

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
 Data File : VN060708.D
 Acq On : 26 Mar 2020 12:35
 Operator : JC/MD
 Sample : VN0326WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

Quant Time: Mar 27 05:29:09 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	201754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	330832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133722	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.56	113	99914	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.08	98	399882	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.39	95	143937	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	35540	18.206	ug/l	99
3) Chloromethane	2.04	50	61000	16.731	ug/l	99
4) Vinyl Chloride	2.17	62	47519	16.663	ug/l	99
5) Bromomethane	2.55	94	23884	19.401	ug/l	99
6) Chloroethane	2.69	64	30185	18.375	ug/l	97
7) Trichlorofluoromethane	3.00	101	63756	18.149	ug/l	100
8) Diethyl Ether	3.38	74	26213	18.575	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38639	18.982	ug/l	99
10) Methyl Iodide	3.93	142	33153	18.304	ug/l	99
11) Tert butyl alcohol	4.72	59	36778	90.292	ug/l	98
12) 1,1-Dichloroethene	3.72	96	38771	17.749	ug/l	99
13) Acrolein	3.57	56	35094	77.739	ug/l	99
14) Allyl chloride	4.29	41	69126	17.993	ug/l	100
15) Acrylonitrile	4.94	53	108111	90.260	ug/l	98
16) Acetone	3.78	43	104857	106.882	ug/l	99
17) Carbon Disulfide	4.03	76	113608	17.101	ug/l	100
18) Methyl Acetate	4.28	43	50405	18.253	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	135085	17.987	ug/l	97
20) Methylene Chloride	4.52	84	44349	18.376	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	41515	17.832	ug/l	97
22) Diisopropyl ether	5.91	45	152629	18.805	ug/l	99
23) Vinyl Acetate	5.86	43	620198	93.651	ug/l	100
24) 1,1-Dichloroethane	5.82	63	82949	18.747	ug/l	100
25) 2-Butanone	6.79	43	149845	94.389	ug/l	98
26) 2,2-Dichloropropane	6.79	77	71556	20.554	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	48143	18.198	ug/l	98
28) Bromochloromethane	7.17	49	40402	19.085	ug/l	99
29) Tetrahydrofuran	7.18	42	98732	87.900	ug/l	99
30) Chloroform	7.34	83	77824	18.347	ug/l	100
31) Cyclohexane	7.63	56	80939	18.144	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	66820	18.273	ug/l	98
36) 1,1-Dichloropropene	7.77	75	60521	18.892	ug/l	99
37) Ethyl Acetate	6.89	43	61657	17.813	ug/l	99
38) Carbon Tetrachloride	7.75	117	52939	18.438	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72668	19.088	ug/l	98
40) Benzene	8.02	78	182372	18.859	ug/l	100
41) Methacrylonitrile	7.18	41	88563	59.952	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62251	18.836	ug/l	100
43) Isopropyl Acetate	8.14	43	105545	18.489	ug/l	99
44) Trichloroethene	8.81	130	46898	19.238	ug/l	98
45) 1,2-Dichloropropane	9.10	63	49589	19.433	ug/l	99
46) Dibromomethane	9.19	93	28959	18.772	ug/l	99
47) Bromodichloromethane	9.38	83	60144	18.762	ug/l	99
48) Methyl methacrylate	9.18	41	44718	17.594	ug/l	100
49) 1,4-Dioxane	9.18	88	13406	443.759	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	300079	92.377	ug/l	99
52) Toluene	10.14	92	109212	18.700	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	70617	19.177	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	76883	19.032	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	43060	19.165	ug/l	97
56) Ethyl methacrylate	10.42	69	63131	18.020	ug/l	97
57) 1,3-Dichloropropane	10.70	76	73035	18.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	155034	89.038	ug/l	100
59) 2-Hexanone	10.74	43	217362	92.889	ug/l	99
60) Dibromochloromethane	10.89	129	43246	18.633	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42268	18.708	ug/l	98
64) Tetrachloroethene	10.62	164	44633	18.886	ug/l	98
65) Chlorobenzene	11.42	112	112715	18.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40420	18.752	ug/l	98
67) Ethyl Benzene	11.50	91	207868	18.775	ug/l	99
68) m/p-Xylenes	11.61	106	154354	37.518	ug/l	99
69) o-Xylene	11.94	106	74502	18.969	ug/l	98
70) Styrene	11.96	104	115564	17.991	ug/l	99
71) Bromoform	12.12	173	29784	17.746	ug/l #	99
73) Isopropylbenzene	12.24	105	199037	19.000	ug/l	100
74) N-amyl acetate	12.06	43	87116	17.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	58380	18.428	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	79564	26.415	ug/l #	100
77) Bromobenzene	12.52	156	46653	18.481	ug/l	97
78) n-propylbenzene	12.58	91	231503	18.705	ug/l	99
79) 2-Chlorotoluene	12.67	91	136509	18.460	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	166375	18.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21233	18.104	ug/l	98
82) 4-Chlorotoluene	12.77	91	140358	18.636	ug/l	99
83) tert-Butylbenzene	12.99	119	141524	19.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	167007	18.989	ug/l	100
85) sec-Butylbenzene	13.17	105	187596	18.930	ug/l	100
86) p-Isopropyltoluene	13.28	119	169185	18.985	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	82498	18.530	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	82709	18.491	ug/l	98
89) n-Butylbenzene	13.61	91	152392	18.941	ug/l	99
90) Hexachloroethane	13.87	117	23398	18.063	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	79252	18.616	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11468	17.107	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
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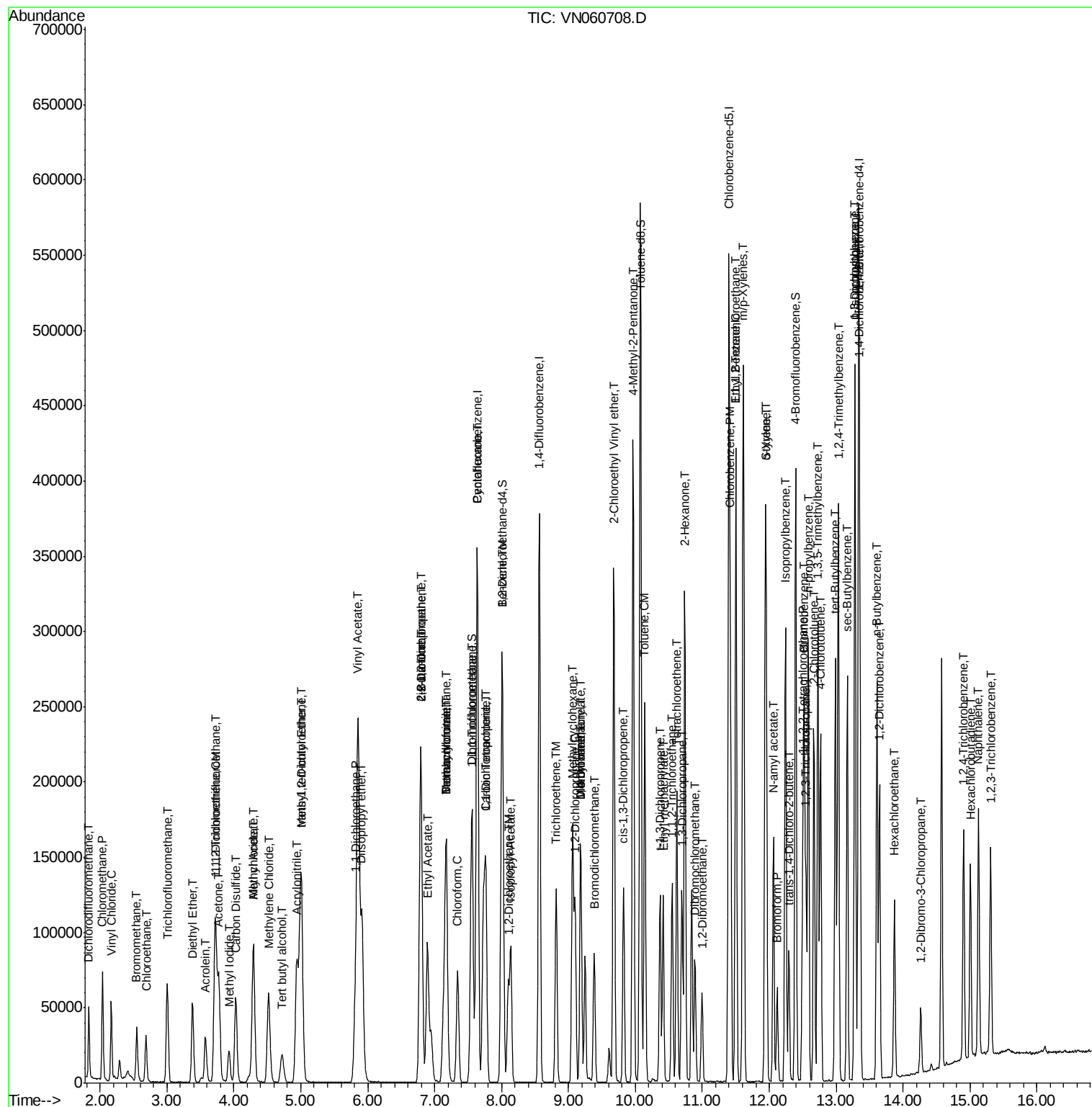
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49252	18.840	ug/l	98
94) Hexachlorobutadiene	15.00	225	25673	20.032	ug/l	97
95) Naphthalene	15.13	128	139577	17.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47340	18.384	ug/l	99

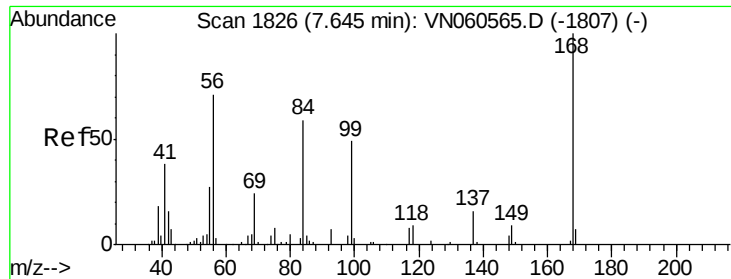
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

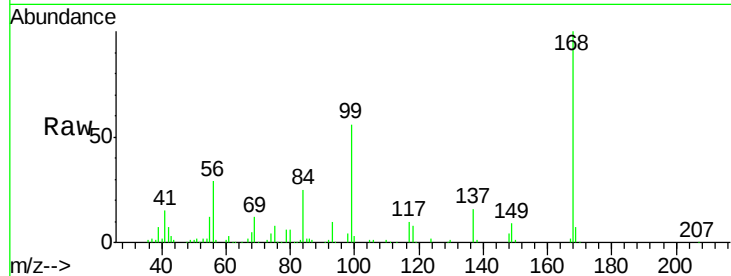
VN0326WBS01

Tgt Ion:168 Resp: 201754

Ion Ratio Lower Upper

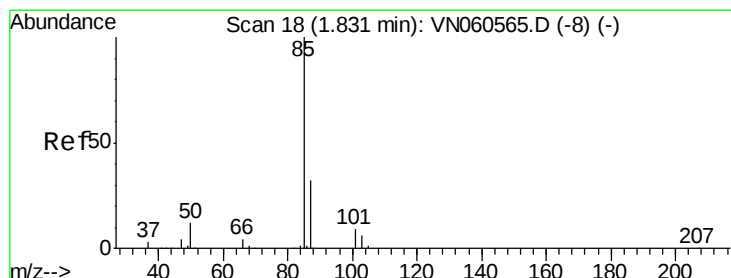
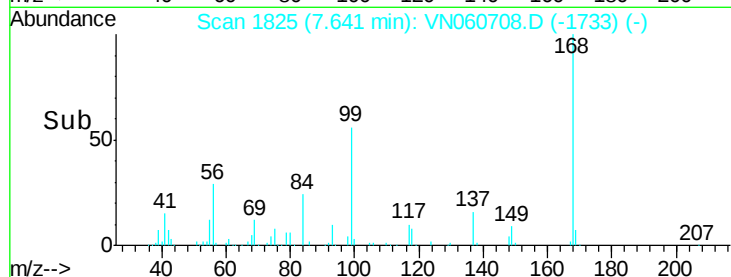
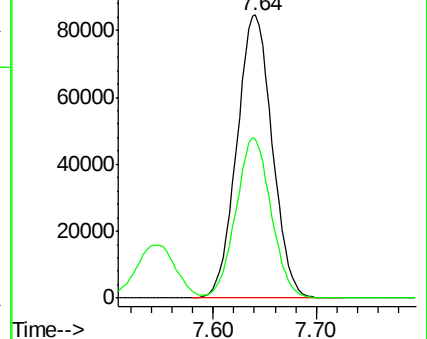
168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.206 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060708.D

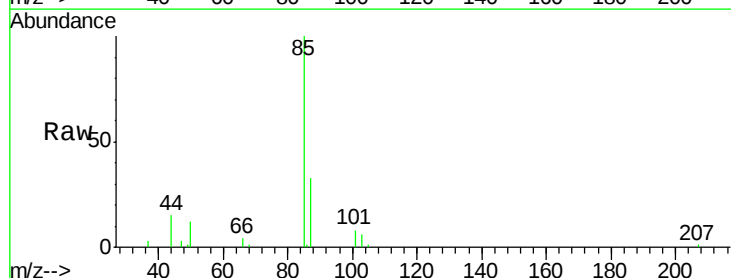
Acq: 26 Mar 2020 12:35

Tgt Ion: 85 Resp: 35540

Ion Ratio Lower Upper

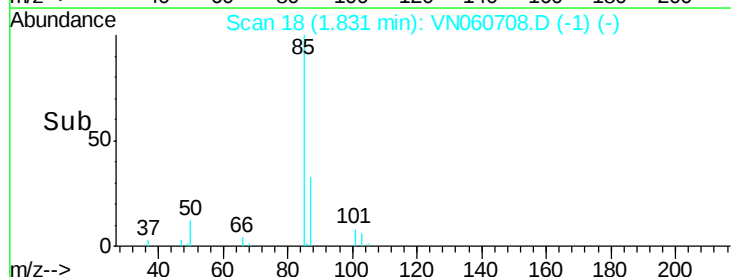
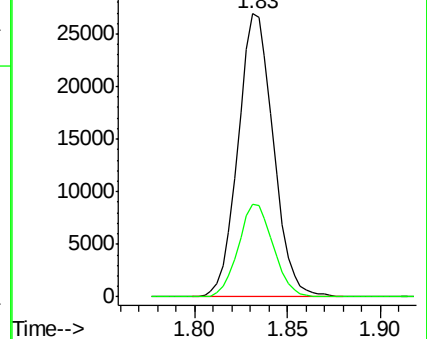
85 100

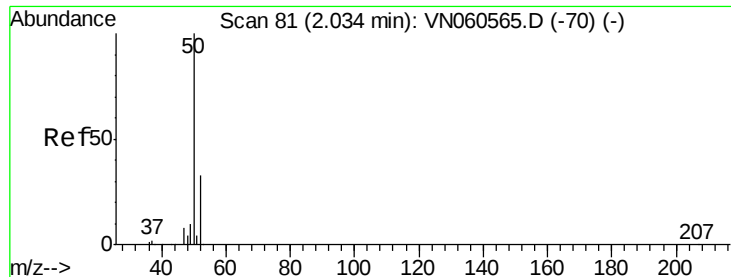
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 16.731 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

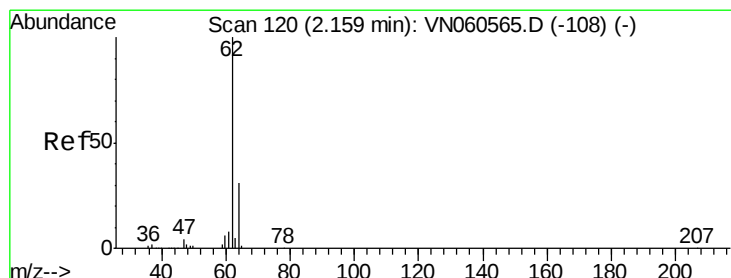
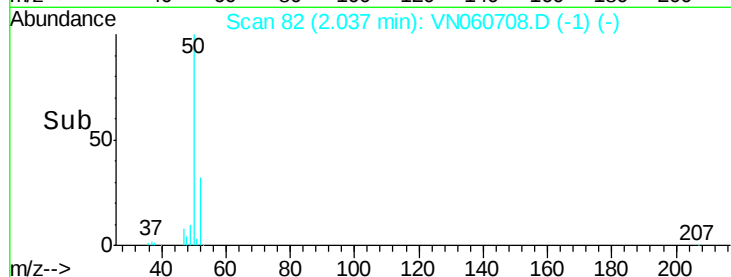
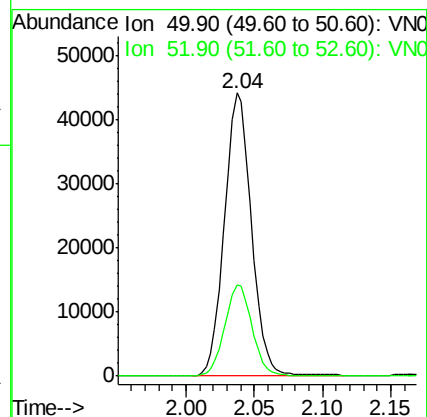
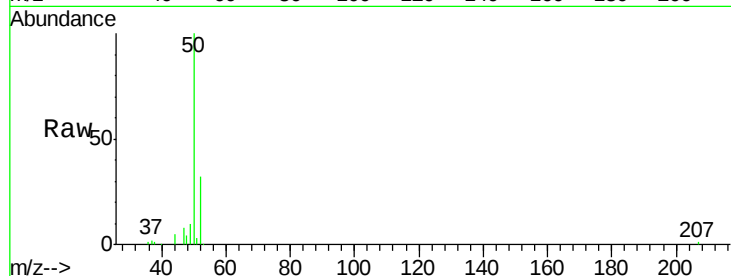
VN0326WBS01

Tgt Ion: 50 Resp: 61000

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 16.663 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060708.D

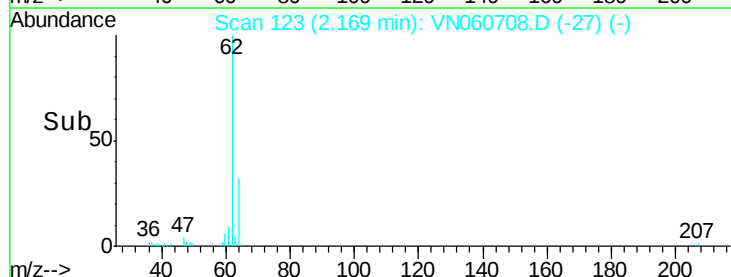
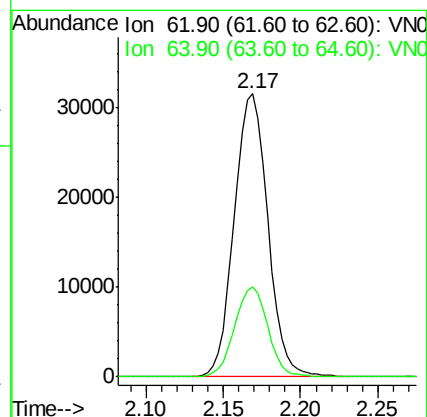
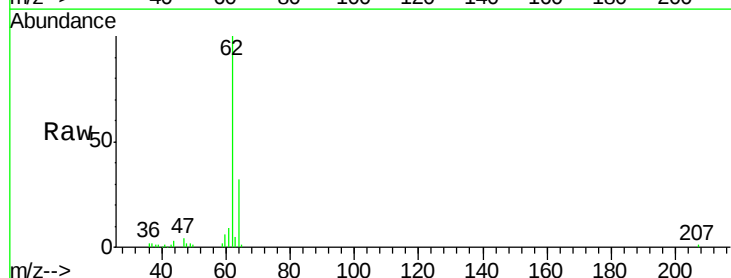
Acq: 26 Mar 2020 12:35

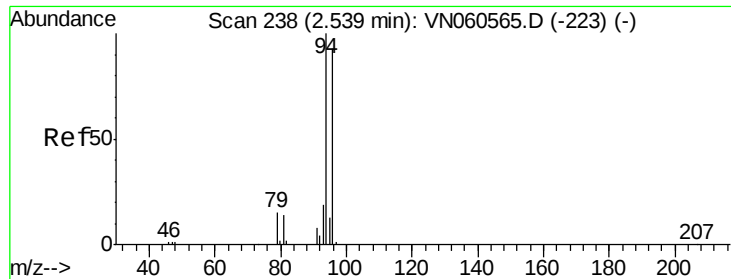
Tgt Ion: 62 Resp: 47519

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 19.401 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

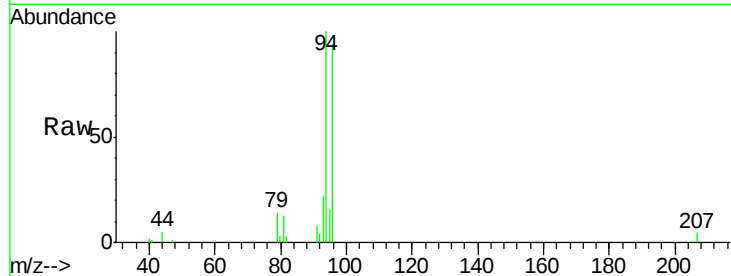
VN0326WBS01

Tgt Ion: 94 Resp: 23884

Ion Ratio Lower Upper

94 100

96 92.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060708.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060708.D (-145) (-)

2.55

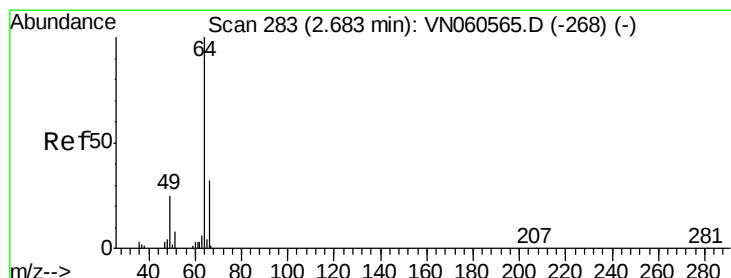
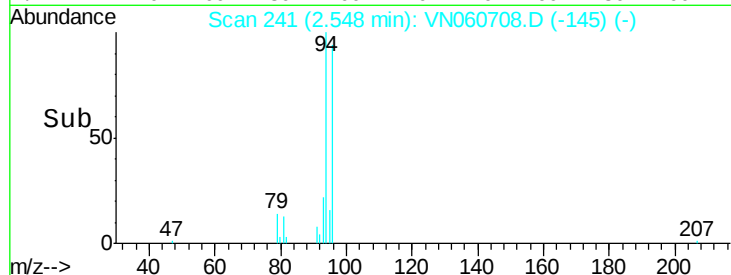
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.375 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060708.D

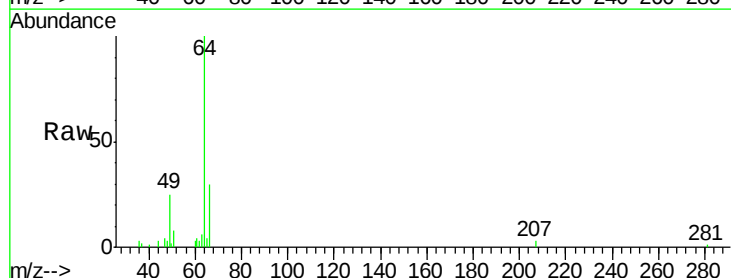
Acq: 26 Mar 2020 12:35

Tgt Ion: 64 Resp: 30185

Ion Ratio Lower Upper

64 100

66 29.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060708.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060708.D (-190) (-)

2.69

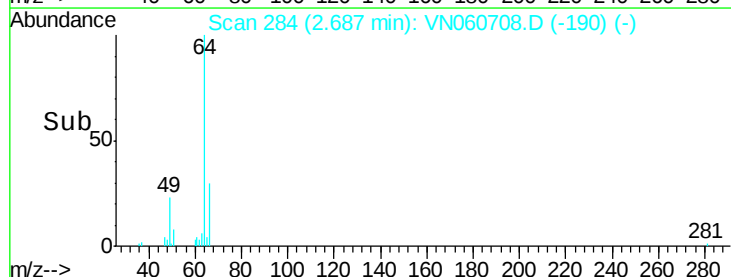
15000

10000

5000

0

Time-->



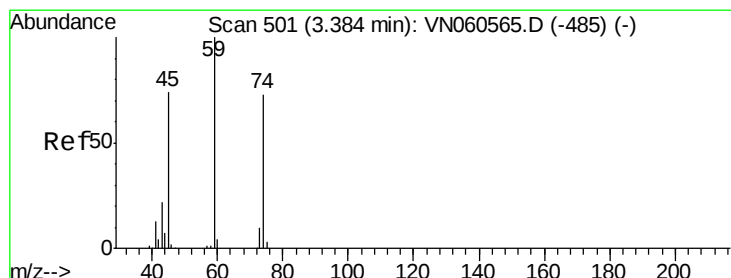
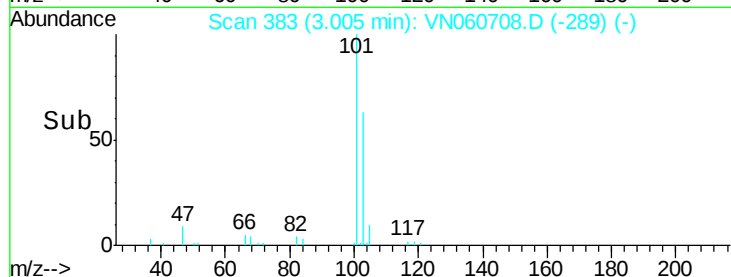
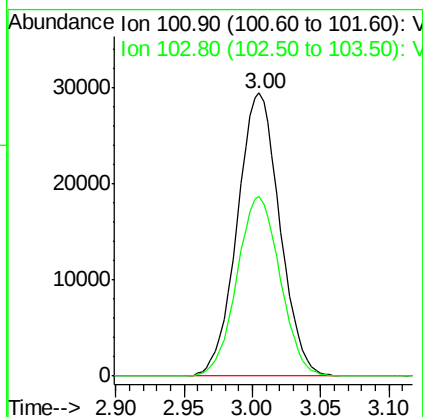
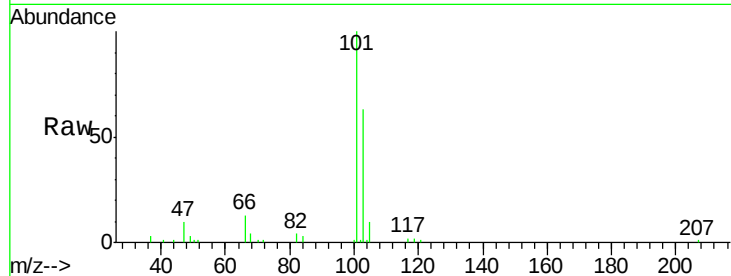


#7

Trichlorofluoromethane
 Concen: 18.149 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060708.D
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Instrument :
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 VN0326WBS01

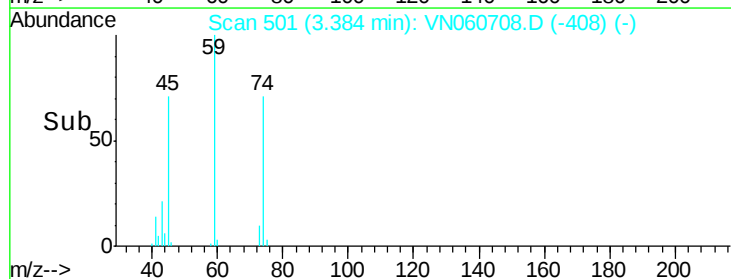
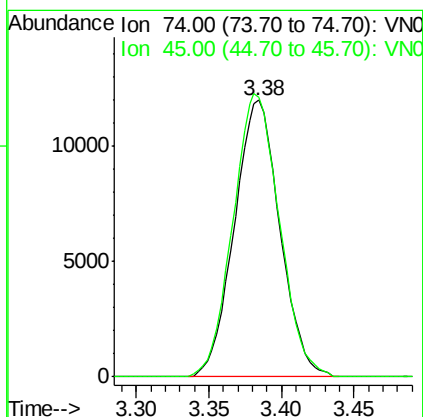
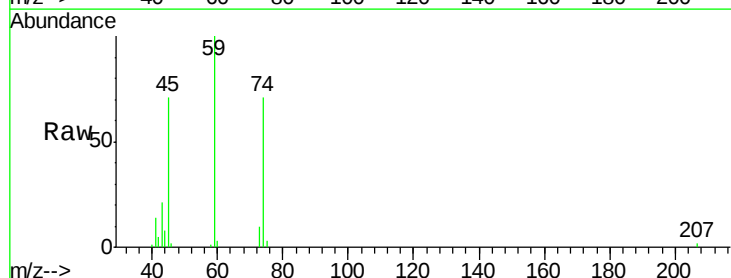
Tgt Ion:101 Resp: 63756
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0



#8

Diethyl Ether
 Concen: 18.575 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 74 Resp: 26213
 Ion Ratio Lower Upper
 74 100
 45 104.2 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.982 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

VN0326WBS01

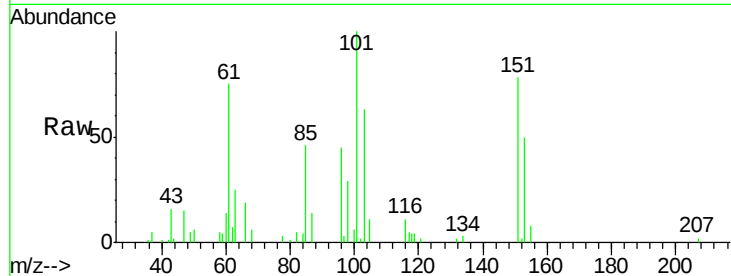
Tgt Ion:101 Resp: 38639

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

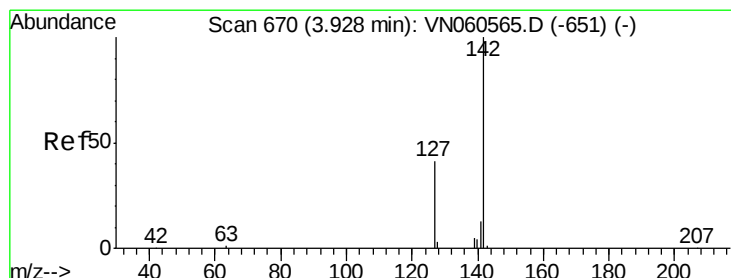
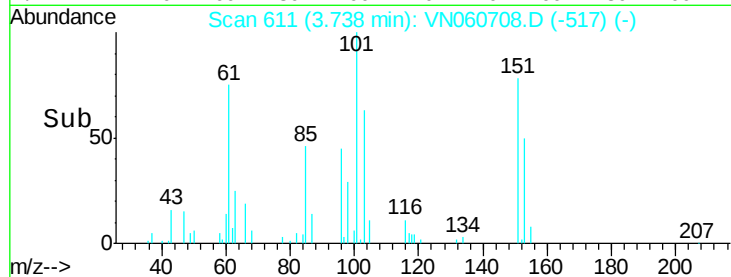
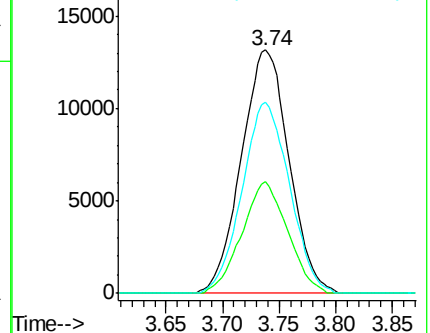
151 77.7 61.4 92.2



