

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
 Data File : VN060222.D
 Acq On : 25 Feb 2020 10:30
 Operator : JC/MD
 Sample : VN0225WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Quant Time: Feb 25 15:44:50 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	185469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130611	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111170	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.57	113	89400	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.08	98	342315	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	124235	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	32201	17.37	ug/l	99
3) Chloromethane	2.04	50	37529	17.01	ug/l	97
4) Vinyl Chloride	2.17	62	42870	17.05	ug/l	100
5) Bromomethane	2.55	94	27354	17.74	ug/l	95
6) Chloroethane	2.69	64	22539	17.72	ug/l	97
7) Trichlorofluoromethane	3.01	101	57041	17.59	ug/l	99
8) Diethyl Ether	3.38	74	19879	18.42	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	32734	18.19	ug/l	98
10) Methyl Iodide	3.93	142	40011	18.21	ug/l	98
11) Tert butyl alcohol	4.73	59	29511	87.38	ug/l	99
12) 1,1-Dichloroethene	3.72	96	31182	17.78	ug/l	97
13) Acrolein	3.58	56	27110	81.21	ug/l	96
14) Allyl chloride	4.30	41	44809	17.36	ug/l	97
15) Acrylonitrile	4.94	53	76459	92.70	ug/l	99
16) Acetone	3.78	43	76847	78.06	ug/l	95
17) Carbon Disulfide	4.03	76	83769	15.85	ug/l	98
18) Methyl Acetate	4.29	43	35517	19.21	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	106893	18.13	ug/l	100
20) Methylene Chloride	4.52	84	35034	17.84	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	34398	18.00	ug/l	94
22) Diisopropyl ether	5.91	45	103128	18.23	ug/l	97
23) Vinyl Acetate	5.86	43	424452	89.36	ug/l	100
24) 1,1-Dichloroethane	5.82	63	62139	18.13	ug/l	98
25) 2-Butanone	6.80	43	104105	84.09	ug/l	96
26) 2,2-Dichloropropane	6.80	77	58451	17.96	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	39715	17.75	ug/l	99
28) Bromochloromethane	7.17	49	25668	19.05	ug/l	100
29) Tetrahydrofuran	7.18	42	68041	89.58	ug/l	98
30) Chloroform	7.35	83	65536	18.26	ug/l	98
31) Cyclohexane	7.63	56	56103	17.58	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	59300	18.08	ug/l	99
36) 1,1-Dichloropropene	7.77	75	48200	18.15	ug/l	99
37) Ethyl Acetate	6.89	43	43480	18.11	ug/l	100
38) Carbon Tetrachloride	7.75	117	51546	17.87	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58872	17.85	ug/l	99
40) Benzene	8.02	78	142352	18.07	ug/l	99
41) Methacrylonitrile	7.18	41	63545	63.12	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	51910	18.80	ug/l	99
43) Isopropyl Acetate	8.14	43	74471	18.15	ug/l	99
44) Trichloroethene	8.82	130	40133	18.39	ug/l	97
45) 1,2-Dichloropropane	9.10	63	37443	19.19	ug/l	96
46) Dibromomethane	9.19	93	24861	18.03	ug/l	97
47) Bromodichloromethane	9.39	83	52007	18.56	ug/l	99
48) Methyl methacrylate	9.18	41	31501	17.11	ug/l	98
49) 1,4-Dioxane	9.18	88	11654	370.46	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	218230	91.88	ug/l	99
52) Toluene	10.14	92	92381	18.28	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	58158	18.38	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	61461	18.45	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	36070	18.30	ug/l	98
56) Ethyl methacrylate	10.42	69	49415	17.72	ug/l	99
57) 1,3-Dichloropropane	10.70	76	60618	18.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	117309	90.30	ug/l	98
59) 2-Hexanone	10.74	43	158126	86.18	ug/l	99
60) Dibromochloromethane	10.89	129	41500	18.35	ug/l	100
61) 1,2-Dibromoethane	10.99	107	37743	18.26	ug/l	99
64) Tetrachloroethene	10.62	164	38082	18.63	ug/l	97
65) Chlorobenzene	11.43	112	98486	17.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	38303	18.48	ug/l	99
67) Ethyl Benzene	11.51	91	179004	18.11	ug/l	100
68) m/p-Xylenes	11.62	106	134913	36.37	ug/l	98
69) o-Xylene	11.94	106	64503	18.06	ug/l	99
70) Styrene	11.96	104	101677	17.66	ug/l	100
71) Bromoform	12.12	173	29113	17.46	ug/l #	99
73) Isopropylbenzene	12.25	105	174280	17.87	ug/l	98
74) N-amyl acetate	12.07	43	61242	17.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	52377	18.66	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	69275	27.72	ug/l #	100
77) Bromobenzene	12.52	156	44277	18.29	ug/l	99
78) n-propylbenzene	12.59	91	198575	17.87	ug/l	100
79) 2-Chlorotoluene	12.67	91	117043	17.92	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	147346	18.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	17387	17.04	ug/l	99
82) 4-Chlorotoluene	12.77	91	118946	17.75	ug/l	100
83) tert-Butylbenzene	12.99	119	129393	18.04	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	146050	18.24	ug/l	99
85) sec-Butylbenzene	13.17	105	171350	18.04	ug/l	99
86) p-Isopropyltoluene	13.29	119	154366	17.93	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	77729	18.14	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	75990	17.74	ug/l	98
89) n-Butylbenzene	13.61	91	131203	17.33	ug/l	100
90) Hexachloroethane	13.87	117	28521	17.74	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	74705	17.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10463	17.02	ug/l	95

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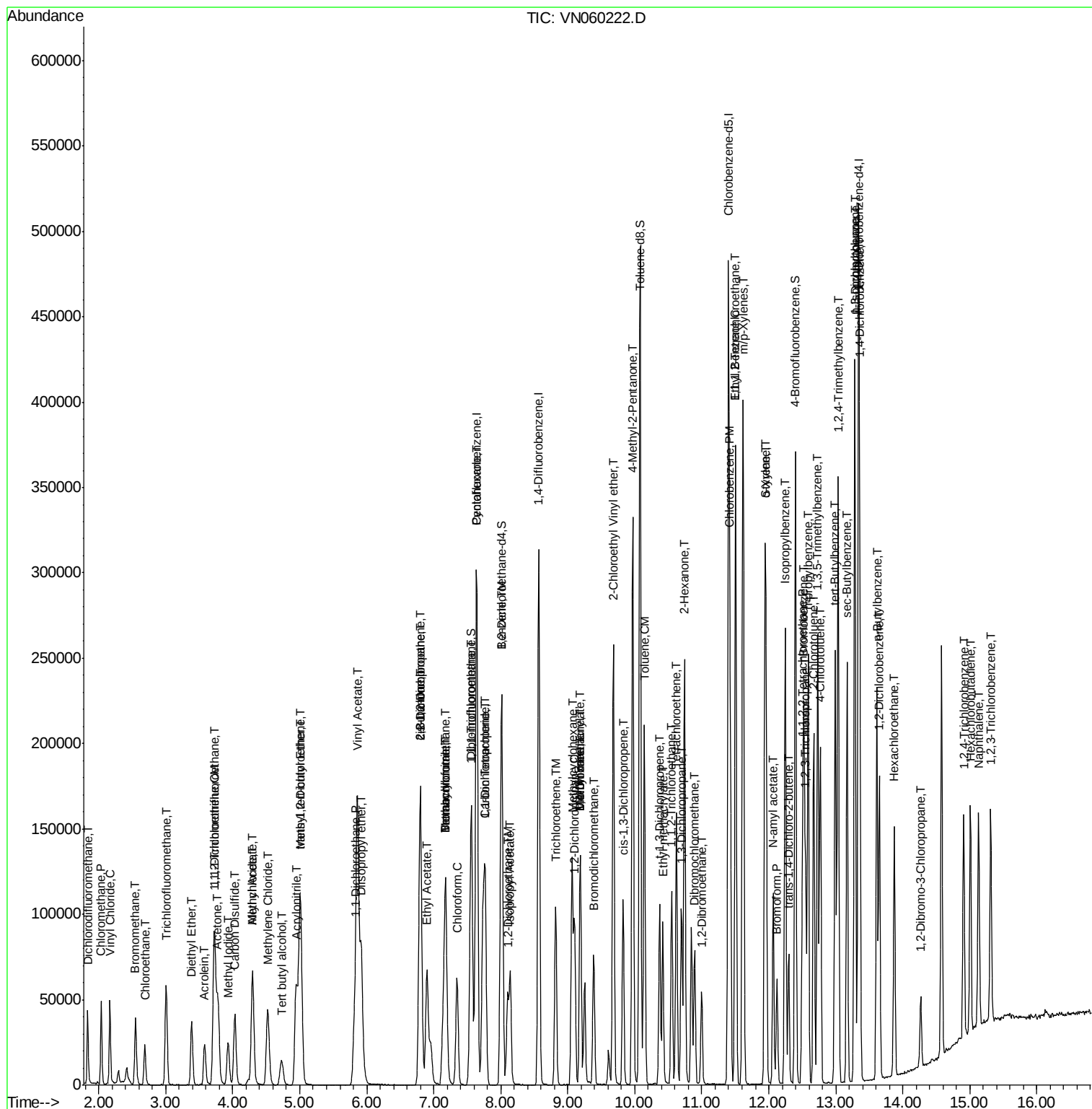
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42318	17.18	ug/l	99
94) Hexachlorobutadiene	15.01	225	25426	17.63	ug/l	98
95) Naphthalene	15.13	128	108678	16.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	42444	17.30	ug/l	100

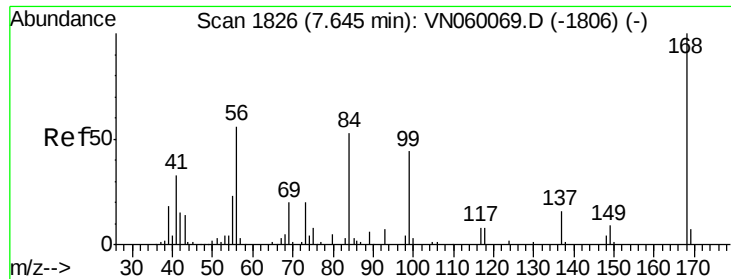
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

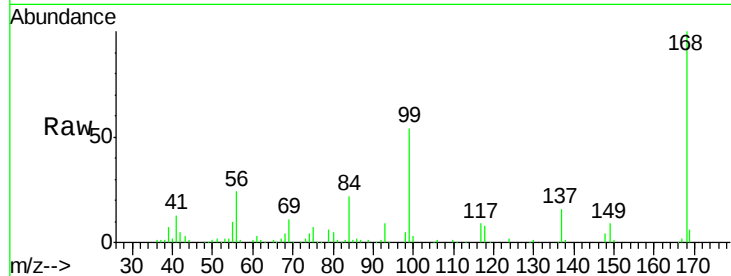
VN0225WBS01

Tgt Ion: 168 Resp: 185469

Ion Ratio Lower Upper

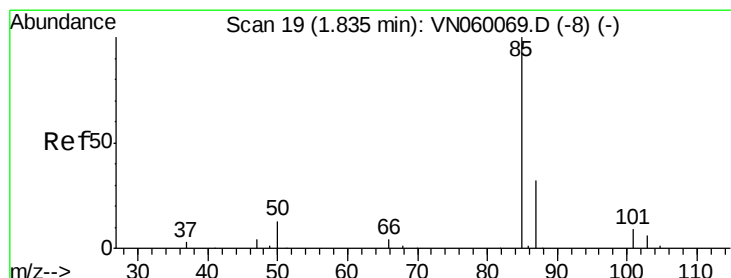
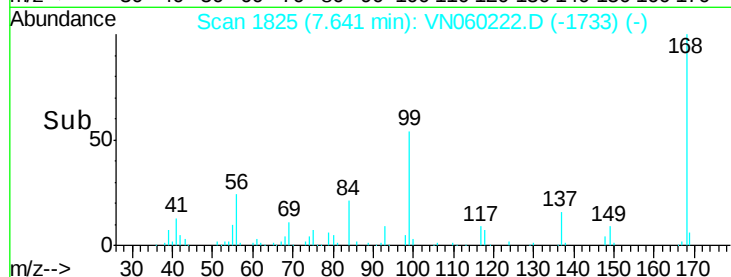
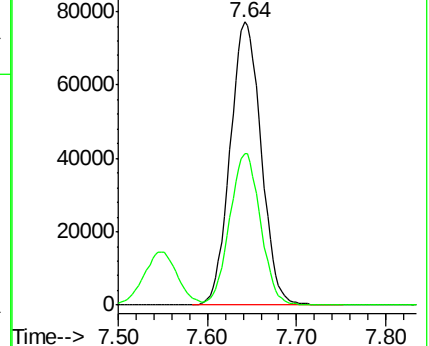
168 100

99 53.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 17.37 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060222.D

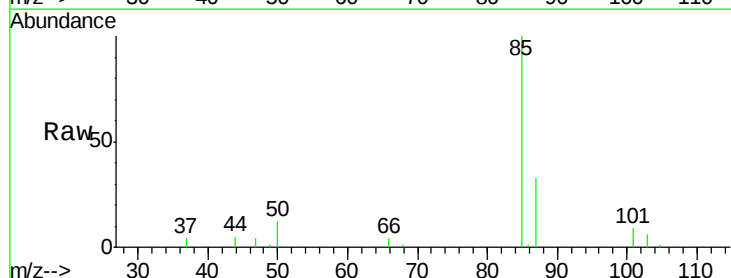
Acq: 25 Feb 2020 10:30

Tgt Ion: 85 Resp: 32201

Ion Ratio Lower Upper

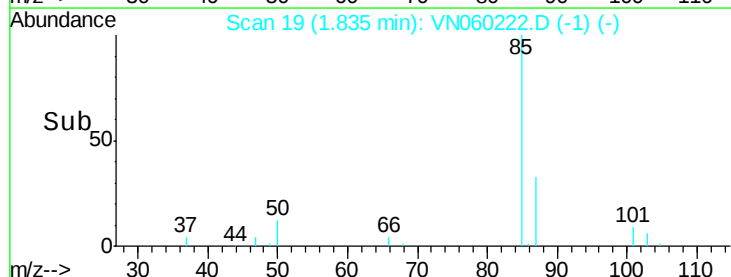
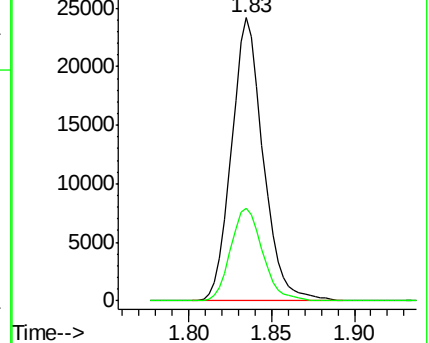
85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

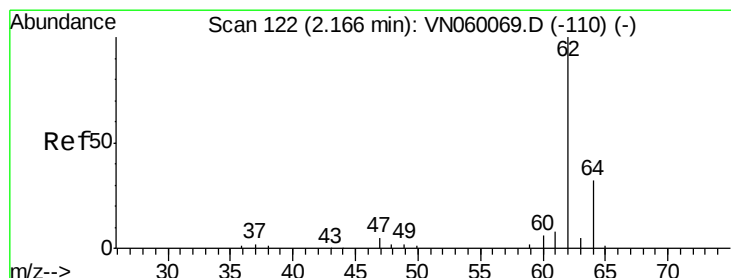
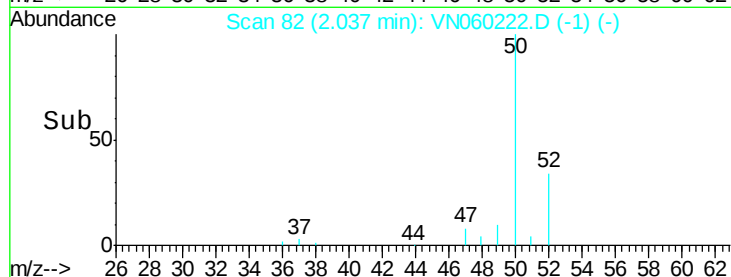
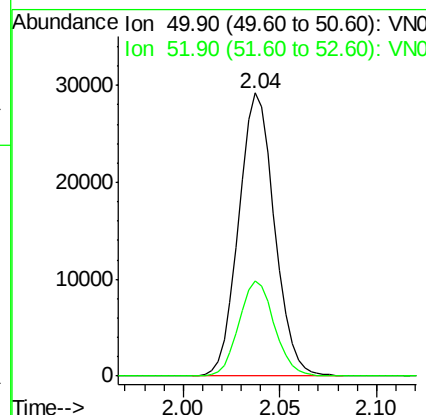
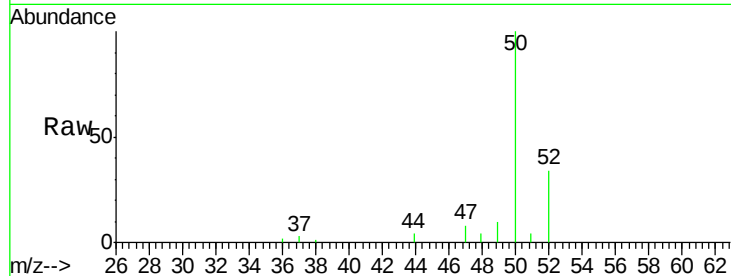




#3
 Chloromethane
 Concen: 17.01 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

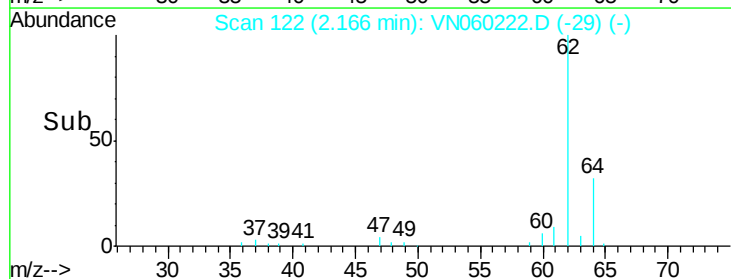
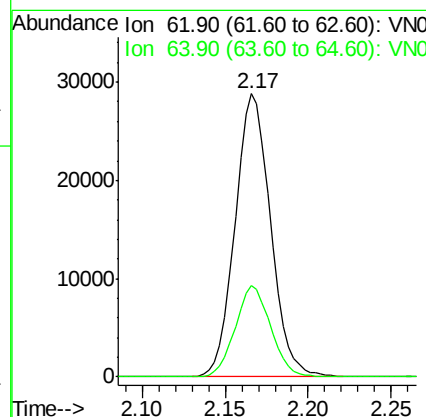
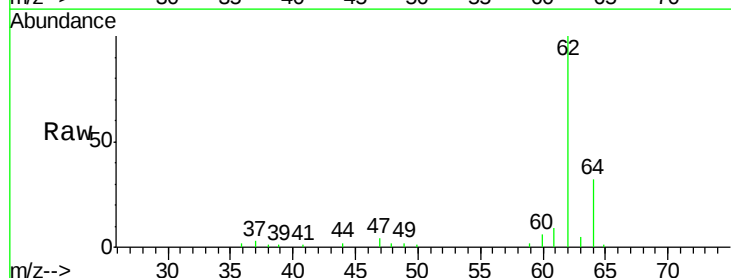
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

