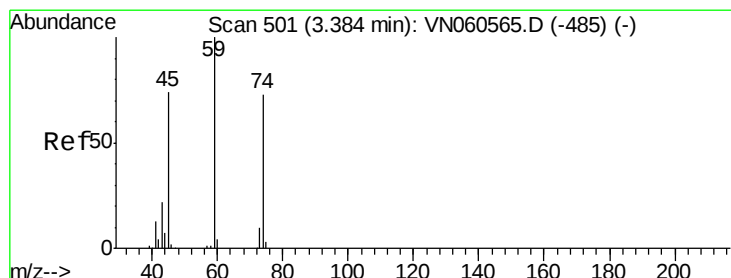
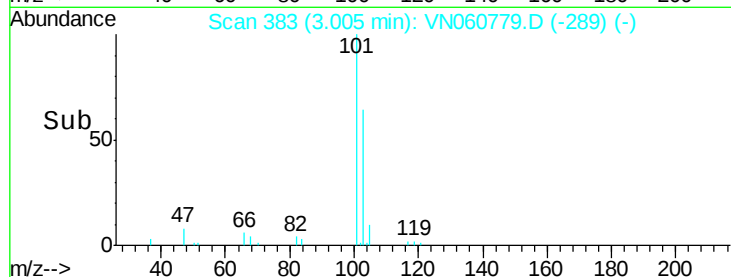
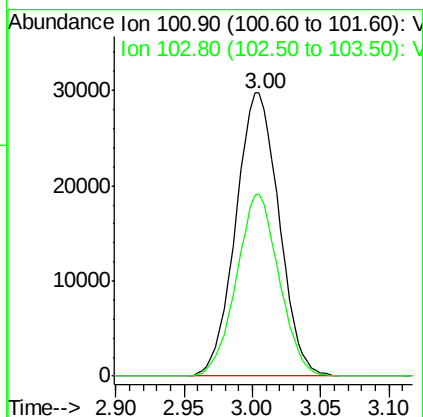
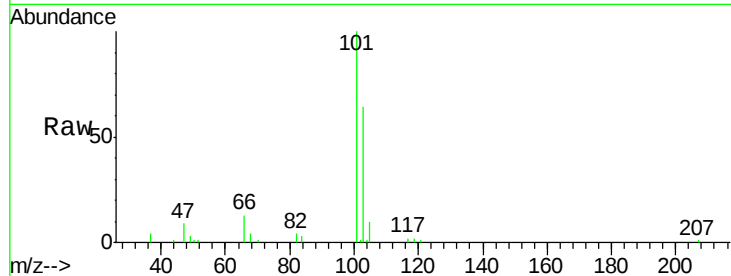


#7

Trichlorofluoromethane
 Concen: 18.901 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Instrument :
 MSVOA_N
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 VN0331WBS01

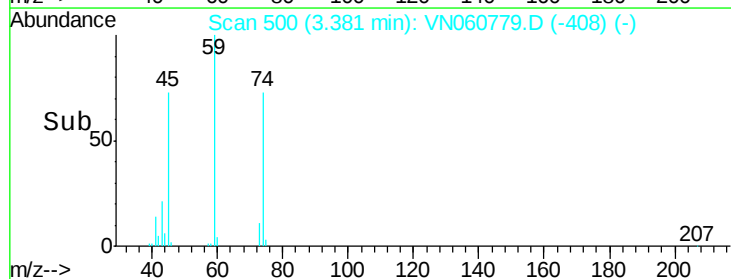
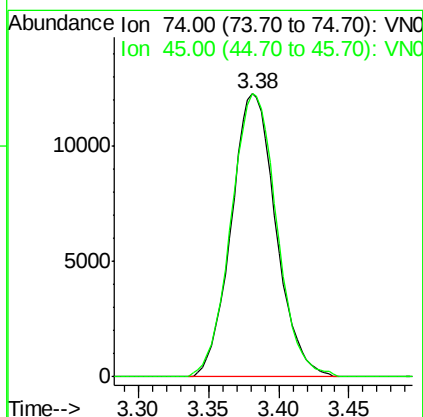
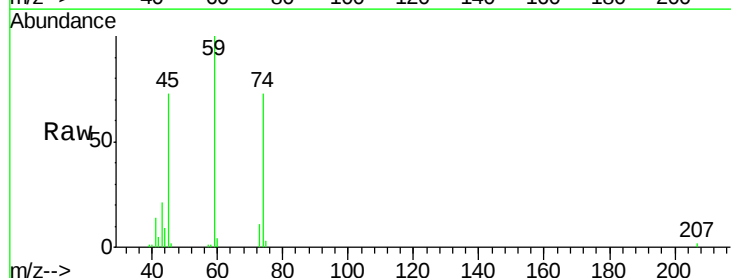
Tot Ion:101 Resp: 65460
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0

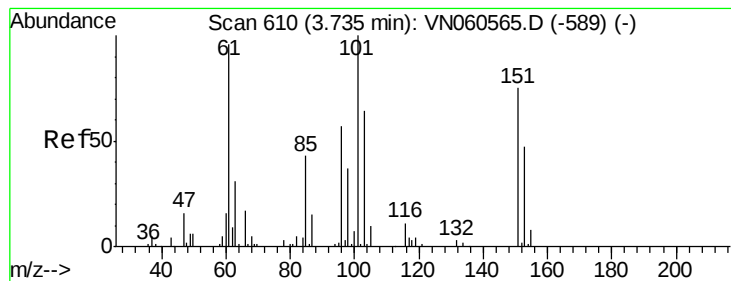


#8

Diethyl Ether
 Concen: 19.520 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 74 Resp: 27158
 Ion Ratio Lower Upper
 74 100
 45 102.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.580 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

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VN0331WBS01

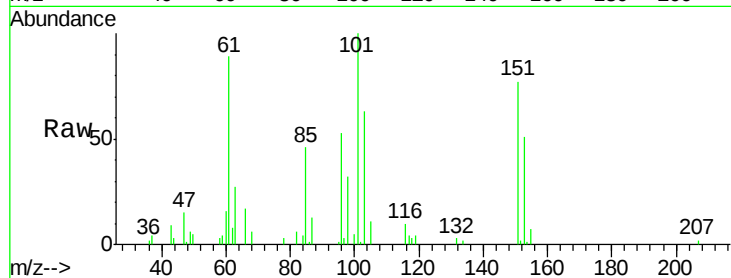
Tot Ion:101 Resp: 39293

Ion Ratio Lower Upper

101 100

85 45.1 35.6 53.4

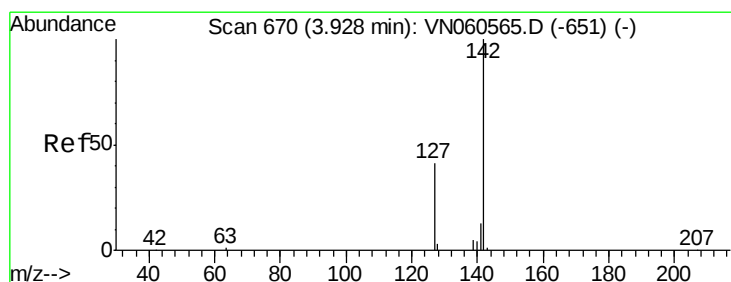
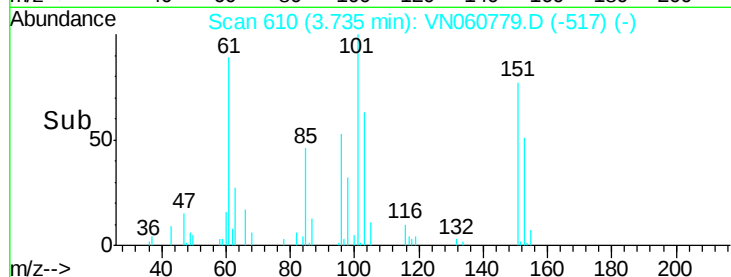
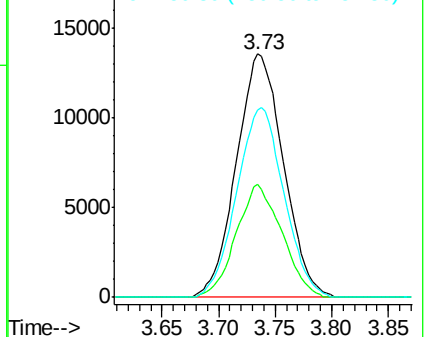
151 78.2 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.399 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

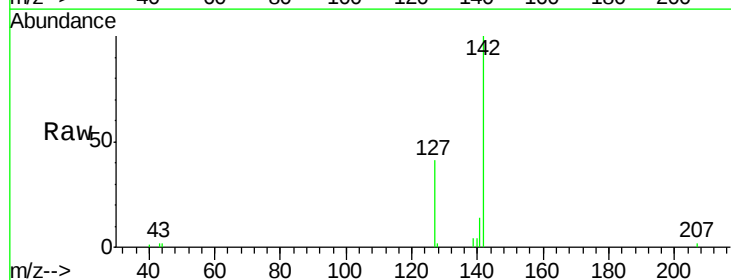
Tgt Ion:142 Resp: 34641

Ion Ratio Lower Upper

142 100

127 41.4 33.5 50.3

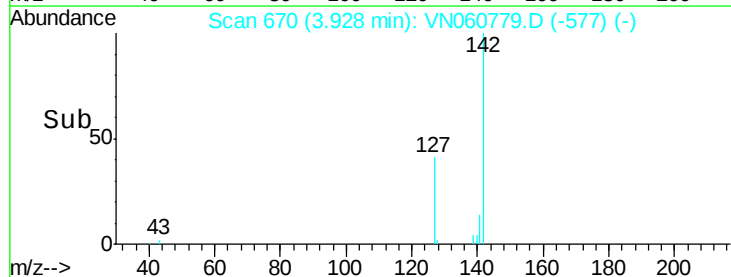
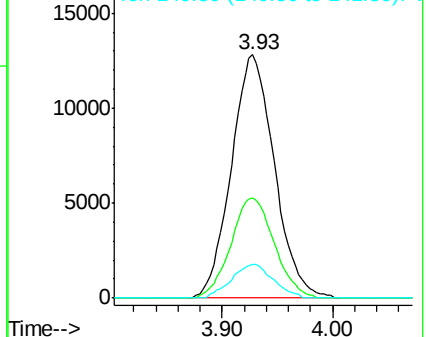
141 13.5 11.0 16.6

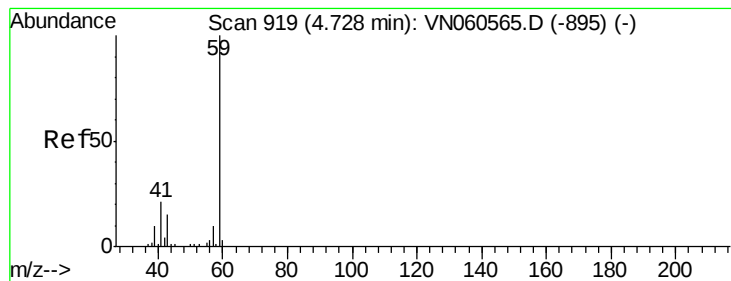


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



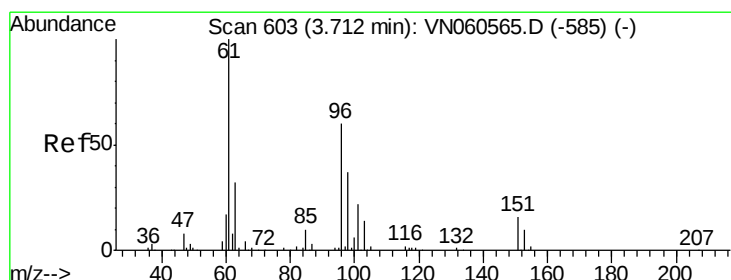
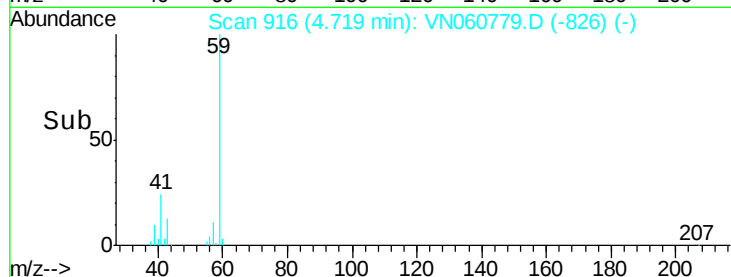
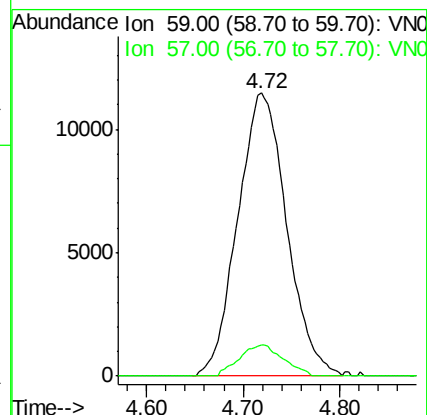
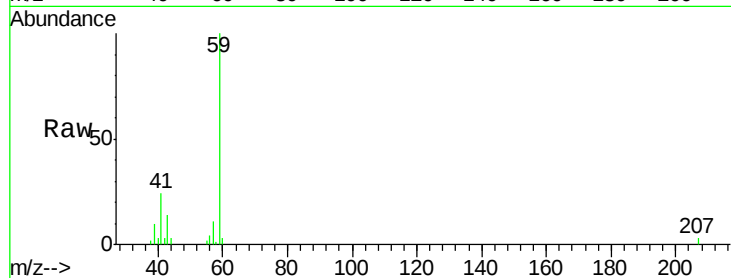


#11

Tert butyl alcohol
 Concen: 100.341 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBS01

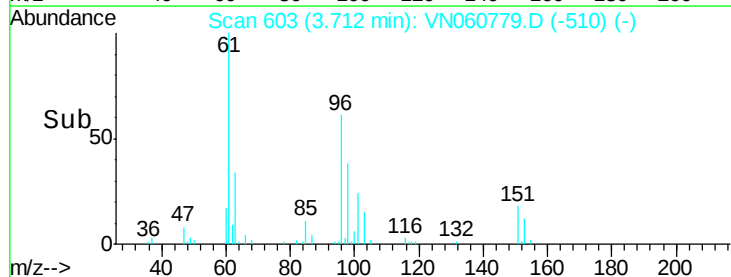
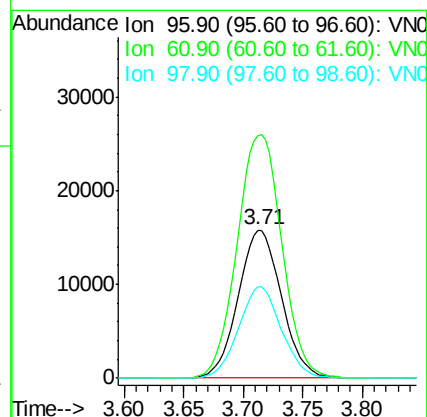
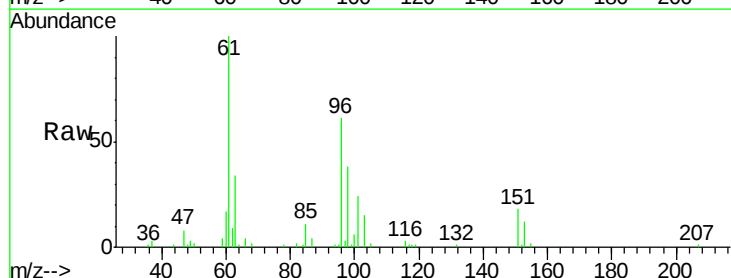
Tot Ion: 59 Resp: 40294
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

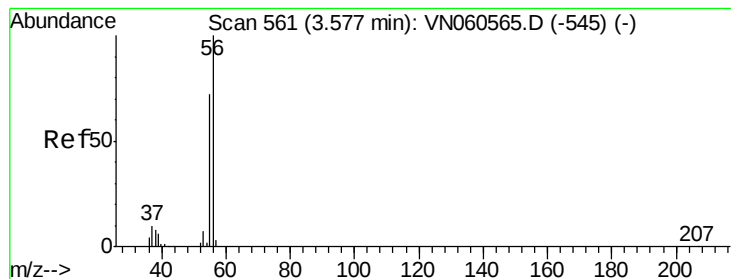


#12

1,1-Dichloroethene
 Concen: 18.497 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 96 Resp: 39833
 Ion Ratio Lower Upper
 96 100
 61 164.0 134.1 201.1
 98 61.8 49.9 74.9





#13

Acrolein

Concen: 80.875 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

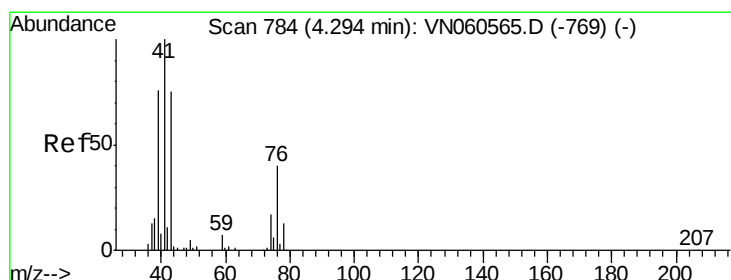
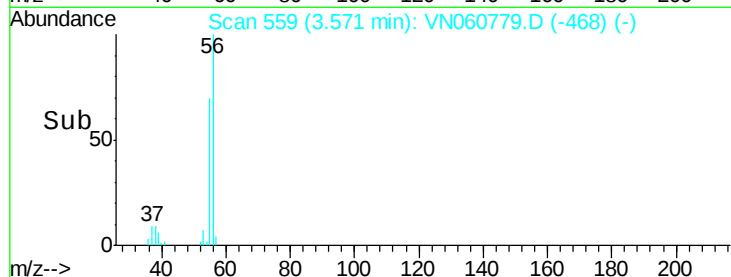
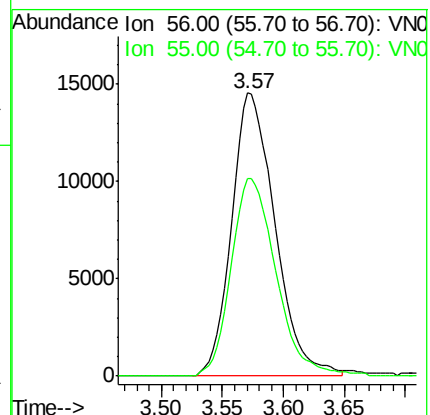
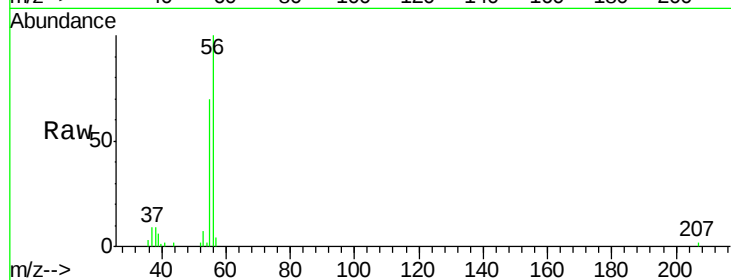
VN0331WBS01

Tot Ion: 56 Resp: 35994

Ion Ratio Lower Upper

56 100

55 72.3 56.7 85.1



#14

Allyl chloride

Concen: 19.102 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

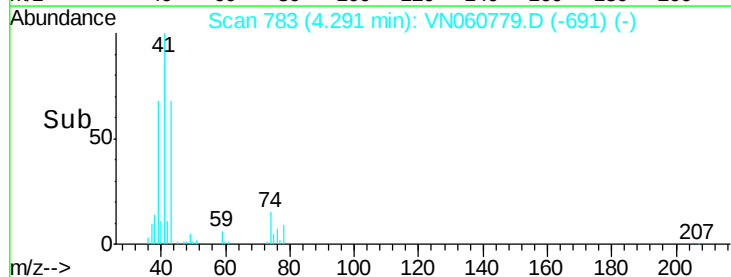
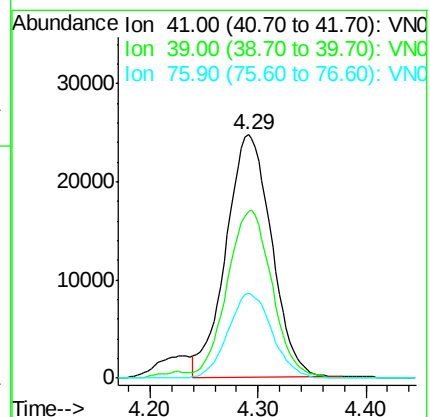
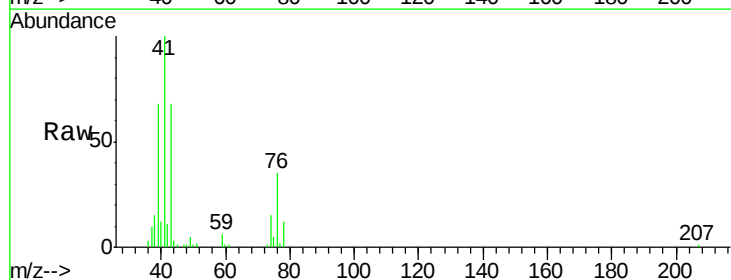
Tgt Ion: 41 Resp: 72351

Ion Ratio Lower Upper

41 100

39 68.5 57.8 86.8

76 33.9 28.6 43.0





#15

Acrylonitrile

Concen: 95.309 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

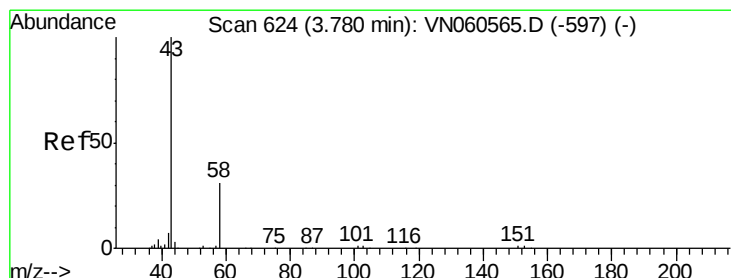
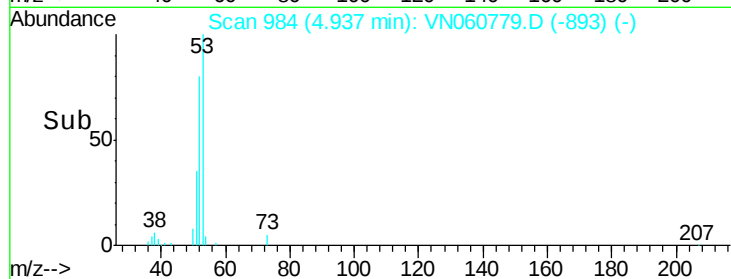
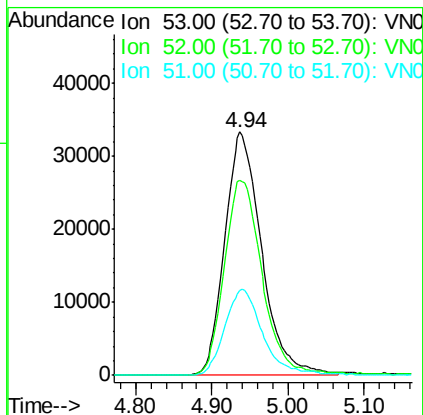
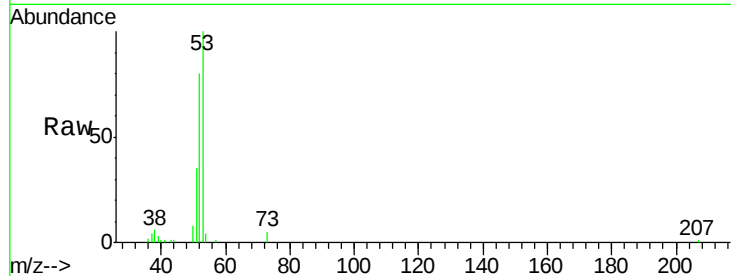
Tot Ion: 53 Resp: 112546

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

51 36.4 28.7 43.1



#16

Acetone

Concen: 105.732 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060779.D

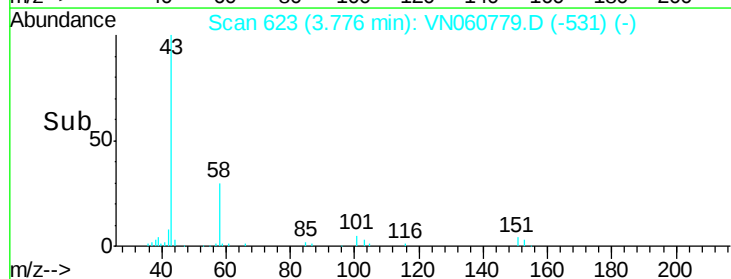
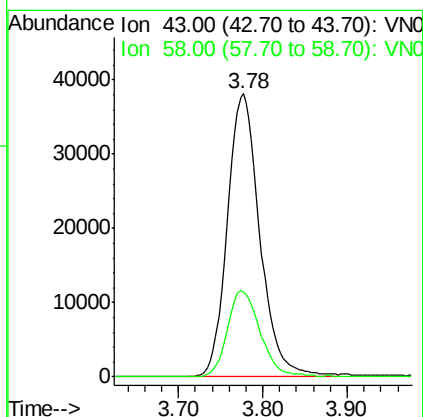
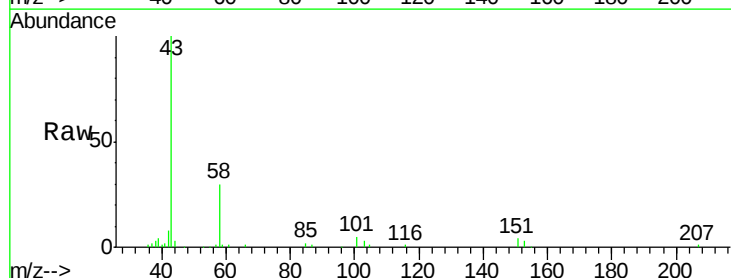
Acq: 31 Mar 2020 12:30

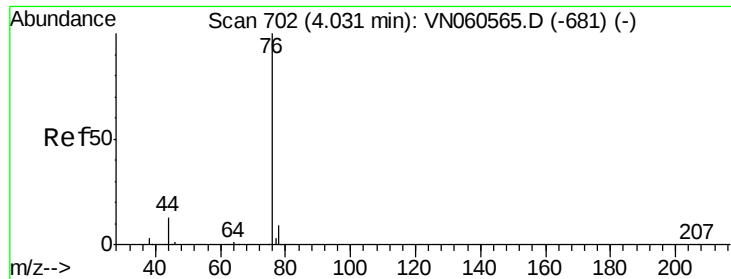
Tgt Ion: 43 Resp: 102264

Ion Ratio Lower Upper

43 100

58 30.2 25.1 37.7

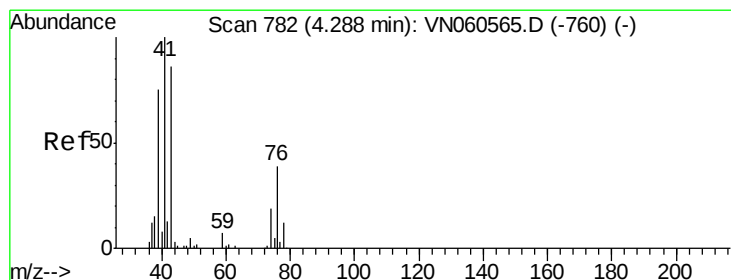
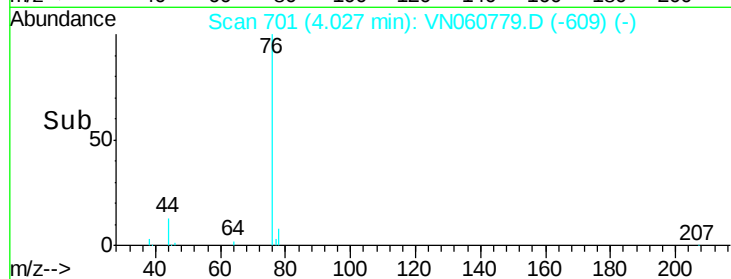
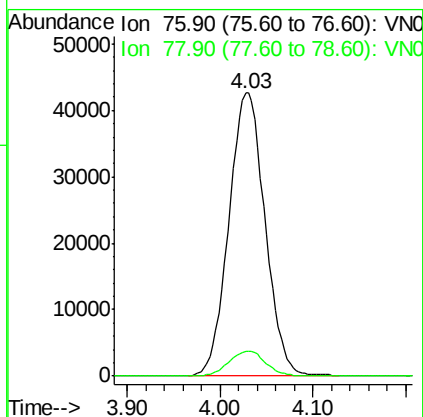
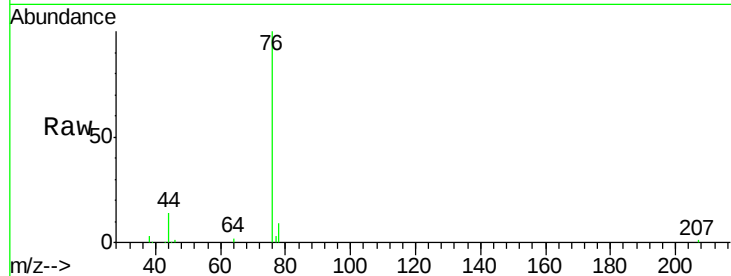