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: 18.304 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

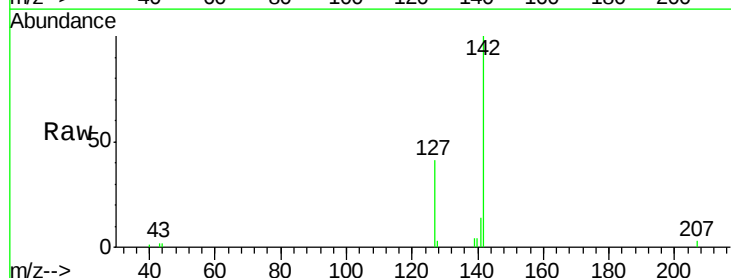
Tgt Ion:142 Resp: 33153

Ion Ratio Lower Upper

142 100

127 42.9 33.5 50.3

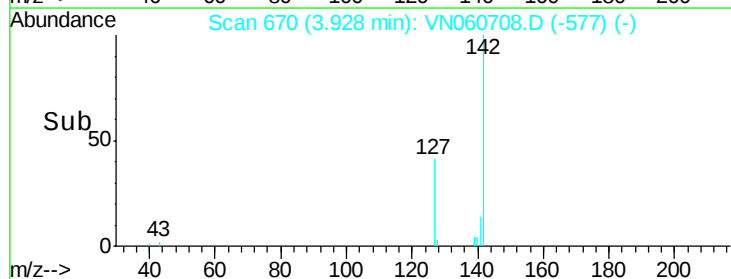
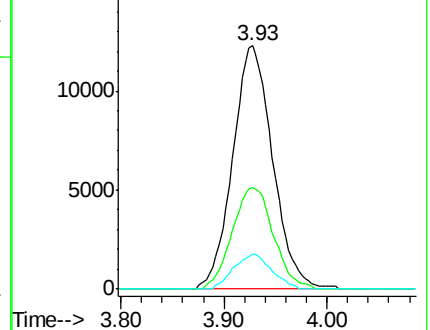
141 13.6 11.0 16.6

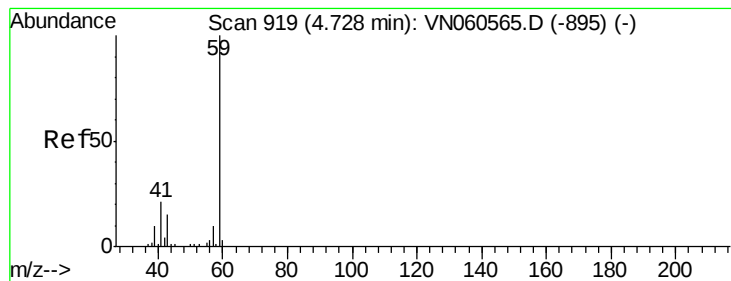


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



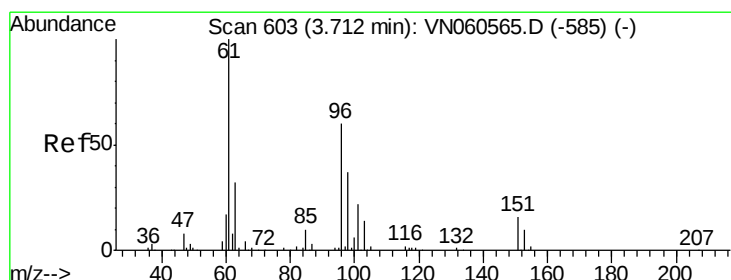
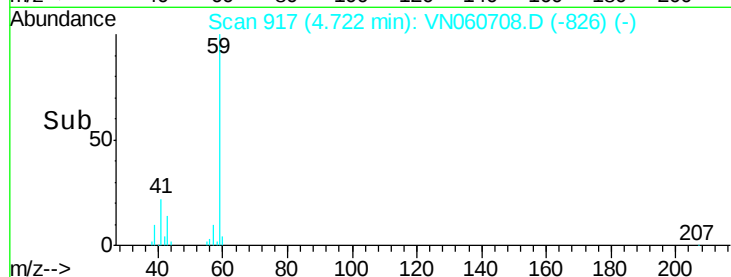
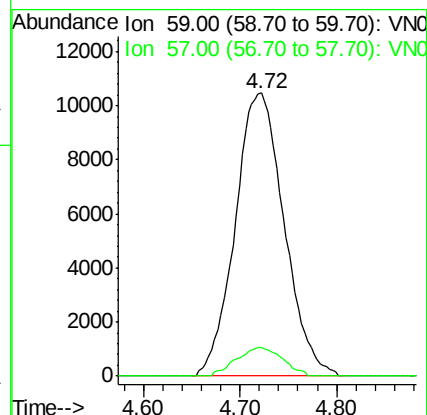
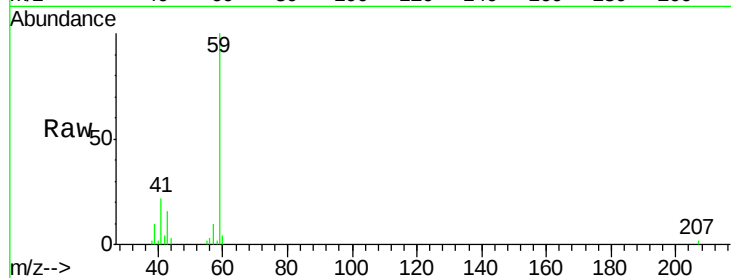


#11

Tert butyl alcohol
 Concen: 90.292 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

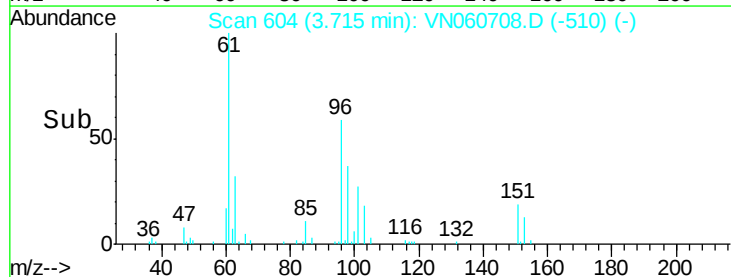
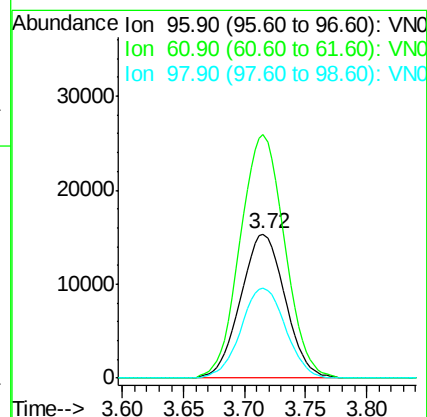
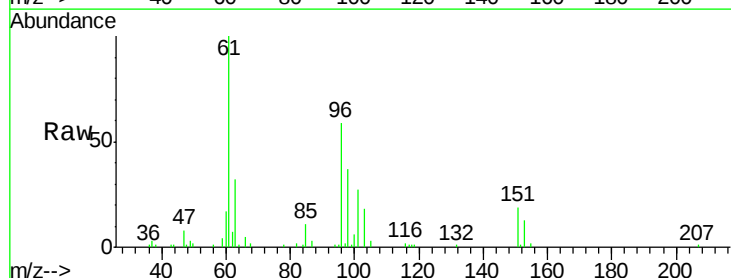
Tgt Ion: 59 Resp: 36778
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 17.749 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 96 Resp: 38771
 Ion Ratio Lower Upper
 96 100
 61 168.6 134.1 201.1
 98 62.0 49.9 74.9





#13

Acrolein

Concen: 77.739 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

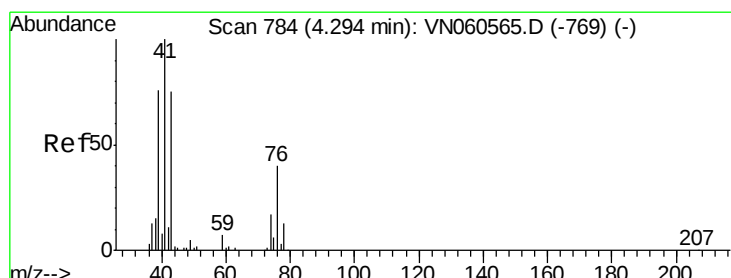
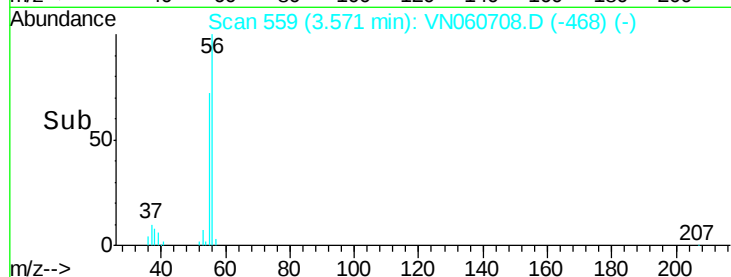
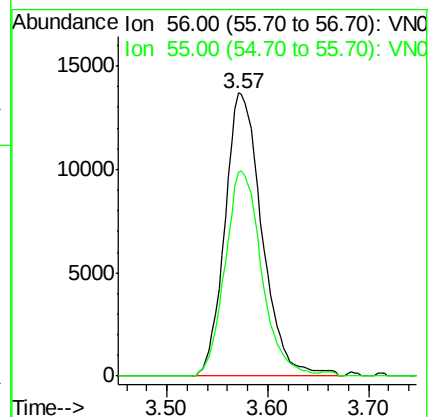
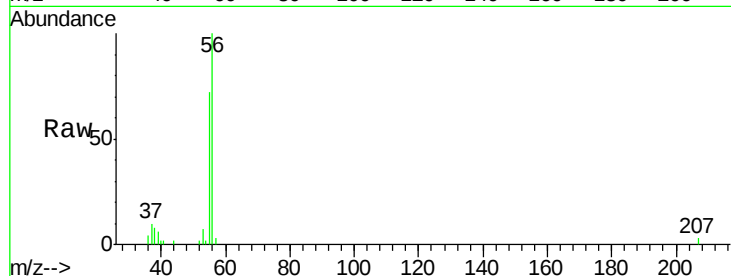
VN0326WBS01

Tgt Ion: 56 Resp: 35094

Ion Ratio Lower Upper

56 100

55 71.5 56.7 85.1



#14

Allyl chloride

Concen: 17.993 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

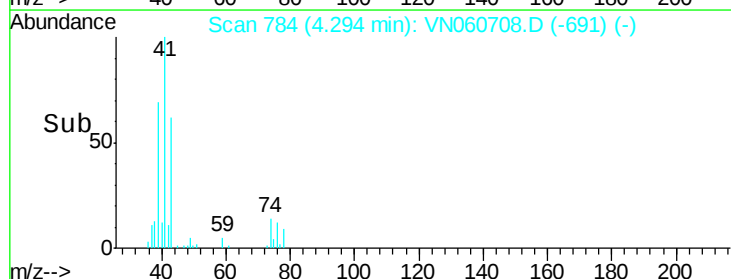
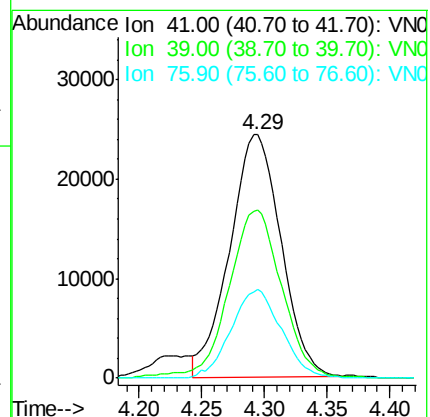
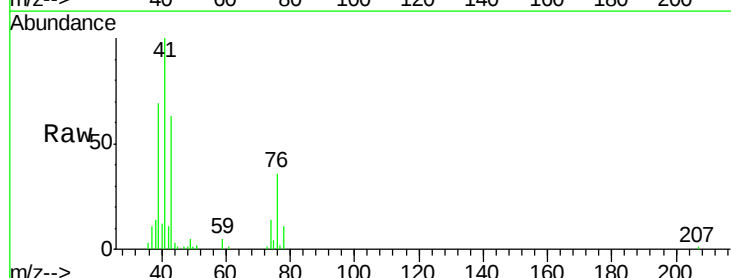
Tgt Ion: 41 Resp: 69126

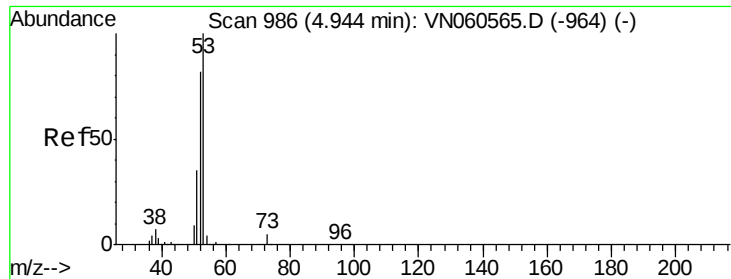
Ion Ratio Lower Upper

41 100

39 72.1 57.8 86.8

76 35.9 28.6 43.0





#15

Acrylonitrile

Concen: 90.260 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

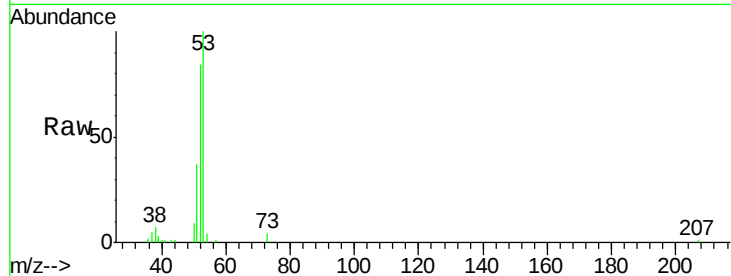
Tgt Ion: 53 Resp: 108111

Ion Ratio Lower Upper

53 100

52 81.3 66.2 99.4

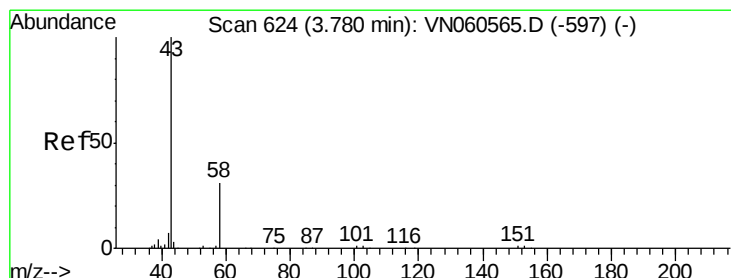
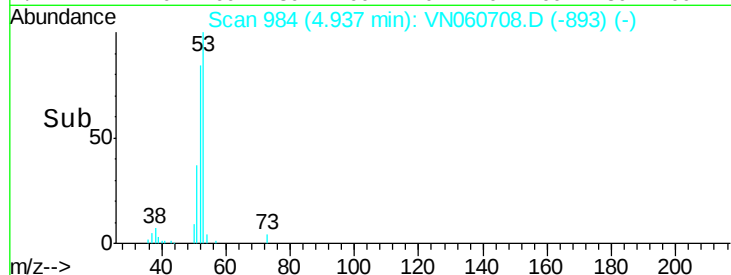
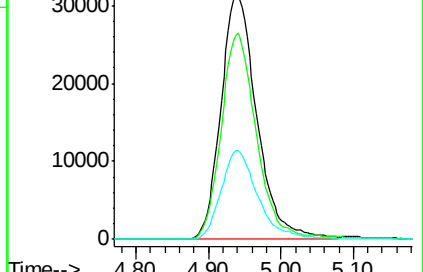
51 36.9 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060708.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060708.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060708.D (-964) (-)



#16

Acetone

Concen: 106.882 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060708.D

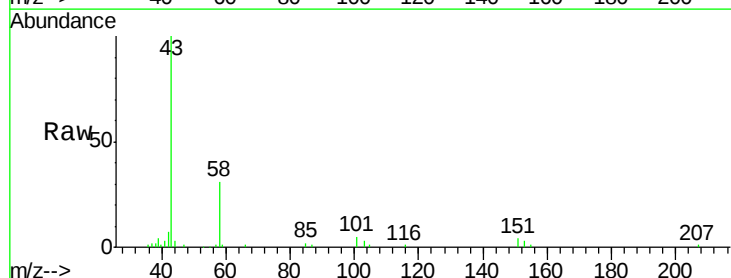
Acq: 26 Mar 2020 12:35

Tgt Ion: 43 Resp: 104857

Ion Ratio Lower Upper

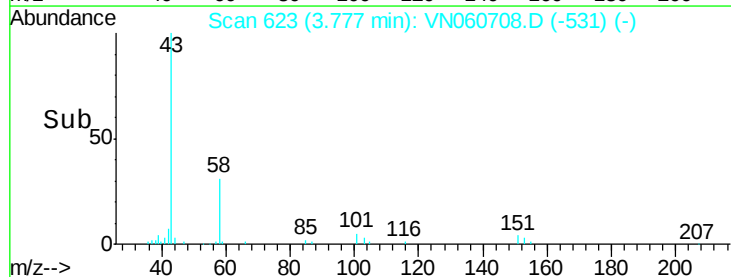
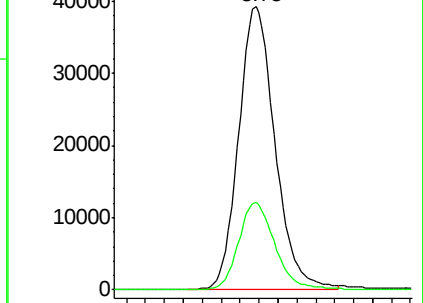
43 100

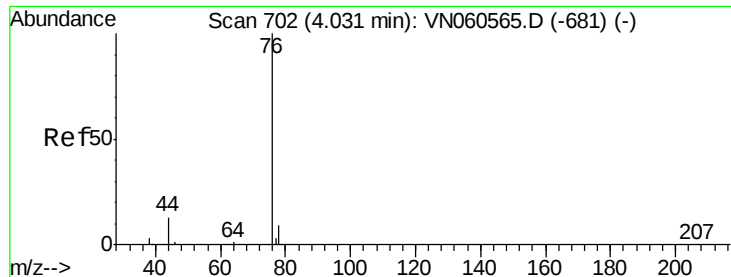
58 30.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060708.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060708.D (-597) (-)

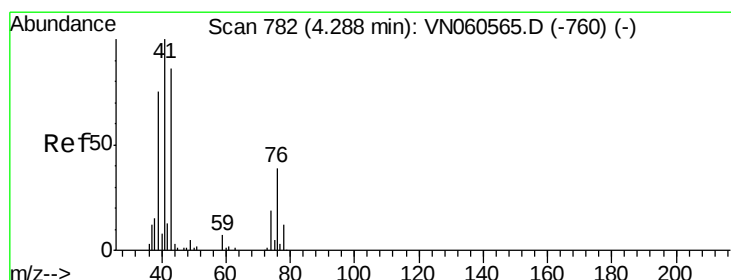
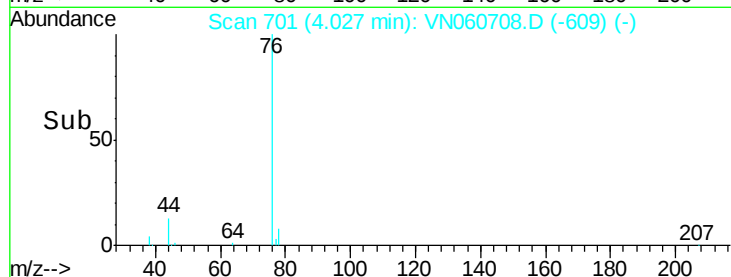
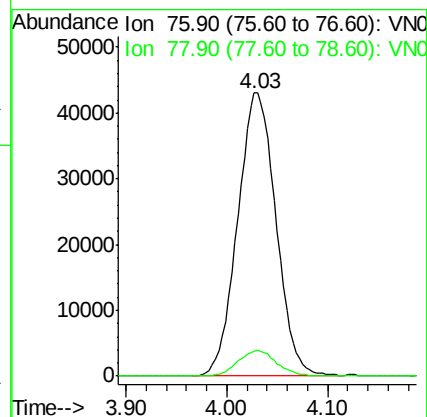
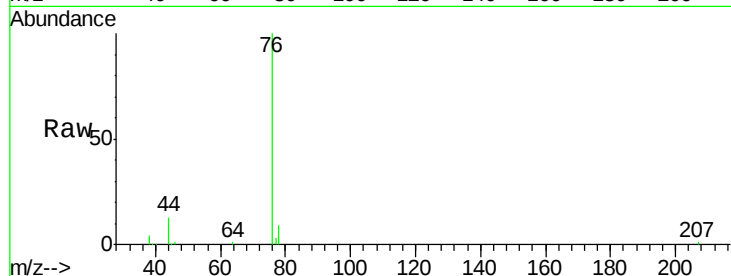




#17
Carbon Disulfide
Concen: 17.101 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

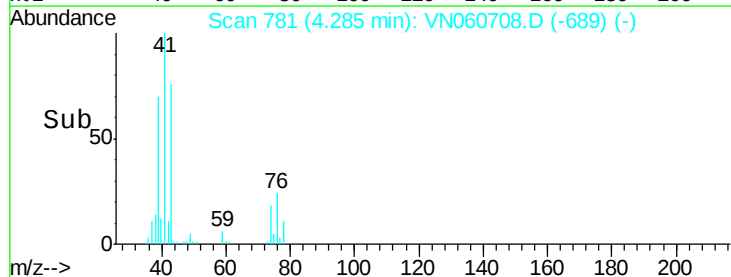
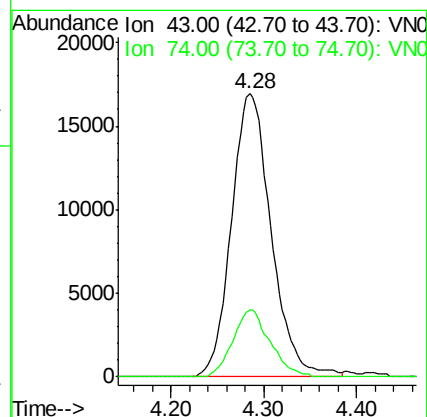
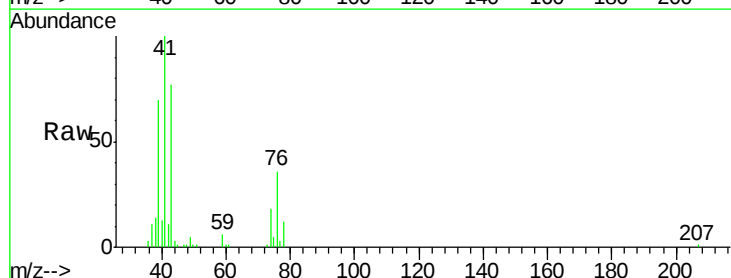
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

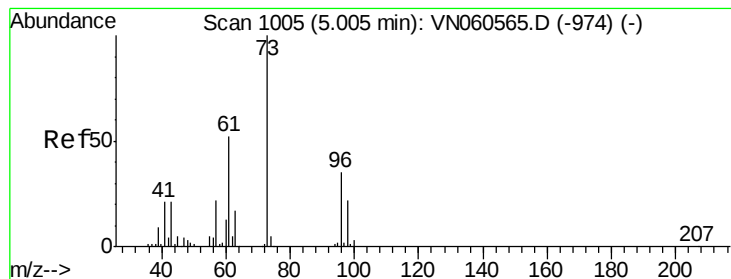
Tgt Ion: 76 Resp: 113608
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.253 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion: 43 Resp: 50405
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3



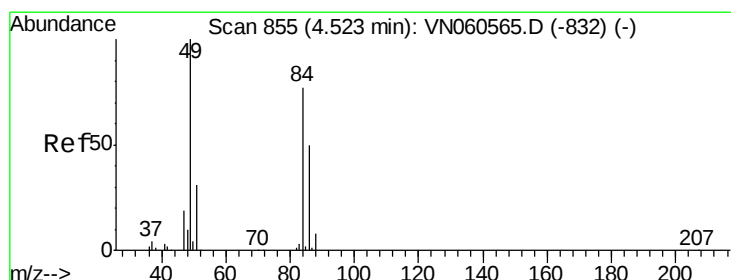
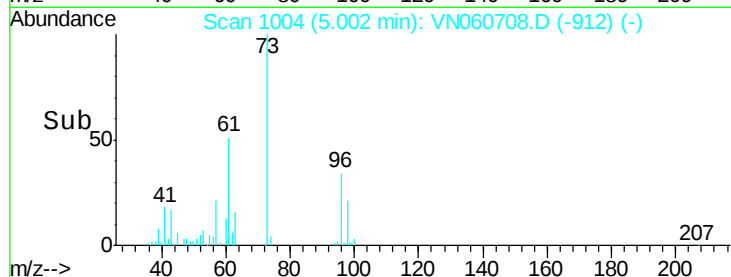
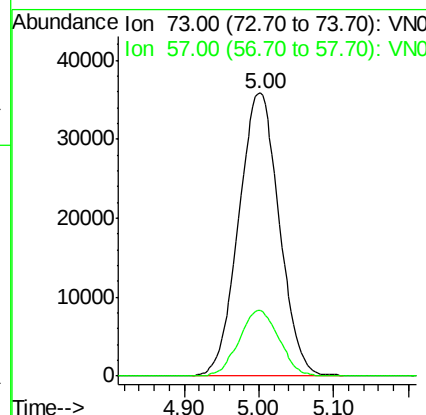
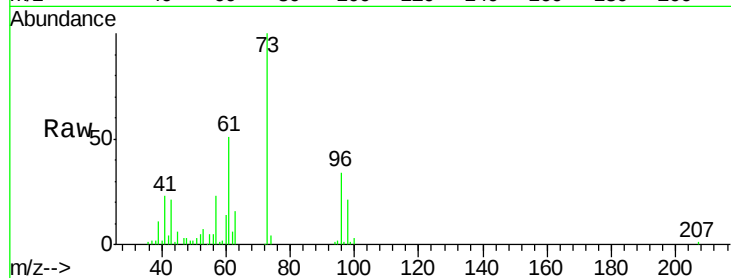


#19

Methyl tert-butyl Ether
 Concen: 17.987 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

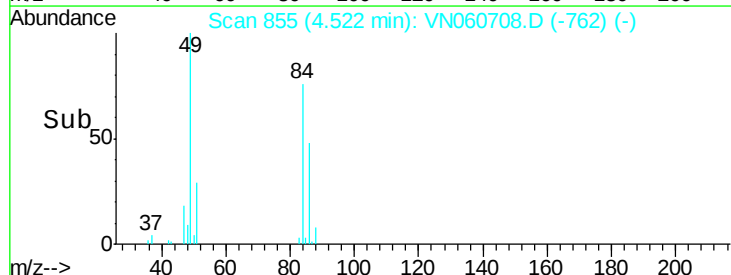
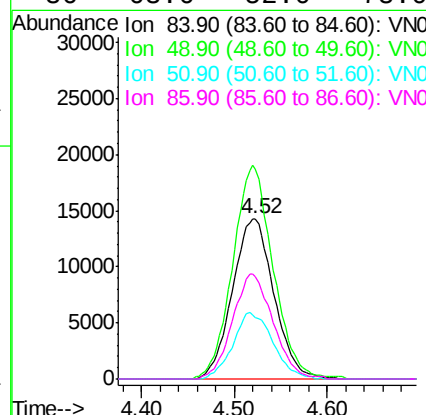
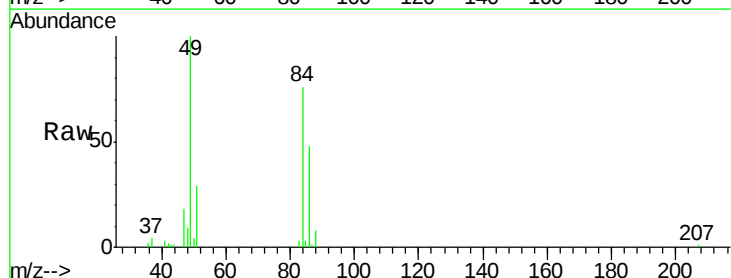
Tgt Ion: 73 Resp: 135085
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.5 26.3

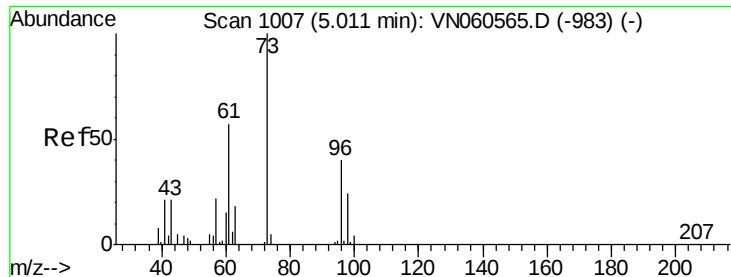


#20

Methylene Chloride
 Concen: 18.376 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 84 Resp: 44349
 Ion Ratio Lower Upper
 84 100
 49 131.5 103.3 154.9
 51 38.2 31.6 47.4
 86 63.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.832 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

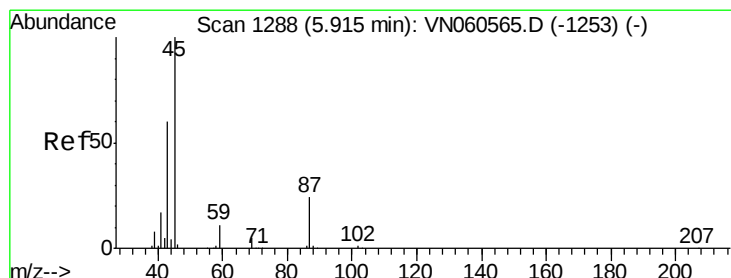
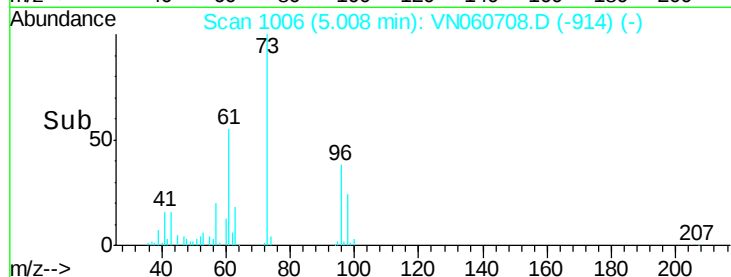
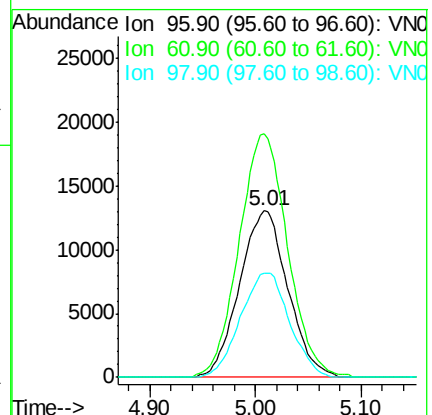
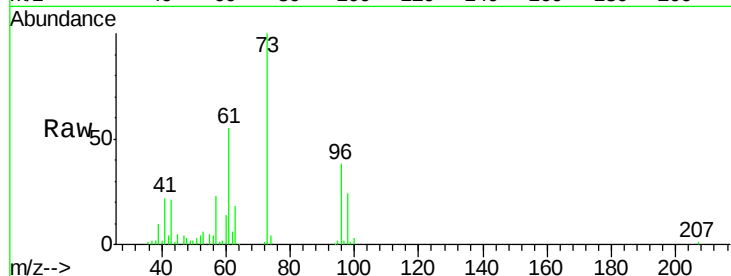
Tgt Ion: 96 Resp: 41515