Tgt Ion: 50 Resp: 37529
 Ion Ratio Lower Upper
 50 100
 52 33.7 25.6 38.4



#4
 Vinyl Chloride
 Concen: 17.05 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 62 Resp: 42870
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.9 38.9

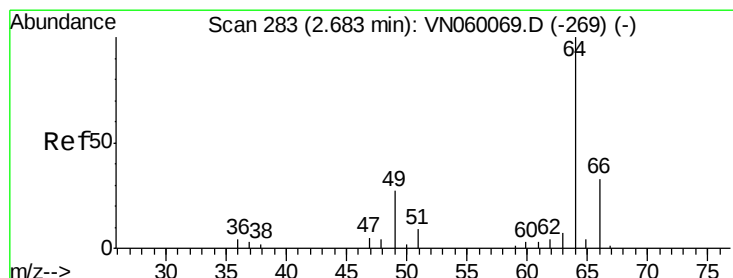
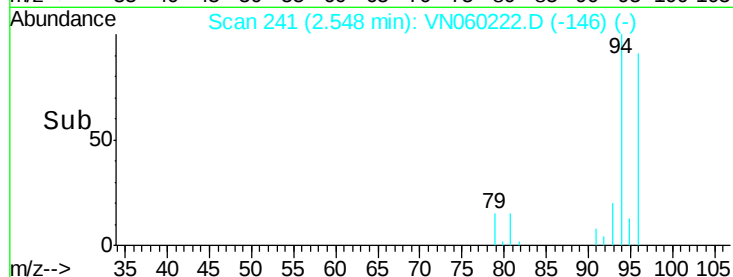
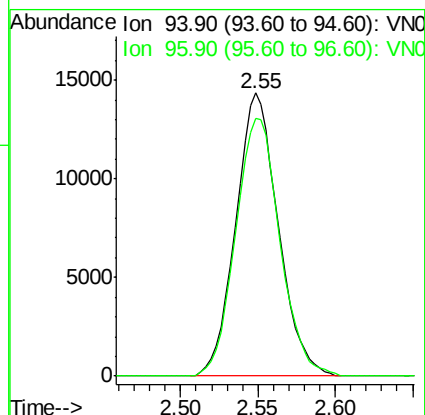
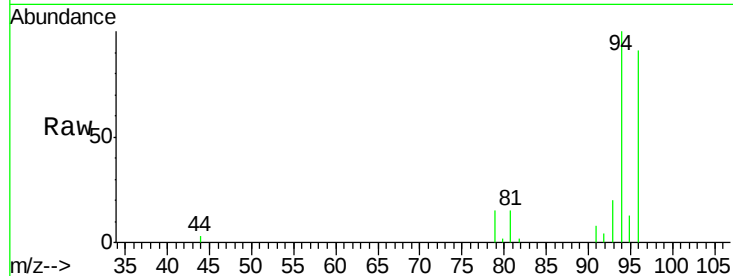




#5
Bromomethane
Concen: 17.74 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

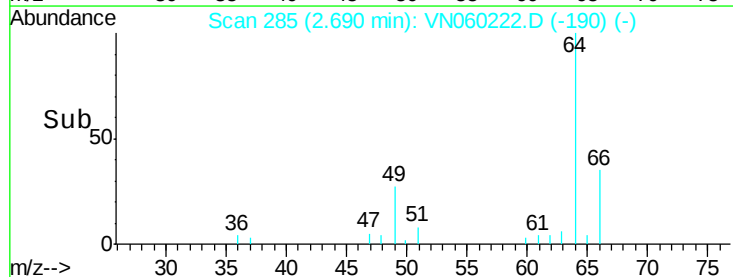
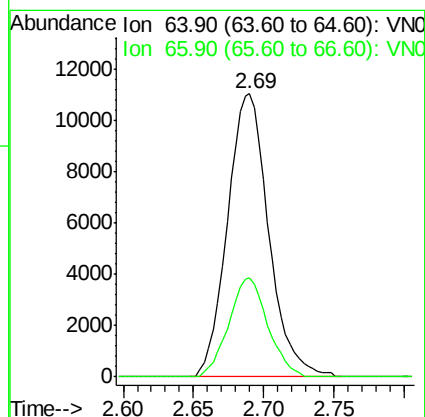
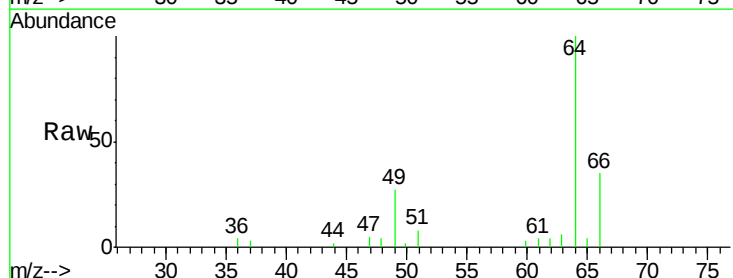
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 94 Resp: 27354
Ion Ratio Lower Upper
94 100
96 90.9 76.7 115.1



#6
Chloroethane
Concen: 17.72 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.01 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 64 Resp: 22539
Ion Ratio Lower Upper
64 100
66 34.8 26.6 40.0



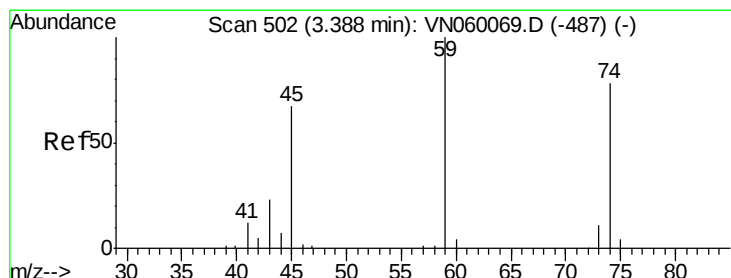
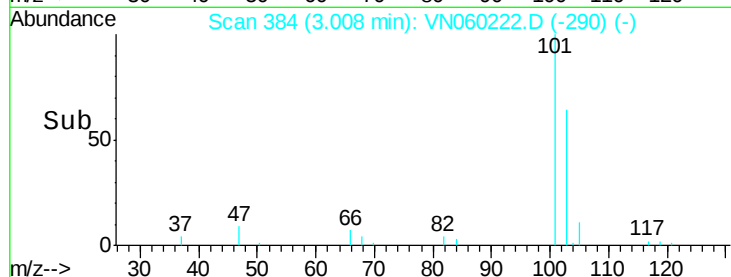
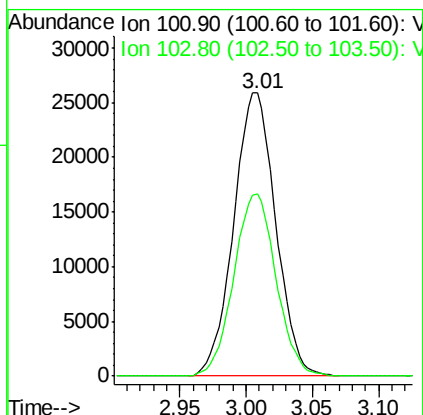
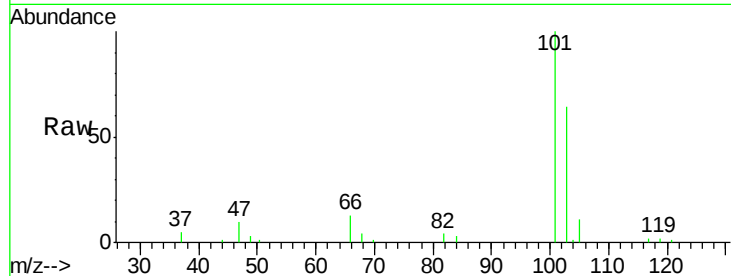


#7

Trichlorofluoromethane
 Concen: 17.59 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

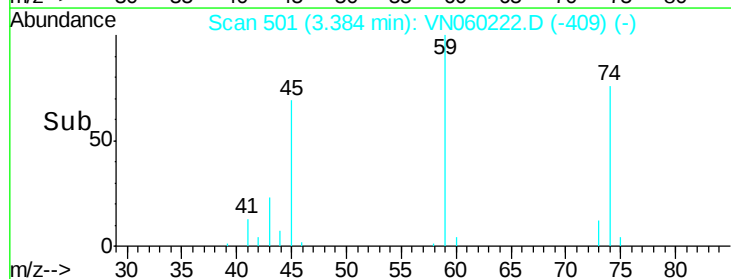
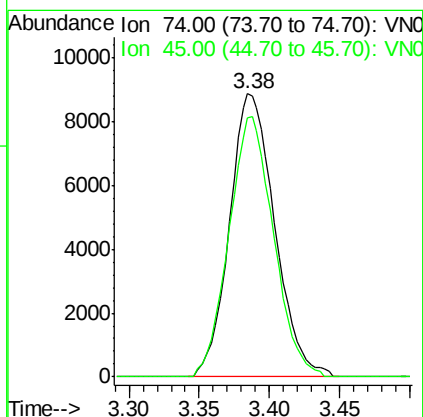
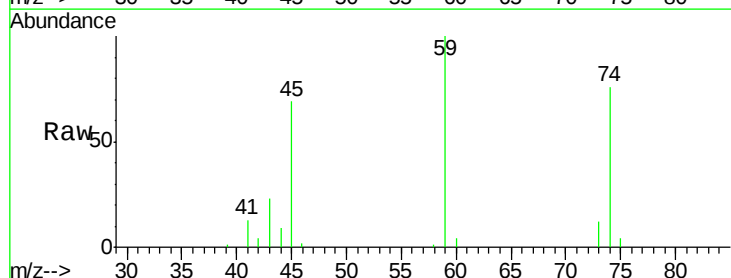
Tgt Ion:101 Resp: 57041
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.6



#8

Diethyl Ether
 Concen: 18.42 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 74 Resp: 19879
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.19 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

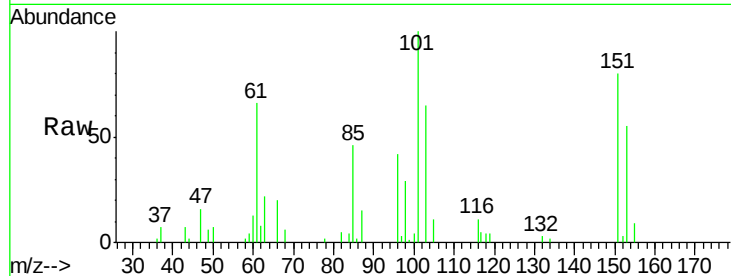
Tgt Ion:101 Resp: 32734

Ion Ratio Lower Upper

101 100

85 45.9 35.1 52.7

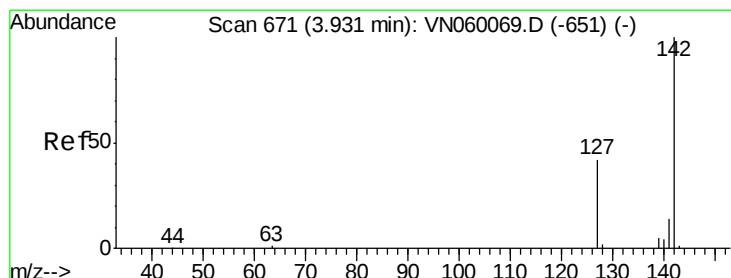
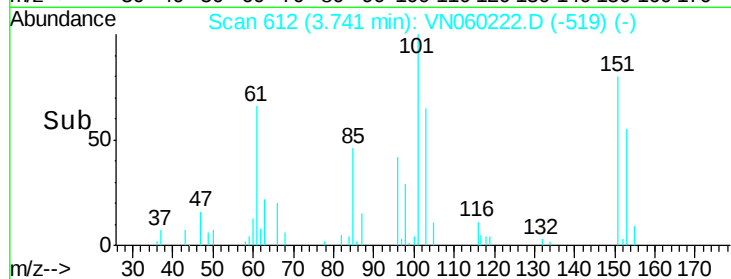
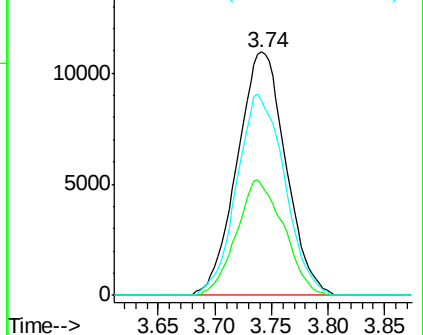
151 81.4 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.21 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

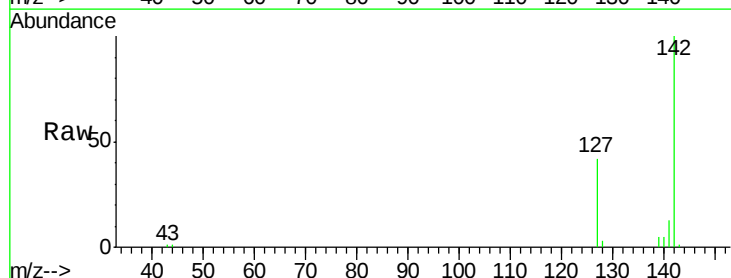
Tgt Ion:142 Resp: 40011

Ion Ratio Lower Upper

142 100

127 43.4 33.6 50.4

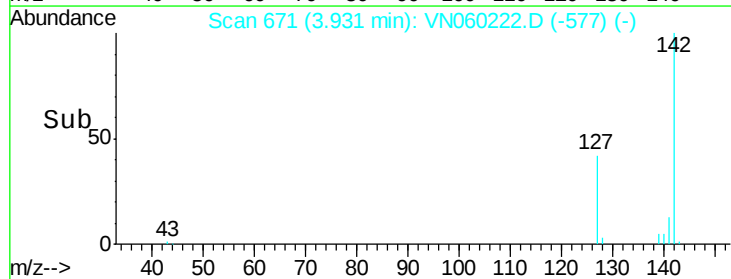
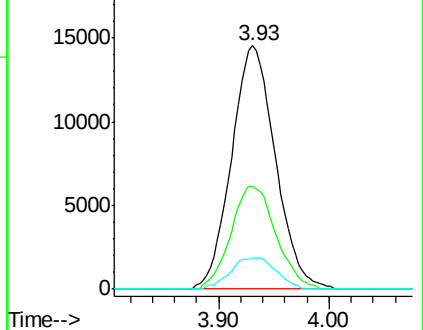
141 13.5 11.4 17.2

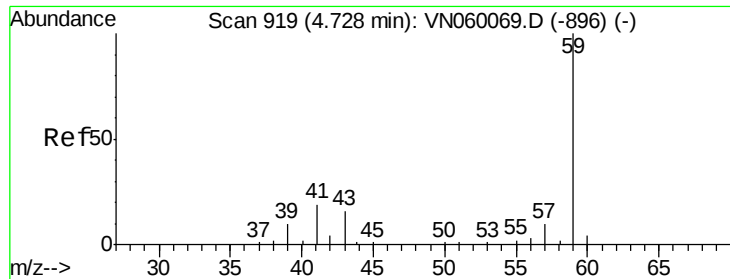


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

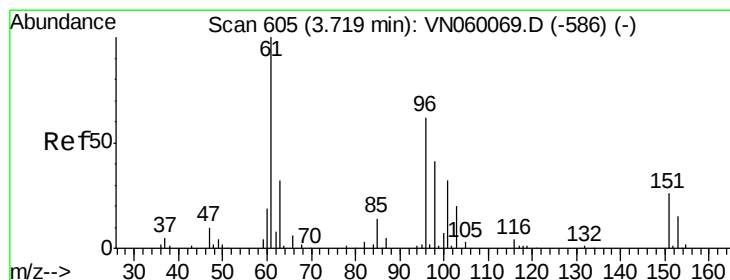
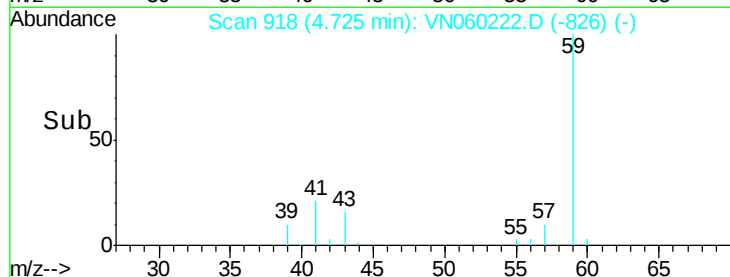
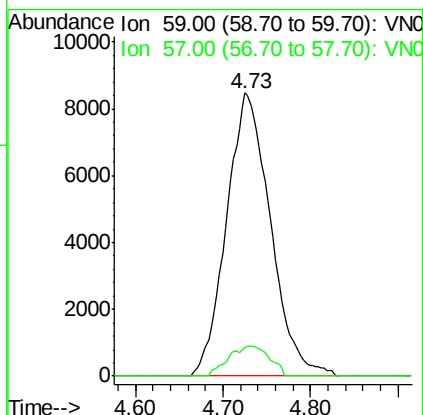
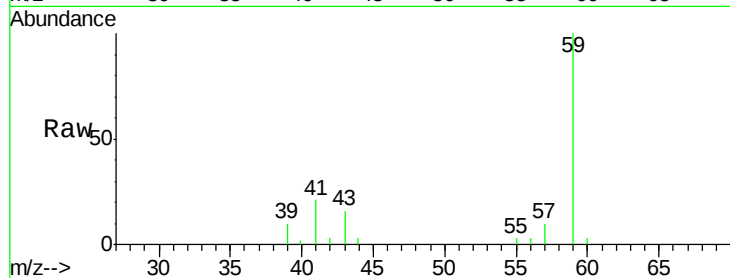




#11
Tert butyl alcohol
Concen: 87.38 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