#17
Carbon Disulfide
Concen: 17.598 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

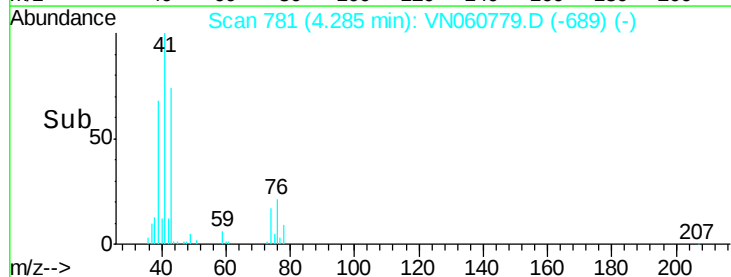
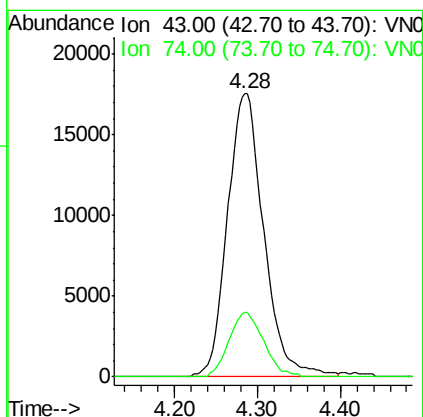
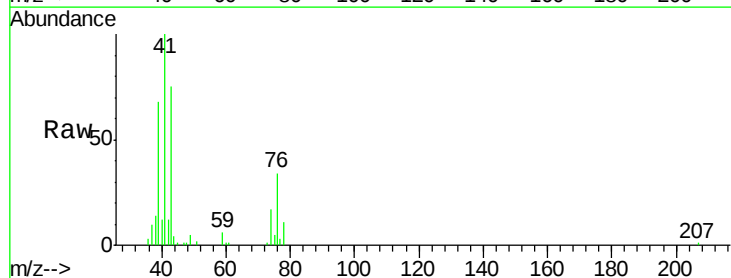
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

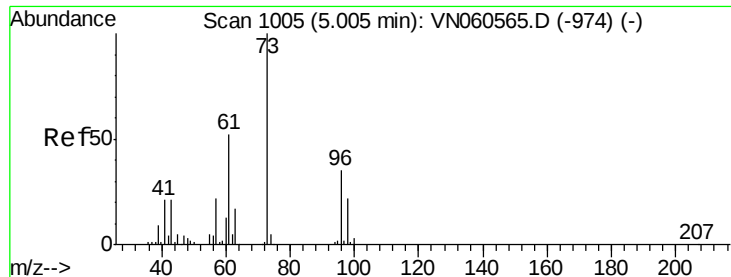
Tot Ion: 76 Resp: 115260
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 19.627 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion: 43 Resp: 53432
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3

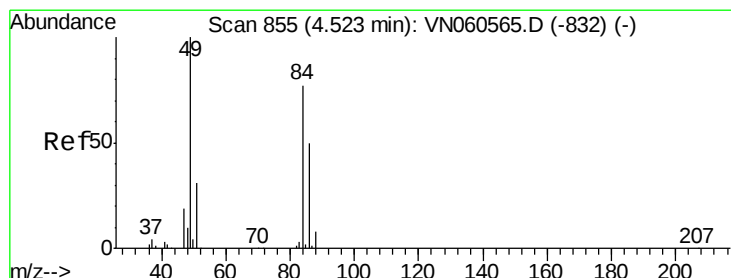
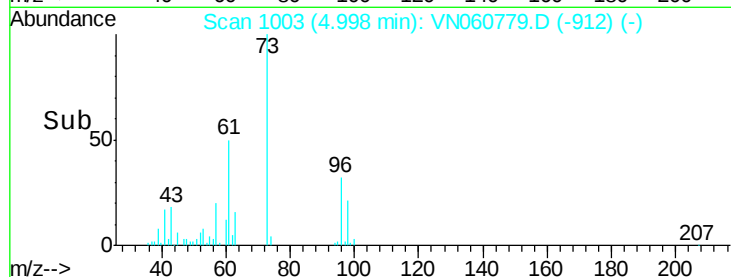
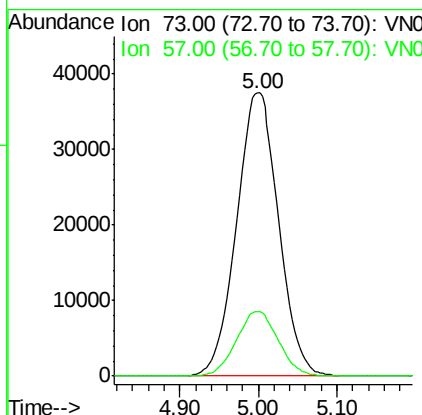
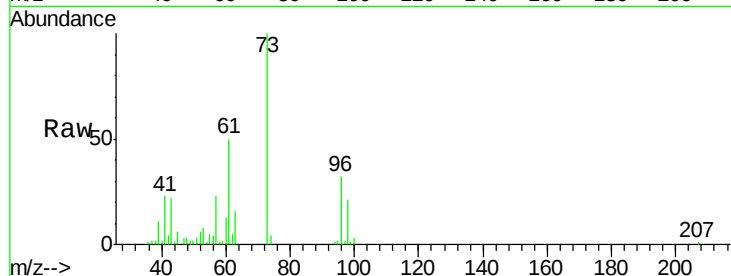




#19
Methyl tert-butyl Ether
Concen: 19.006 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

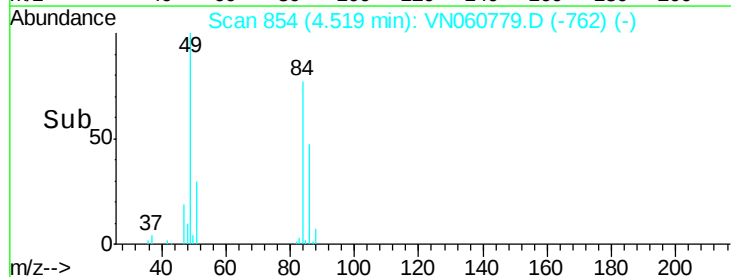
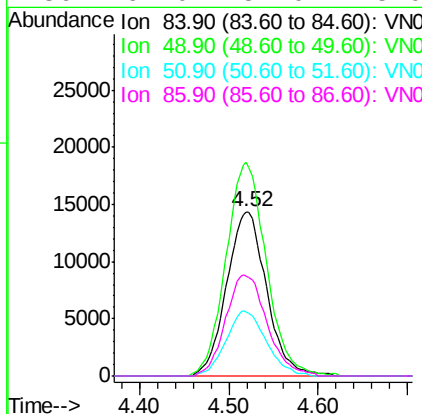
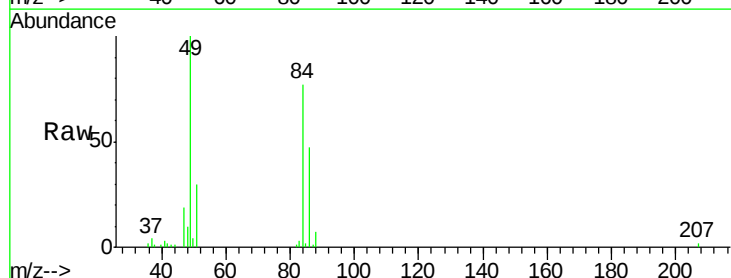
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tot Ion: 73 Resp: 140717
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3



#20
Methylene Chloride
Concen: 18.712 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion: 84 Resp: 44520
Ion Ratio Lower Upper
84 100
49 130.1 103.3 154.9
51 39.3 31.6 47.4
86 61.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.513 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN0331WBS01

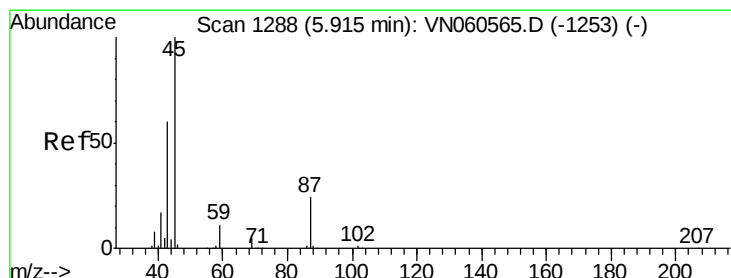
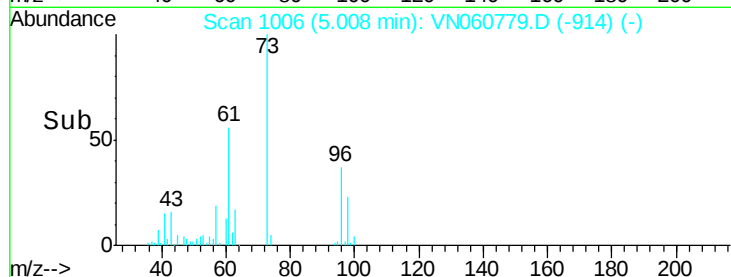
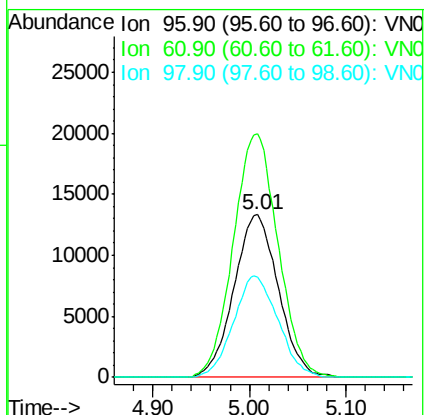
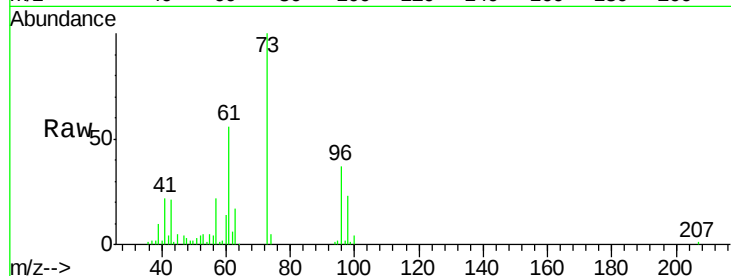
Tot Ion: 96 Resp: 42490

Ion Ratio Lower Upper

96 100

61 149.9 114.4 171.6

98 61.8 48.4 72.6



#22

Diisopropyl ether

Concen: 19.818 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Tgt Ion: 45 Resp: 158585

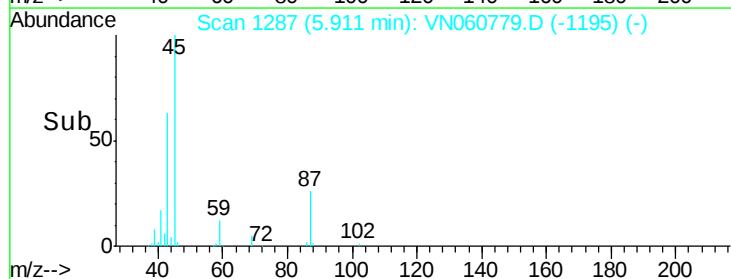
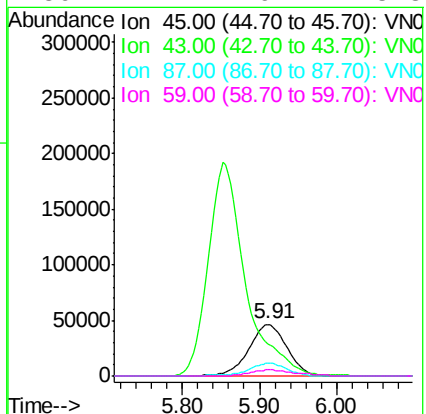
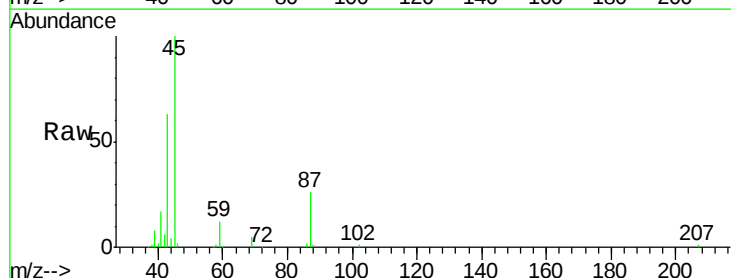
Ion Ratio Lower Upper

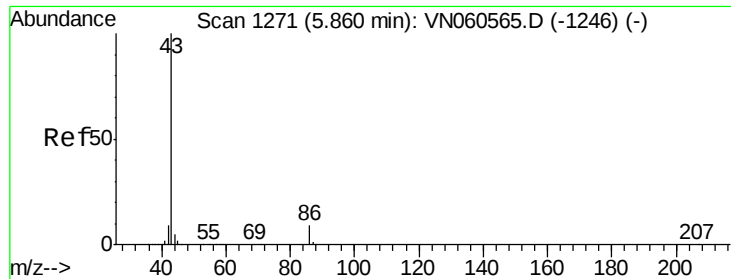
45 100

43 61.2 49.8 74.8

87 25.5 20.1 30.1

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 98.794 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

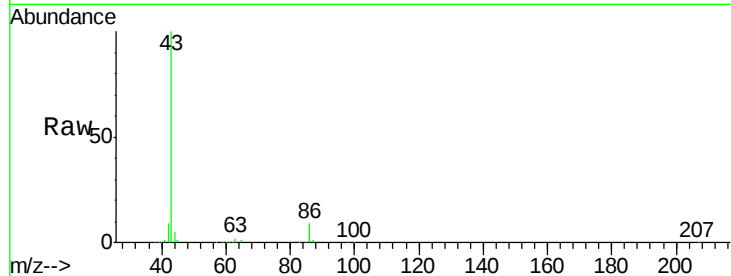
VN0331WBS01

Tot Ion: 43 Resp: 645021

Ion Ratio Lower Upper

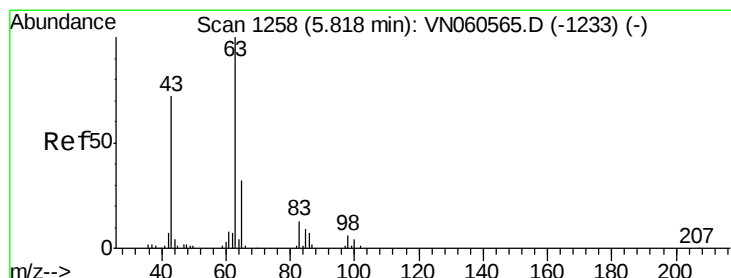
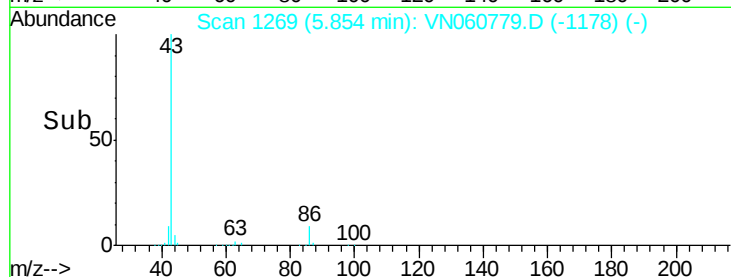
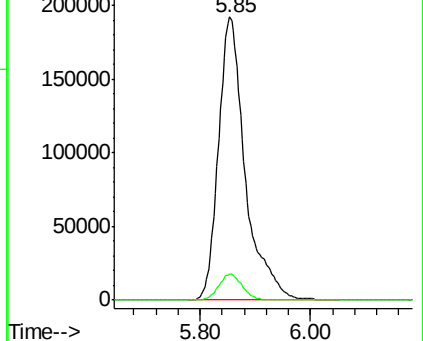
43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.525 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

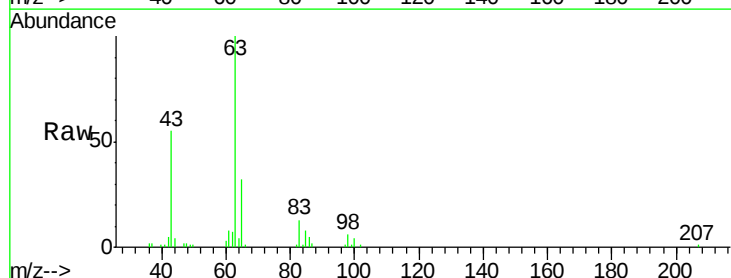
Tgt Ion: 63 Resp: 85171

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.7

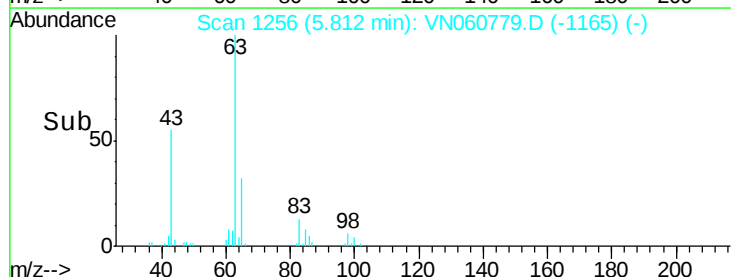
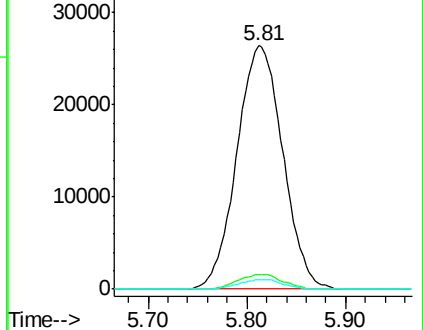
100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

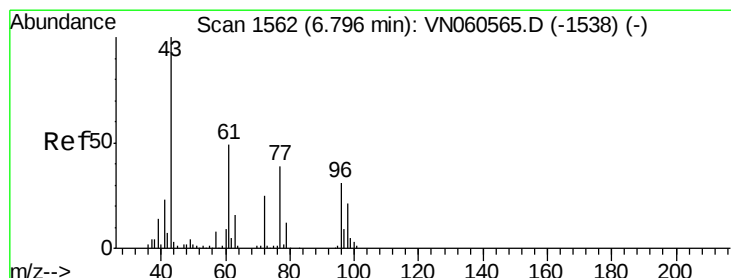
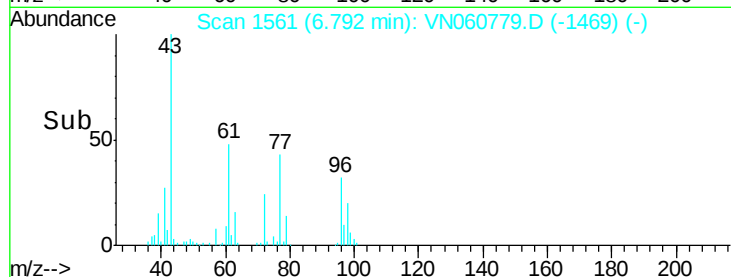
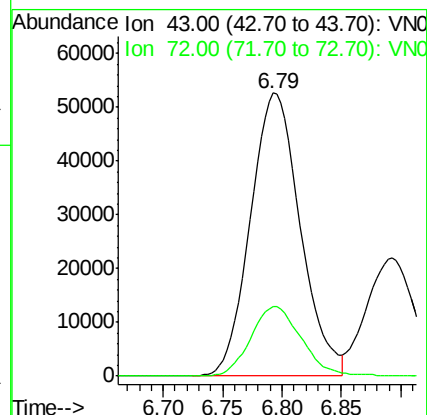
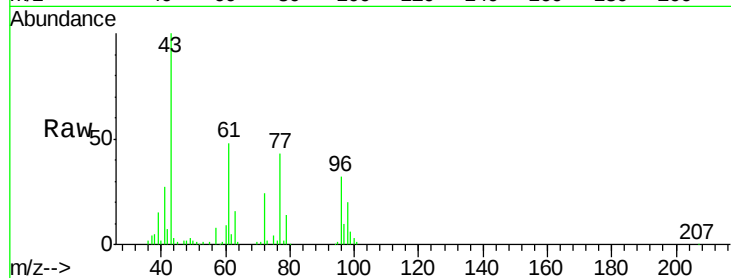




#25
 2-Butanone
 Concen: 97.792 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

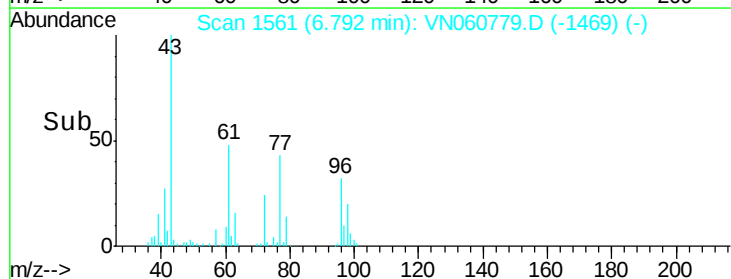
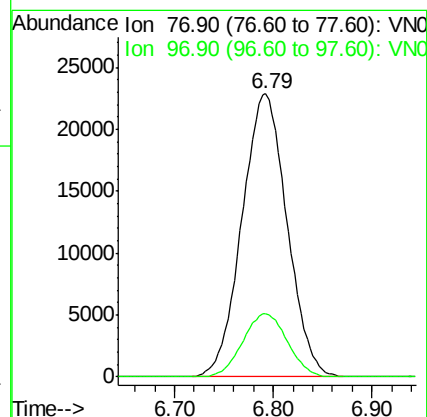
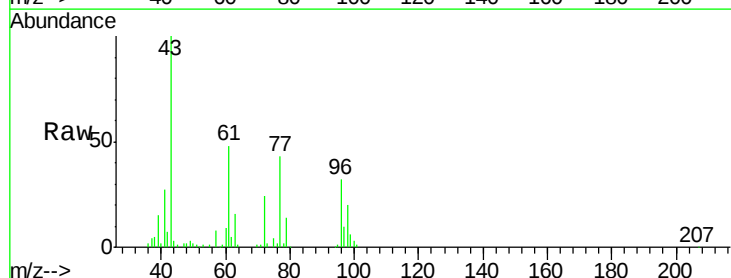
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Tot Ion: 43 Resp: 153053
 Ion Ratio Lower Upper
 43 100
 72 24.4 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 21.046 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 77 Resp: 72233
 Ion Ratio Lower Upper
 77 100
 97 22.1 11.4 34.1

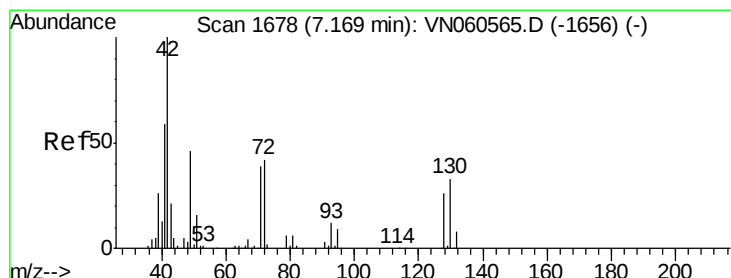
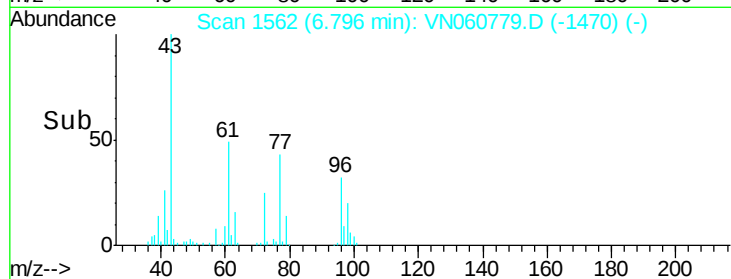
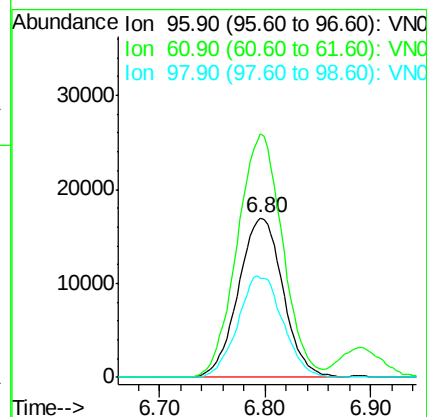
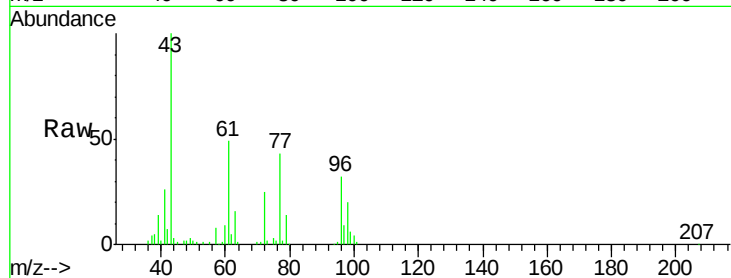




#27
 cis-1,2-Dichloroethene
 Concen: 19.119 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

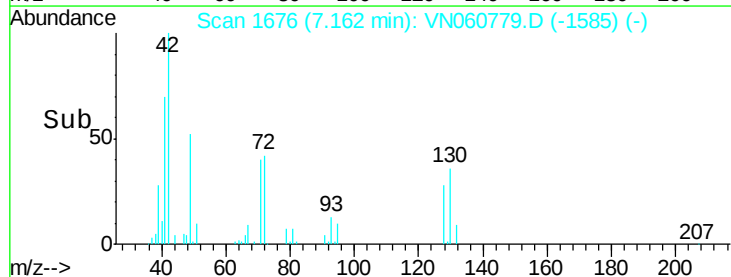
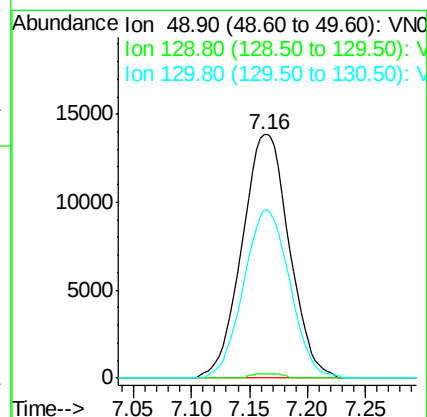
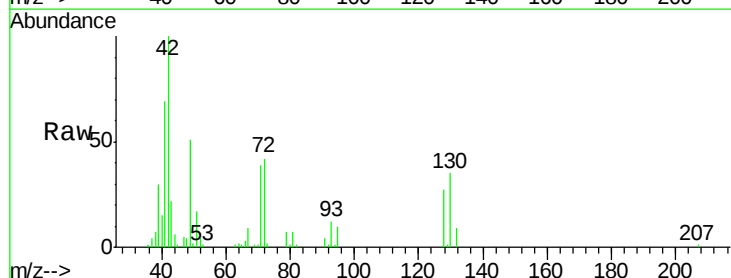
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