Ion Ratio Lower Upper

96 100

61 146.3 114.4 171.6

98 62.6 48.4 72.6



#22

Diisopropyl ether

Concen: 18.805 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Tgt Ion: 45 Resp: 152629

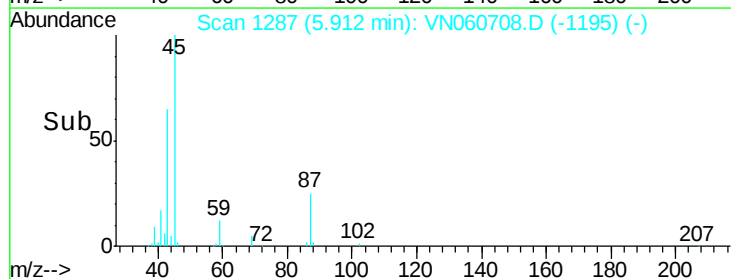
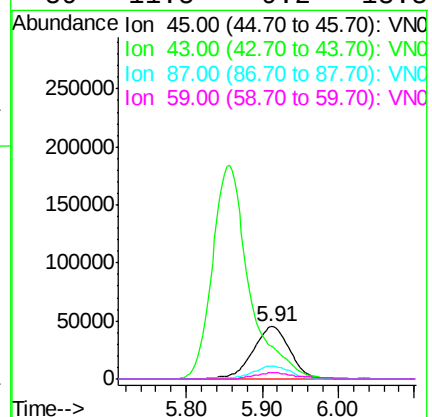
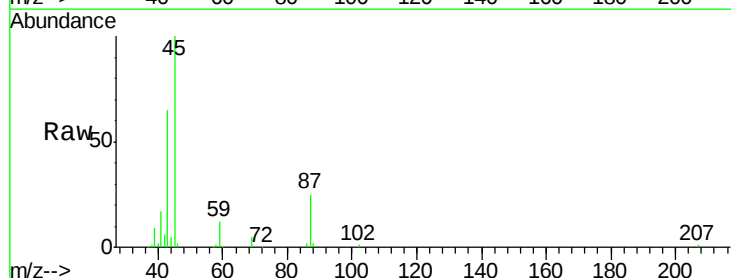
Ion Ratio Lower Upper

45 100

43 62.9 49.8 74.8

87 25.4 20.1 30.1

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 93.651 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

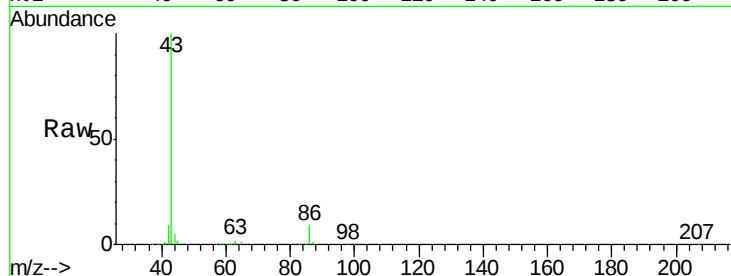
VN0326WBS01

Tgt Ion: 43 Resp: 620198

Ion Ratio Lower Upper

43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060708.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060708.D (-1178) (-)

5.86

200000

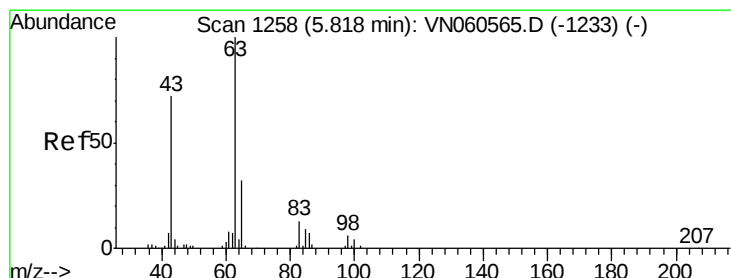
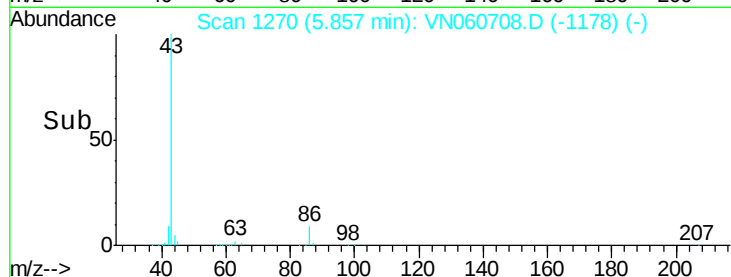
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.747 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

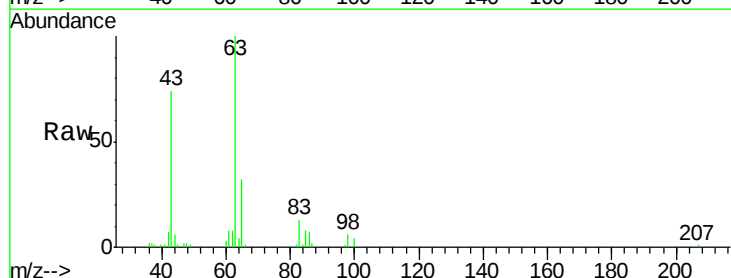
Tgt Ion: 63 Resp: 82949

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.7

100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060708.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060708.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060708.D (-1165) (-)

5.82

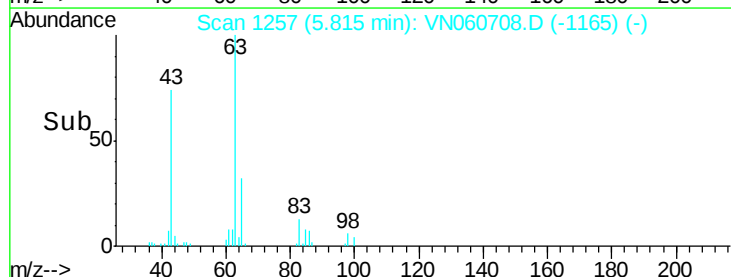
30000

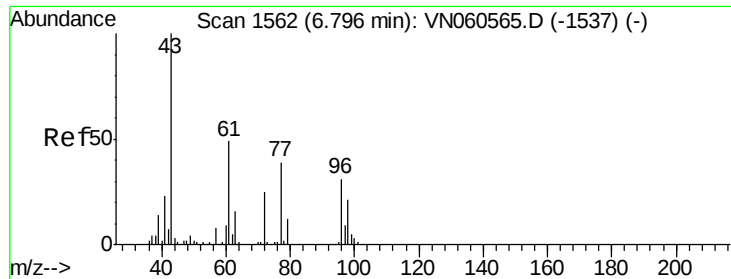
20000

10000

0

Time-->





#25

2-Butanone

Concen: 94.389 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

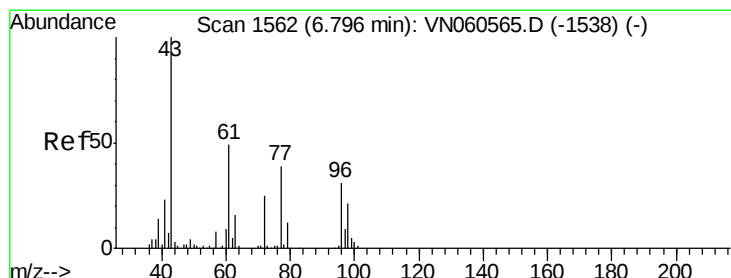
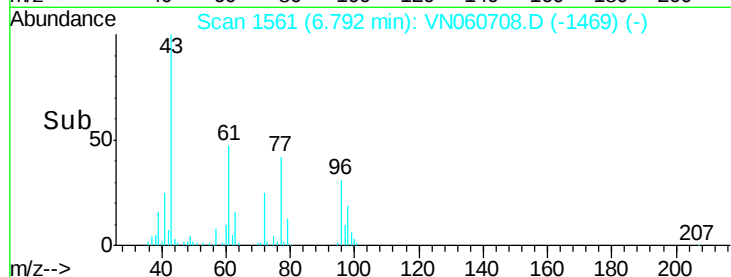
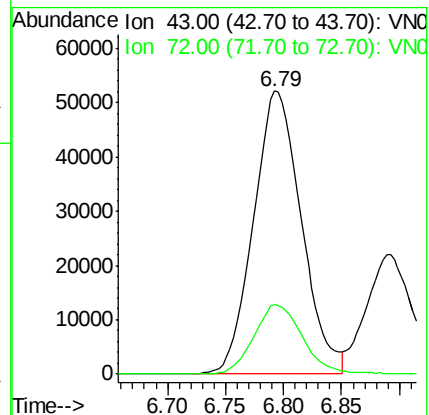
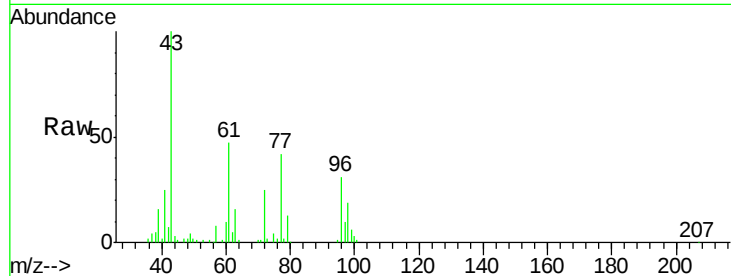
VN0326WBS01

Tgt Ion: 43 Resp: 149845

Ion Ratio Lower Upper

43 100

72 24.6 20.4 30.6



#26

2,2-Dichloropropane

Concen: 20.554 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060708.D

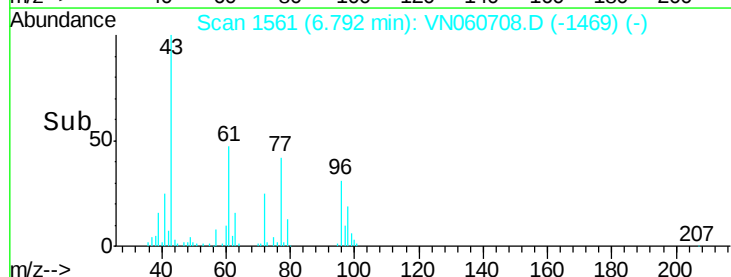
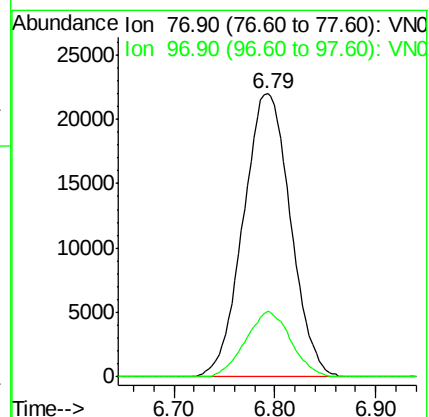
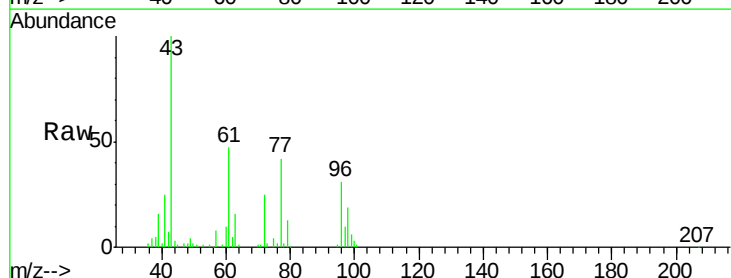
Acq: 26 Mar 2020 12:35

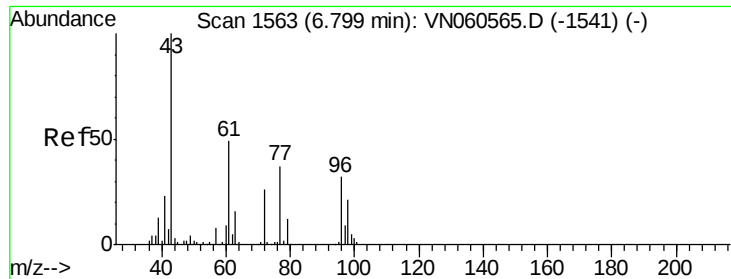
Tgt Ion: 77 Resp: 71556

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.198 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

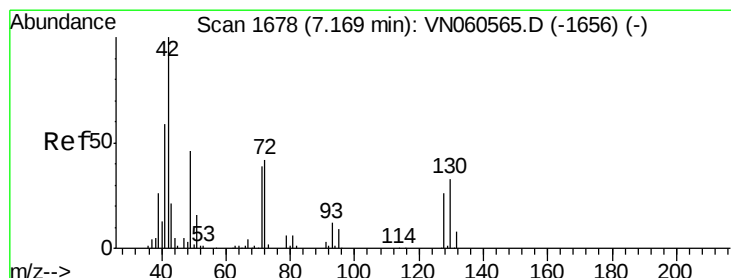
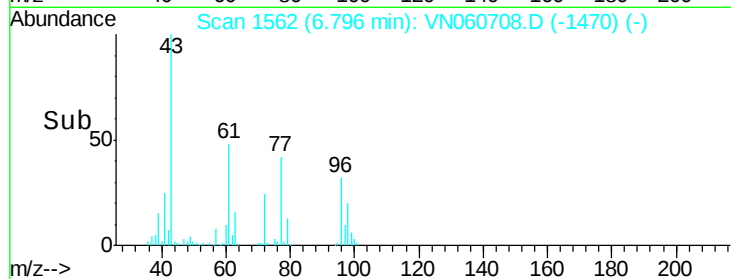
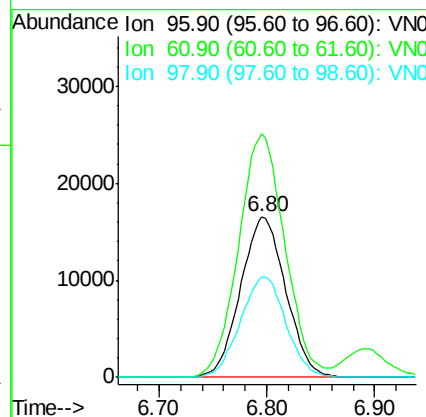
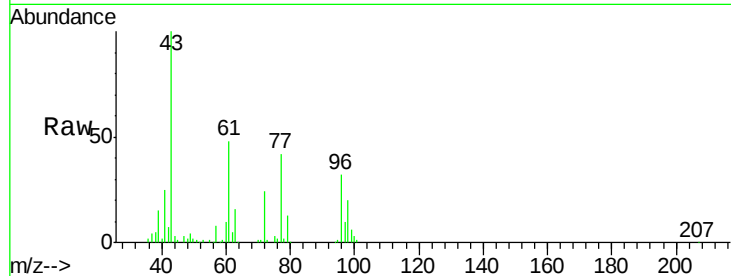
Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Tgt Ion: 96 Resp: 48143

Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	305.6
98	63.0	0.0	127.6



#28

Bromochloromethane

Concen: 19.085 ug/l

RT: 7.17 min Scan# 1677

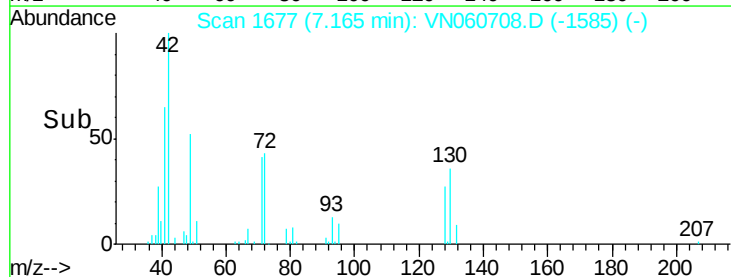
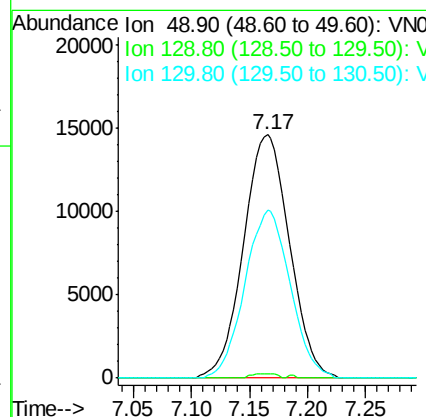
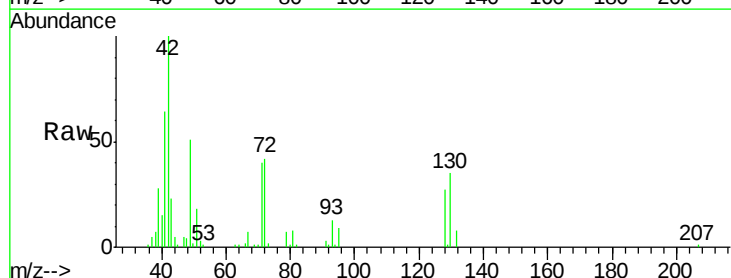
Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Tgt Ion: 49 Resp: 40402

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.4
130	67.9	55.0	82.4





#29

Tetrahydrofuran

Concen: 87.900 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

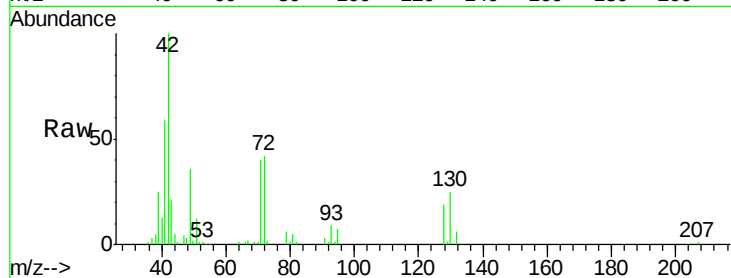
Tgt Ion: 42 Resp: 98732

Ion Ratio Lower Upper

42 100

72 40.8 33.2 49.8

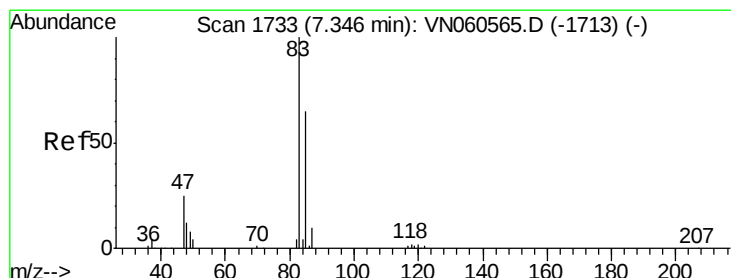
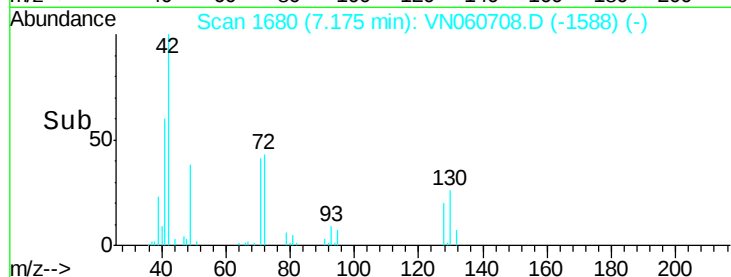
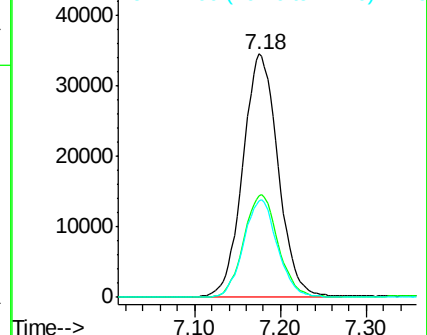
71 38.2 31.1 46.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.347 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060708.D

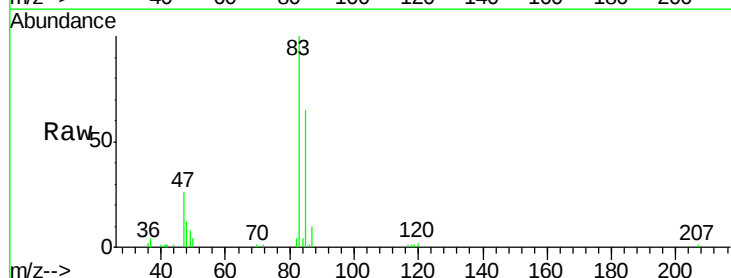
Acq: 26 Mar 2020 12:35

Tgt Ion: 83 Resp: 77824

Ion Ratio Lower Upper

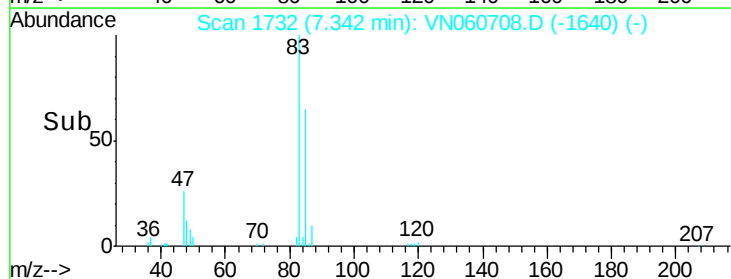
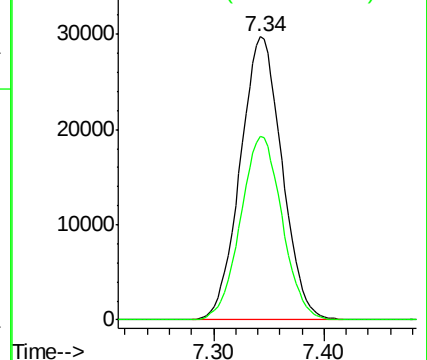
83 100

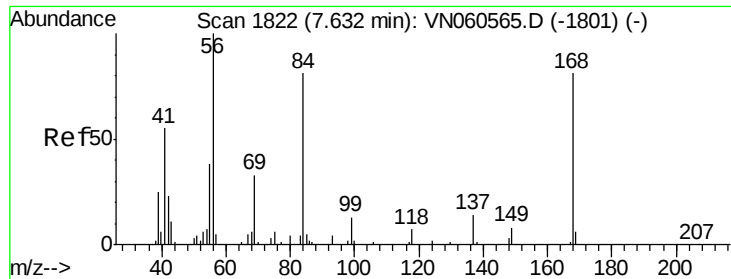
85 64.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

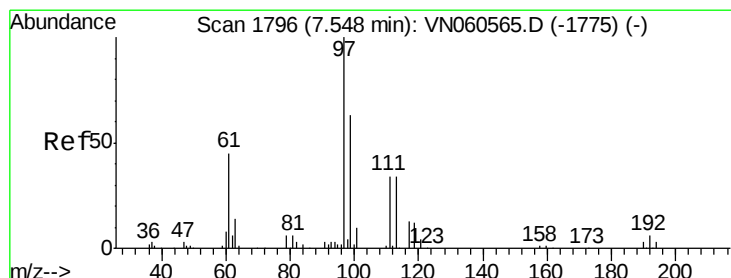
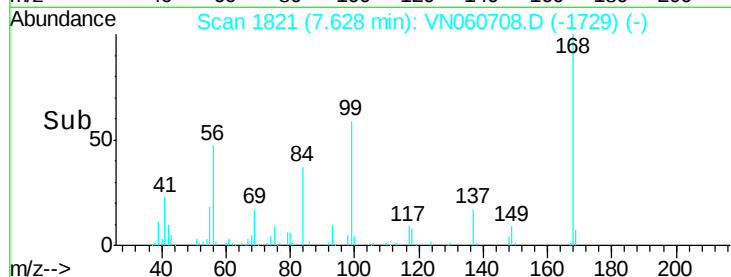
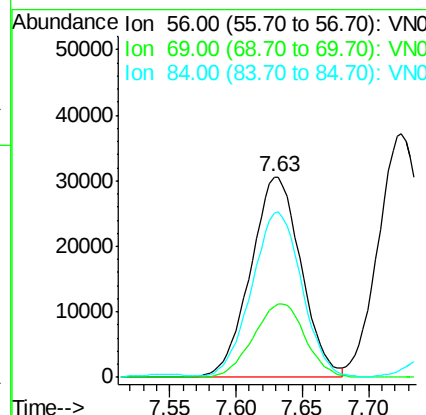
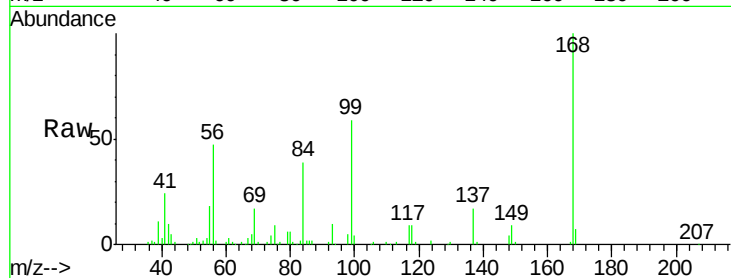




#31
Cyclohexane
Concen: 18.144 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

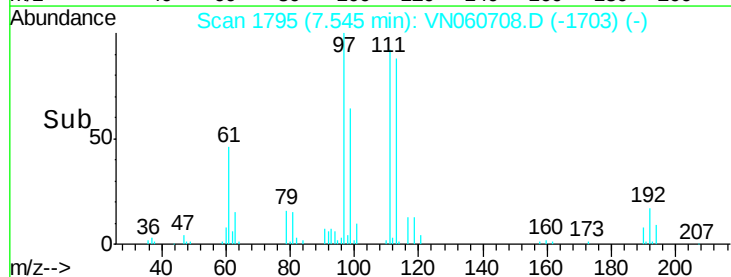
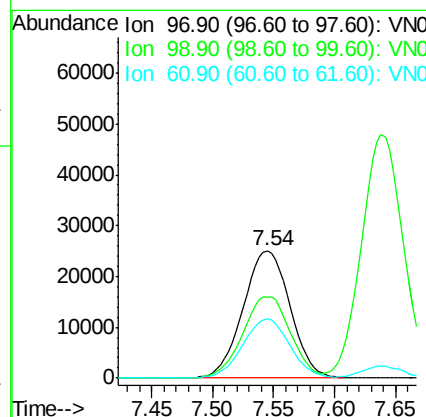
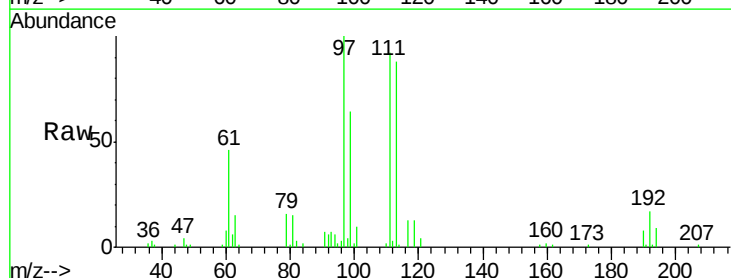
Instrument :
MSVOA_N
ClientSampled :
VN0326WBS01

Tgt Ion: 56 Resp: 80939
Ion Ratio Lower Upper
56 100
69 35.5 26.6 40.0
84 81.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.273 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion: 97 Resp: 66820
Ion Ratio Lower Upper
97 100
99 64.9 50.6 75.8
61 46.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 48.282 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

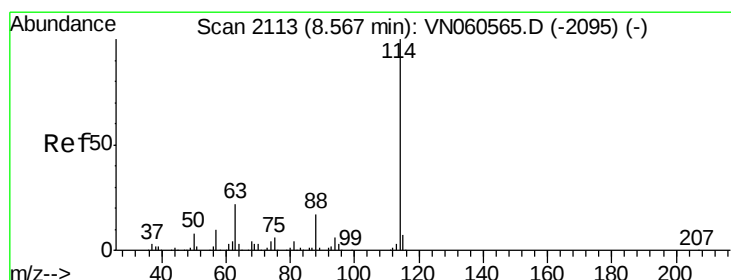
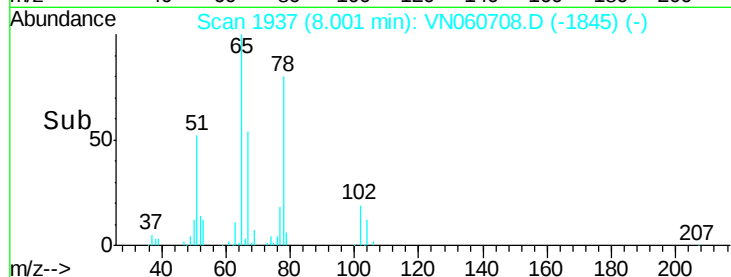
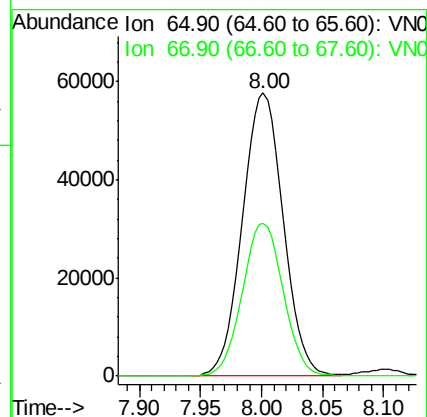
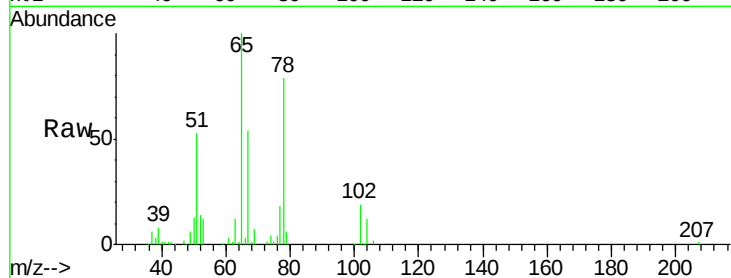
VN0326WBS01