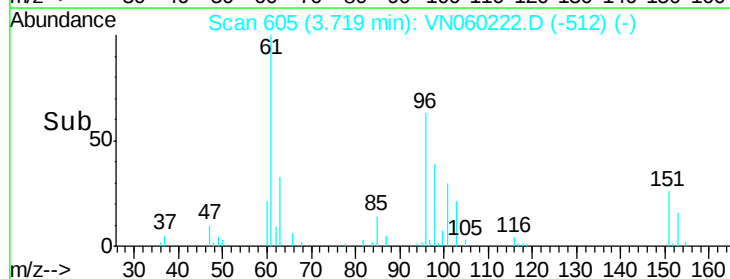
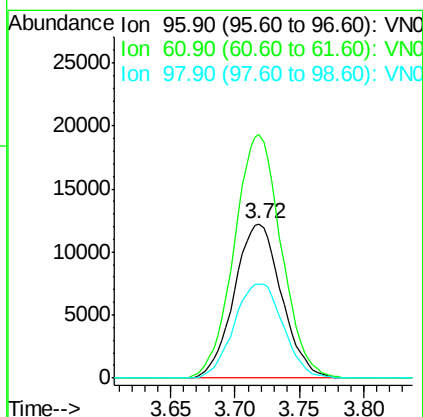
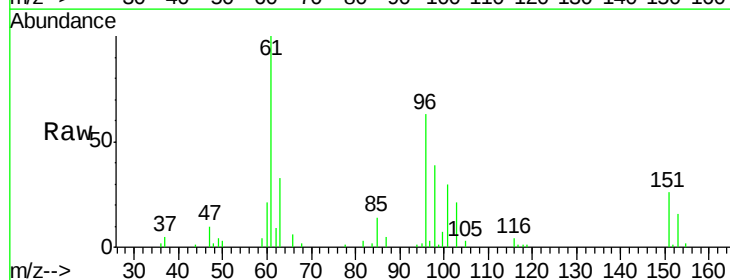
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

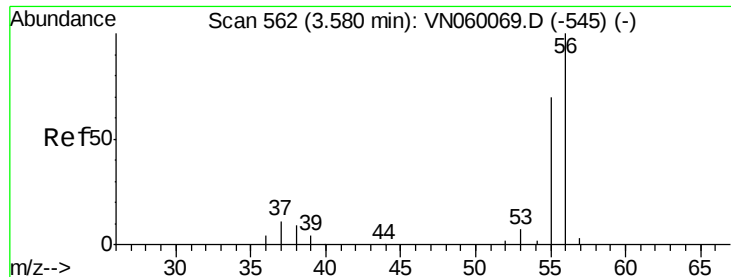
Tgt Ion: 59 Resp: 29511
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.78 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 96 Resp: 31182
Ion Ratio Lower Upper
96 100
61 158.1 128.3 192.5
98 61.2 52.2 78.4





#13

Acrolein

Concen: 81.21 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

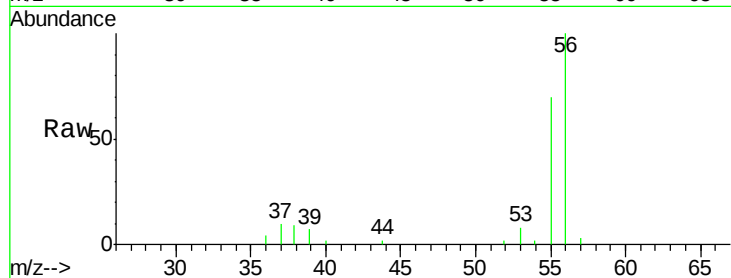
VN0225WBS01

Tgt Ion: 56 Resp: 27110

Ion Ratio Lower Upper

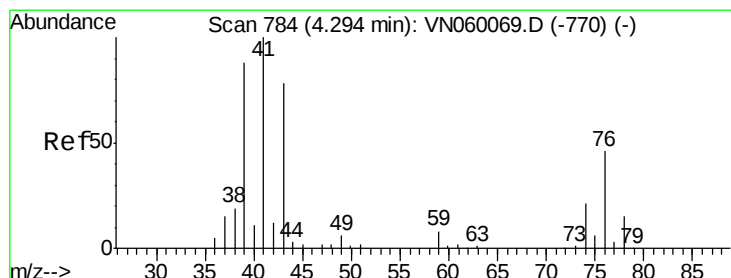
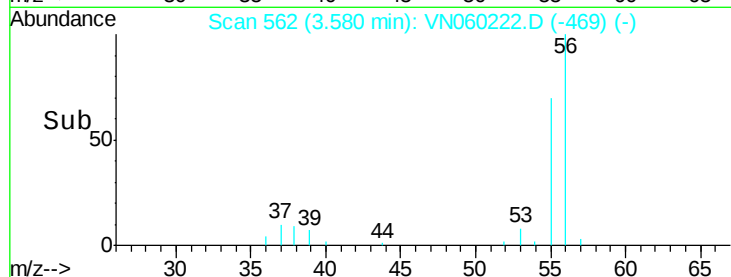
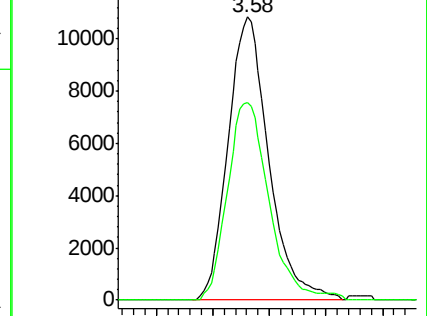
56 100

55 71.4 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.36 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

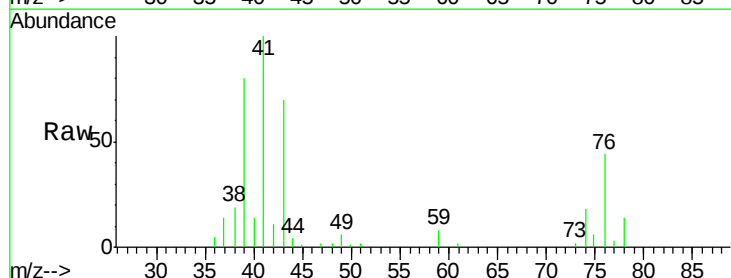
Tgt Ion: 41 Resp: 44809

Ion Ratio Lower Upper

41 100

39 81.8 67.8 101.8

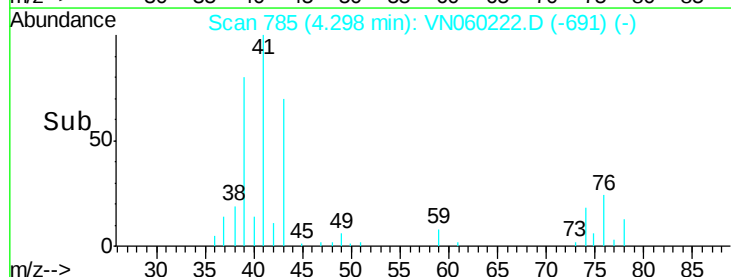
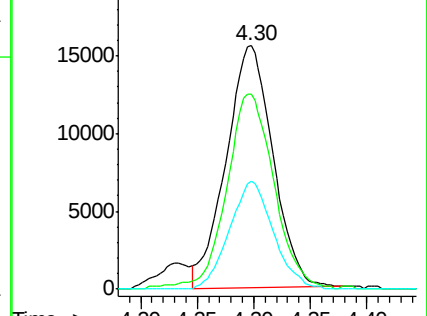
76 41.8 33.9 50.9

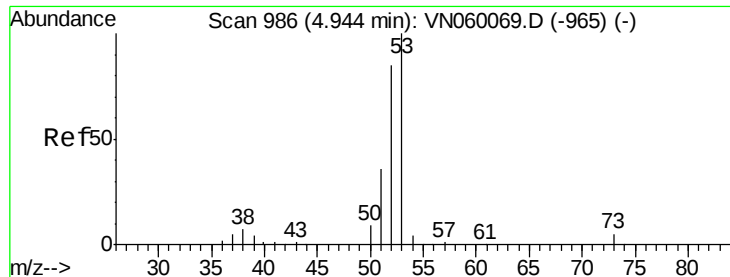


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.70 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

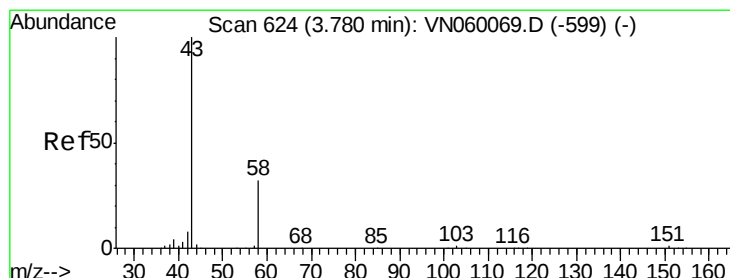
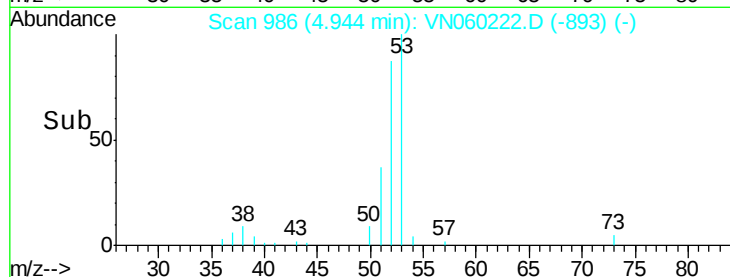
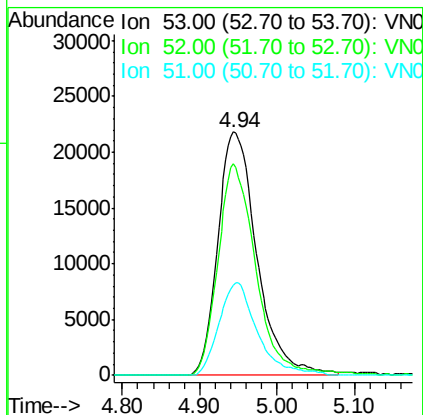
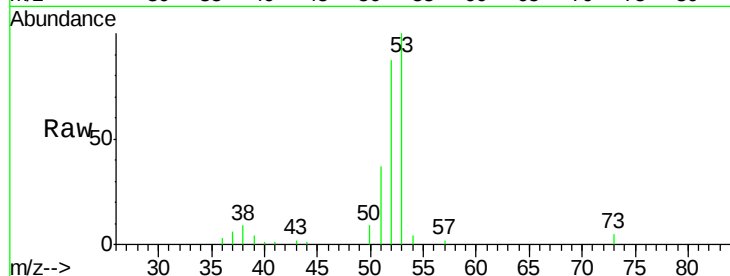
Tgt Ion: 53 Resp: 76459

Ion Ratio Lower Upper

53 100

52 83.8 66.8 100.2

51 37.4 29.4 44.0



#16

Acetone

Concen: 78.06 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060222.D

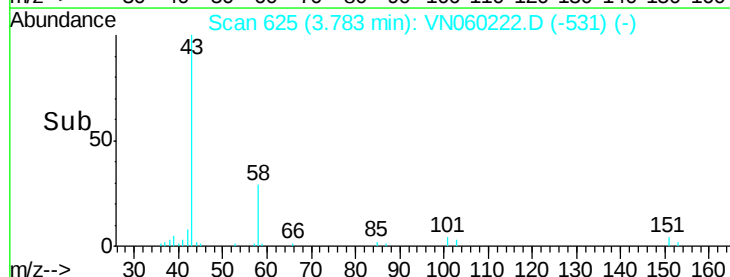
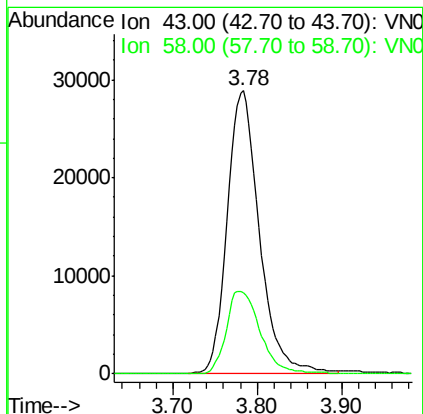
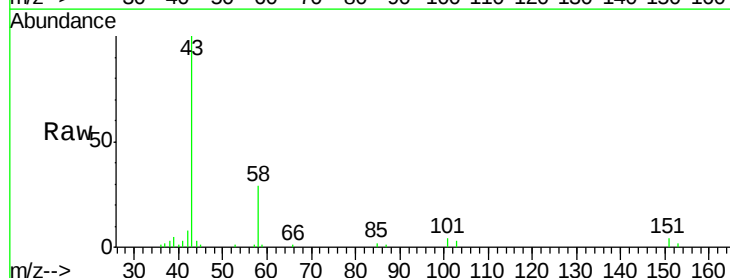
Acq: 25 Feb 2020 10:30

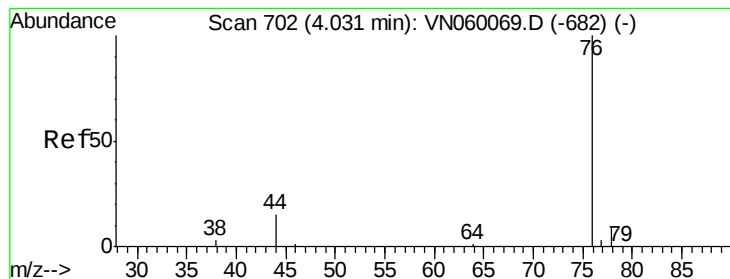
Tgt Ion: 43 Resp: 76847

Ion Ratio Lower Upper

43 100

58 28.8 25.2 37.8





#17

Carbon Disulfide

Concen: 15.85 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

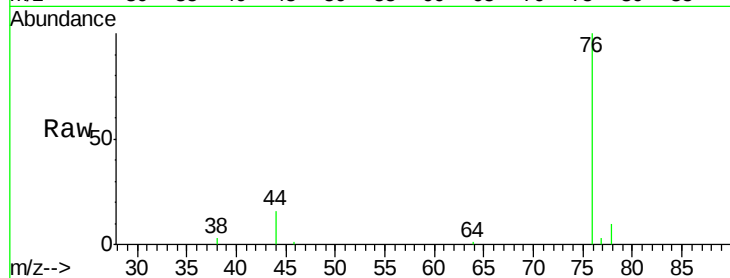
VN0225WBS01

Tgt Ion: 76 Resp: 83769

Ion Ratio Lower Upper

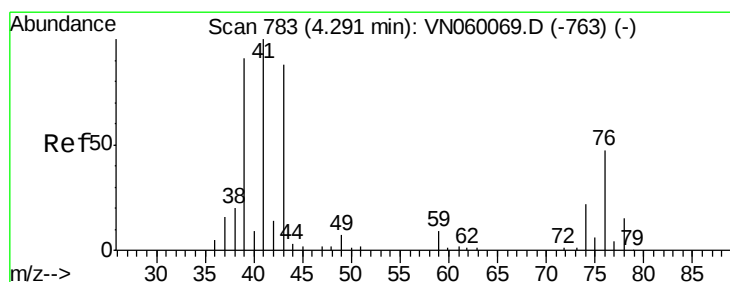
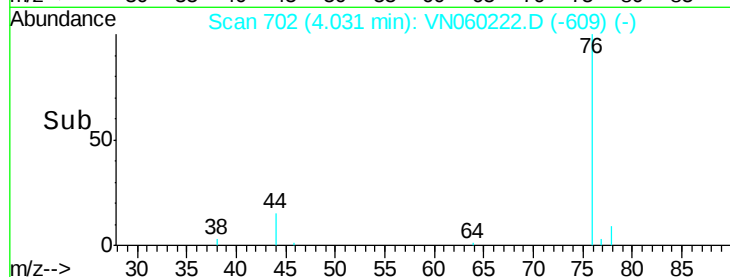
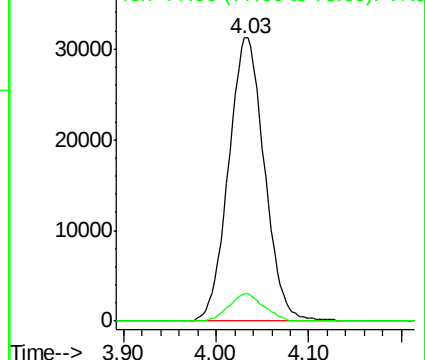
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.21 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN060222.D

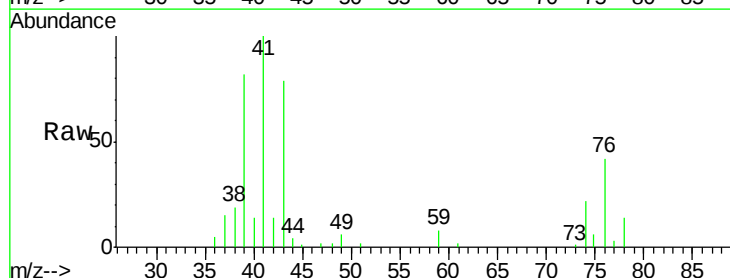
Acq: 25 Feb 2020 10:30

Tgt Ion: 43 Resp: 35517

Ion Ratio Lower Upper

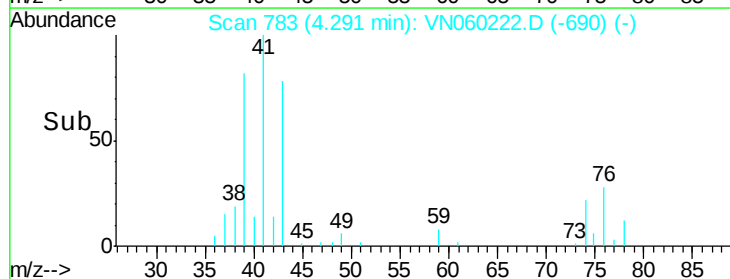
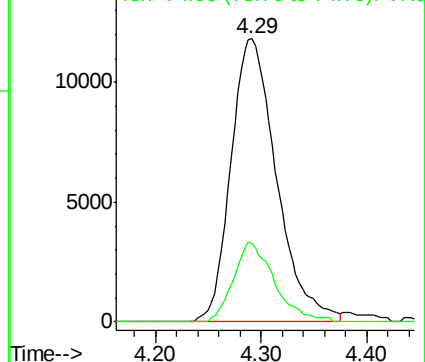
43 100

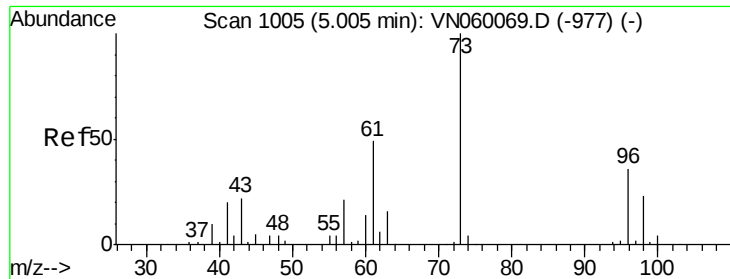
74 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