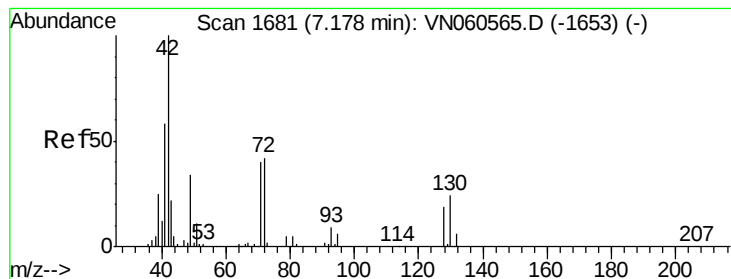
Tot Ion: 96 Resp: 49866
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 305.6
 98 63.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 18.820 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 49 Resp: 39279
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 67.5 55.0 82.4





#29

Tetrahydrofuran

Concen: 93.373 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

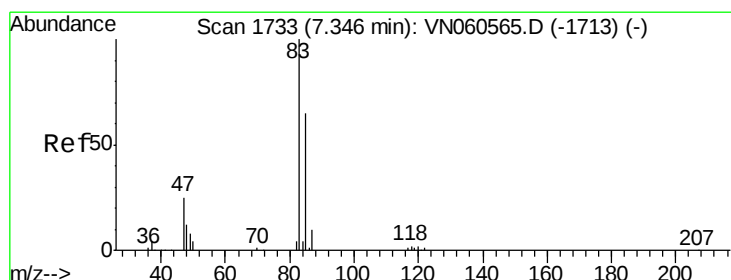
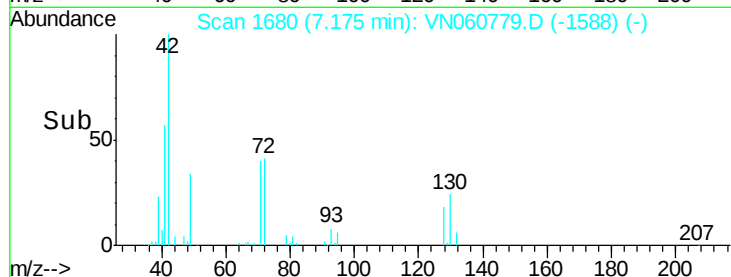
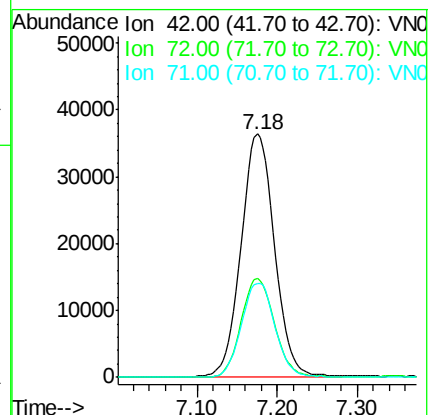
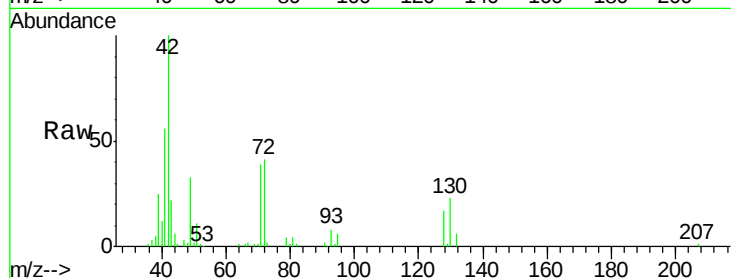
Tot Ion: 42 Resp: 103398

Ion Ratio Lower Upper

42 100

72 40.3 33.2 49.8

71 38.7 31.1 46.7



#30

Chloroform

Concen: 19.073 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060779.D

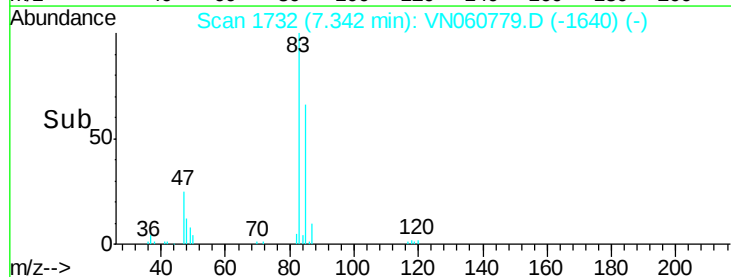
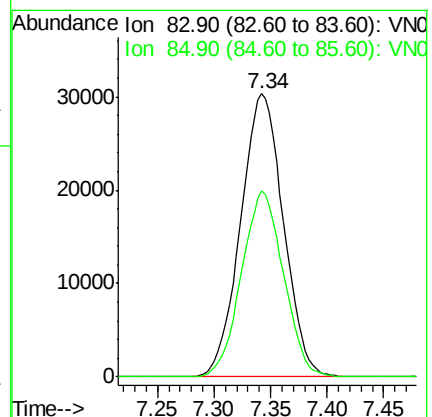
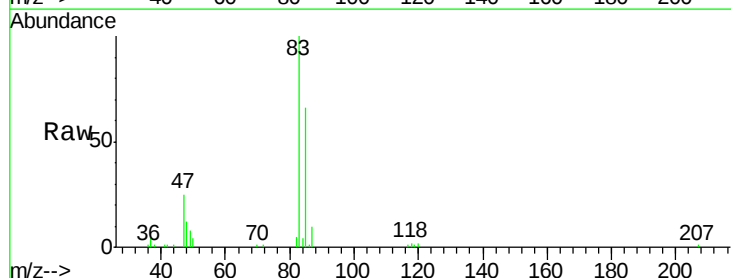
Acq: 31 Mar 2020 12:30

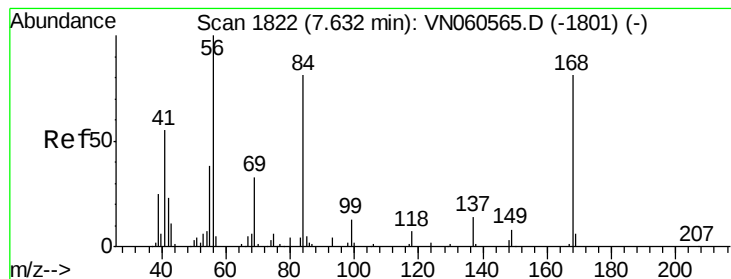
Tgt Ion: 83 Resp: 79761

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8





#31

Cyclohexane

Concen: 18.548 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

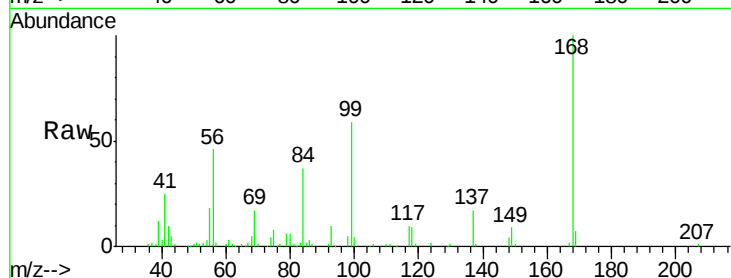
Tot Ion: 56 Resp: 81571

Ion Ratio Lower Upper

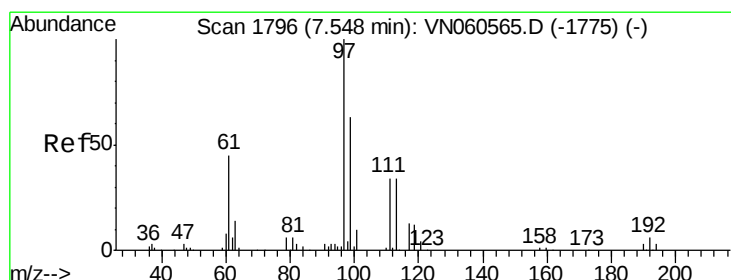
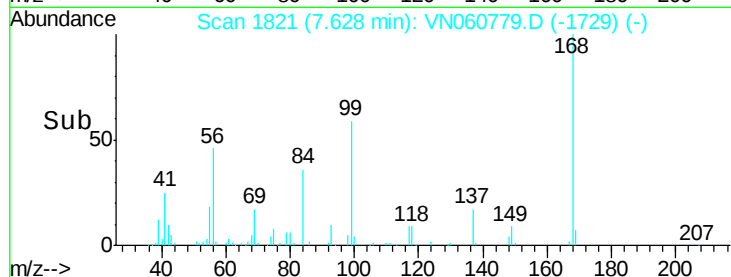
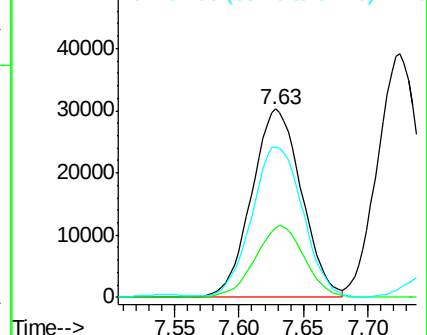
56 100

69 37.0 26.6 40.0

84 79.2 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.180 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

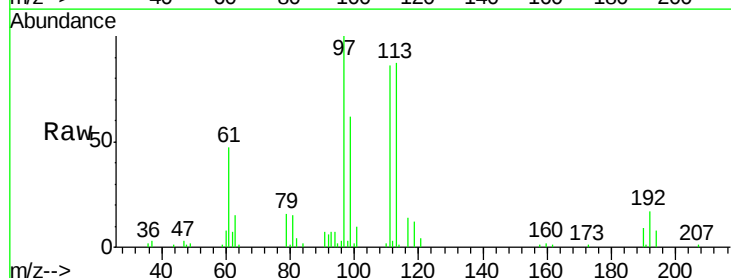
Tgt Ion: 97 Resp: 69145

Ion Ratio Lower Upper

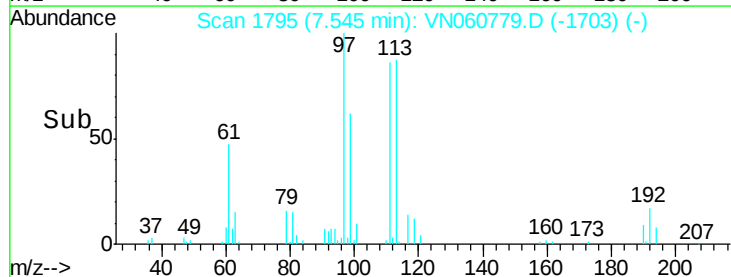
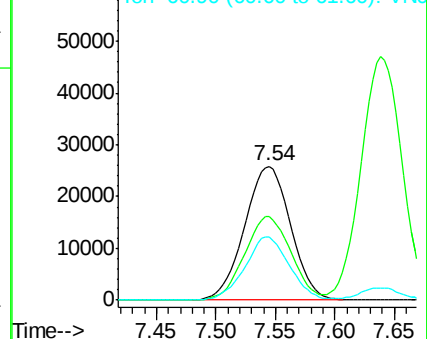
97 100

99 62.9 50.6 75.8

61 45.6 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.693 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

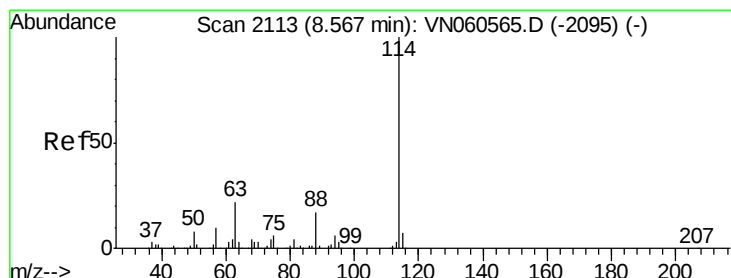
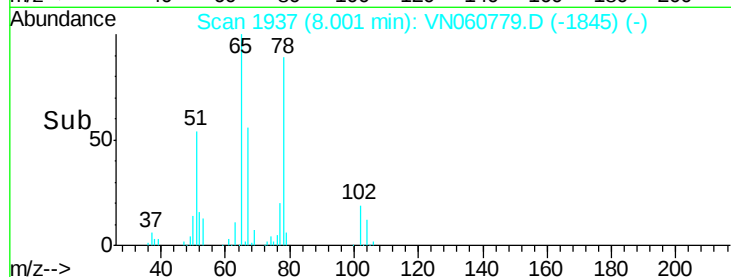
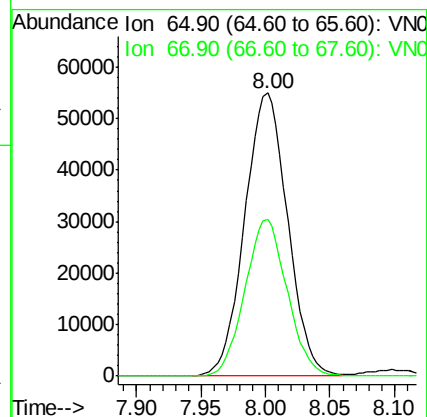
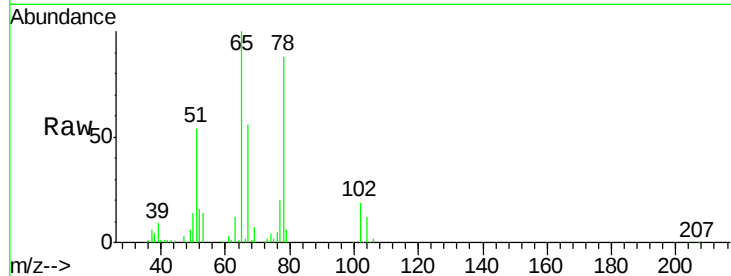
VN0331WBS01

Tot Ion: 65 Resp: 127496

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

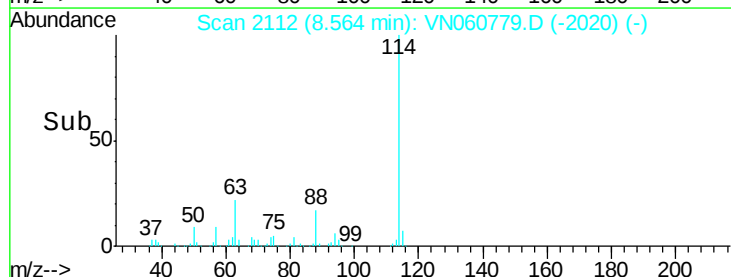
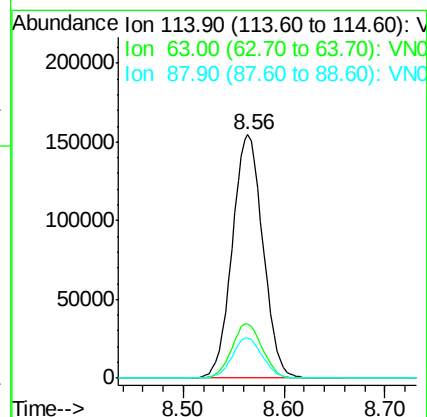
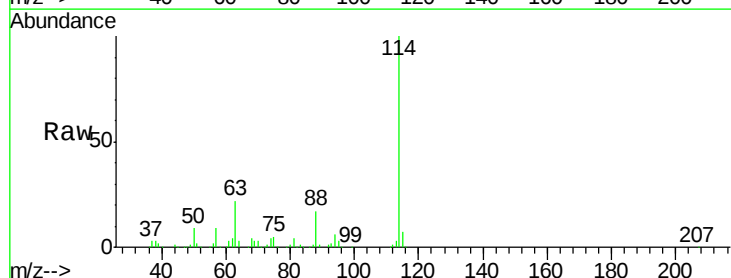
Tgt Ion: 114 Resp: 326605

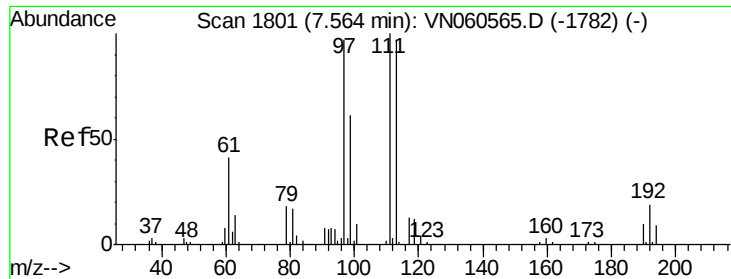
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.7 0.0 33.0

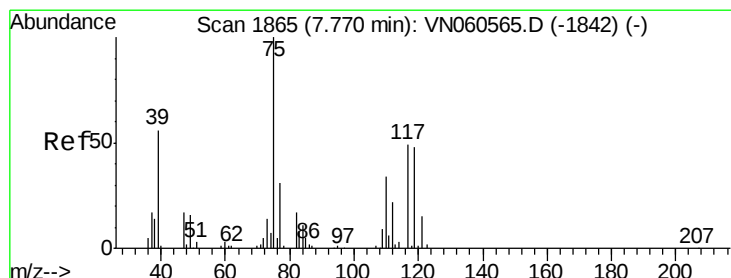
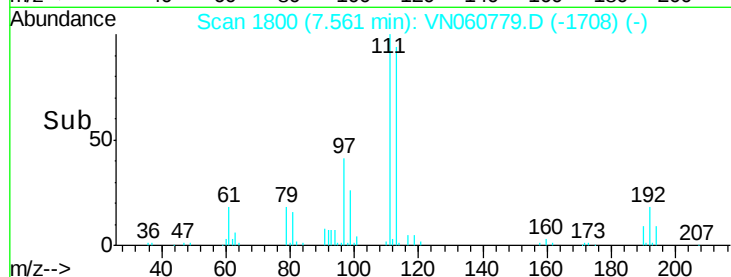
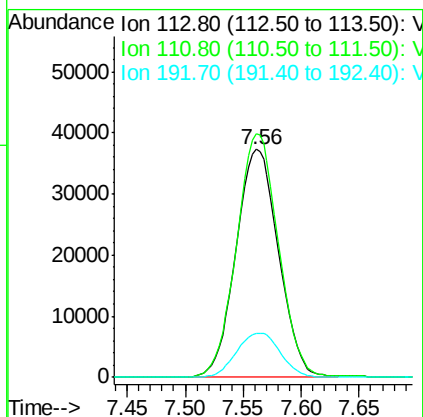
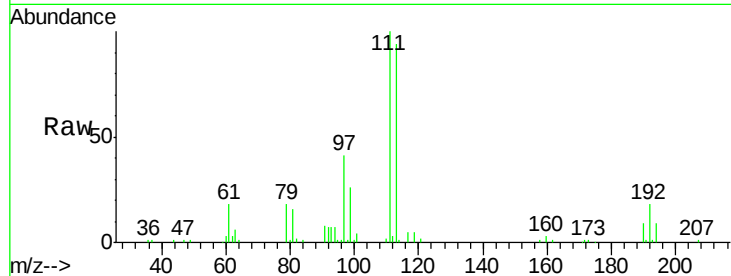




#35
 Dibromofluoromethane
 Concen: 48.362 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

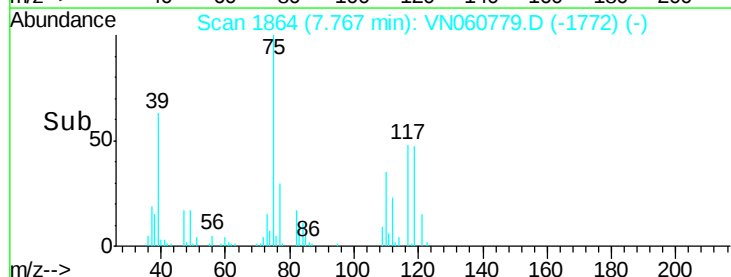
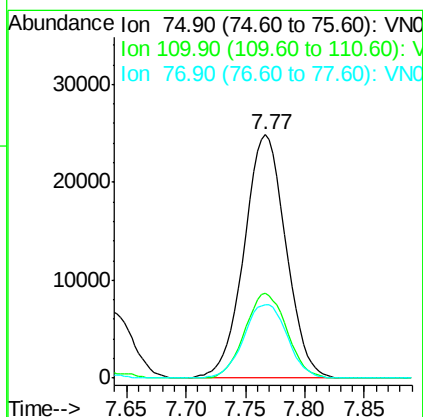
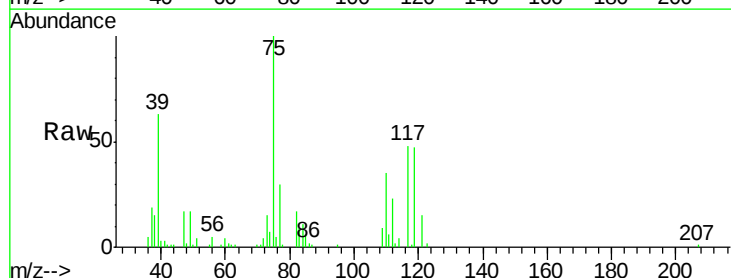
Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBS01

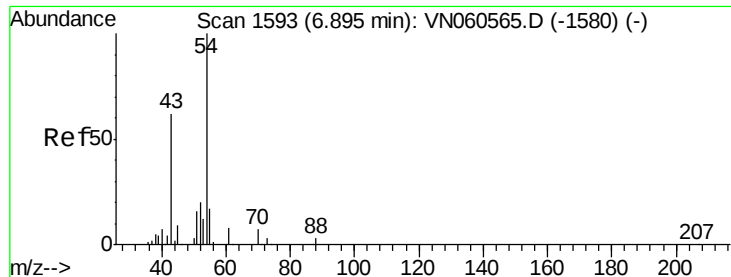
Tot Ion:113 Resp: 95510
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.9 124.3
 192 19.9 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 19.110 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 75 Resp: 60437
 Ion Ratio Lower Upper
 75 100
 110 34.9 16.9 50.6
 77 31.5 24.6 36.8

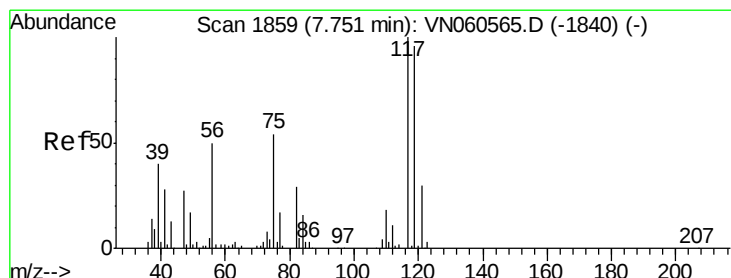
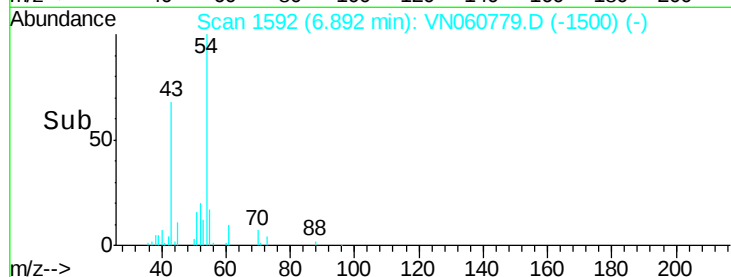
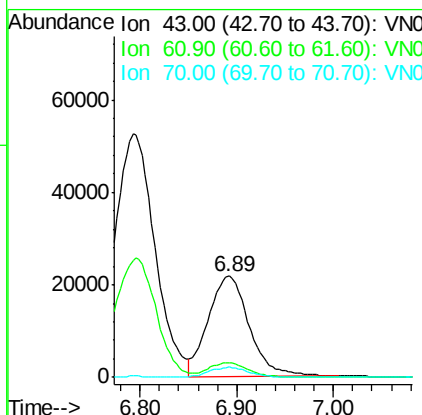
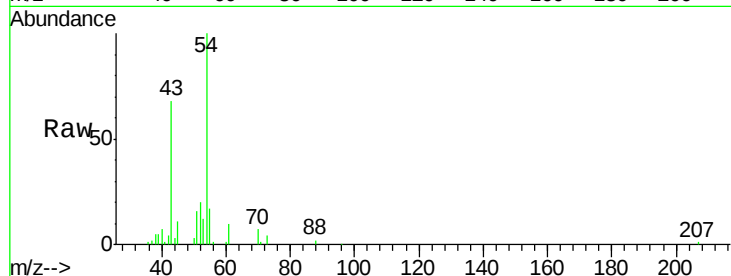




#37
Ethyl Acetate
Concen: 18.744 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

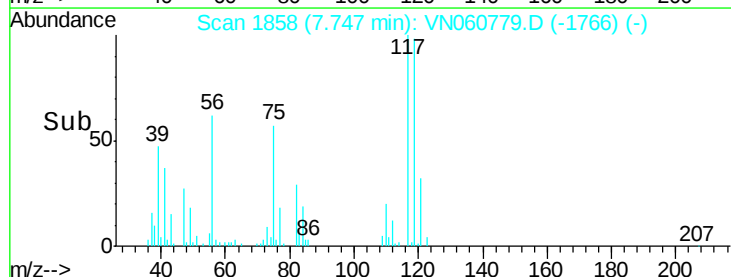
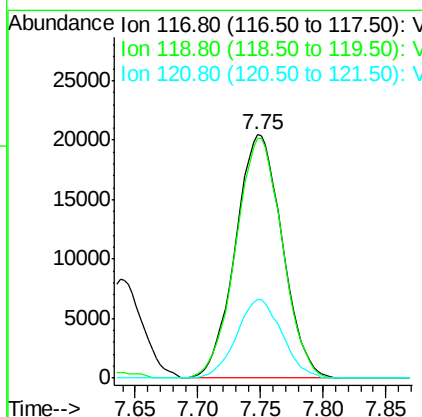
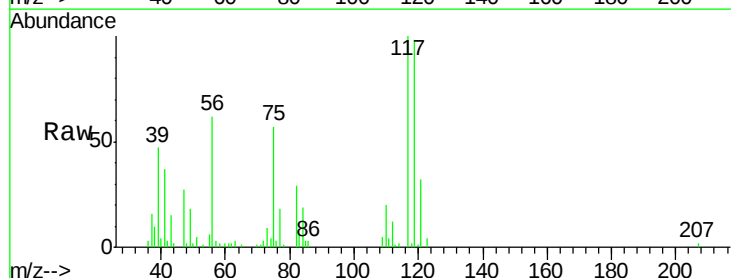
Instrument :
MSVOA_N
ClientSampled :
VN0331WBS01

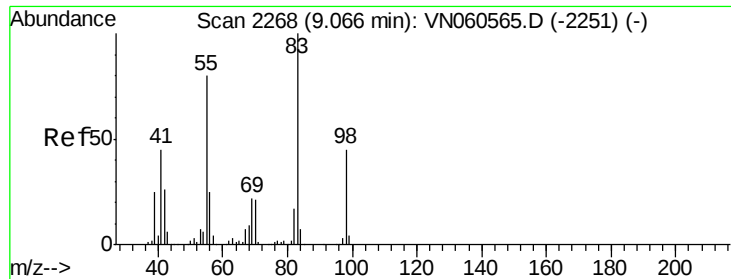
Tot Ion: 43 Resp: 64051
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.707 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion: 117 Resp: 53024
Ion Ratio Lower Upper
117 100
119 98.3 76.2 114.2
121 32.4 23.7 35.5