Tgt Ion: 65 Resp: 133722

Ion Ratio Lower Upper

65 100

67 54.1 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: VN060708.D

Acq: 26 Mar 2020 12:35

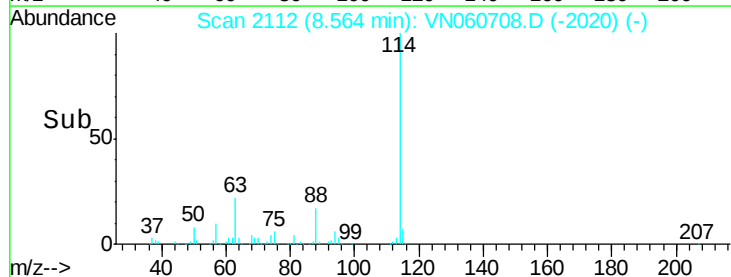
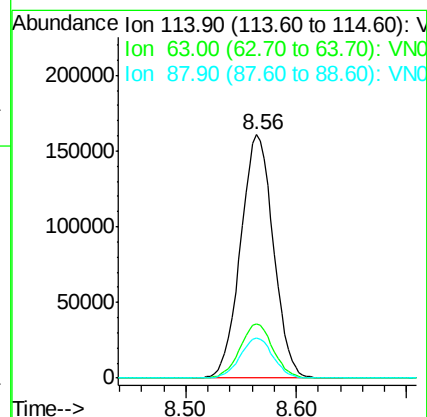
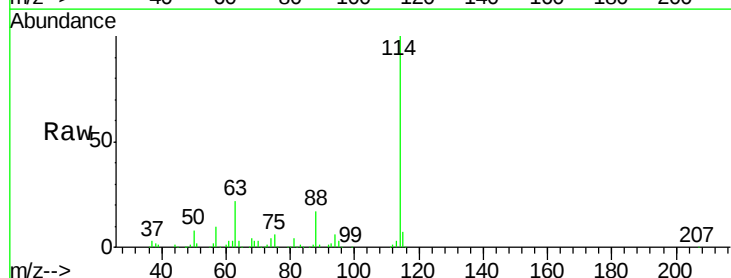
Tgt Ion: 114 Resp: 330832

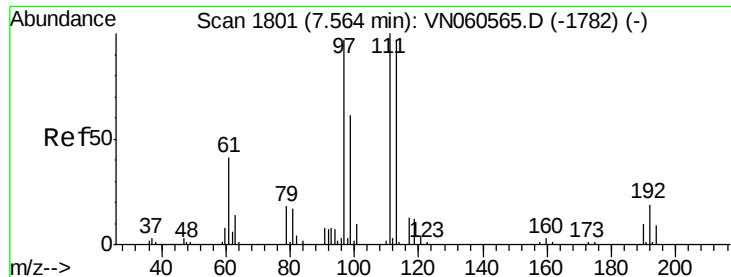
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.946 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

VN0326WBS01

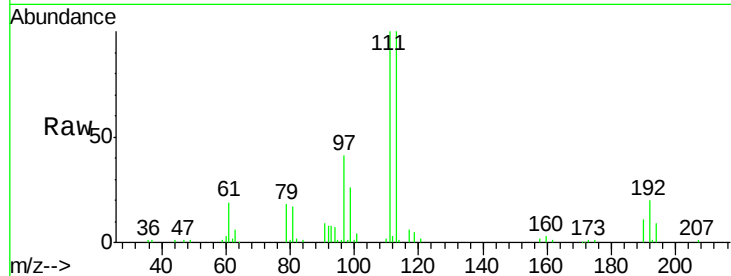
Tgt Ion:113 Resp: 99914

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

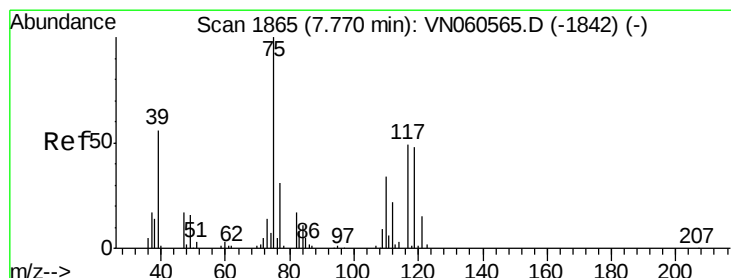
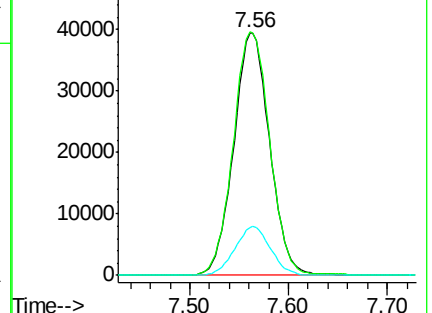
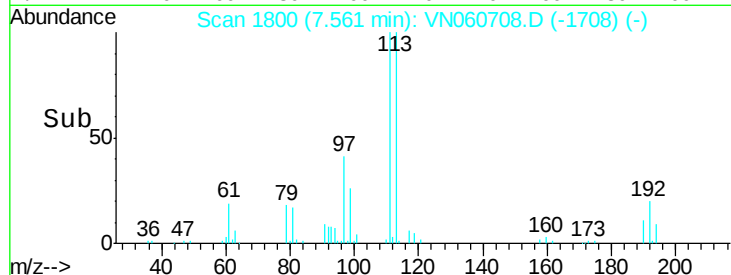
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.892 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

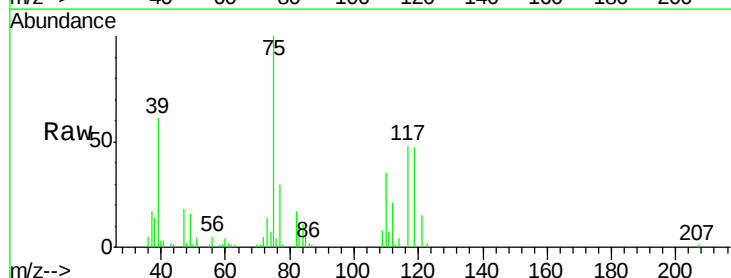
Tgt Ion: 75 Resp: 60521

Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.6

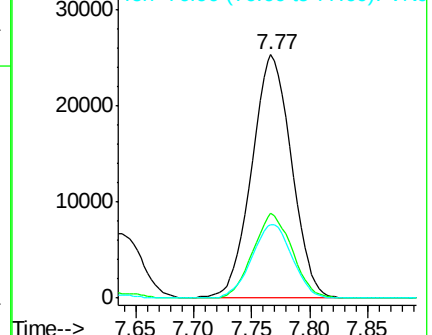
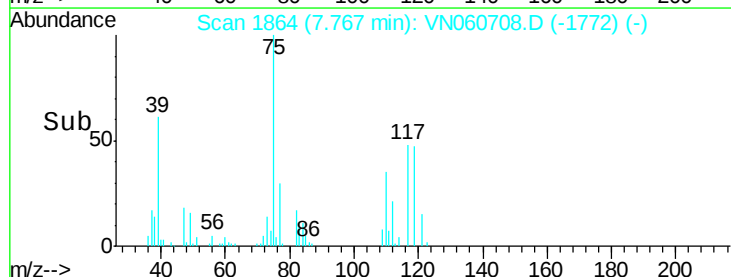
77 30.5 24.6 36.8

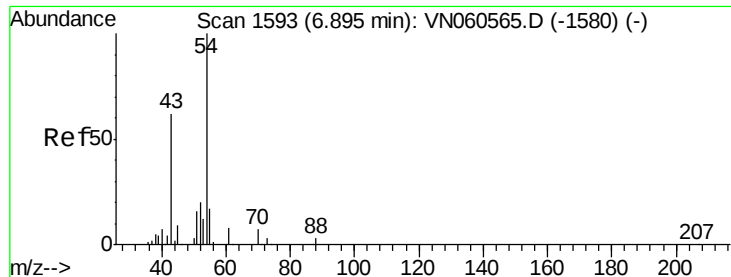


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

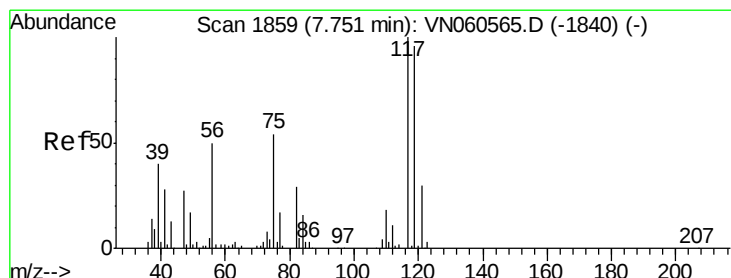
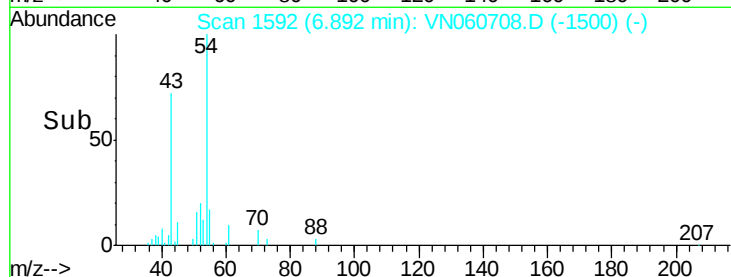
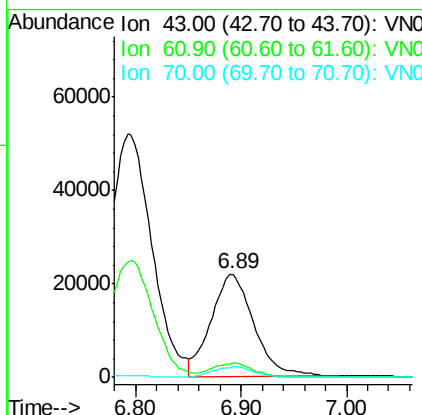
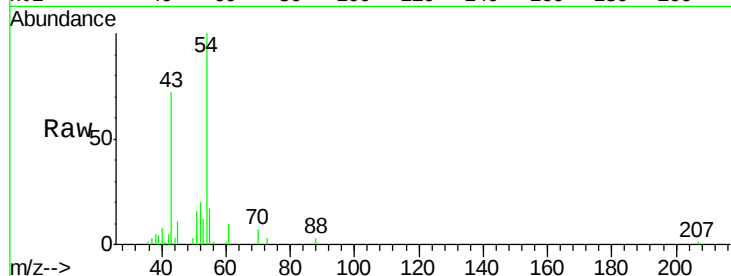




#37
 Ethyl Acetate
 Concen: 17.813 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

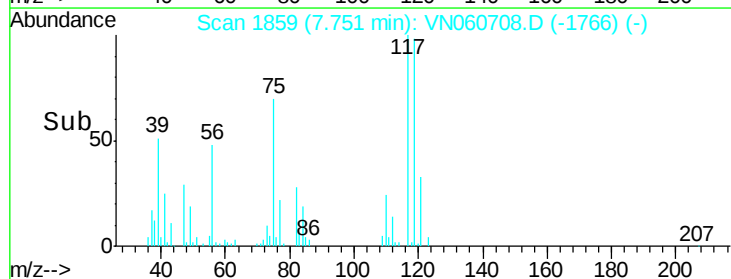
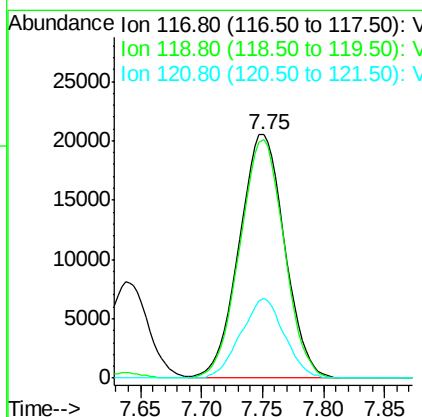
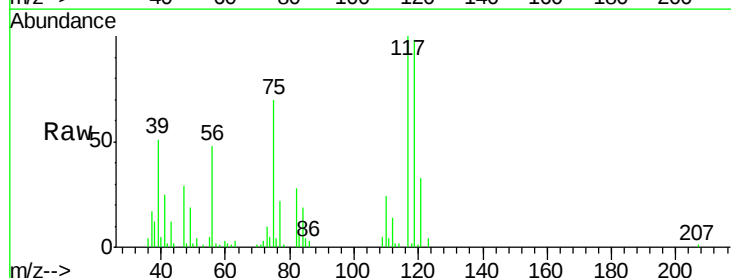
Instrument :
 MSVOA_N
 ClientSampled :
 VN0326WBS01

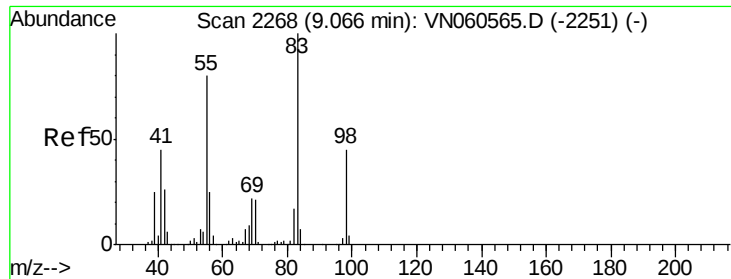
Tgt Ion: 43 Resp: 61657
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.6 15.8
 70 10.1 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 18.438 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 117 Resp: 52939
 Ion Ratio Lower Upper
 117 100
 119 98.2 76.2 114.2
 121 32.7 23.7 35.5

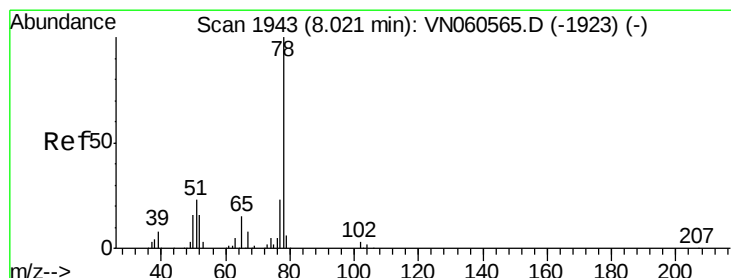
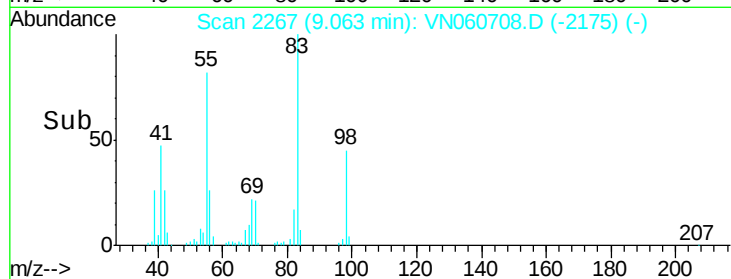
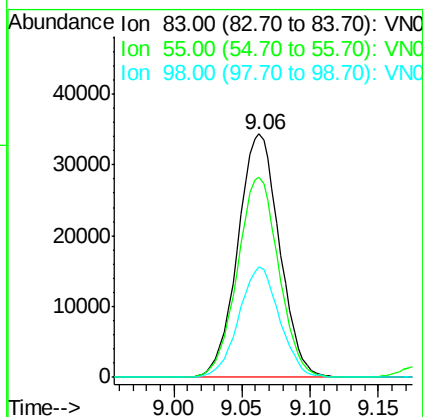
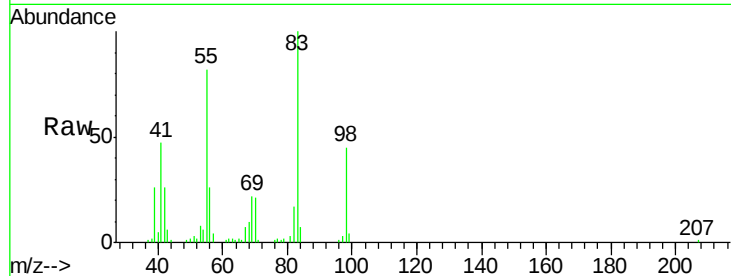




#39
Methylcyclohexane
Concen: 19.088 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

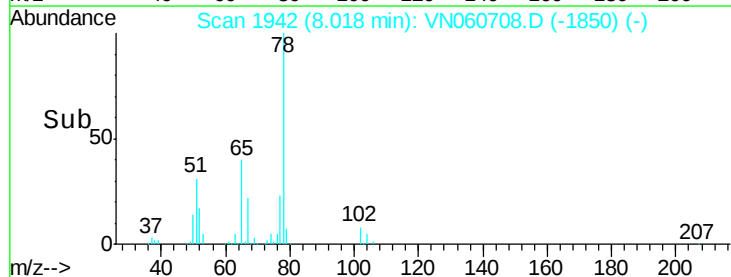
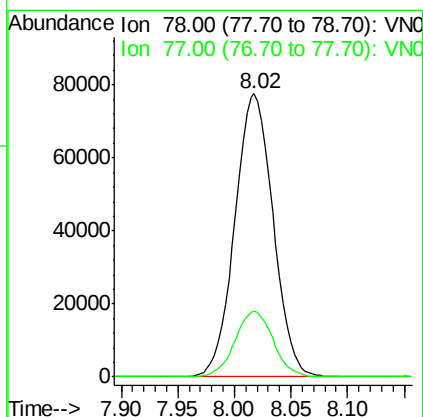
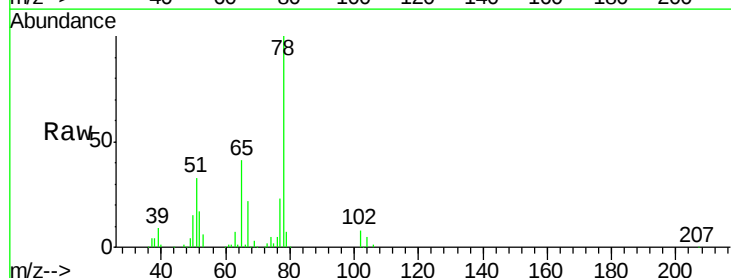
Instrument :
MSVOA_N
ClientSampled :
VN0326WBS01

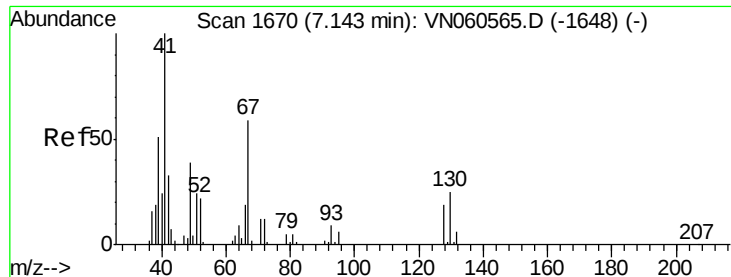
Tgt Ion: 83 Resp: 72668
Ion Ratio Lower Upper
83 100
55 82.2 63.6 95.4
98 45.2 36.0 54.0



#40
Benzene
Concen: 18.859 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion: 78 Resp: 182372
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

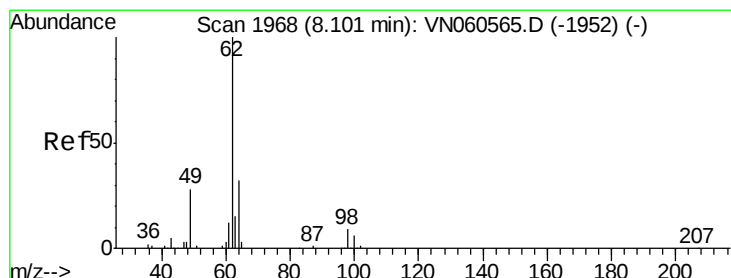
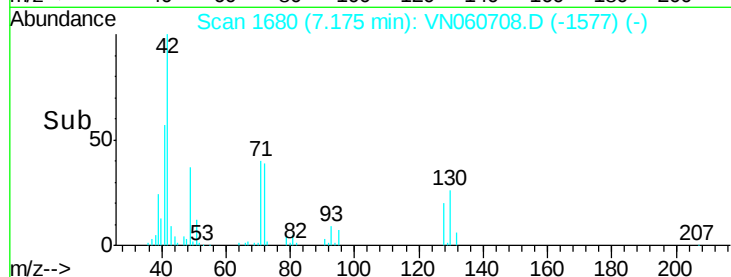
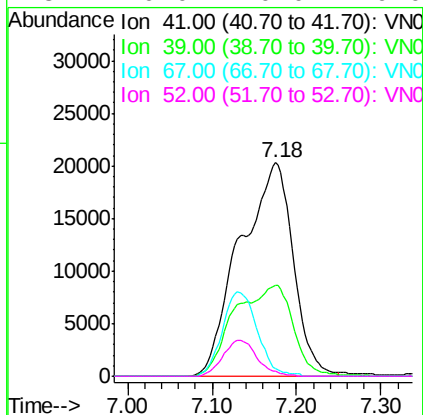
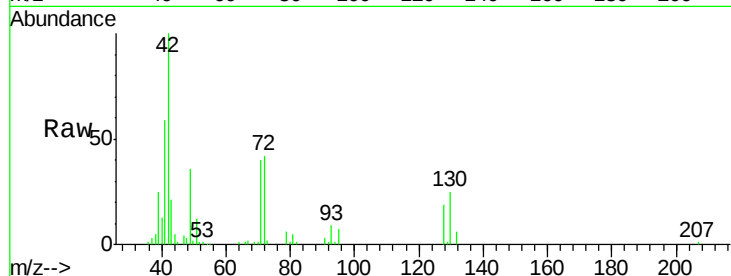




#41
Methacrylonitrile
Concen: 59.952 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

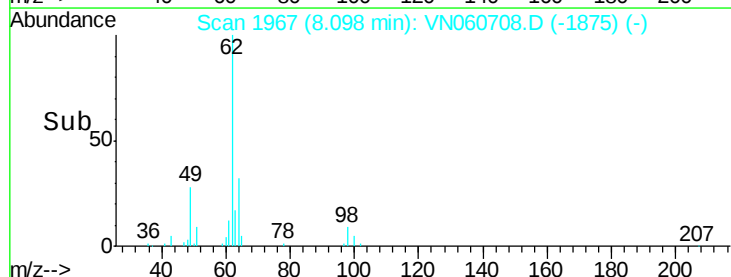
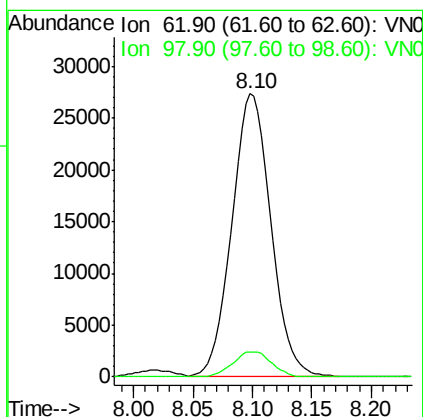
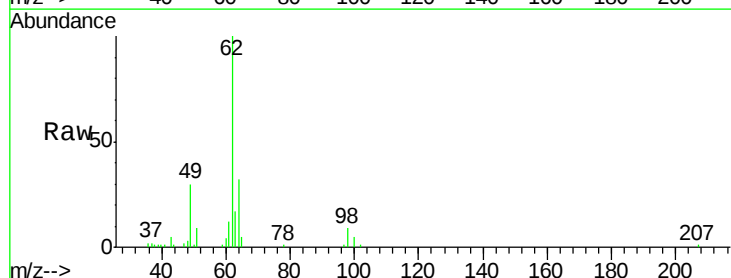
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

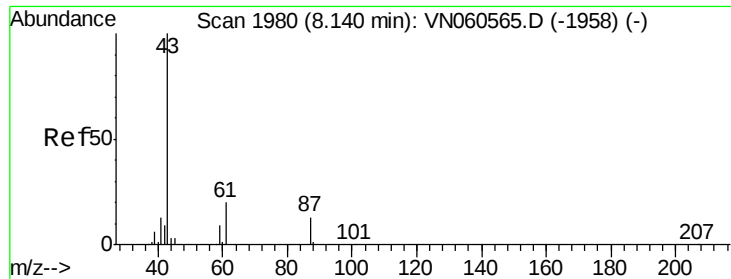
Tgt Ion:	41	Resp:	88563
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.836 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion:	62	Resp:	62251
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.489 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

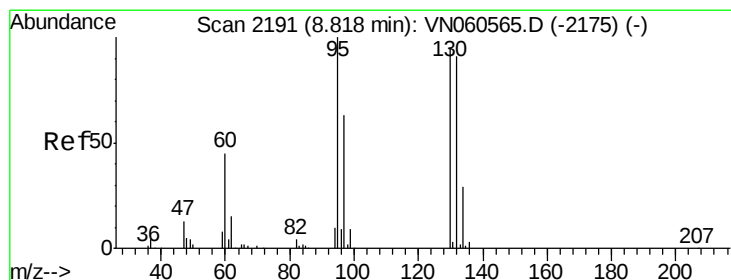
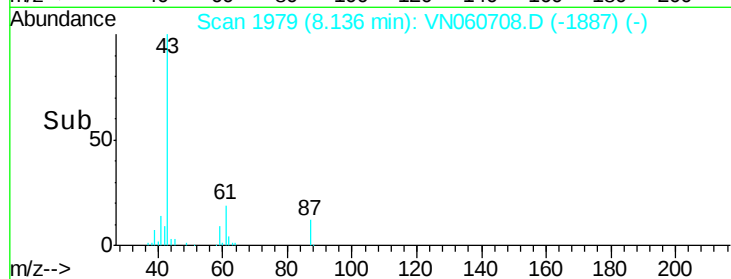
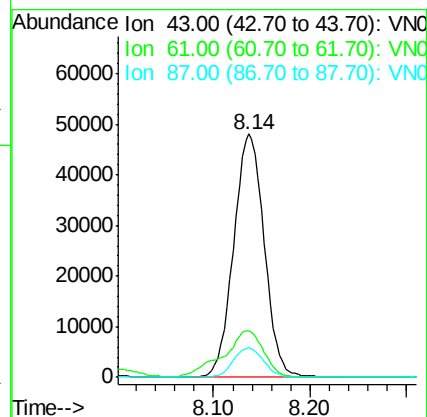
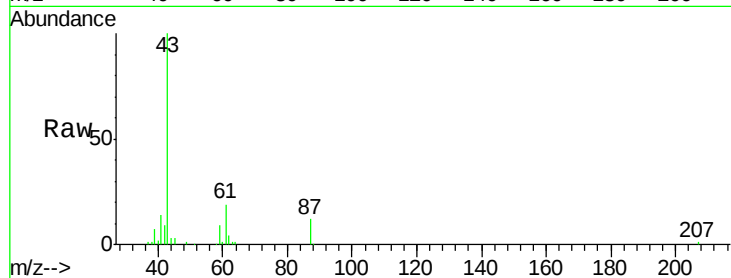
Tgt Ion: 43 Resp: 105545

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

87 12.0 9.8 14.8



#44

Trichloroethene

Concen: 19.238 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060708.D

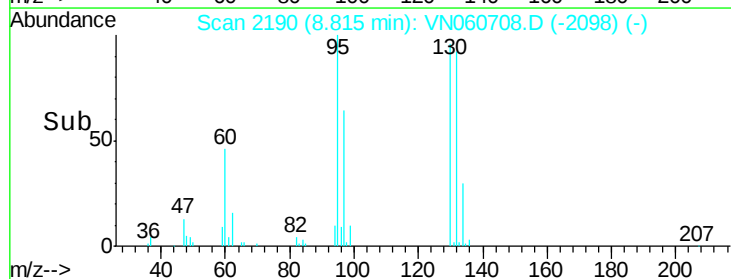
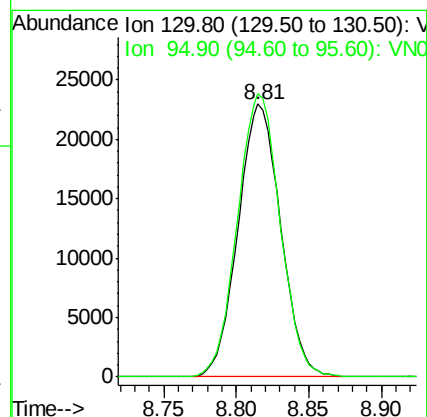
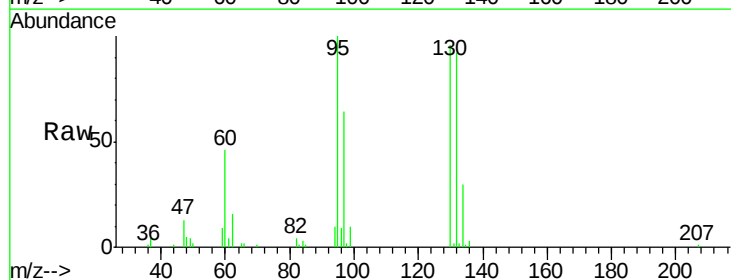
Acq: 26 Mar 2020 12:35

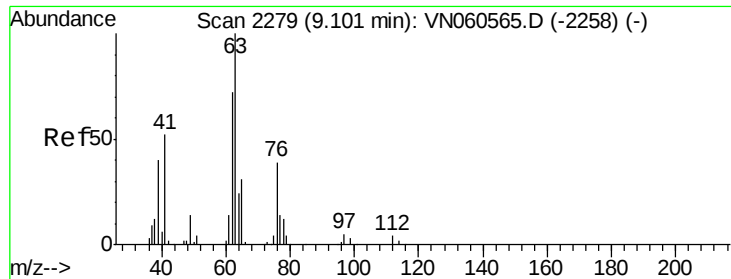
Tgt Ion: 130 Resp: 46898

Ion Ratio Lower Upper

130 100

95 103.8 0.0 211.2

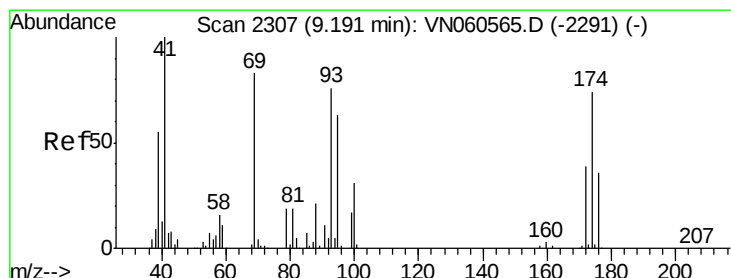
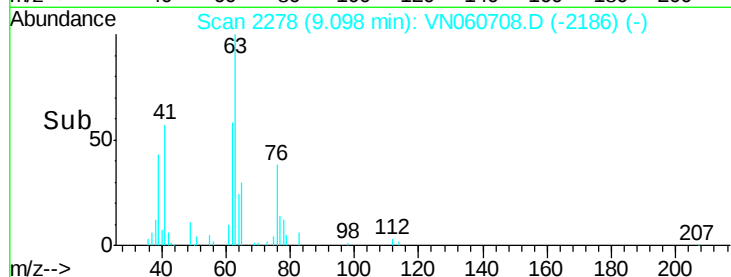
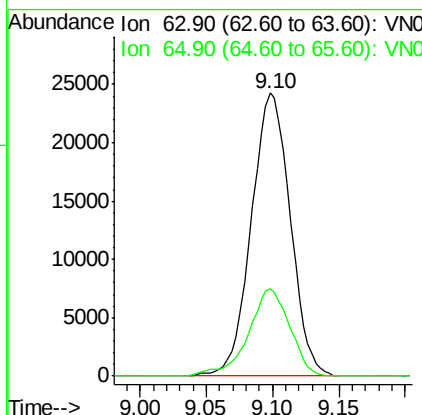
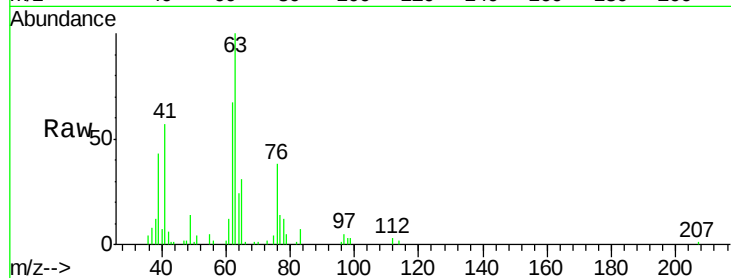