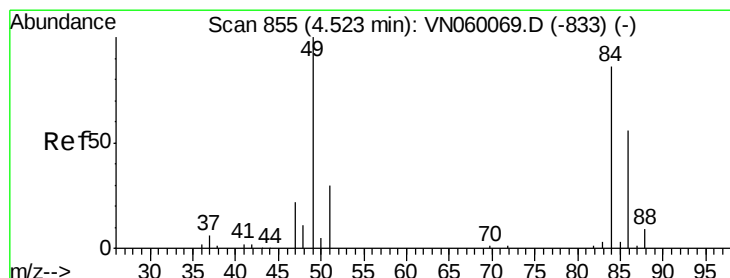
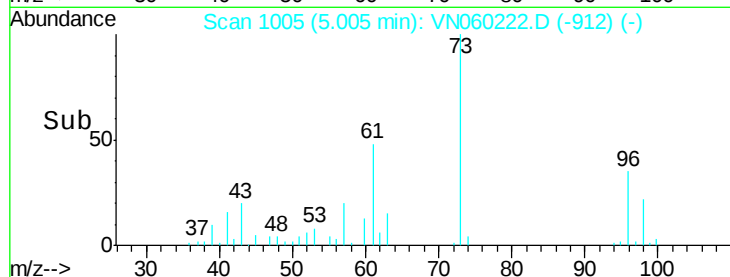
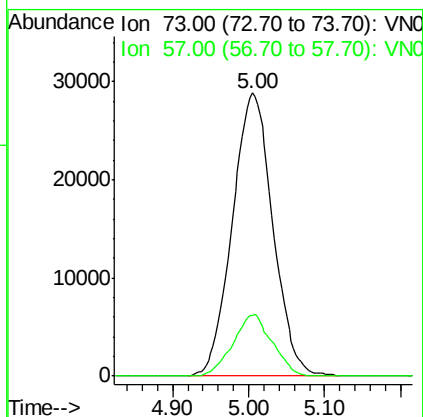
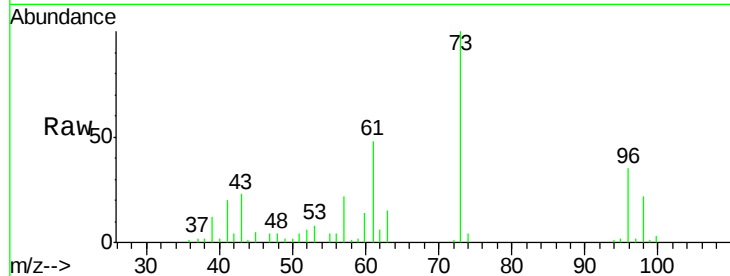




#19
Methyl tert-butyl Ether
Concen: 18.13 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

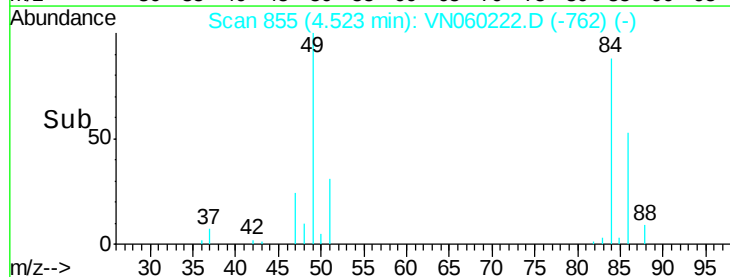
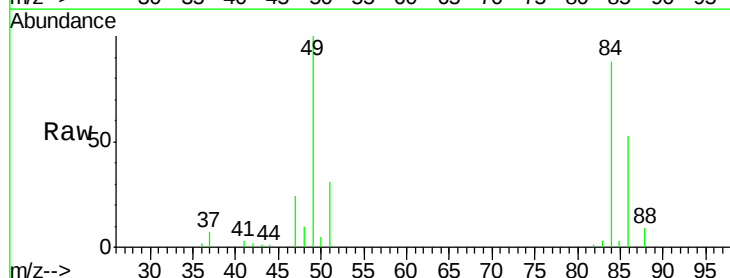
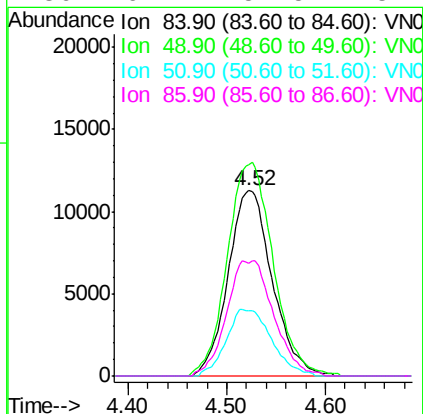
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

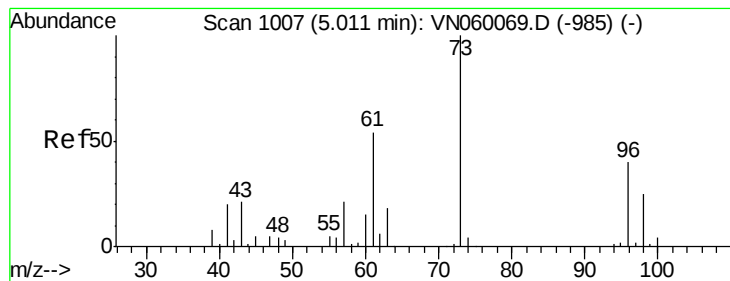
Tgt Ion: 73 Resp: 106893
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 17.84 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 84 Resp: 35034
Ion Ratio Lower Upper
84 100
49 114.2 93.4 140.0
51 35.4 28.4 42.6
86 61.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.00 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

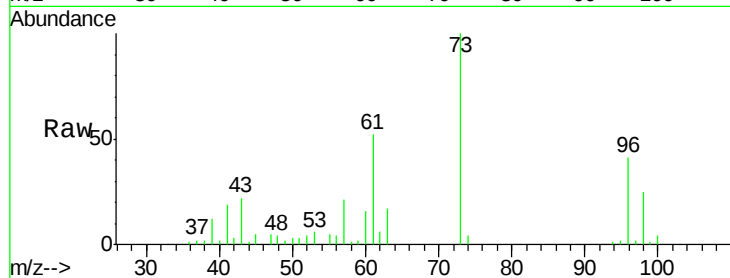
Tgt Ion: 96 Resp: 34398

Ion Ratio Lower Upper

96 100

61 128.4 109.3 163.9

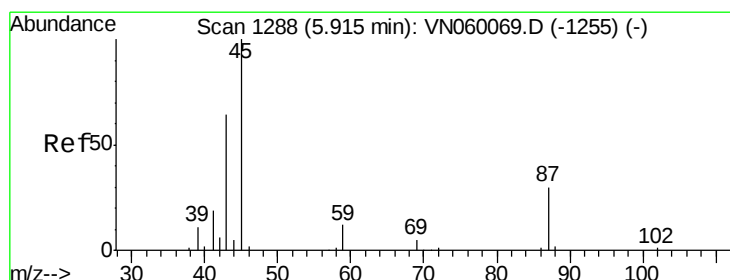
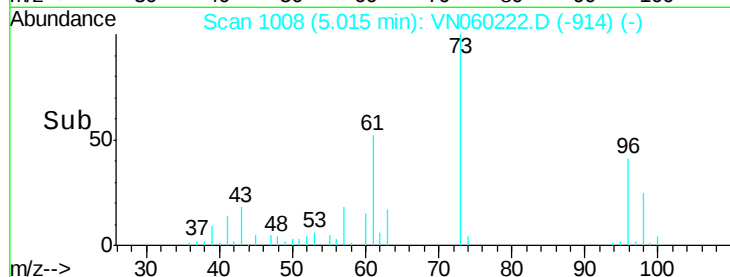
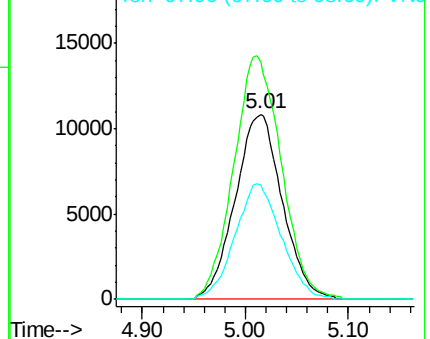
98 61.6 51.0 76.6



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: 18.23 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Tgt Ion: 45 Resp: 103128

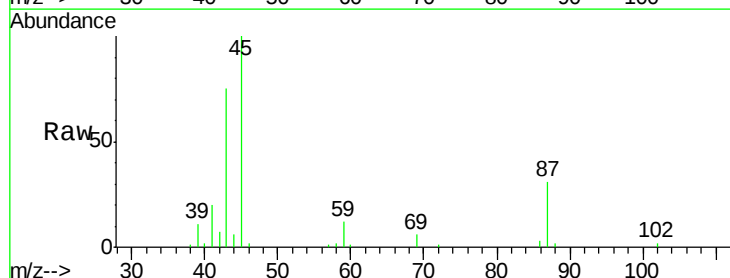
Ion Ratio Lower Upper

45 100

43 73.3 55.9 83.9

87 30.7 24.5 36.7

59 12.4 9.9 14.9

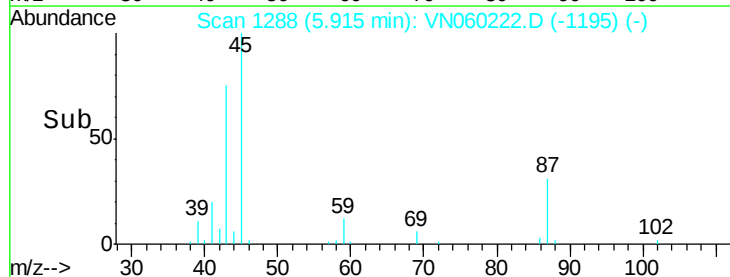
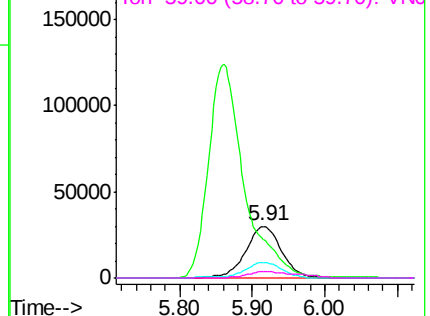


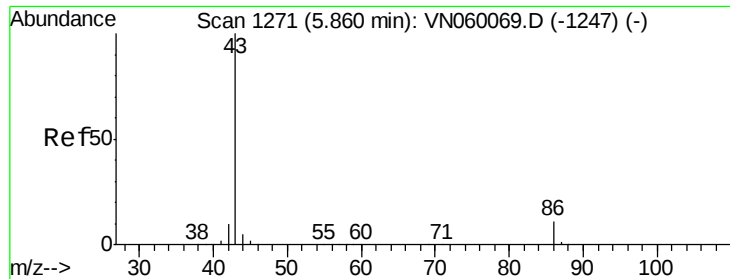
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 89.36 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

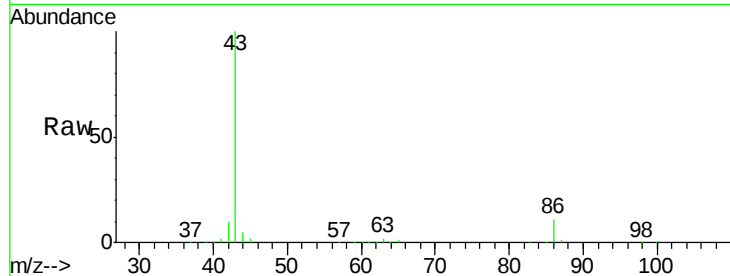
VN0225WBS01

Tgt Ion: 43 Resp: 424452

Ion Ratio Lower Upper

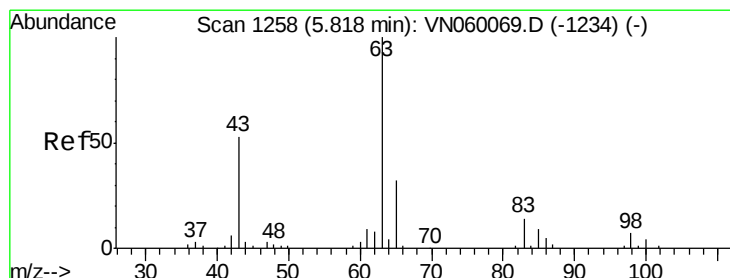
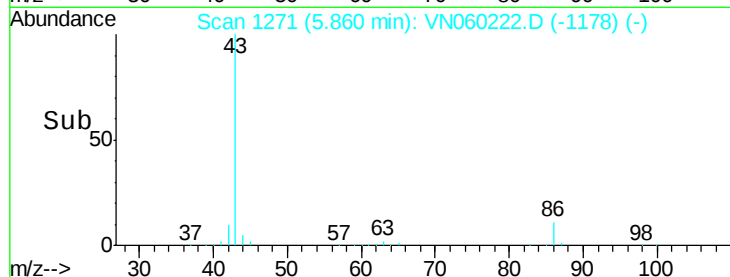
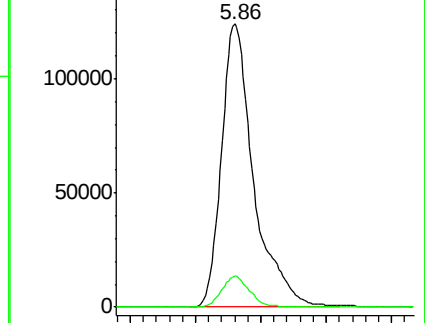
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.13 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

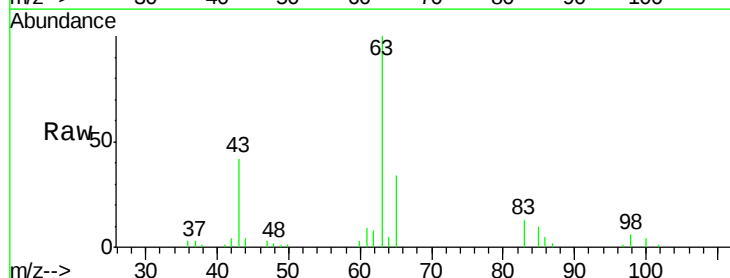
Tgt Ion: 63 Resp: 62139

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

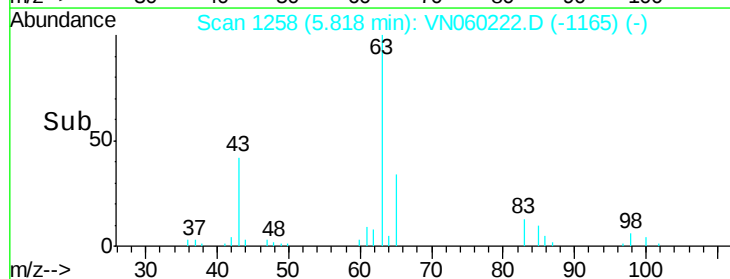
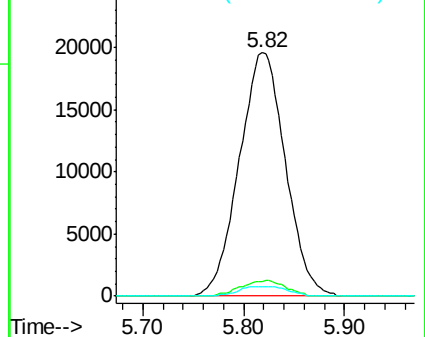
100 3.7 2.2 6.6

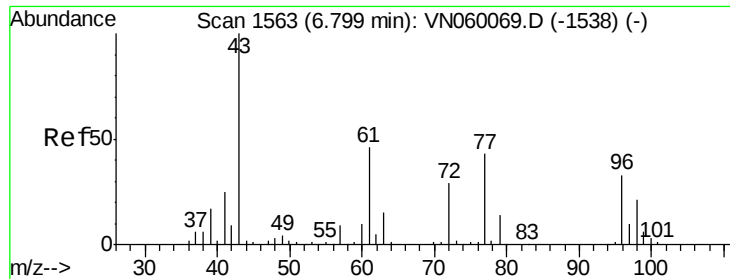


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

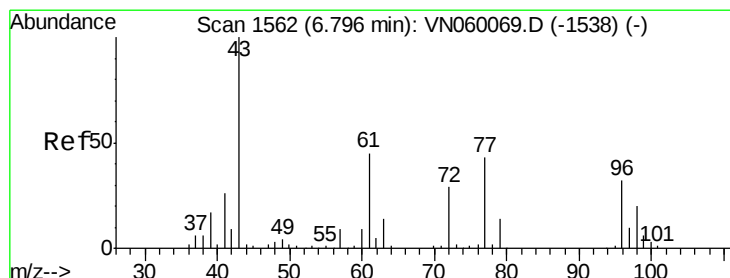
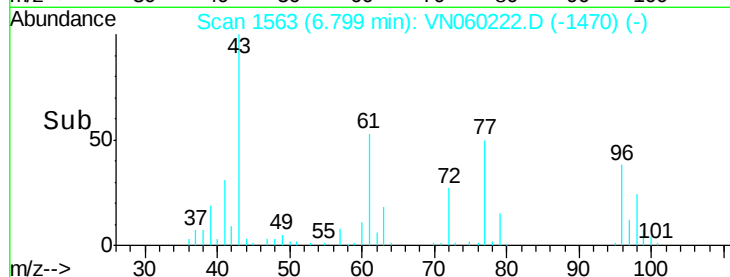
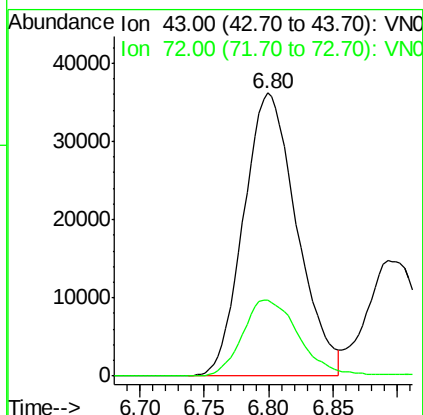
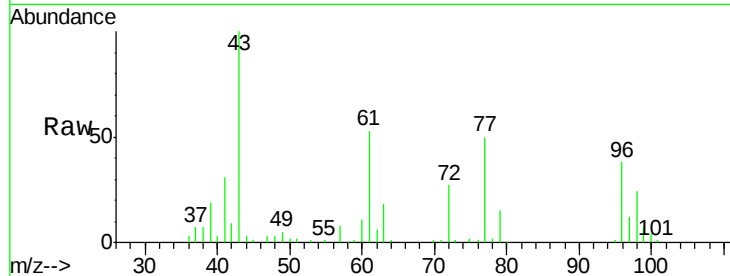




#25
2-Butanone
Concen: 84.09 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

