

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060223.D
 Acq On : 25 Feb 2020 11:03
 Operator : JC/MD
 Sample : VN0225WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Quant Time: Feb 25 15:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	280323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	262183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	110643	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.57	113	88706	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.08	98	334428	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.40	95	121804	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31208	17.31	ug/l	98
3) Chloromethane	2.04	50	36457	16.99	ug/l	99
4) Vinyl Chloride	2.17	62	40961	16.75	ug/l	99
5) Bromomethane	2.55	94	26568	17.72	ug/l	93
6) Chloroethane	2.69	64	21151	17.10	ug/l	97
7) Trichlorofluoromethane	3.00	101	55702	17.67	ug/l	100
8) Diethyl Ether	3.39	74	19691	18.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31423	17.95	ug/l	98
10) Methyl Iodide	3.93	142	40708	18.93	ug/l	100
11) Tert butyl alcohol	4.73	59	30188	91.92	ug/l #	84
12) 1,1-Dichloroethene	3.72	96	30137	17.67	ug/l	98
13) Acrolein	3.58	56	27047	83.32	ug/l	96
14) Allyl chloride	4.30	41	44105	17.57	ug/l	97
15) Acrylonitrile	4.95	53	79082	98.61	ug/l	98
16) Acetone	3.78	43	72550	75.79	ug/l	99
17) Carbon Disulfide	4.03	76	82107	15.98	ug/l	98
18) Methyl Acetate	4.29	43	36627	20.37	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	108119	18.86	ug/l	99
20) Methylene Chloride	4.52	84	35333	18.50	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	33376	17.96	ug/l	93
22) Diisopropyl ether	5.92	45	104289	18.96	ug/l	99
23) Vinyl Acetate	5.86	43	431798	93.48	ug/l	100
24) 1,1-Dichloroethane	5.82	63	60802	18.25	ug/l	99
25) 2-Butanone	6.80	43	103955	86.35	ug/l	100
26) 2,2-Dichloropropane	6.79	77	55761	17.62	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	39541	18.18	ug/l	98
28) Bromochloromethane	7.17	49	26433	20.18	ug/l	97
29) Tetrahydrofuran	7.18	42	68636	92.93	ug/l	98
30) Chloroform	7.35	83	65972	18.90	ug/l	97
31) Cyclohexane	7.63	56	54360	17.51	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	57775	18.11	ug/l	100
36) 1,1-Dichloropropene	7.77	75	46282	17.83	ug/l	99
37) Ethyl Acetate	6.90	43	43835	18.68	ug/l	100
38) Carbon Tetrachloride	7.75	117	50399	17.87	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060223.D
 Acq On : 25 Feb 2020 11:03
 Operator : JC/MD
 Sample : VN0225WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0225WBSD01

Quant Time: Feb 25 15:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	56519	17.54	ug/l	99
40) Benzene	8.02	78	140497	18.24	ug/l	99
41) Methacrylonitrile	7.18	41	64171	65.21	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52378	19.40	ug/l	99
43) Isopropyl Acetate	8.14	43	75856	18.91	ug/l	100
44) Trichloroethene	8.82	130	38739	18.16	ug/l	97
45) 1,2-Dichloropropane	9.10	63	37167	19.49	ug/l	97
46) Dibromomethane	9.19	93	25090	18.62	ug/l	97
47) Bromodichloromethane	9.39	83	51605	18.84	ug/l	98
48) Methyl methacrylate	9.18	41	33094	18.39	ug/l	99
49) 1,4-Dioxane	9.18	88	11720	381.13	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	219030	94.34	ug/l	100
52) Toluene	10.14	92	90492	18.32	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	57557	18.61	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	61354	18.84	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	36349	18.86	ug/l	96
56) Ethyl methacrylate	10.42	69	49741	18.25	ug/l	98
57) 1,3-Dichloropropane	10.70	76	59758	18.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	117545	92.57	ug/l	98
59) 2-Hexanone	10.74	43	158280	88.25	ug/l	100
60) Dibromochloromethane	10.89	129	41892	18.95	ug/l	99
61) 1,2-Dibromoethane	11.00	107	37826	18.73	ug/l	99
64) Tetrachloroethene	10.62	164	36528	18.33	ug/l	98
65) Chlorobenzene	11.43	112	97800	18.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	37888	18.75	ug/l	98
67) Ethyl Benzene	11.51	91	175221	18.19	ug/l	99
68) m/p-Xylenes	11.62	106	131289	36.31	ug/l	100
69) o-Xylene	11.94	106	64160	18.43	ug/l	100
70) Styrene	11.96	104	99030	17.64	ug/l	99
71) Bromoform	12.12	173	29643	18.24	ug/l #	98
73) Isopropylbenzene	12.25	105	171996	18.06	ug/l	99
74) N-amyl acetate	12.07	43	62504	18.20	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	52276	19.07	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	67940	27.85	ug/l #	100
77) Bromobenzene	12.52	156	43079	18.23	ug/l	96
78) n-propylbenzene	12.59	91	194263	17.91	ug/l	100
79) 2-Chlorotoluene	12.67	91	114481	17.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	144165	18.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	17649	17.71	ug/l	98
82) 4-Chlorotoluene	12.77	91	117748	18.00	ug/l	98
83) tert-Butylbenzene	12.99	119	126136	18.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	144479	18.49	ug/l	99
85) sec-Butylbenzene	13.17	105	163673	17.65	ug/l	99
86) p-Isopropyltoluene	13.29	119	149139	17.75	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	75236	17.99	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	75425	18.03	ug/l	99
89) n-Butylbenzene	13.61	91	129662	17.54	ug/l	99
90) Hexachloroethane	13.87	117	27724	17.66	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	75545	18.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10702	17.87	ug/l	95

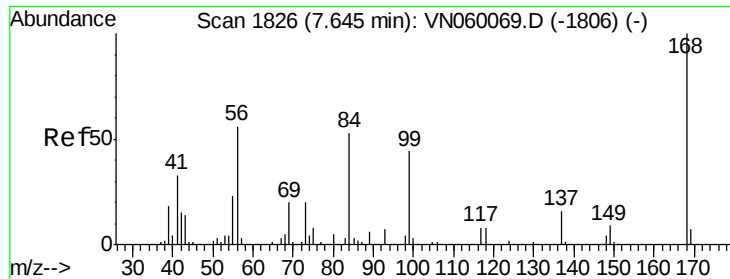
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
Data File : VN060223.D
Acq On : 25 Feb 2020 11:03
Operator : JC/MD
Sample : VN0225WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Quant Time: Feb 25 15:45:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43436	18.06	ug/l	99
94) Hexachlorobutadiene	15.01	225	25653	18.22	ug/l	100
95) Naphthalene	15.13	128	116330	17.90	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44033	18.38	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

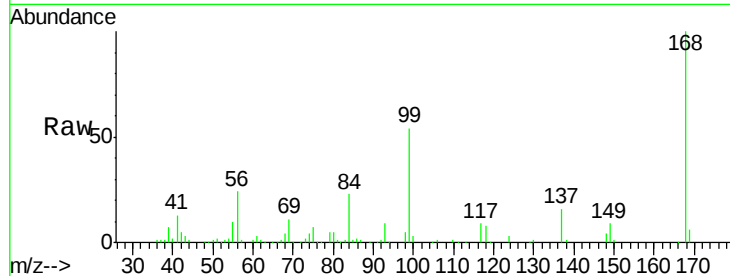
VN0225WBSD01

Tgt Ion:168 Resp: 180349

Ion Ratio Lower Upper

168 100

99 54.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

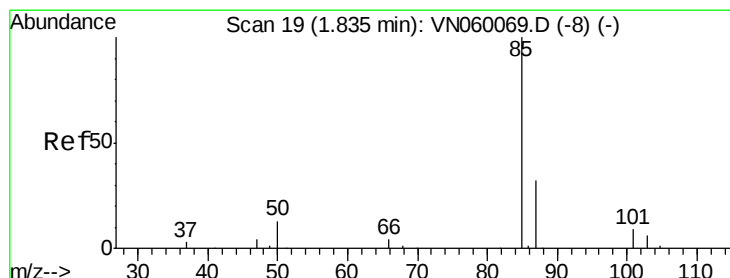
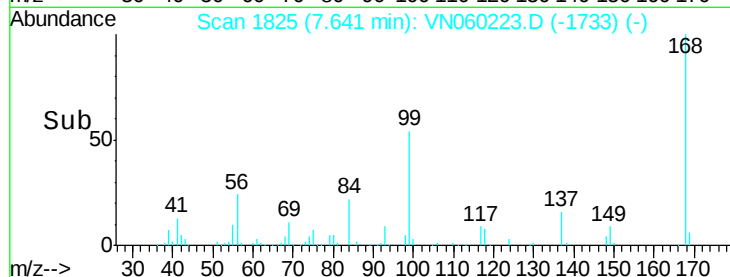
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.31 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060223.D

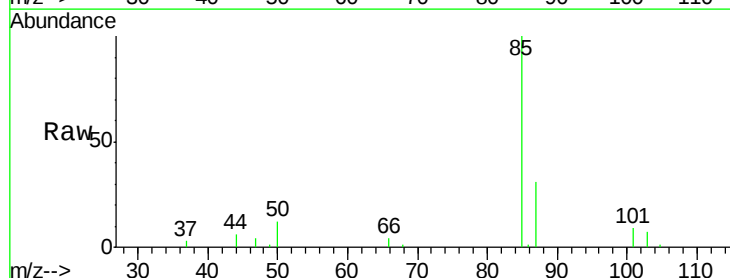
Acq: 25 Feb 2020 11:03

Tgt Ion: 85 Resp: 31208

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

25000

20000

15000

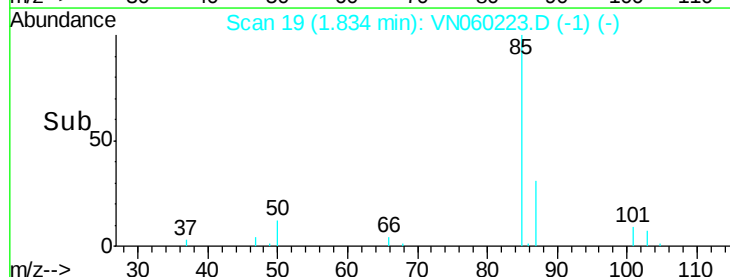
10000

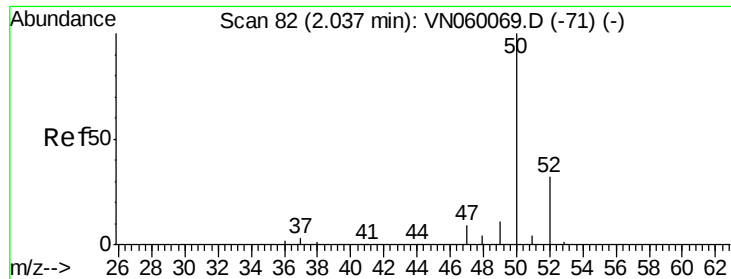
5000

0

1.80 1.85 1.90

Time-->

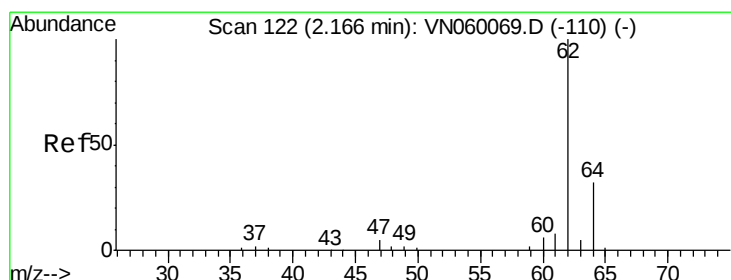
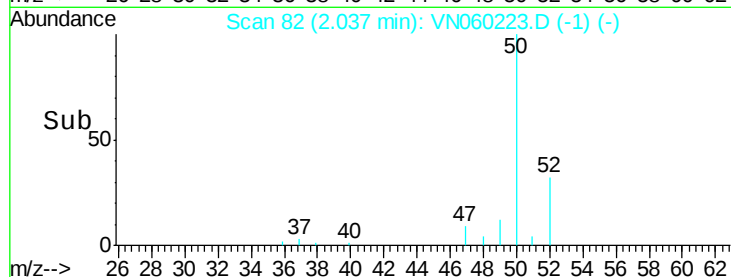
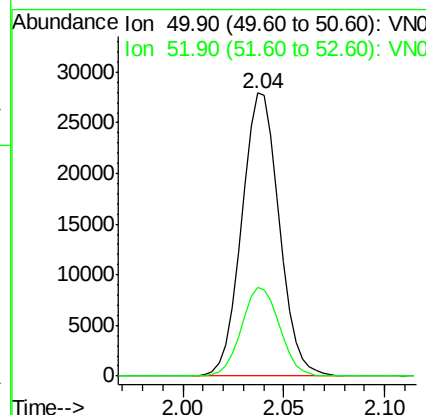
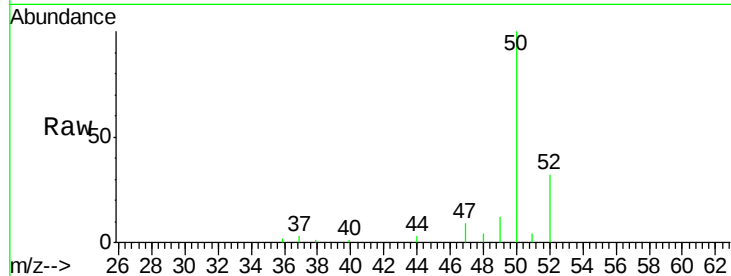




#3
 Chloromethane
 Concen: 16.99 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

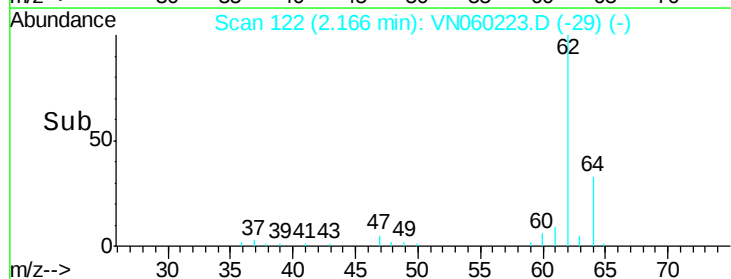
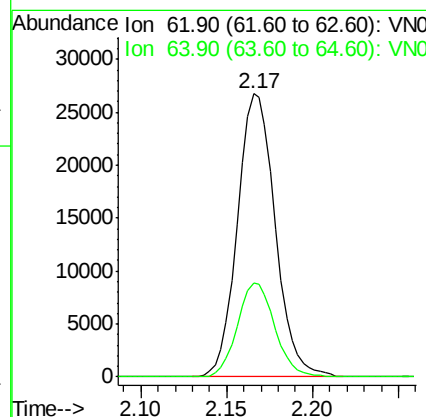
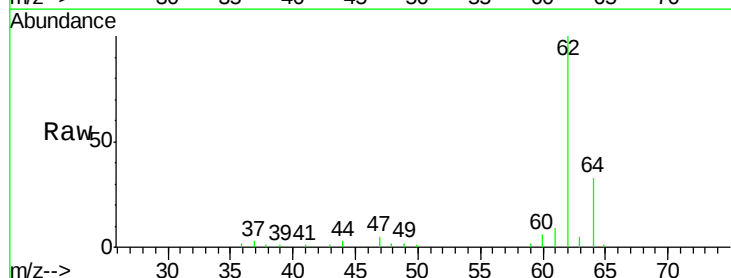
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

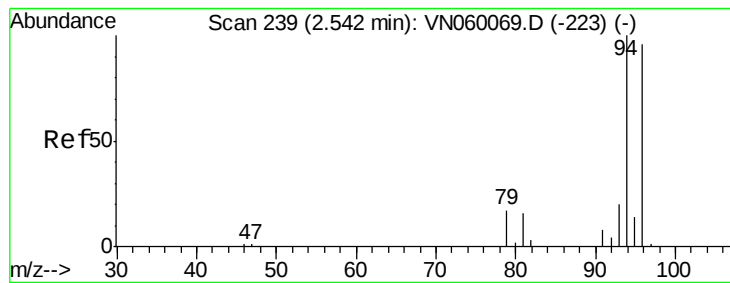
Tgt Ion: 50 Resp: 36457
 Ion Ratio Lower Upper
 50 100
 52 31.6 25.6 38.4



#4
 Vinyl Chloride
 Concen: 16.75 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 62 Resp: 40961
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.9 38.9





#5

Bromomethane

Concen: 17.72 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

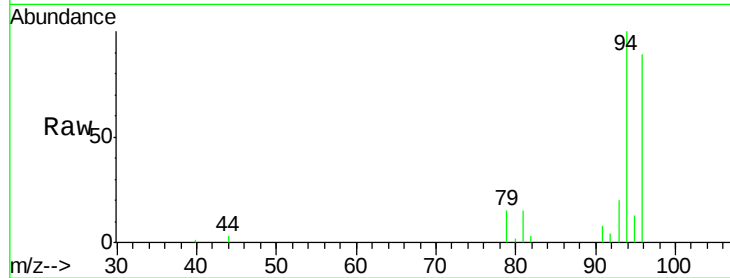
VN0225WBSD01

Tgt Ion: 94 Resp: 26568

Ion Ratio Lower Upper

94 100

96 88.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

15000

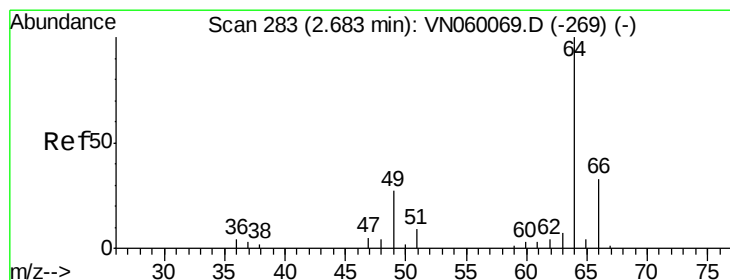
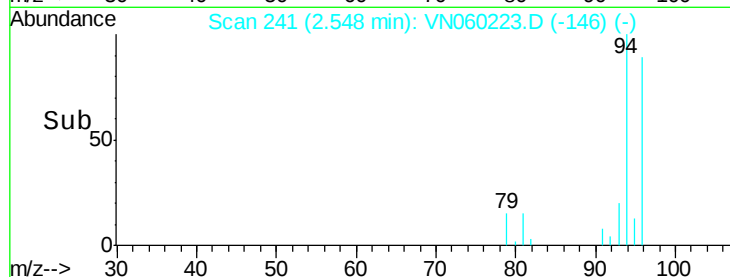
10000

5000

0

Time-->

2.50 2.55 2.60



#6

Chloroethane

Concen: 17.10 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN060223.D

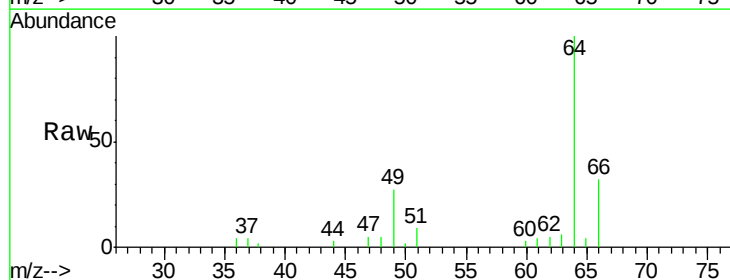
Acq: 25 Feb 2020 11:03

Tgt Ion: 64 Resp: 21151

Ion Ratio Lower Upper

64 100

66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

12000

10000

8000

6000

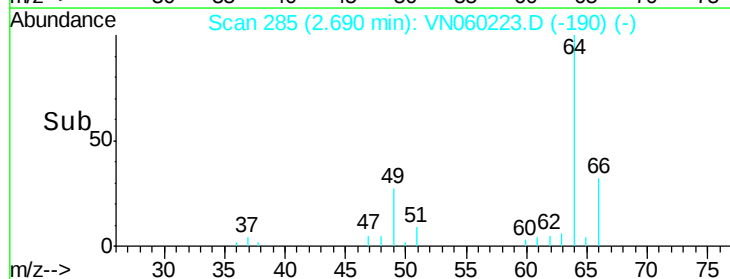
4000

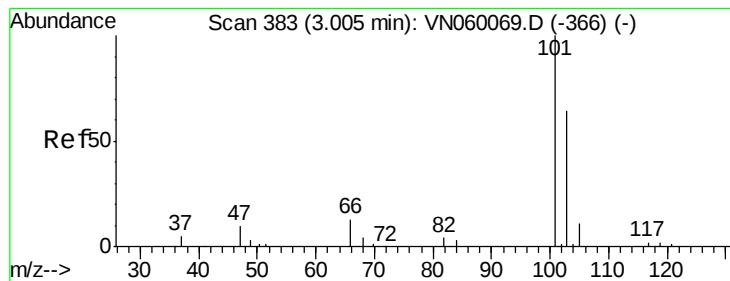
2000

0

Time-->

2.60 2.65 2.70 2.75



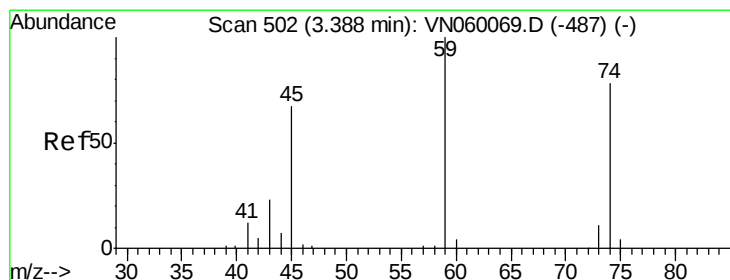
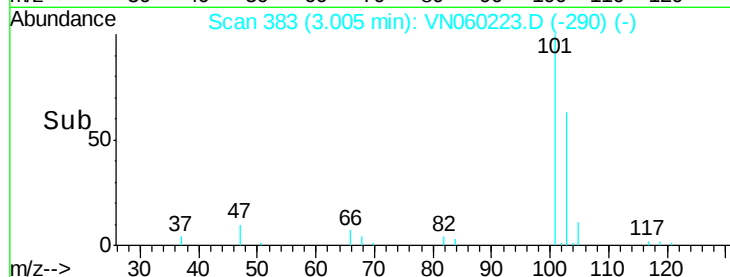
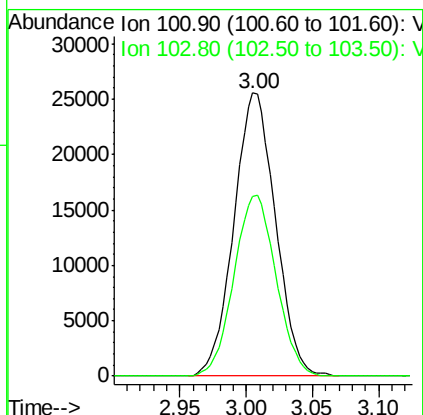
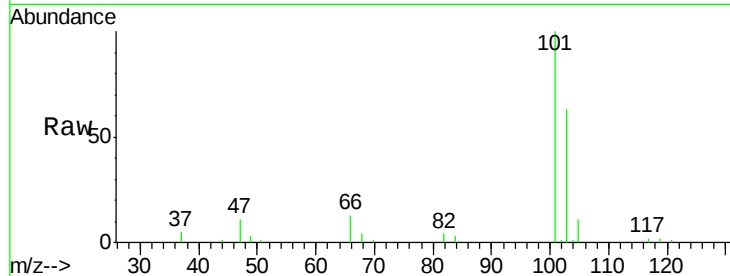


#7

Trichlorofluoromethane
 Concen: 17.67 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

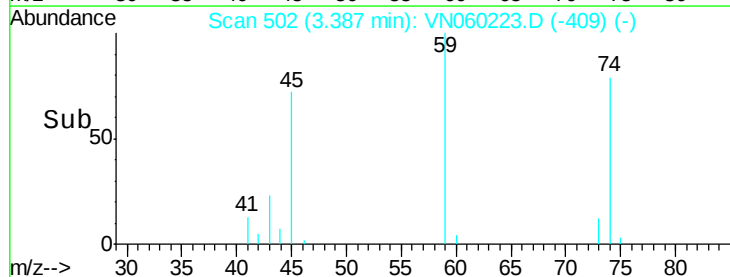
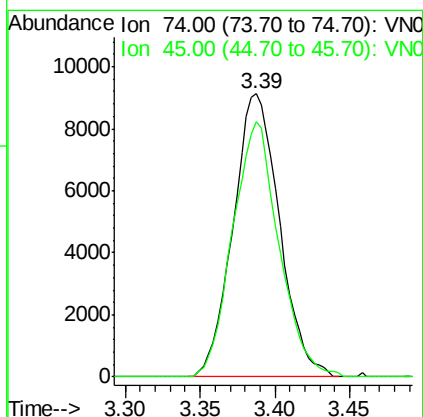
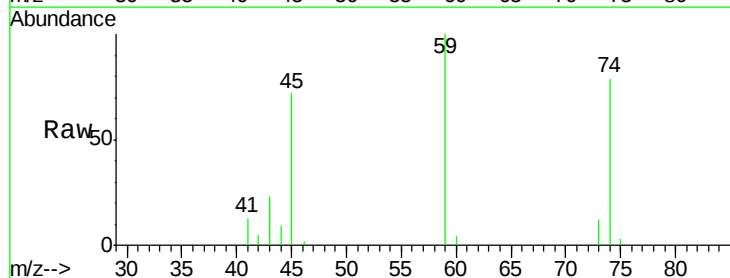
Tgt Ion: 101 Resp: 55702
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6



#8

Diethyl Ether
 Concen: 18.76 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 74 Resp: 19691
 Ion Ratio Lower Upper
 74 100
 45 89.9 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.95 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

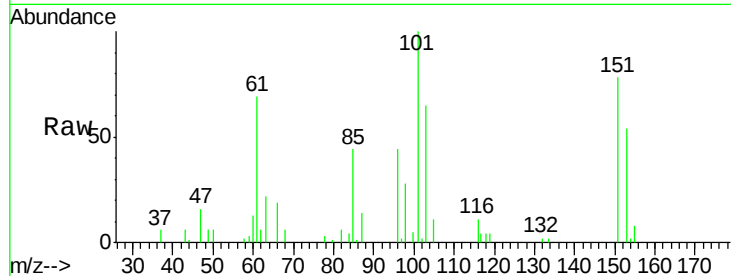
Tgt Ion:101 Resp: 31423

Ion Ratio Lower Upper

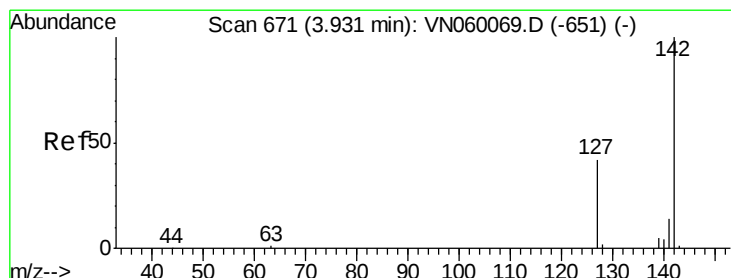
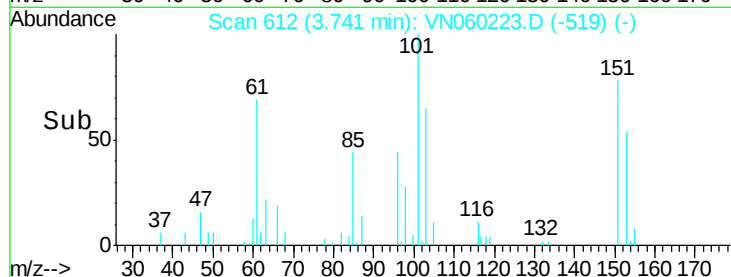
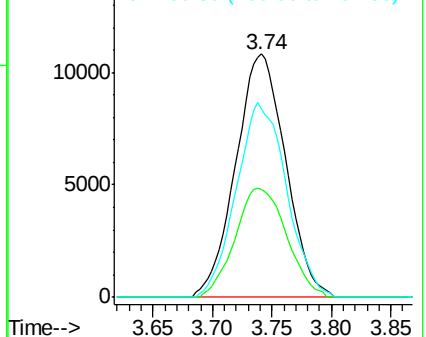
101 100

85 46.3 35.1 52.7

151 80.6 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.93 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

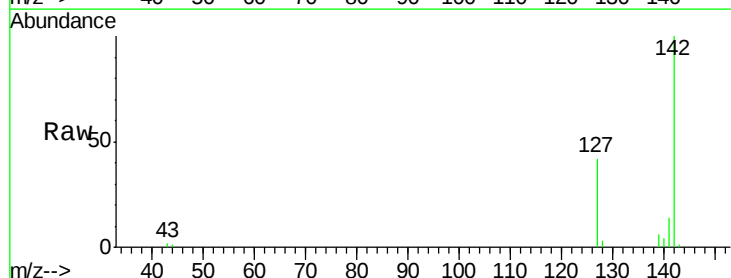
Tgt Ion:142 Resp: 40708

Ion Ratio Lower Upper

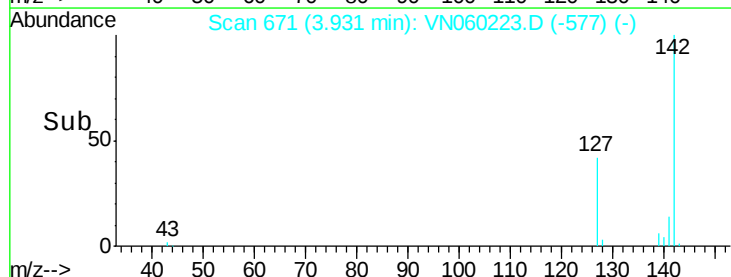
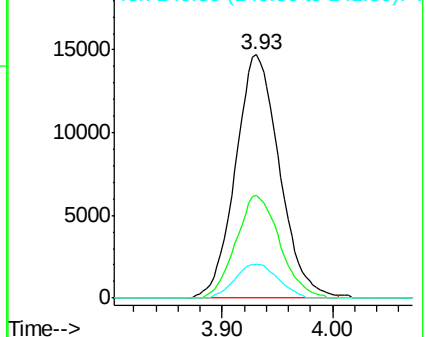
142 100