#45
 1,2-Dichloropropane
 Concen: 19.433 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

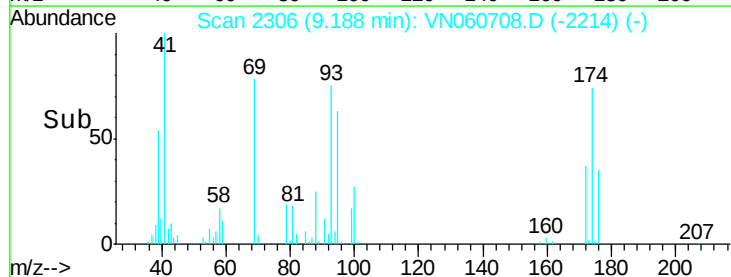
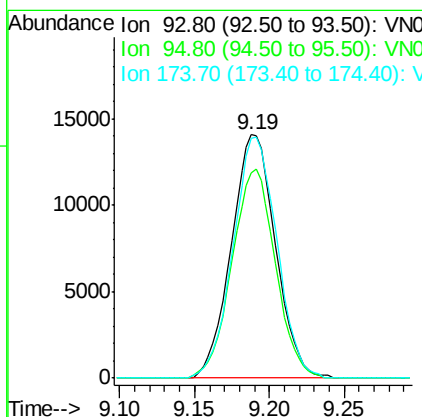
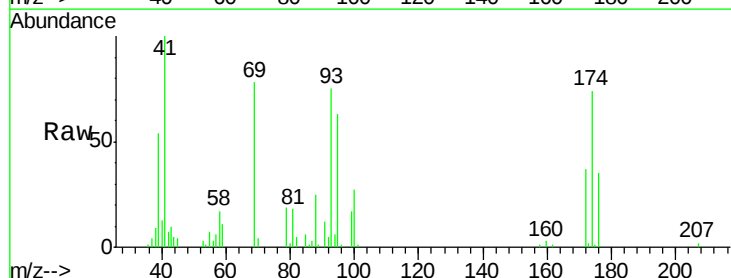
Instrument :
 MSVOA_N
 ClientSampled :
 VN0326WBS01

Tgt Ion: 63 Resp: 49589
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.4 38.0



#46
 Dibromomethane
 Concen: 18.772 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 93 Resp: 28959
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 98.0 77.9 116.9





#47

Bromodichloromethane

Concen: 18.762 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

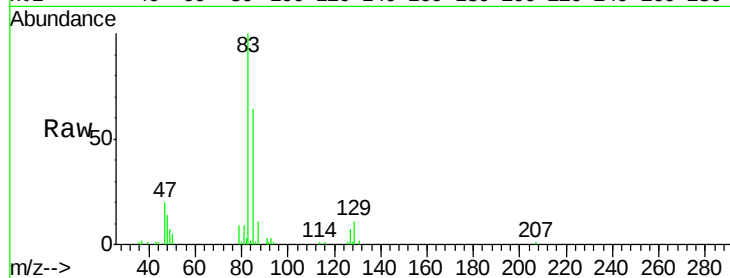
Tgt Ion: 83 Resp: 60144

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.6

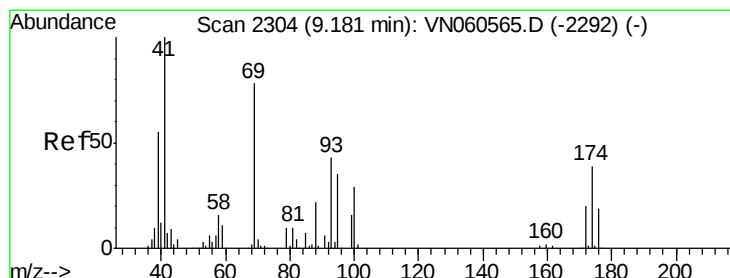
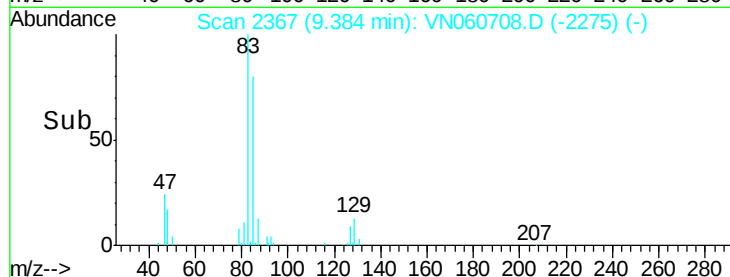
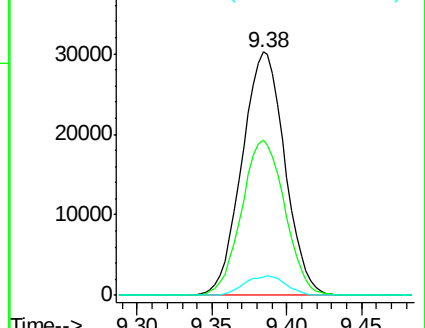
127 7.5 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060708.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060708.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060708.D (-2275) (-)



#48

Methyl methacrylate

Concen: 17.594 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

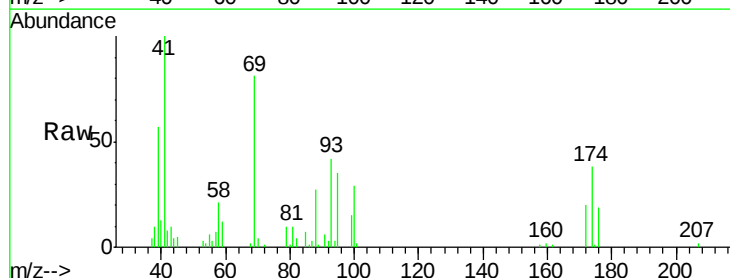
Tgt Ion: 41 Resp: 44718

Ion Ratio Lower Upper

41 100

69 81.6 65.4 98.0

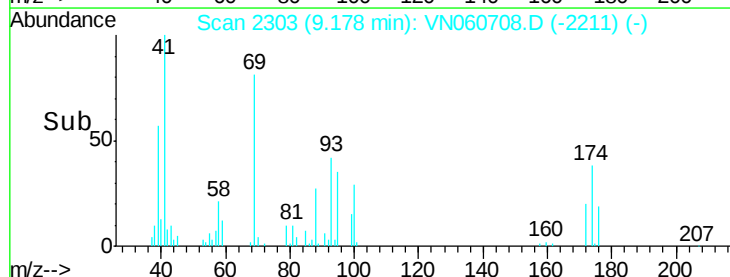
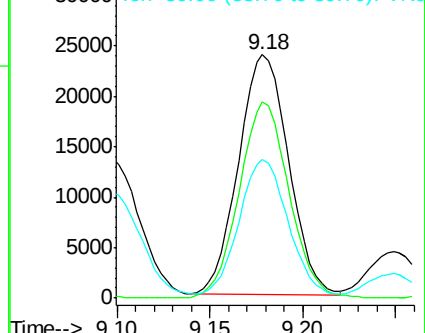
39 54.7 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060708.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060708.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060708.D (-2211) (-)

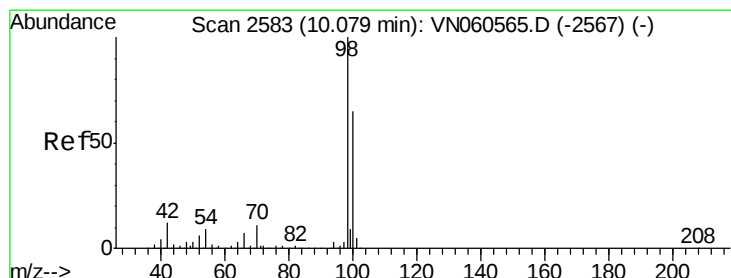
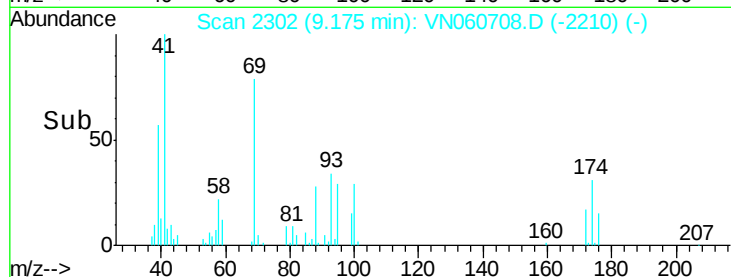
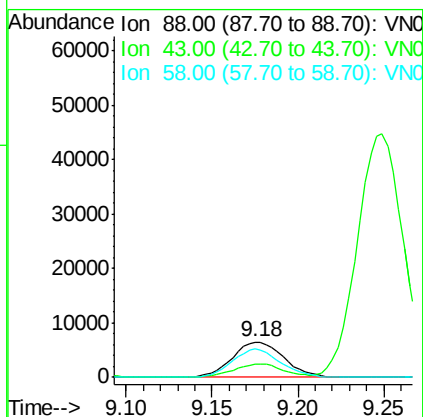
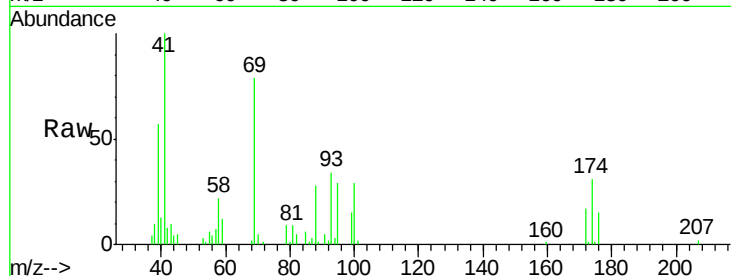




#49
1,4-Dioxane
Concen: 443.759 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

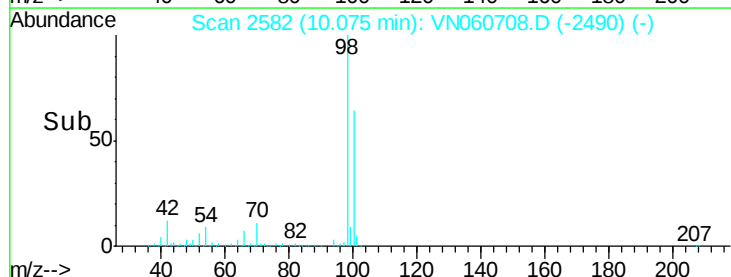
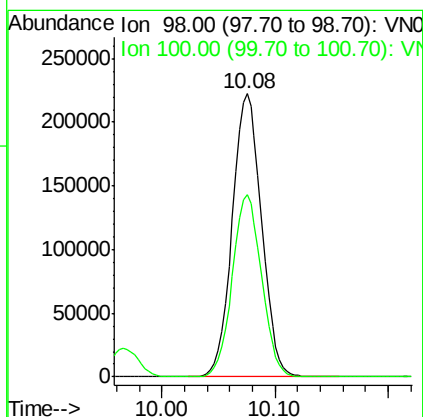
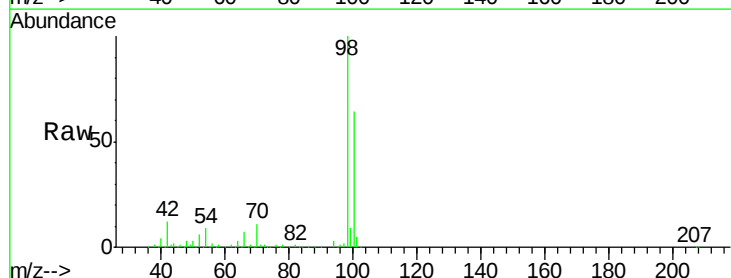
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Tgt Ion: 88 Resp: 13406
Ion Ratio Lower Upper
88 100
43 36.9 30.8 46.2
58 75.6 59.8 89.8



#50
Toluene-d8
Concen: 48.939 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion: 98 Resp: 399882
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8

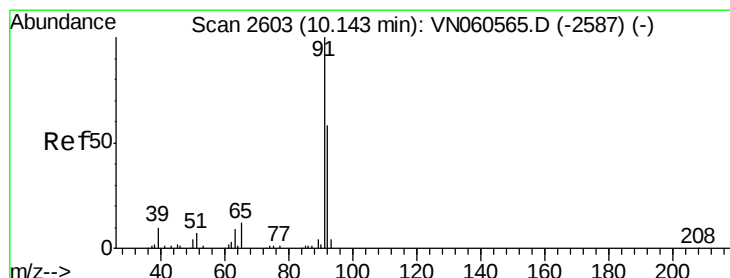
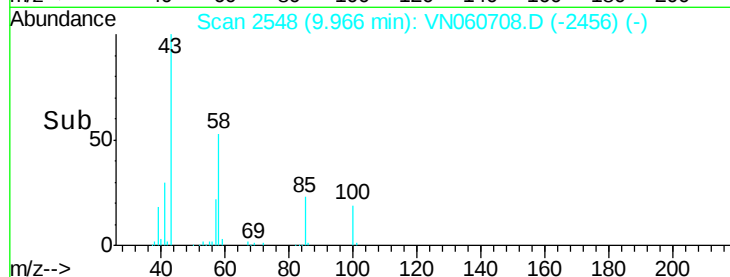
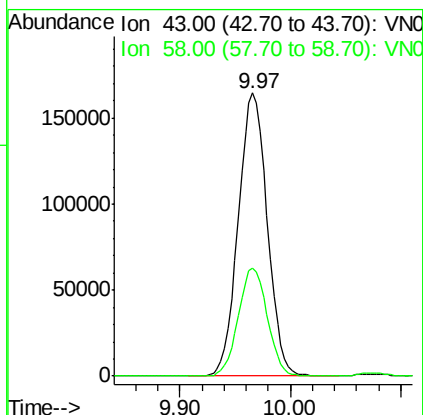
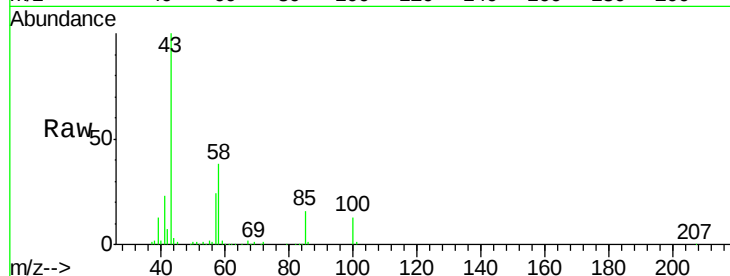




#51
 4-Methyl-2-Pentanone
 Concen: 92.377 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

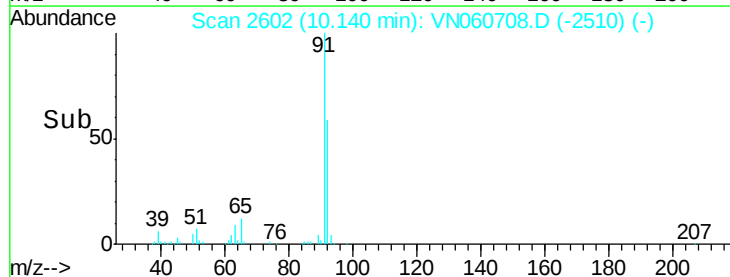
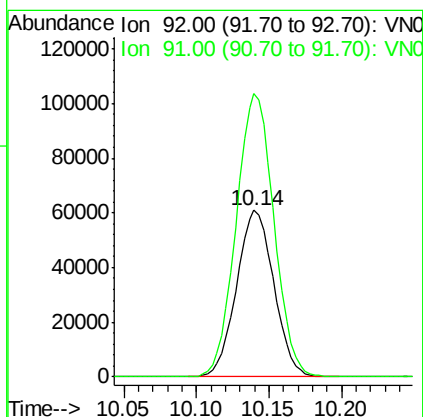
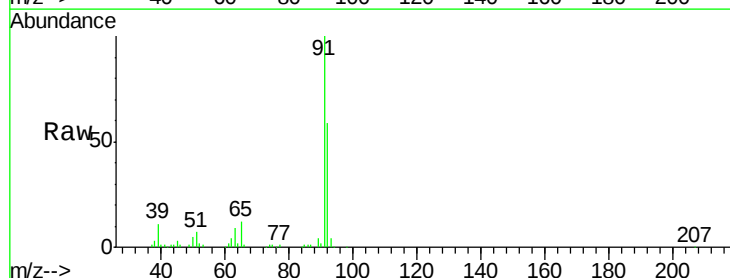
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

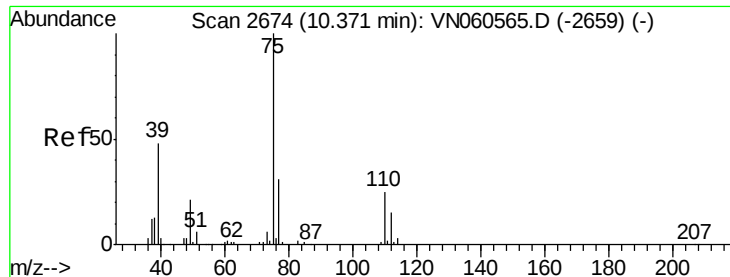
Tgt Ion: 43 Resp: 300079
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 18.700 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 92 Resp: 109212
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.177 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

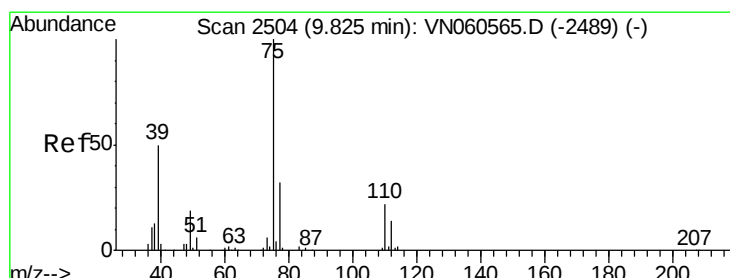
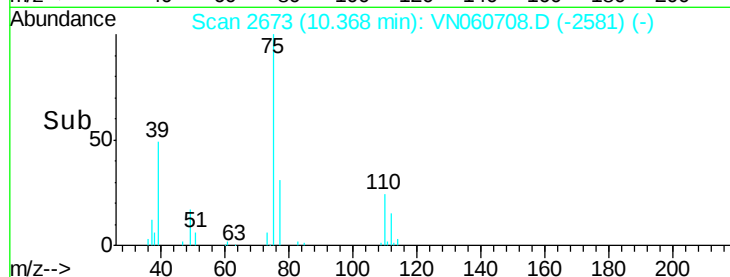
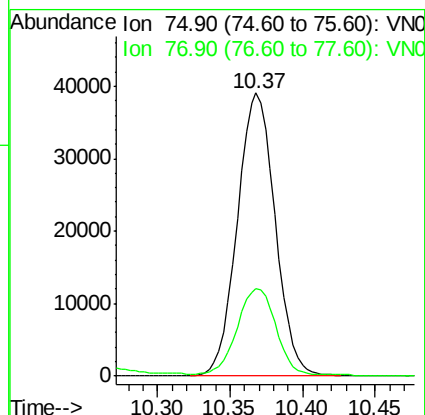
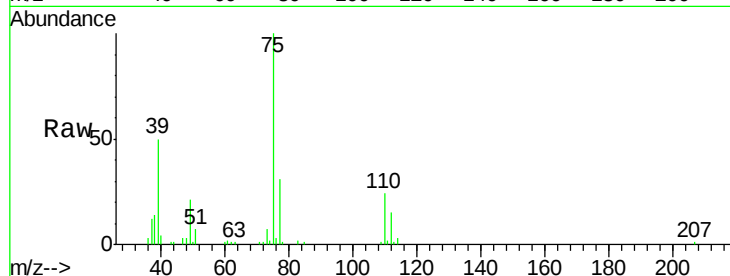
VN0326WBS01

Tgt Ion: 75 Resp: 70617

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.032 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

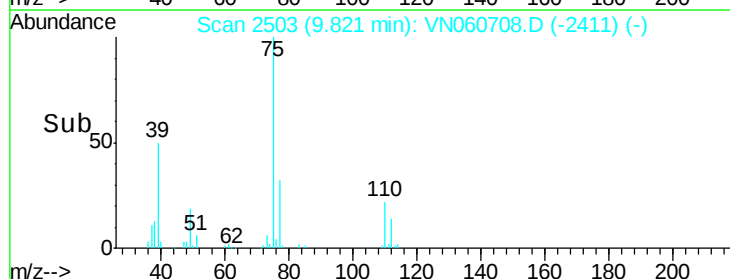
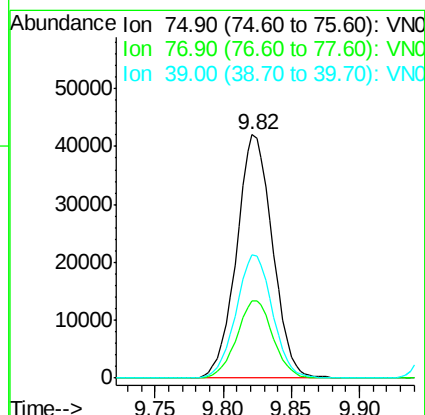
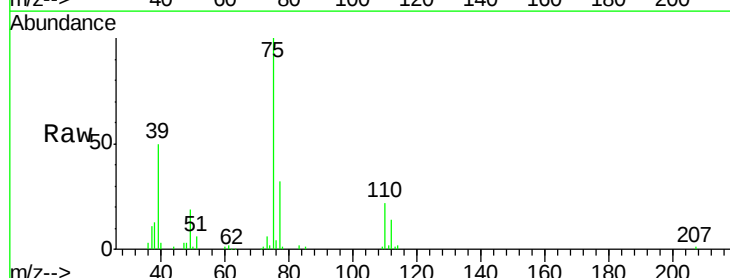
Tgt Ion: 75 Resp: 76883

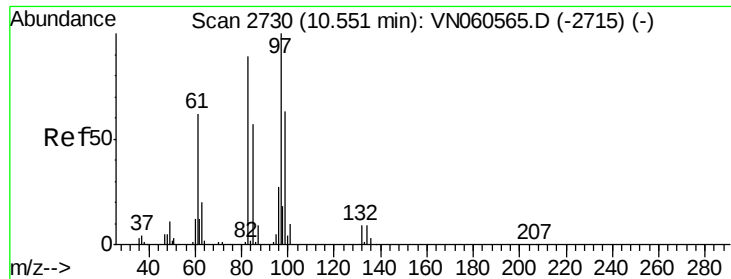
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 50.4 40.2 60.4

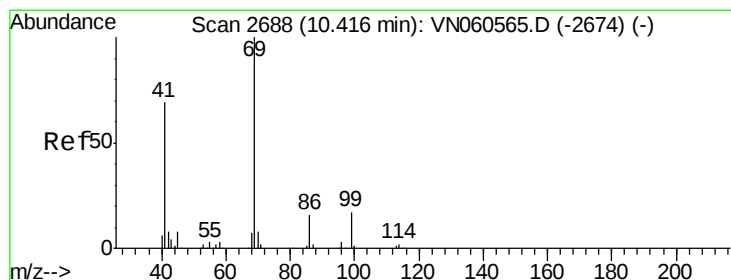
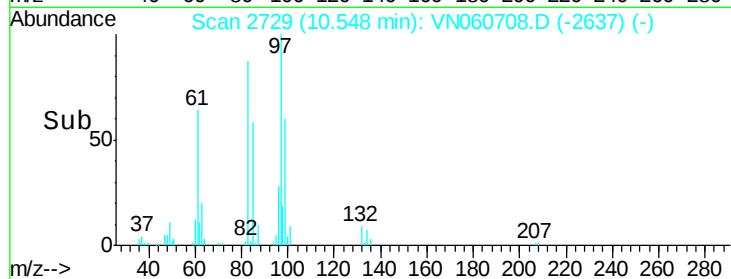
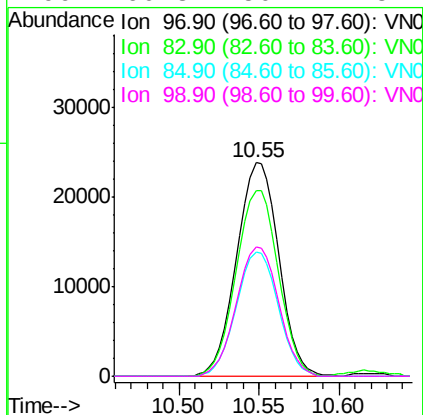
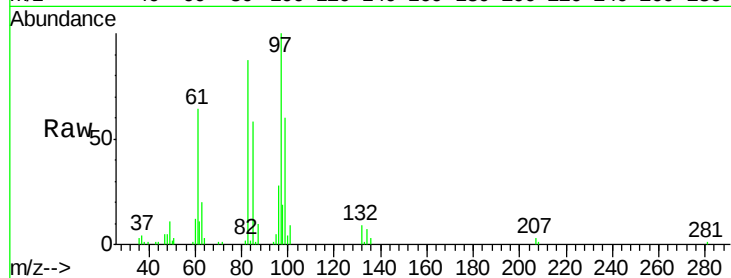




#55
 1,1,2-Trichloroethane
 Concen: 19.165 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

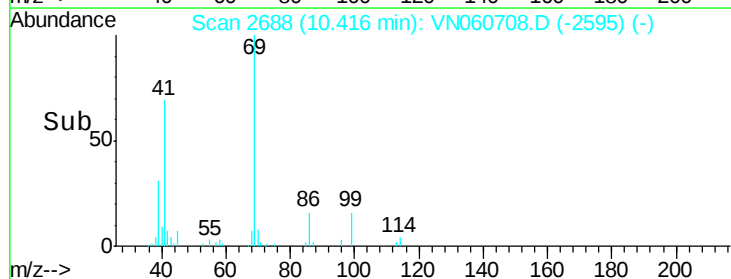
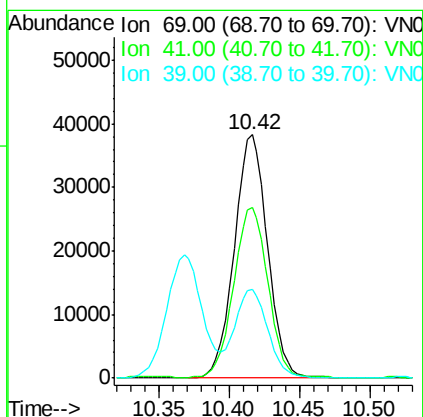
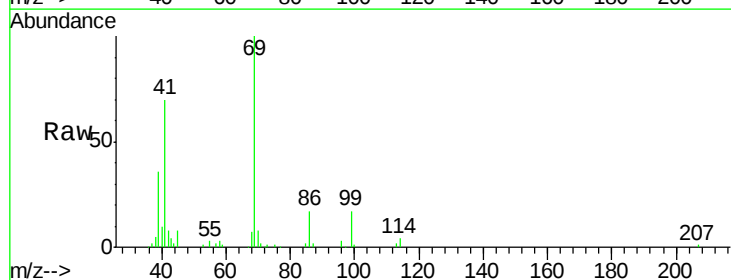
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

Tgt Ion:	97	Resp:	43060
Ion	Ratio	Lower	Upper
97	100		
83	87.1	71.3	106.9
85	58.3	45.2	67.8
99	60.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.020 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion:	69	Resp:	63131
Ion	Ratio	Lower	Upper
69	100		
41	72.9	55.4	83.2
39	36.6	29.4	44.0





#57

1,3-Dichloropropane

Concen: 18.732 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

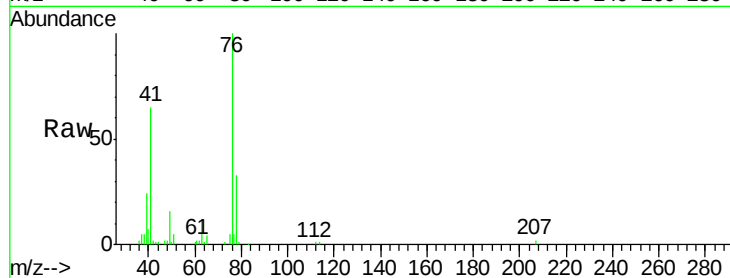
VN0326WBS01

Tgt Ion: 76 Resp: 73035

Ion Ratio Lower Upper

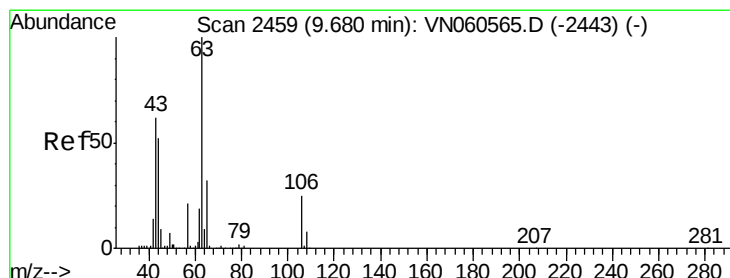
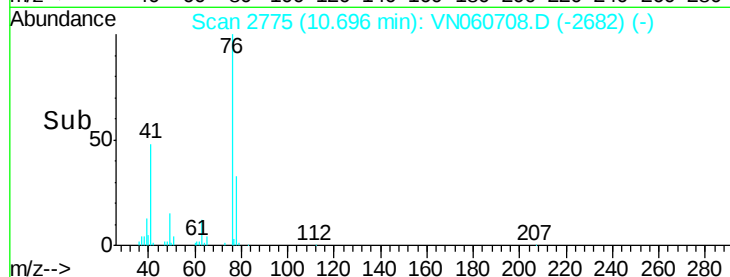
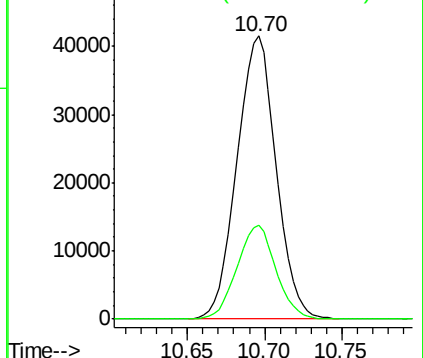
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 89.038 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060708.D

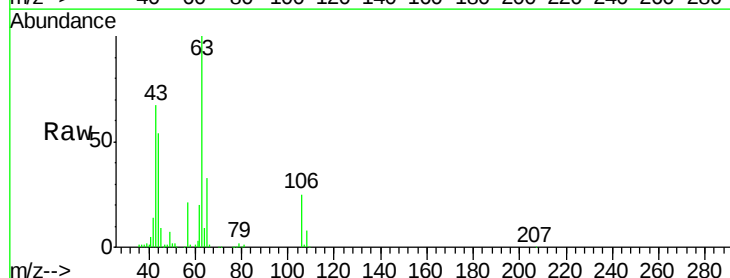
Acq: 26 Mar 2020 12:35

Tgt Ion: 63 Resp: 155034

Ion Ratio Lower Upper

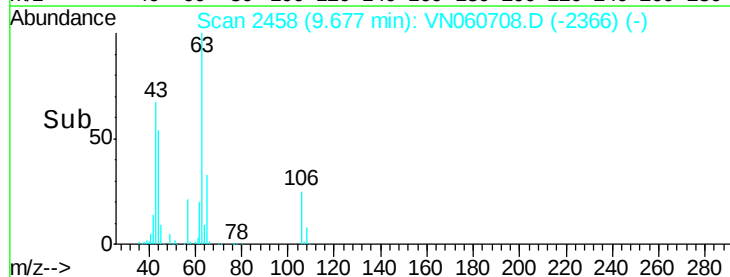
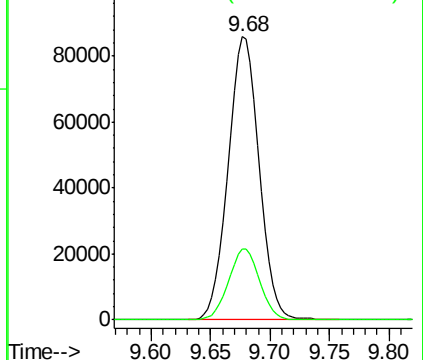
63 100