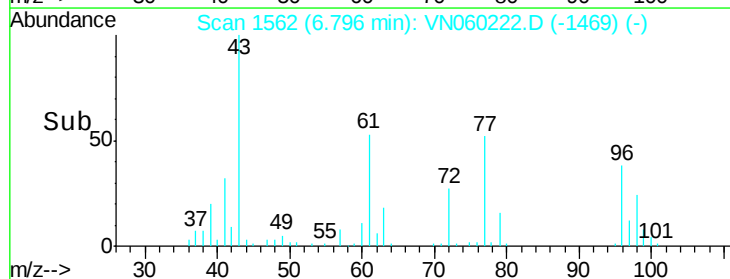
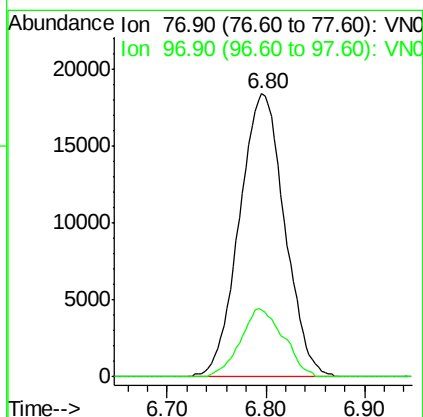
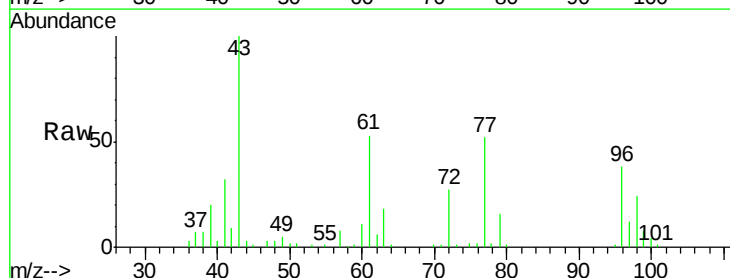
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

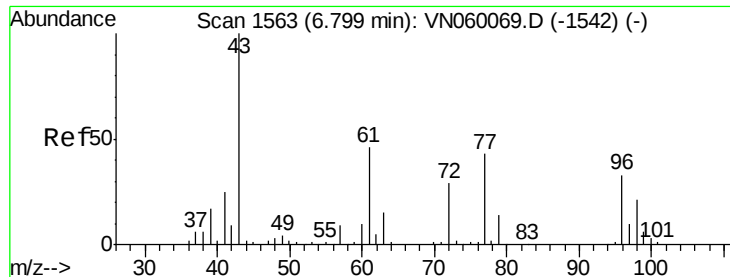
Tgt Ion: 43 Resp: 104105
Ion Ratio Lower Upper
43 100
72 26.8 23.3 34.9



#26
2,2-Dichloropropane
Concen: 17.96 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 77 Resp: 58451
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.75 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

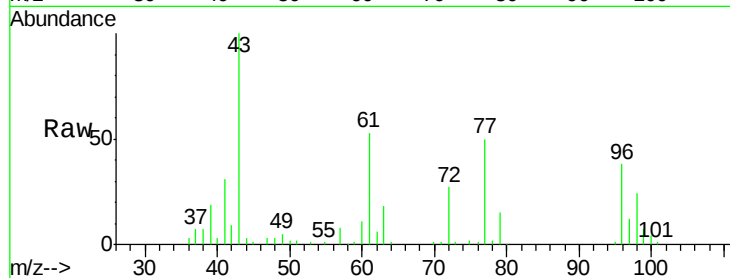
Tgt Ion: 96 Resp: 39715

Ion Ratio Lower Upper

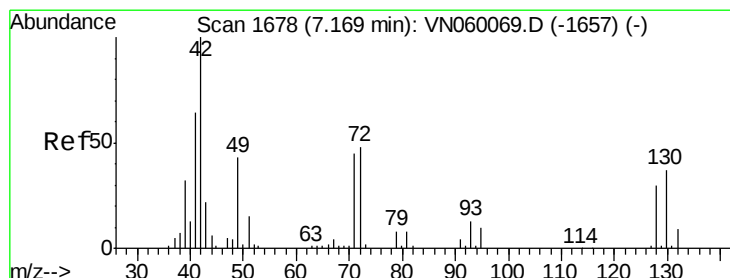
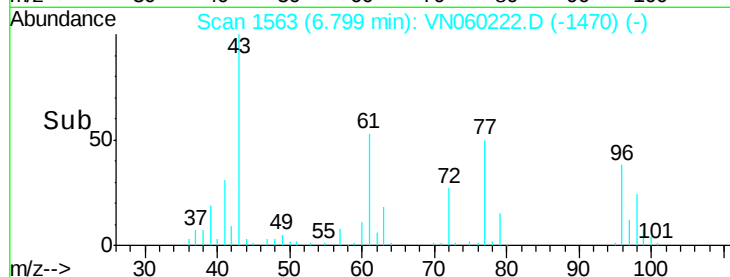
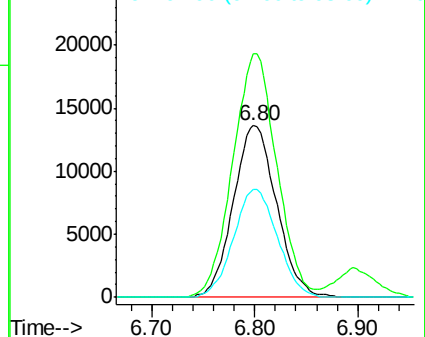
96 100

61 144.5 0.0 285.8

98 63.8 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: 19.05 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

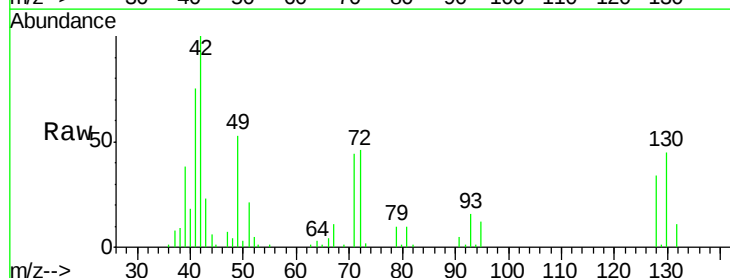
Tgt Ion: 49 Resp: 25668

Ion Ratio Lower Upper

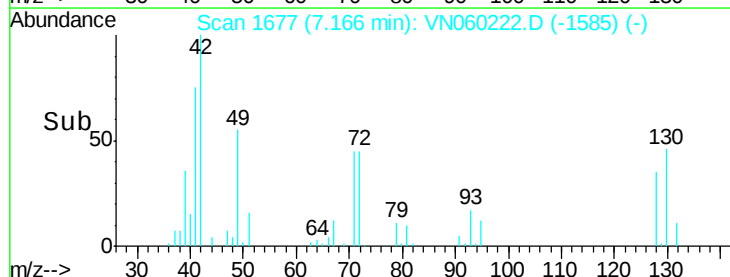
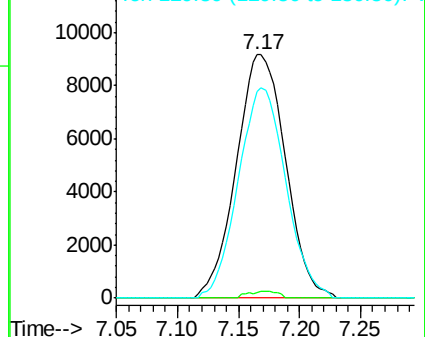
49 100

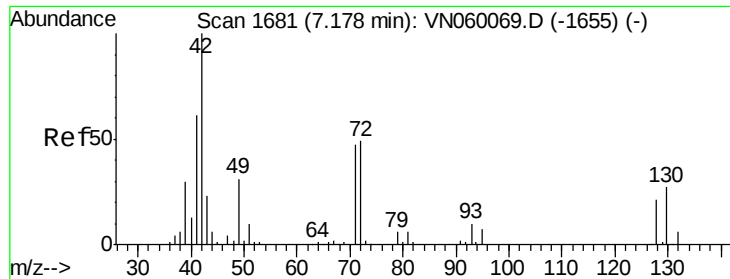
129 1.7 0.0 2.2

130 83.6 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

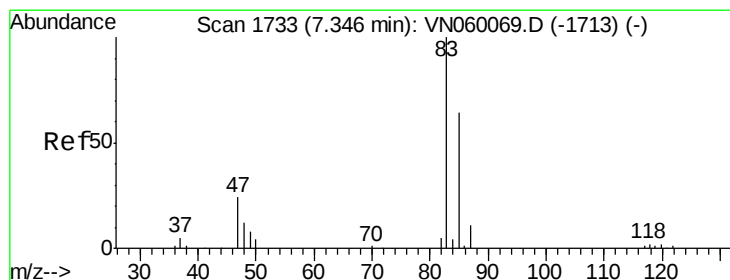
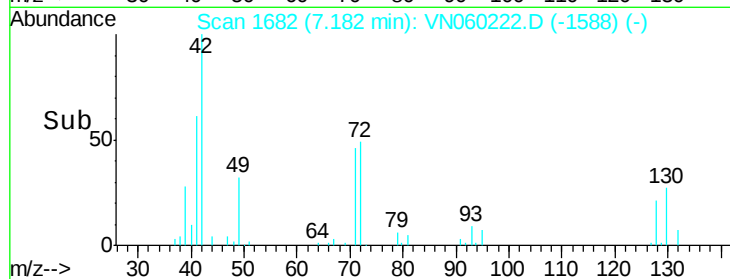
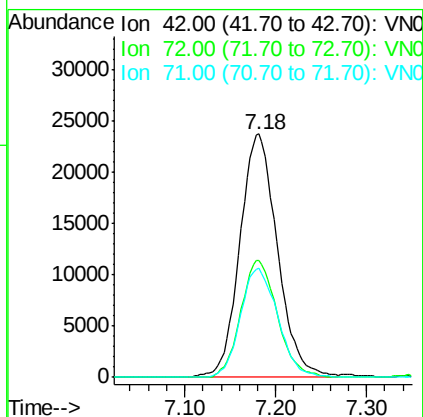
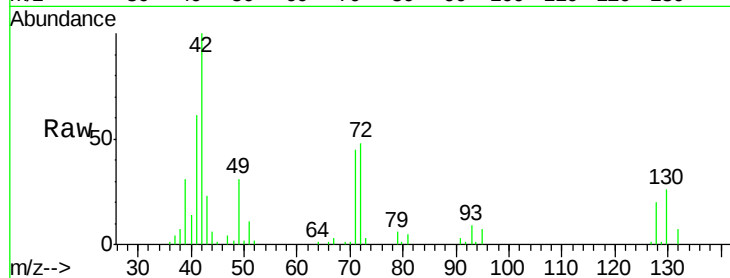




#29
Tetrahydrofuran
Concen: 89.58 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

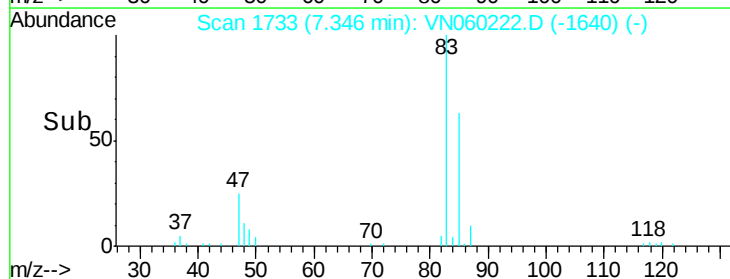
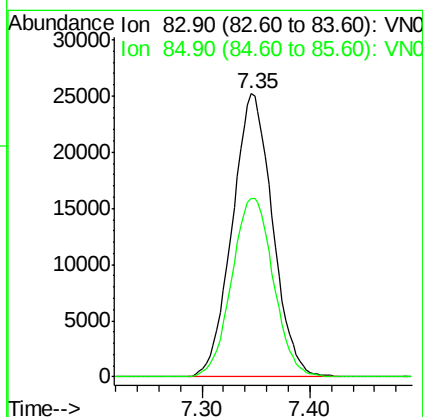
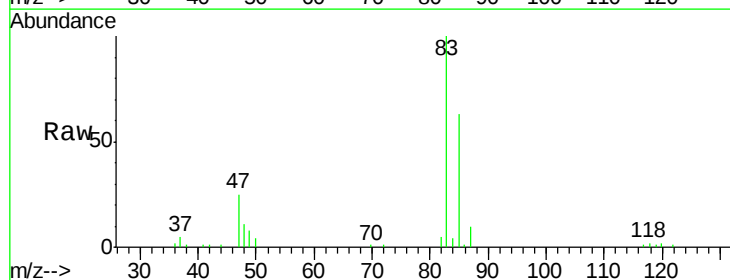
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

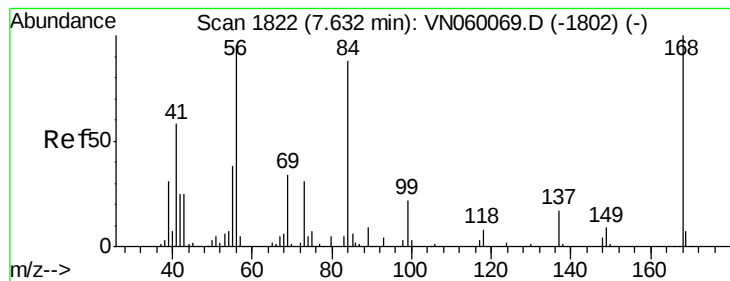
Tgt Ion: 42 Resp: 68041
Ion Ratio Lower Upper
42 100
72 46.5 38.2 57.4
71 44.4 36.6 54.8



#30
Chloroform
Concen: 18.26 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 83 Resp: 65536
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0





#31

Cyclohexane

Concen: 17.58 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

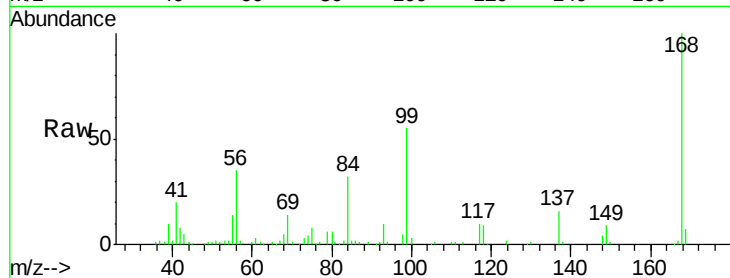
Tgt Ion: 56 Resp: 56103

Ion Ratio Lower Upper

56 100

69 39.9 28.3 42.5

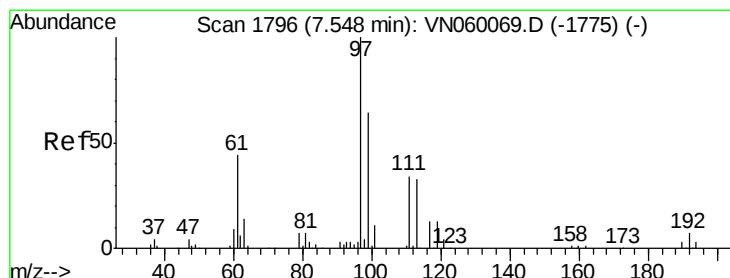
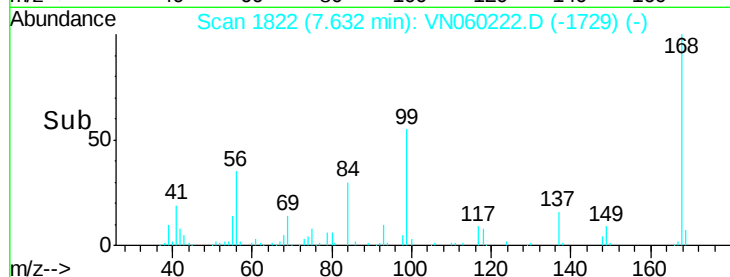
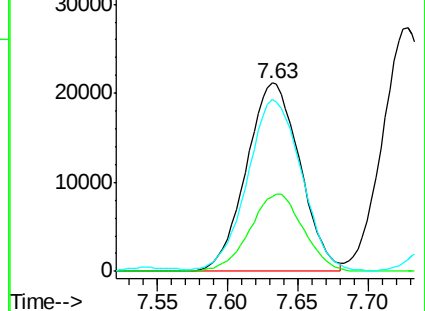
84 89.8 72.6 108.8



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN060069.D (-1802) (-)



#32

1,1,1-Trichloroethane

Concen: 18.08 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

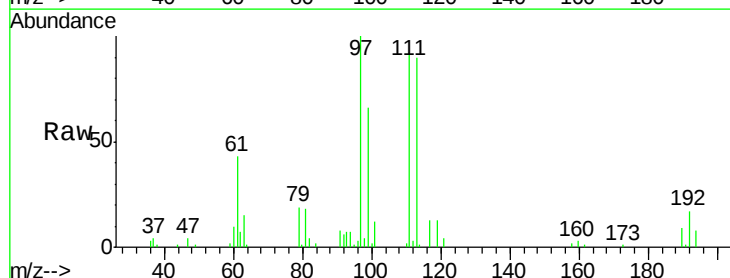
Tgt Ion: 97 Resp: 59300

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

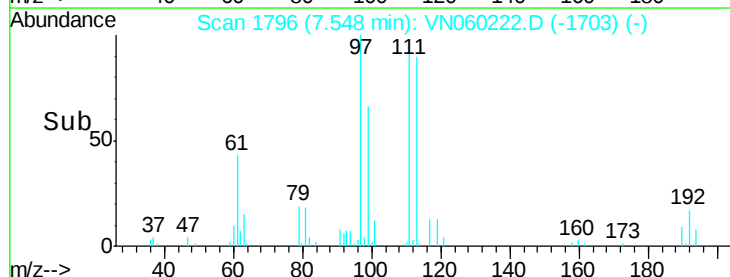
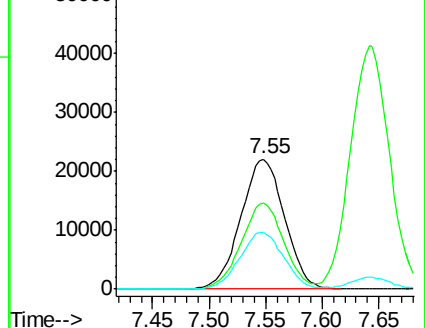
61 44.1 34.9 52.3

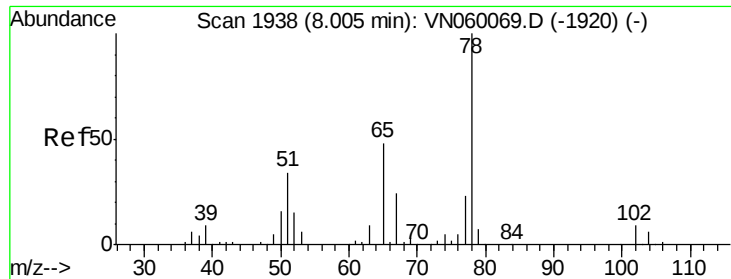


Abundance Ion 96.90 (96.60 to 97.60): VN060069.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN060069.D (-1775) (-)