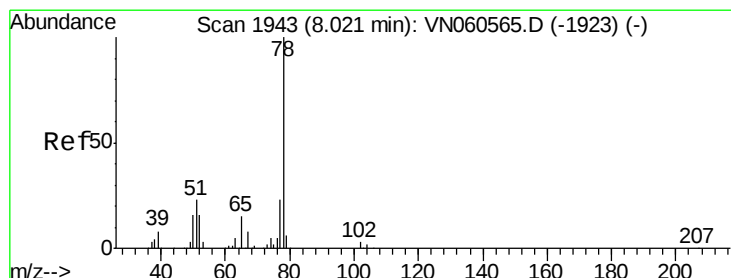
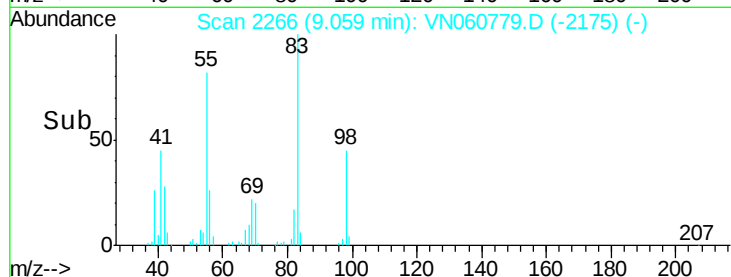
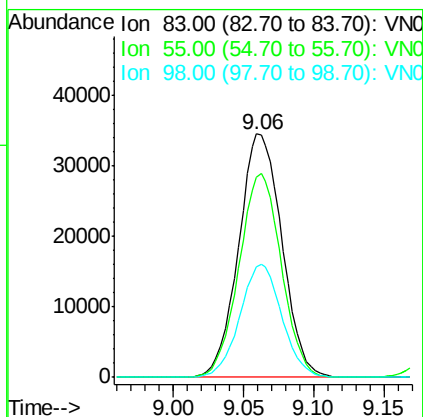
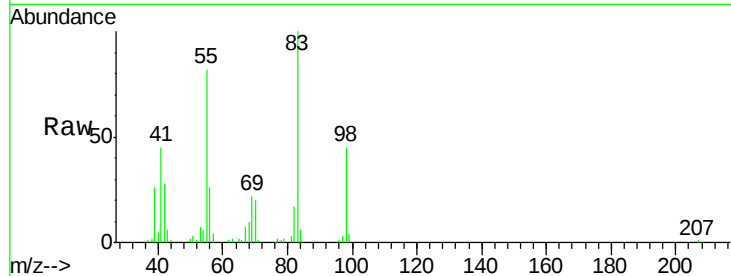




#39
Methvlcvclohexane
Concen: 19.683 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

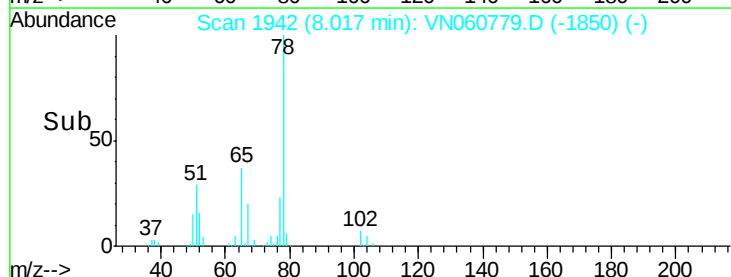
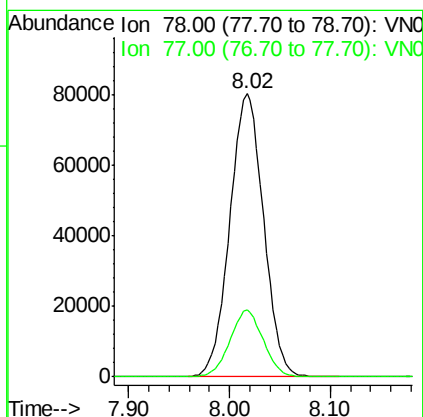
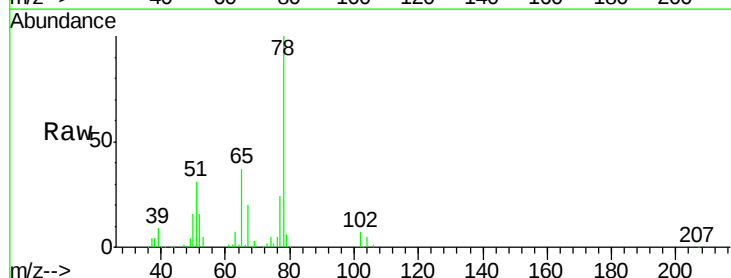
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

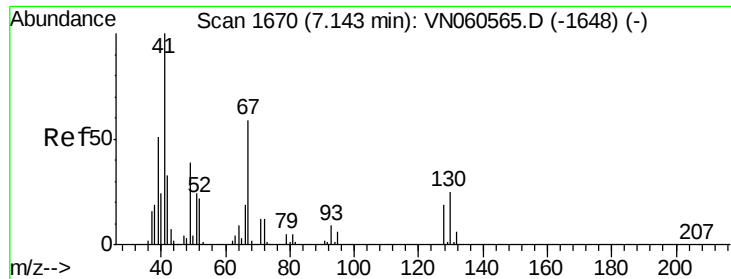
Tot Ion: 83 Resp: 73973
Ion Ratio Lower Upper
83 100
55 82.4 63.6 95.4
98 45.2 36.0 54.0



#40
Benzene
Concen: 19.620 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion: 78 Resp: 187310
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

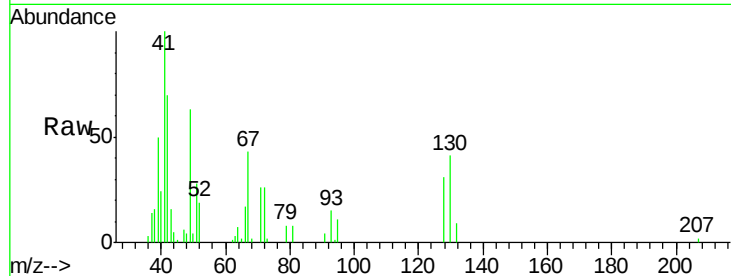




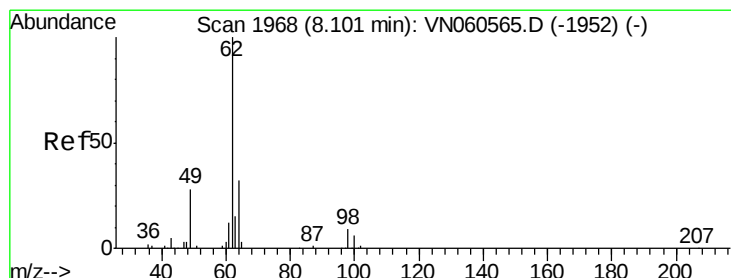
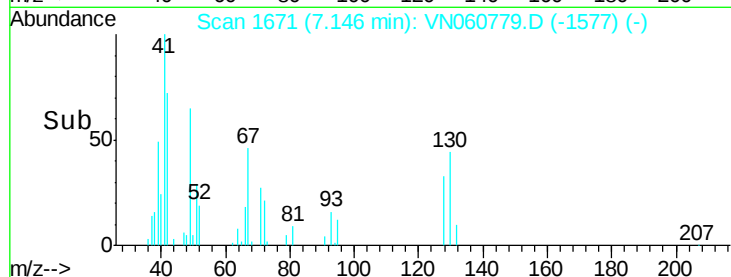
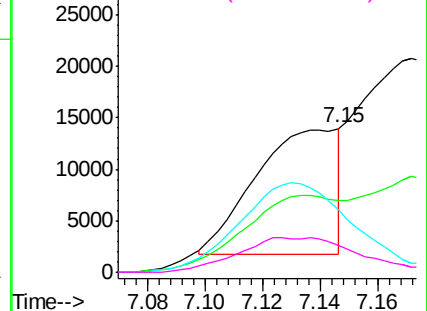
#41
Methacrylonitrile
Concen: 16.657 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN0331WBS01

Tot Ion:	41	Resp:	24292
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

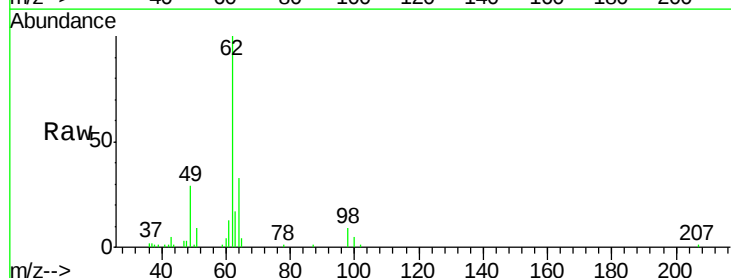


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

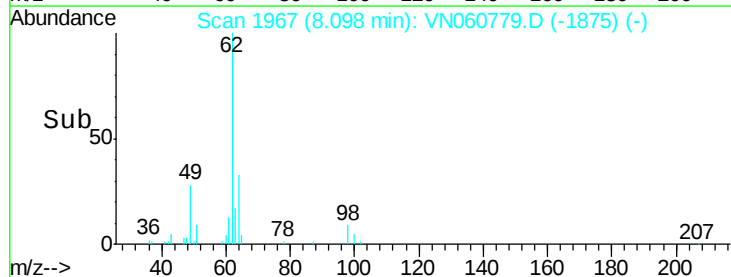
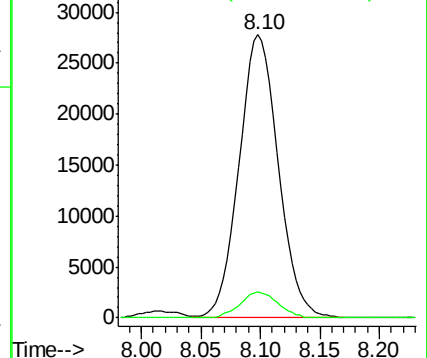


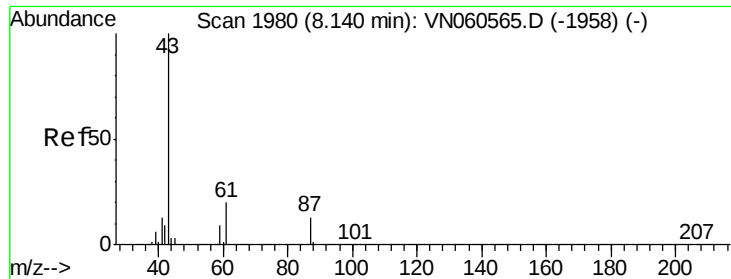
#42
1,2-Dichloroethane
Concen: 19.509 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion:	62	Resp:	63652
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.230 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

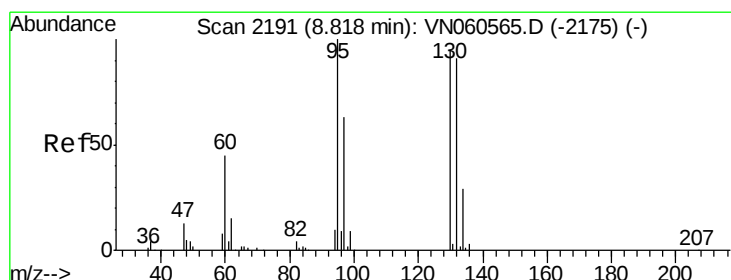
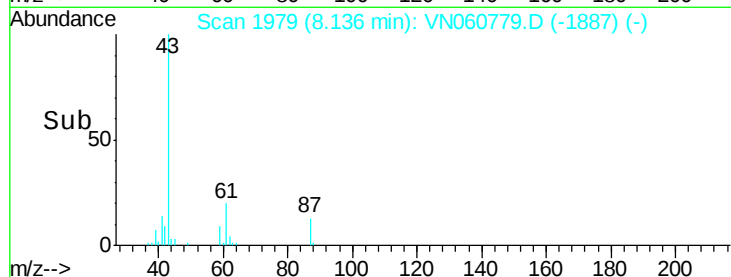
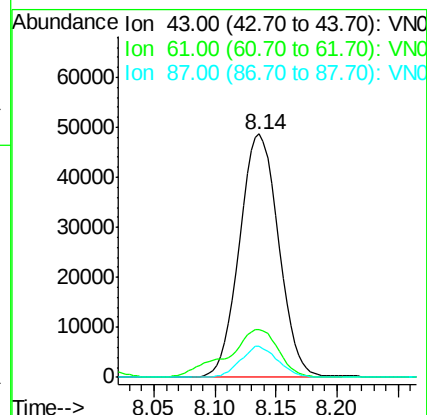
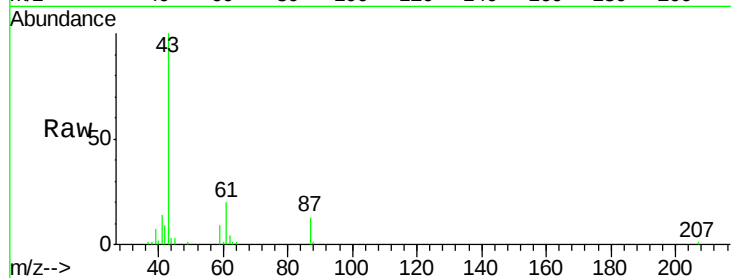
Tot Ion: 43 Resp: 108375

Ion Ratio Lower Upper

43 100

61 25.6 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 19.236 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060779.D

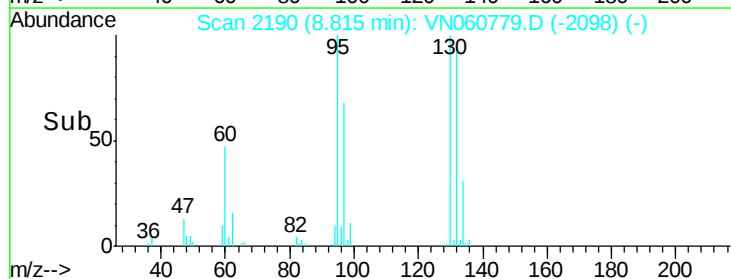
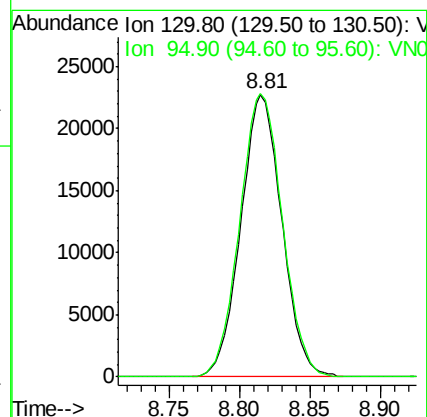
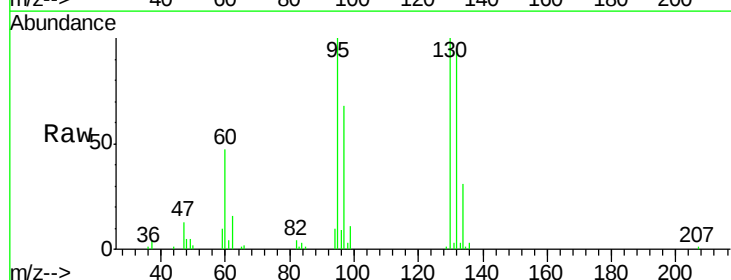
Acq: 31 Mar 2020 12:30

Tgt Ion: 130 Resp: 46296

Ion Ratio Lower Upper

130 100

95 100.2 0.0 211.2

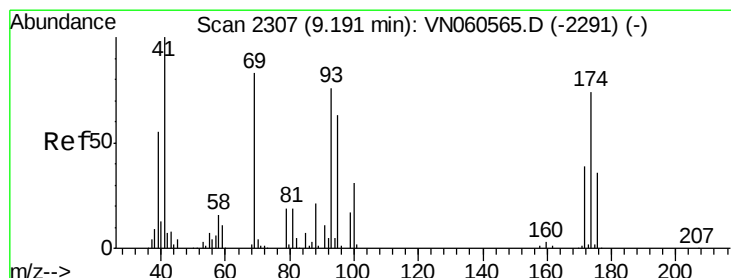
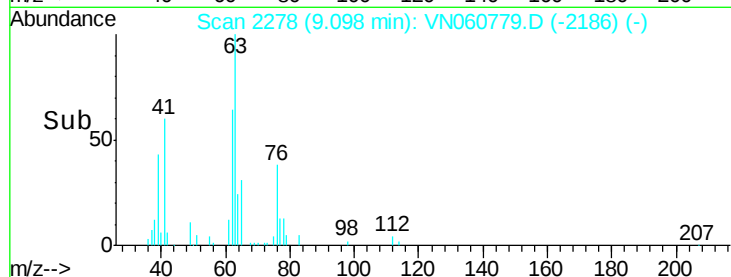
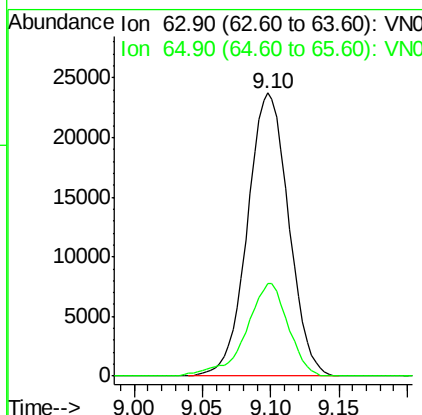
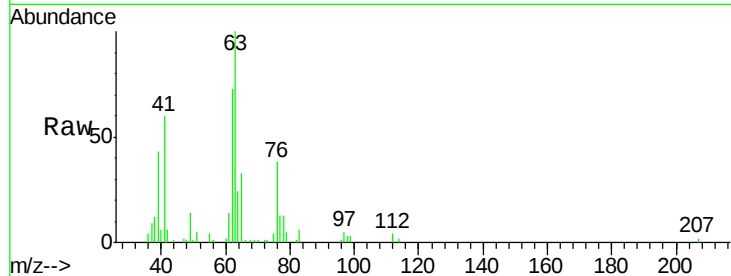




#45
 1,2-Dichloropropane
 Concen: 19.768 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

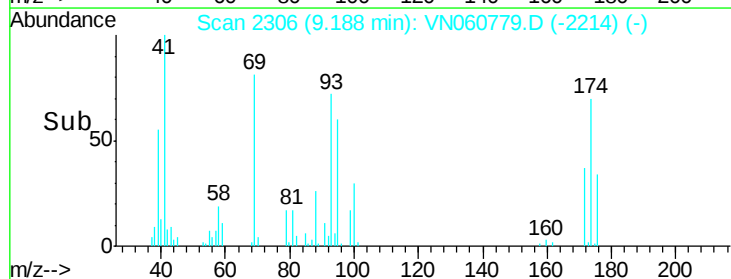
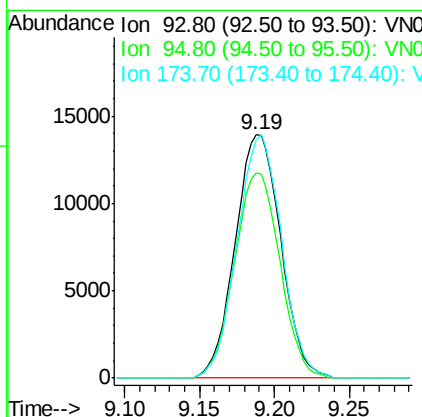
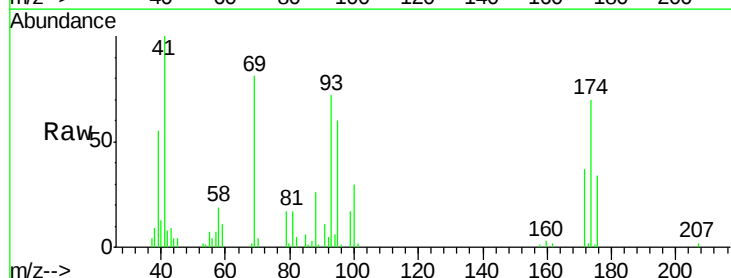
Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBS01

Tot Ion: 63 Resp: 49797
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.4 38.0



#46
 Dibromomethane
 Concen: 19.421 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 93 Resp: 29577
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 97.6 77.9 116.9





#47

Bromodichloromethane

Concen: 19.529 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

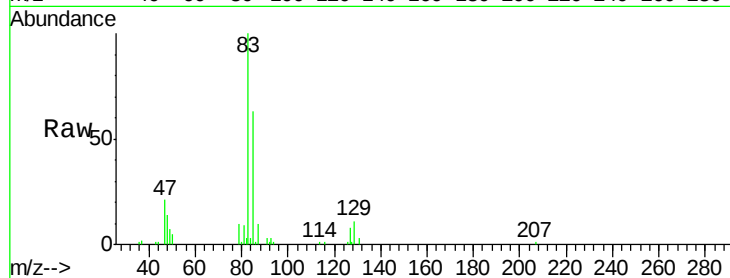
Tot Ion: 83 Resp: 61805

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

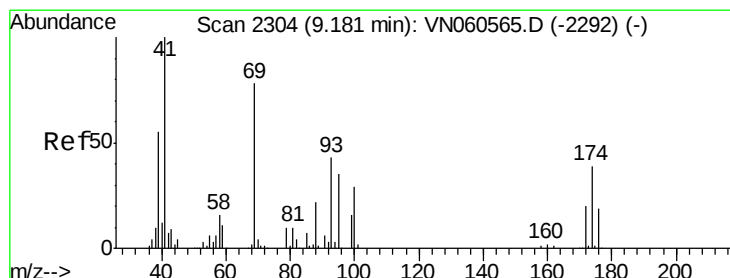
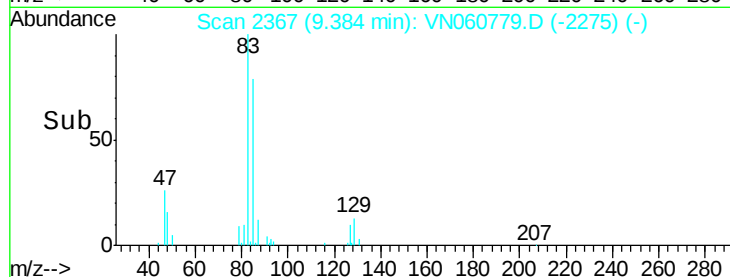
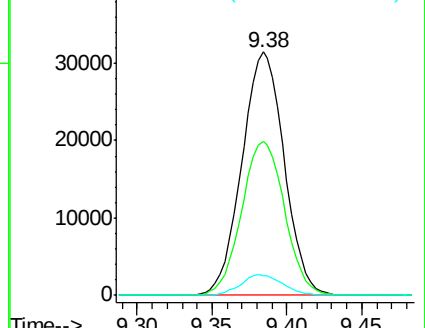
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060779.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060779.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060779.D (-2275) (-)



#48

Methyl methacrylate

Concen: 18.583 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

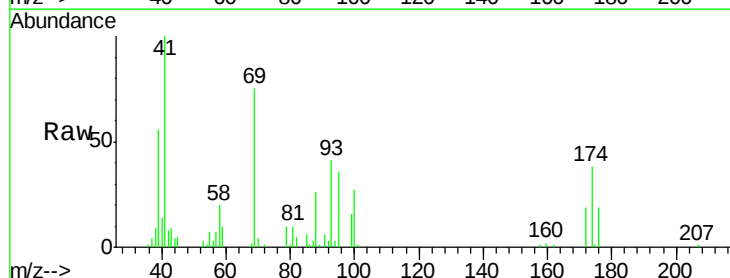
Tgt Ion: 41 Resp: 46627

Ion Ratio Lower Upper

41 100

69 81.0 65.4 98.0

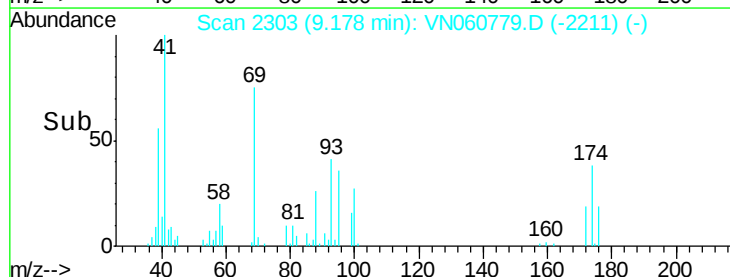
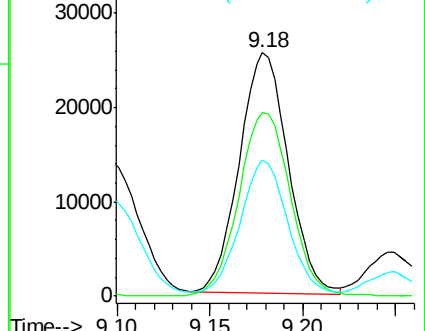
39 53.6 44.0 66.0

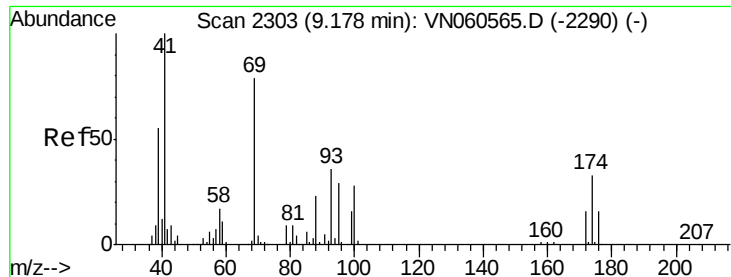


Abundance Ion 41.00 (40.70 to 41.70): VN060779.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060779.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060779.D (-2211) (-)

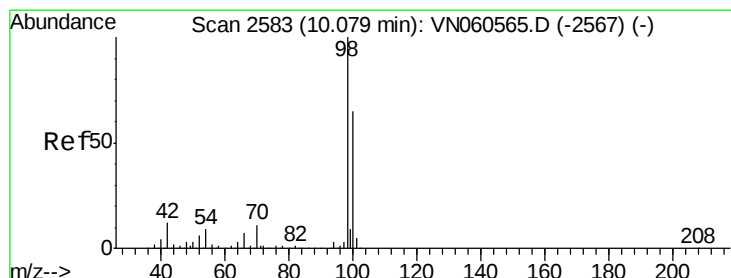
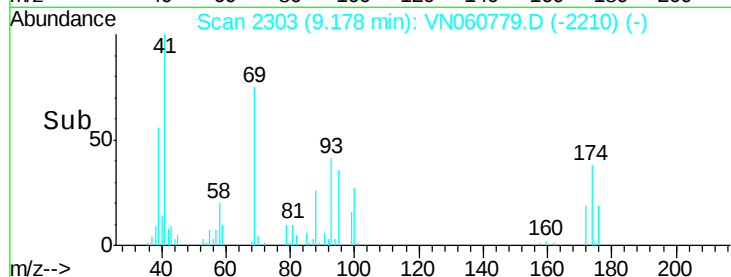
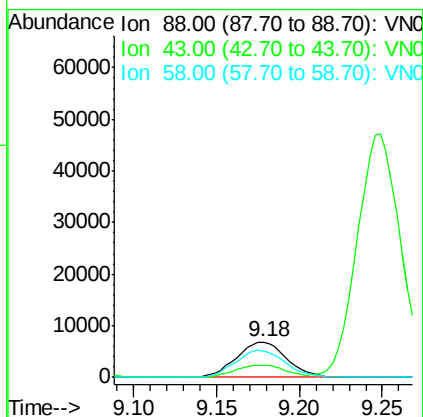
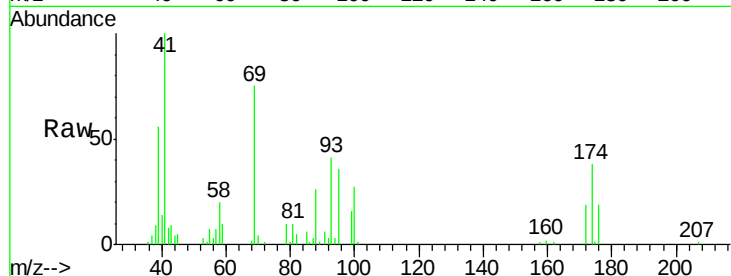




#49
 1,4-Dioxane
 Concen: 478.338 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