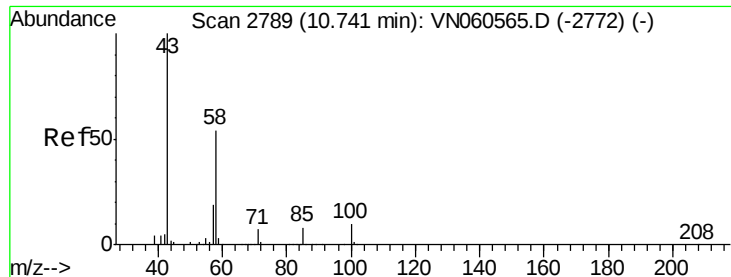
106 25.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

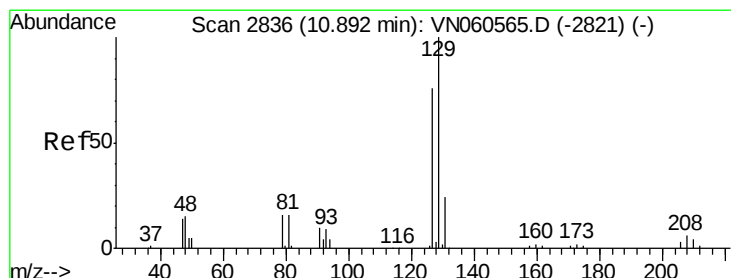
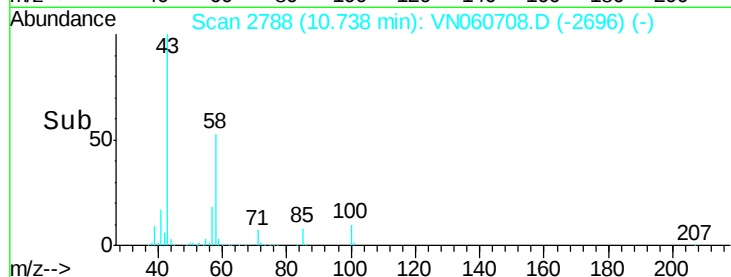
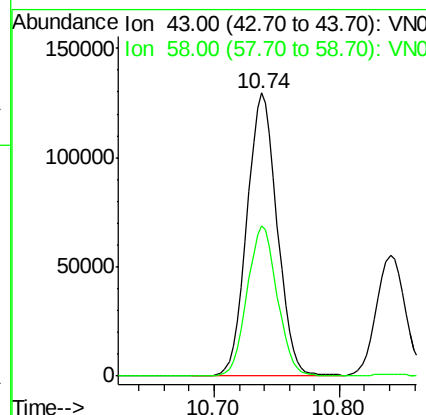
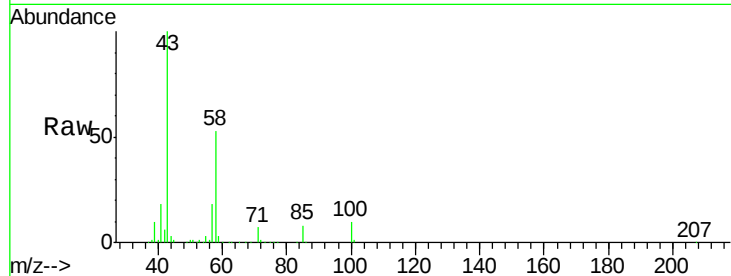




#59
2-Hexanone
Concen: 92.889 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

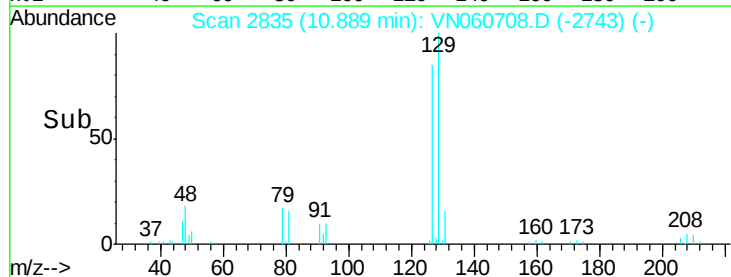
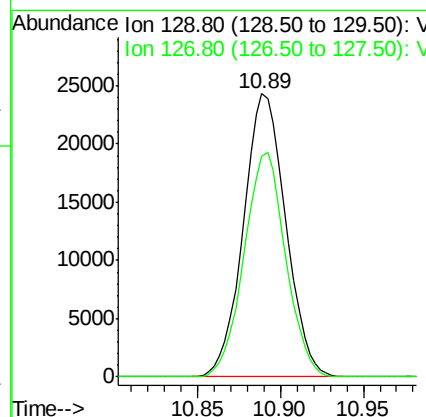
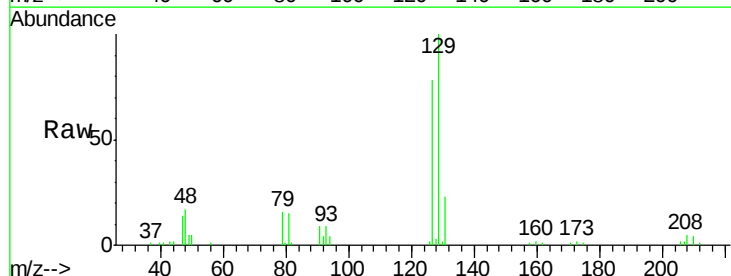
Instrument :
MSVOA_N
ClientSampled :
VN0326WBS01

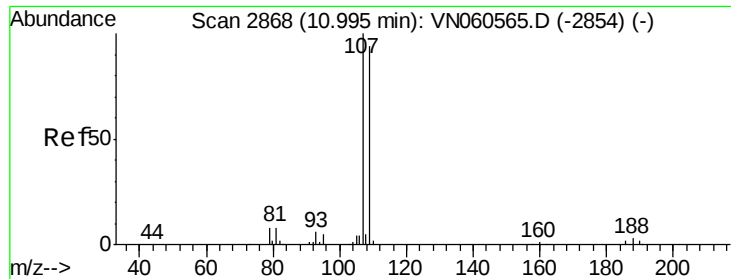
Tgt Ion: 43 Resp: 217362
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 18.633 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion: 129 Resp: 43246
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

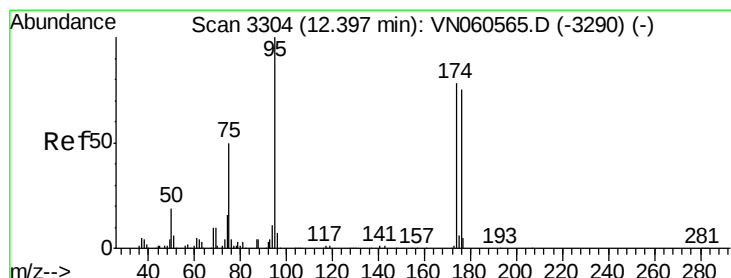
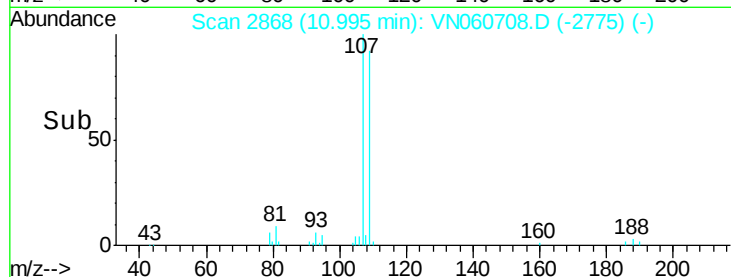
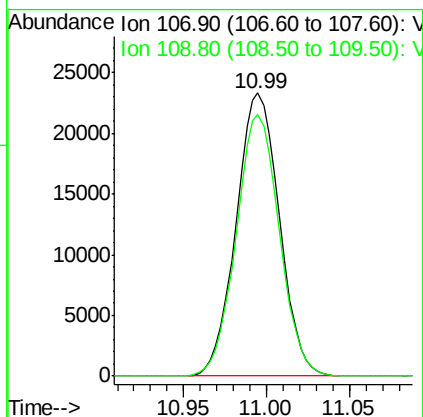
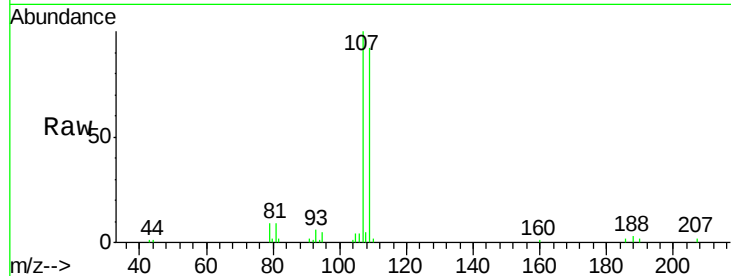




#61
 1,2-Dibromoethane
 Concen: 18.708 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

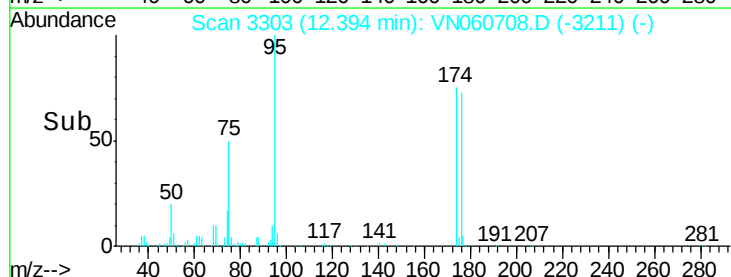
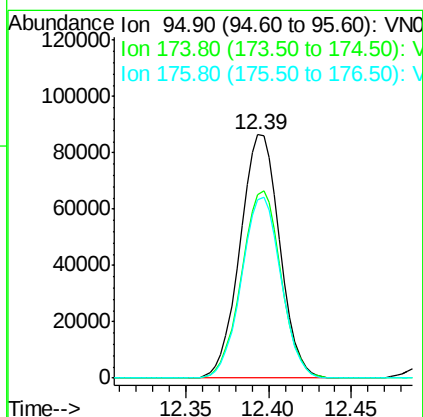
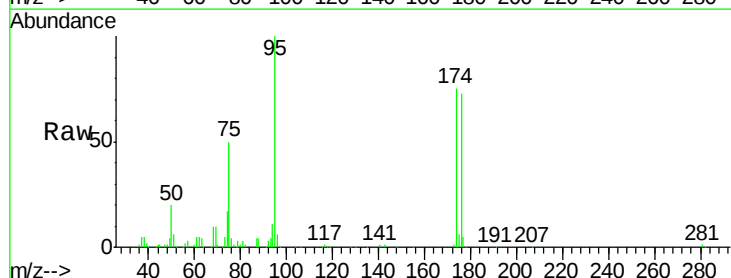
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

Tgt Ion: 107 Resp: 42268
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.066 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 95 Resp: 143937
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 157.6
 176 74.1 0.0 150.6

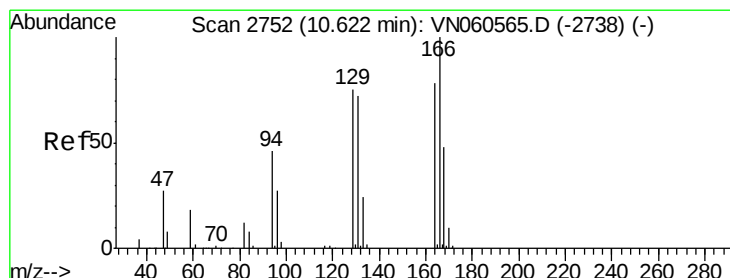
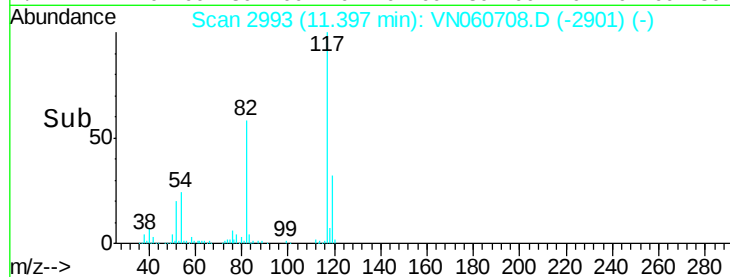
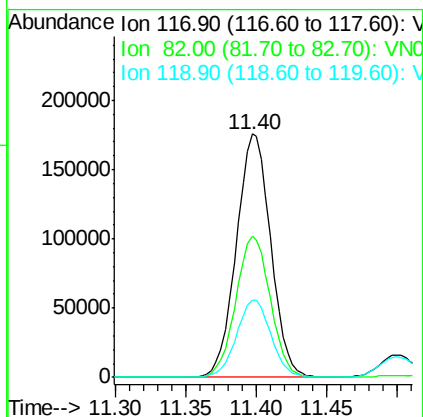
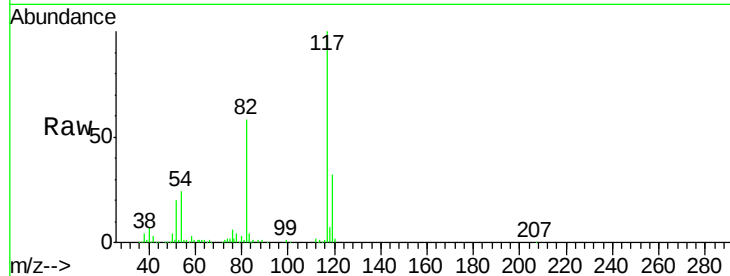




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

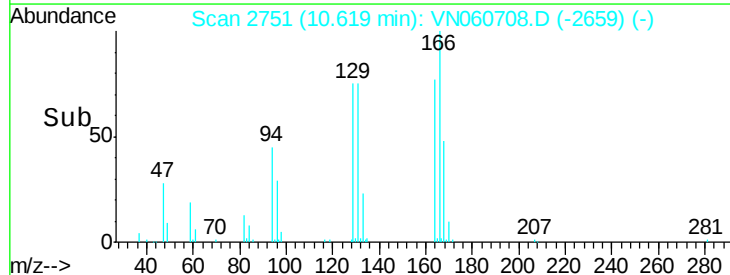
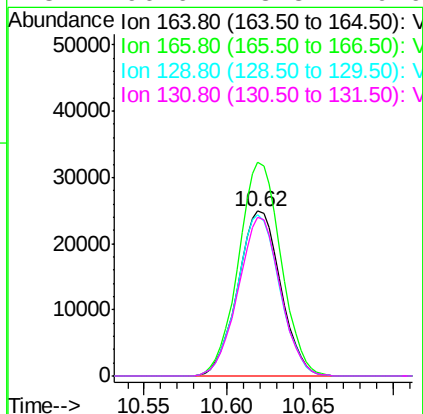
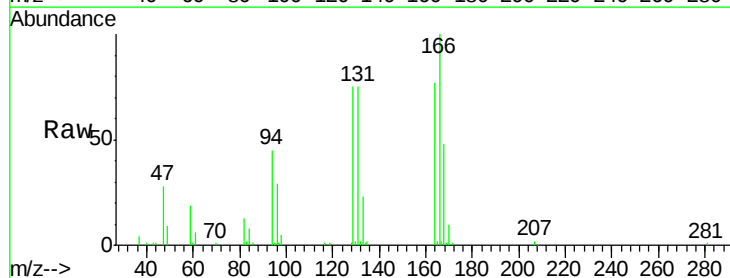
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

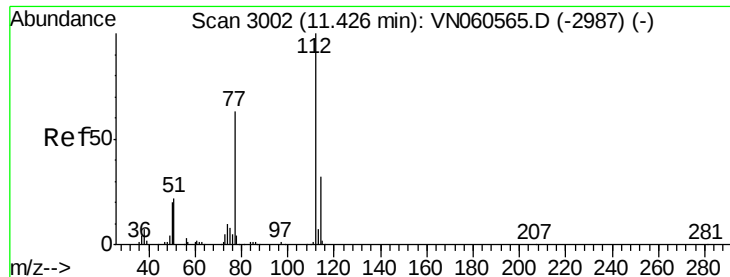
Tgt Ion:117 Resp: 300316
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 18.886 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion:164 Resp: 44633
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 97.5 77.2 115.8
131 96.6 73.8 110.6

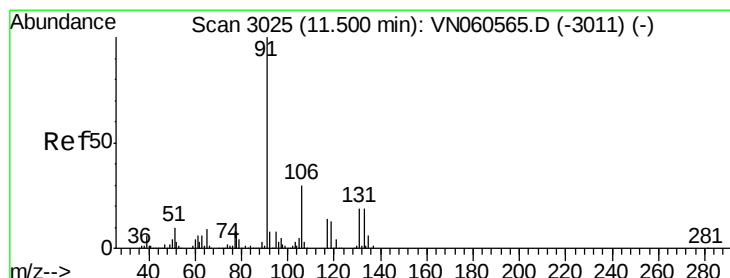
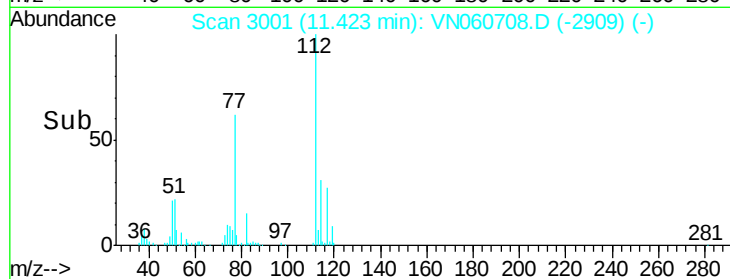
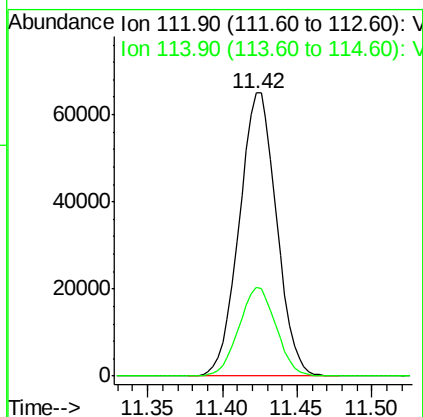
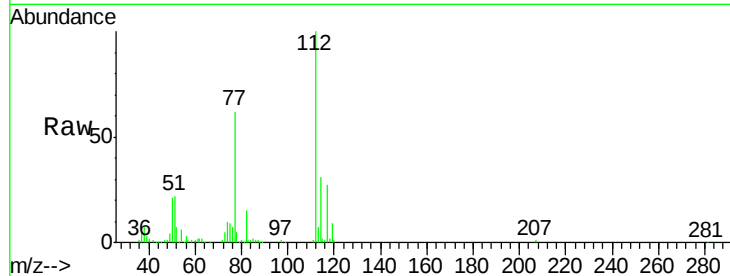




#65
Chlorobenzene
Concen: 18.933 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

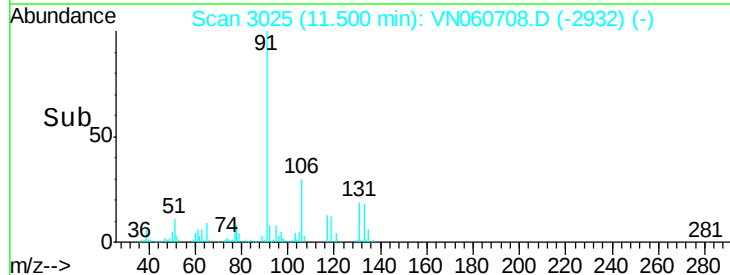
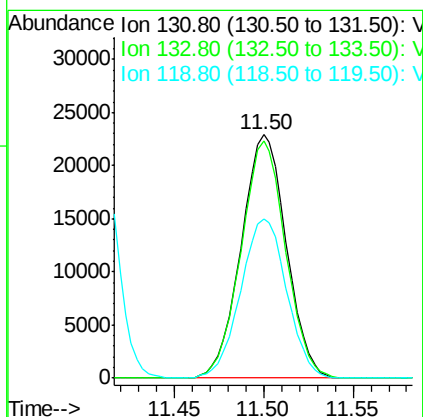
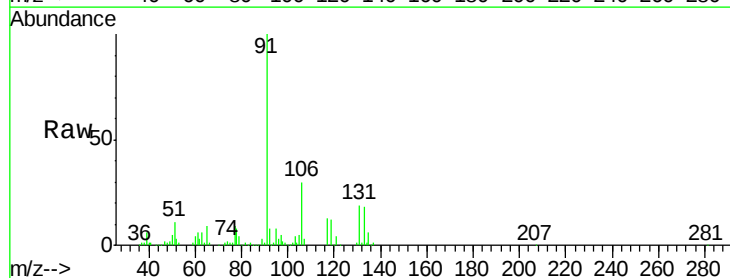
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

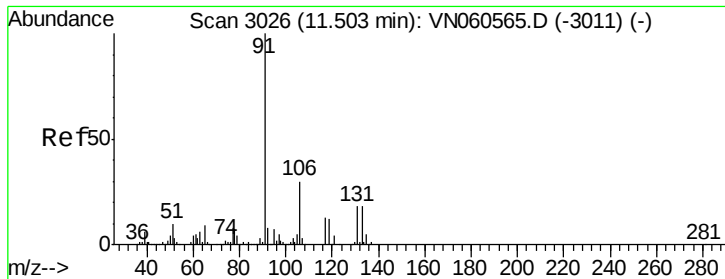
Tgt Ion:112 Resp: 112715
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.752 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion:131 Resp: 40420
Ion Ratio Lower Upper
131 100
133 96.3 48.9 146.8
119 66.7 33.9 101.7





#67

Ethyl Benzene

Concen: 18.775 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

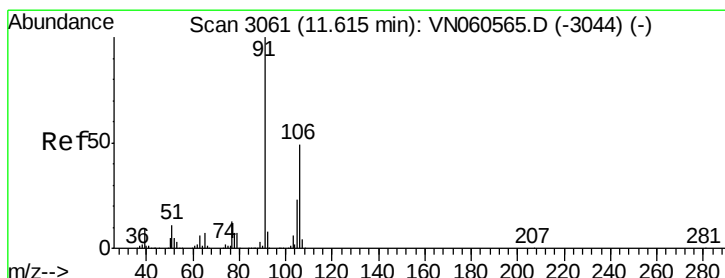
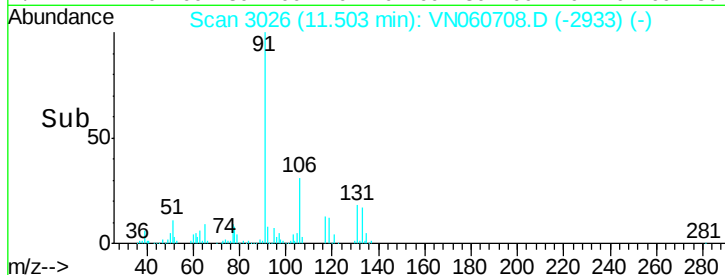
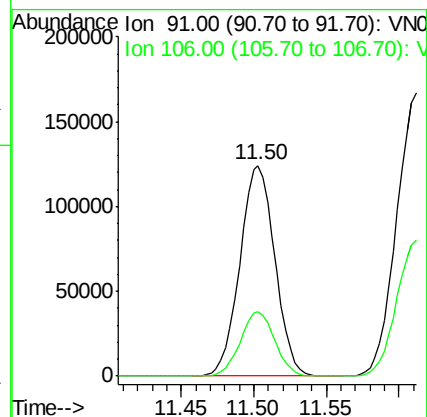
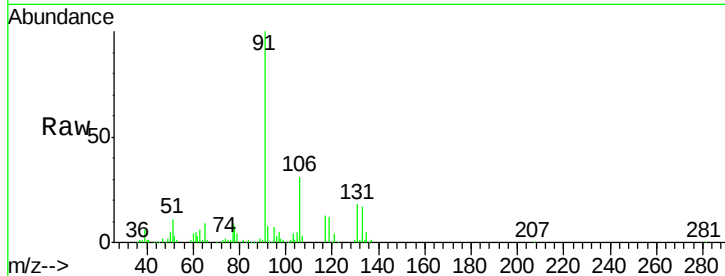
VN0326WBS01

Tgt Ion: 91 Resp: 207868

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#68

m/p-Xylenes

Concen: 37.518 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060708.D

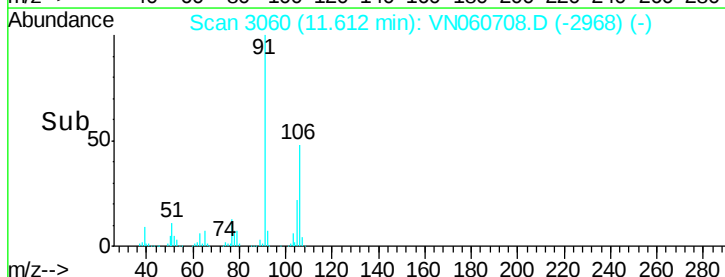
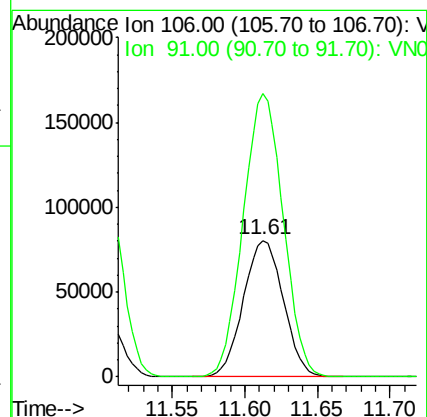
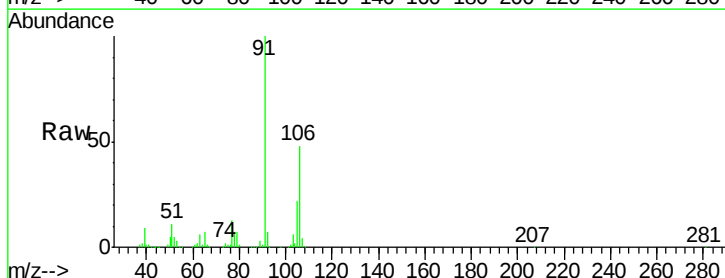
Acq: 26 Mar 2020 12:35

Tgt Ion: 106 Resp: 154354

Ion Ratio Lower Upper

106 100

91 207.7 165.0 247.4





#69

o-Xylene

Concen: 18.969 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

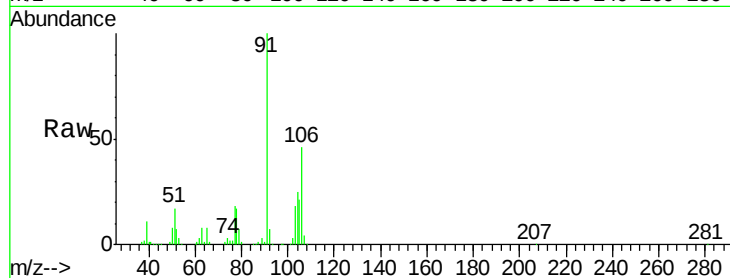
VN0326WBS01

Tgt Ion:106 Resp: 74502

Ion Ratio Lower Upper

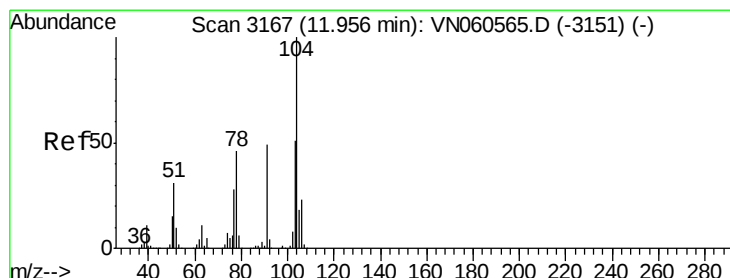
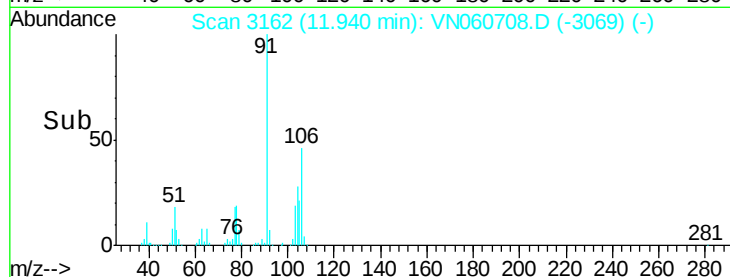
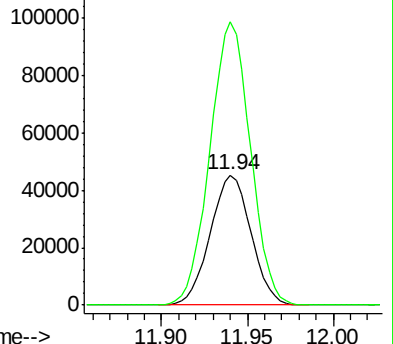
106 100

91 216.2 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 17.991 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

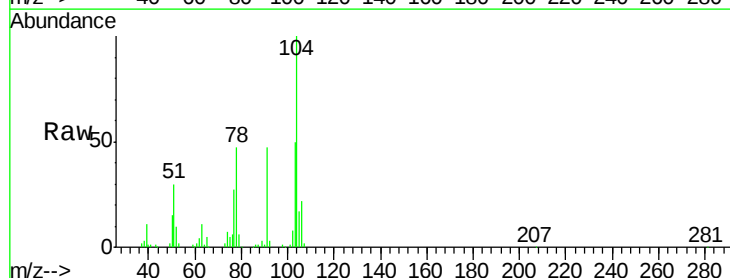
Tgt Ion:104 Resp: 115564

Ion Ratio Lower Upper

104 100

78 52.0 41.2 61.8

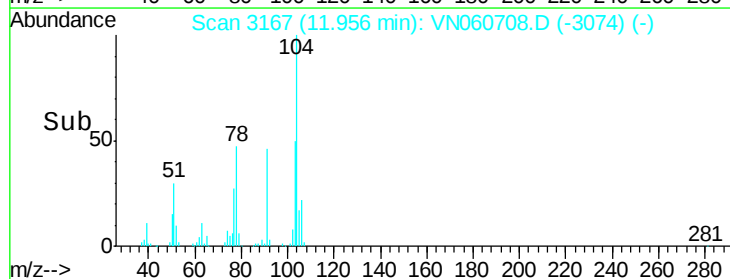
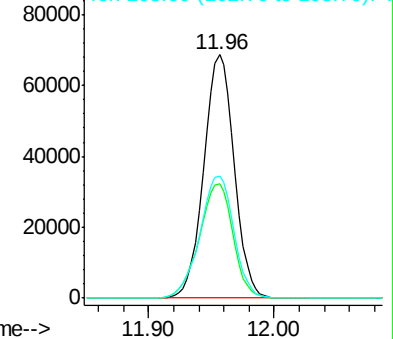
103 55.8 44.0 66.0