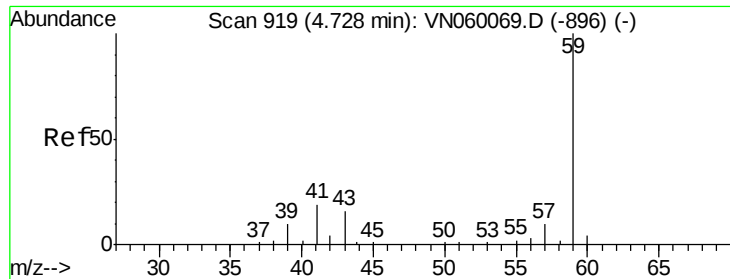
127 42.0 33.6 50.4

141 13.6 11.4 17.2



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

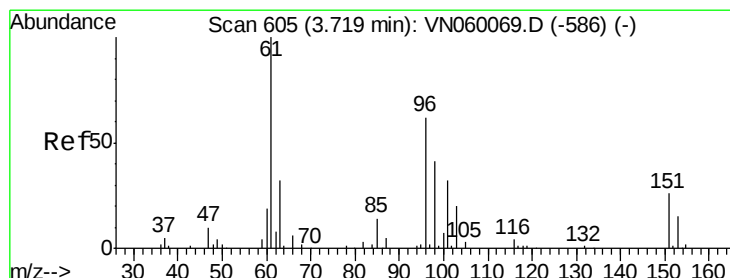
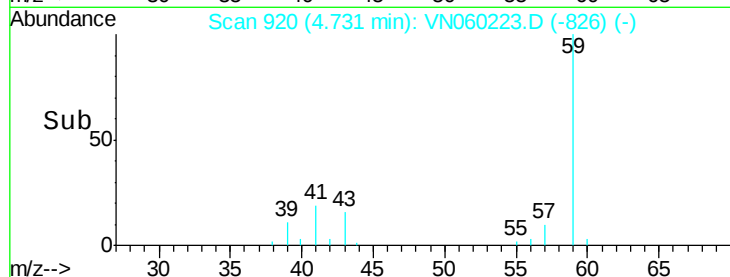
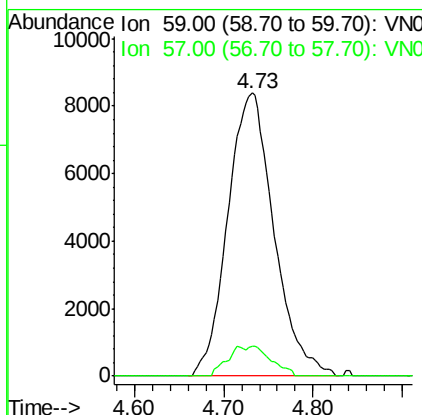
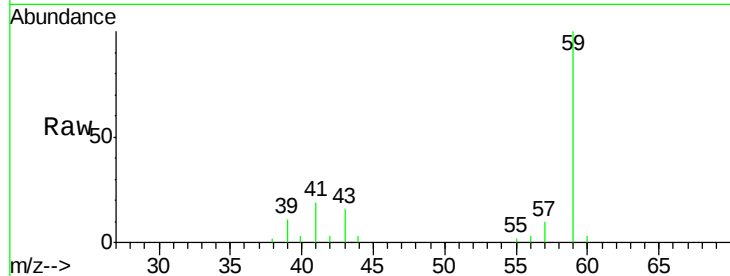




#11
 Tert butyl alcohol
 Concen: 91.92 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

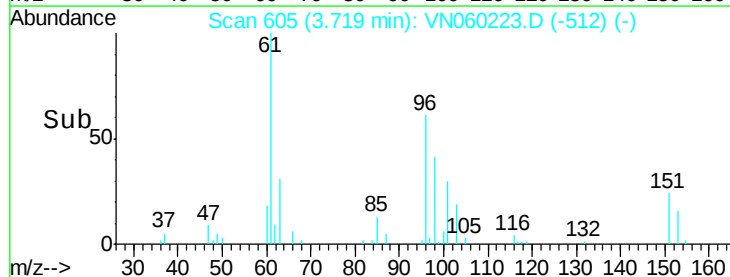
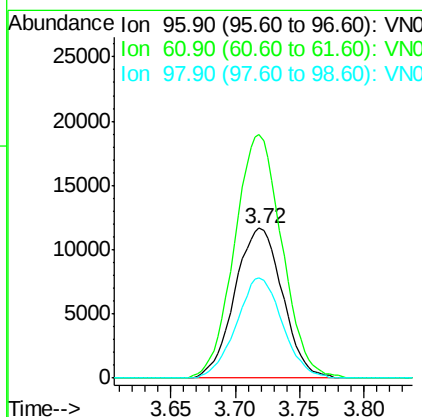
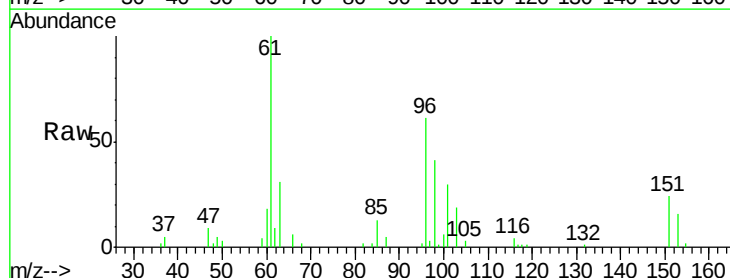
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

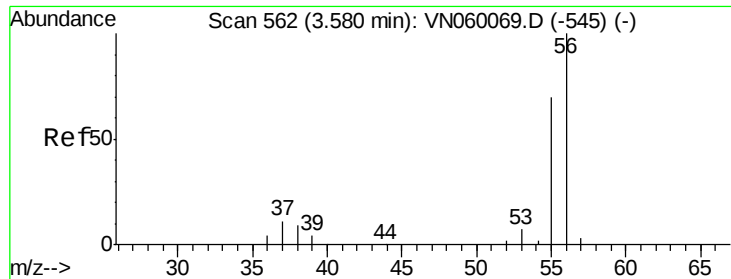
Tgt Ion: 59 Resp: 30188
 Ion Ratio Lower Upper
 59 100
 57 4.4 8.2 12.4#



#12
 1,1-Dichloroethene
 Concen: 17.67 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 96 Resp: 30137
 Ion Ratio Lower Upper
 96 100
 61 162.8 128.3 192.5
 98 67.2 52.2 78.4





#13

Acrolein

Concen: 83.32 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

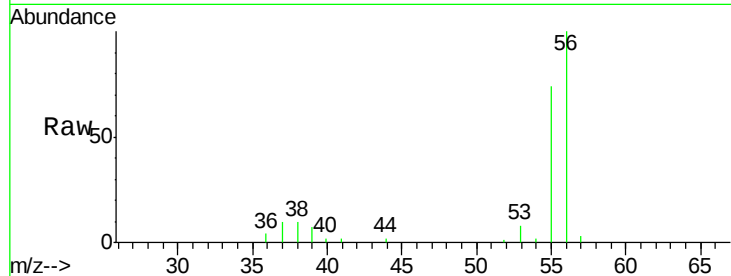
VN0225WBSD01

Tgt Ion: 56 Resp: 27047

Ion Ratio Lower Upper

56 100

55 72.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12000

10000

8000

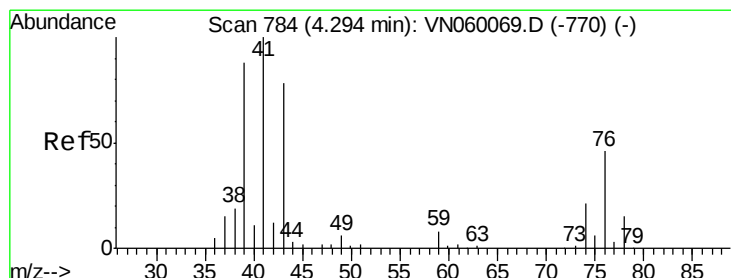
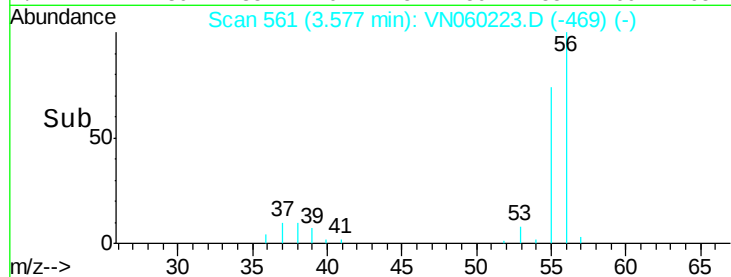
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 17.57 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

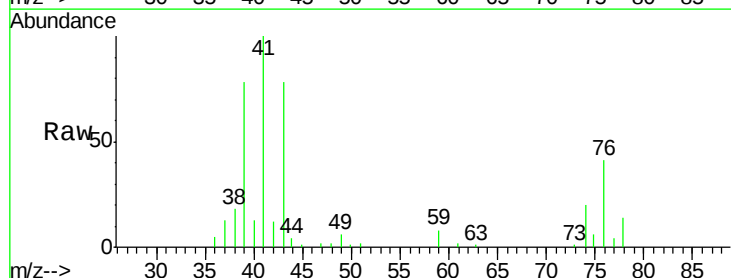
Tgt Ion: 41 Resp: 44105

Ion Ratio Lower Upper

41 100

39 81.6 67.8 101.8

76 41.2 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

20000

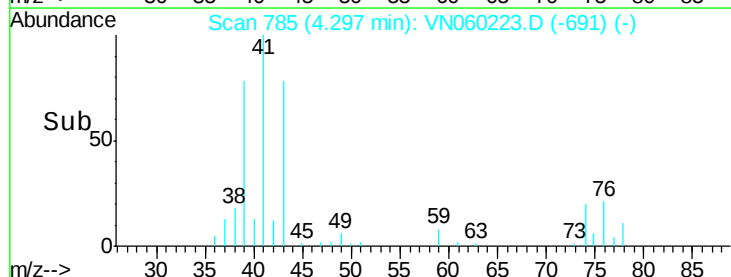
15000

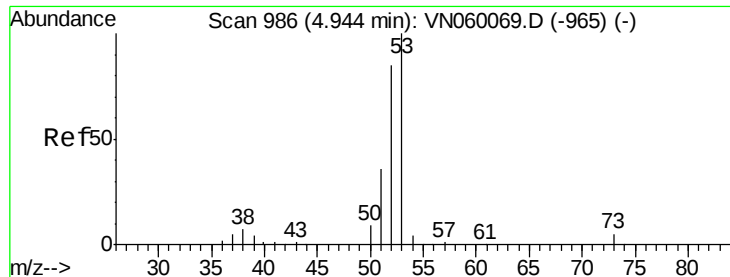
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 98.61 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

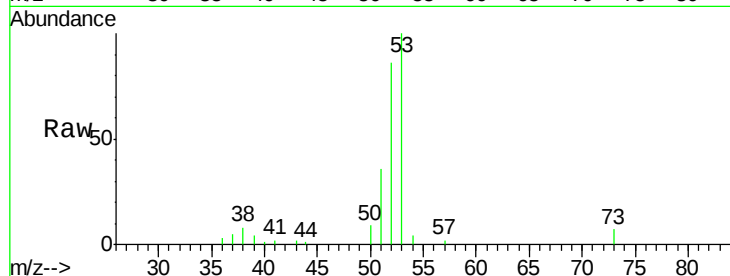
Tgt Ion: 53 Resp: 79082

Ion Ratio Lower Upper

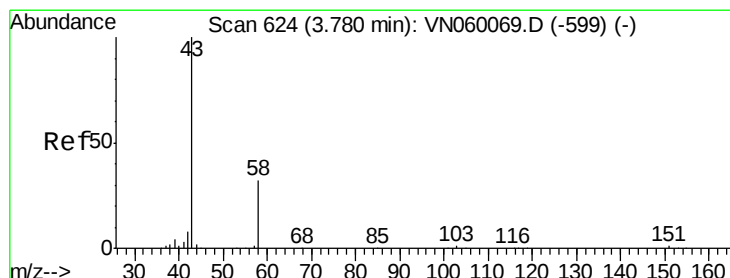
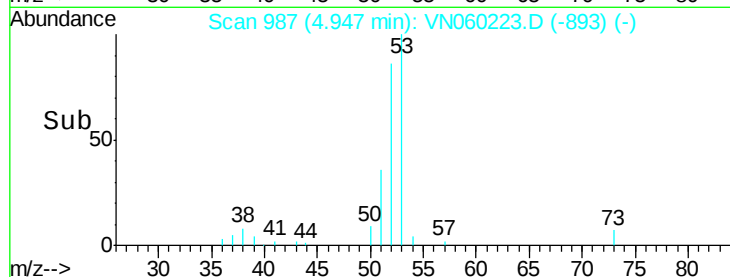
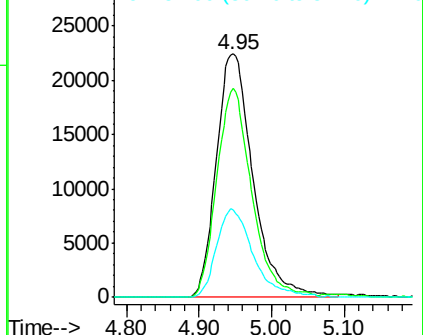
53 100

52 80.7 66.8 100.2

51 36.2 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 75.79 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060223.D

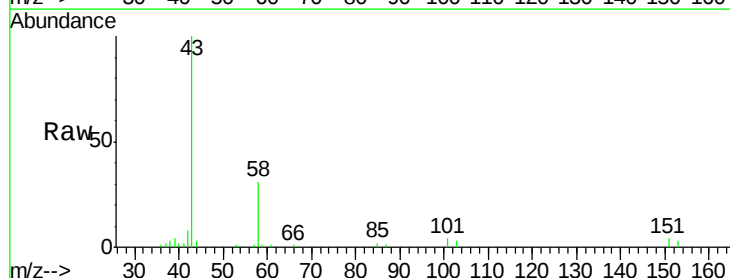
Acq: 25 Feb 2020 11:03

Tgt Ion: 43 Resp: 72550

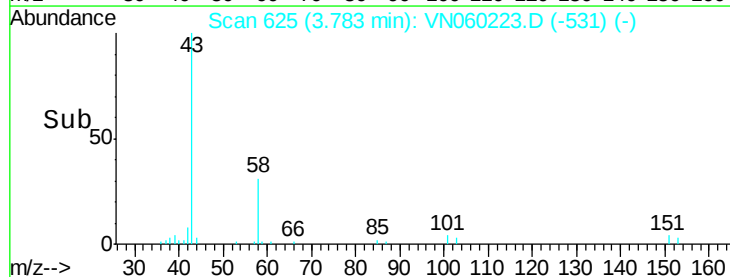
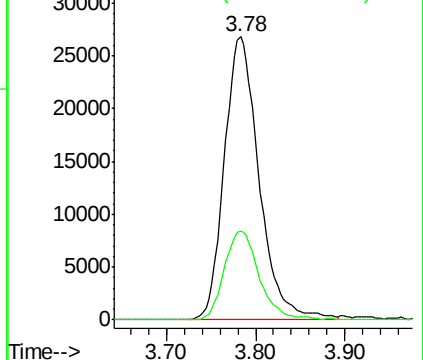
Ion Ratio Lower Upper

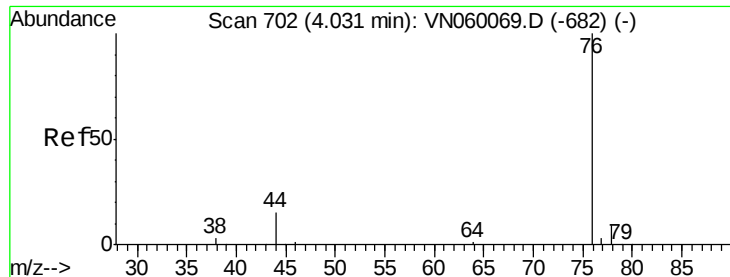
43 100

58 31.2 25.2 37.8



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

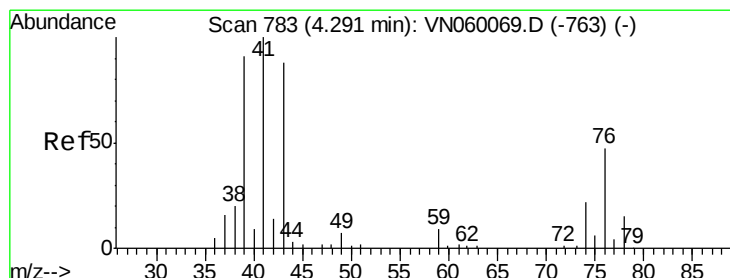
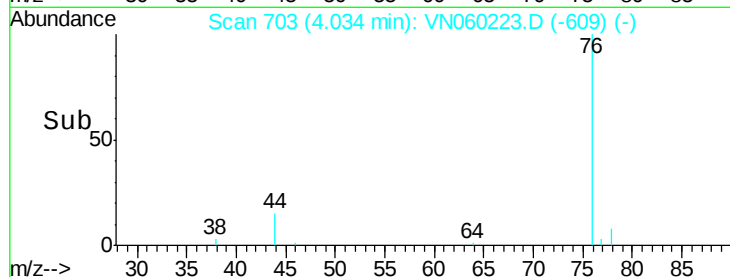
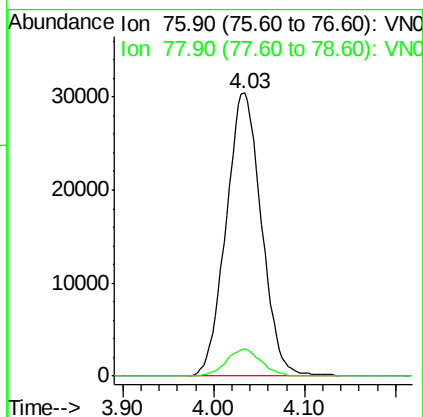
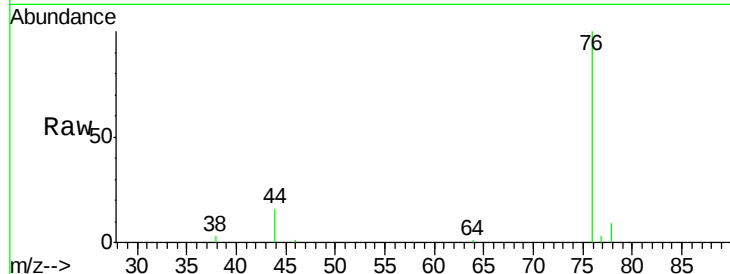




#17
Carbon Disulfide
Concen: 15.98 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

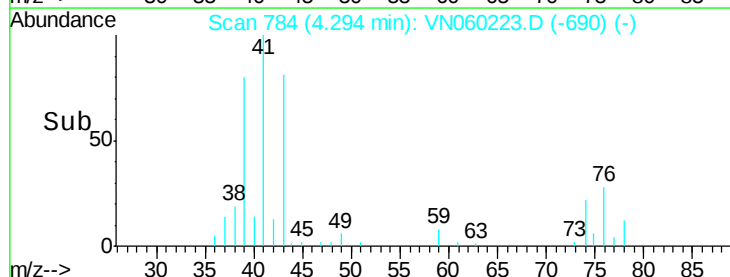
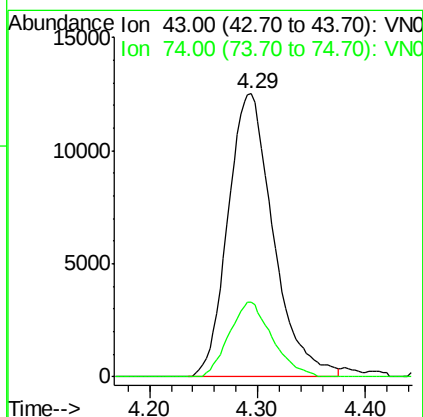
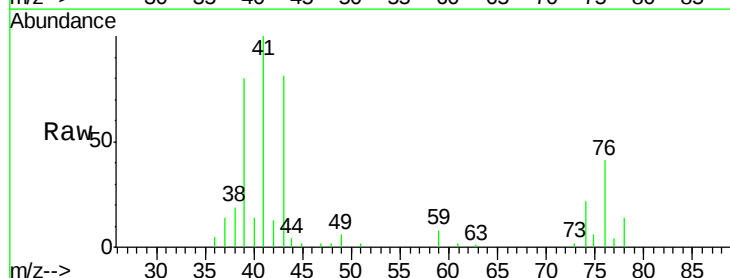
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

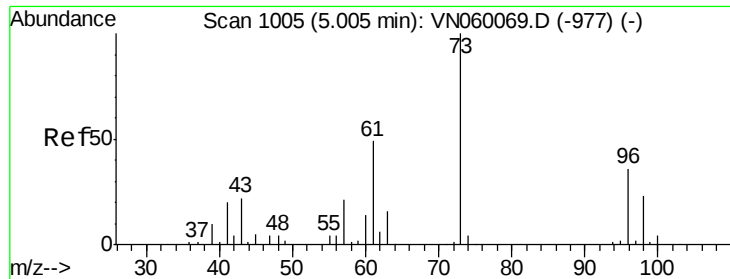
Tgt Ion: 76 Resp: 82107
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 20.37 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 43 Resp: 36627
Ion Ratio Lower Upper
43 100
74 25.1 20.3 30.5

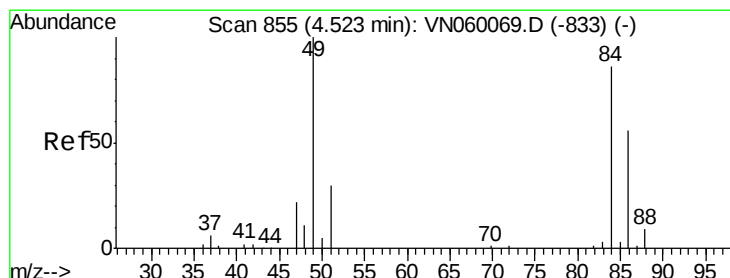
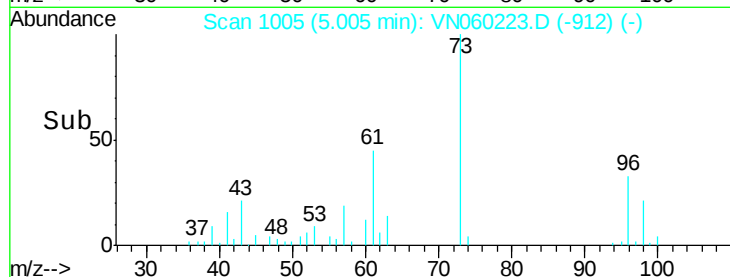
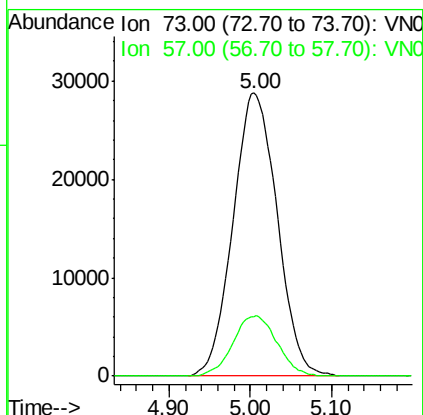
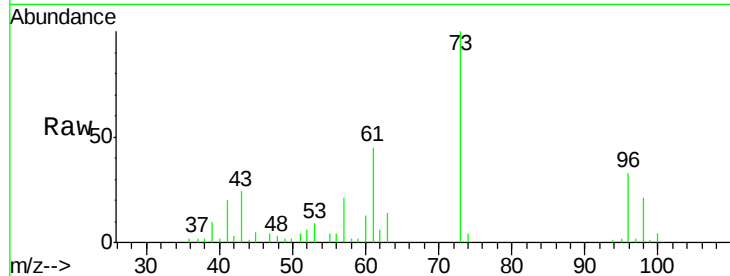




#19
Methyl tert-butyl Ether
Concen: 18.86 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

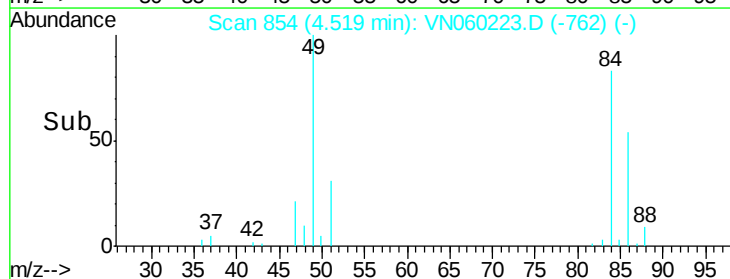
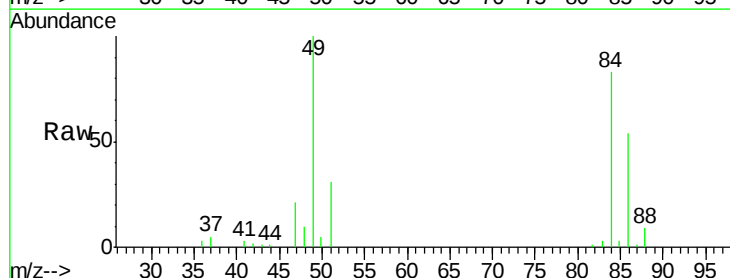
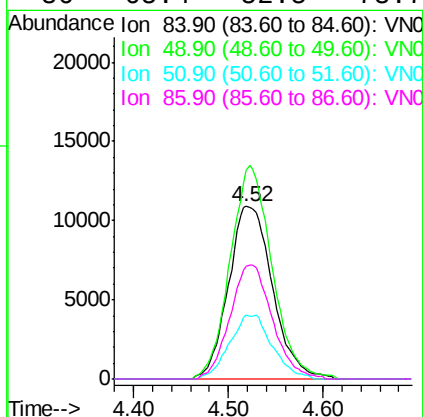
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

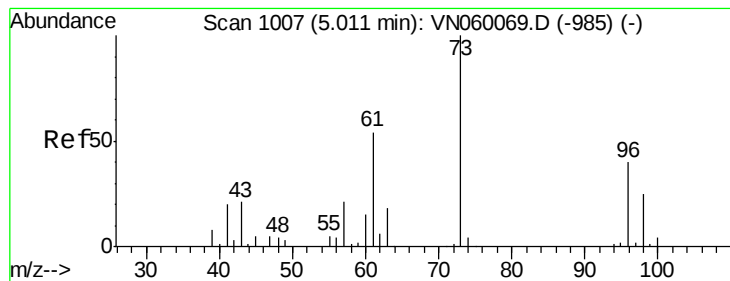
Tgt Ion: 73 Resp: 108119
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8



#20
Methylene Chloride
Concen: 18.50 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 84 Resp: 35333
Ion Ratio Lower Upper
84 100
49 120.8 93.4 140.0
51 36.9 28.4 42.6
86 65.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.96 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampled :

VN0225WBSD01

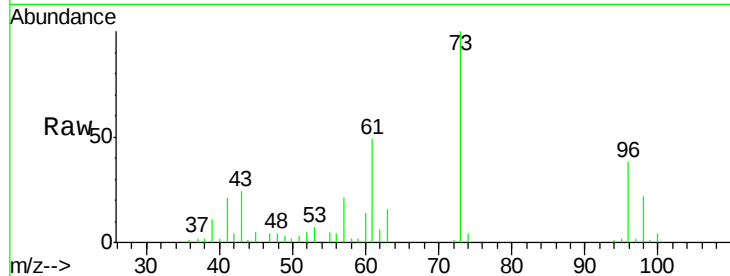
Tgt Ion: 96 Resp: 33376

Ion Ratio Lower Upper

96 100

61 128.6 109.3 163.9

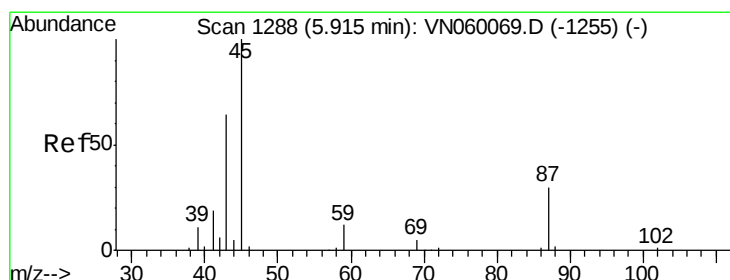
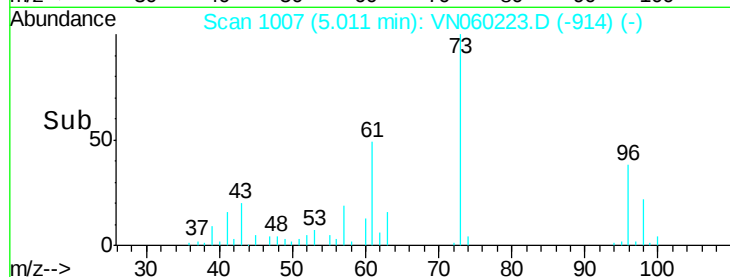
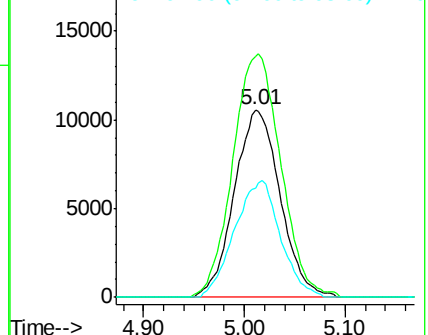
98 58.4 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.96 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Tgt Ion: 45 Resp: 104289

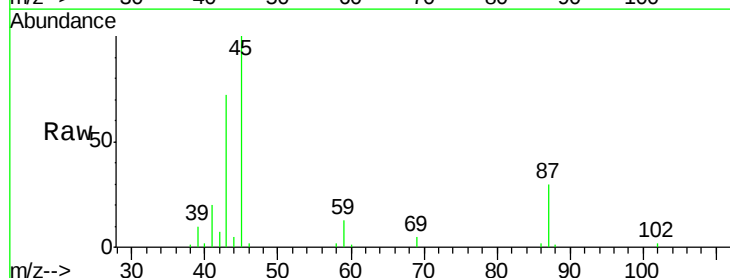
Ion Ratio Lower Upper

45 100

43 70.0 55.9 83.9

87 29.8 24.5 36.7

59 12.5 9.9 14.9

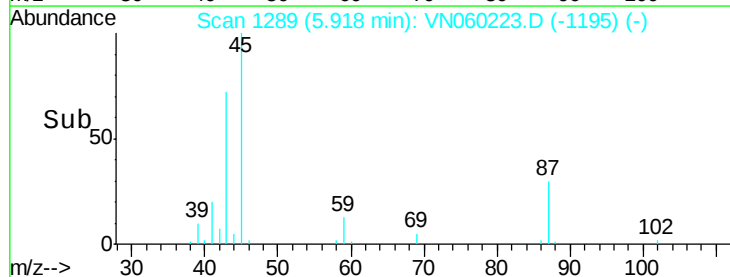
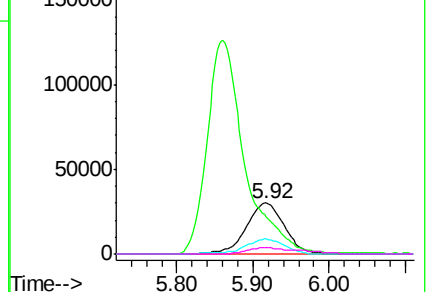


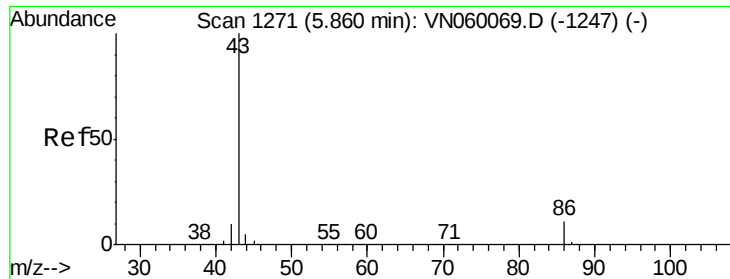
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.48 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampled :

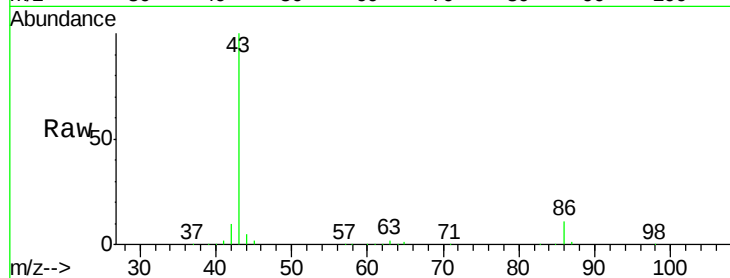
VN0225WBSD01

Tgt Ion: 43 Resp: 431798

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.86

150000

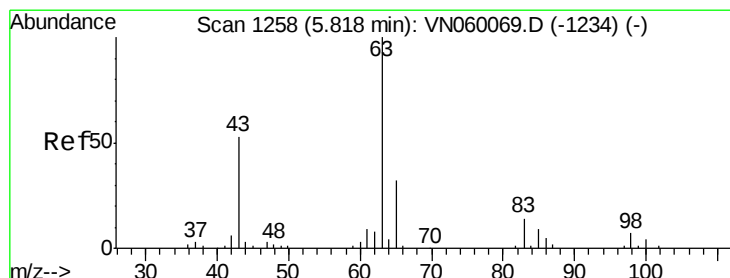
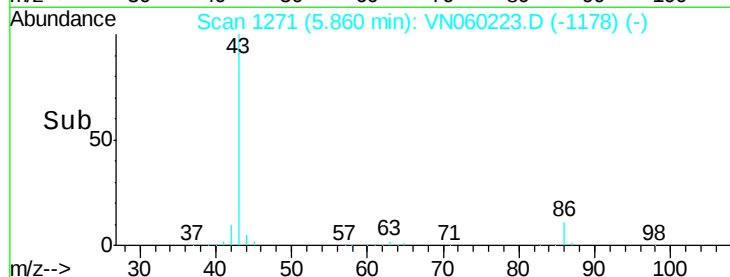
100000

50000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.25 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

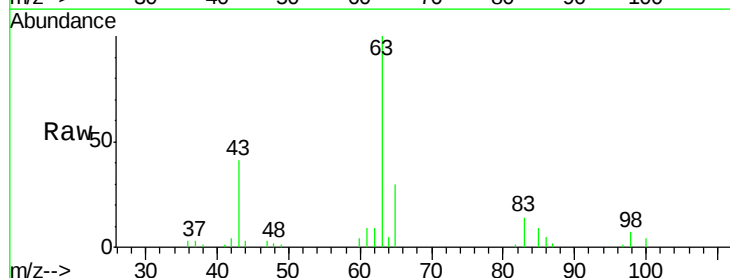
Tgt Ion: 63 Resp: 60802

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.0 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

15000

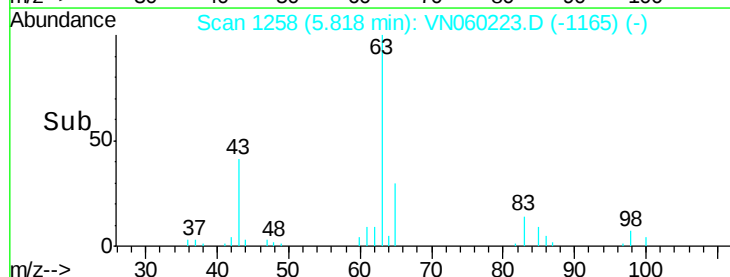
10000

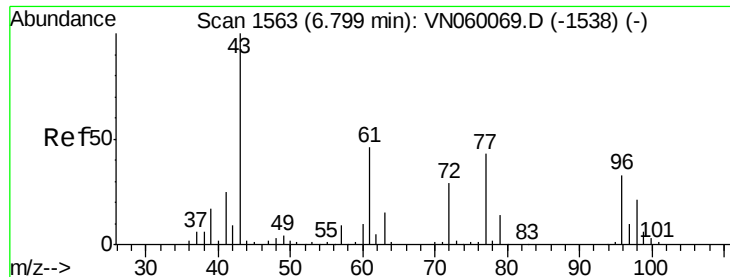
5000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 86.35 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

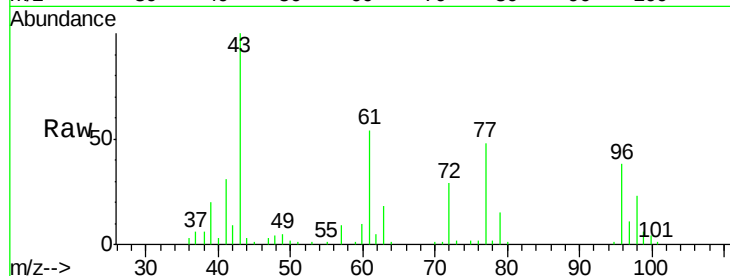
VN0225WBSD01

Tgt Ion: 43 Resp: 103955

Ion Ratio Lower Upper

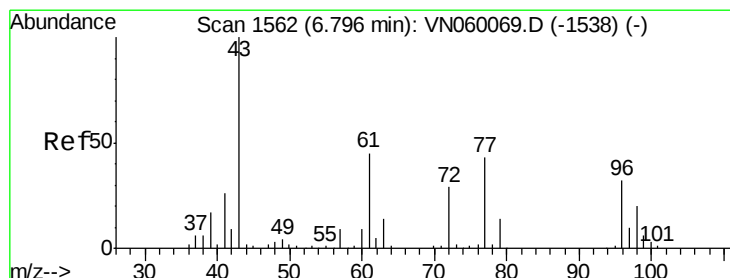
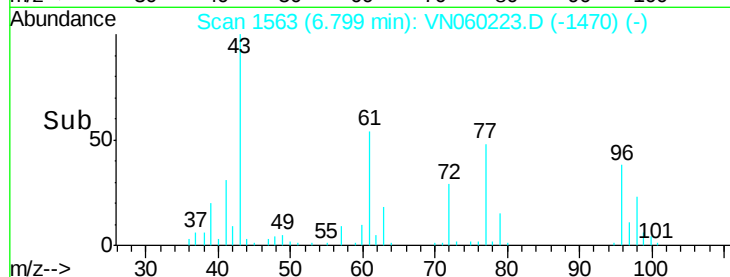
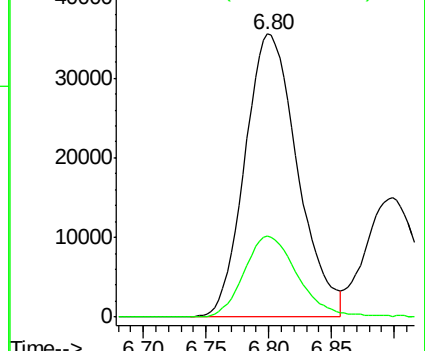
43 100

72 28.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.62 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060223.D

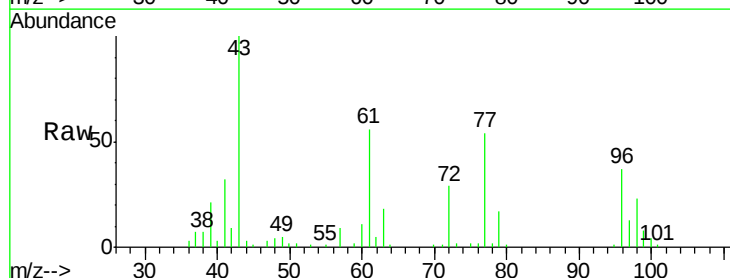
Acq: 25 Feb 2020 11:03

Tgt Ion: 77 Resp: 55761

Ion Ratio Lower Upper

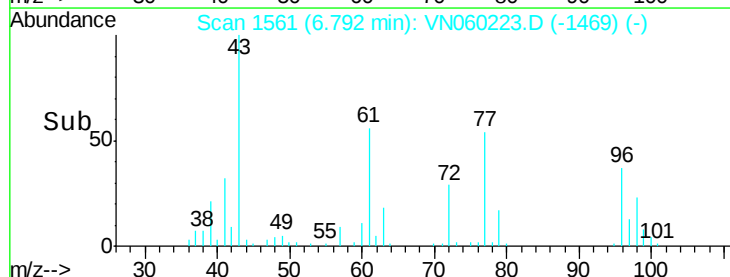
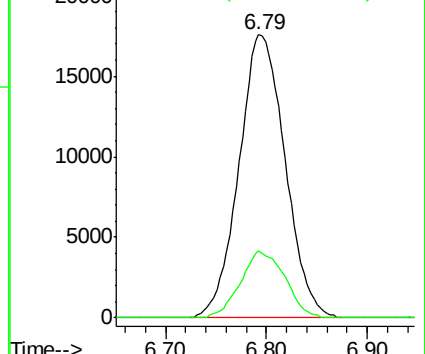
77 100

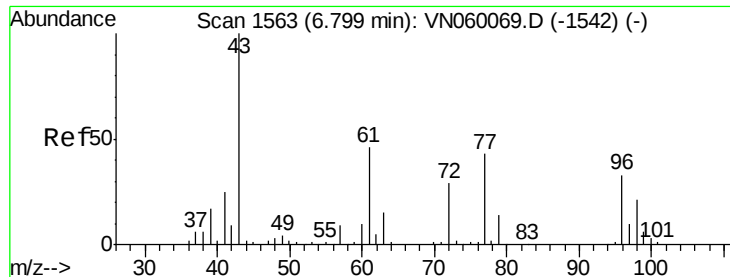
97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.18 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampled :

VN0225WBSD01

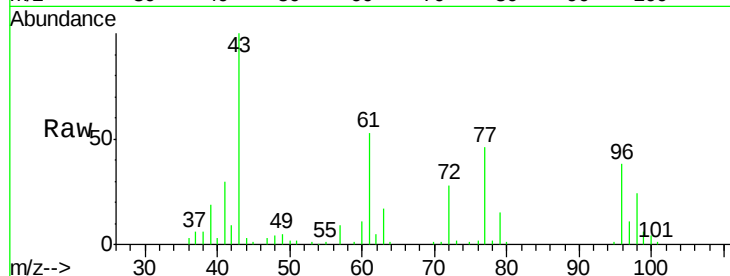
Tgt Ion: 96 Resp: 39541

Ion Ratio Lower Upper

96 100

61 144.6 0.0 285.8

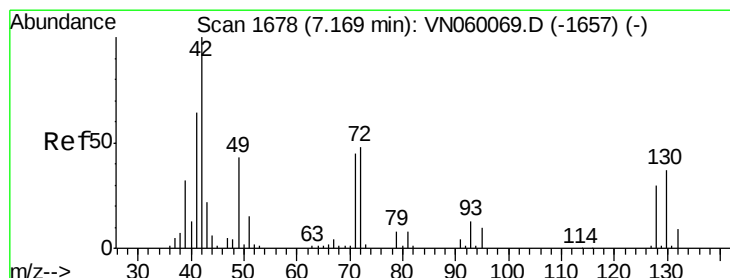
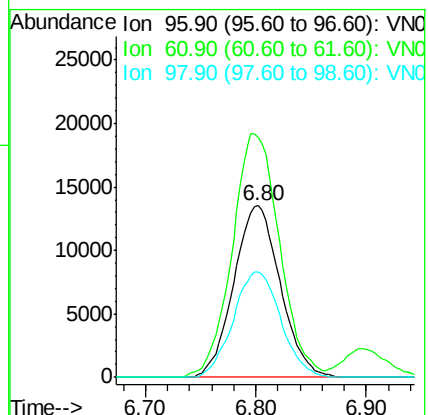
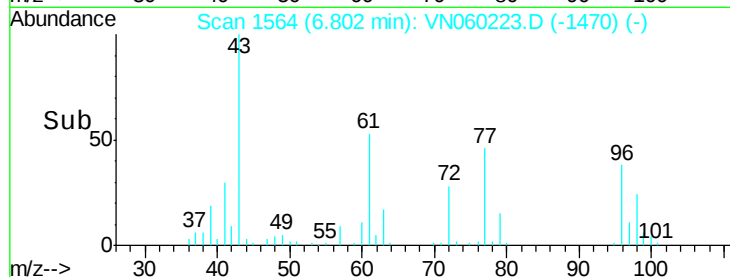
98 62.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.18 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

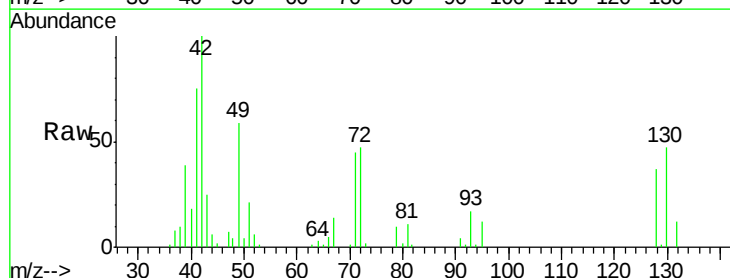
Tgt Ion: 49 Resp: 26433

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.2

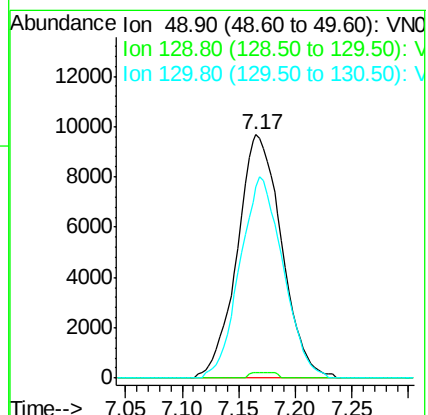
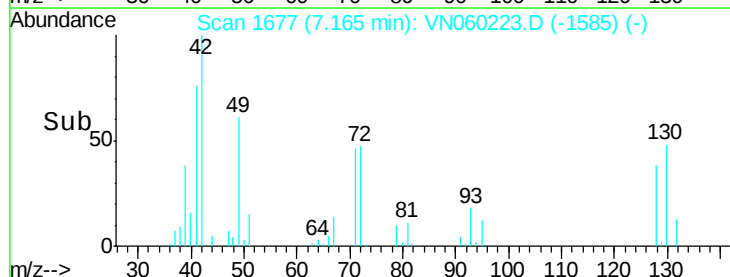
130 80.3 66.8 100.2

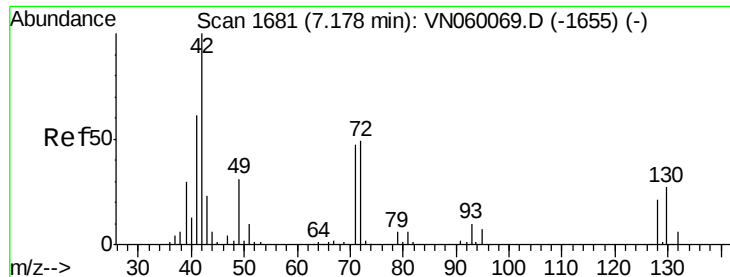


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

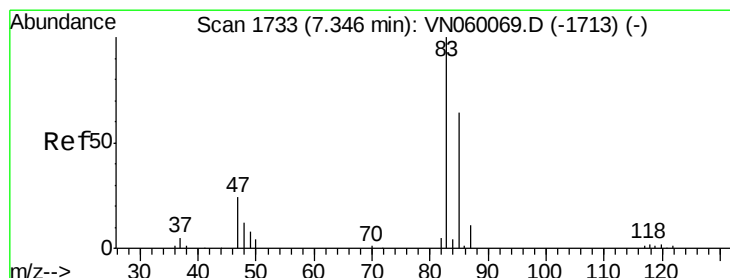
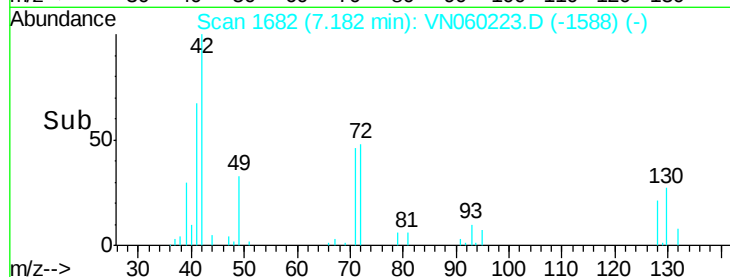
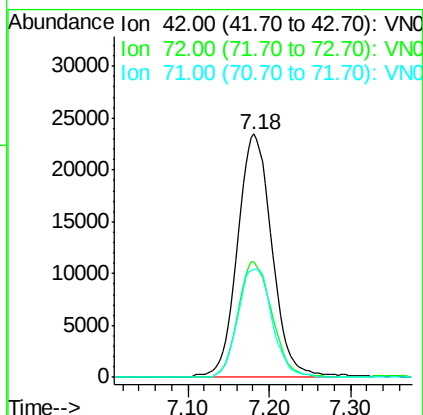
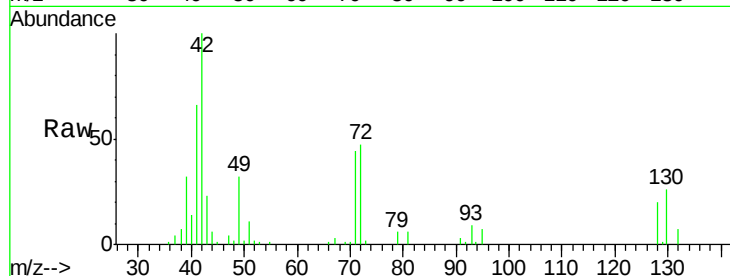




#29
Tetrahydrofuran
Concen: 92.93 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

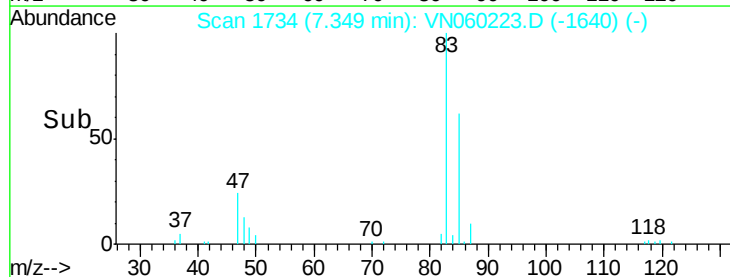
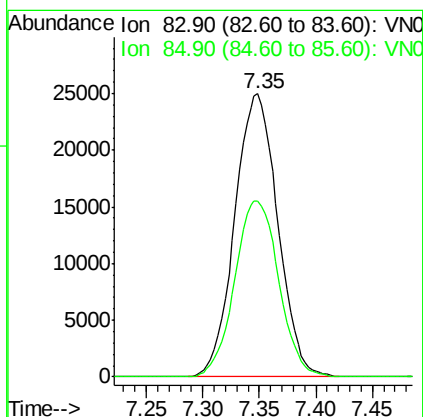
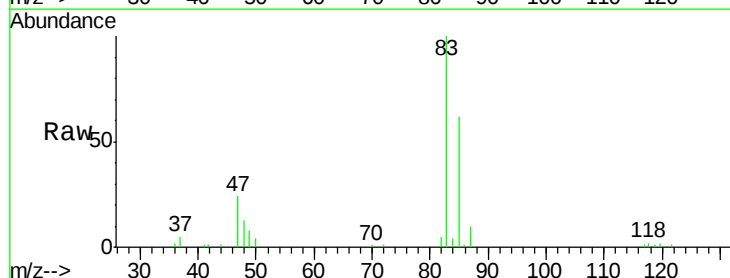
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

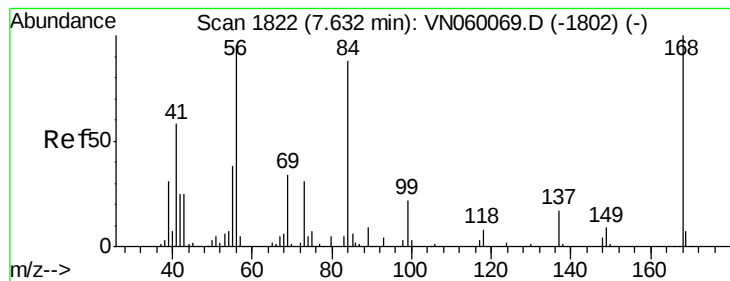
Tgt Ion: 42 Resp: 68636
Ion Ratio Lower Upper
42 100
72 46.7 38.2 57.4
71 44.2 36.6 54.8



#30
Chloroform
Concen: 18.90 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 83 Resp: 65972
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0





#31

Cyclohexane

Concen: 17.51 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

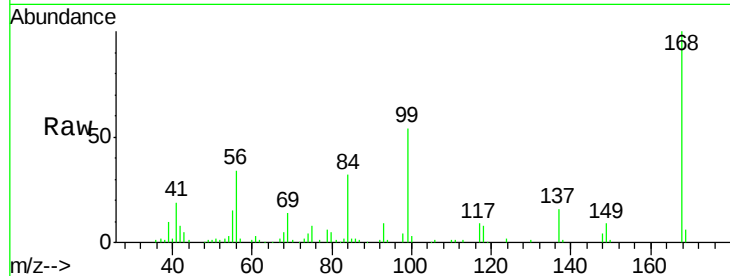
Tgt Ion: 56 Resp: 54360

Ion Ratio Lower Upper

56 100

69 40.0 28.3 42.5

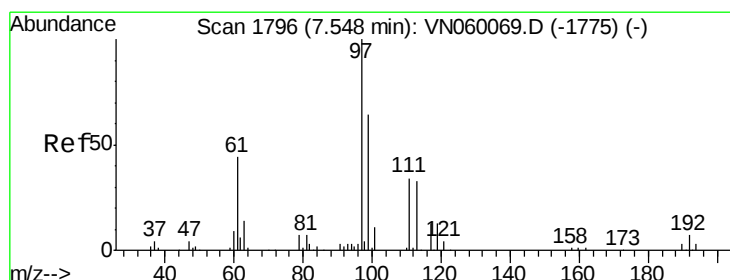
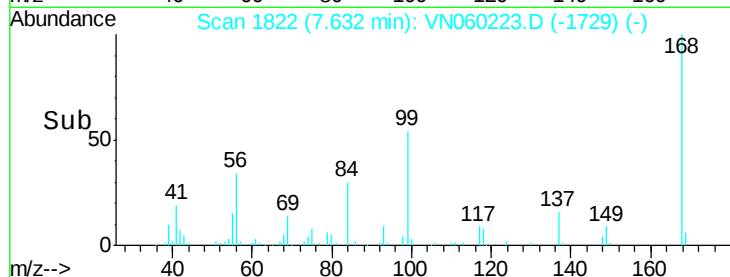
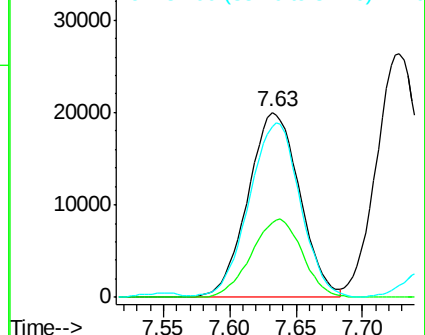
84 91.3 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.11 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

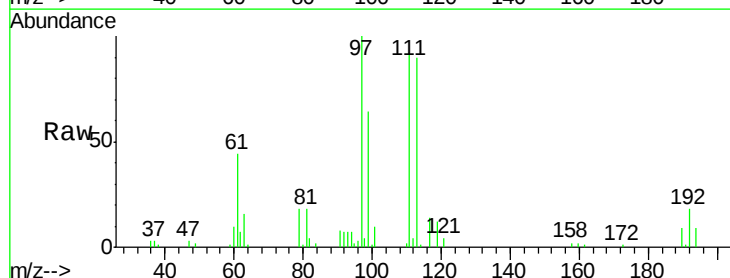
Tgt Ion: 97 Resp: 57775

Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

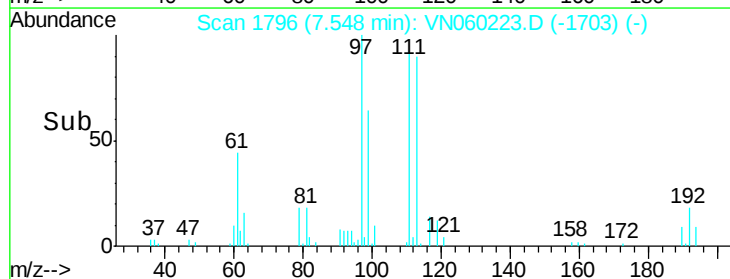
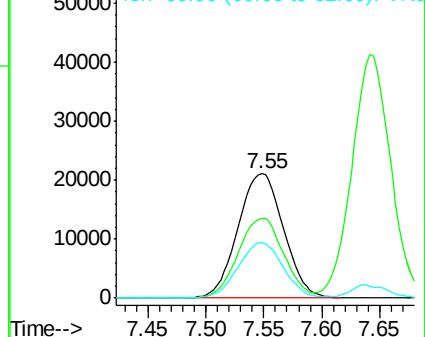
61 44.1 34.9 52.3

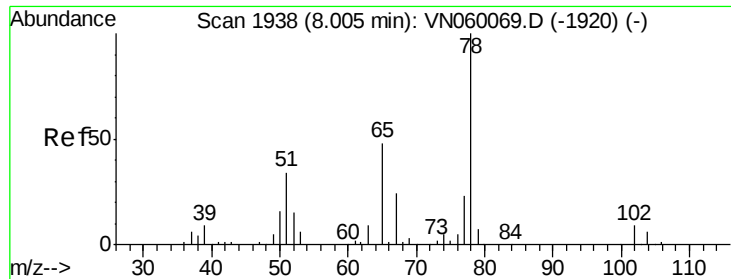


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

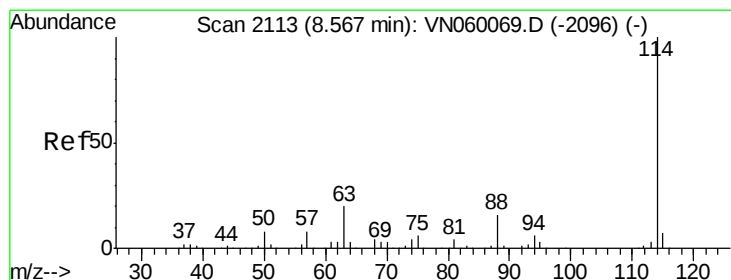
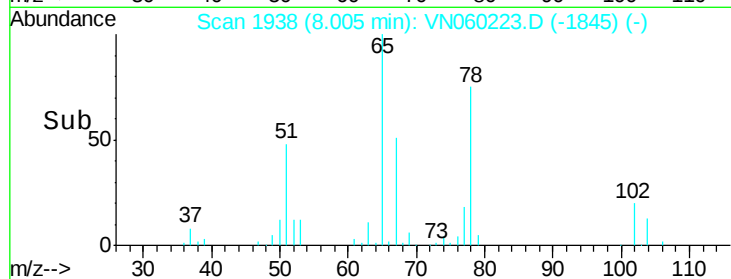
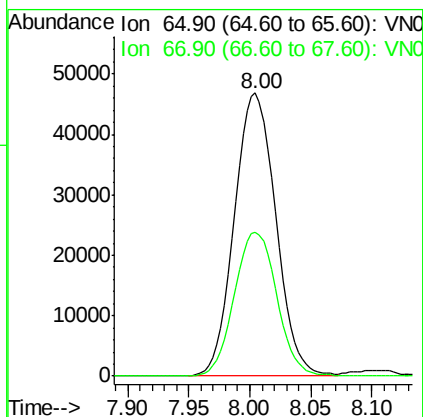
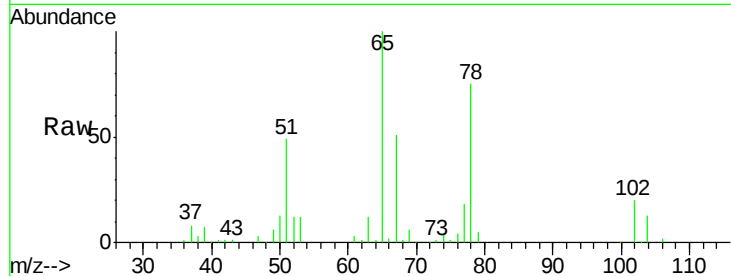




#33
 1,2-Dichloroethane-d4
 Concen: 50.42 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

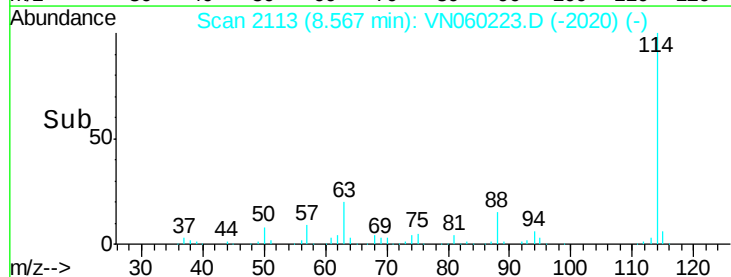
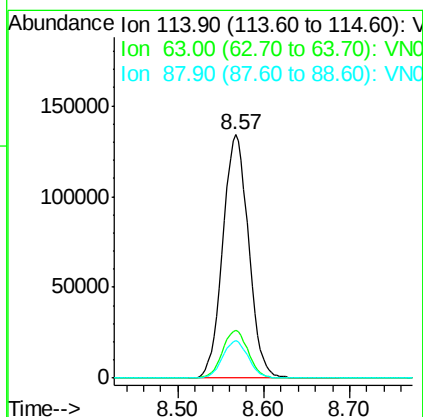
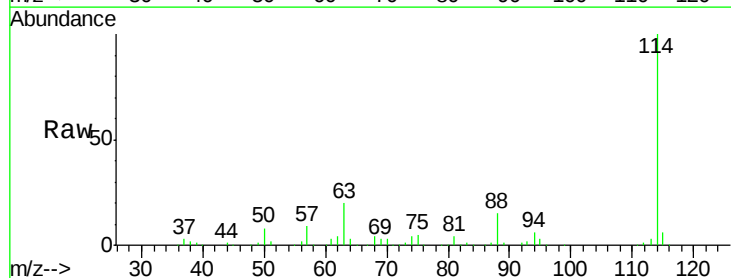
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

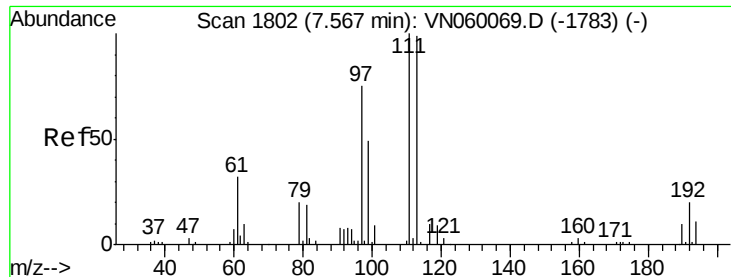
Tgt Ion: 65 Resp: 110643
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 114 Resp: 280323
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.2 0.0 31.6

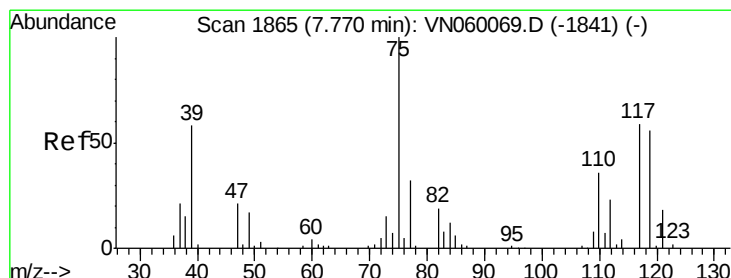
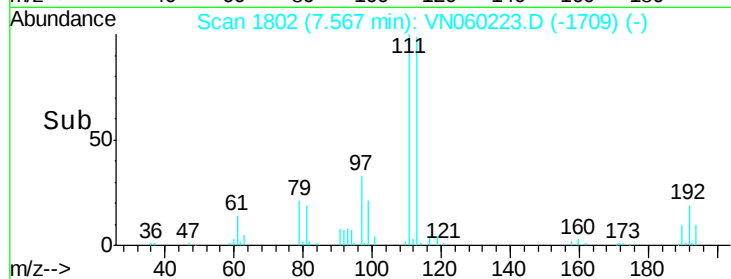
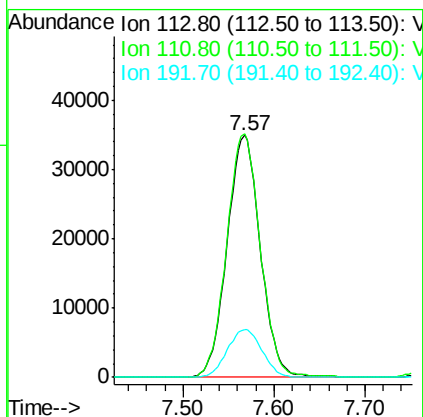
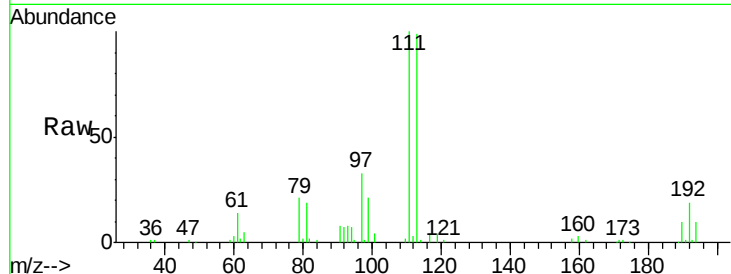