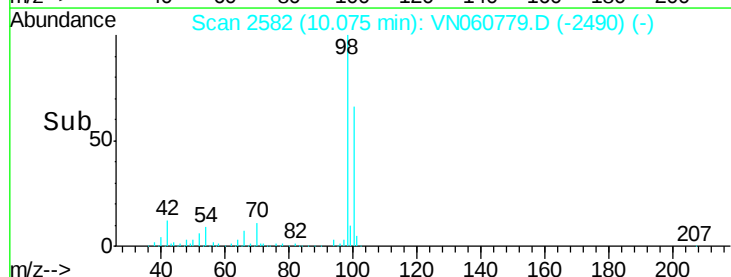
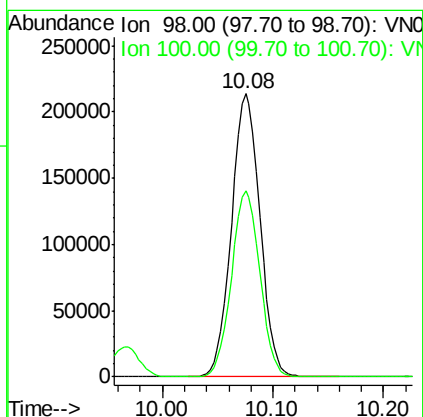
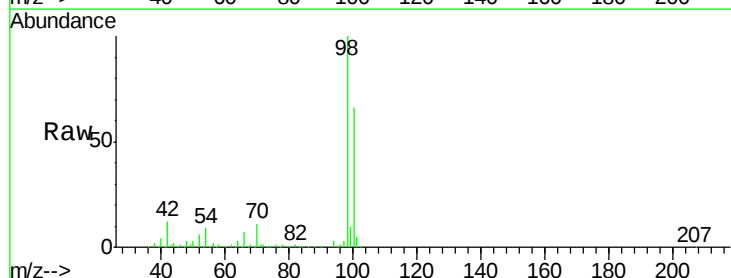
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Tot Ion: 88 Resp: 14266
 Ion Ratio Lower Upper
 88 100
 43 34.8 30.8 46.2
 58 76.2 59.8 89.8



#50
 Toluene-d8
 Concen: 47.554 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 98 Resp: 383597
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 97.330 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

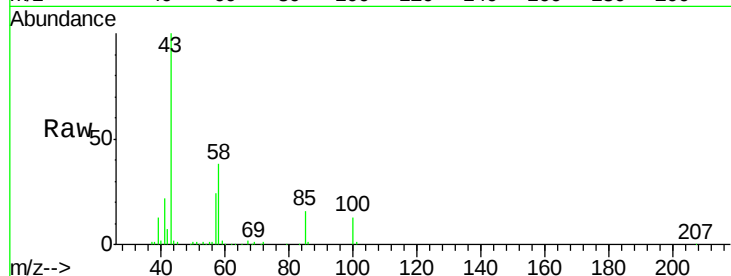
VN0331WBS01

Tot Ion: 43 Resp: 312130

Ion Ratio Lower Upper

43 100

58 38.2 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060779.D (-2548) (-)

Ion 58.00 (57.70 to 58.70): VN060779.D (-2548) (-)

9.97

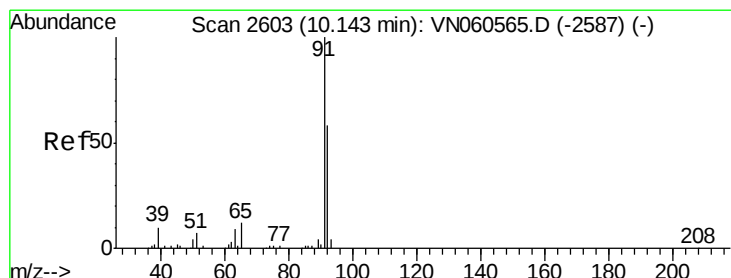
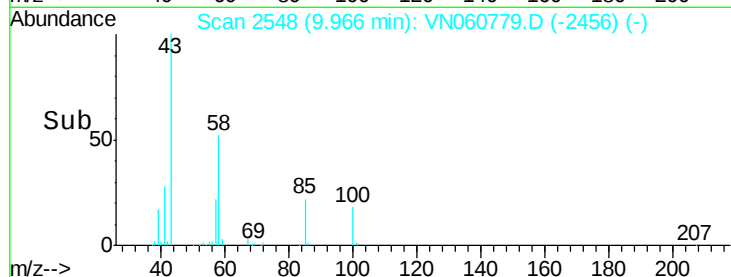
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.364 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060779.D

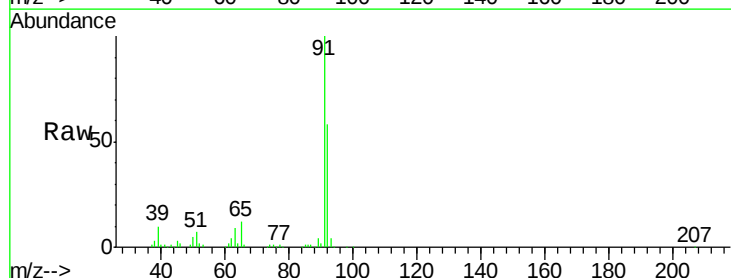
Acq: 31 Mar 2020 12:30

Tgt Ion: 92 Resp: 111650

Ion Ratio Lower Upper

92 100

91 172.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060779.D (-2602) (-)

Ion 91.00 (90.70 to 91.70): VN060779.D (-2602) (-)

10.14

120000

100000

80000

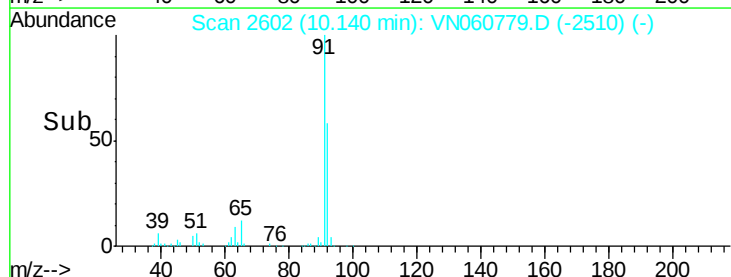
60000

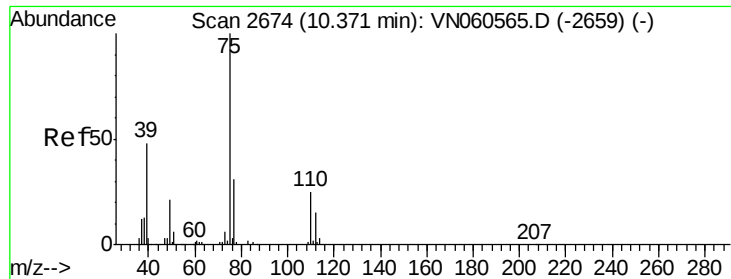
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.809 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

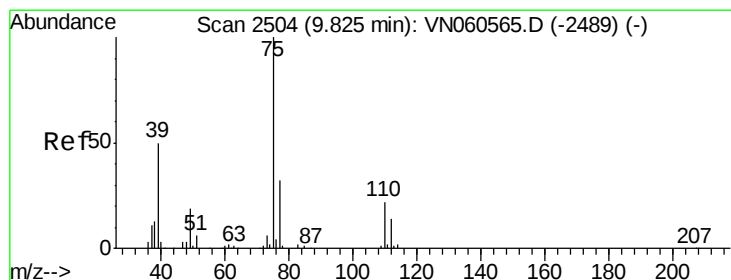
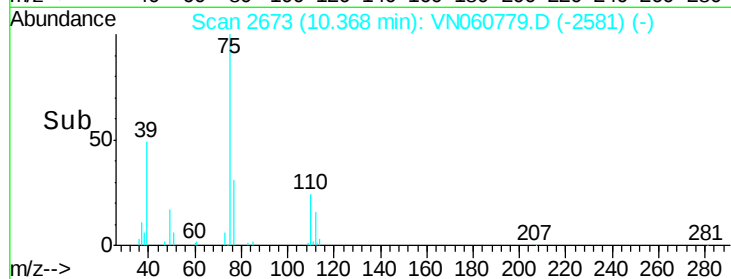
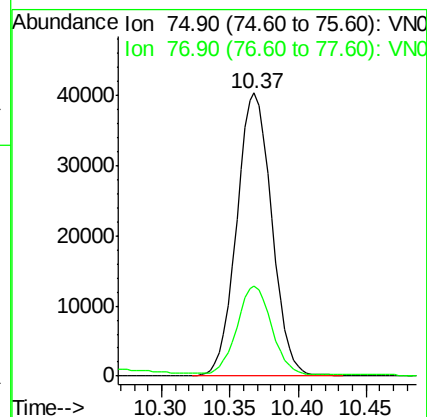
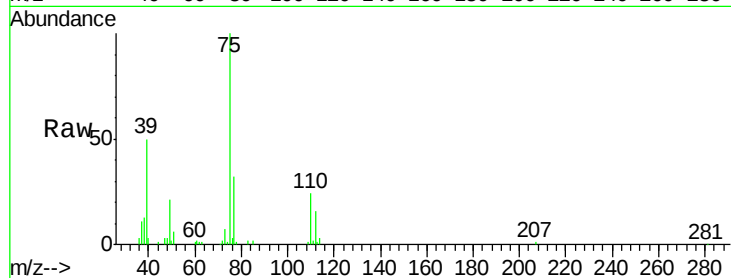
VN0331WBS01

Tot Ion: 75 Resp: 72010

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.678 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

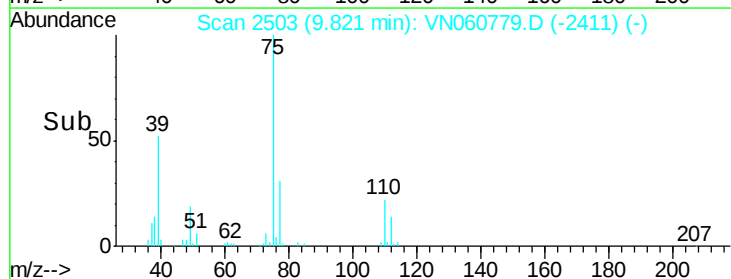
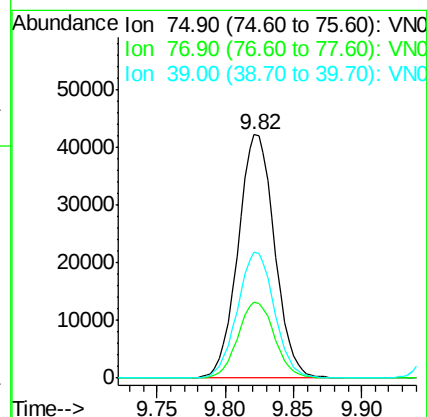
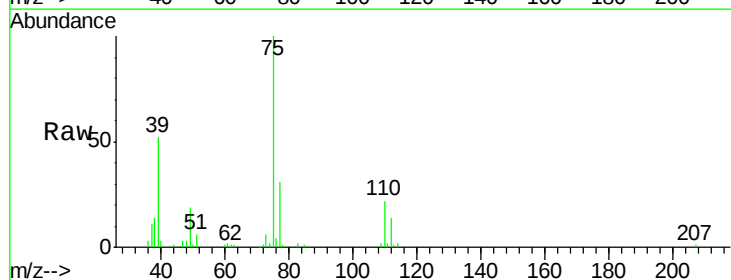
Tgt Ion: 75 Resp: 78478

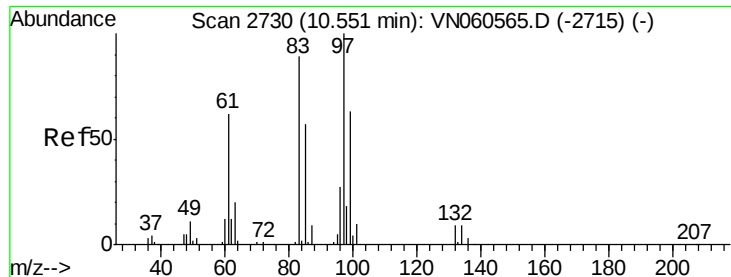
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 51.7 40.2 60.4

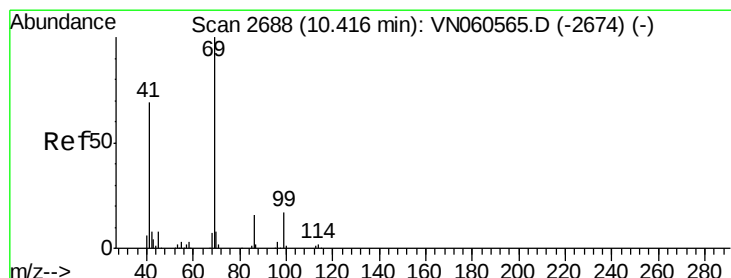
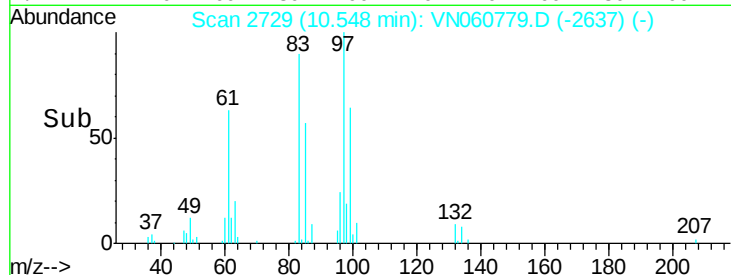
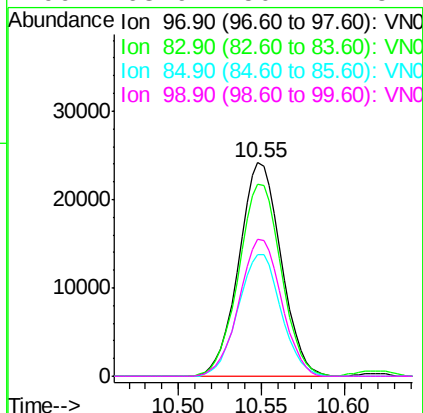
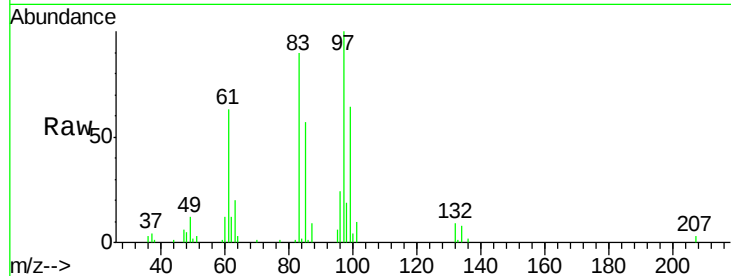




#55
 1,1,2-Trichloroethane
 Concen: 19.310 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

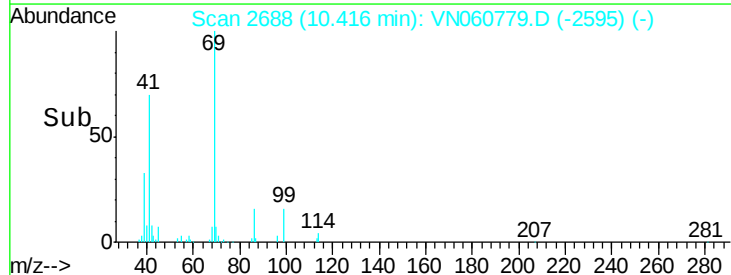
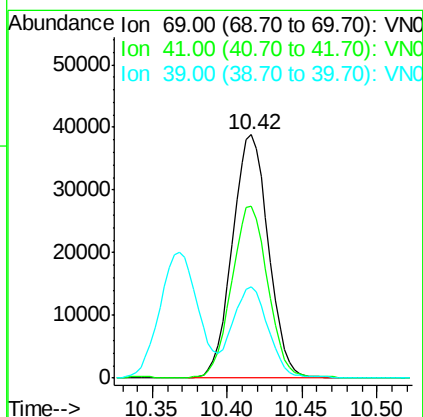
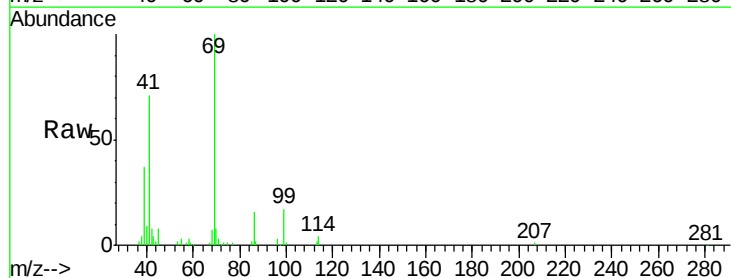
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Tot Ion: 97 Resp: 42832
 Ion Ratio Lower Upper
 97 100
 83 90.1 71.3 106.9
 85 57.2 45.2 67.8
 99 63.9 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 18.874 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 69 Resp: 65277
 Ion Ratio Lower Upper
 69 100
 41 71.1 55.4 83.2
 39 37.3 29.4 44.0





#57

1,3-Dichloropropane

Concen: 19.571 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

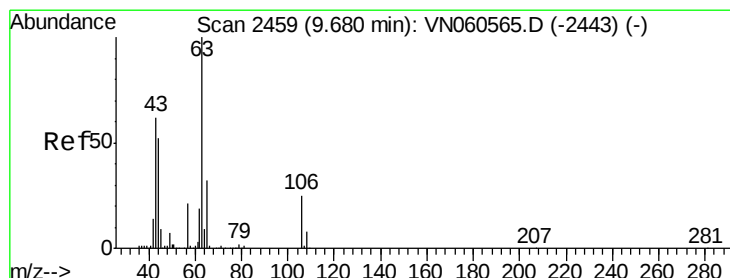
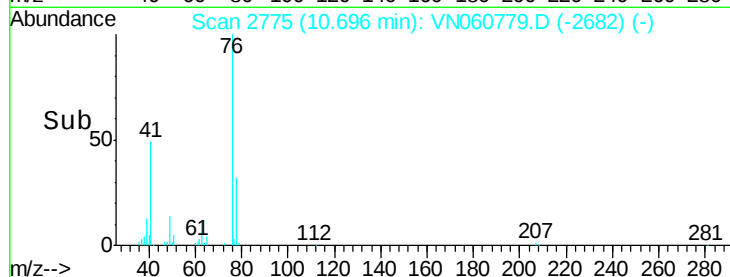
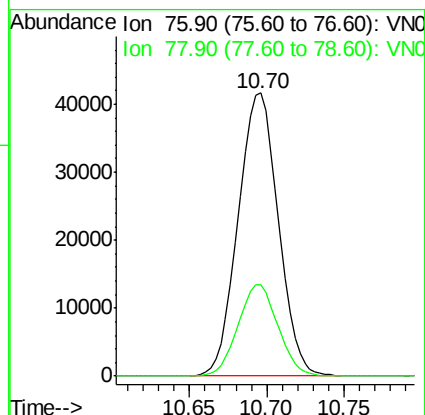
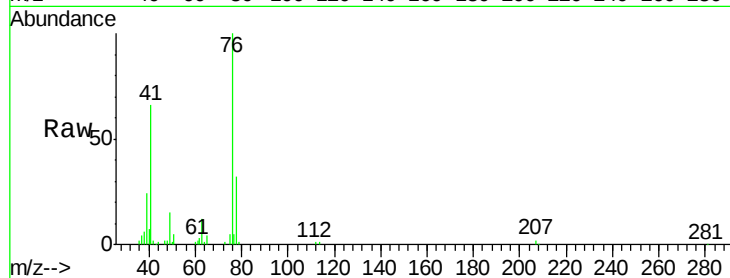
VN0331WBS01

Tot Ion: 76 Resp: 75331

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.080 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060779.D

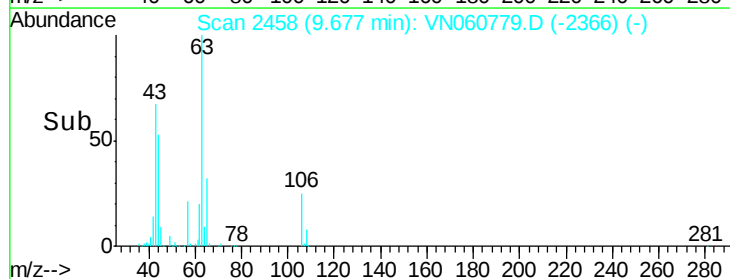
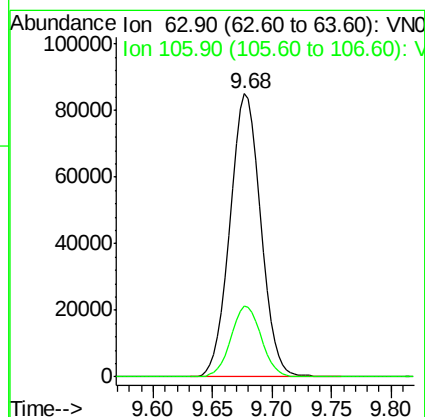
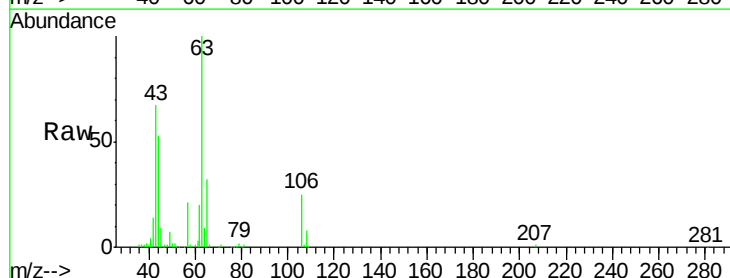
Acq: 31 Mar 2020 12:30

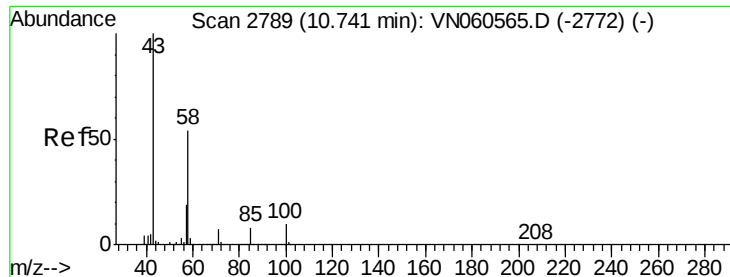
Tgt Ion: 63 Resp: 153125

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0

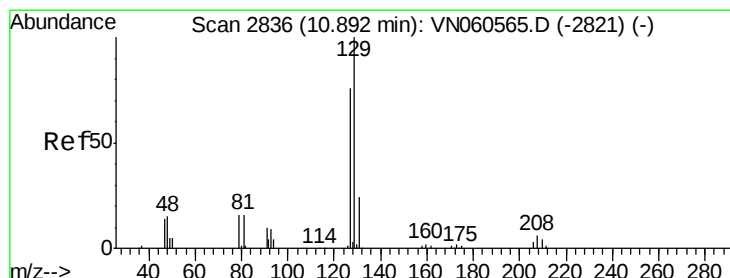
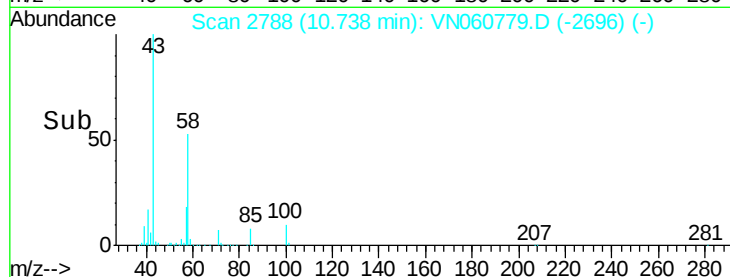
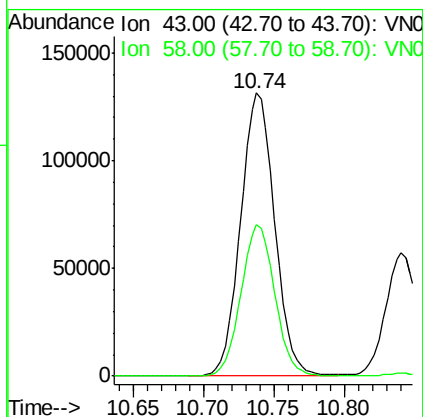
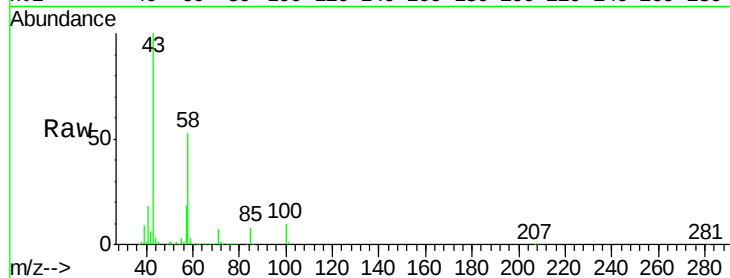




#59
2-Hexanone
Concen: 96.491 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

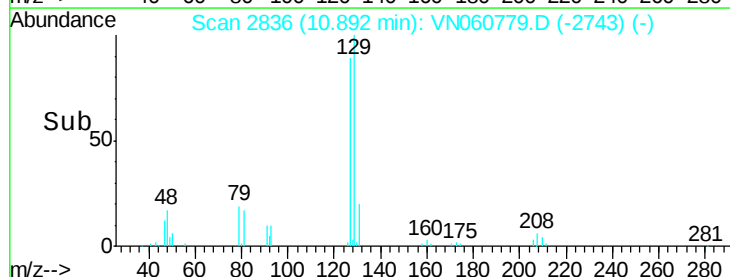
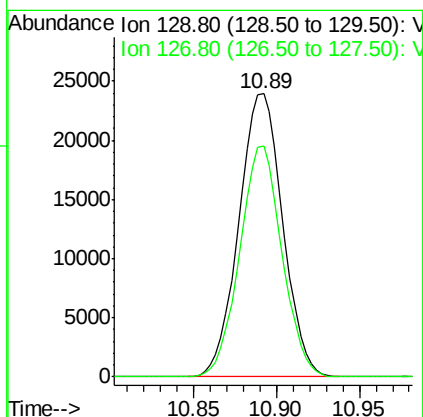
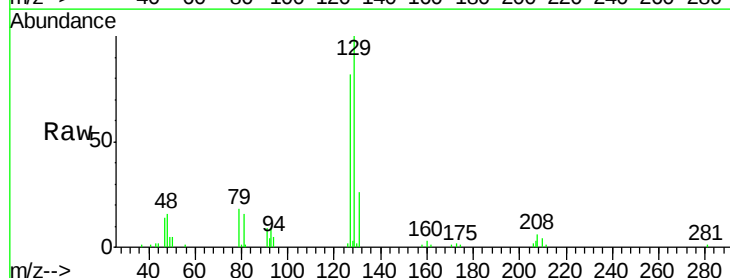
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

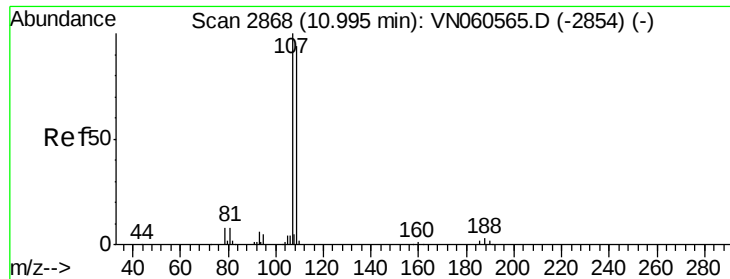
Tot Ion: 43 Resp: 222904
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 19.189 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion: 129 Resp: 43966
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

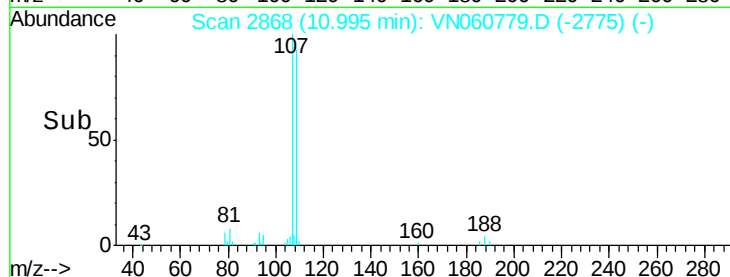
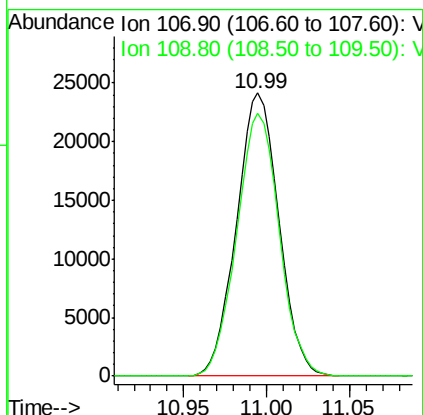
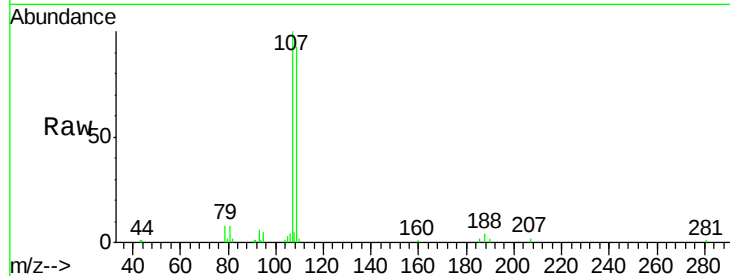