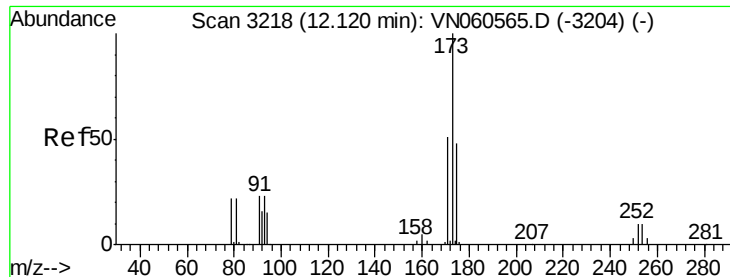


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

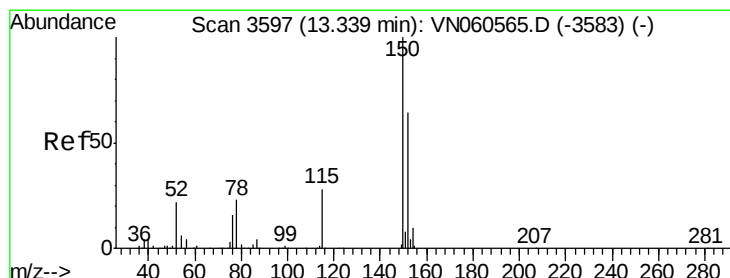
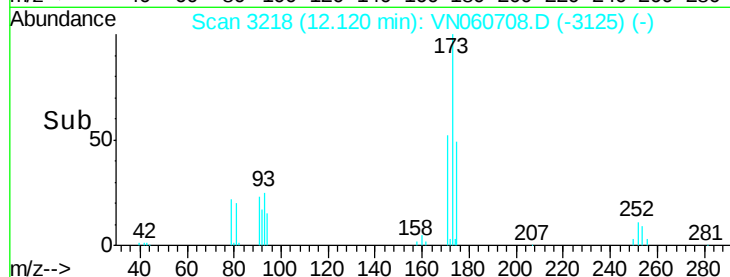
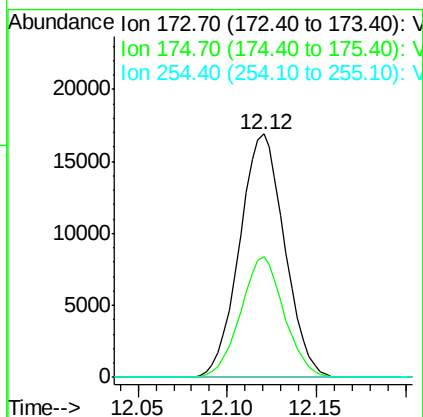
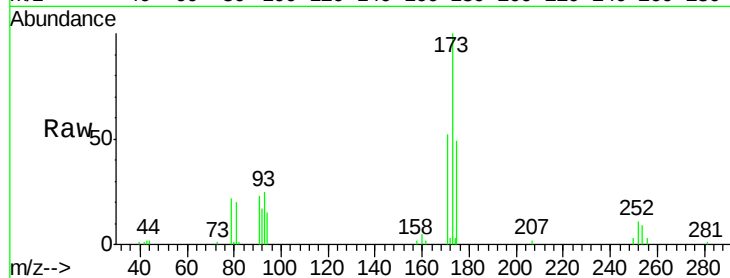




#71
Bromoform
Concen: 17.746 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

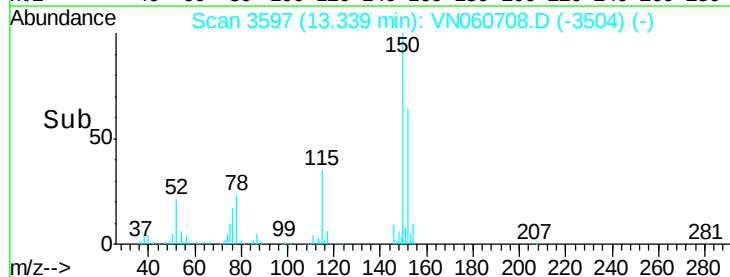
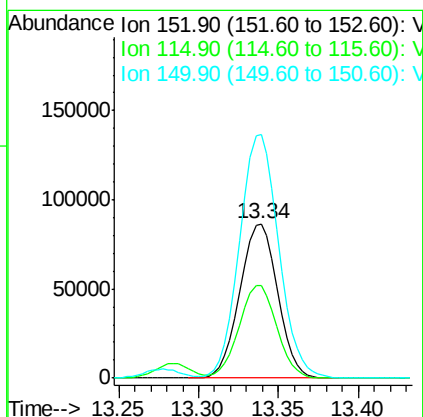
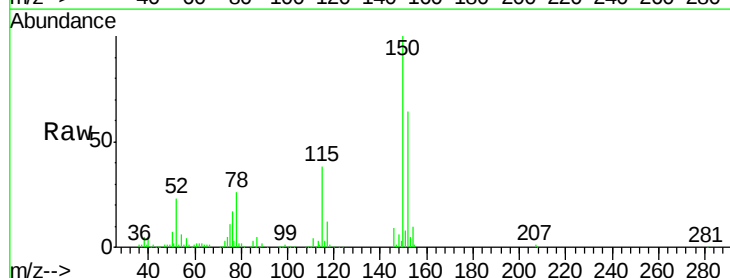
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBS01

Tgt Ion:173 Resp: 29784
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion:152 Resp: 139593
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 163.5 0.0 350.2





#73

Isopropylbenzene

Concen: 19.000 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

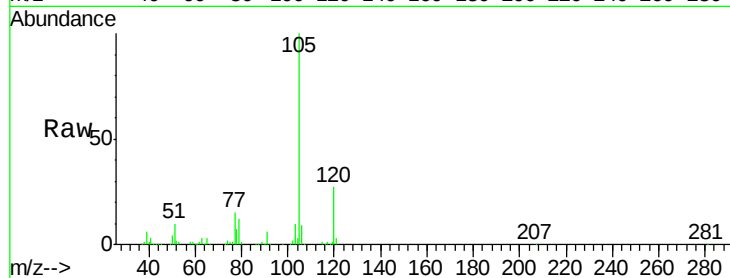
VN0326WBS01

Tgt Ion: 105 Resp: 199037

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

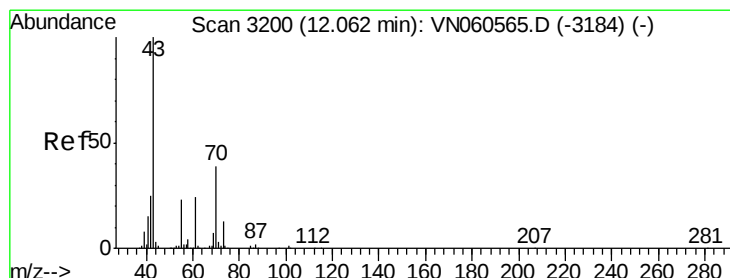
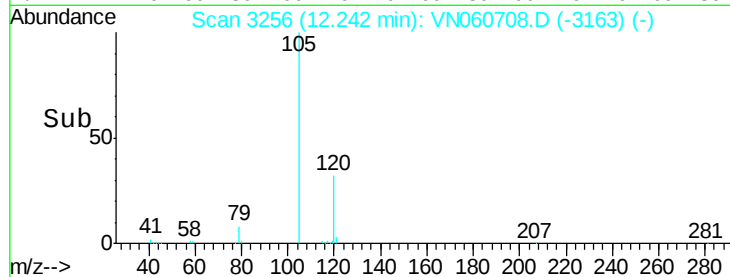
100000

50000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.996 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Tgt Ion: 43 Resp: 87116

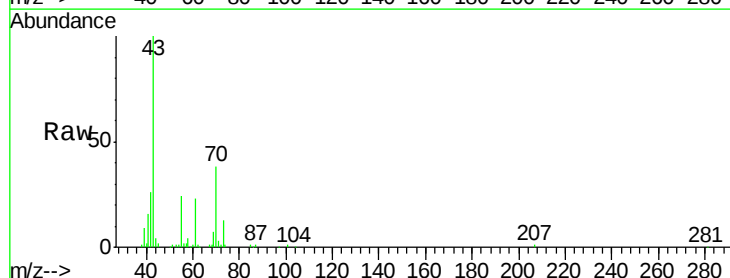
Ion Ratio Lower Upper

43 100

70 38.6 31.1 46.7

55 23.7 18.6 27.8

61 23.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

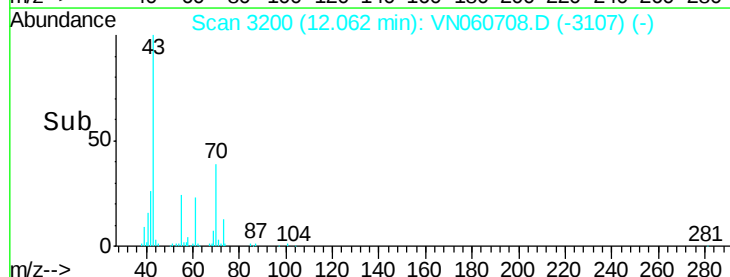
40000

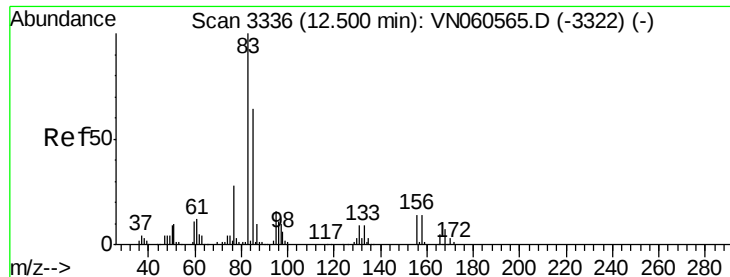
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 18.428 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

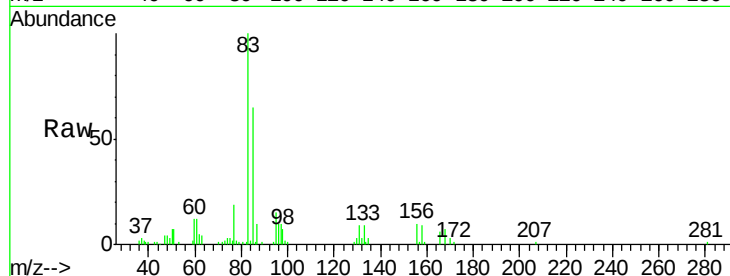
Tgt Ion: 83 Resp: 58380

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

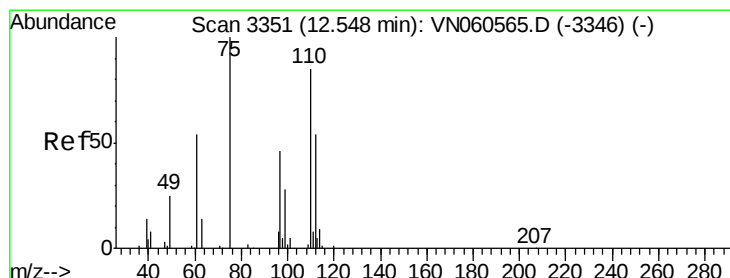
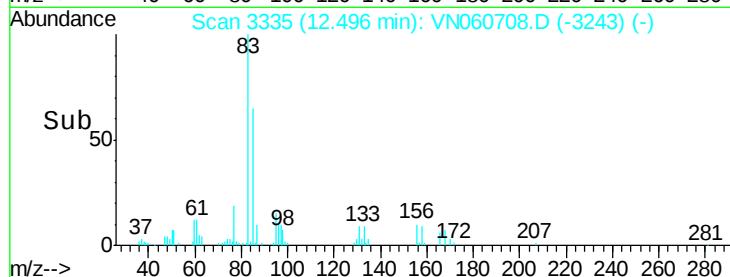
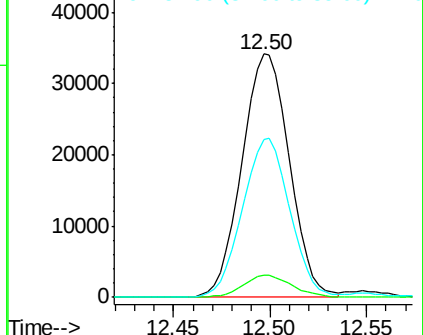
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060708.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060708.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060708.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 26.415 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060708.D

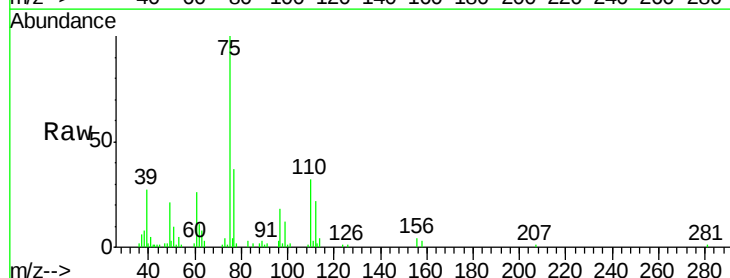
Acq: 26 Mar 2020 12:35

Tgt Ion: 75 Resp: 79564

Ion Ratio Lower Upper

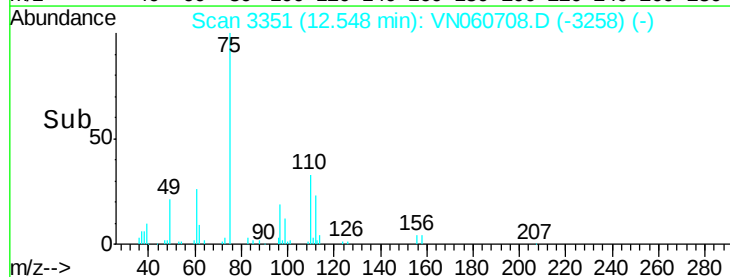
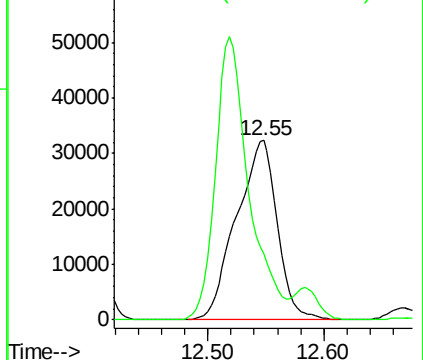
75 100

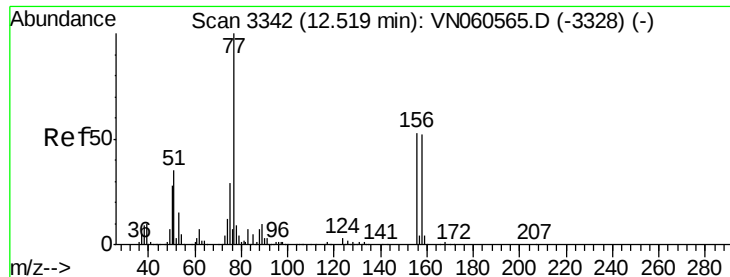
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060708.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060708.D (-3258) (-)





#77

Bromobenzene

Concen: 18.481 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

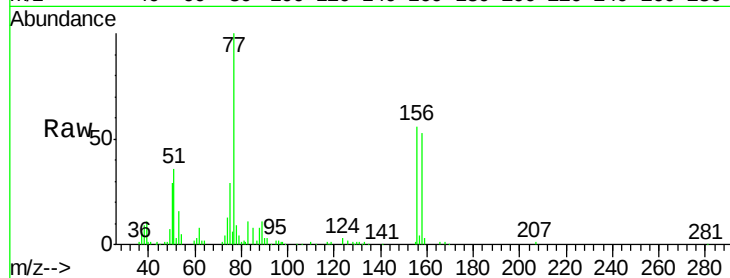
Tgt Ion:156 Resp: 46653

Ion Ratio Lower Upper

156 100

77 218.6 112.3 337.0

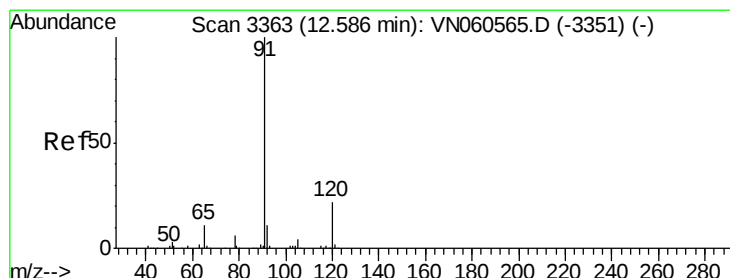
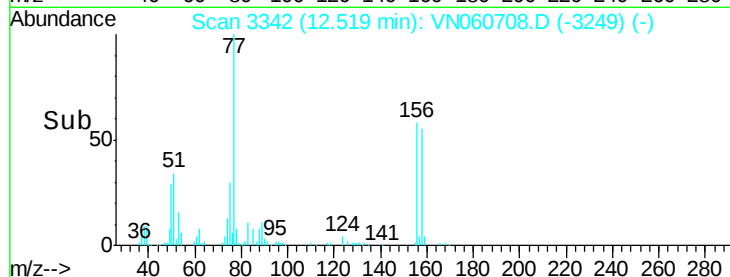
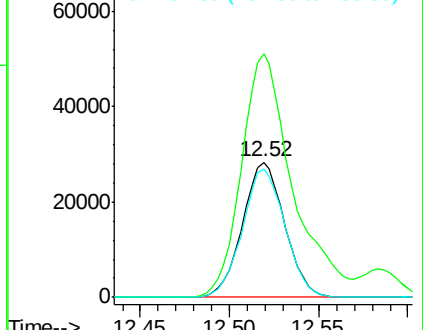
158 96.3 48.6 145.8



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: 18.705 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060708.D

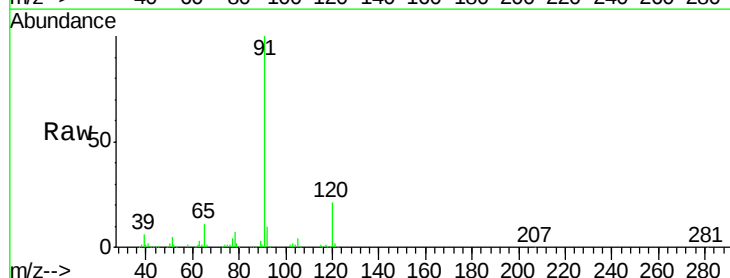
Acq: 26 Mar 2020 12:35

Tgt Ion: 91 Resp: 231503

Ion Ratio Lower Upper

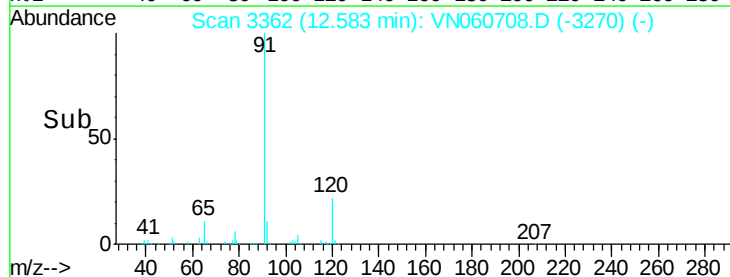
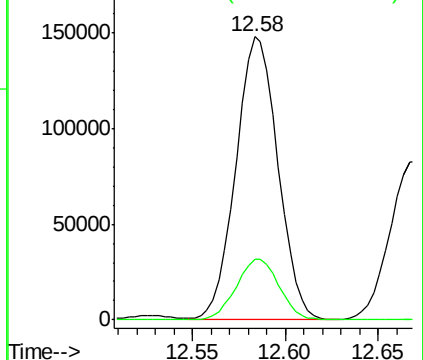
91 100

120 22.0 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: 18.460 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

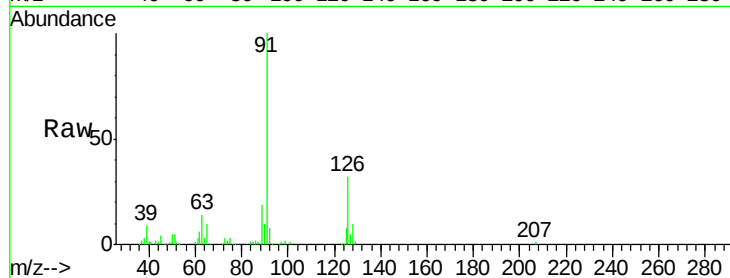
VN0326WBS01

Tgt Ion: 91 Resp: 136509

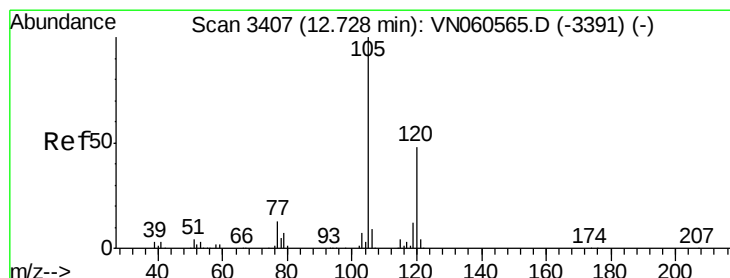
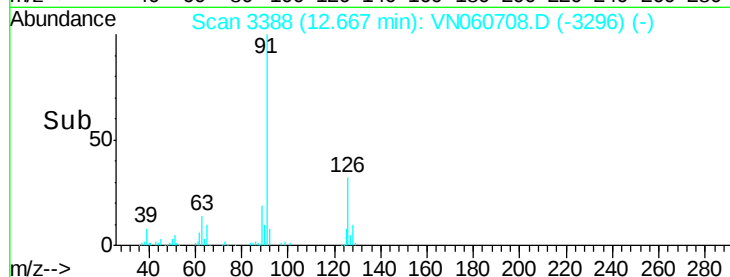
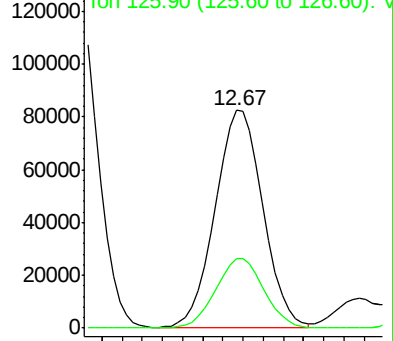
Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060708.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.715 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060708.D

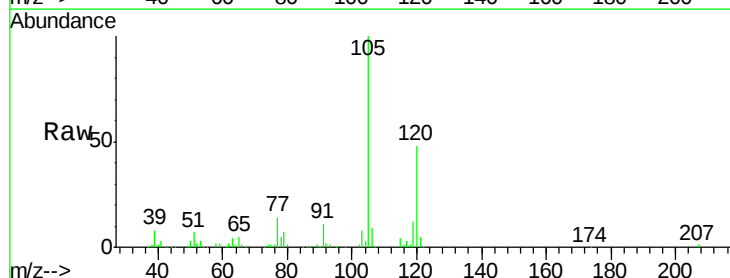
Acq: 26 Mar 2020 12:35

Tgt Ion: 105 Resp: 166375

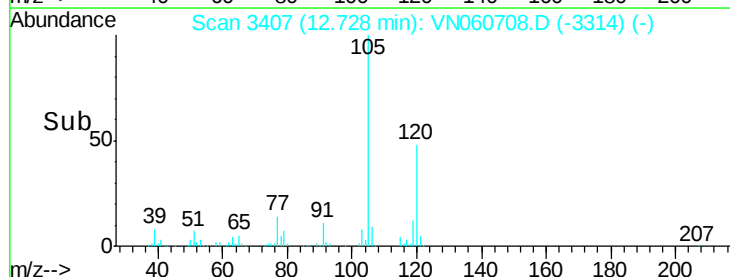
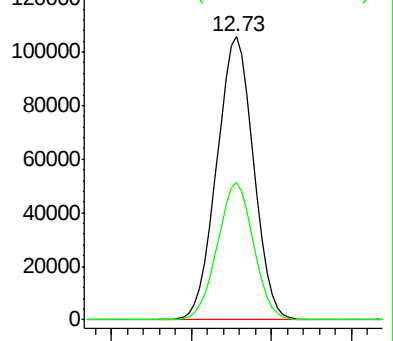
Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060708.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.104 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

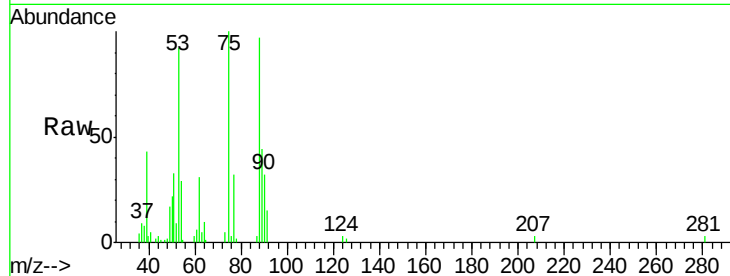
Tgt Ion: 75 Resp: 21233

Ion Ratio Lower Upper

75 100

53 93.4 73.0 109.4

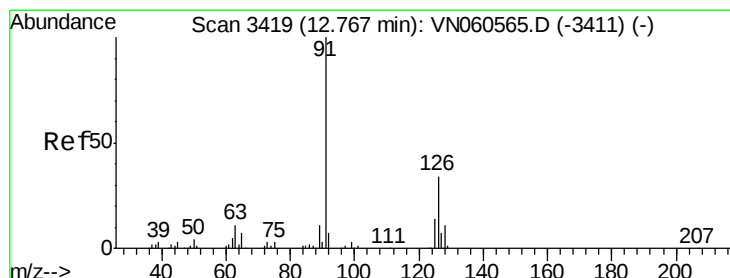
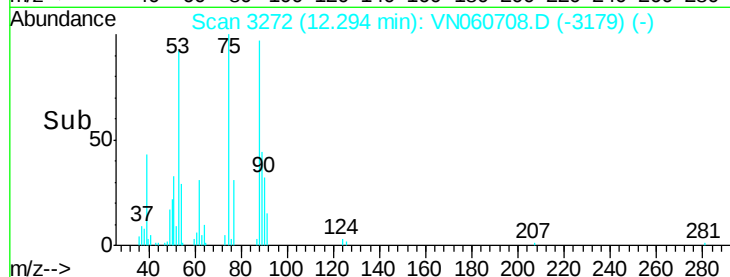
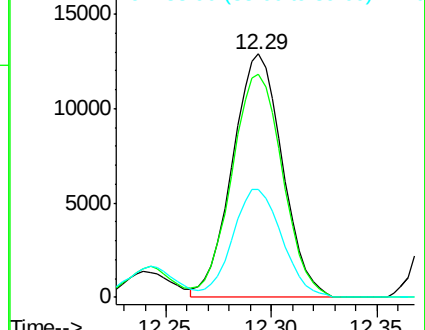
89 43.9 34.8 52.2



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: 18.636 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060708.D

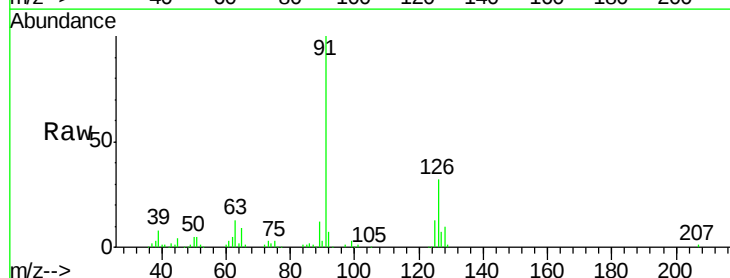
Acq: 26 Mar 2020 12:35

Tgt Ion: 91 Resp: 140358

Ion Ratio Lower Upper

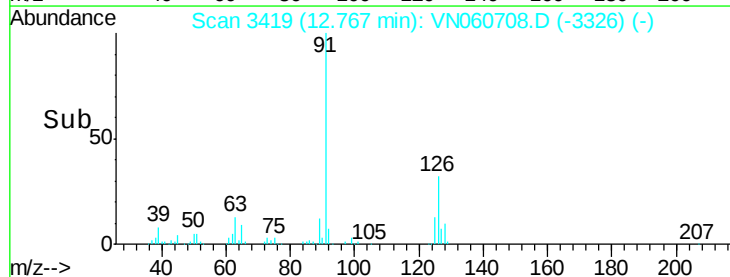
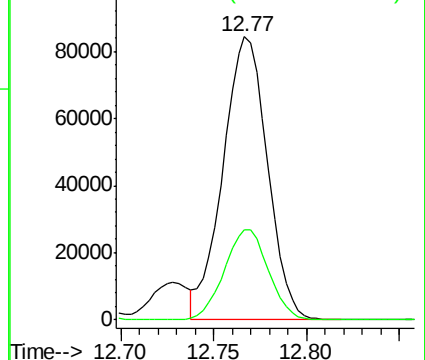
91 100

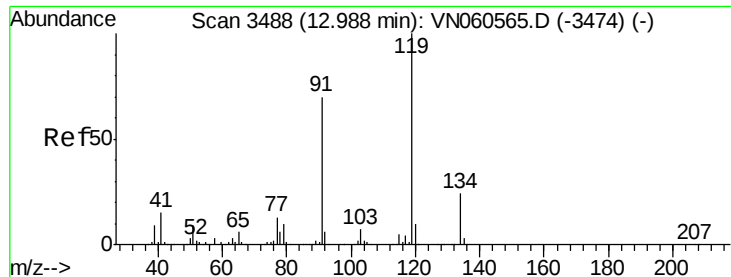
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

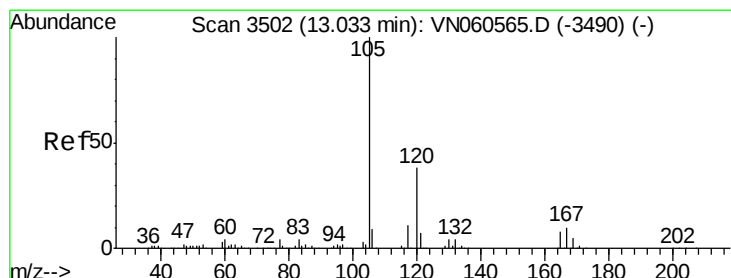
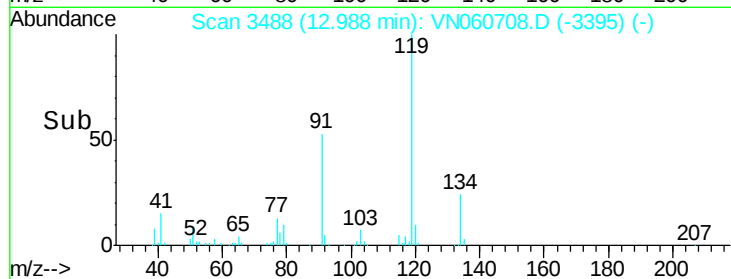
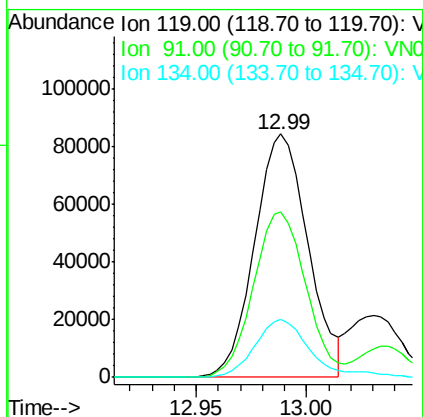
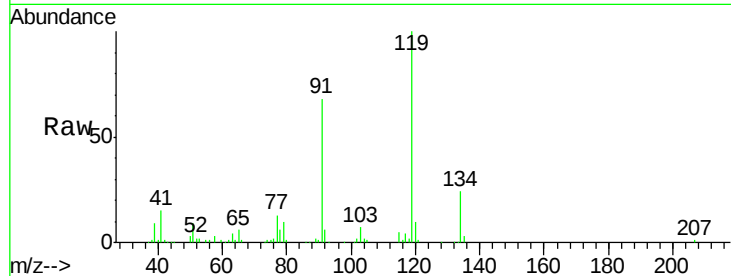