#35
 Dibromofluoromethane
 Concen: 51.48 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

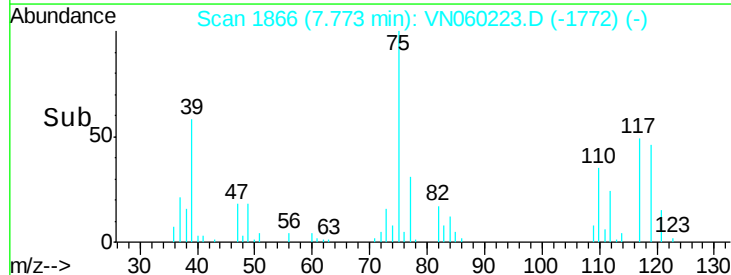
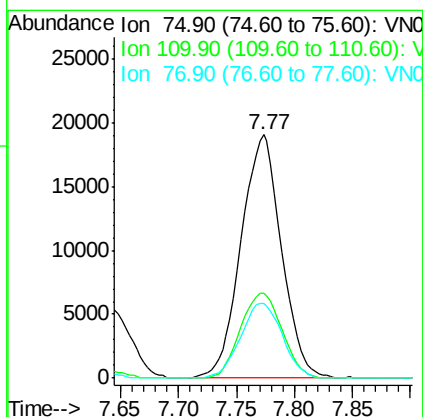
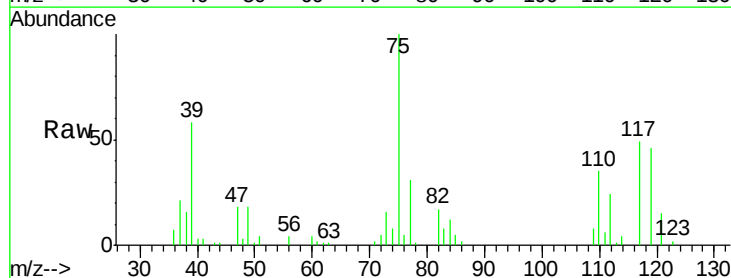
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

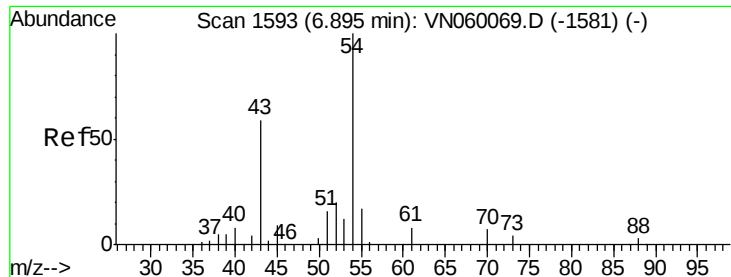
Tgt Ion: 113 Resp: 88706
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.2
 192 20.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.83 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 75 Resp: 46282
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.3
 77 31.8 25.1 37.7

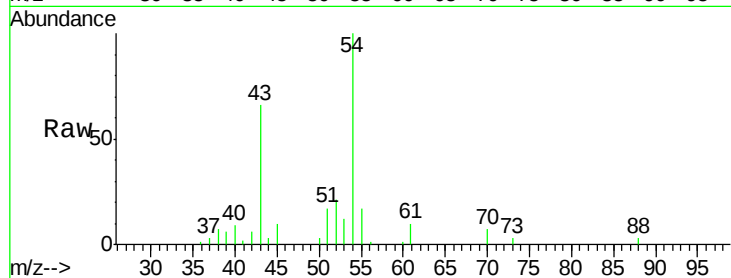




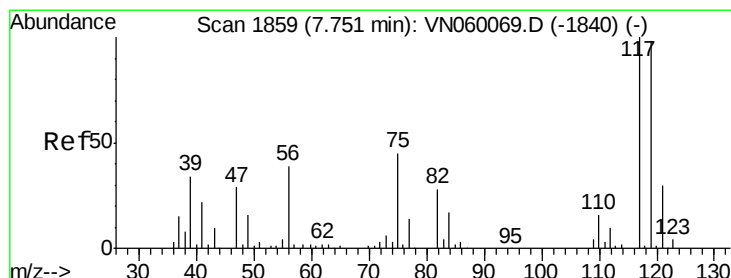
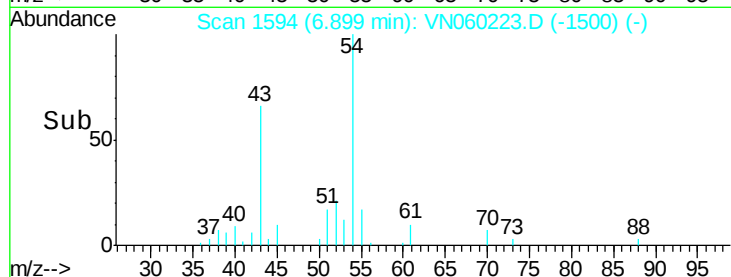
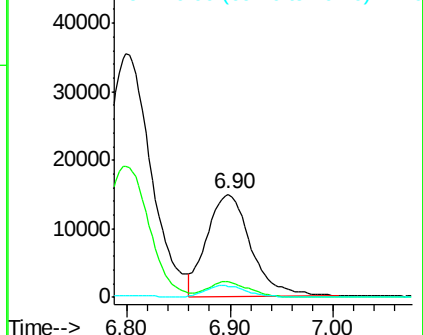
#37
 Ethyl Acetate
 Concen: 18.68 ug/l
 RT: 6.90 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion: 43 Resp: 43835
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.4 17.2
 70 10.9 8.7 13.1

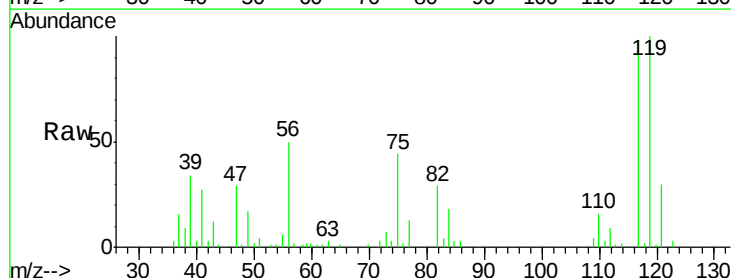


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

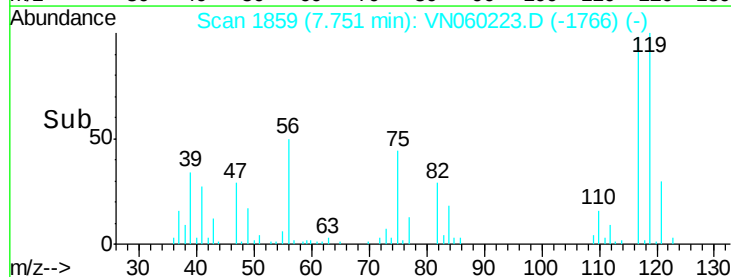
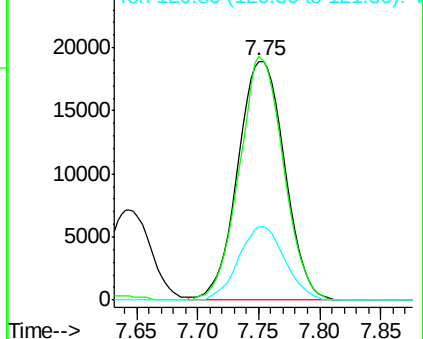


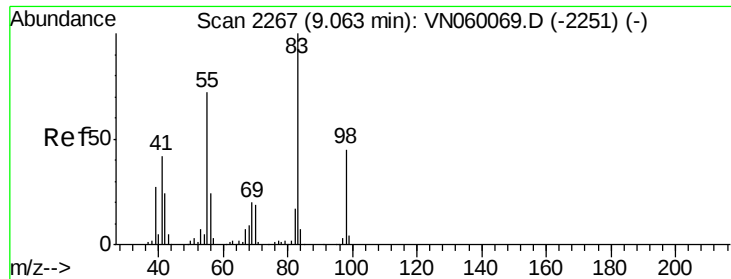
#38
 Carbon Tetrachloride
 Concen: 17.87 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 117 Resp: 50399
 Ion Ratio Lower Upper
 117 100
 119 101.9 78.2 117.4
 121 30.6 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

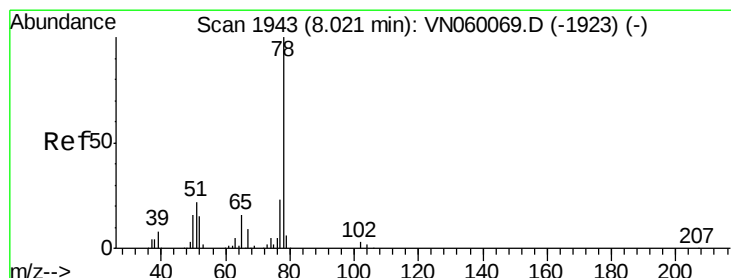
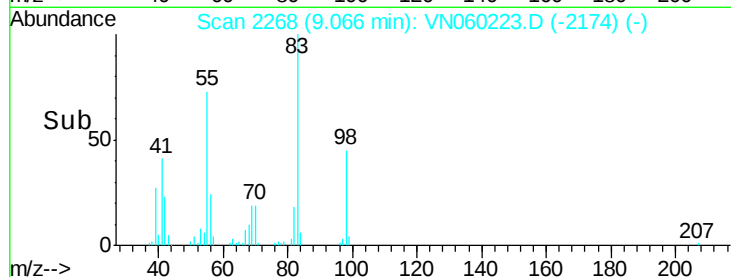
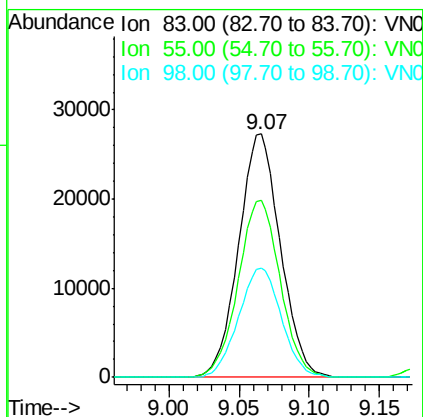
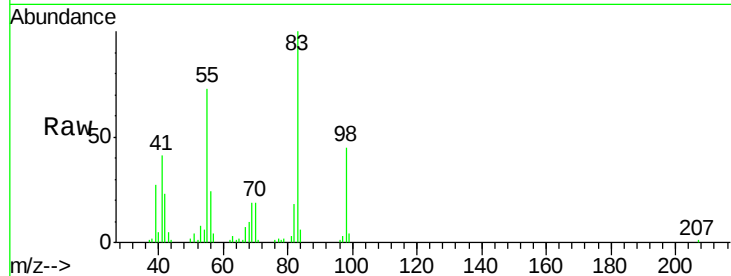




#39
Methylcyclohexane
Concen: 17.54 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

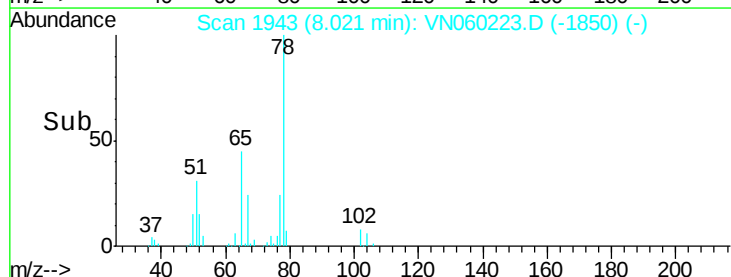
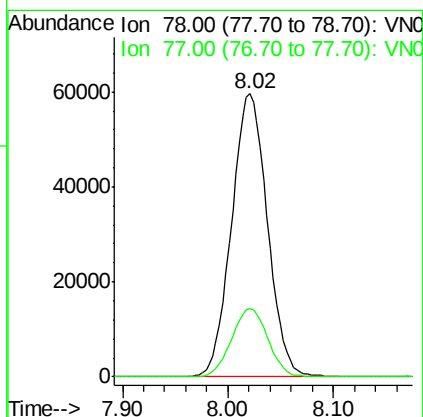
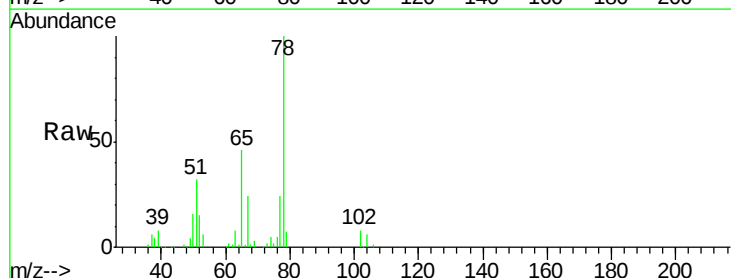
Instrument :
MSVOA_N
ClientSampled :
VN0225WBSD01

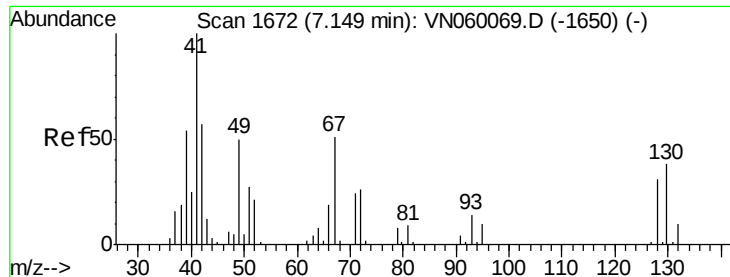
Tgt Ion: 83 Resp: 56519
Ion Ratio Lower Upper
83 100
55 72.9 57.8 86.8
98 45.1 36.4 54.6



#40
Benzene
Concen: 18.24 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 78 Resp: 140497
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

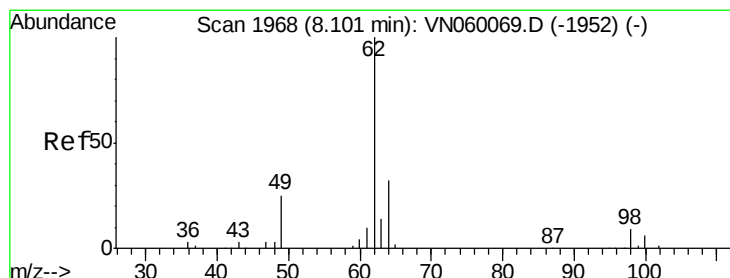
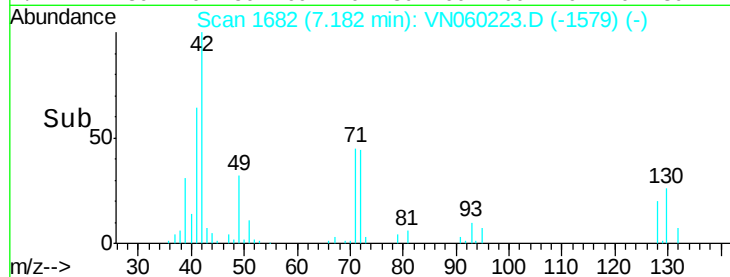
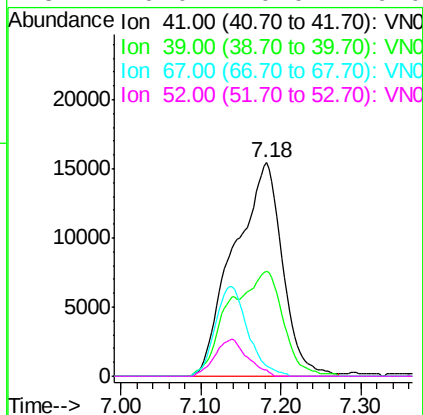
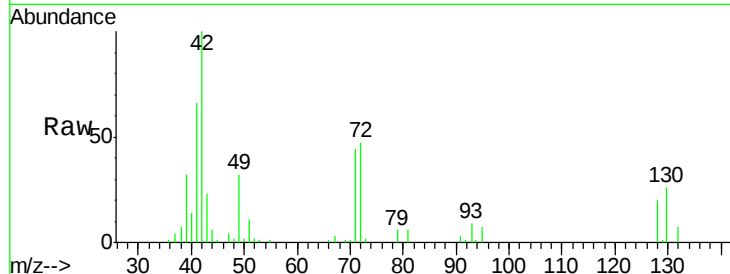




#41
Methacrylonitrile
Concen: 65.21 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

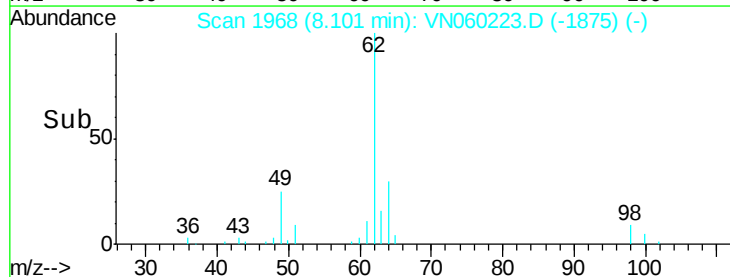
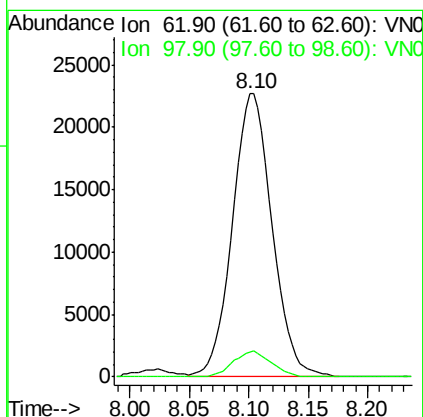
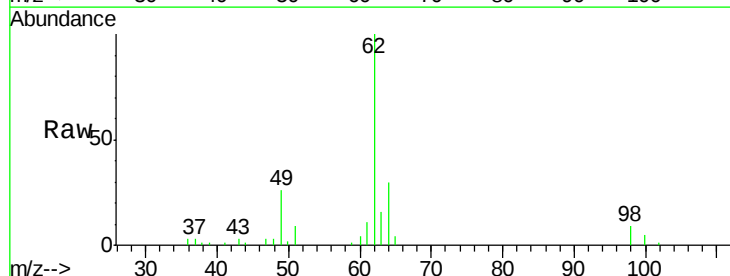
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

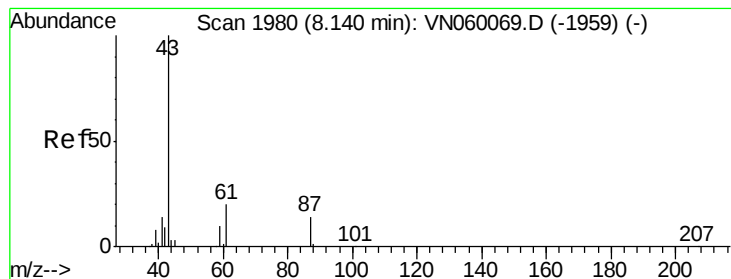
Tgt Ion:	41	Resp:	64171
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.40 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion:	62	Resp:	52378
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.91 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

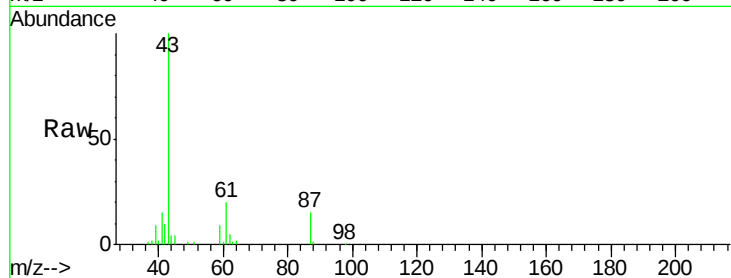
Tgt Ion: 43 Resp: 75856

Ion Ratio Lower Upper

43 100

61 27.2 21.8 32.6

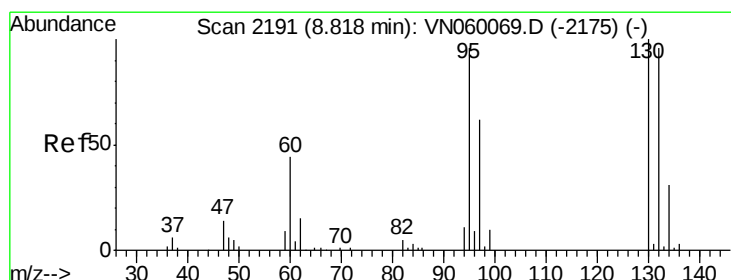
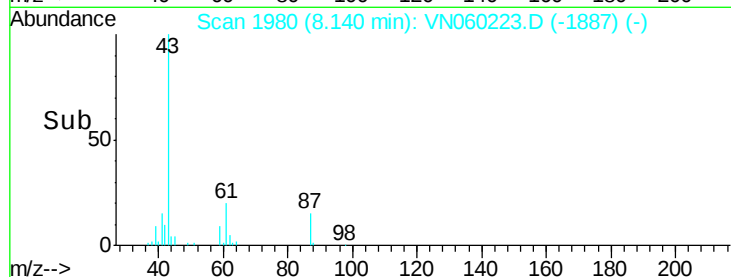
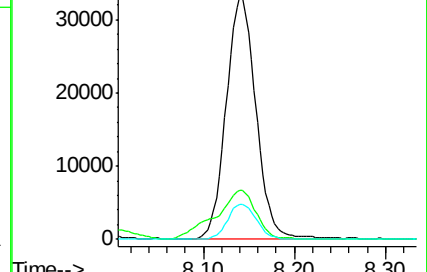
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#44

Trichloroethene

Concen: 18.16 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060223.D

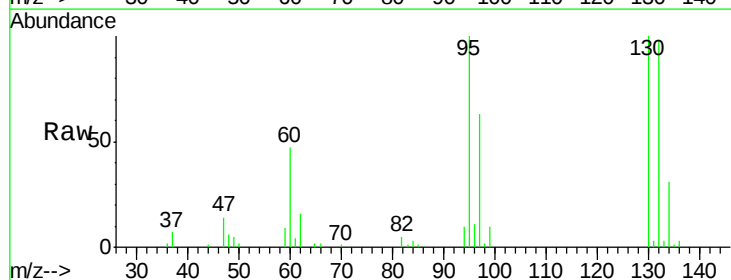
Acq: 25 Feb 2020 11:03

Tgt Ion: 130 Resp: 38739

Ion Ratio Lower Upper

130 100

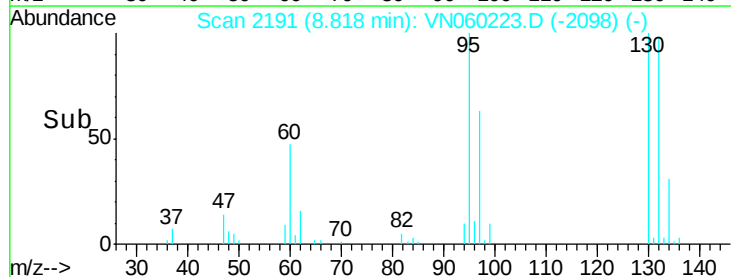
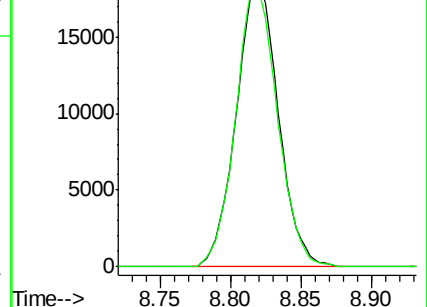
95 99.6 0.0 192.4

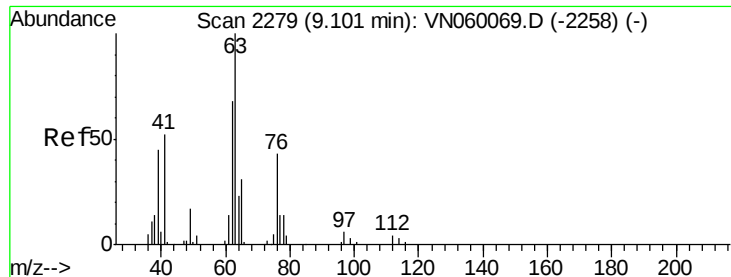


Abundance Ion 129.80 (129.50 to 130.50): VN060069.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060069.D (-2175) (-)

Ion 130.00 (129.70 to 130.30): VN060069.D (-2175) (-)

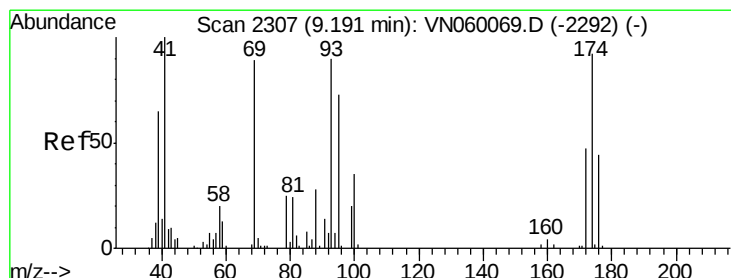
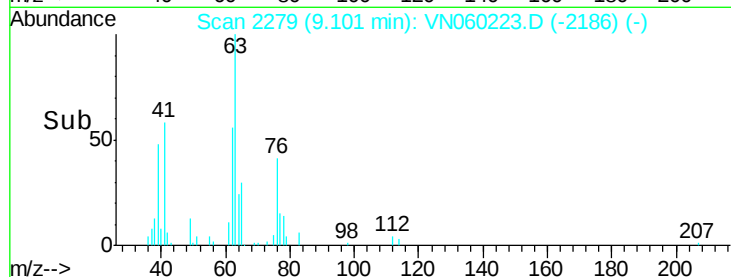
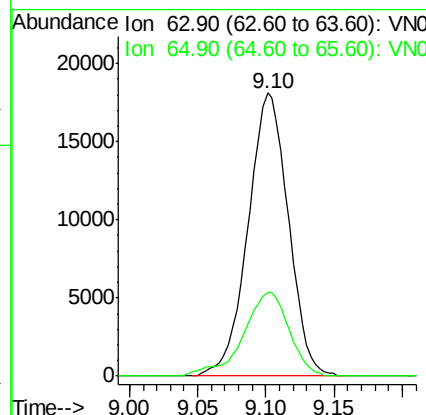
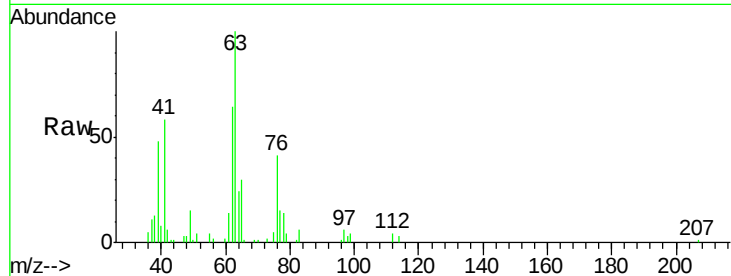




#45
 1,2-Dichloropropane
 Concen: 19.49 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

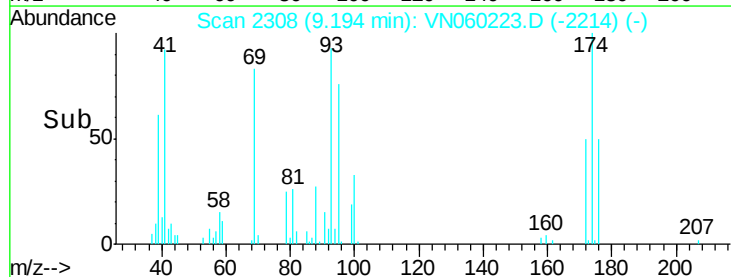
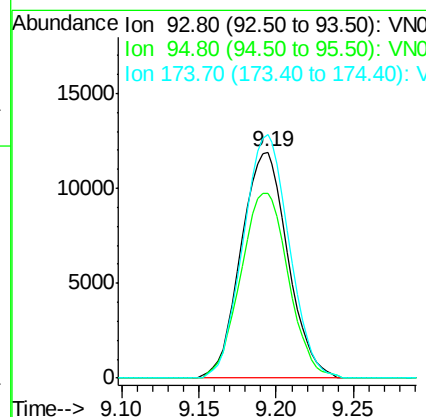
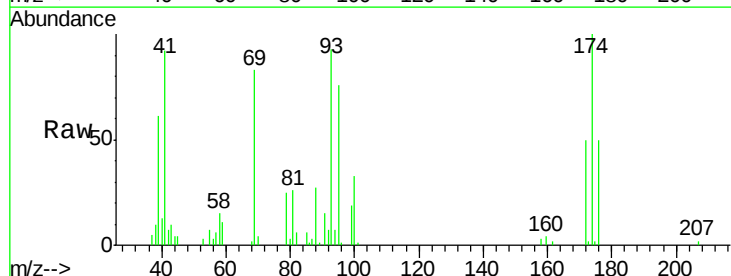
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion: 63 Resp: 37167
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.4



#46
 Dibromomethane
 Concen: 18.62 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 93 Resp: 25090
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.0 97.6
 174 106.1 82.3 123.5

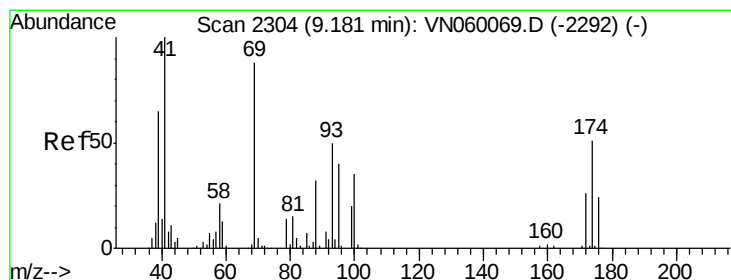
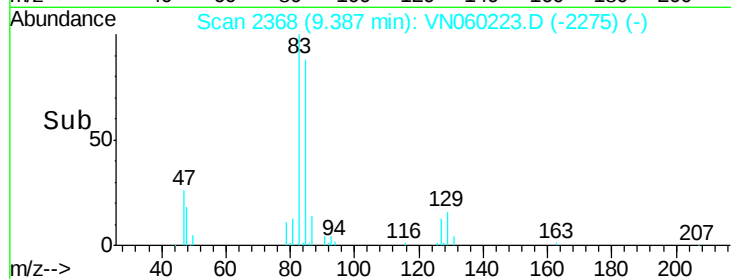
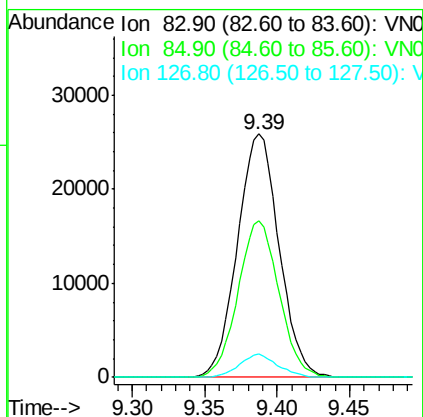
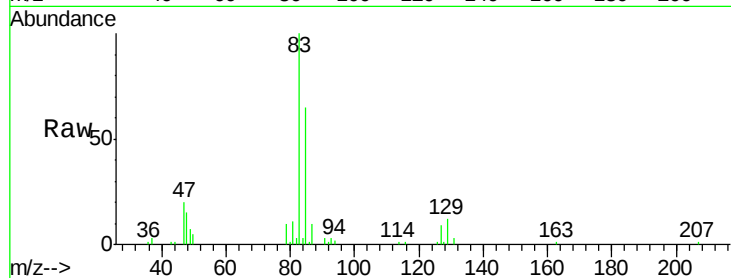