#61
 1,2-Dibromoethane
 Concen: 19.287 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

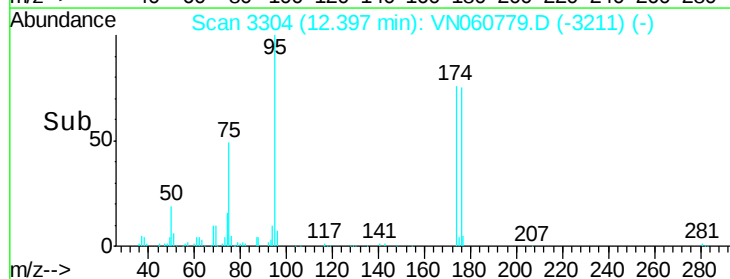
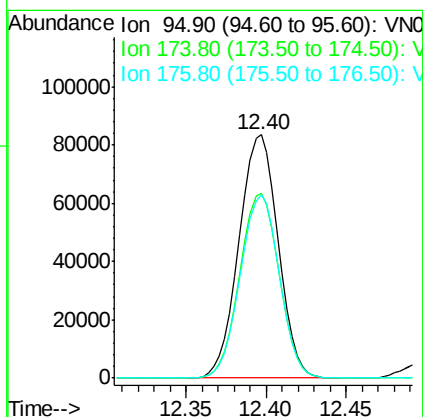
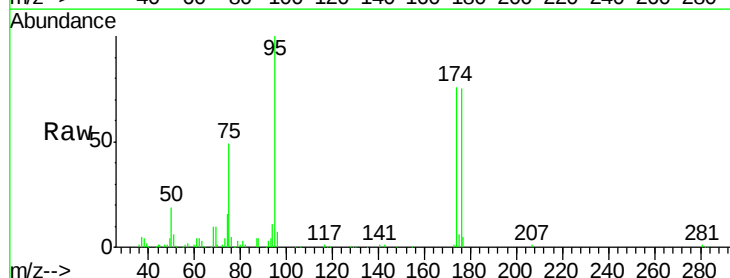
Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBS01

Tot Ion:107 Resp: 43018
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.099 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion: 95 Resp: 139239
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 157.6
 176 75.1 0.0 150.6

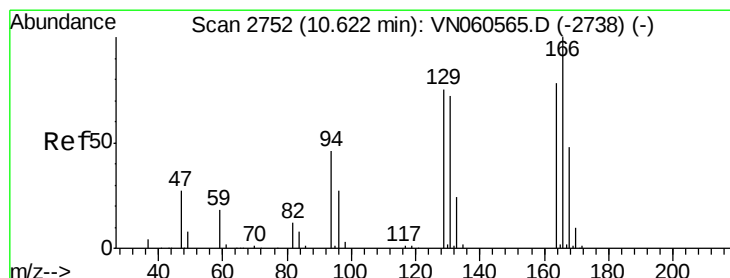
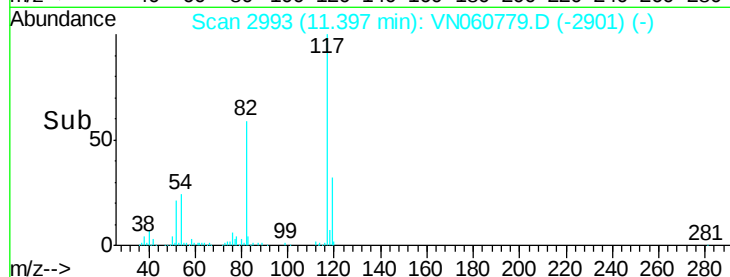
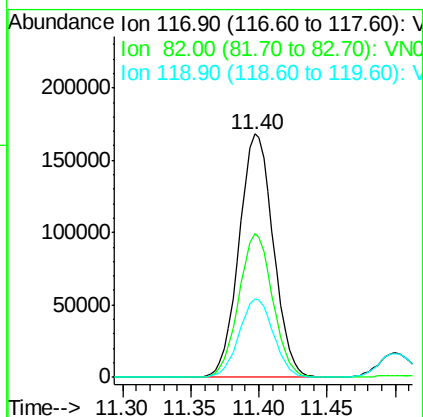
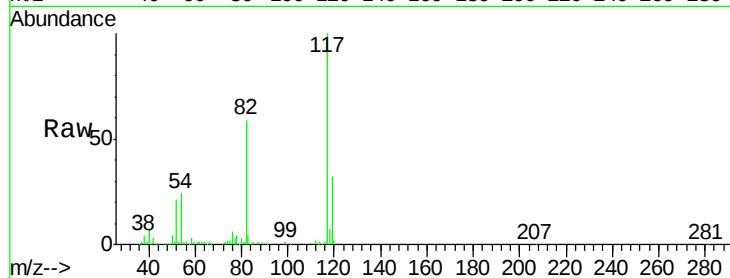




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

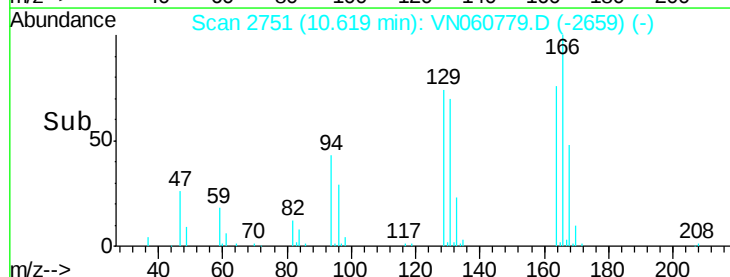
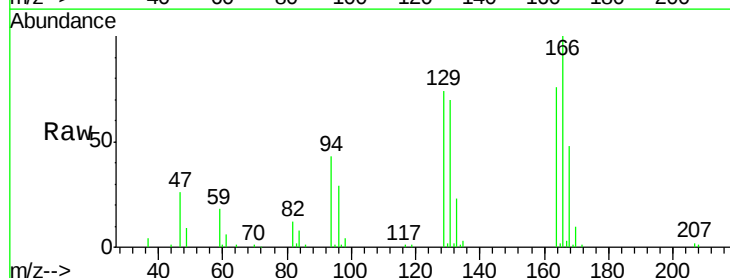
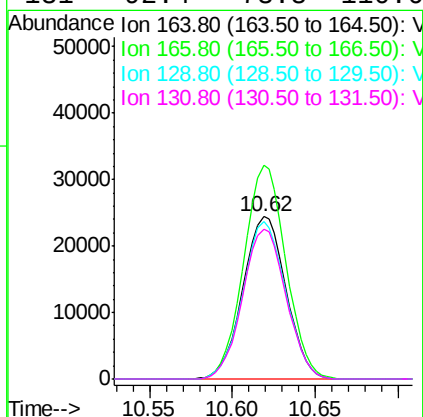
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

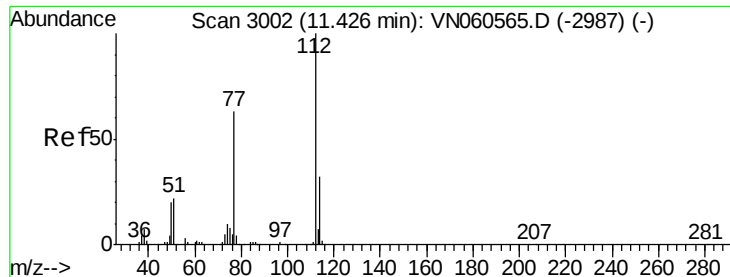
Tot Ion:117 Resp: 293446
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 19.117 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion:164 Resp: 44145
Ion Ratio Lower Upper
164 100
166 131.5 102.7 154.1
129 96.9 77.2 115.8
131 92.4 73.8 110.6

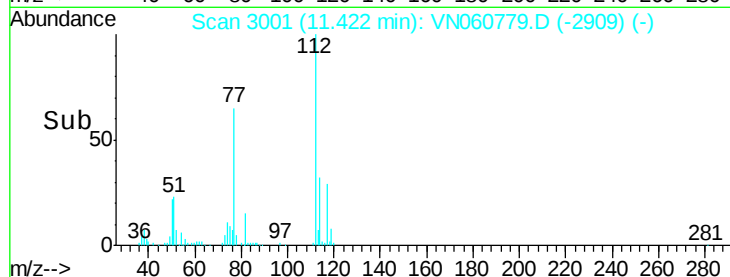
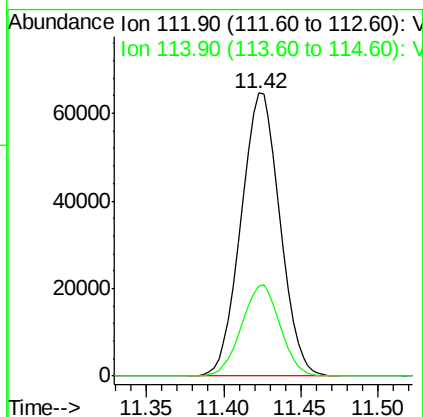
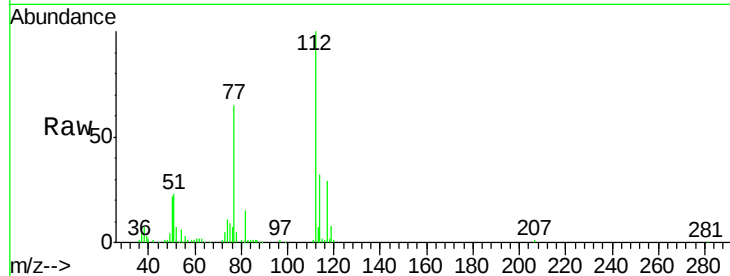




#65
Chlorobenzene
Concen: 19.500 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

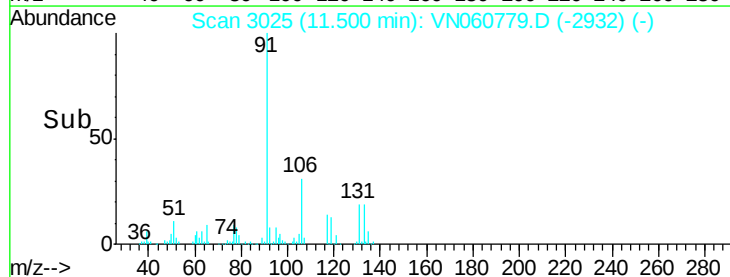
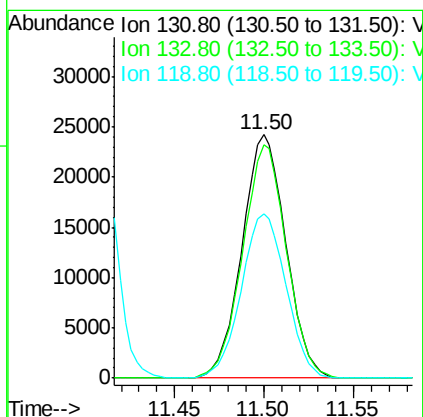
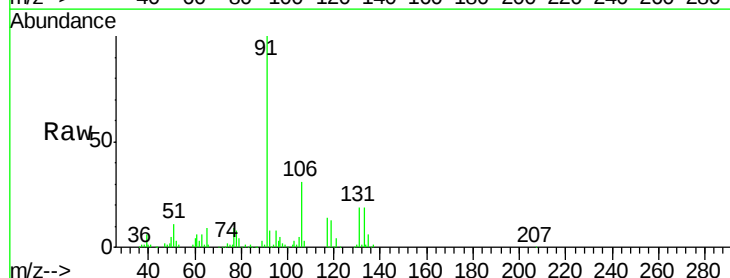
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tot Ion:112 Resp: 113437
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.729 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion:131 Resp: 41555
Ion Ratio Lower Upper
131 100
133 96.0 48.9 146.8
119 69.0 33.9 101.7





#67

Ethyl Benzene

Concen: 19.596 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

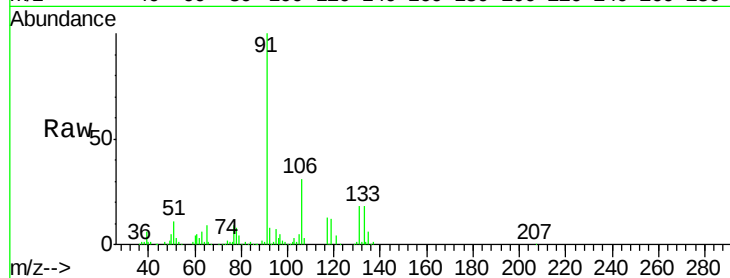
VN0331WBS01

Tot Ion: 91 Resp: 211989

Ion Ratio Lower Upper

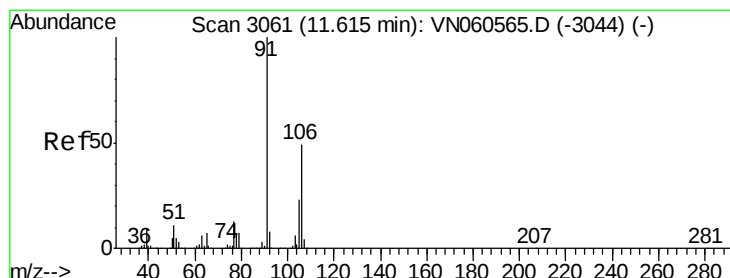
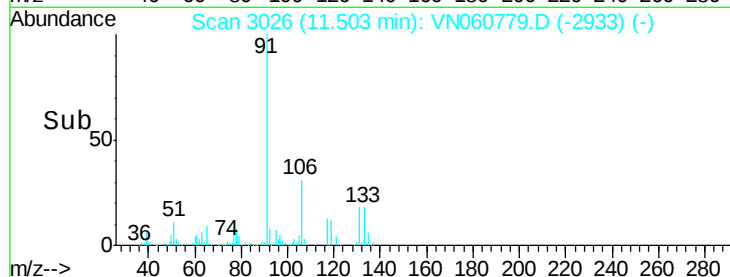
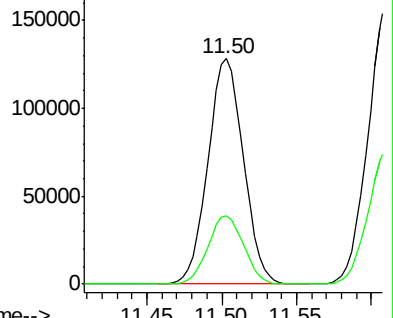
91 100

106 30.6 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060779.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN060779.D (-2933) (-)



#68

m/p-Xylenes

Concen: 39.153 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060779.D

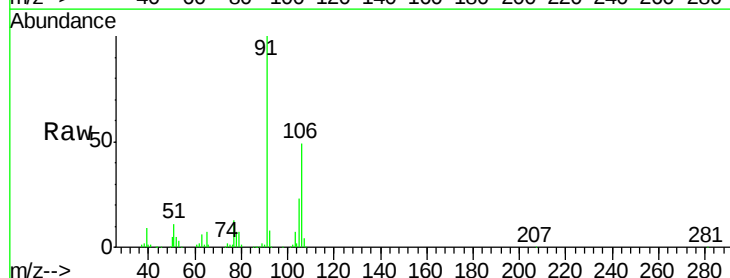
Acq: 31 Mar 2020 12:30

Tgt Ion: 106 Resp: 157398

Ion Ratio Lower Upper

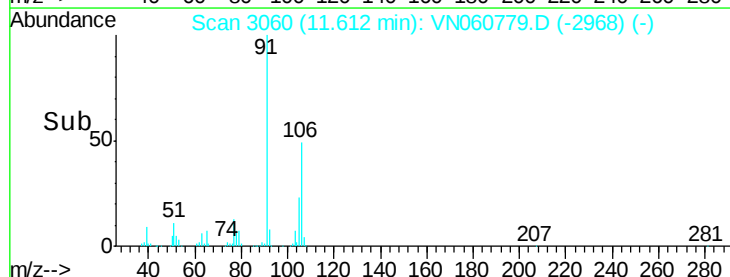
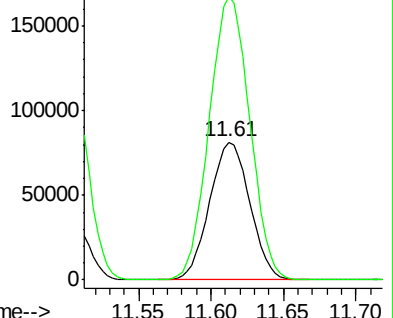
106 100

91 206.7 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060779.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN060779.D (-2968) (-)

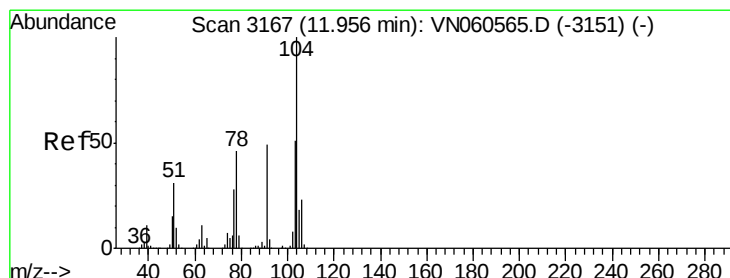
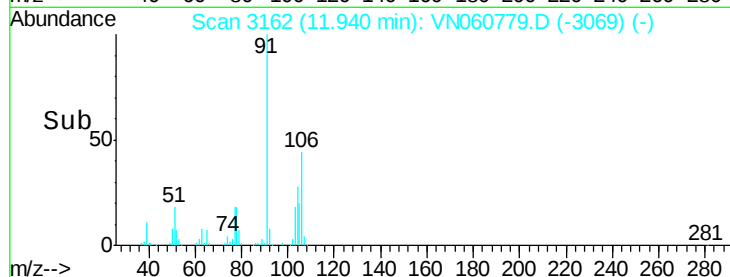
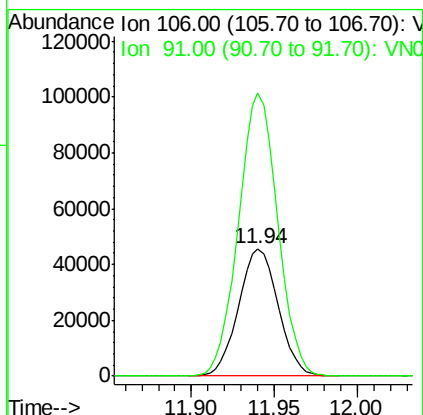
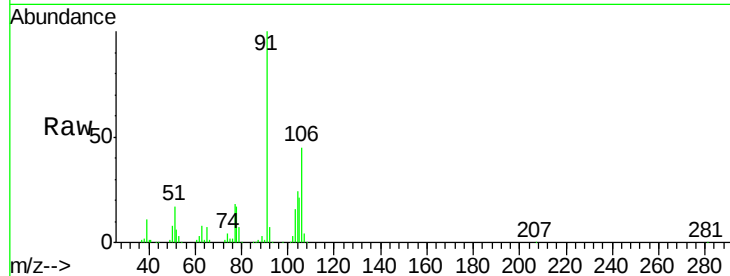




#69
o-Xylene
Concen: 19.731 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

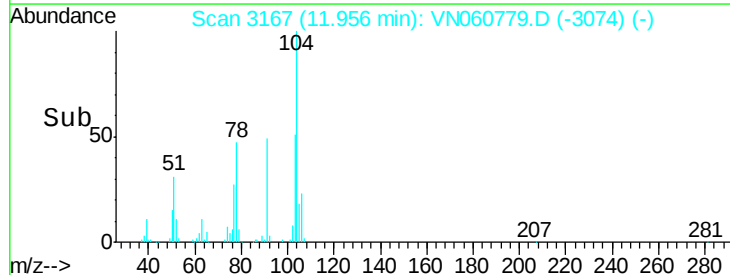
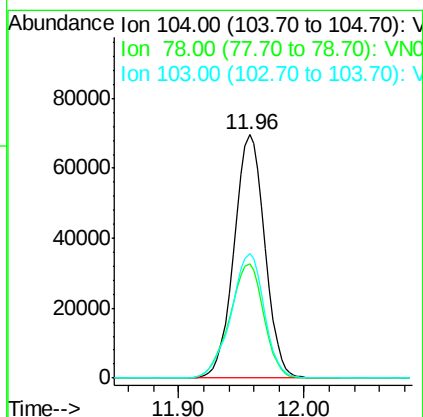
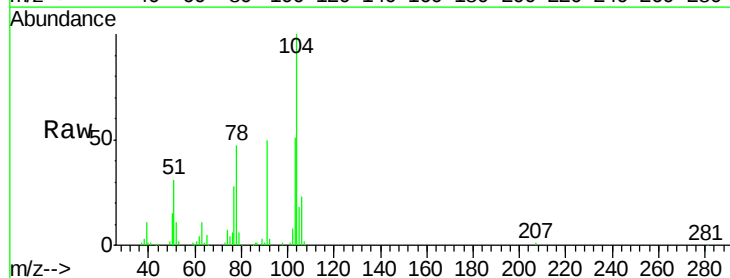
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

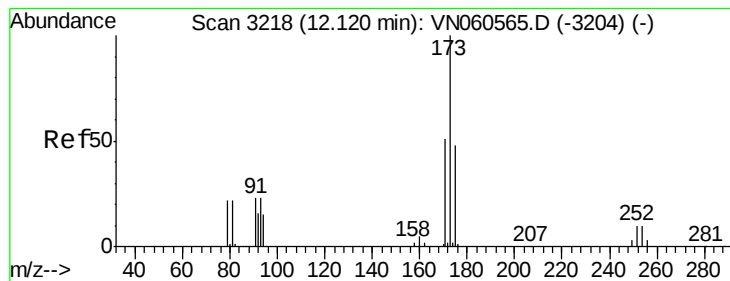
Tot Ion:106 Resp: 75720
Ion Ratio Lower Upper
106 100
91 219.8 109.5 328.4



#70
Styrene
Concen: 18.896 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion:104 Resp: 118600
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.3 44.0 66.0





#71

Bromoform

Concen: 18.285 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

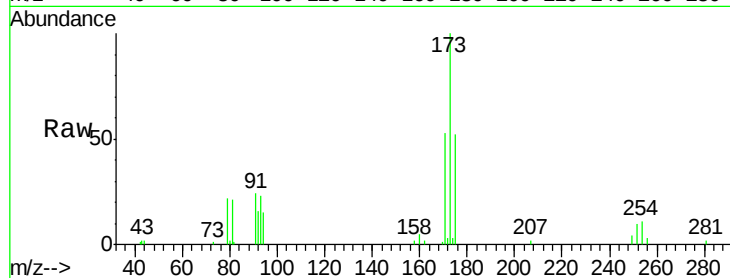
Tot Ion:173 Resp: 30078

Ion Ratio Lower Upper

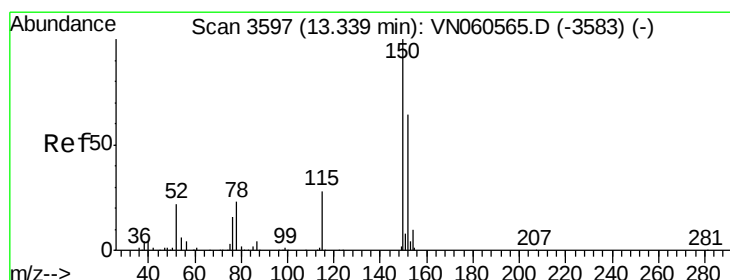
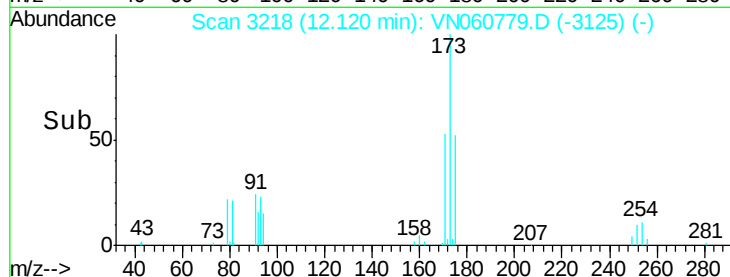
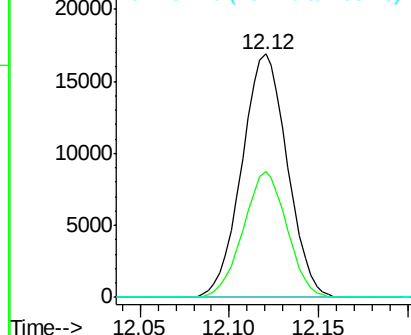
173 100

175 49.6 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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

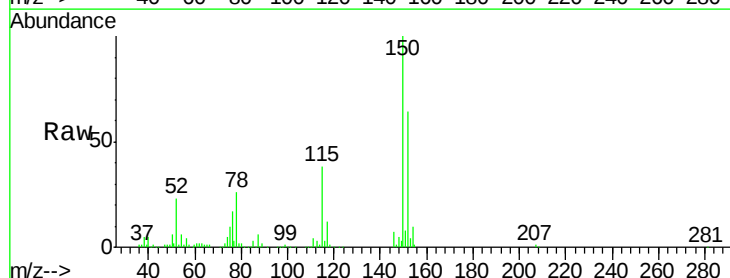
Tgt Ion:152 Resp: 137094

Ion Ratio Lower Upper

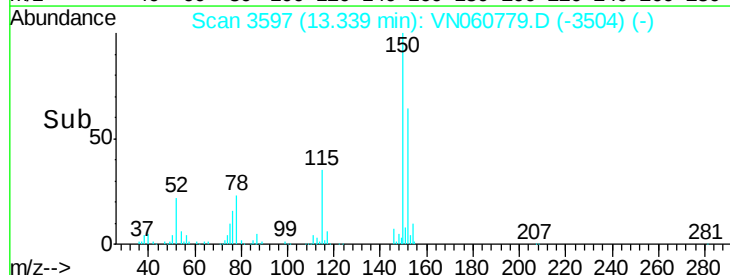
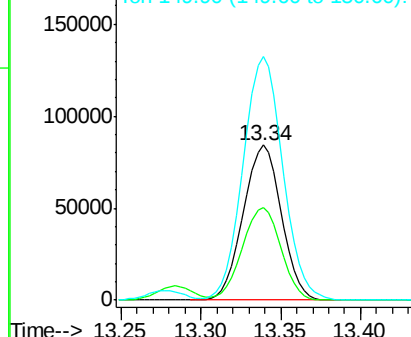
152 100

115 60.3 30.2 90.6

150 163.7 0.0 350.2



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: 19.604 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

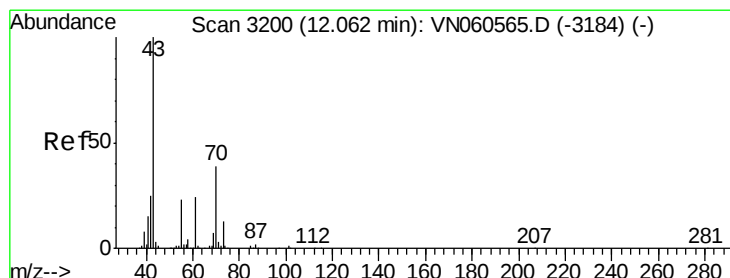
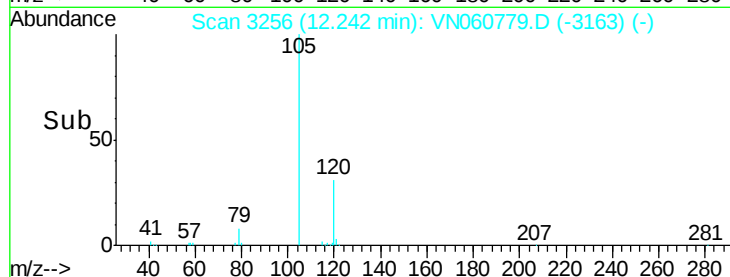
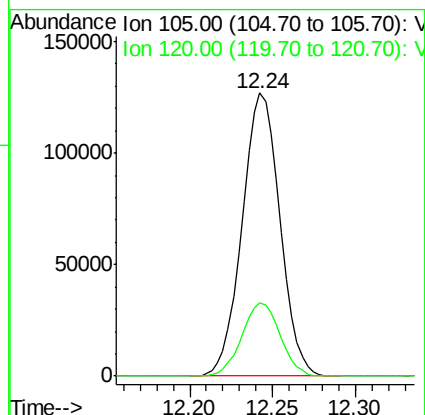
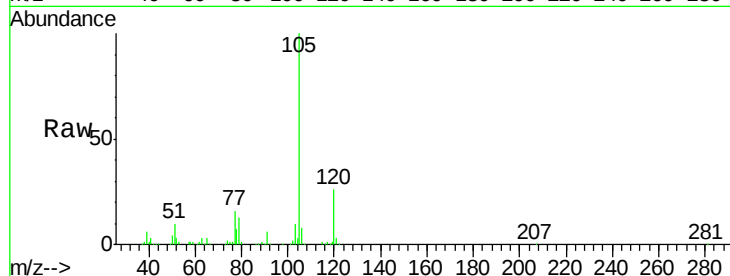
VN0331WBS01