#83
 tert-Butylbenzene
 Concen: 19.204 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

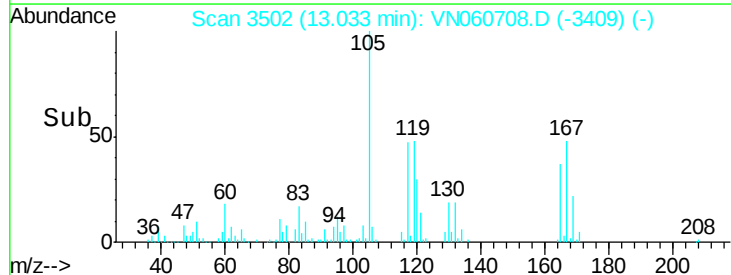
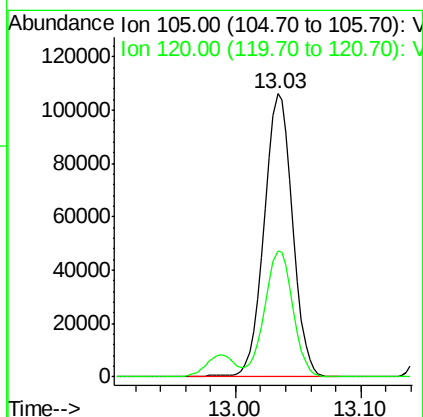
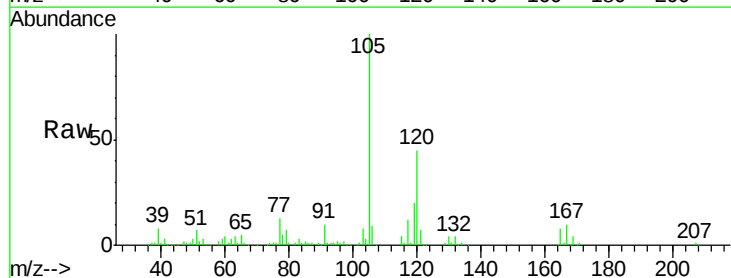
Instrument :
 MSVOA_N
 ClientSampled :
 VN0326WBS01

Tgt Ion:119 Resp: 141524
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.0 101.8
 134 24.6 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.989 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion:105 Resp: 167007
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5

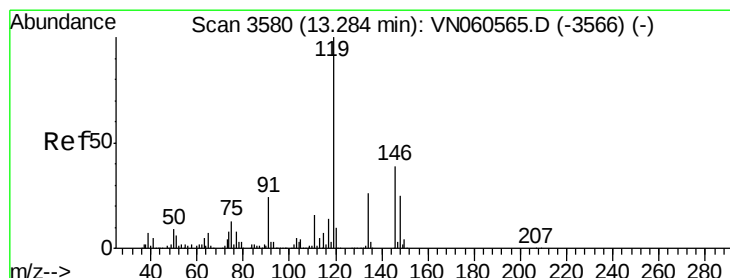
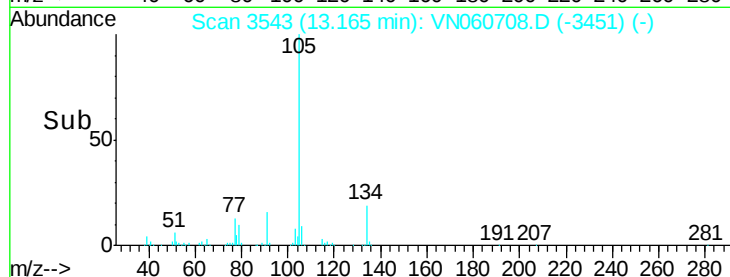
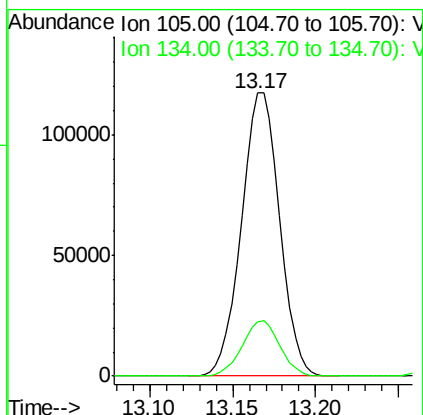
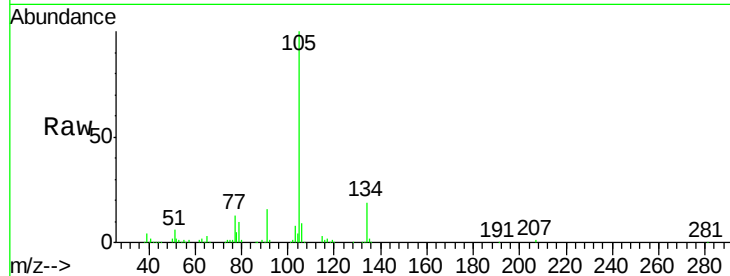




#85
 sec-Butylbenzene
 Concen: 18.930 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

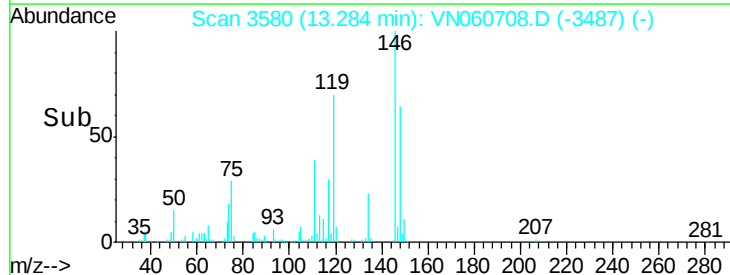
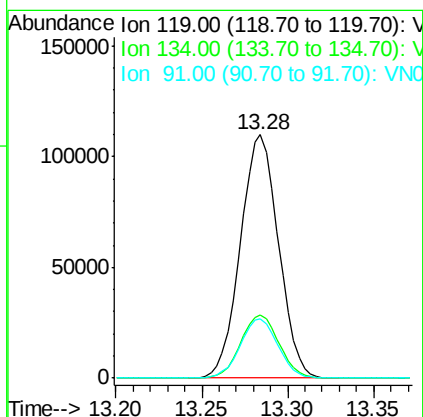
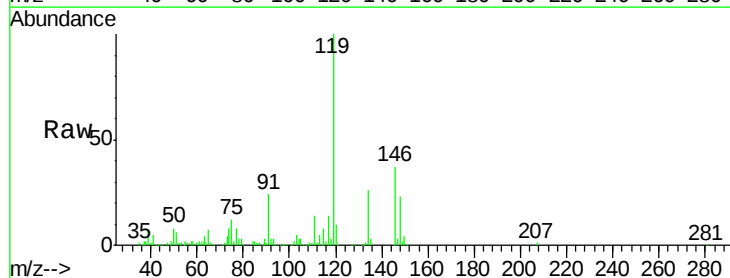
Instrument :
 MSVOA_N
 ClientSampled :
 VN0326WBS01

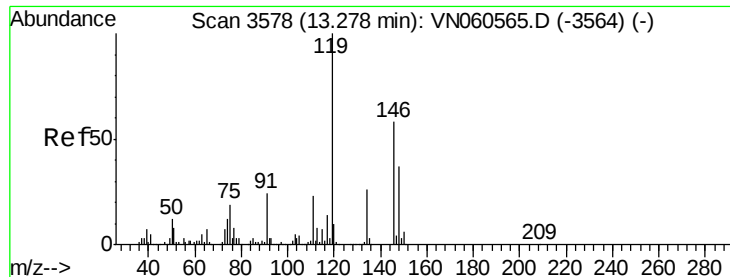
Tgt Ion:105 Resp: 187596
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.985 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion:119 Resp: 169185
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 18.530 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

VN0326WBS01

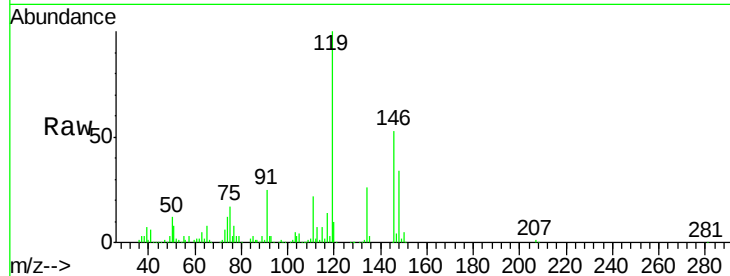
Tgt Ion:146 Resp: 82498

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

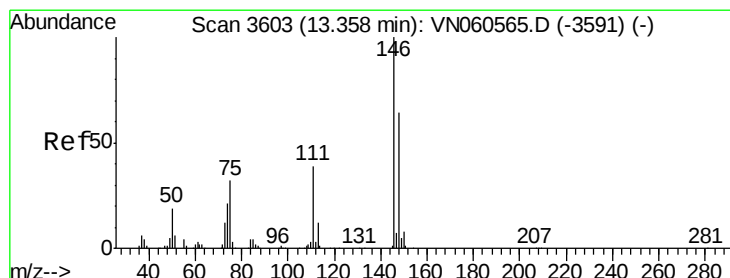
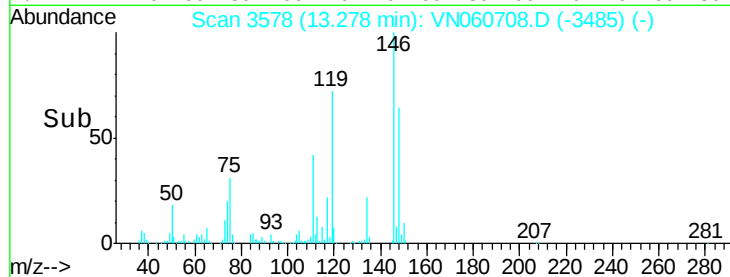
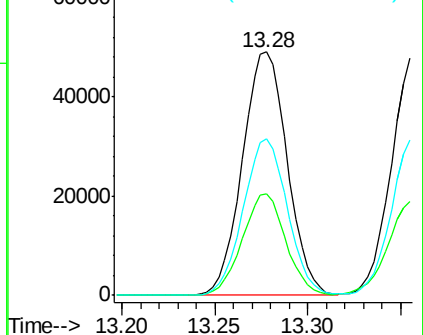
148 63.5 32.5 97.4



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



#88

1,4-Dichlorobenzene

Concen: 18.491 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

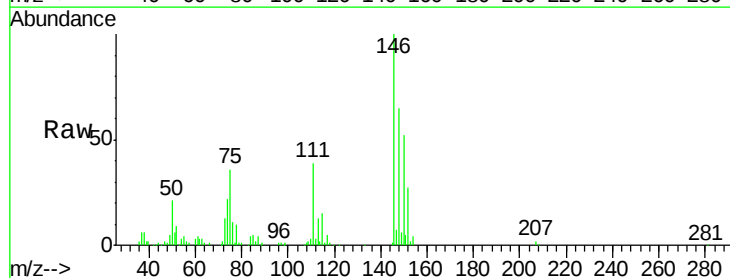
Tgt Ion:146 Resp: 82709

Ion Ratio Lower Upper

146 100

111 41.2 19.6 58.7

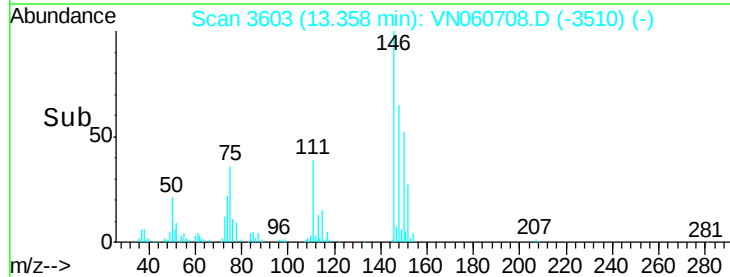
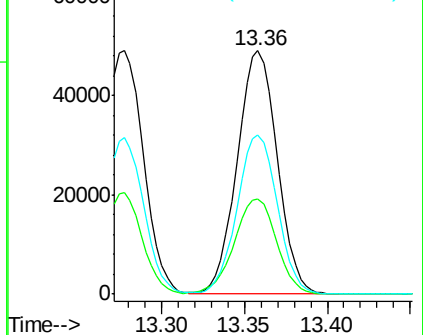
148 65.5 32.1 96.3

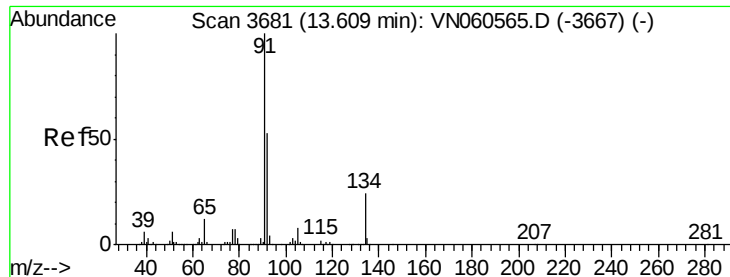


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

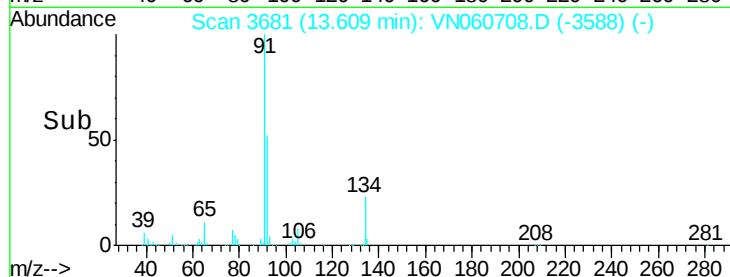
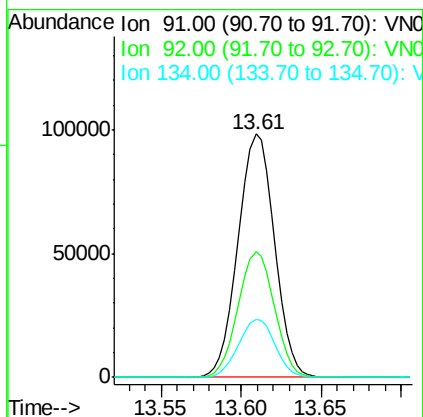
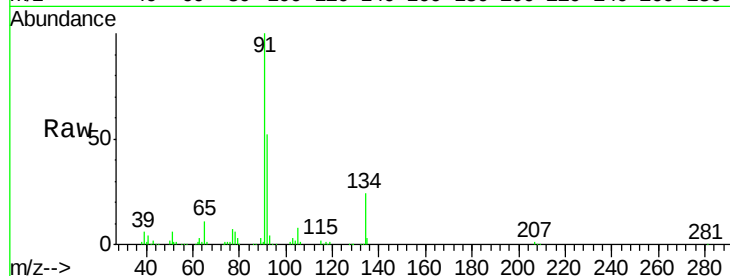




#89
n-Butylbenzene
Concen: 18.941 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

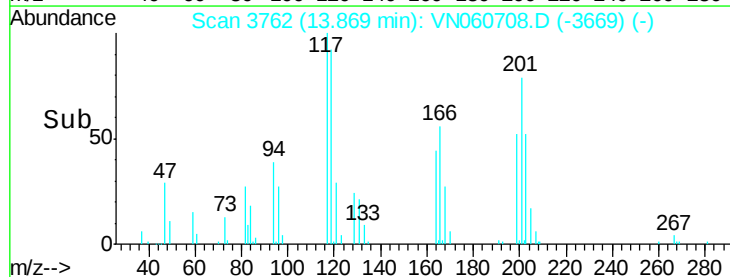
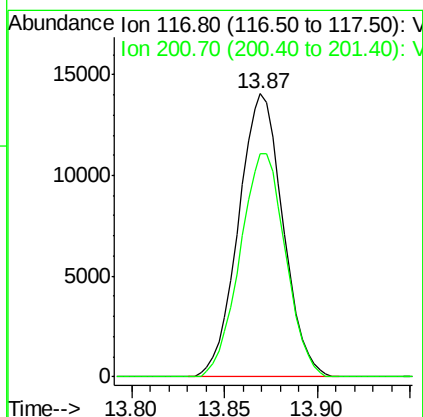
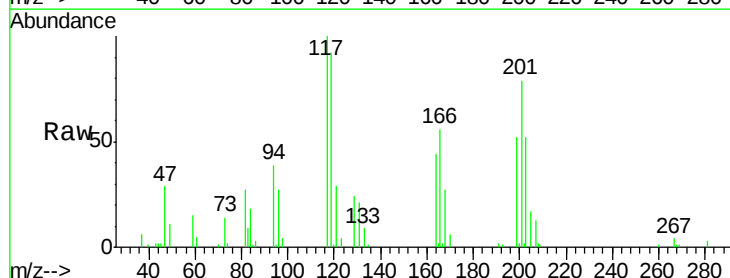
Instrument :
MSVOA_N
ClientSampled :
VN0326WBS01

Tgt Ion: 91 Resp: 152392
Ion Ratio Lower Upper
91 100
92 51.4 26.2 78.5
134 24.0 12.3 36.9



#90
Hexachloroethane
Concen: 18.063 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion: 117 Resp: 23398
Ion Ratio Lower Upper
117 100
201 80.5 40.8 122.5

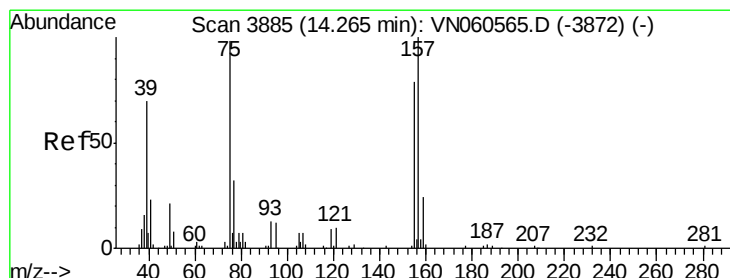
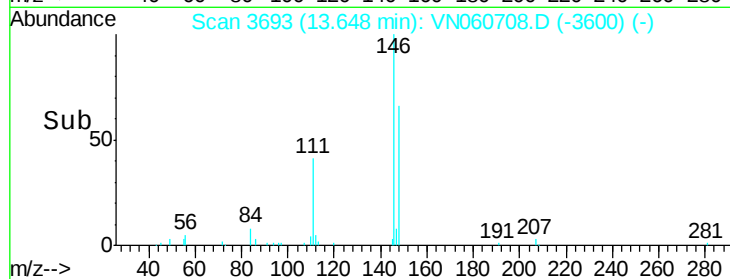
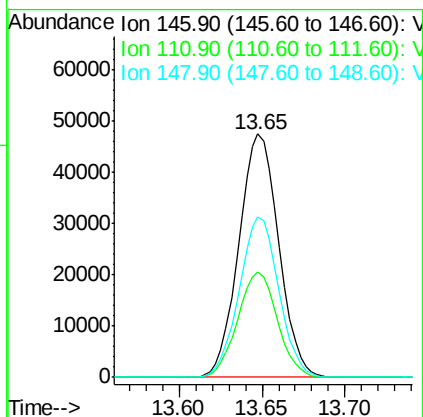
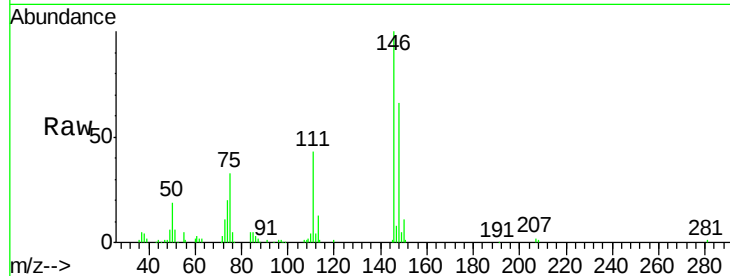




#91
 1,2-Dichlorobenzene
 Concen: 18.616 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

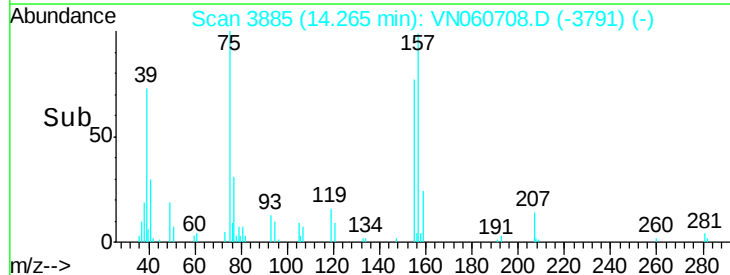
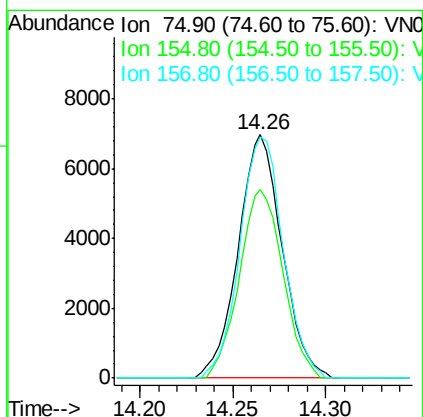
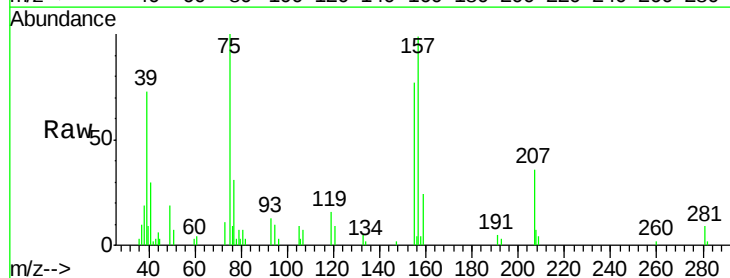
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

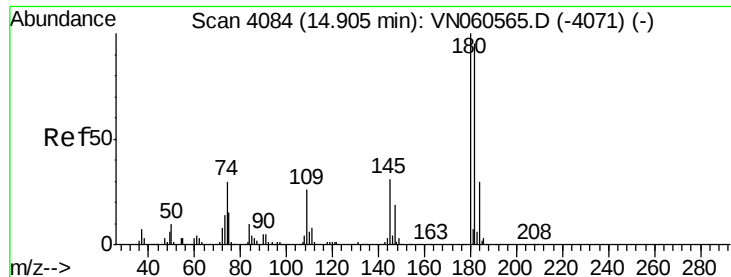
Tgt Ion: 146 Resp: 79252
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.0 63.0
 148 65.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.107 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060708.D
 Acq: 26 Mar 2020 12:35

Tgt Ion: 75 Resp: 11468
 Ion Ratio Lower Upper
 75 100
 155 76.5 40.7 122.1
 157 98.0 51.5 154.7





#93

1,2,4-Trichlorobenzene

Concen: 18.840 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBS01

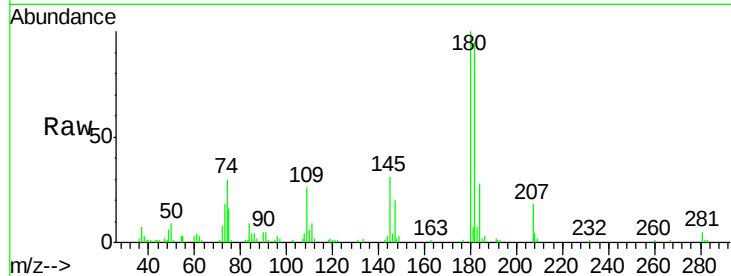
Tgt Ion:180 Resp: 49252

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.8

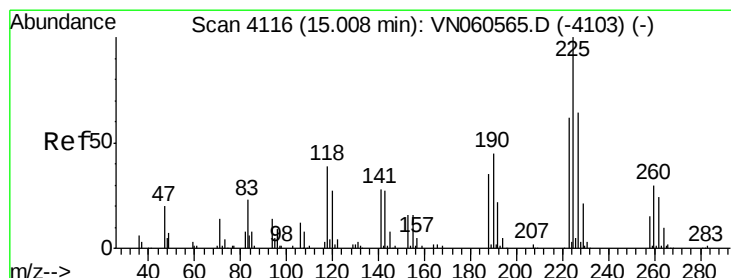
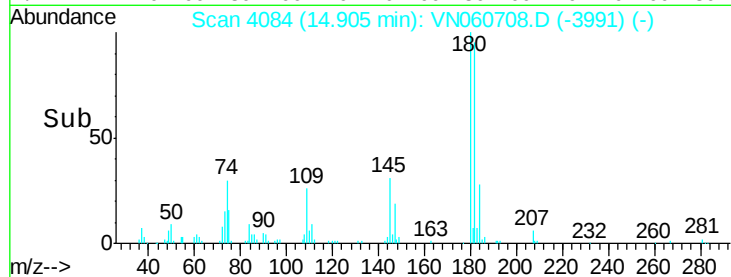
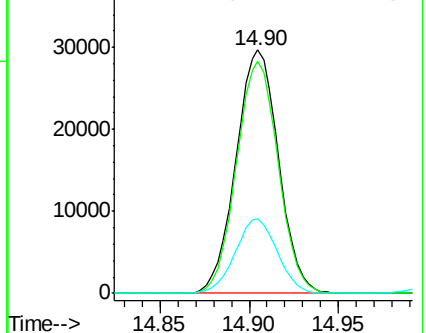
145 30.2 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.032 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN060708.D

Acq: 26 Mar 2020 12:35

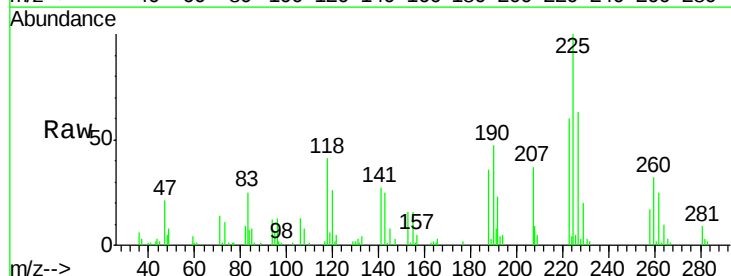
Tgt Ion:225 Resp: 25673

Ion Ratio Lower Upper

225 100

223 60.1 31.6 95.0

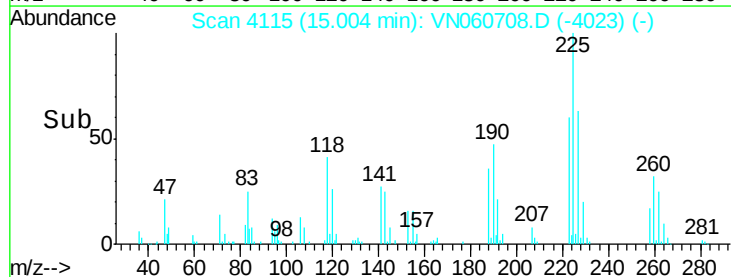
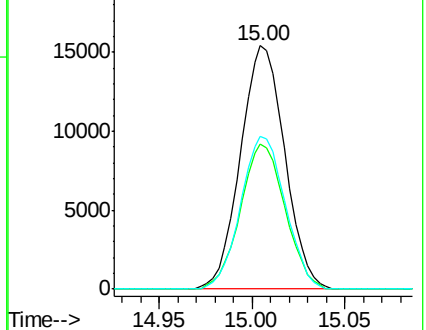
227 63.0 32.3 96.8

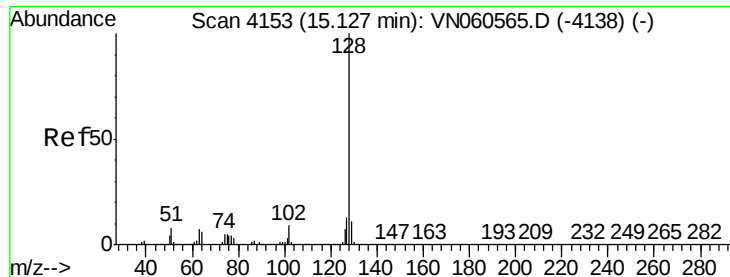


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

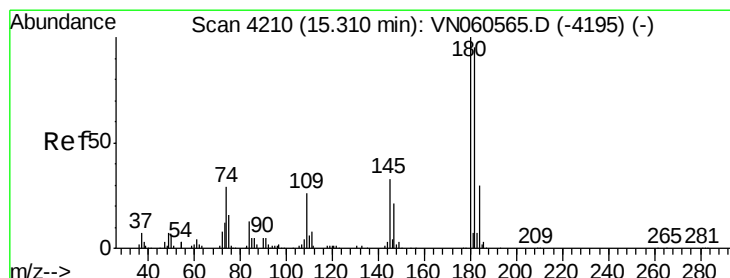
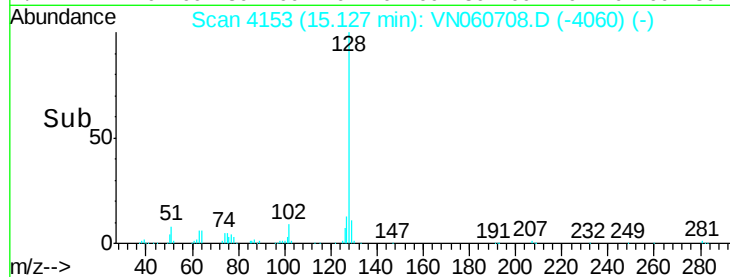
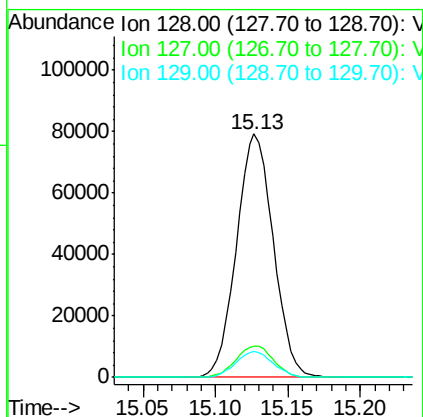
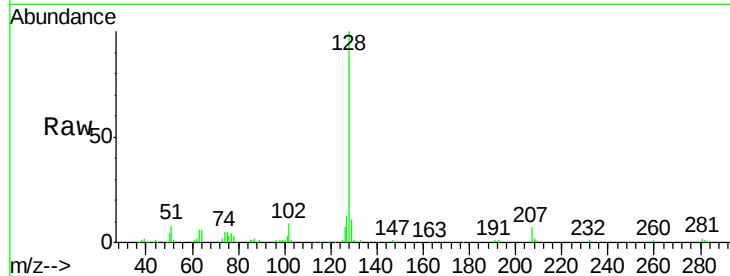




#95
Naphthalene
Concen: 17.751 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Instrument :
MSVOA_N
ClientSampled :
VN0326WBS01

Tgt Ion:128 Resp: 139577
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.384 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060708.D
Acq: 26 Mar 2020 12:35

Tgt Ion:180 Resp: 47340
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.6
145 32.8 16.3 48.8