#47
Bromodichloromethane
Concen: 18.84 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

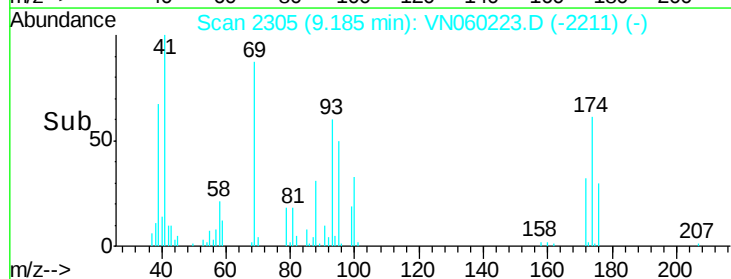
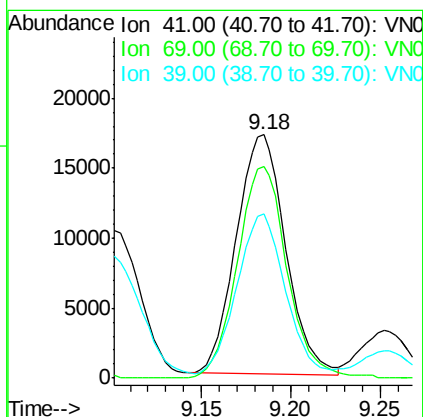
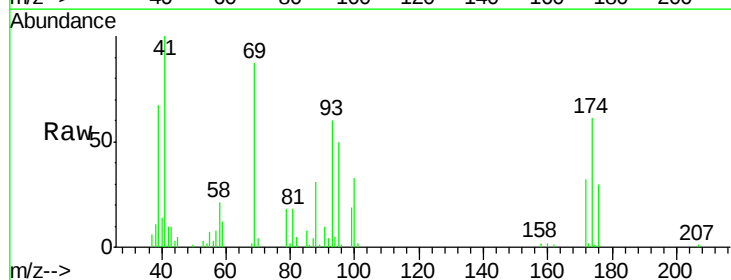
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

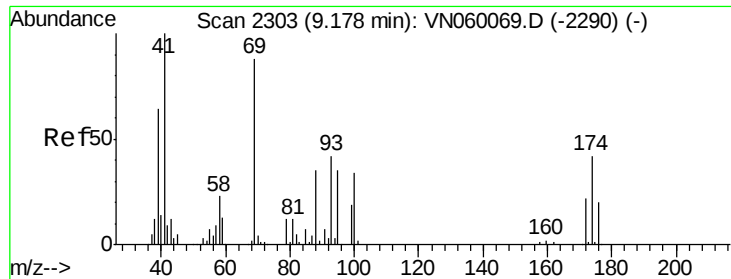
Tgt Ion: 83 Resp: 51605
Ion Ratio Lower Upper
83 100
85 64.5 50.6 75.8
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 18.39 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 41 Resp: 33094
Ion Ratio Lower Upper
41 100
69 89.1 72.0 108.0
39 67.0 54.1 81.1

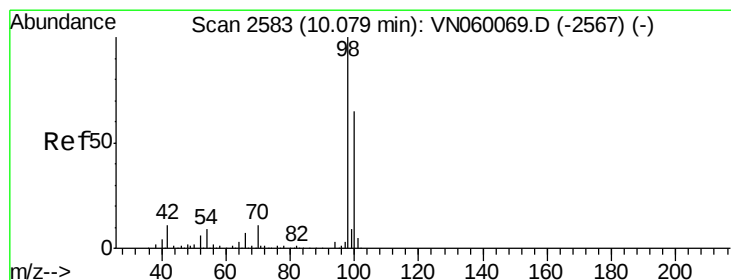
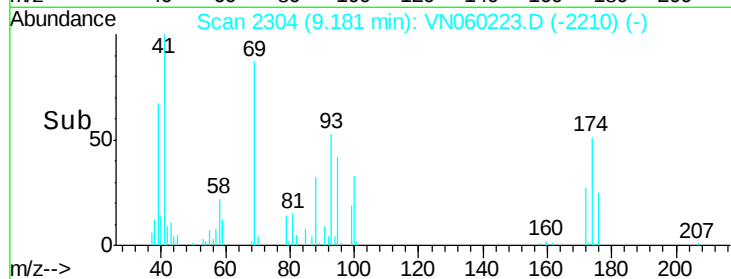
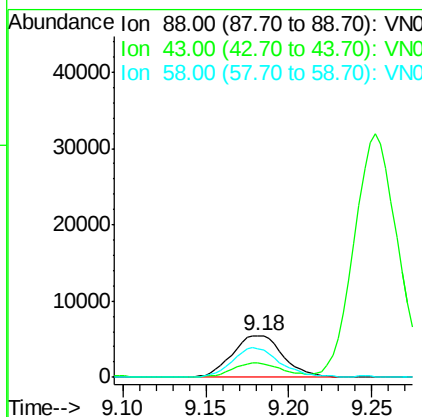
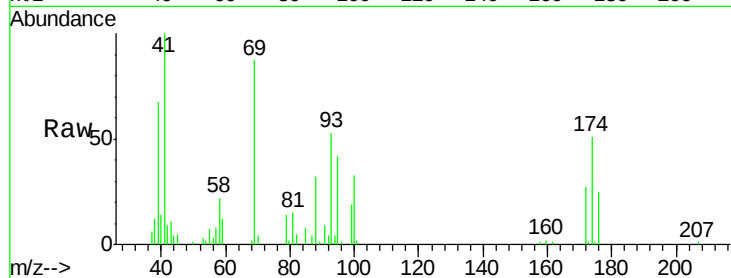




#49
1,4-Dioxane
Concen: 381.13 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

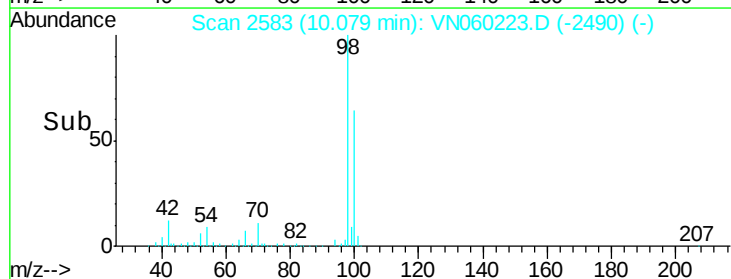
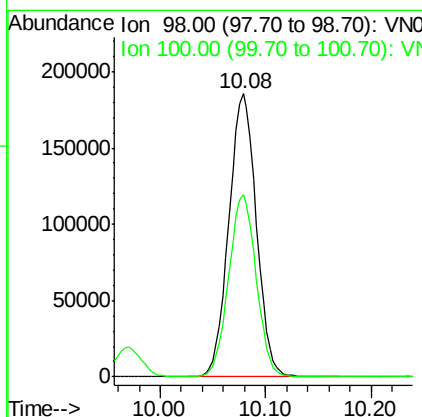
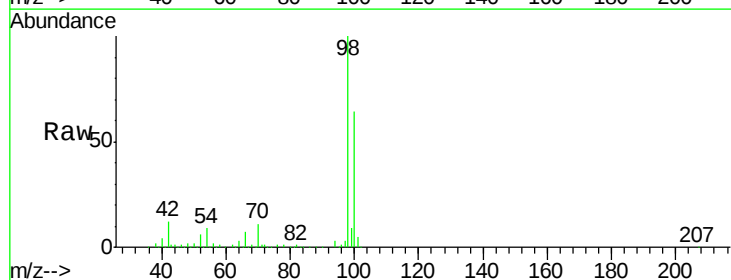
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 88 Resp: 11720
Ion Ratio Lower Upper
88 100
43 33.9 26.2 39.2
58 66.5 53.2 79.8



#50
Toluene-d8
Concen: 49.28 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 98 Resp: 334428
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

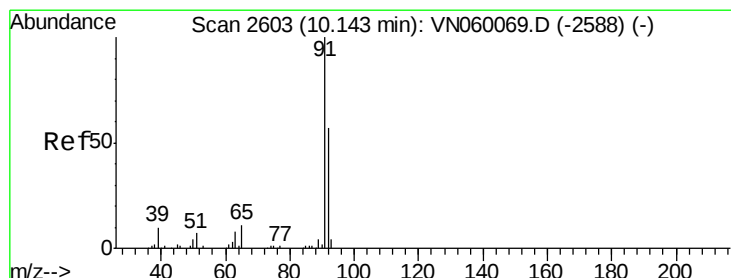
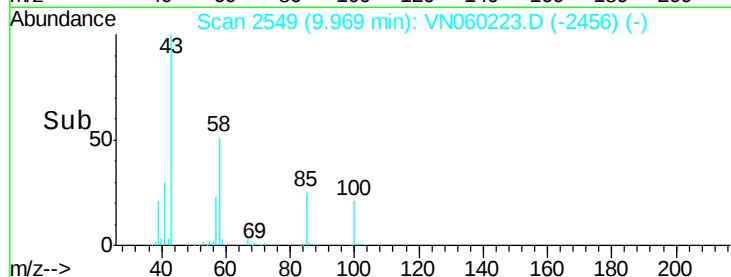
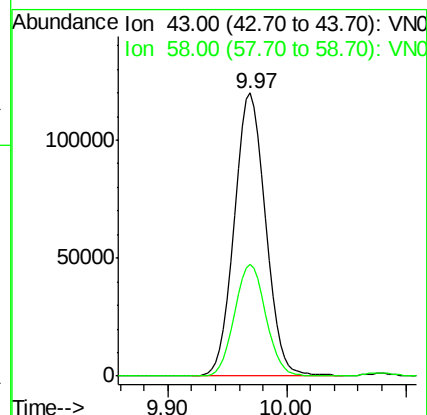
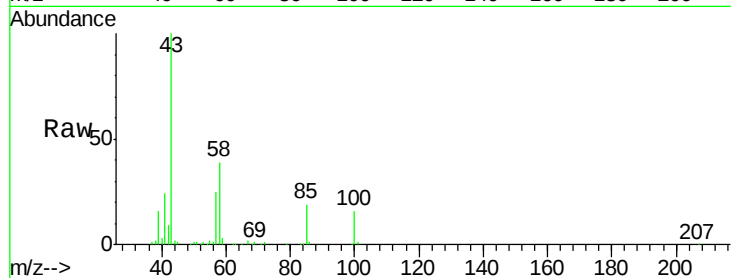




#51
 4-Methyl-2-Pentanone
 Concen: 94.34 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

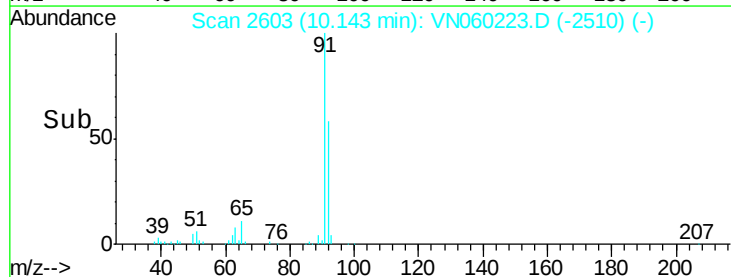
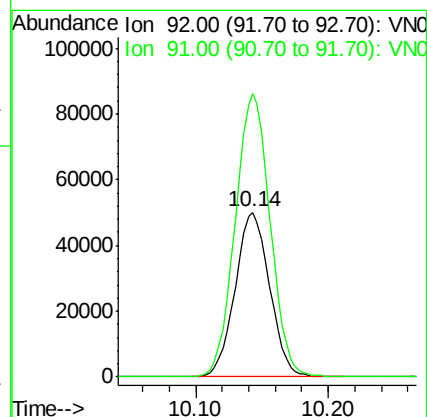
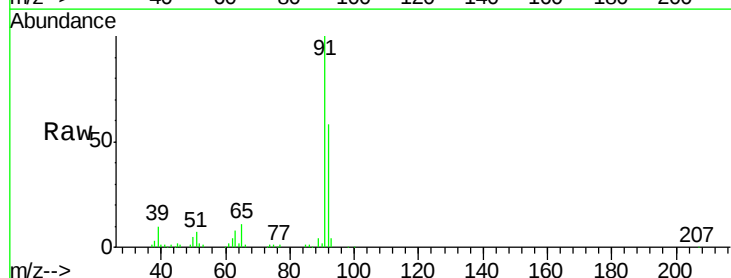
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBSD01

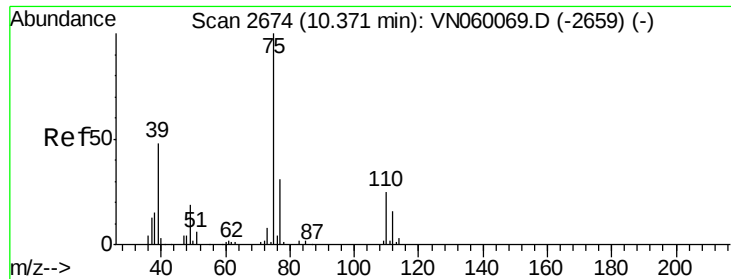
Tgt Ion: 43 Resp: 219030
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.8



#52
 Toluene
 Concen: 18.32 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 92 Resp: 90492
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.61 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampled :

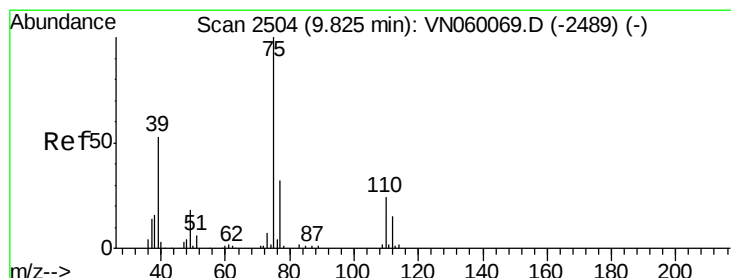
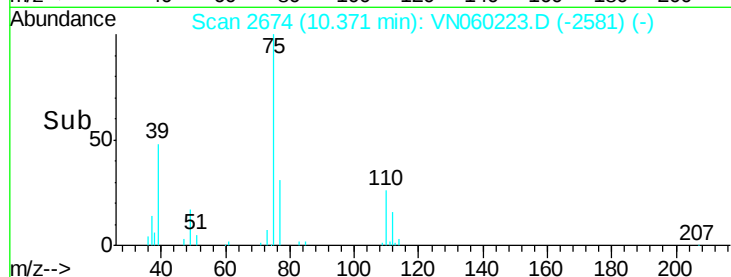
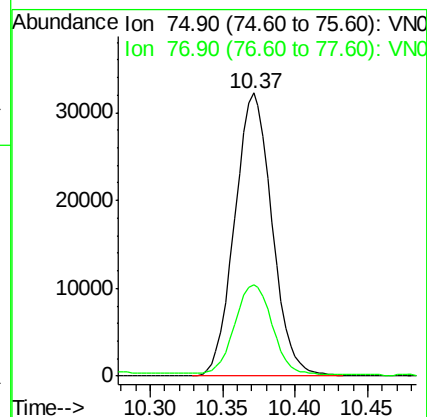
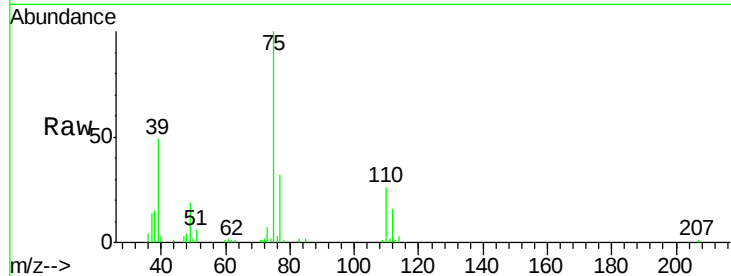
VN0225WBSD01

Tgt Ion: 75 Resp: 57557

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.84 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

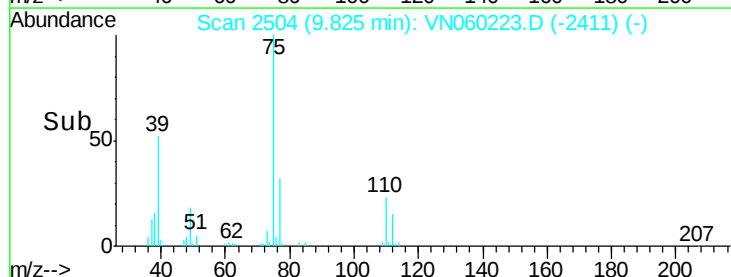
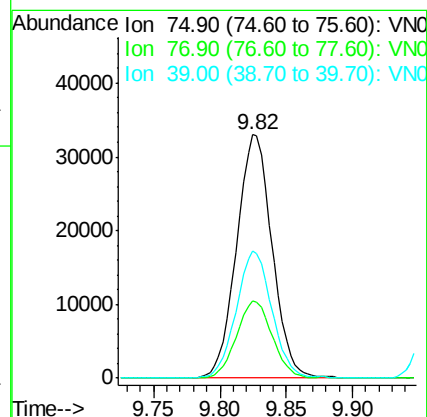
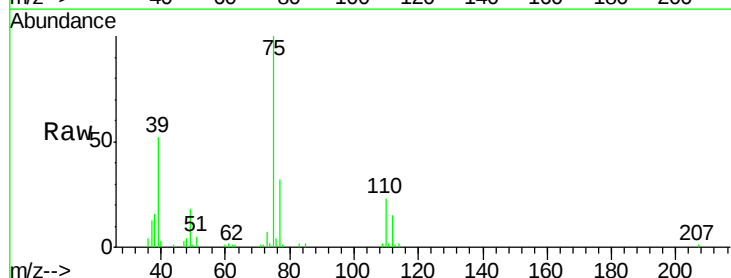
Tgt Ion: 75 Resp: 61354

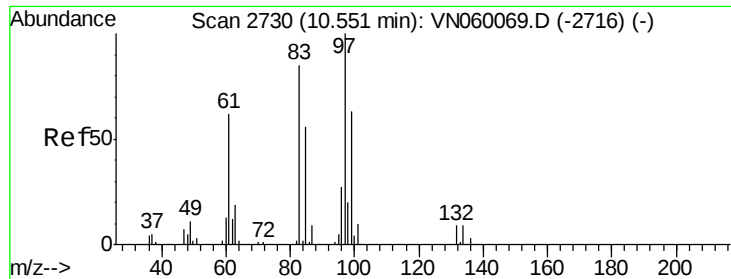
Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 52.1 42.2 63.4

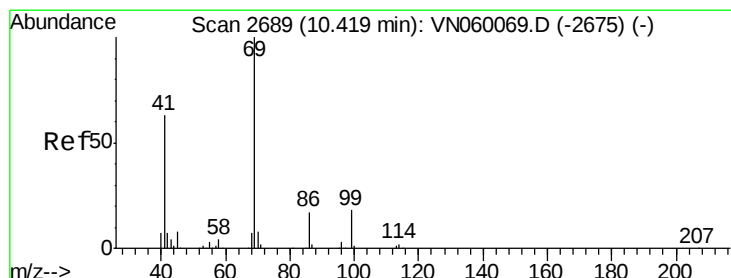
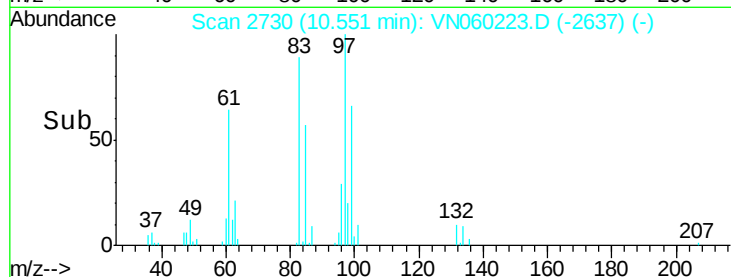
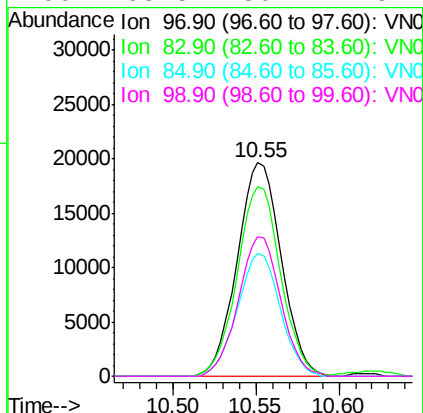
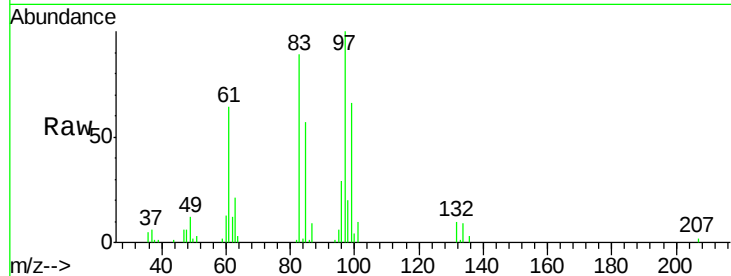




#55
 1,1,2-Trichloroethane
 Concen: 18.86 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

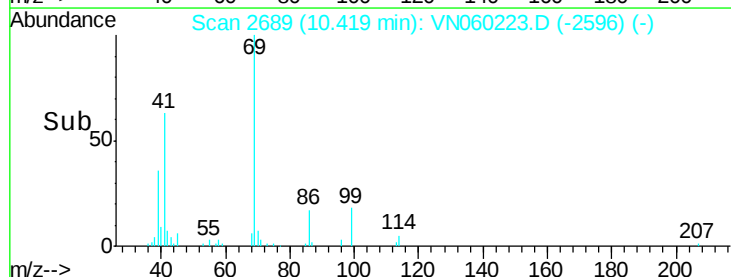
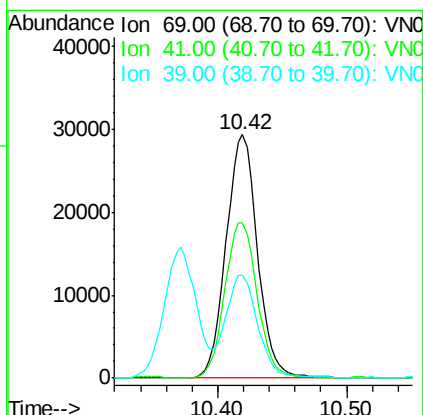
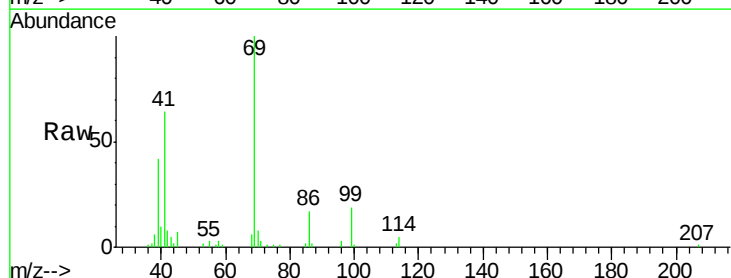
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

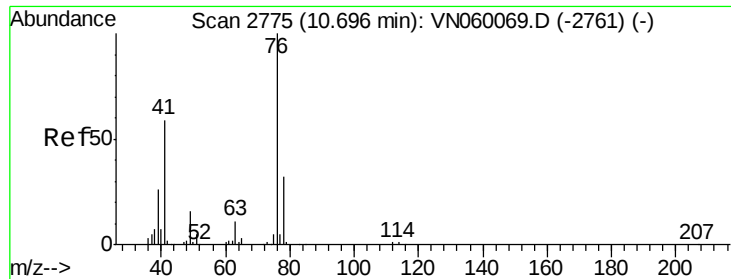
Tgt Ion: 97 Resp: 36349
 Ion Ratio Lower Upper
 97 100
 83 88.8 67.9 101.9
 85 57.4 44.6 67.0
 99 65.5 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 18.25 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 69 Resp: 49741
 Ion Ratio Lower Upper
 69 100
 41 65.9 51.1 76.7
 39 41.8 33.8 50.8

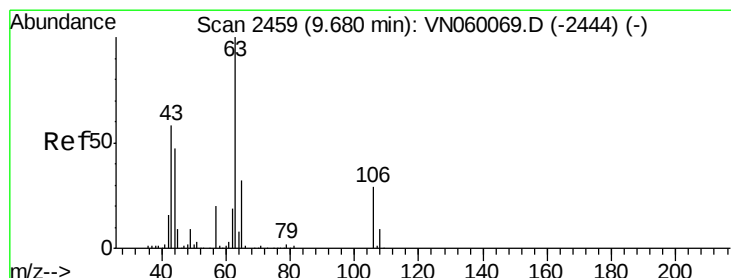
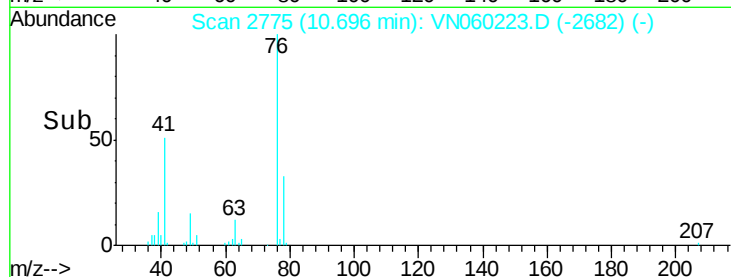
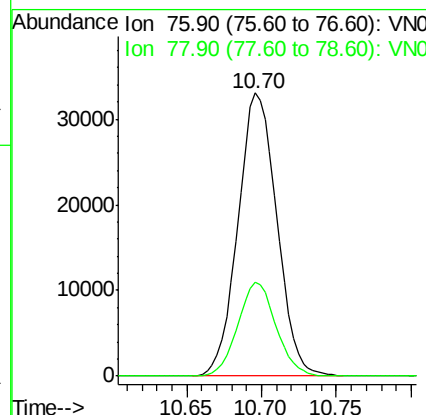
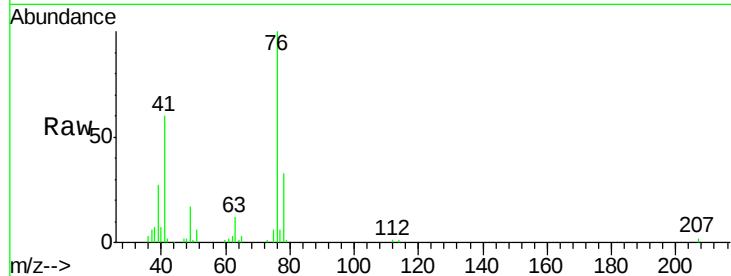




#57
 1,3-Dichloropropane
 Concen: 18.79 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

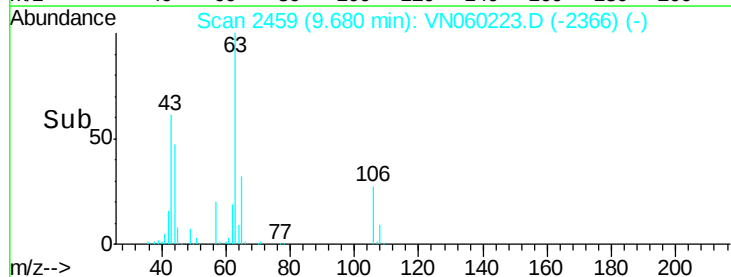
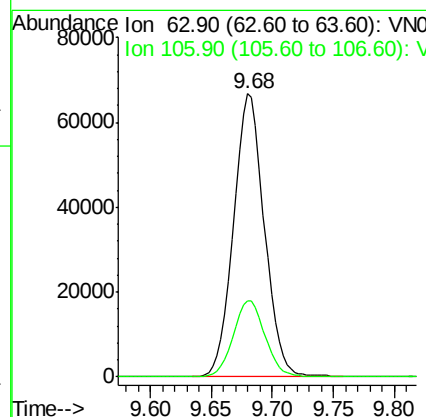
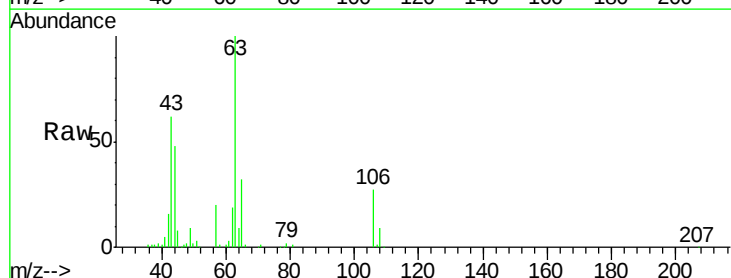
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

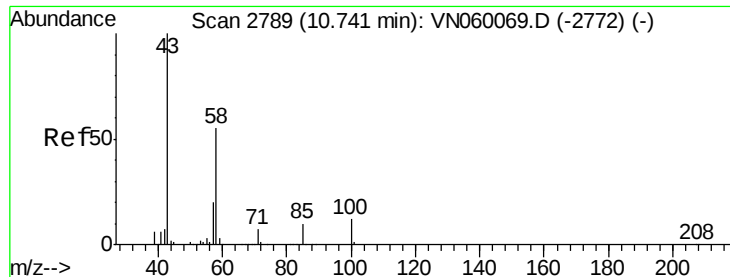
Tgt Ion: 76 Resp: 59758
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.57 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 63 Resp: 117545
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.9 34.3