Tot Ion:105 Resp: 201692

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#74

N-ethyl acetate

Concen: 18.844 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Tgt Ion: 43 Resp: 89585

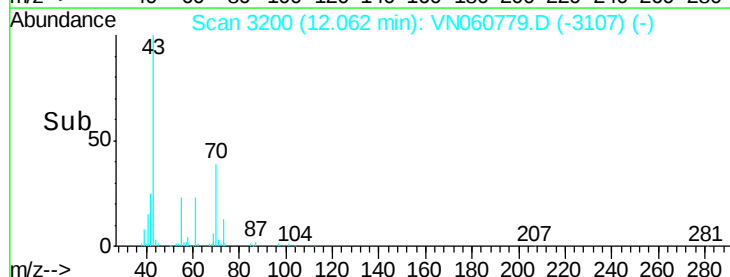
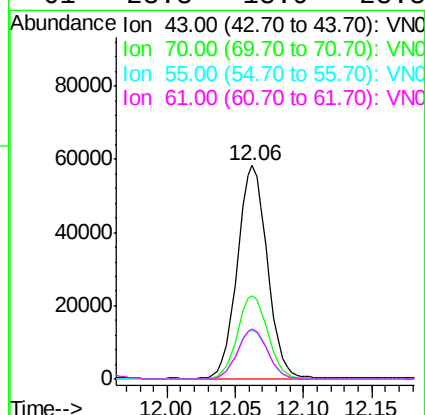
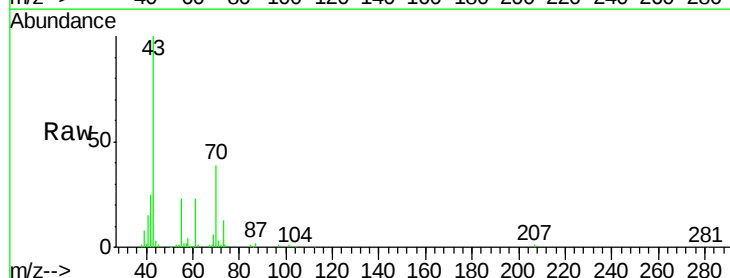
Ion Ratio Lower Upper

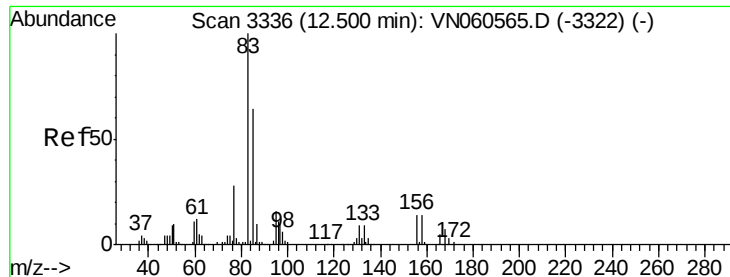
43 100

70 39.3 31.1 46.7

55 23.3 18.6 27.8

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.305 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

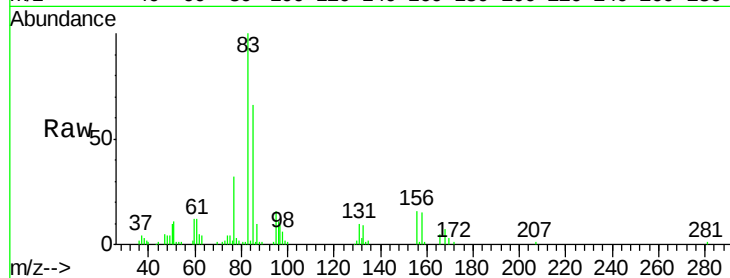
Tot Ion: 83 Resp: 60062

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

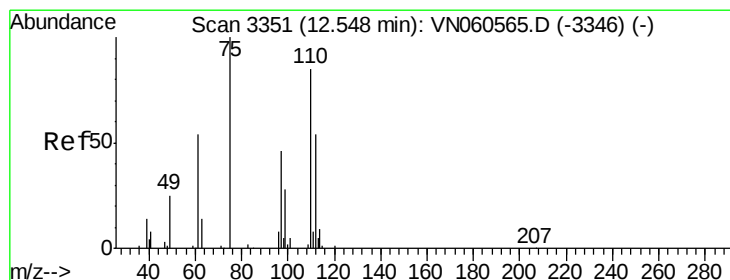
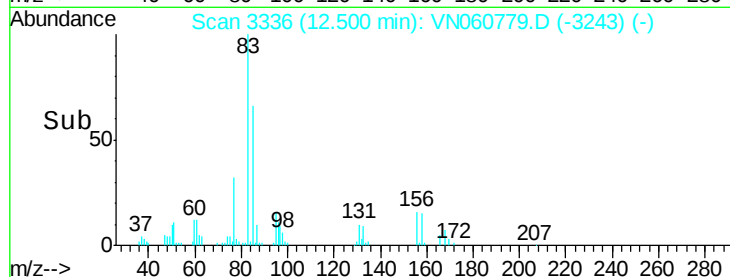
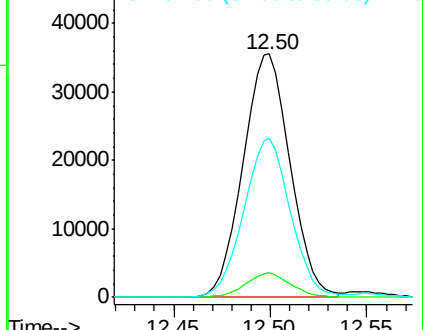
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 18.395 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060779.D

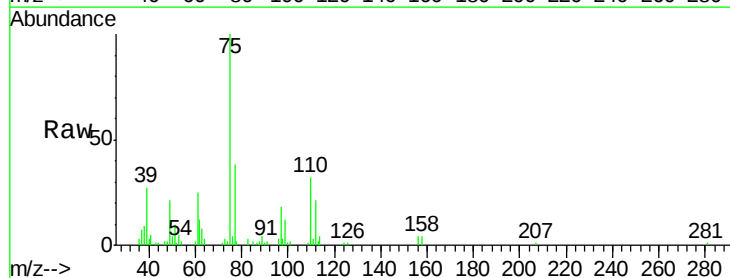
Acq: 31 Mar 2020 12:30

Tgt Ion: 75 Resp: 54417

Ion Ratio Lower Upper

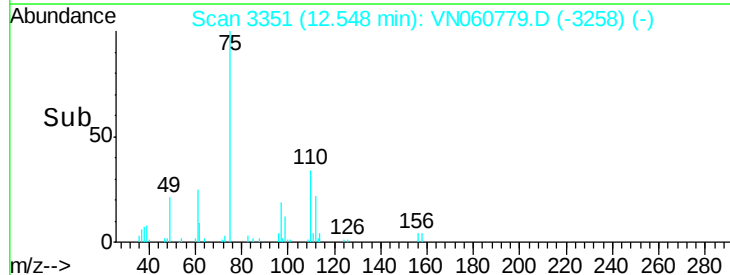
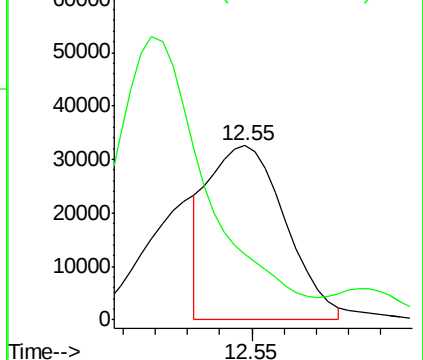
75 100

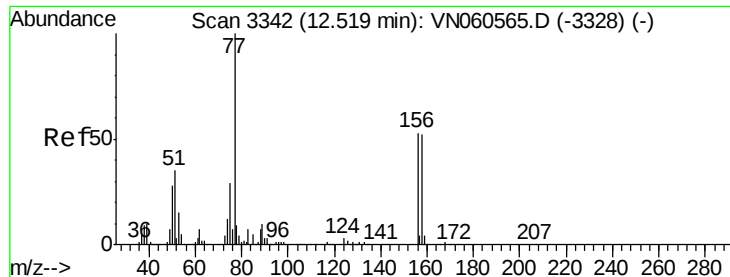
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.552 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

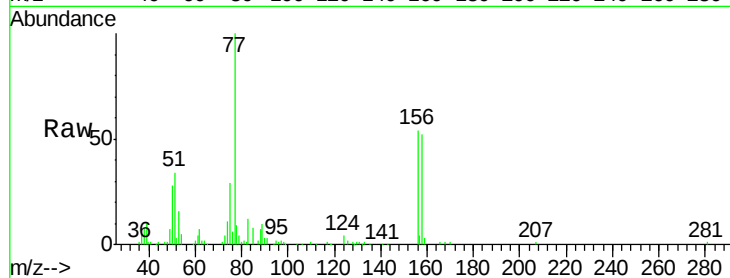
Tot Ion:156 Resp: 48472

Ion Ratio Lower Upper

156 100

77 221.6 112.3 337.0

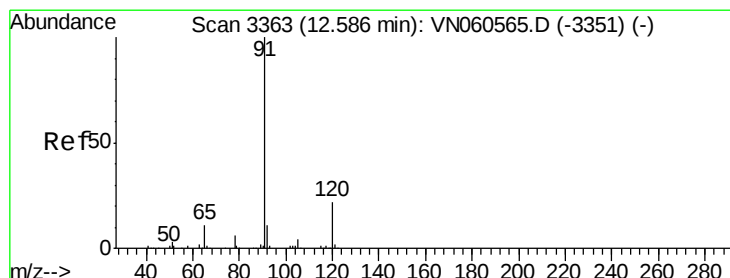
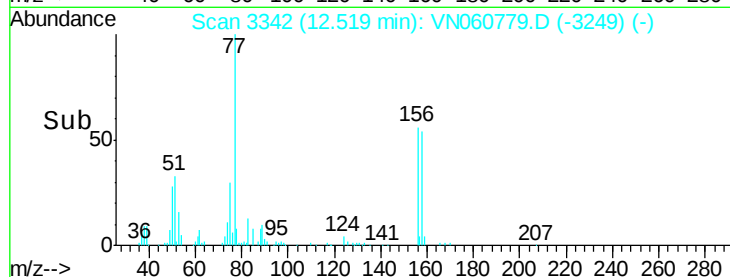
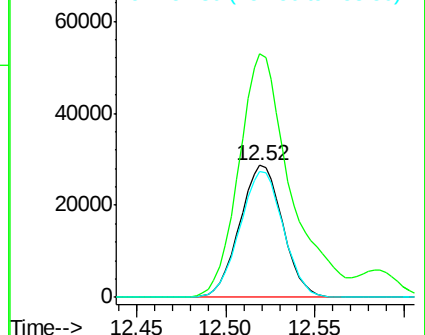
158 96.3 48.6 145.8



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: 19.610 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060779.D

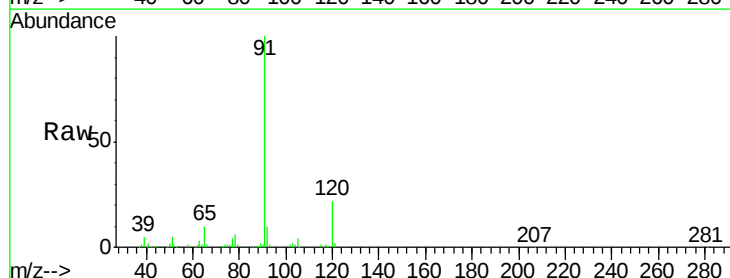
Acq: 31 Mar 2020 12:30

Tgt Ion: 91 Resp: 238359

Ion Ratio Lower Upper

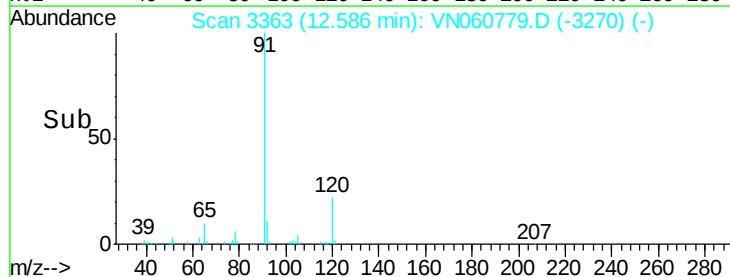
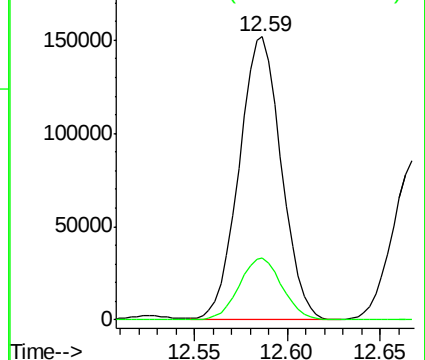
91 100

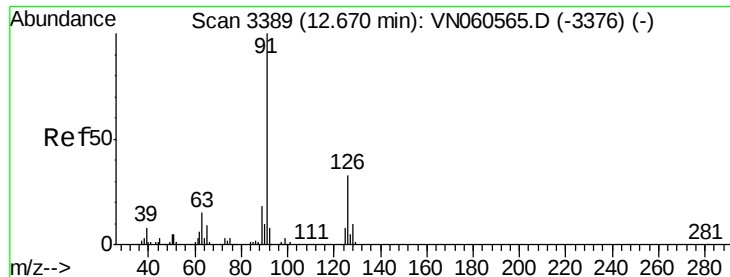
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.466 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

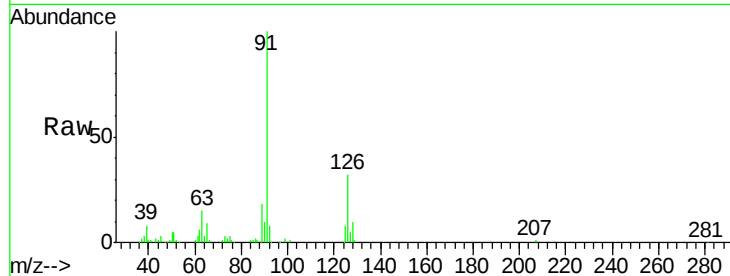
VN0331WBS01

Tot Ion: 91 Resp: 141376

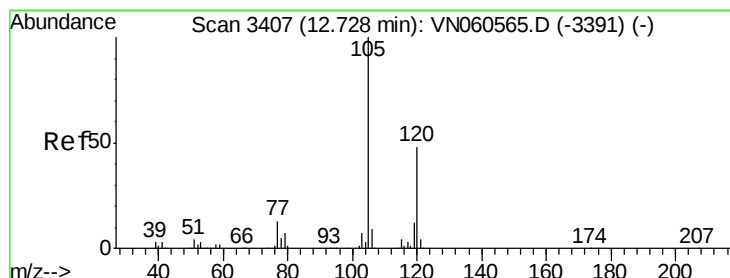
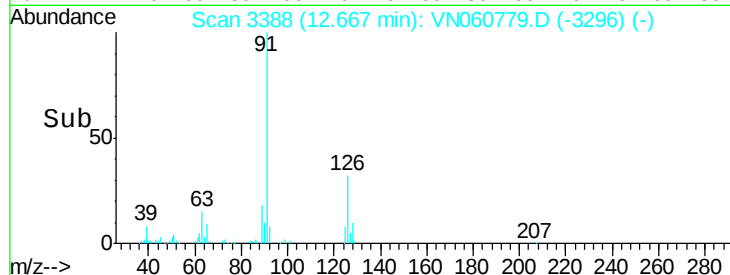
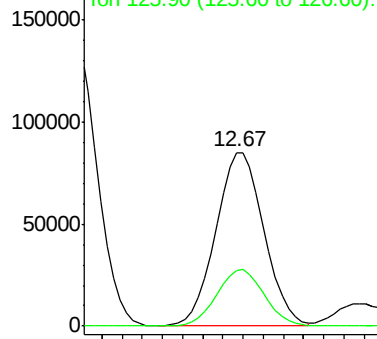
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060779.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.817 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060779.D

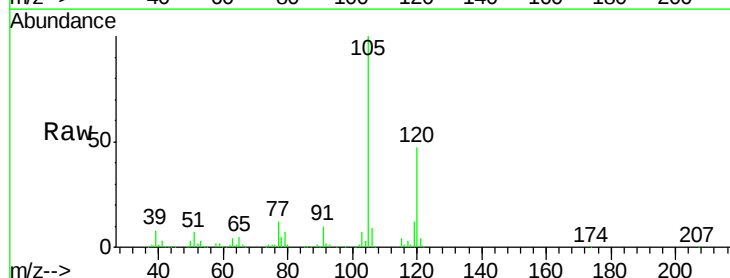
Acq: 31 Mar 2020 12:30

Tgt Ion: 105 Resp: 173020

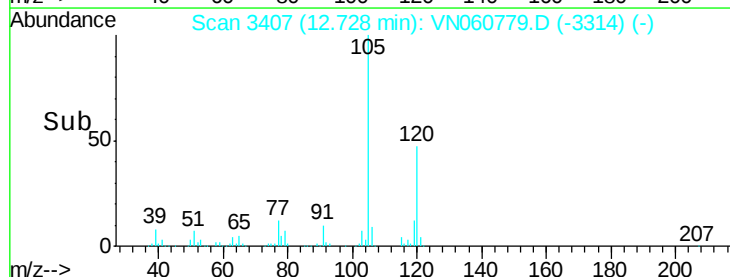
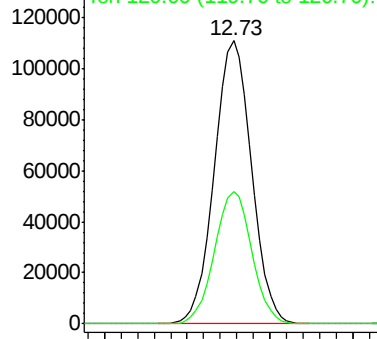
Ion Ratio Lower Upper

105 100

120 46.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060779.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.765 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

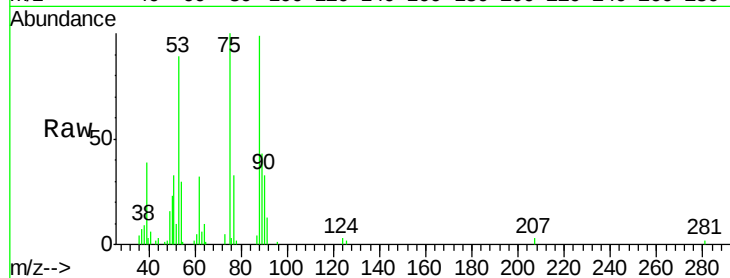
Tot Ion: 75 Resp: 21614

Ion Ratio Lower Upper

75 100

53 93.2 73.0 109.4

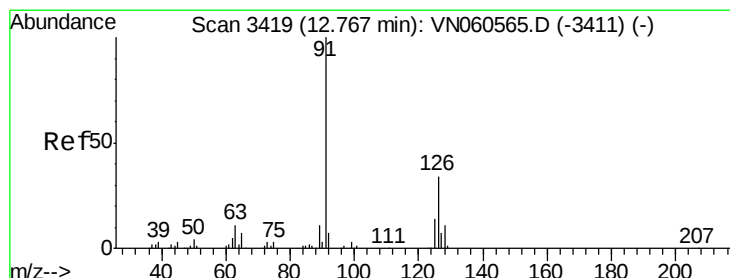
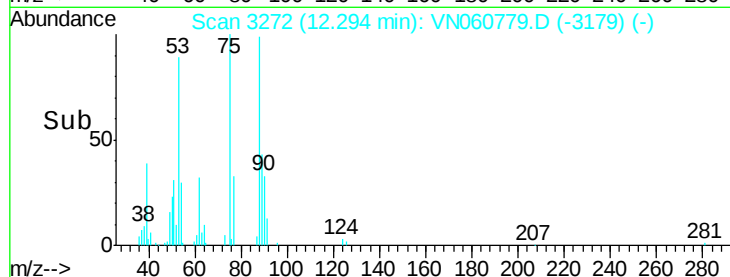
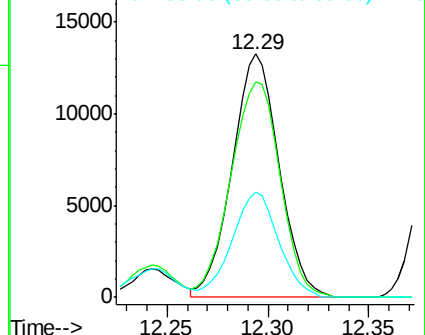
89 42.8 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.559 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060779.D

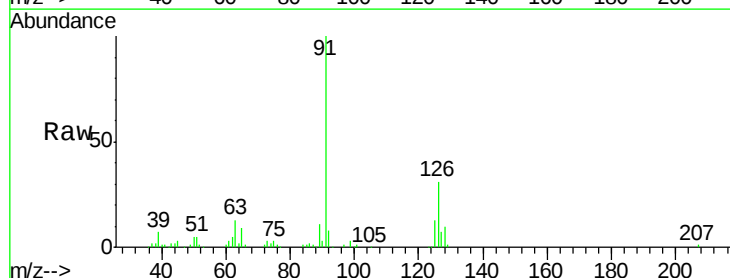
Acq: 31 Mar 2020 12:30

Tgt Ion: 91 Resp: 144674

Ion Ratio Lower Upper

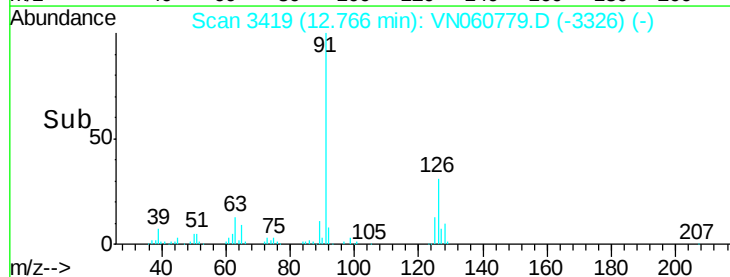
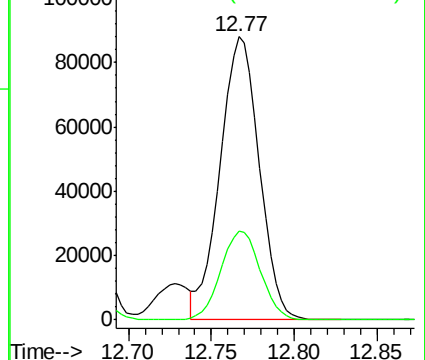
91 100

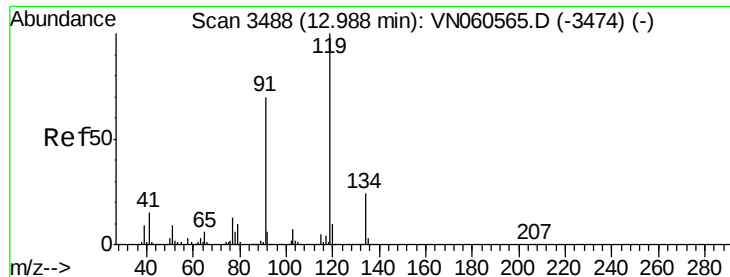
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

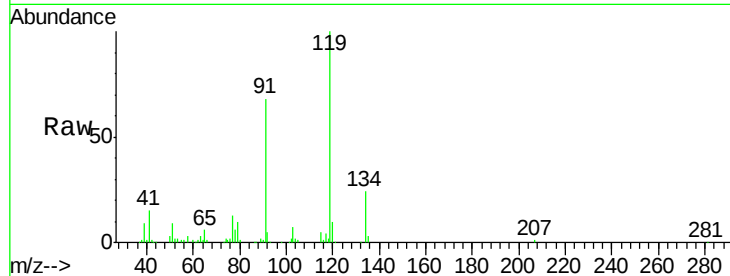




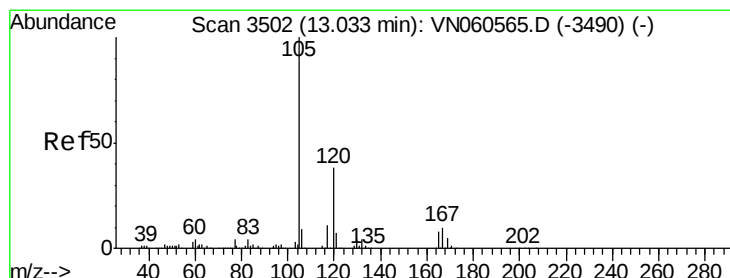
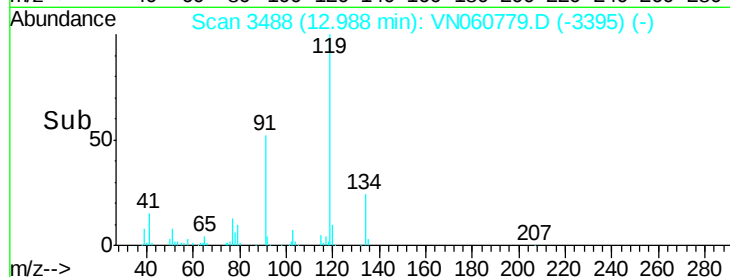
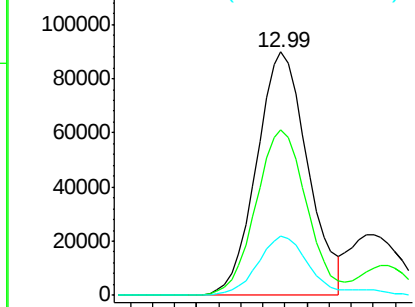
#83
tert-Butylbenzene
Concen: 19.918 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tot Ion:119 Resp: 144158
Ion Ratio Lower Upper
119 100
91 67.8 34.0 101.8
134 24.0 12.7 38.0

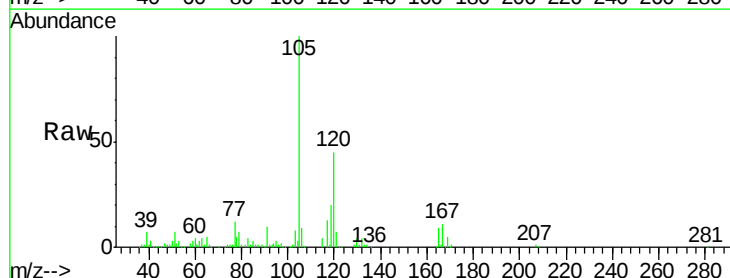


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

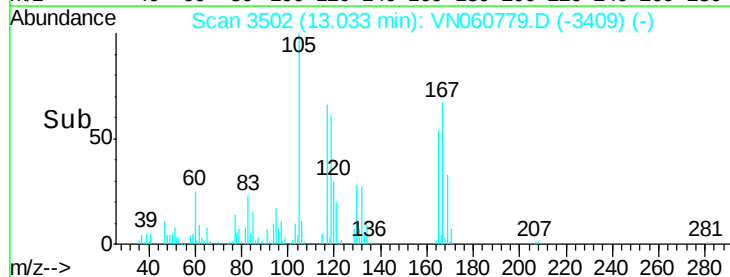
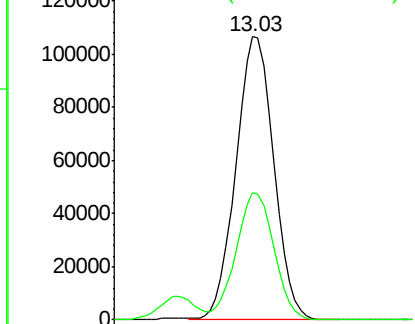