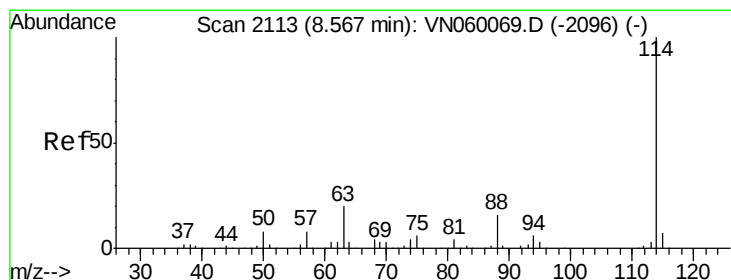
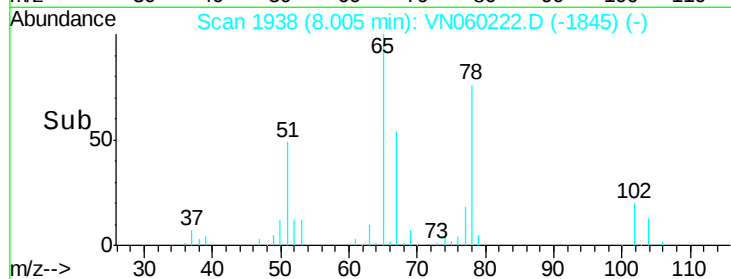
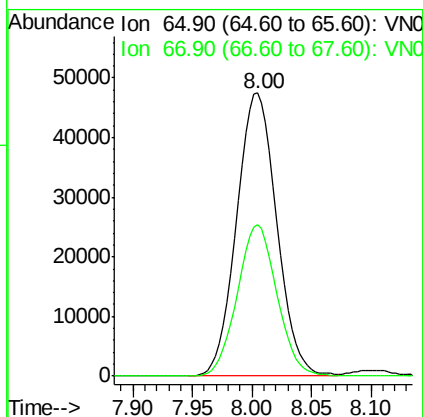
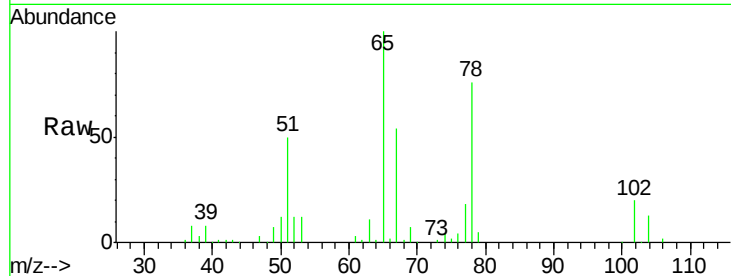




#33
 1,2-Dichloroethane-d4
 Concen: 49.26 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

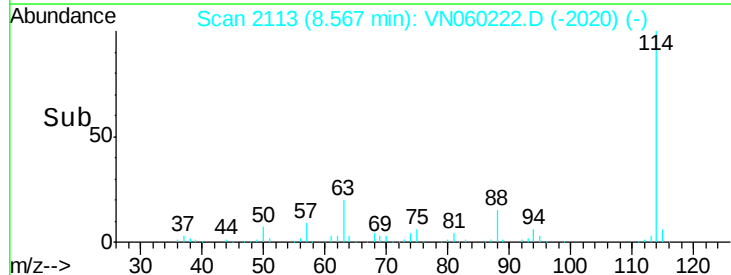
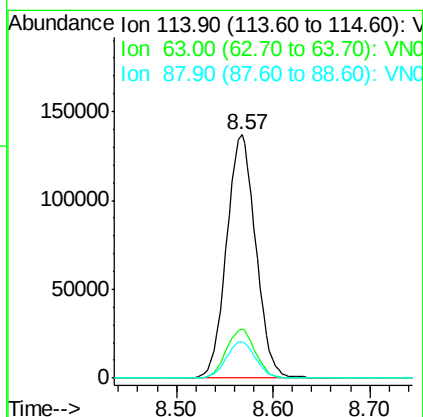
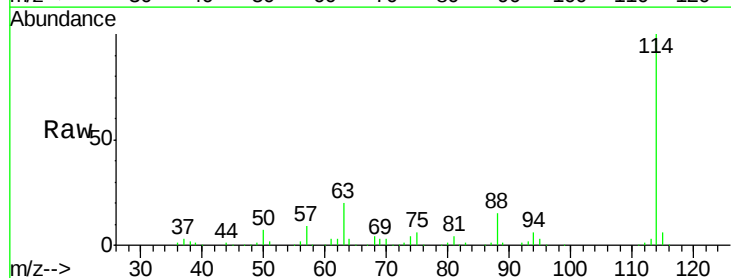
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

Tgt Ion: 65 Resp: 111170
 Ion Ratio Lower Upper
 65 100
 67 52.9 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: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 114 Resp: 286777
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.0 0.0 31.6

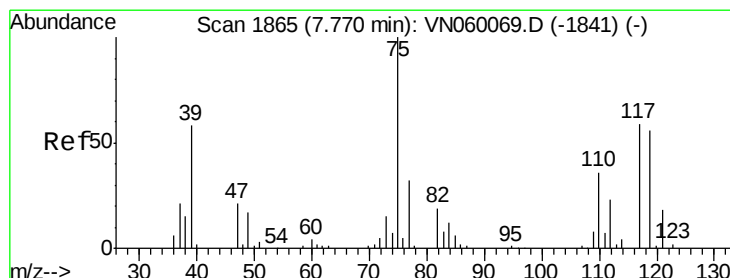
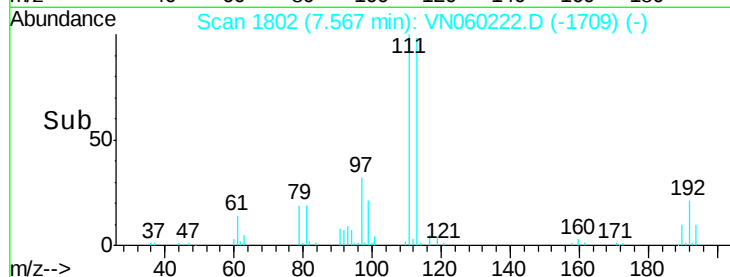
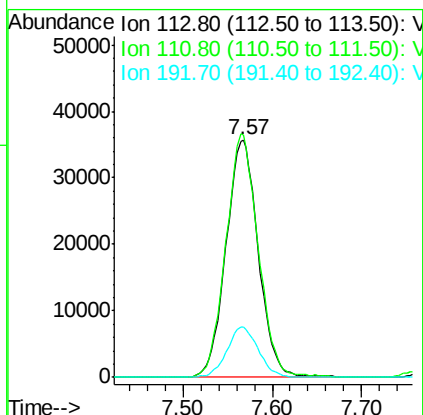
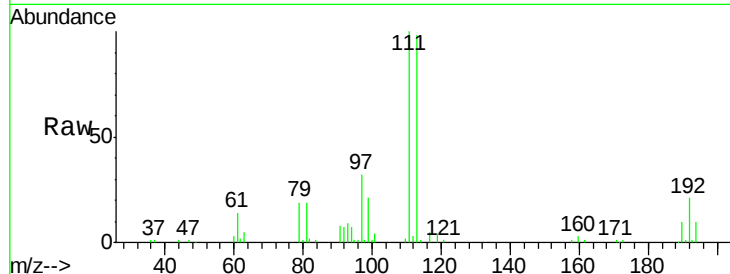




#35
 Dibromofluoromethane
 Concen: 50.71 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

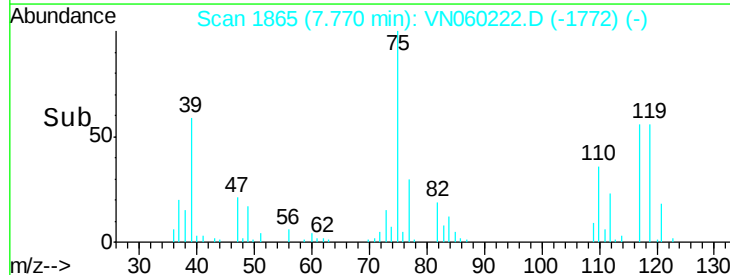
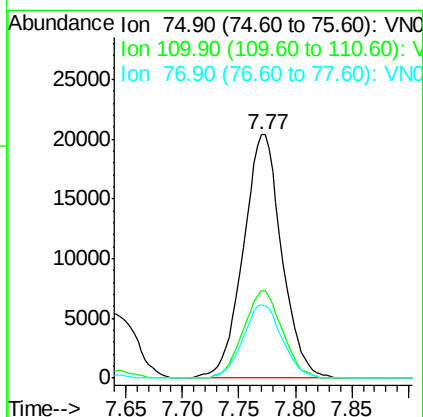
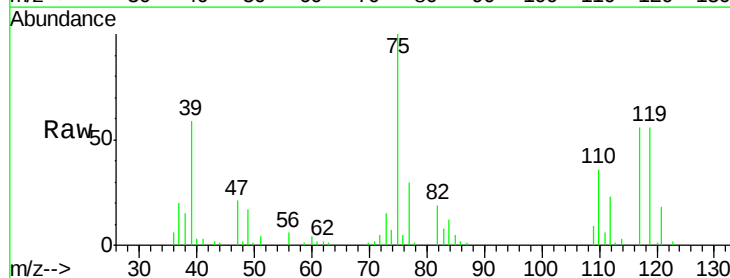
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

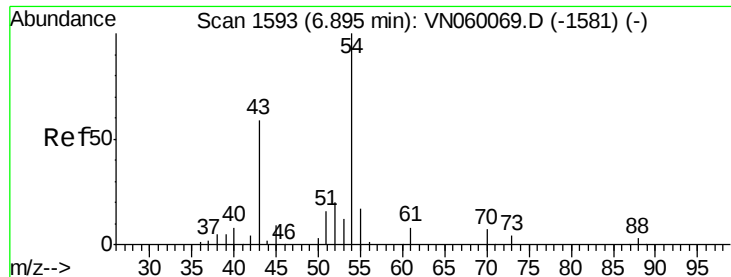
Tgt Ion: 113 Resp: 89400
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 20.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 18.15 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 75 Resp: 48200
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.3
 77 30.5 25.1 37.7

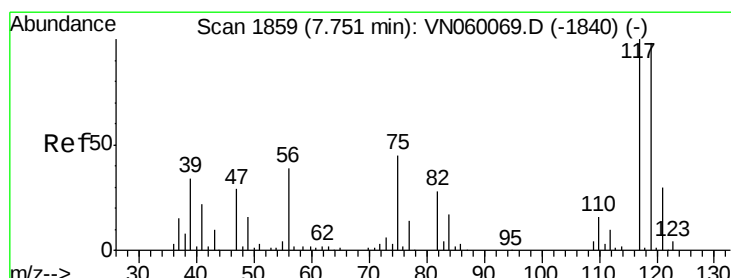
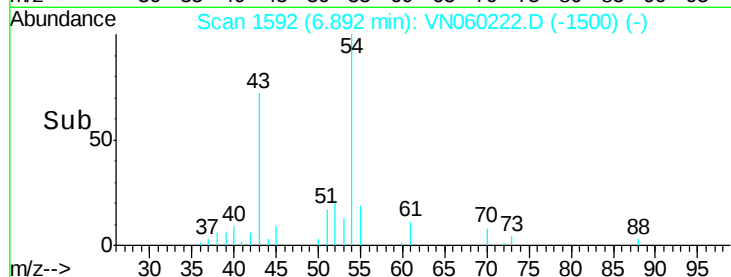
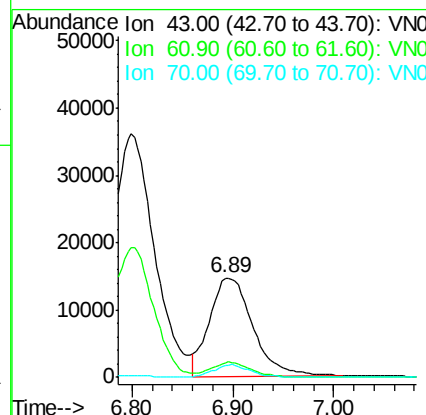
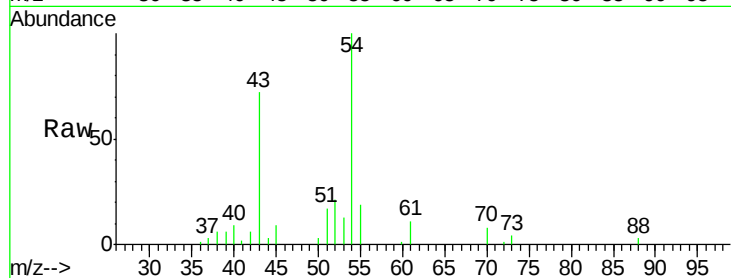




#37
Ethyl Acetate
 Concen: 18.11 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

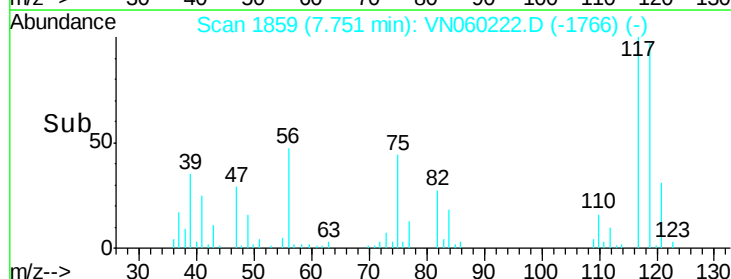
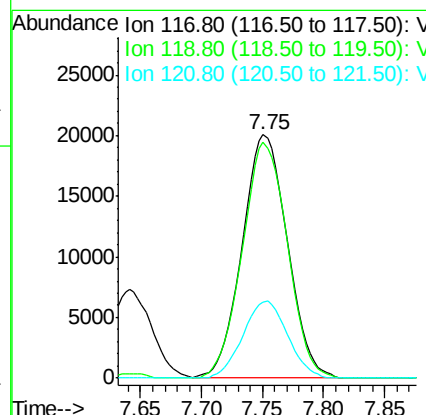
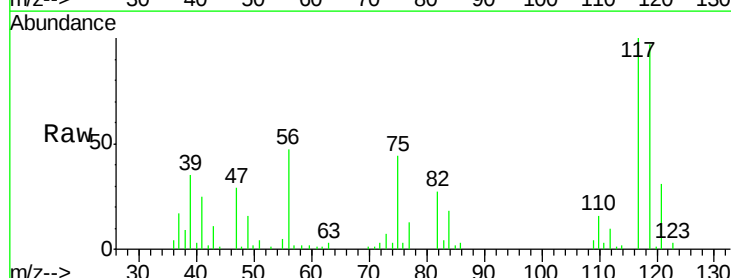
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

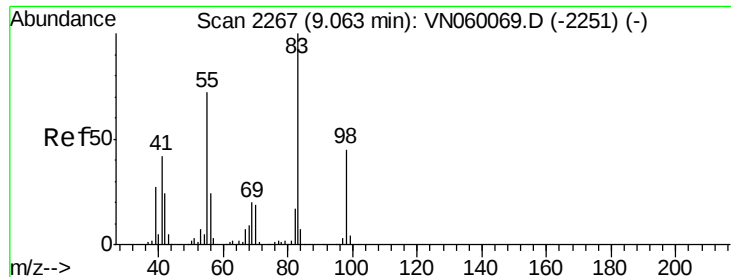
Tgt Ion: 43 Resp: 43480
 Ion Ratio Lower Upper
 43 100
 61 14.4 11.4 17.2
 70 10.9 8.7 13.1



#38
Carbon Tetrachloride
 Concen: 17.87 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 117 Resp: 51546
 Ion Ratio Lower Upper
 117 100
 119 96.7 78.2 117.4
 121 31.4 24.2 36.2

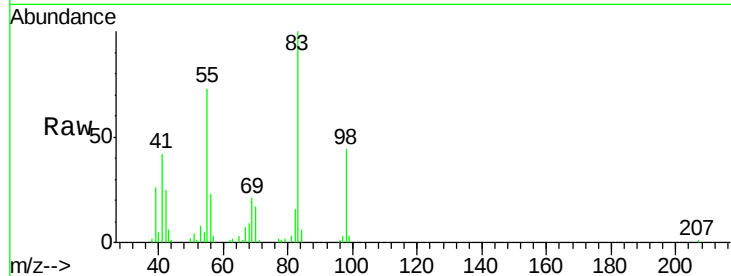




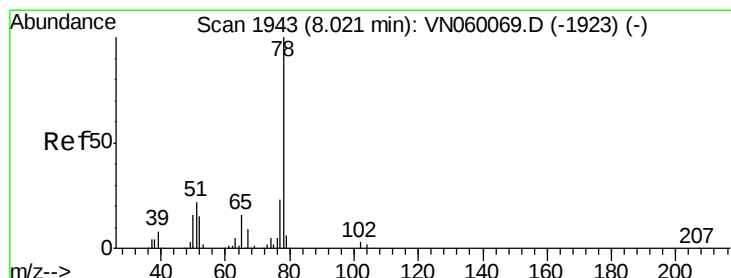
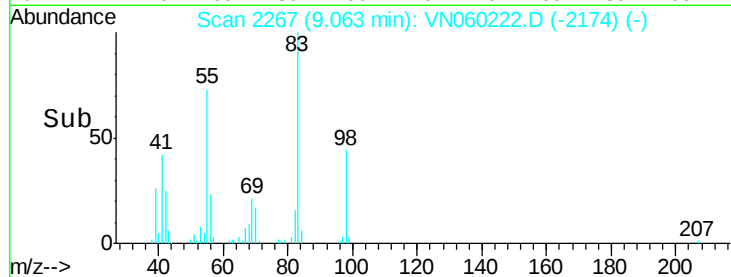
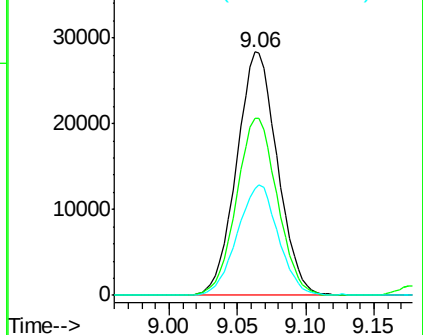
#39
Methylcyclohexane
Concen: 17.85 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 83 Resp: 58872
Ion Ratio Lower Upper
83 100
55 72.6 57.8 86.8
98 43.8 36.4 54.6