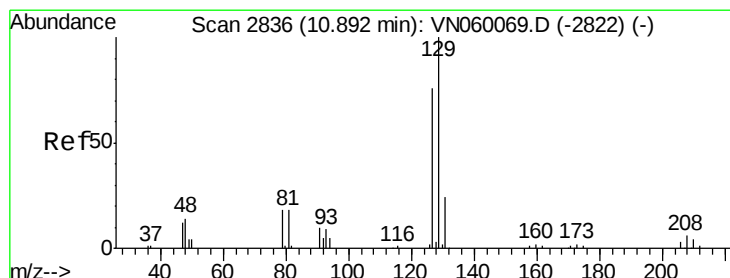
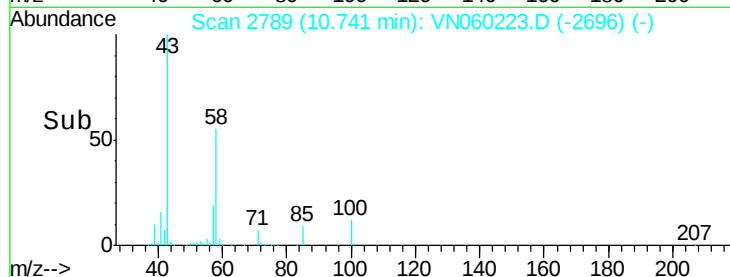
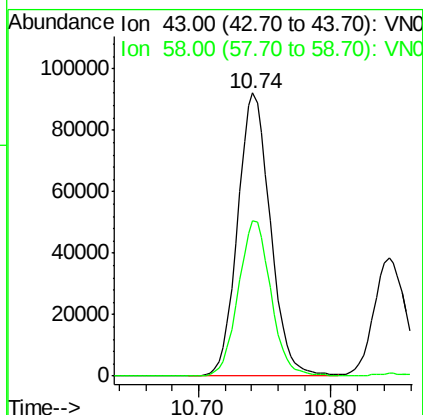
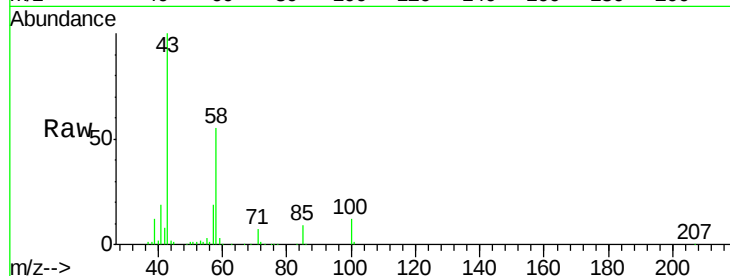




#59
2-Hexanone
Concen: 88.25 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

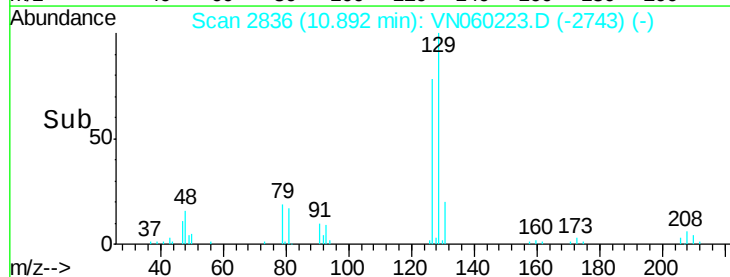
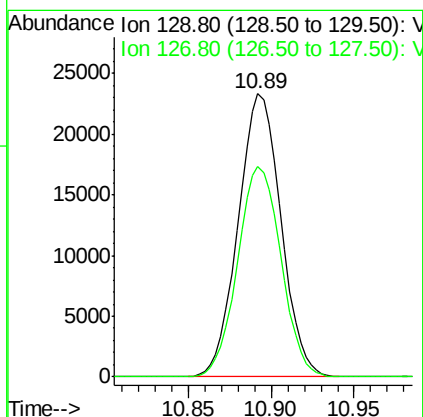
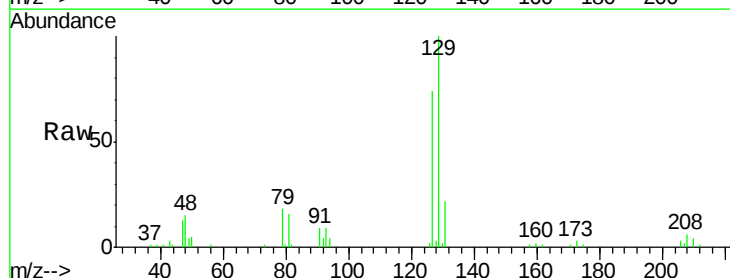
Instrument :
MSVOA_N
ClientSampled :
VN0225WBSD01

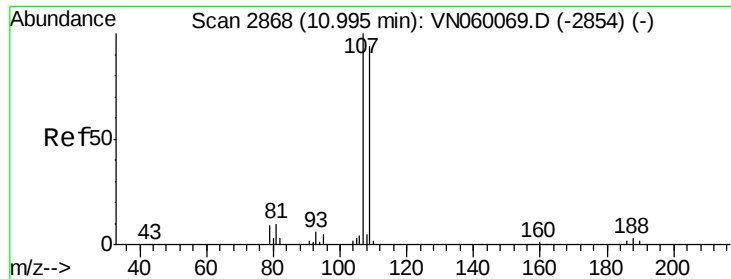
Tgt Ion: 43 Resp: 158280
Ion Ratio Lower Upper
43 100
58 54.7 27.5 82.4



#60
Dibromochloromethane
Concen: 18.95 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion: 129 Resp: 41892
Ion Ratio Lower Upper
129 100
127 75.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 18.73 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

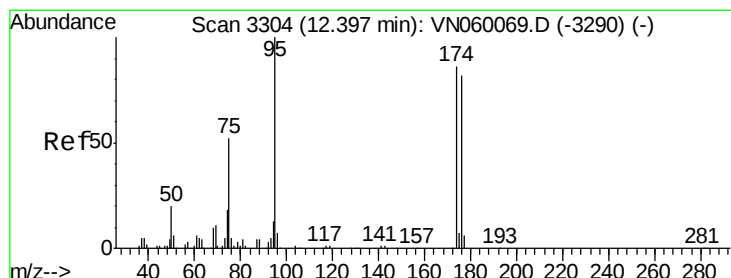
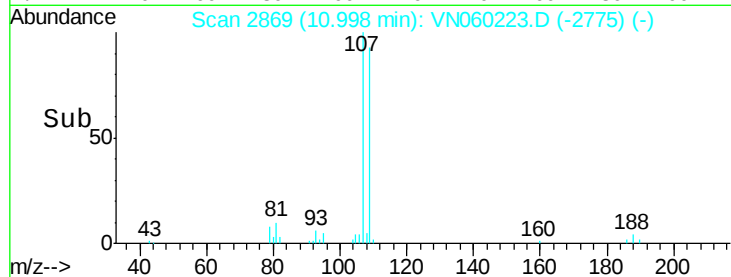
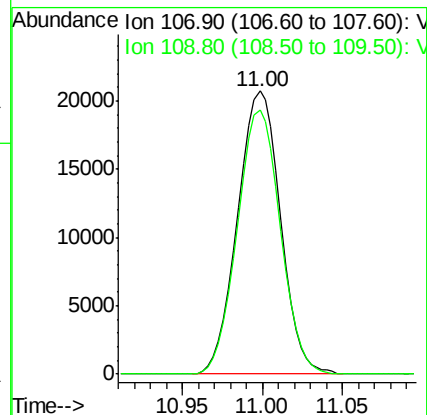
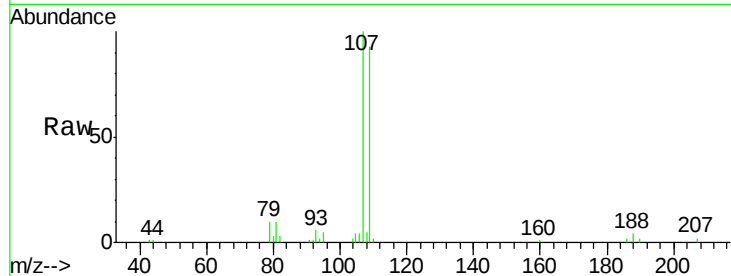
VN0225WBSD01

Tgt Ion:107 Resp: 37826

Ion Ratio Lower Upper

107 100

109 93.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 48.85 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

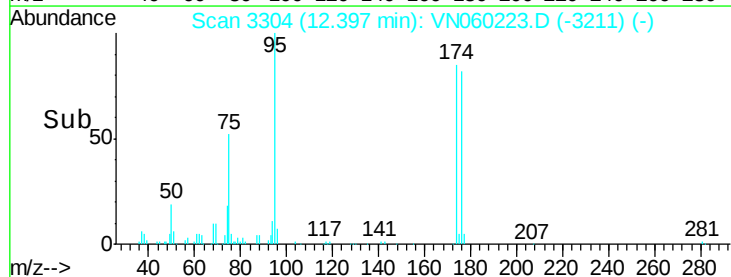
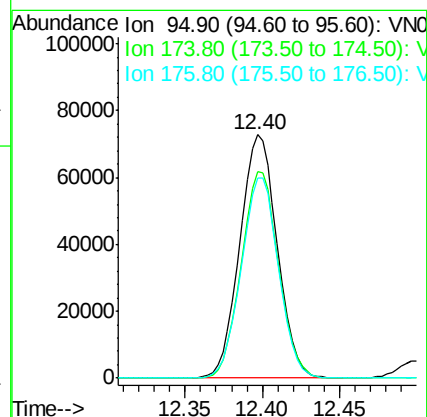
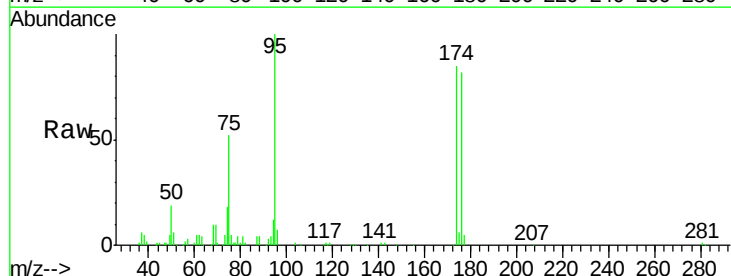
Tgt Ion: 95 Resp: 121804

Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.8

176 82.3 0.0 164.8

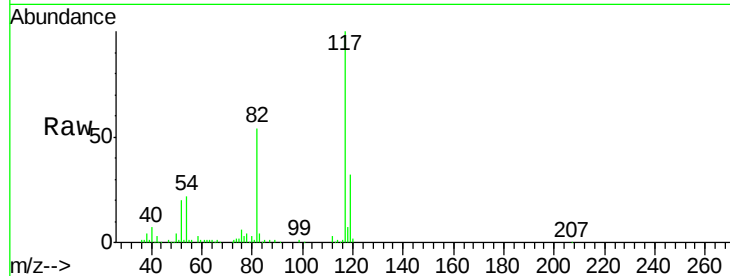




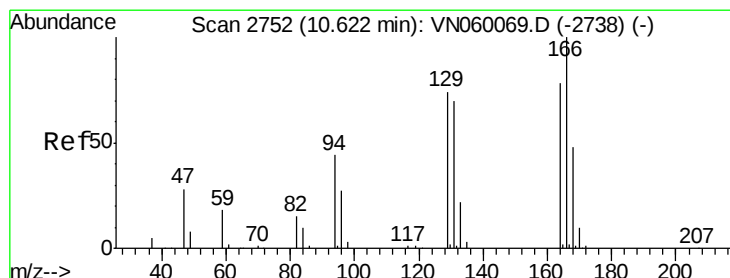
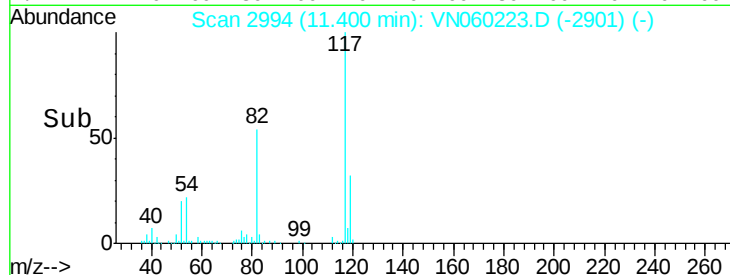
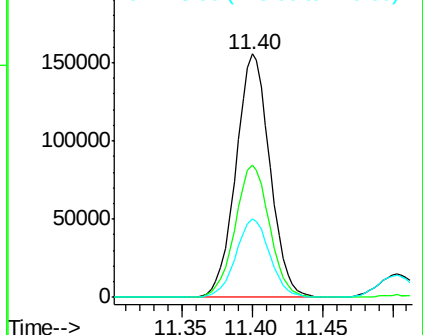
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:117 Resp: 262183
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.0 25.8 38.6



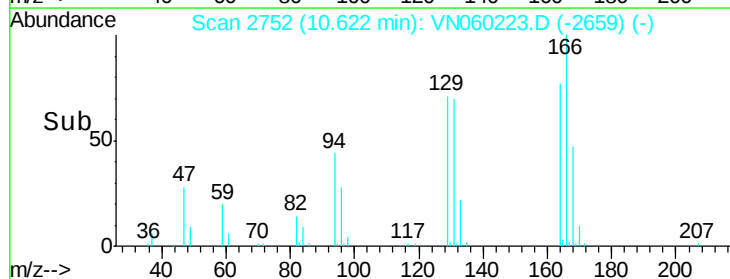
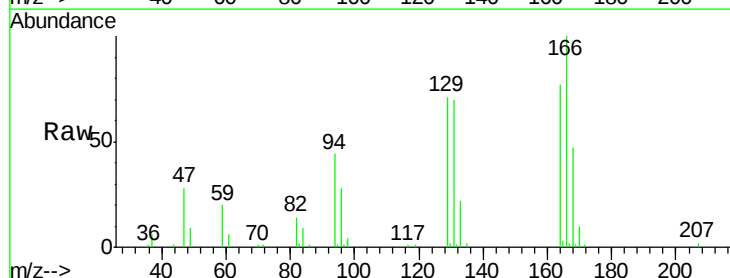
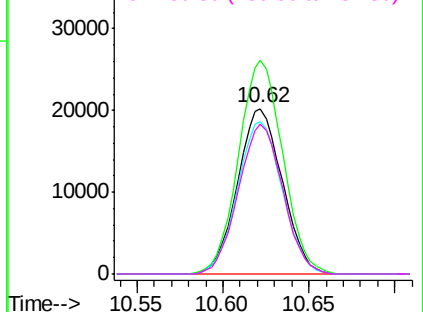
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

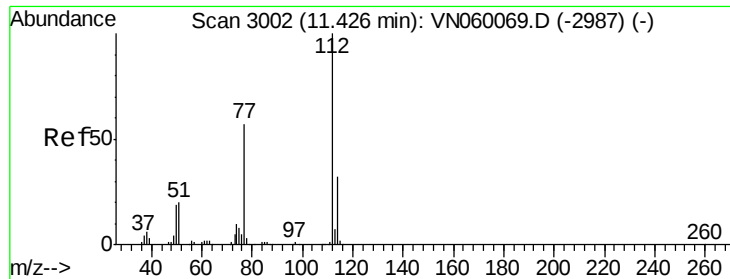


#64
Tetrachloroethene
Concen: 18.33 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion:164 Resp: 36528
Ion Ratio Lower Upper
164 100
166 129.3 101.9 152.9
129 91.9 75.4 113.0
131 90.3 71.4 107.2

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

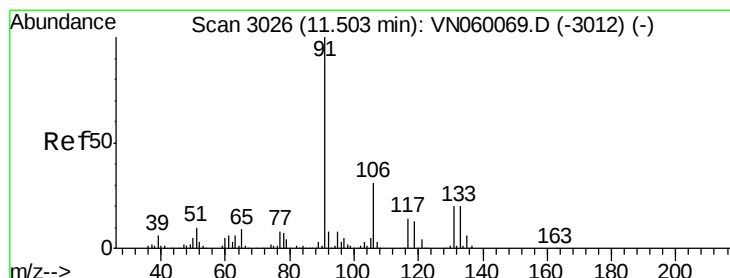
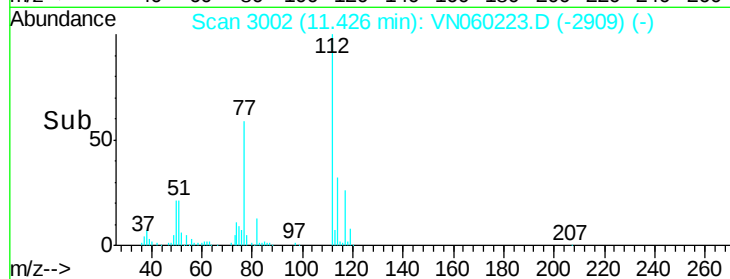
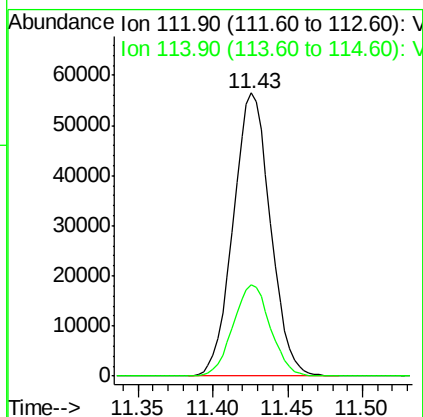
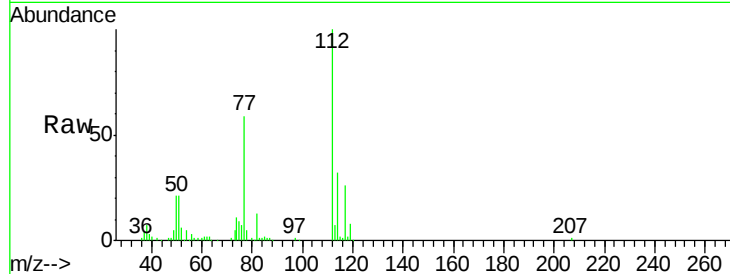




#65
Chlorobenzene
Concen: 18.31 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

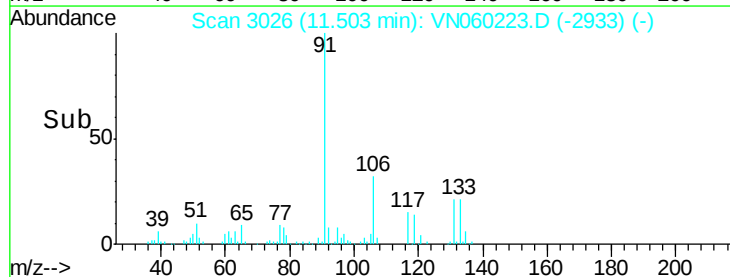
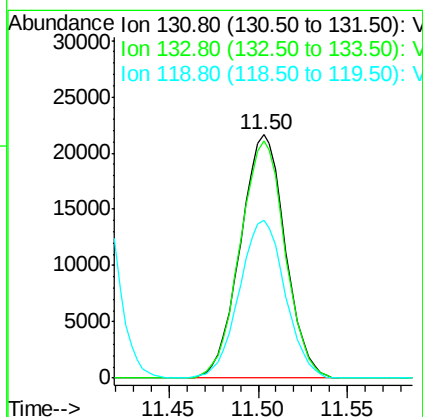
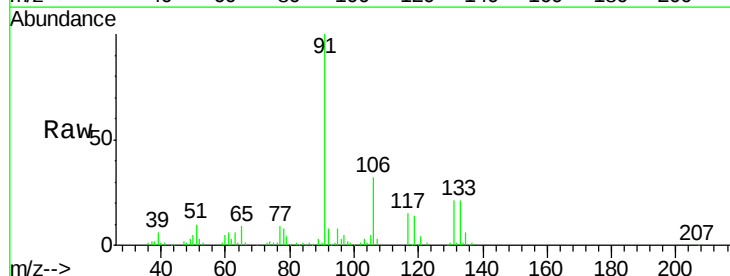
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

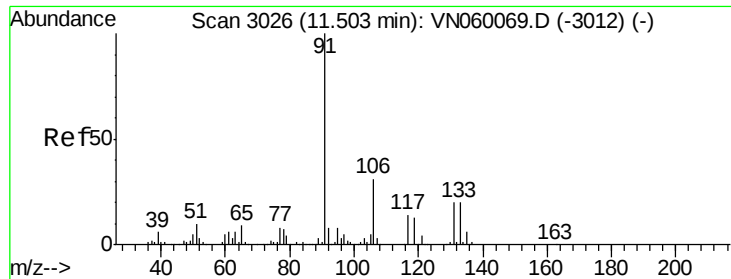
Tgt Ion:112 Resp: 97800
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.75 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion:131 Resp: 37888
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.7
119 66.3 32.6 97.7





#67

Ethyl Benzene

Concen: 18.19 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

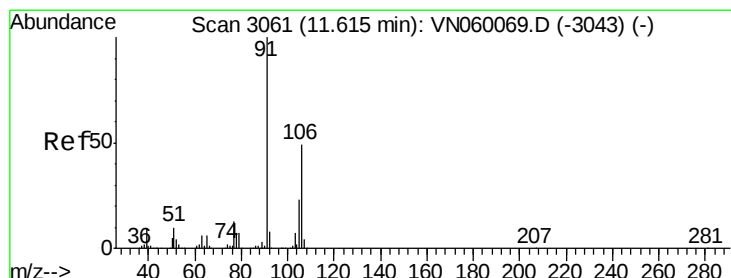
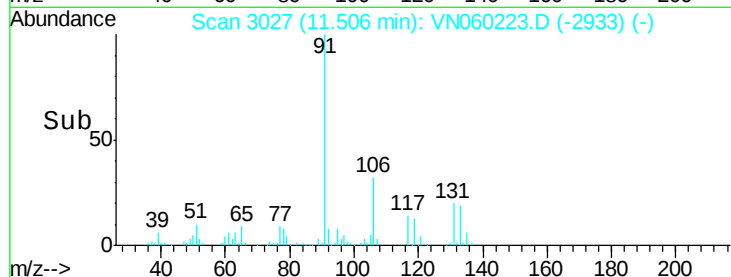
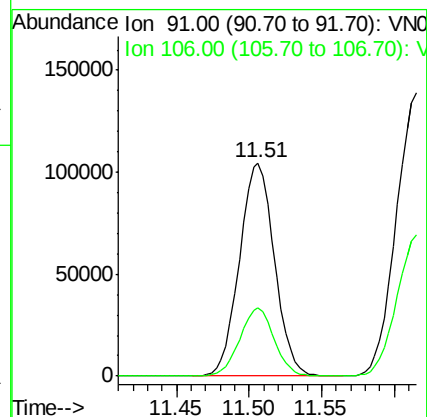
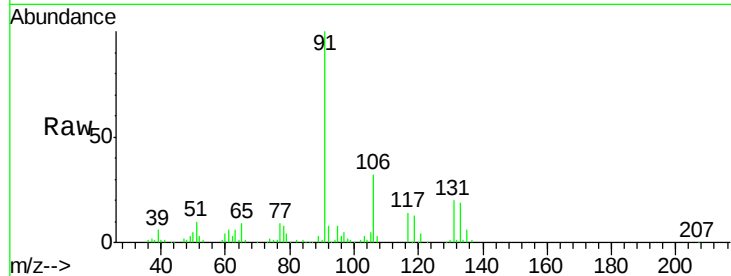
VN0225WBSD01

Tgt Ion: 91 Resp: 175221

Ion Ratio Lower Upper

91 100

106 32.2 25.1 37.7



#68

m/p-Xylenes

Concen: 36.31 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060223.D

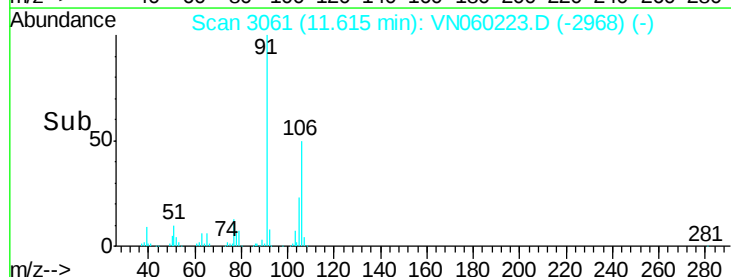
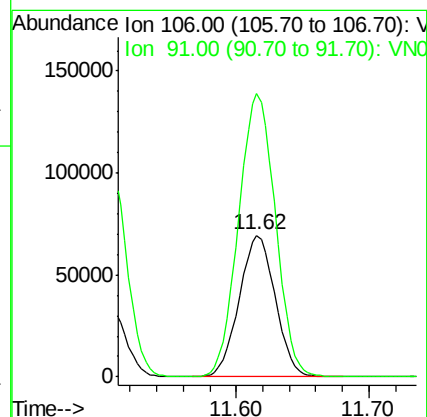
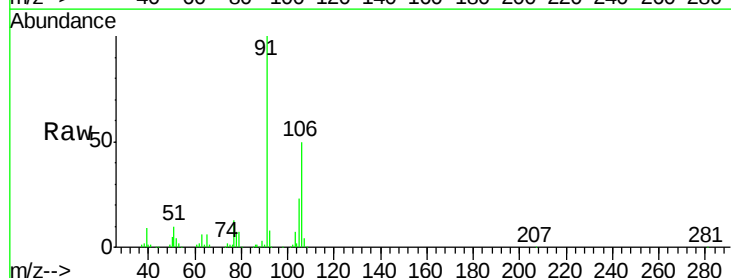
Acq: 25 Feb 2020 11:03

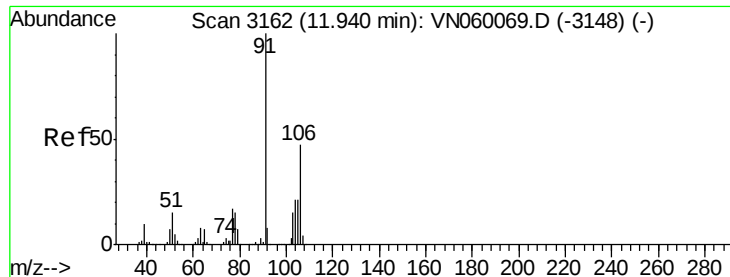
Tgt Ion: 106 Resp: 131289

Ion Ratio Lower Upper

106 100

91 203.4 162.7 244.1

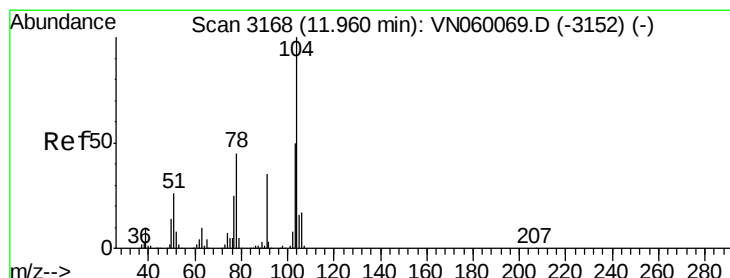
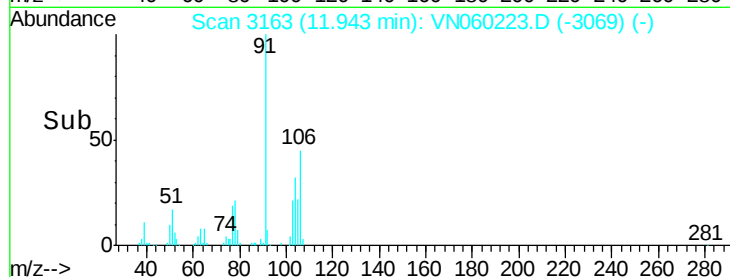
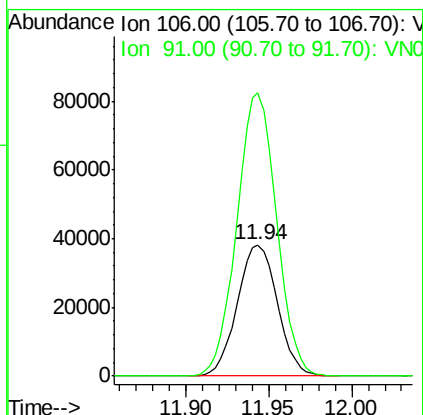
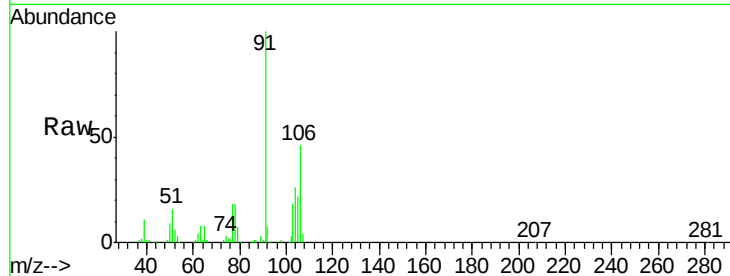




#69
o-Xylene
Concen: 18.43 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

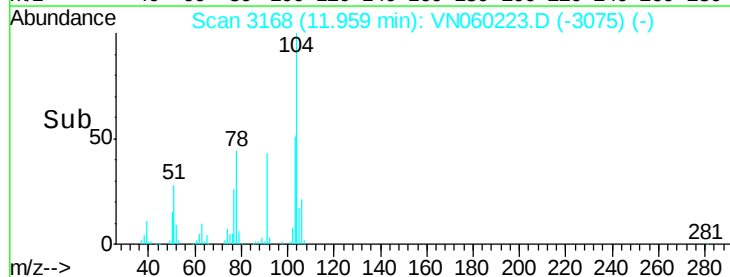
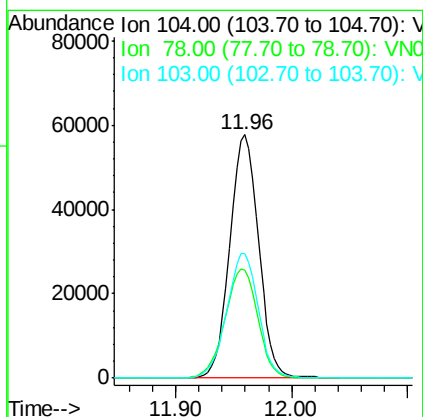
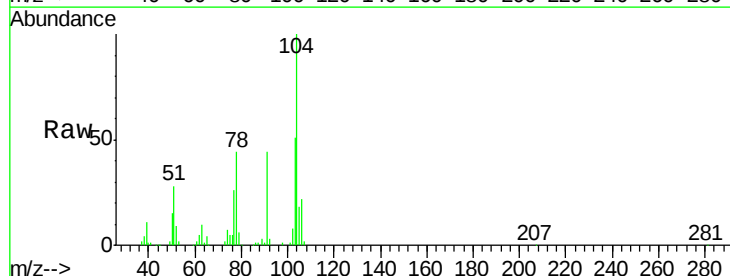
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

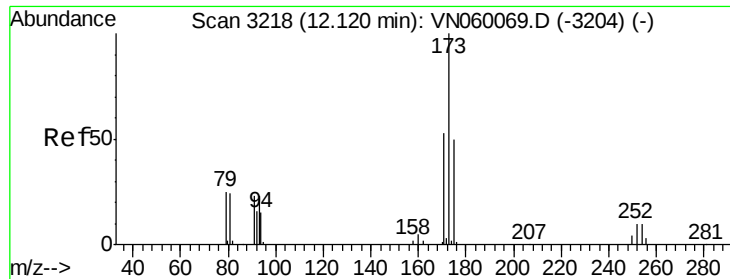
Tgt Ion:106 Resp: 64160
Ion Ratio Lower Upper
106 100
91 213.7 107.2 321.6



#70
Styrene
Concen: 17.64 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060223.D
Acq: 25 Feb 2020 11:03

Tgt Ion:104 Resp: 99030
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.2
103 56.1 44.3 66.5