#84
1,2,4-Trimethylbenzene
Concen: 19.630 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion:105 Resp: 169553
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

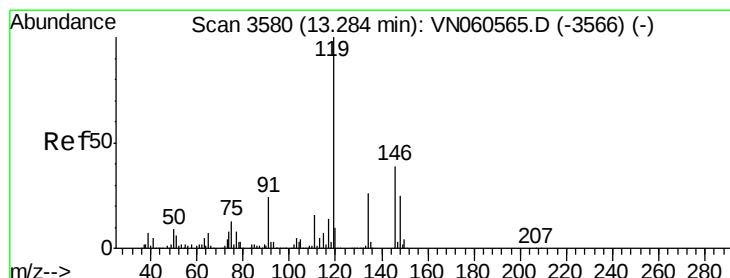
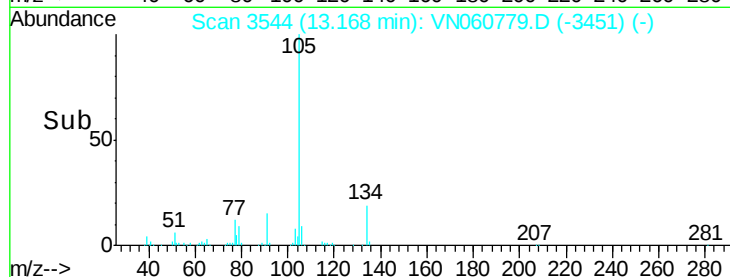
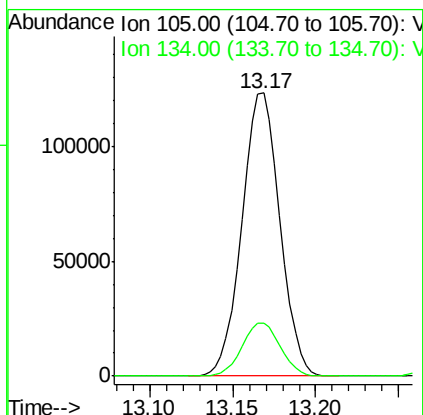
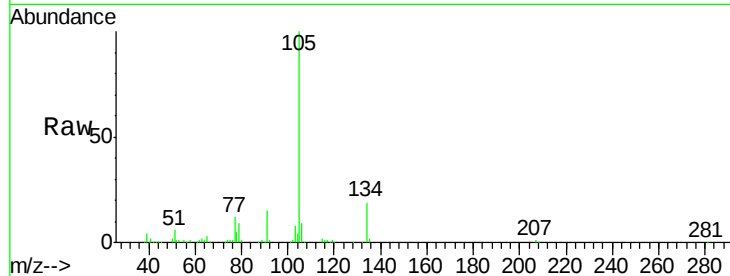




#85
 sec-Butylbenzene
 Concen: 20.175 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

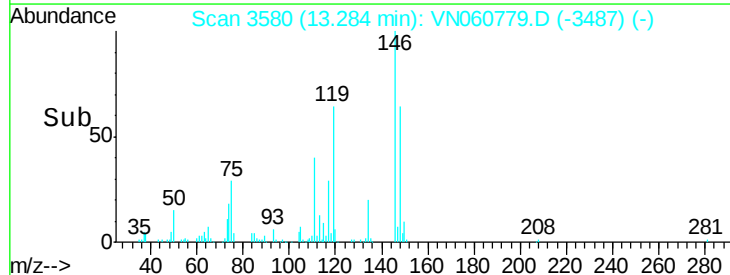
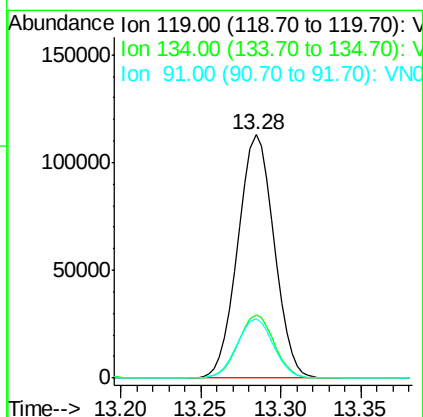
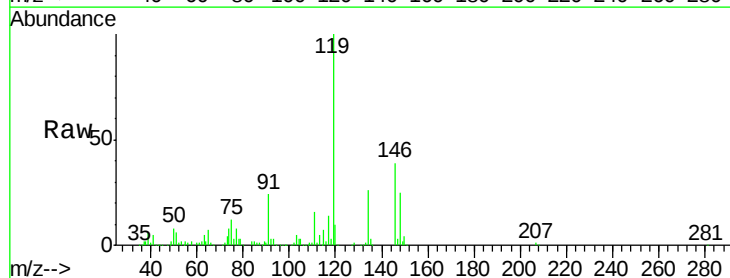
Instrument :
 MSVOA_N
 ClientSampled :
 VN0331WBS01

Tot Ion:105 Resp: 196358
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.891 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion:119 Resp: 174083
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.4 12.0 36.0

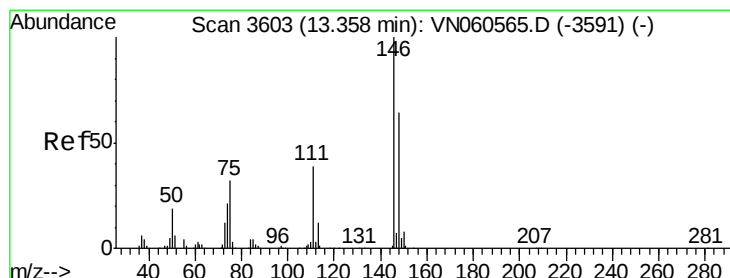
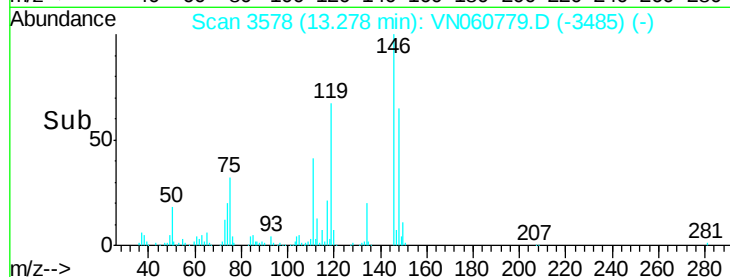
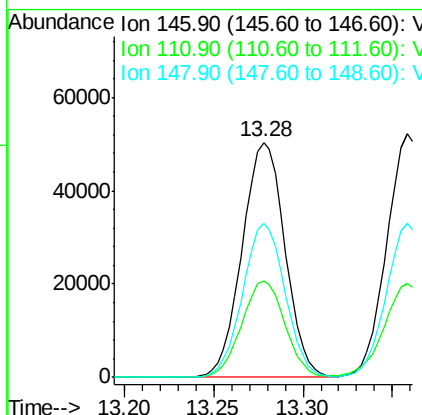
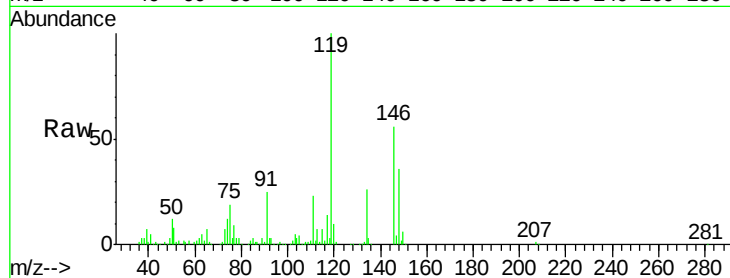




#87
 1,3-Dichlorobenzene
 Concen: 19.301 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

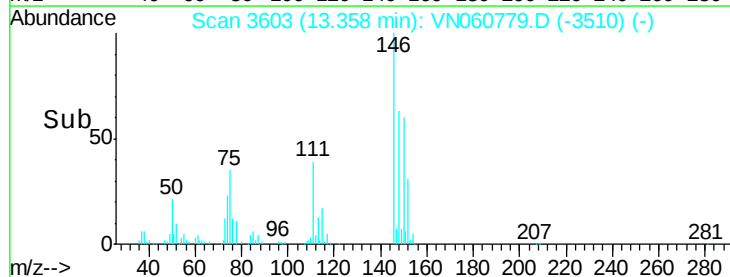
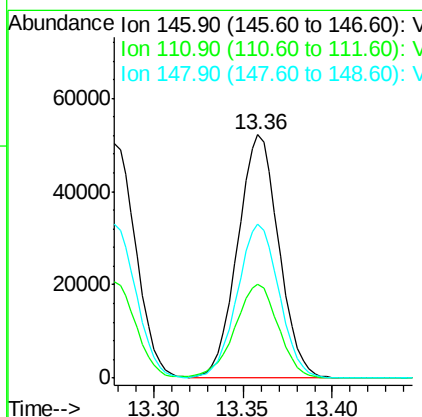
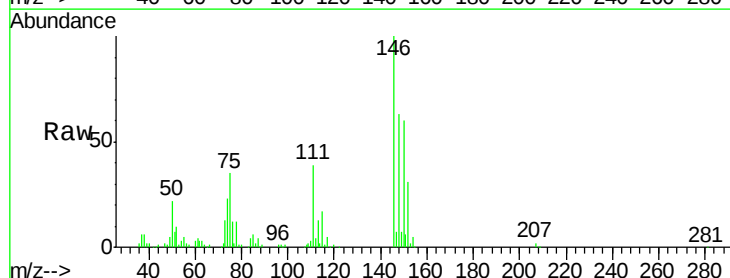
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

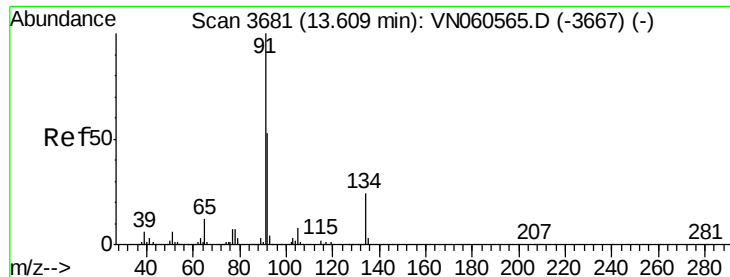
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.8
148	65.0	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.190 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	64.4	32.1	96.3





#89

n-Butylbenzene

Concen: 20.113 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN0331WBS01

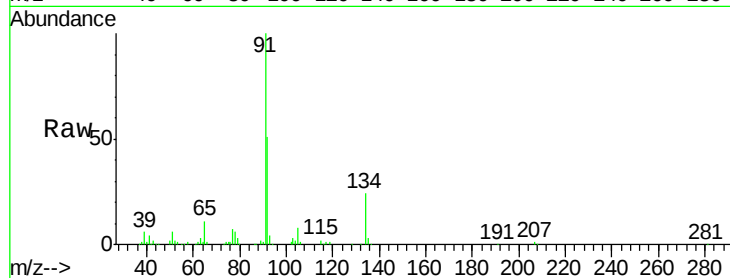
Tot Ion: 91 Resp: 158921

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

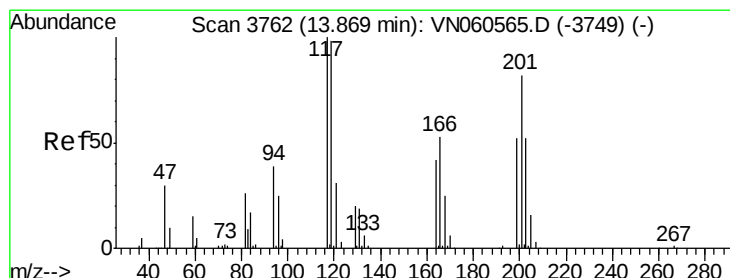
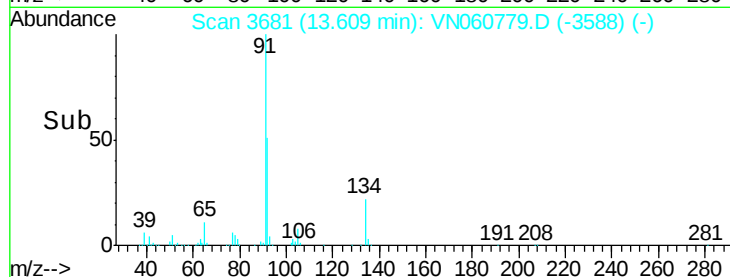
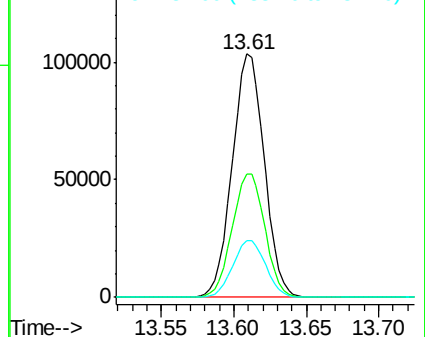
134 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060779.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN060779.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN060779.D (-3669) (-)



#90

Hexachloroethane

Concen: 20.666 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060779.D

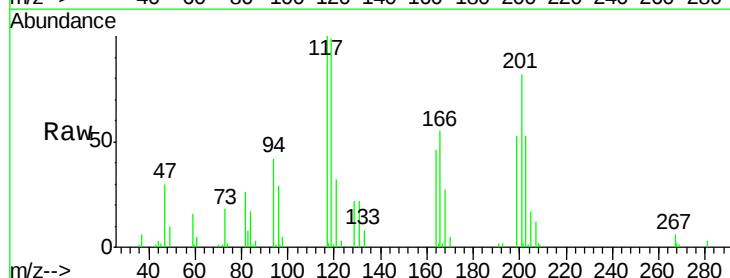
Acq: 31 Mar 2020 12:30

Tgt Ion: 117 Resp: 26290

Ion Ratio Lower Upper

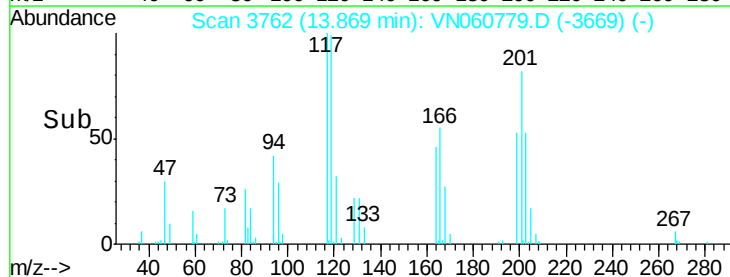
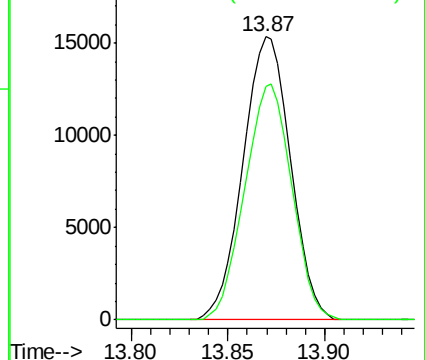
117 100

201 82.2 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060779.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060779.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 19.821 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

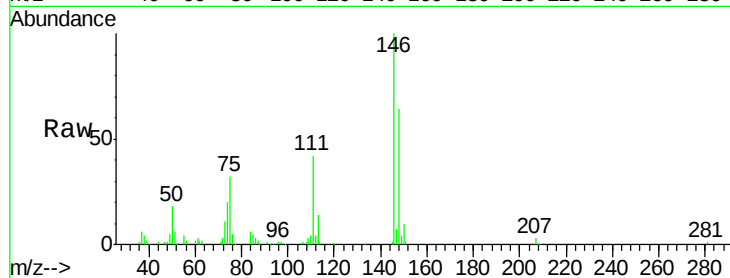
Tot Ion:146 Resp: 82870

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

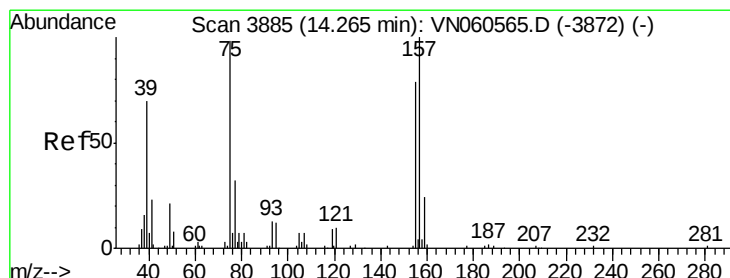
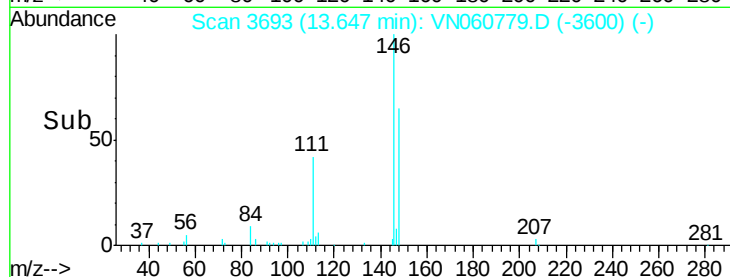
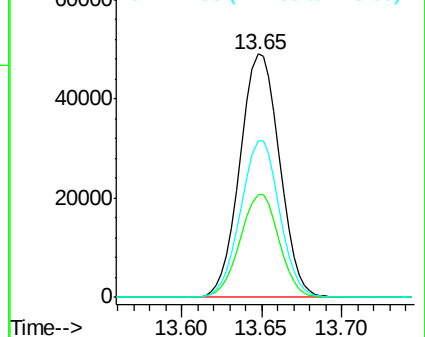
148 63.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.189 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060779.D

Acq: 31 Mar 2020 12:30

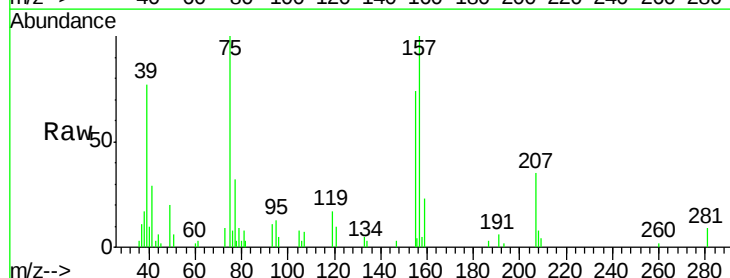
Tgt Ion: 75 Resp: 11964

Ion Ratio Lower Upper

75 100

155 73.8 40.7 122.1

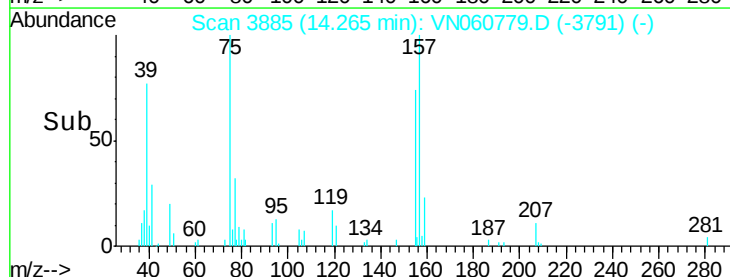
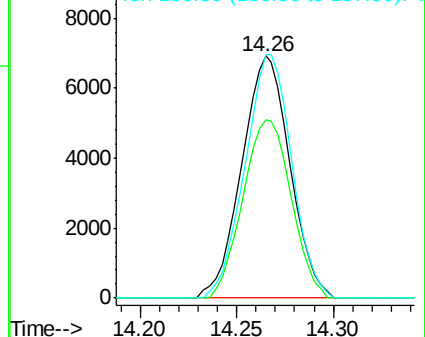
157 97.7 51.5 154.7

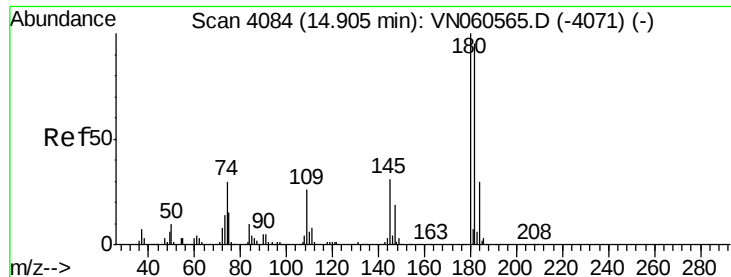


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

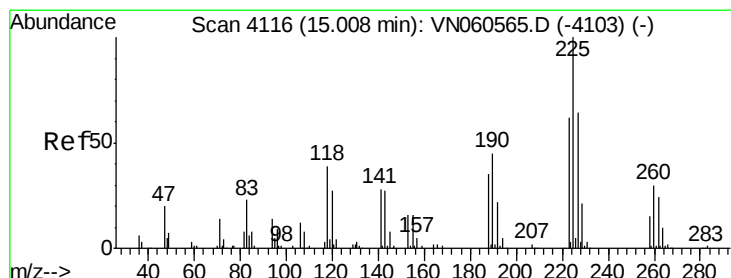
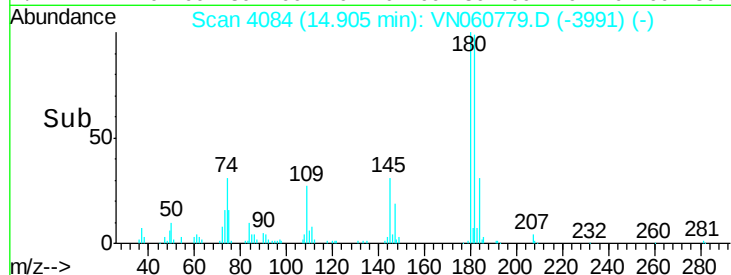
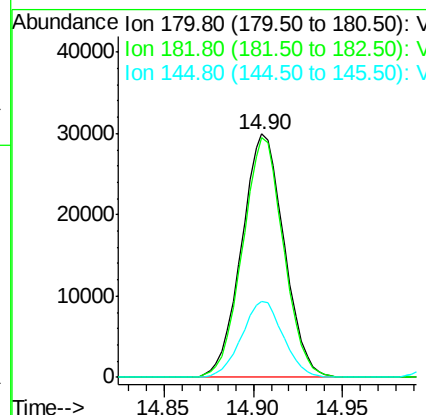
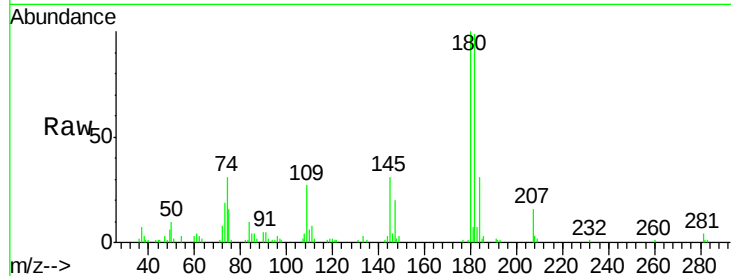




#93
 1,2,4-Trichlorobenzene
 Concen: 19.394 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

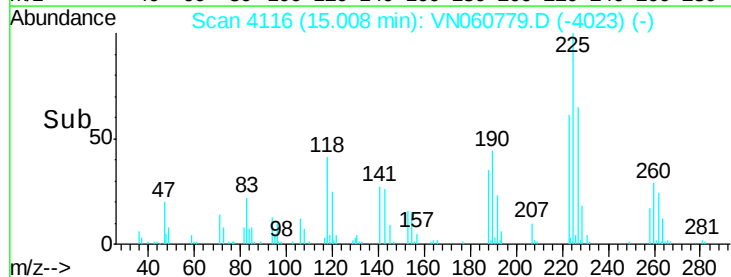
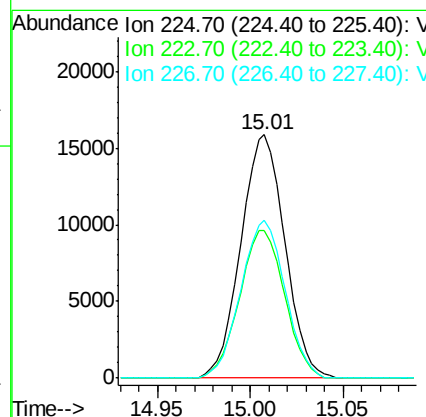
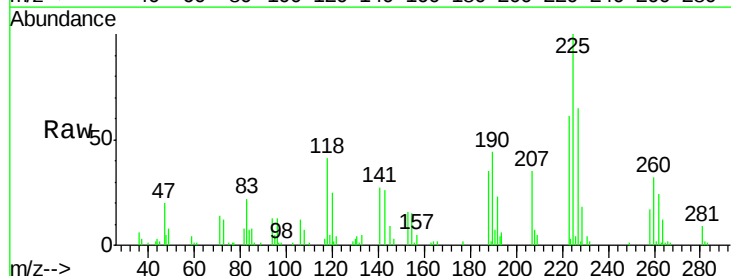
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

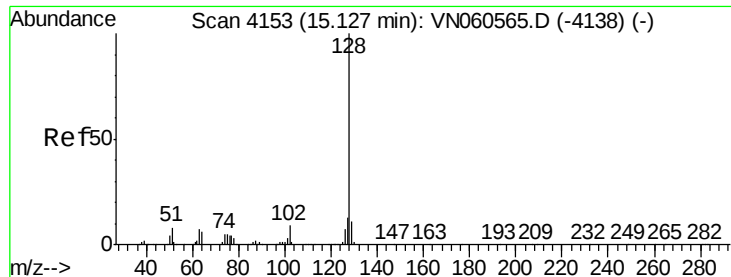
Tot Ion:180 Resp: 49793
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.8
 145 30.5 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 20.871 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060779.D
 Acq: 31 Mar 2020 12:30

Tgt Ion:225 Resp: 26269
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 65.3 32.3 96.8

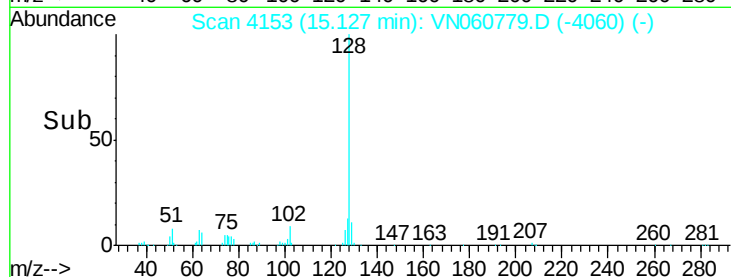
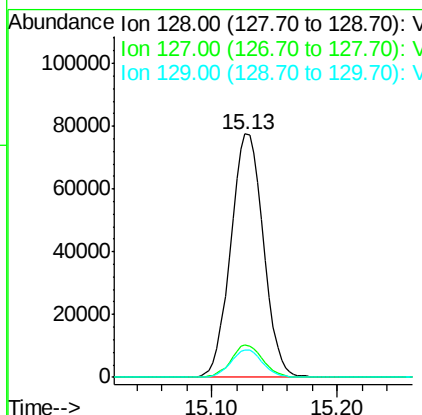
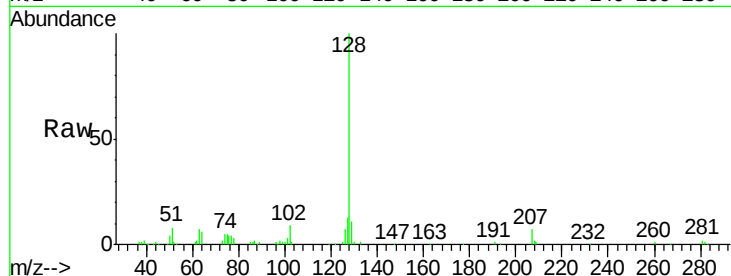




#95
Naphthalene
Concen: 18.109 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Instrument :
MSVOA_N
ClientSampled :
VN0331WBS01

Tot Ion:128 Resp: 139845
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.997 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060779.D
Acq: 31 Mar 2020 12:30

Tgt Ion:180 Resp: 48043
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 31.7 16.3 48.8