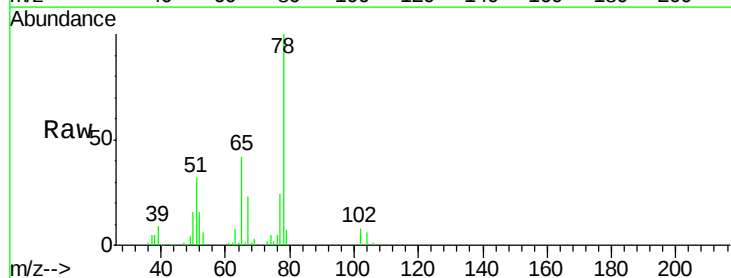


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

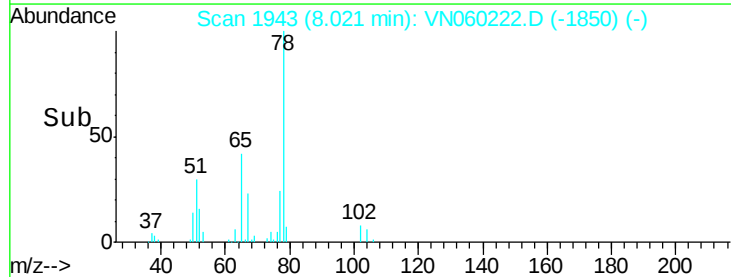
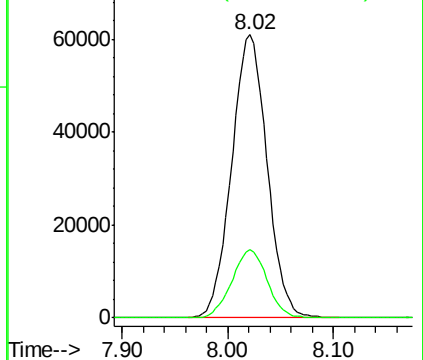


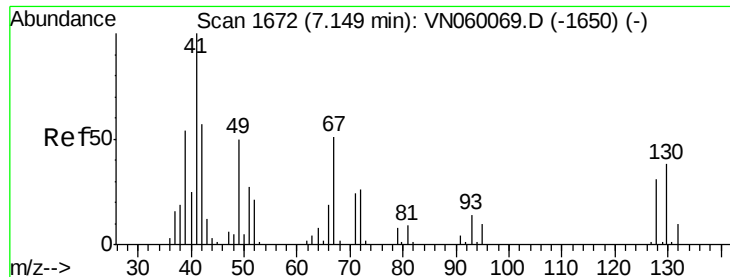
#40
Benzene
Concen: 18.07 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 78 Resp: 142352
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



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

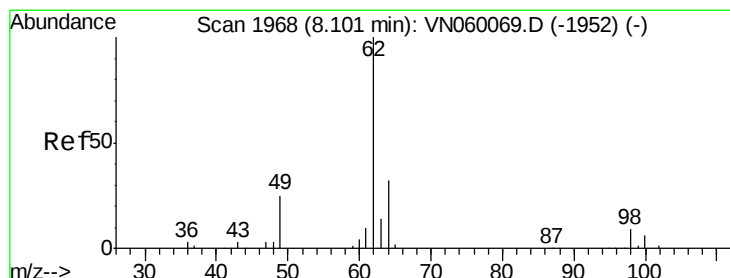
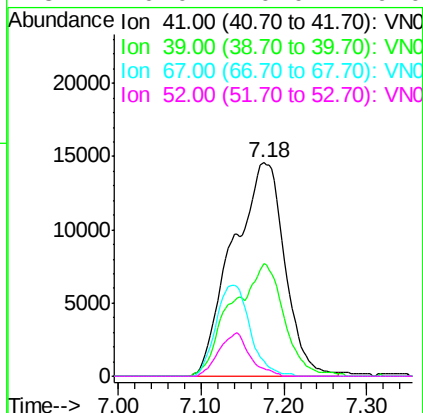
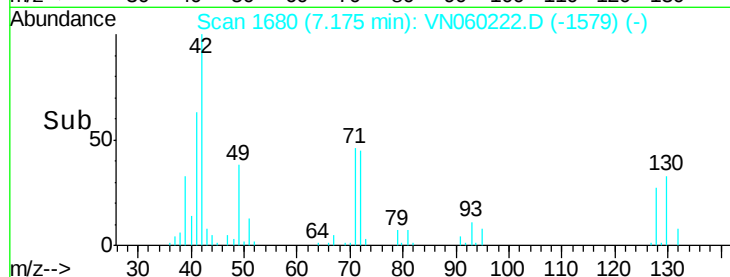
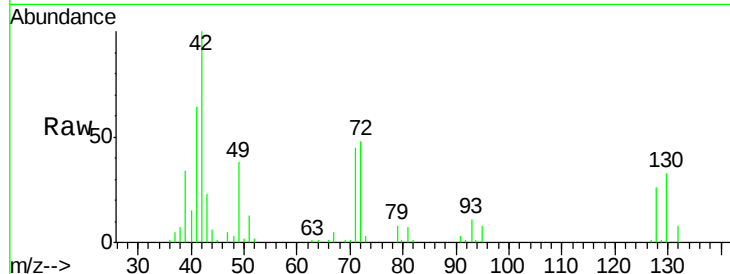




#41
Methacrylonitrile
Concen: 63.12 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

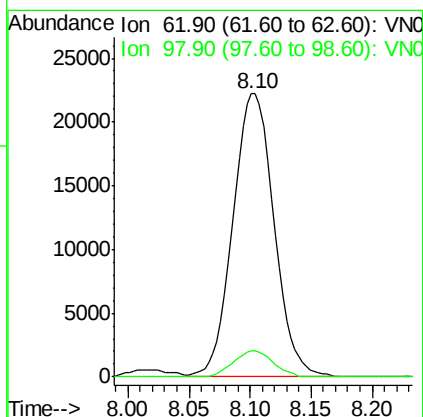
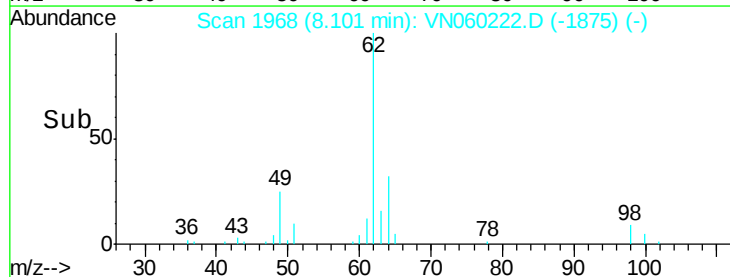
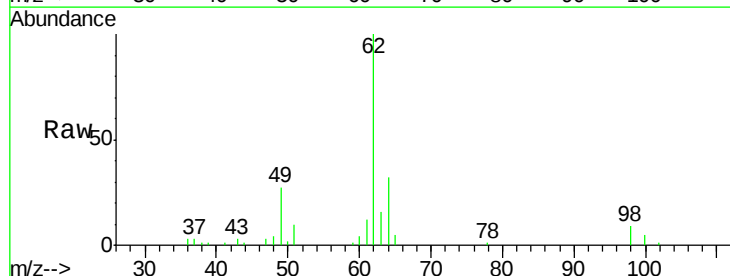
Instrument :
MSVOA_N
ClientSampled :
VN0225WBS01

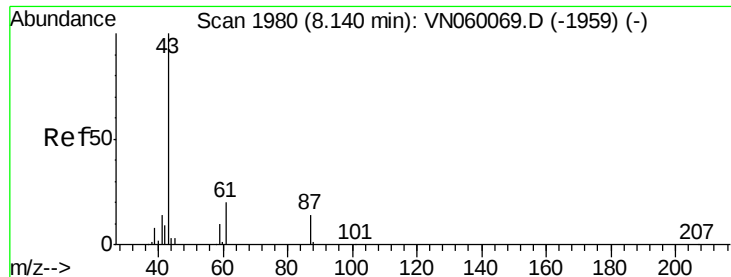
Tgt Ion:	41	Resp:	63545
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.80 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion:	62	Resp:	51910
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.15 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

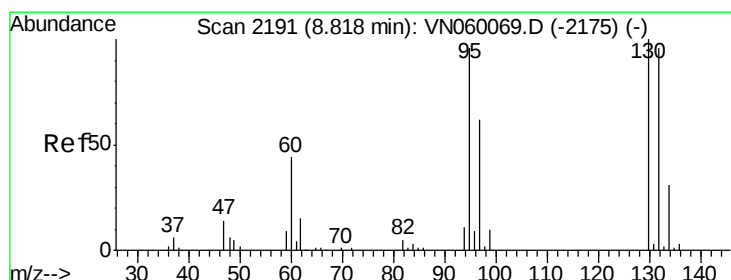
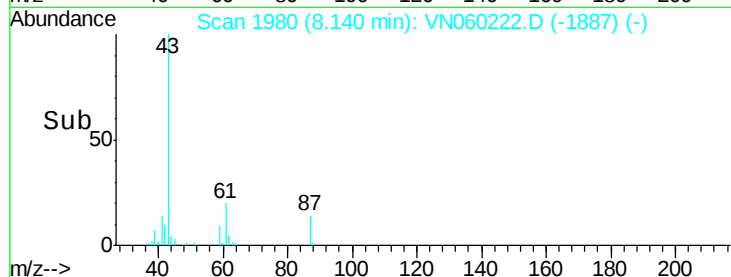
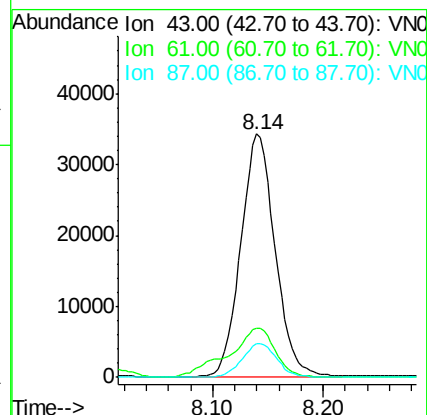
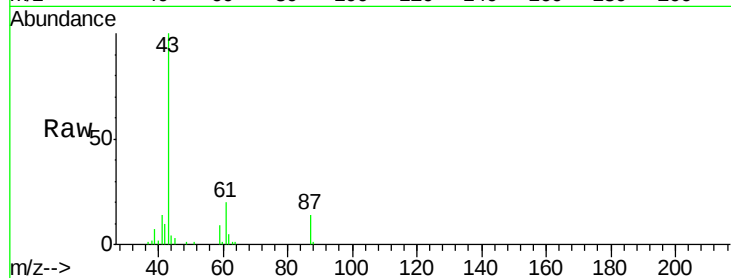
Tgt Ion: 43 Resp: 74471

Ion Ratio Lower Upper

43 100

61 27.5 21.8 32.6

87 13.9 11.4 17.2



#44

Trichloroethene

Concen: 18.39 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060222.D

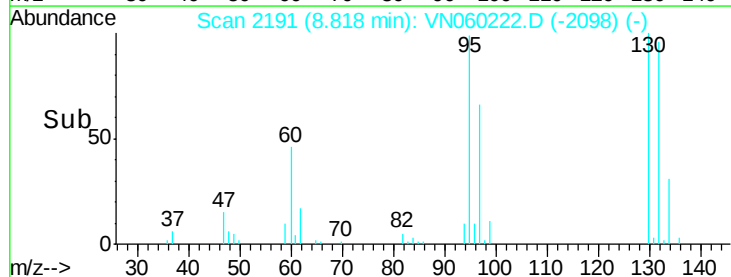
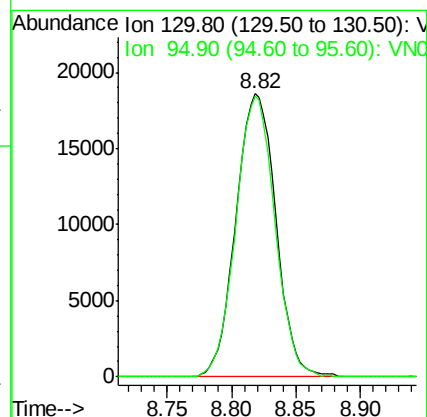
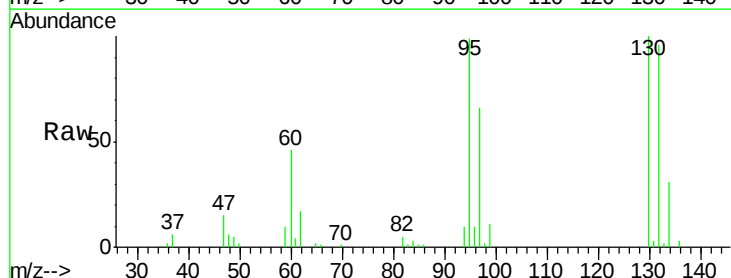
Acq: 25 Feb 2020 10:30

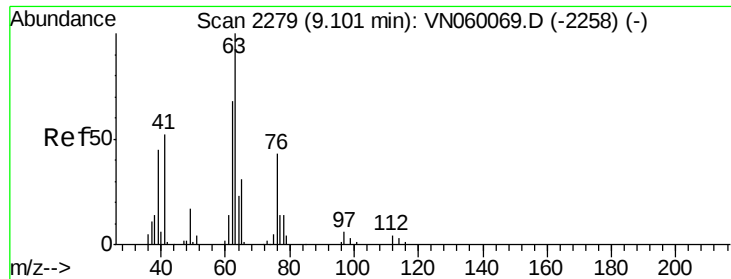
Tgt Ion: 130 Resp: 40133

Ion Ratio Lower Upper

130 100

95 99.2 0.0 192.4





#45

1,2-Dichloropropane

Concen: 19.19 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

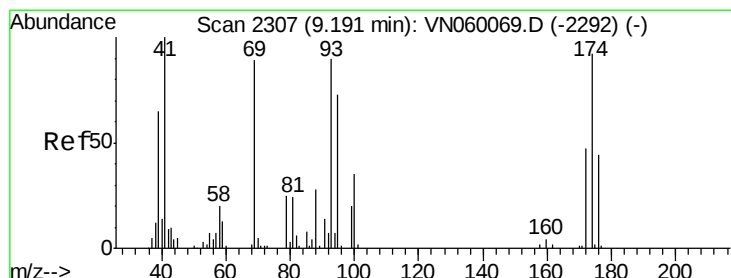
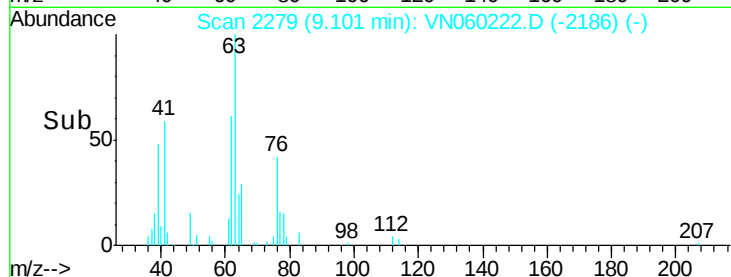
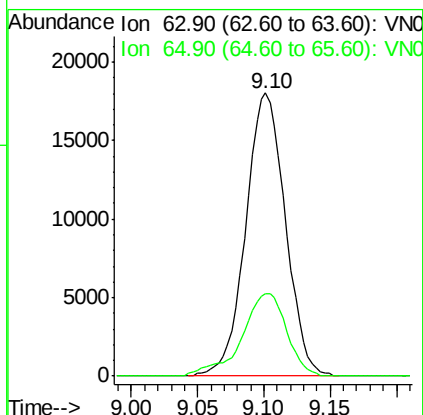
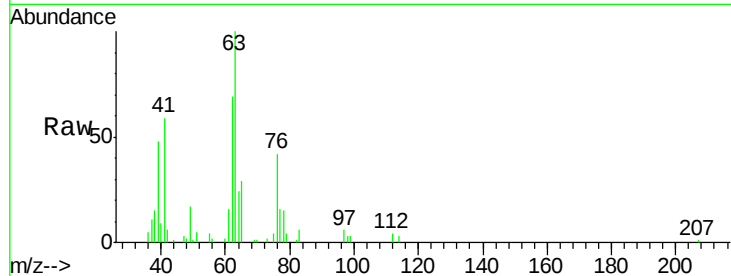
VN0225WBS01

Tgt Ion: 63 Resp: 37443

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.4



#46

Dibromomethane

Concen: 18.03 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

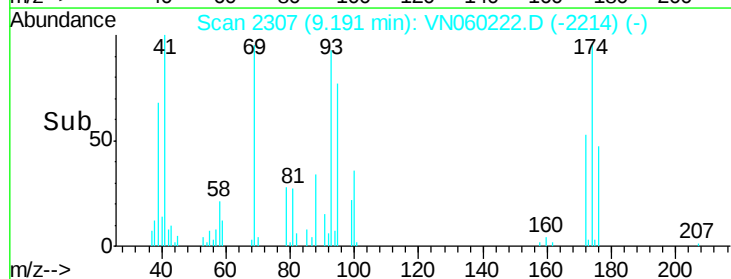
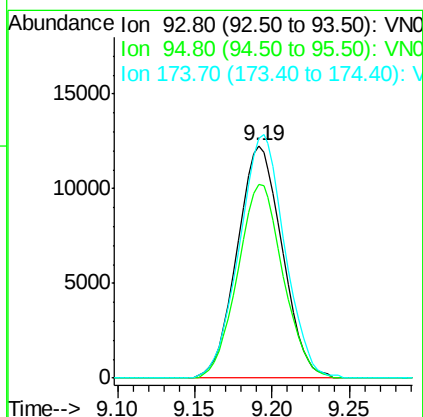
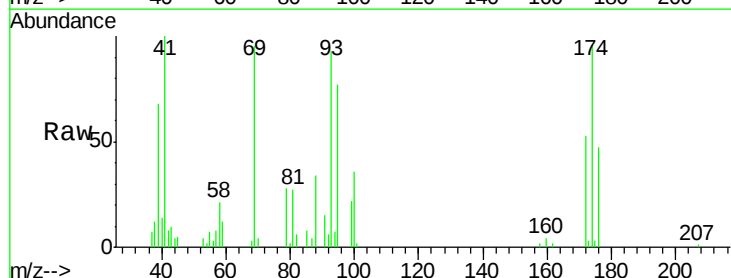
Tgt Ion: 93 Resp: 24861