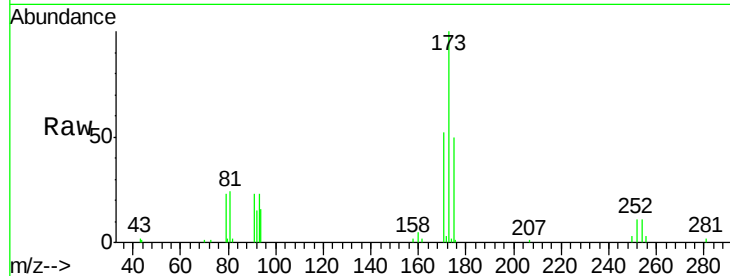




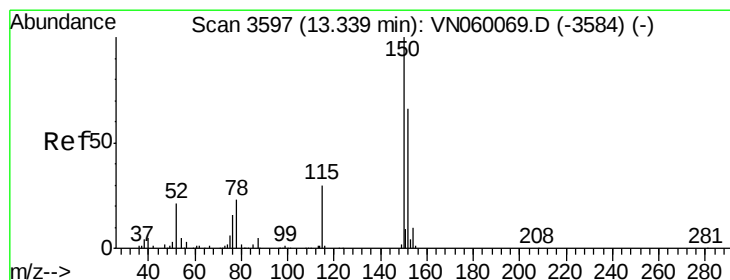
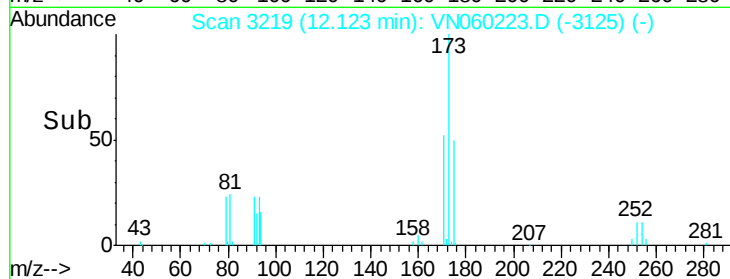
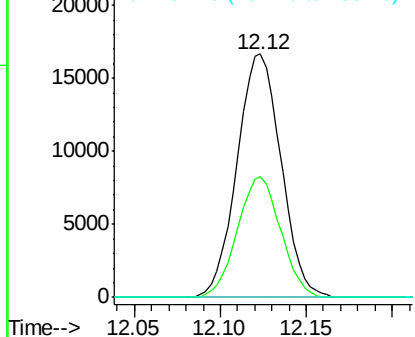
#71
 Bromoform
 Concen: 18.24 ug/l
 RT: 12.12 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion:173 Resp: 29643
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.9 74.6
 254 0.0 0.0 0.0

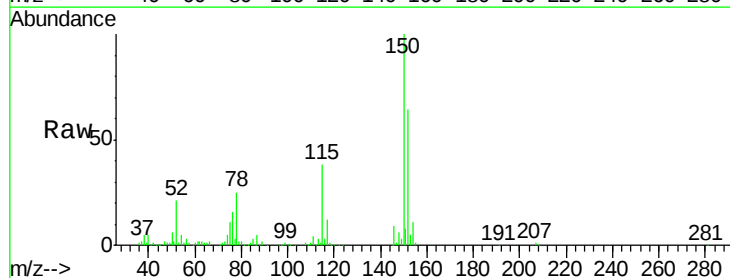


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

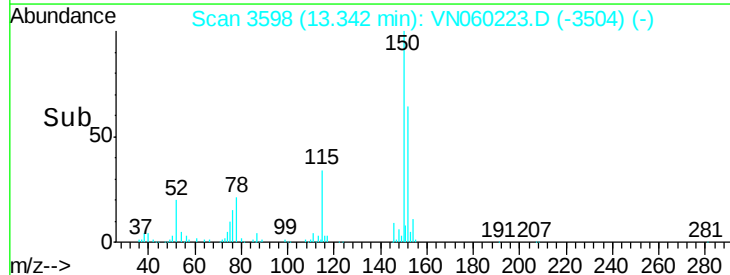
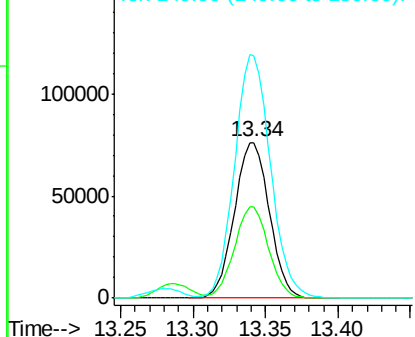


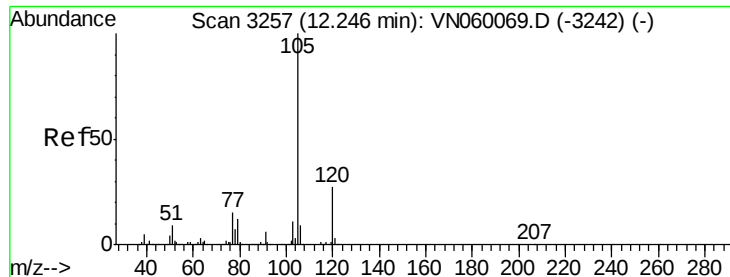
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion:152 Resp: 127520
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.9 86.8
 150 161.4 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.06 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

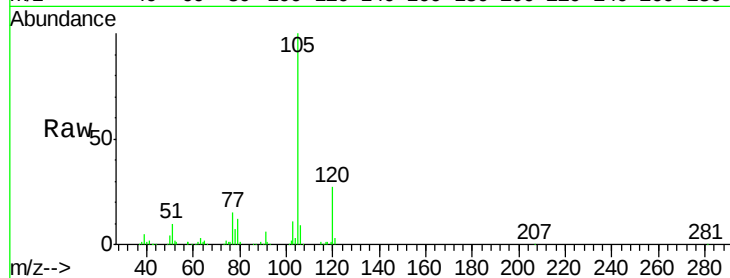
VN0225WBSD01

Tgt Ion: 105 Resp: 171996

Ion Ratio Lower Upper

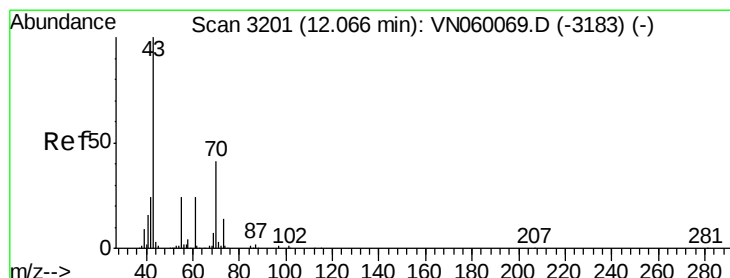
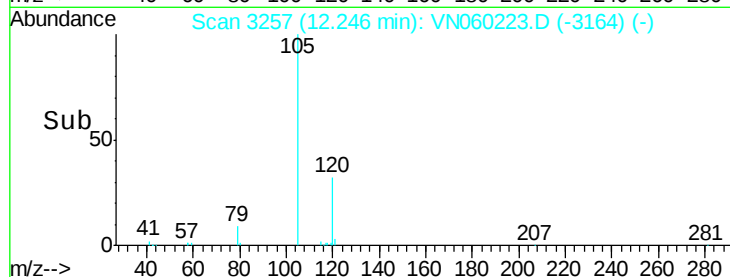
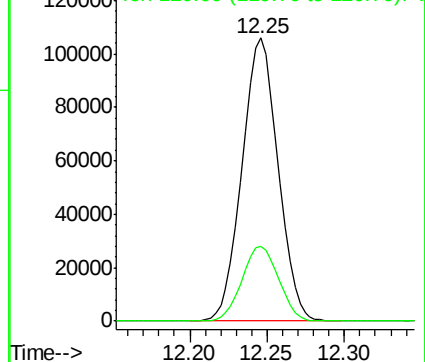
105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.20 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Tgt Ion: 43 Resp: 62504

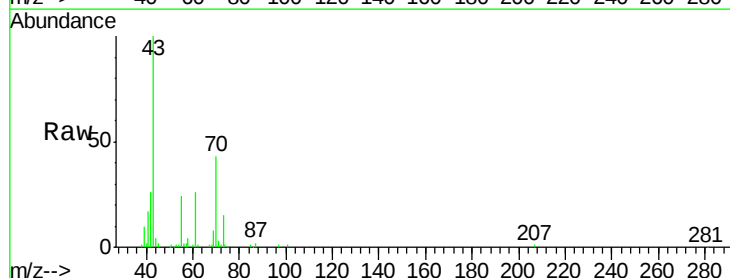
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.0

55 23.6 18.8 28.2

61 24.5 19.2 28.8

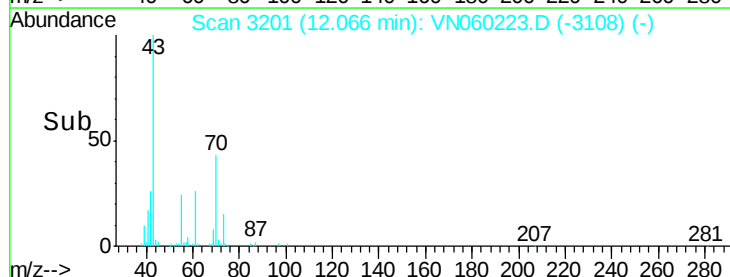
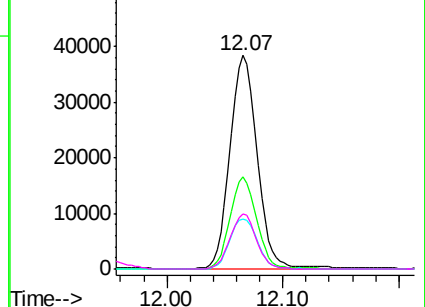


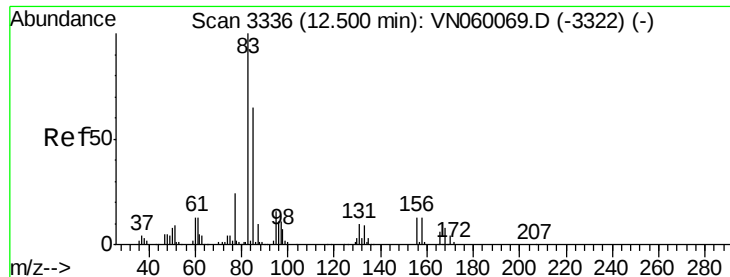
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.07 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

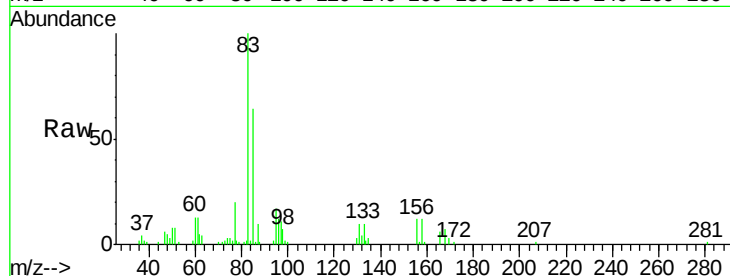
Tgt Ion: 83 Resp: 52276

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 63.7 32.3 96.9

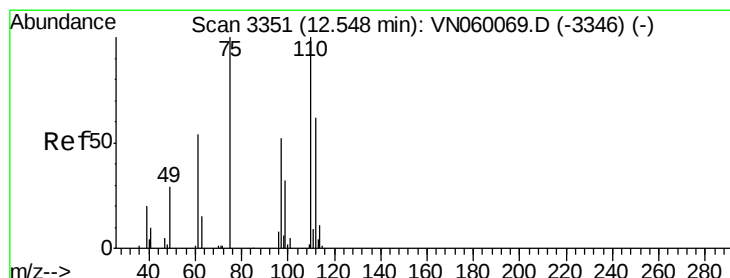
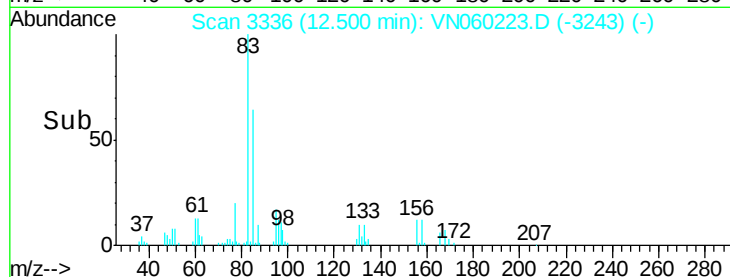
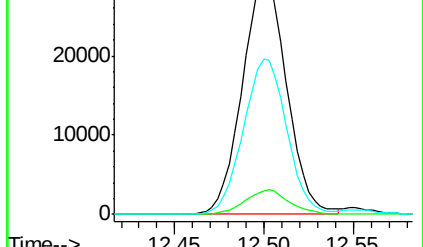


Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060069.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 27.85 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060223.D

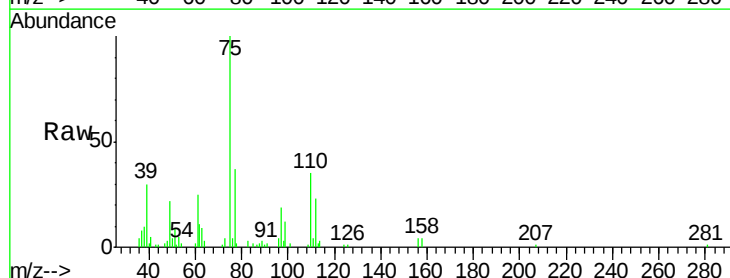
Acq: 25 Feb 2020 11:03

Tgt Ion: 75 Resp: 67940

Ion Ratio Lower Upper

75 100

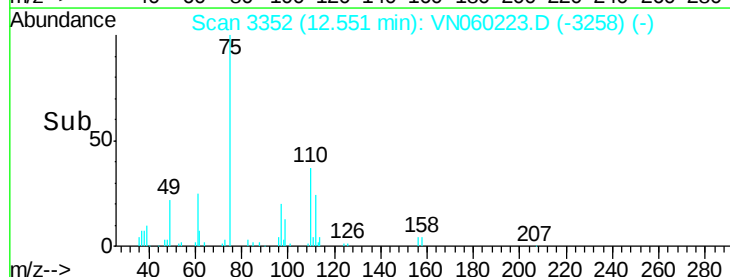
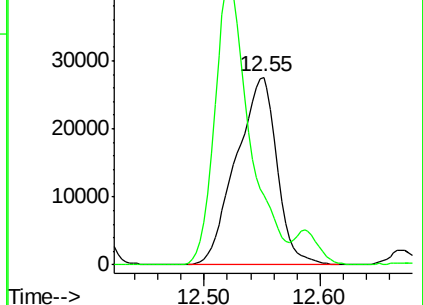
77 0.0 0.0 0.0

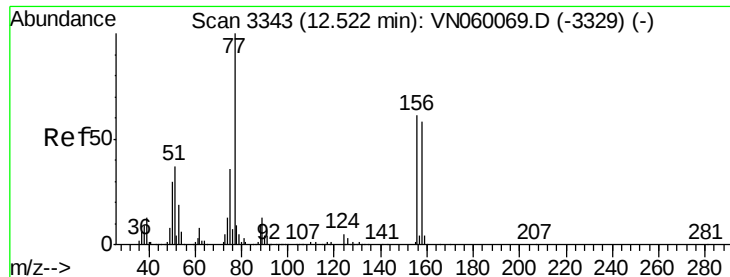


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)

Time-->





#77

Bromobenzene

Concen: 18.23 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

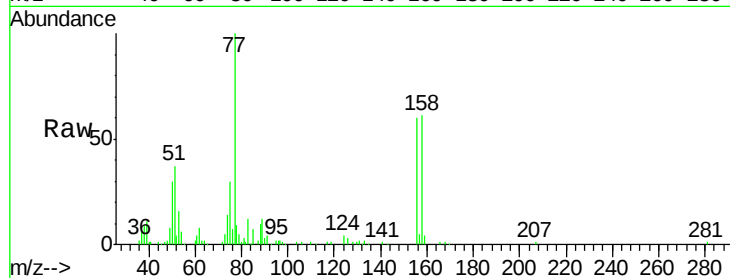
Tgt Ion:156 Resp: 43079

Ion Ratio Lower Upper

156 100

77 202.7 98.7 296.1

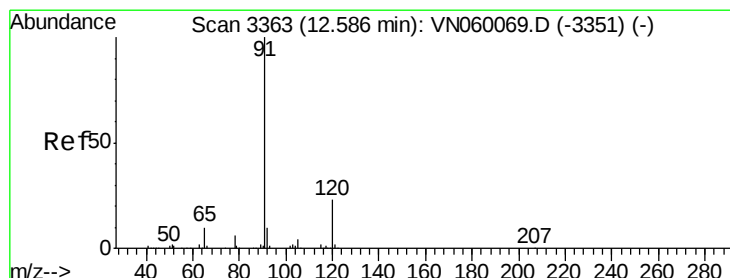
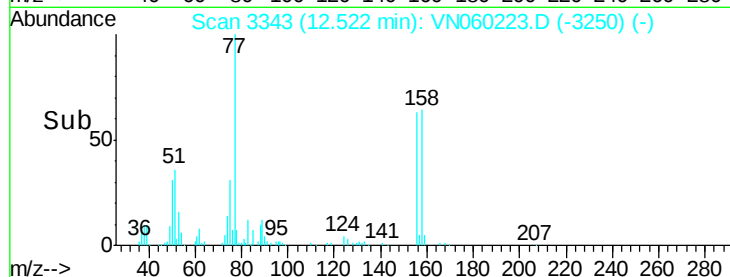
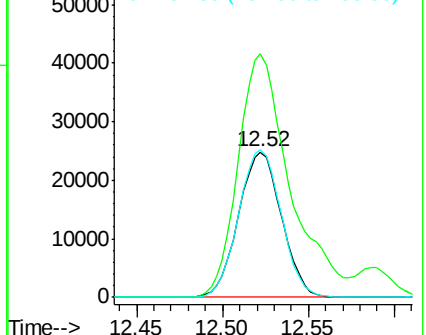
158 100.8 48.1 144.4



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: 17.91 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060223.D

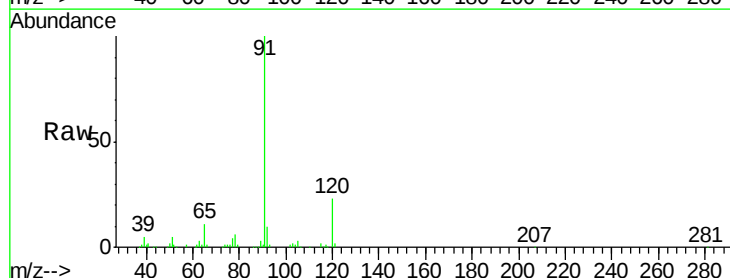
Acq: 25 Feb 2020 11:03

Tgt Ion: 91 Resp: 194263

Ion Ratio Lower Upper

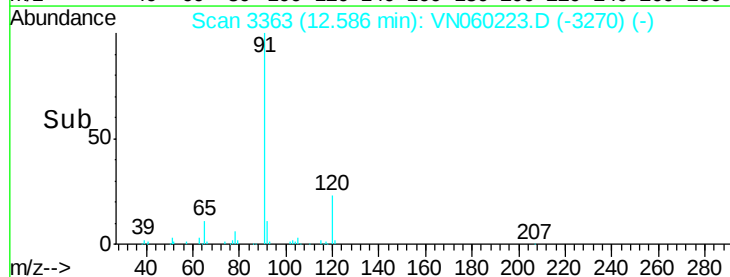
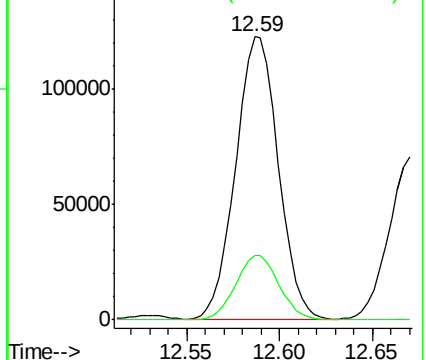
91 100

120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.95 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

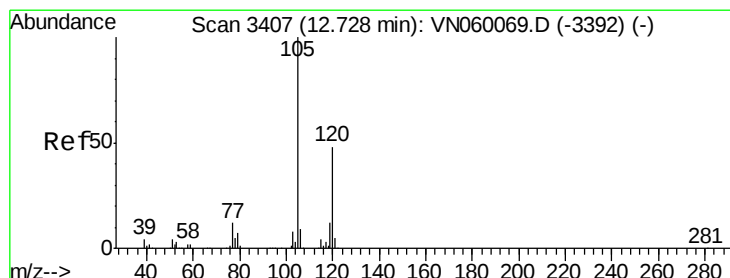
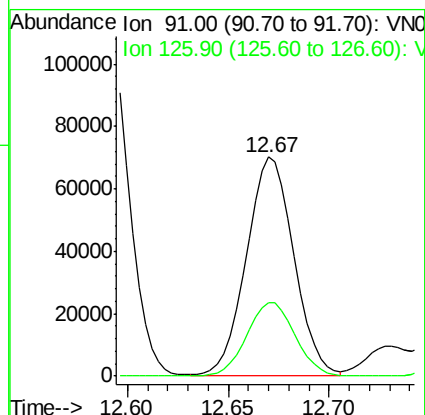
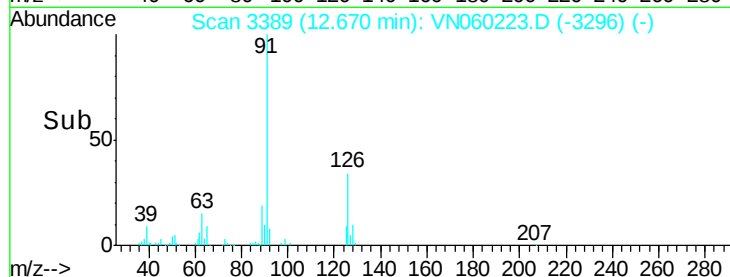
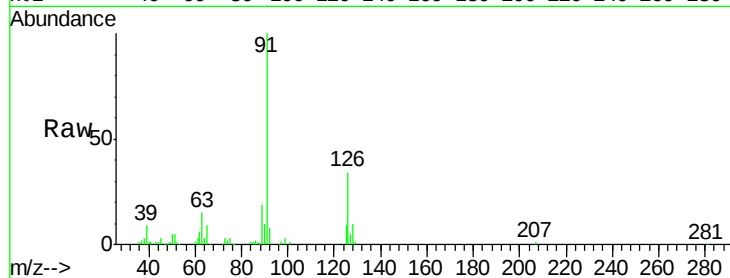
VN0225WBSD01

Tgt Ion: 91 Resp: 114481

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.21 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060223.D

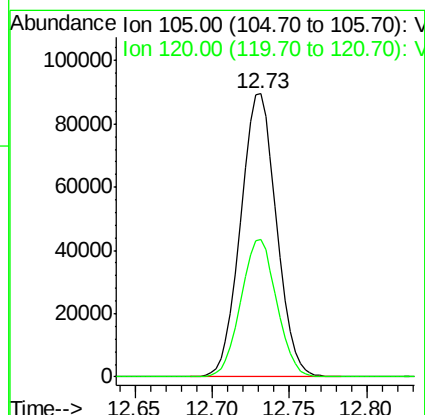
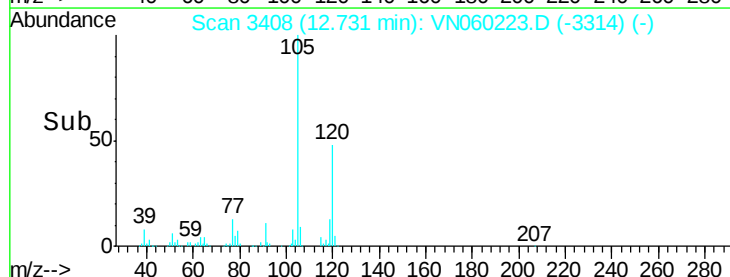
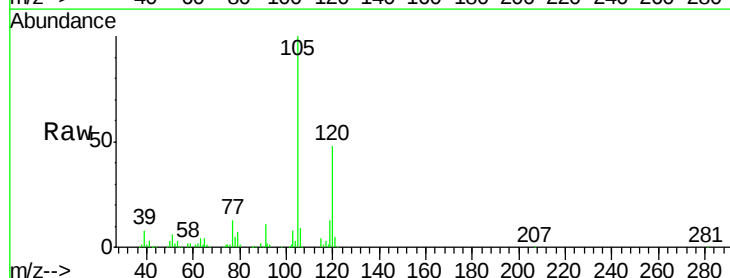
Acq: 25 Feb 2020 11:03

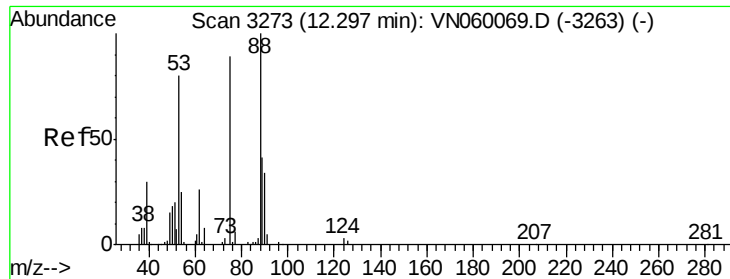
Tgt Ion: 105 Resp: 144165

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.71 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

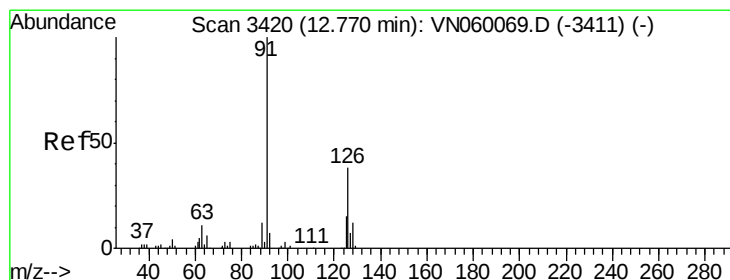
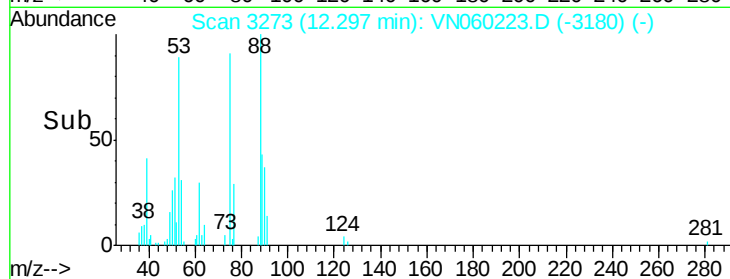
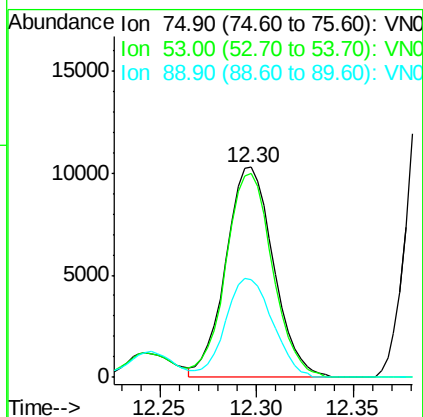
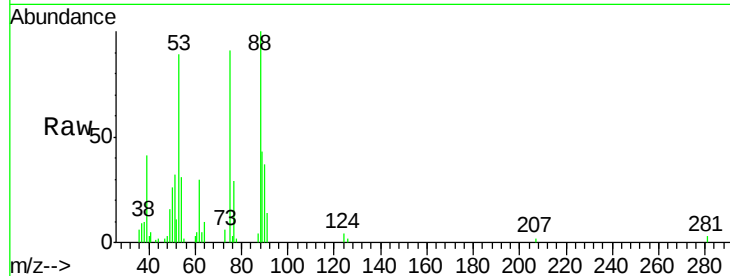
Tgt Ion: 75 Resp: 17649

Ion Ratio Lower Upper

75 100

53 95.1 73.9 110.9

89 46.3 37.0 55.4



#82

4-Chlorotoluene

Concen: 18.00 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN060223.D

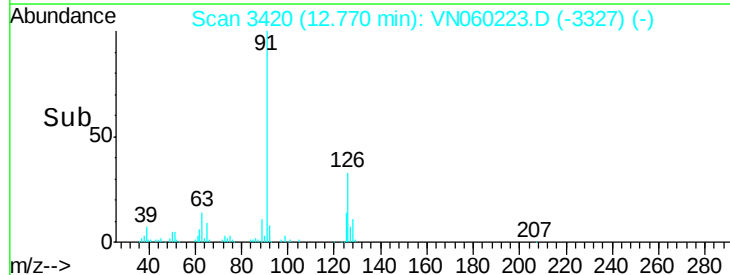
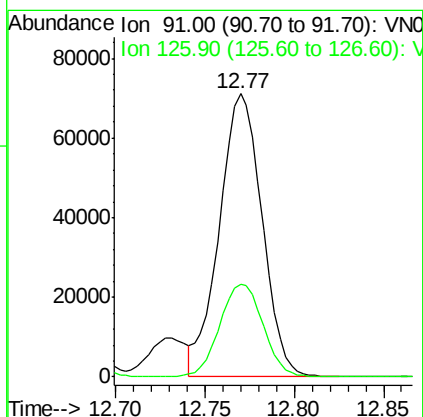
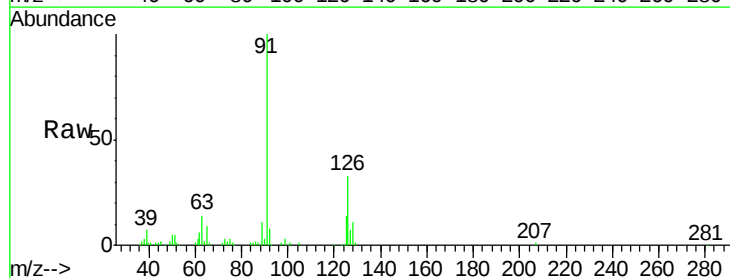
Acq: 25 Feb 2020 11:03

Tgt Ion: 91 Resp: 117748

Ion Ratio Lower Upper

91 100

126 33.3 17.1 51.3

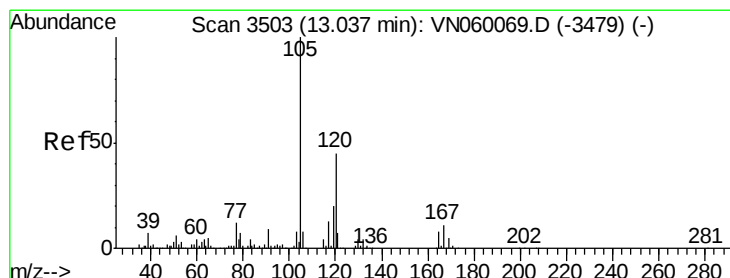
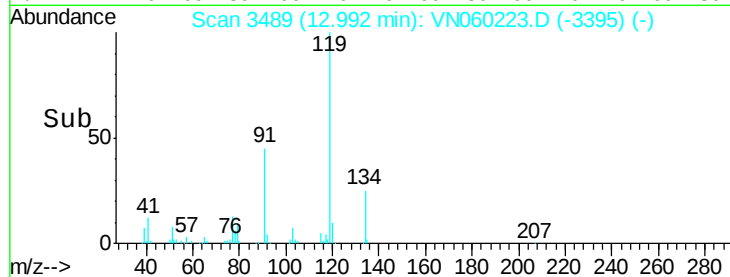
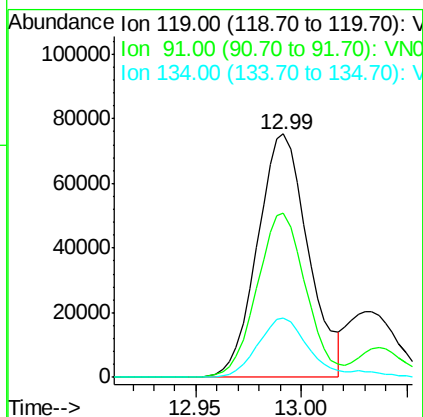
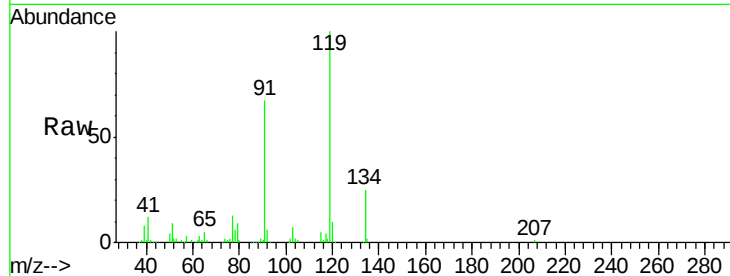




#83
 tert-Butylbenzene
 Concen: 18.01 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

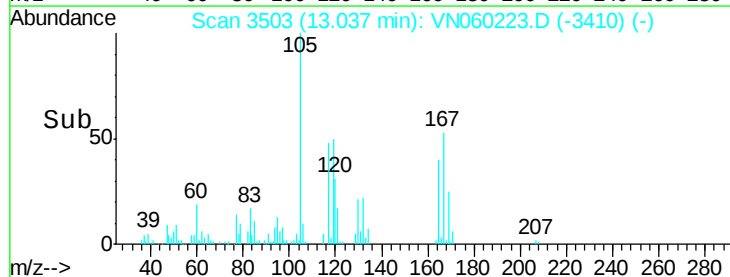
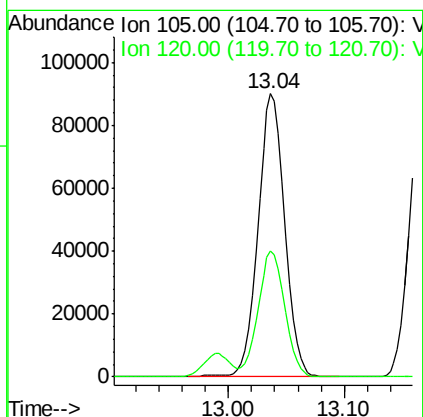
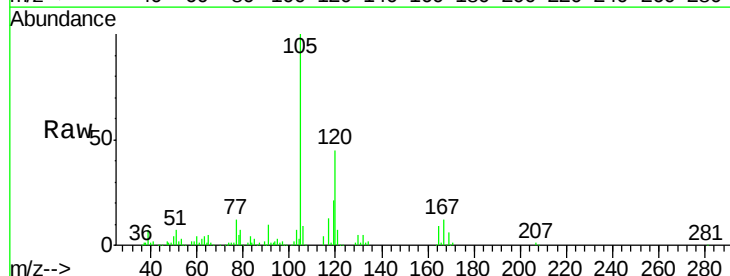
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

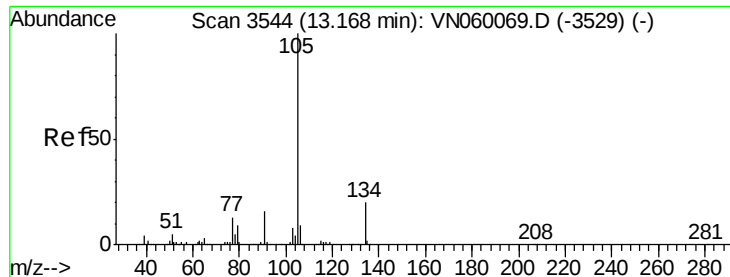
Tgt Ion:119 Resp: 126136
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.7 98.1
 134 24.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.49 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion:105 Resp: 144479
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

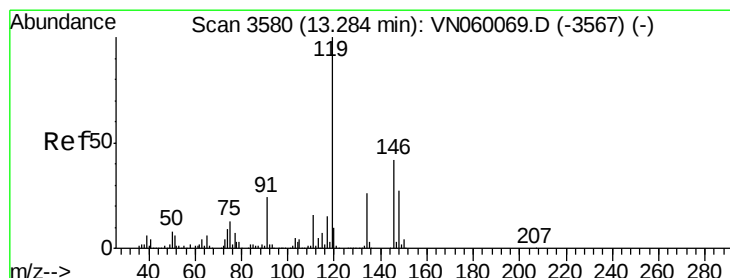
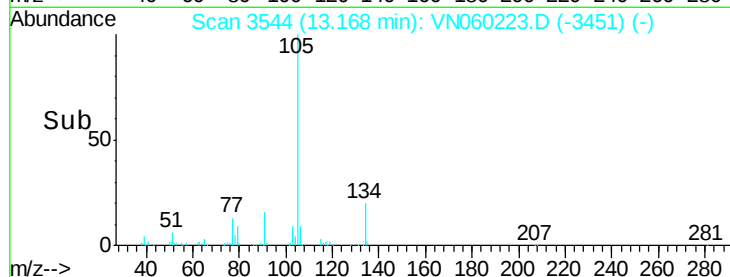
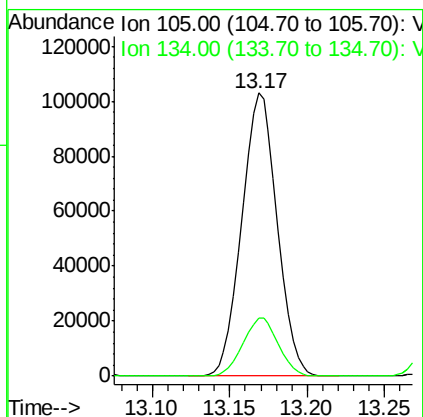
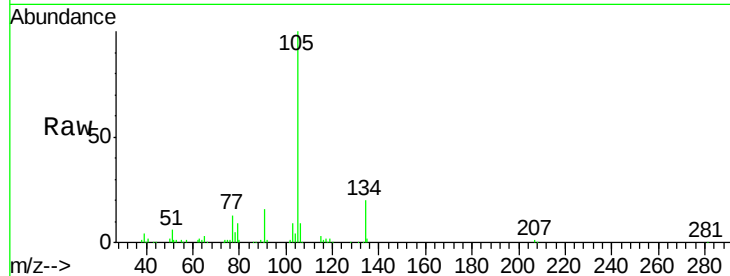




#85
 sec-Butylbenzene
 Concen: 17.65 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

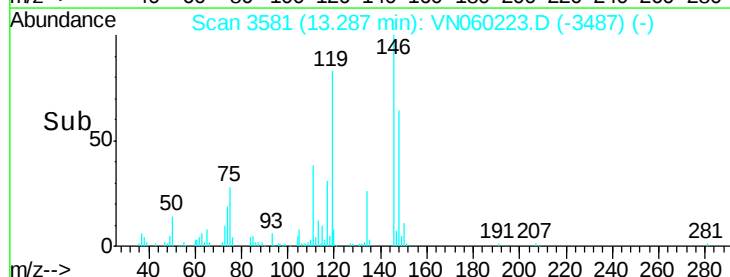
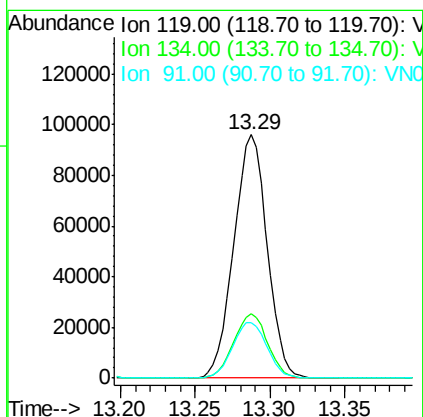
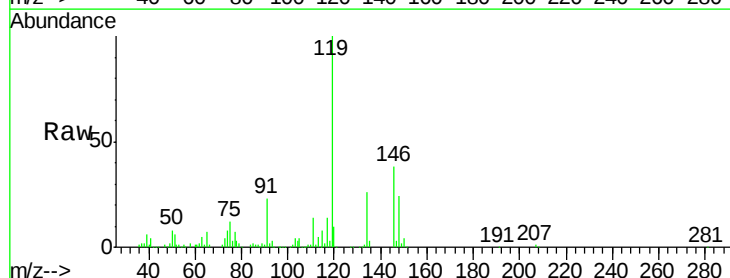
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Tgt Ion:105 Resp: 163673
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 17.75 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion:119 Resp: 149139
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 17.99 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

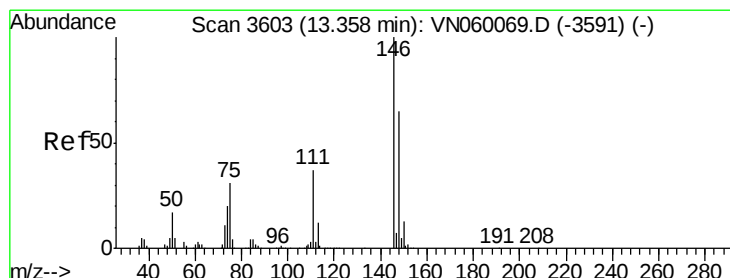
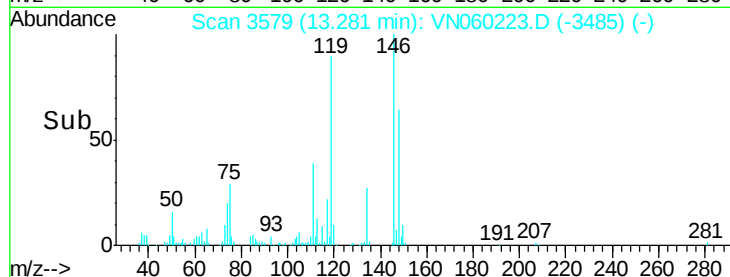
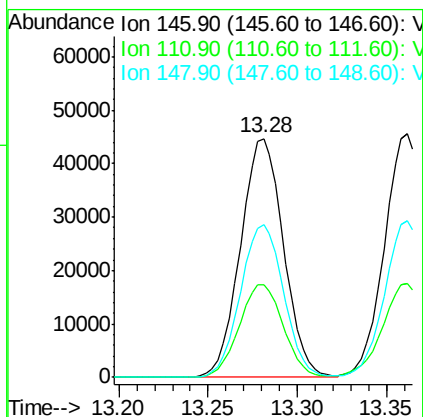
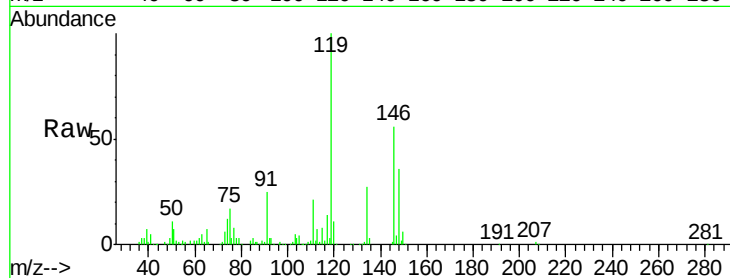
Tgt Ion:146 Resp: 75236

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.3

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 18.03 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

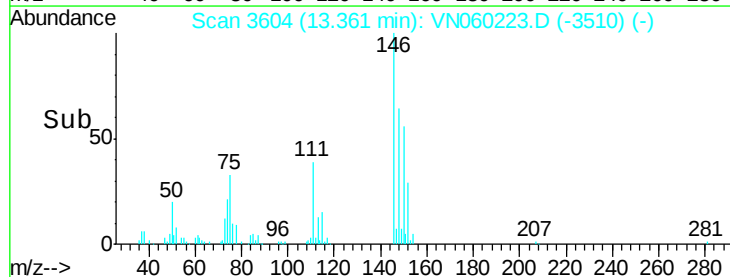
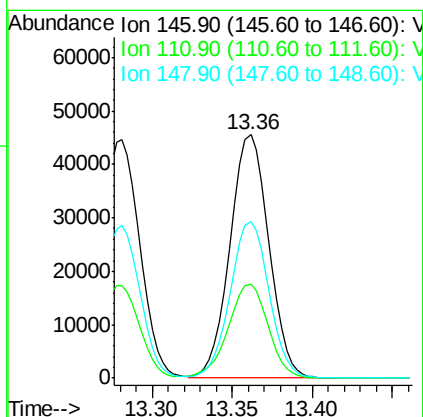
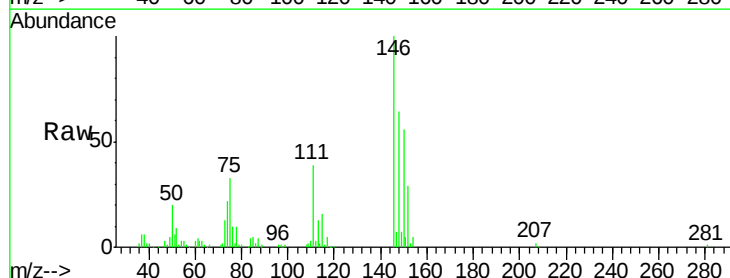
Tgt Ion:146 Resp: 75425

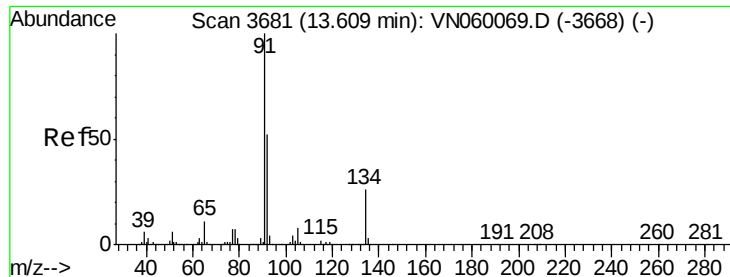
Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.5

148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 17.54 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampled :

VN0225WBSD01

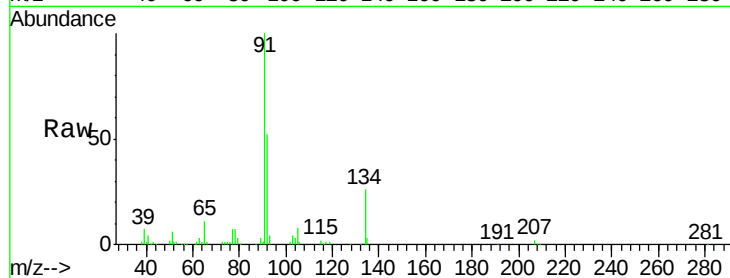
Tgt Ion: 91 Resp: 129662

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.2

134 26.0 13.1 39.3

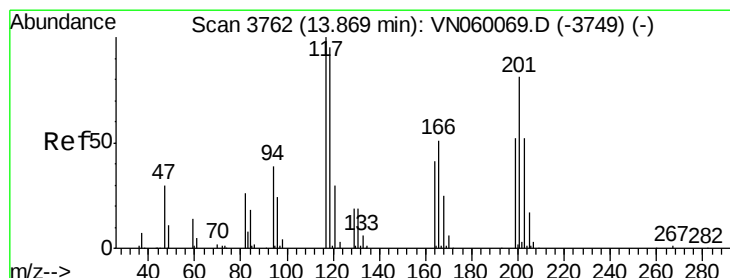
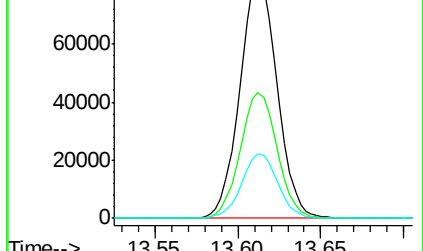
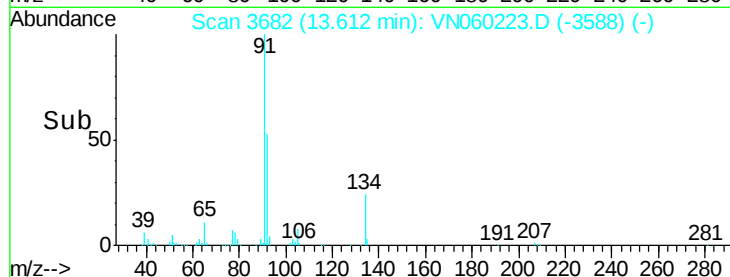


Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 17.66 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060223.D

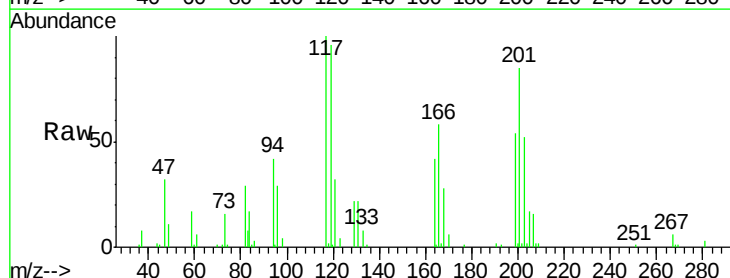
Acq: 25 Feb 2020 11:03

Tgt Ion: 117 Resp: 27724

Ion Ratio Lower Upper

117 100

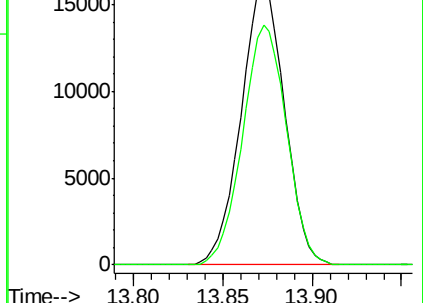
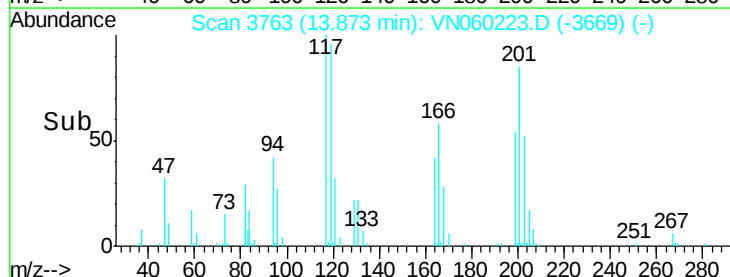
201 85.7 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)

Time-->

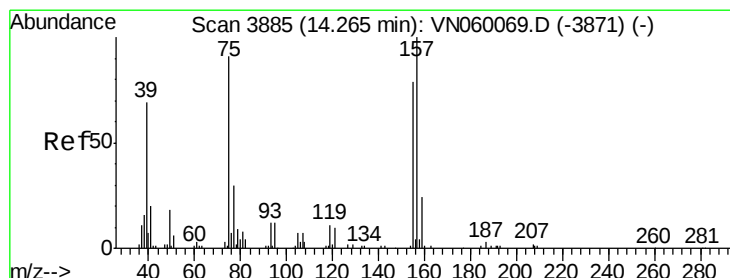
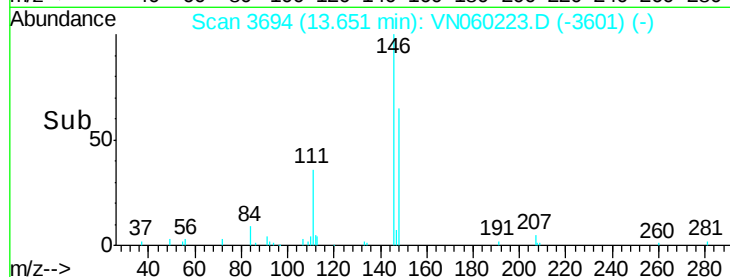
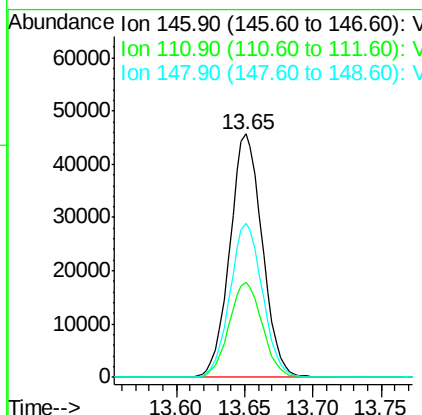
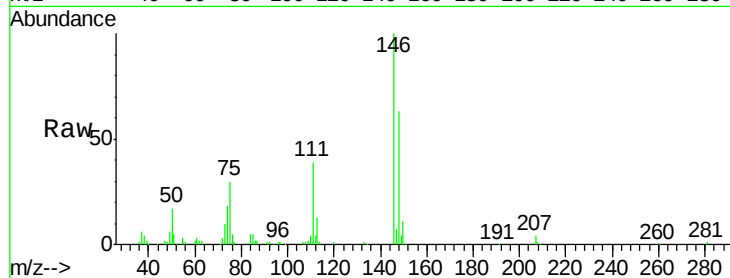




#91
 1,2-Dichlorobenzene
 Concen: 18.45 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

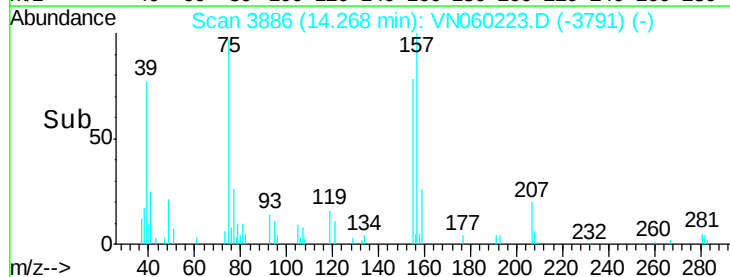
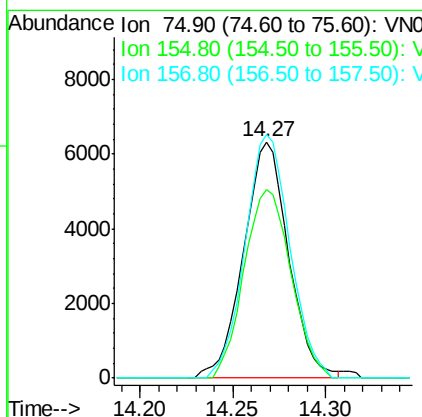
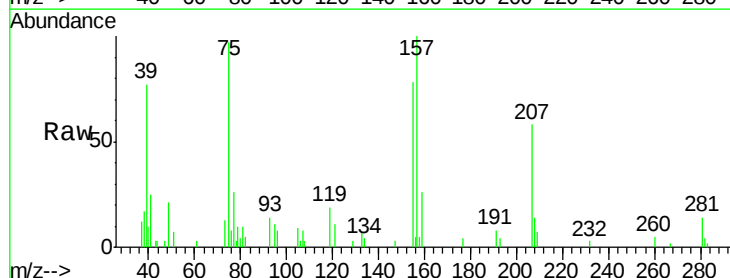
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

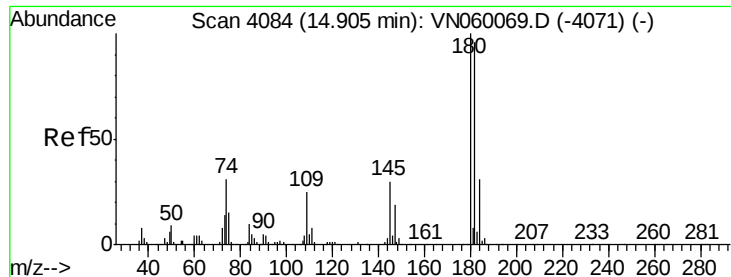
Tgt Ion: 146 Resp: 75545
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.87 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion: 75 Resp: 10702
 Ion Ratio Lower Upper
 75 100
 155 83.0 43.0 129.0
 157 102.7 54.9 164.5

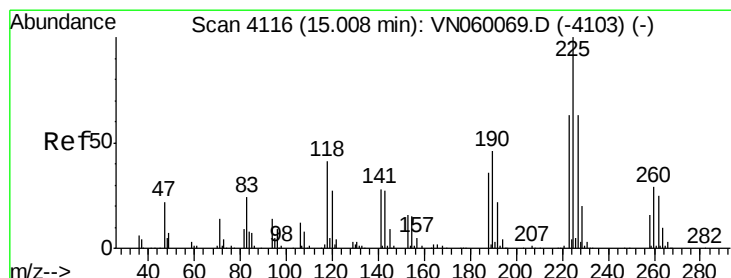
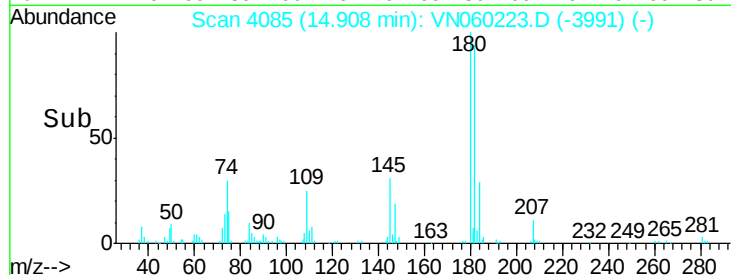
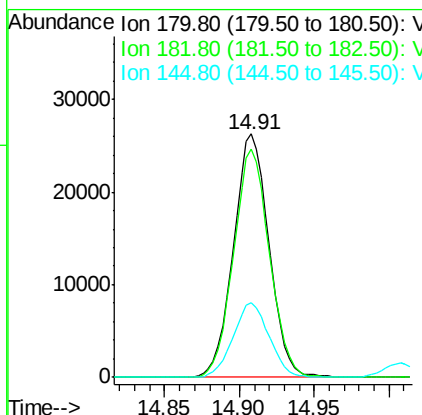
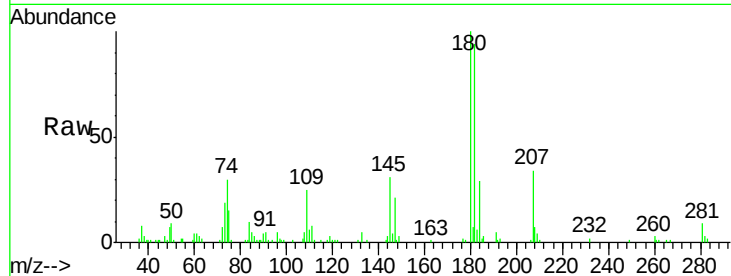




#93
 1,2,4-Trichlorobenzene
 Concen: 18.06 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

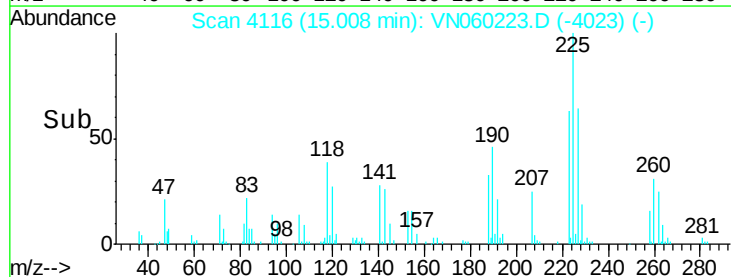
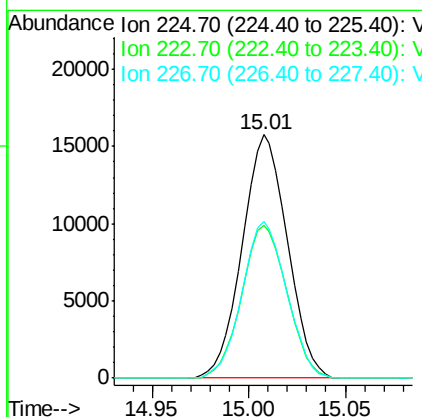
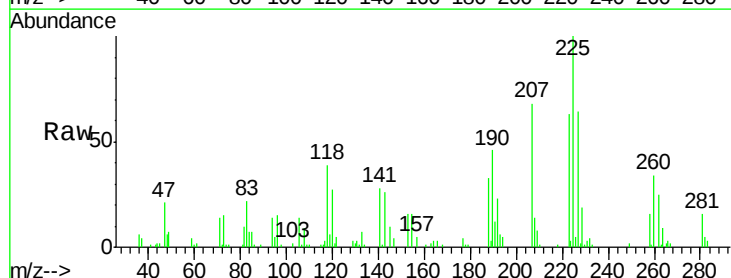
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBSD01

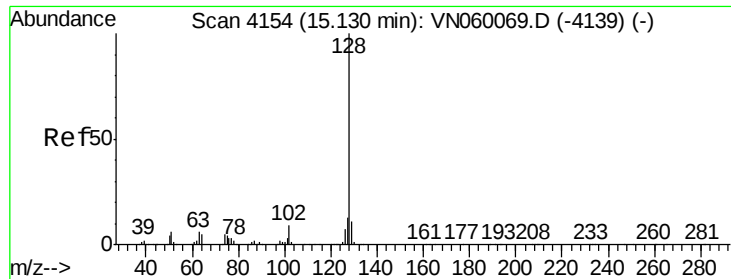
Tgt Ion:180 Resp: 43436
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.8
 145 30.8 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 18.22 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060223.D
 Acq: 25 Feb 2020 11:03

Tgt Ion:225 Resp: 25653
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 63.3 31.8 95.4





#95

Naphthalene

Concen: 17.90 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

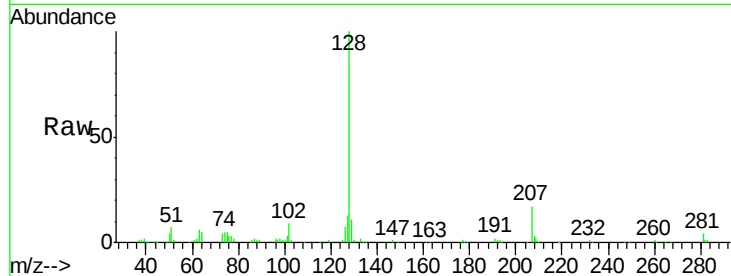
Tgt Ion:128 Resp: 116330

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

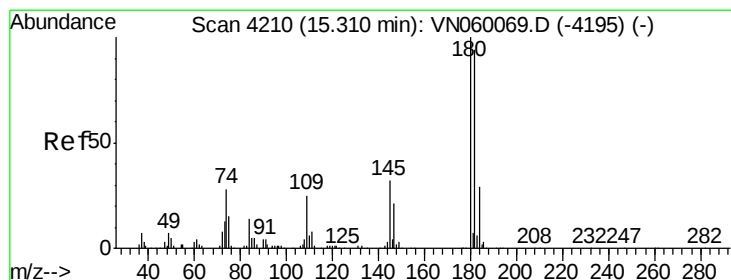
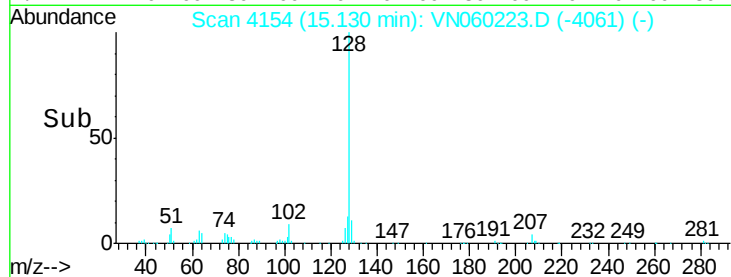
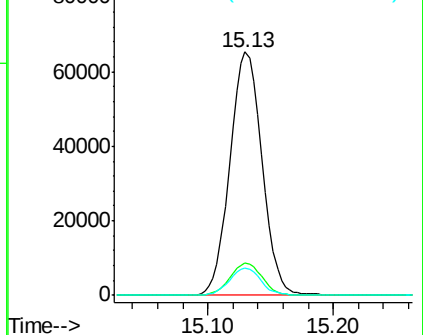
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.38 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060223.D

Acq: 25 Feb 2020 11:03

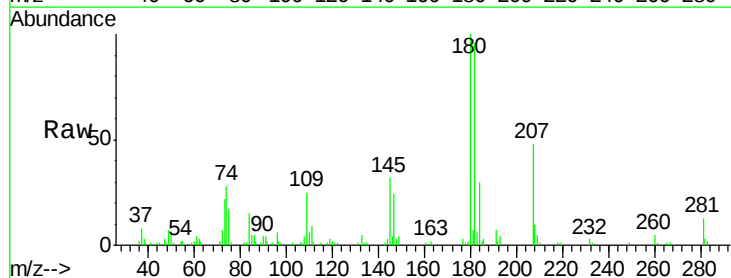
Tgt Ion:180 Resp: 44033

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.5

145 32.2 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