Ion Ratio Lower Upper

93 100

95 83.6 65.0 97.6

174 105.8 82.3 123.5





#47

Bromodichloromethane

Concen: 18.56 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

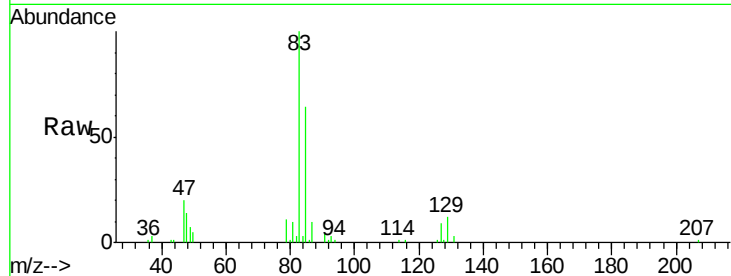
Tgt Ion: 83 Resp: 52007

Ion Ratio Lower Upper

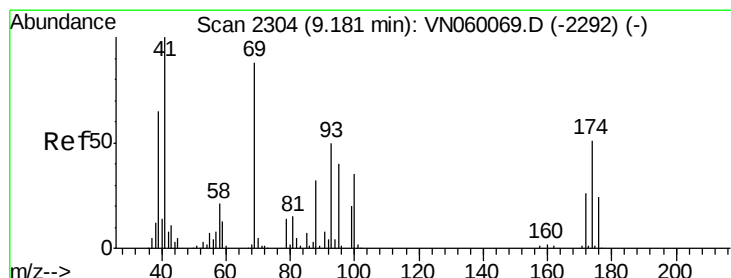
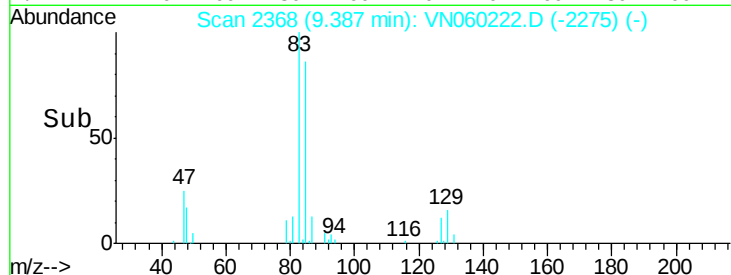
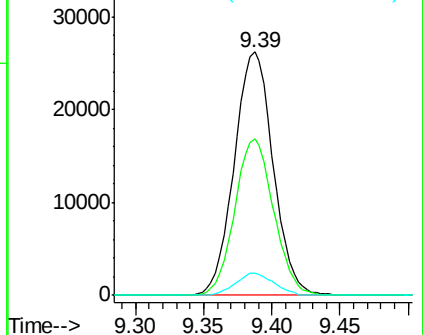
83 100

85 64.1 50.6 75.8

127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.11 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

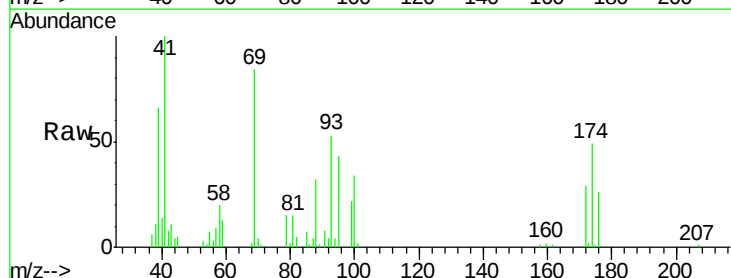
Tgt Ion: 41 Resp: 31501

Ion Ratio Lower Upper

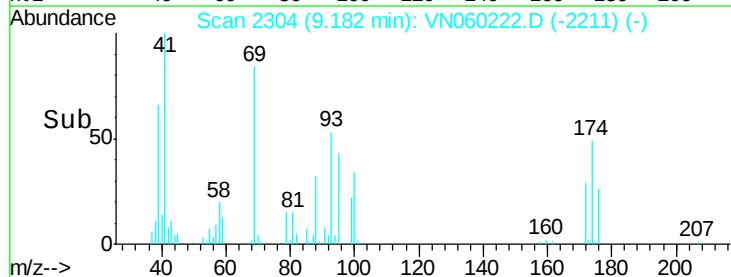
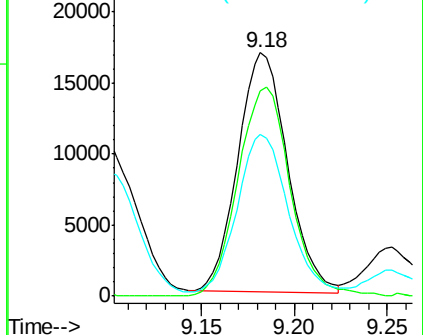
41 100

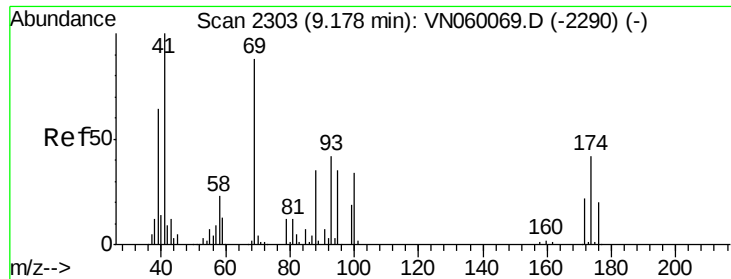
69 92.3 72.0 108.0

39 68.4 54.1 81.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

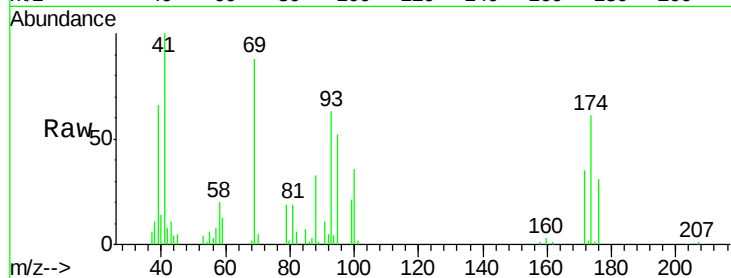




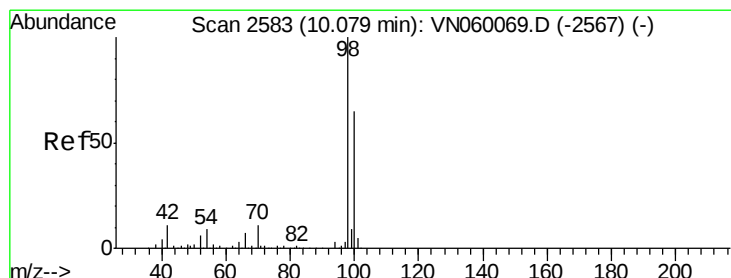
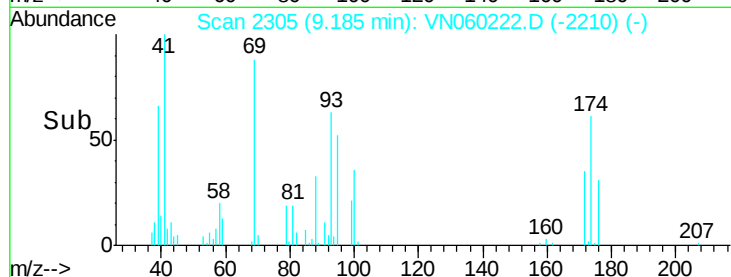
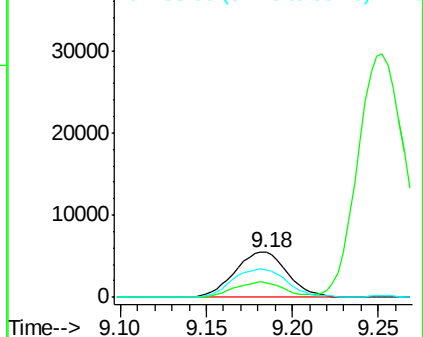
#49
1,4-Dioxane
Concen: 370.46 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.01 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion: 88 Resp: 11654
Ion Ratio Lower Upper
88 100
43 32.0 26.2 39.2
58 64.4 53.2 79.8

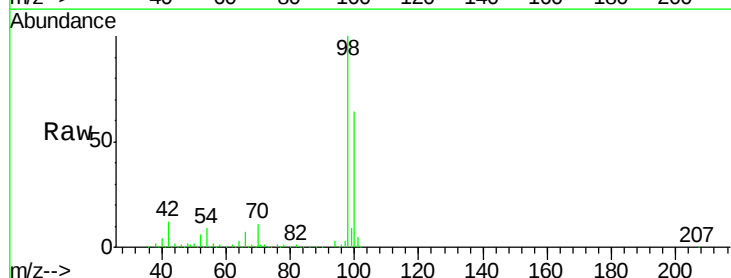


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

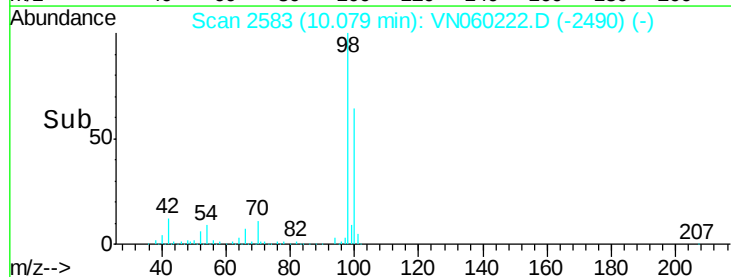
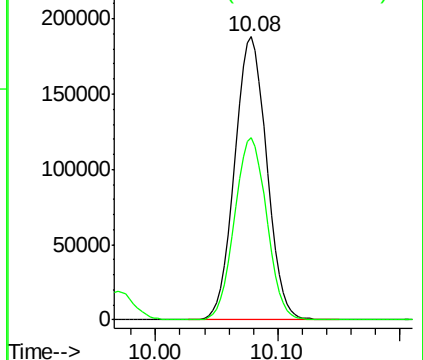


#50
Toluene-d8
Concen: 49.31 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 98 Resp: 342315
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



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

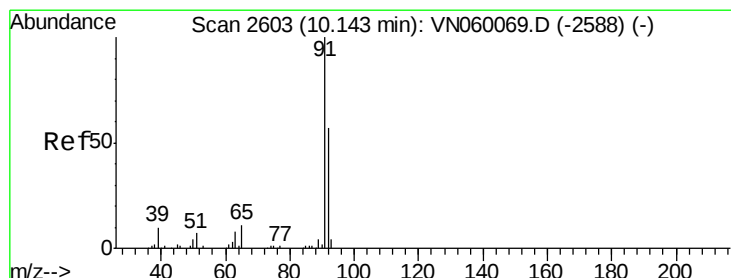
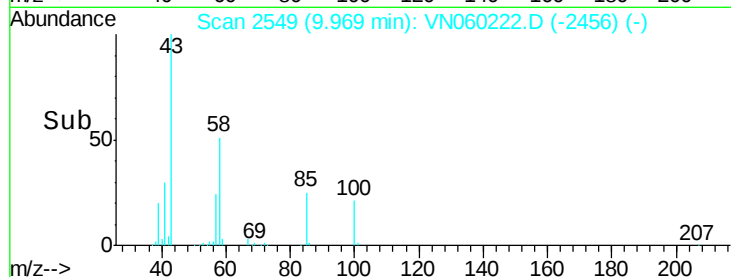
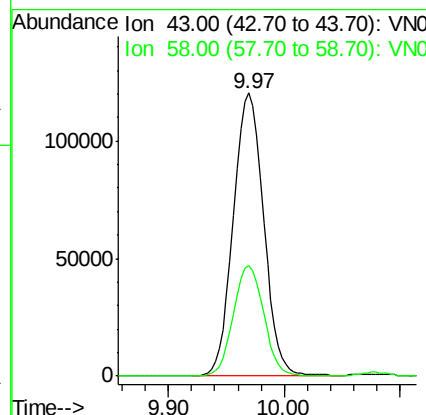
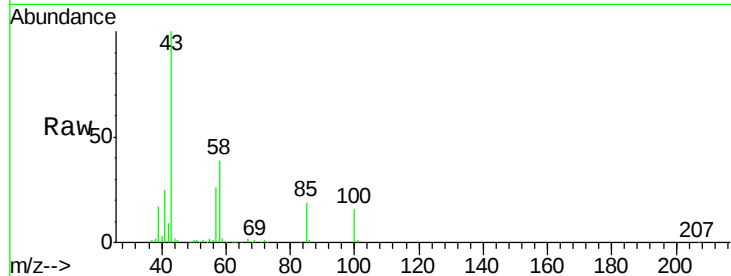




#51
 4-Methyl-2-Pentanone
 Concen: 91.88 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

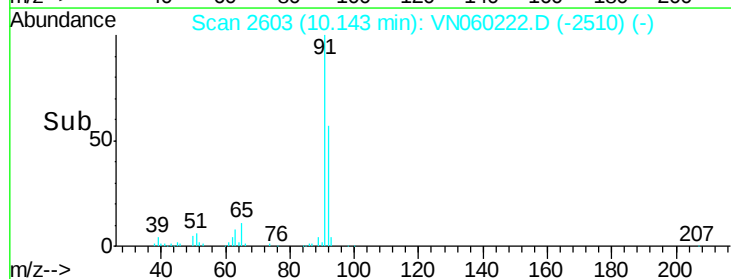
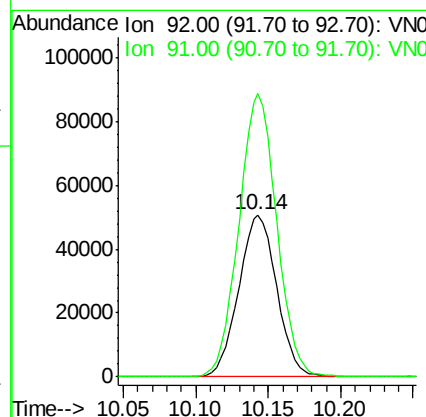
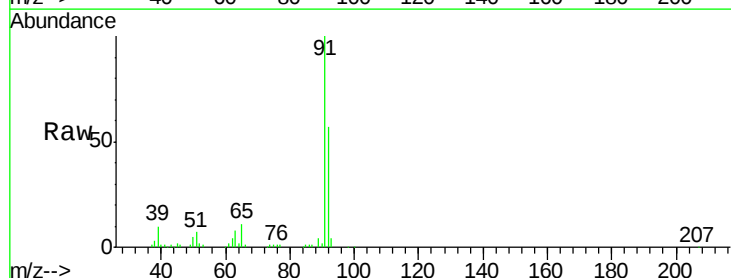
Instrument :
 MSVOA_N
 ClientSampled :
 VN0225WBS01

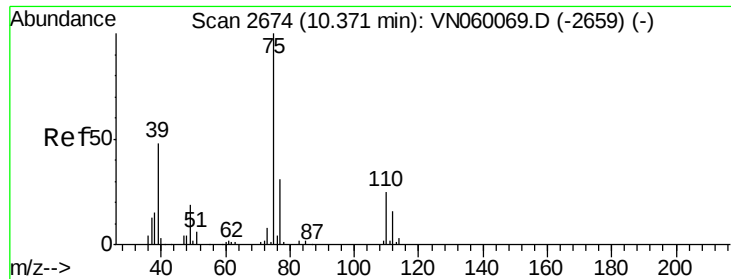
Tgt Ion: 43 Resp: 218230
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.8 47.8



#52
 Toluene
 Concen: 18.28 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 92 Resp: 92381
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.38 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

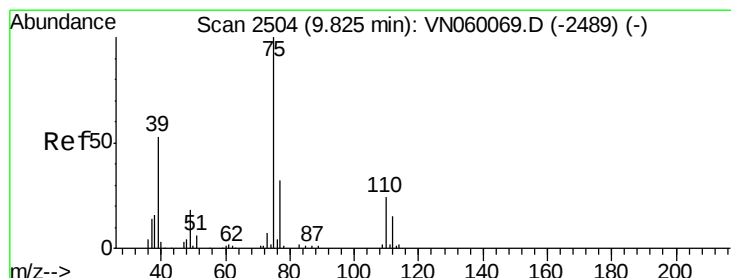
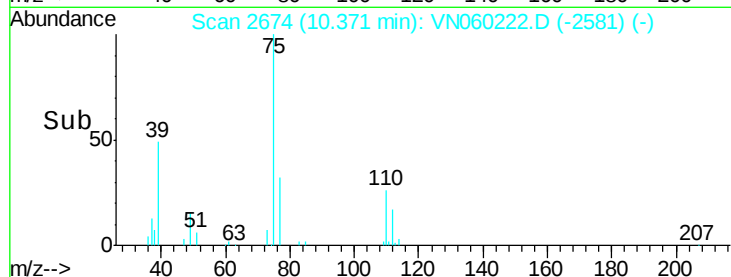
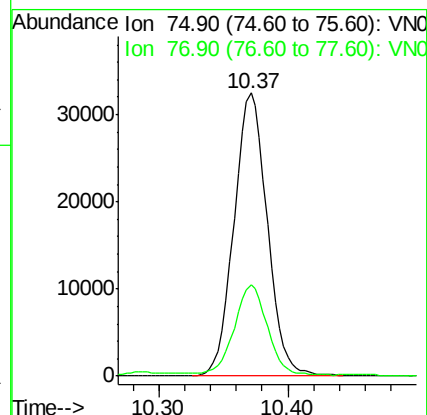
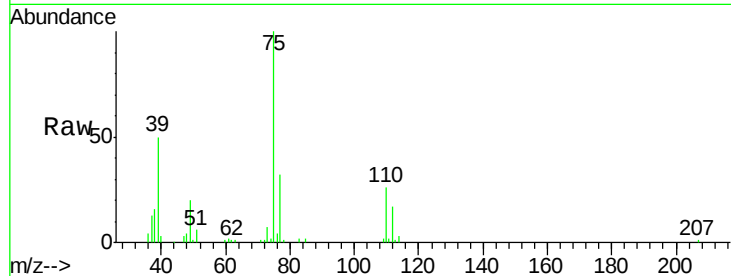
VN0225WBS01

Tgt Ion: 75 Resp: 58158

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.45 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

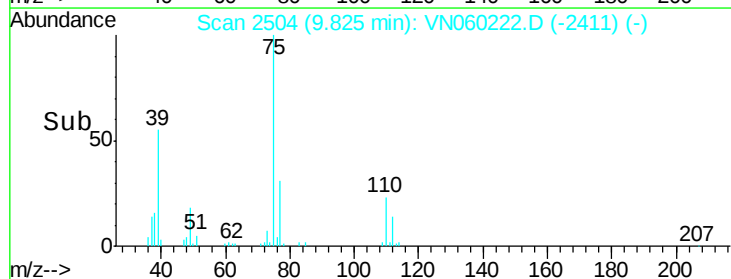
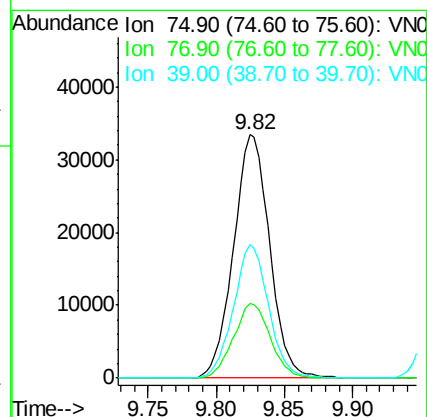
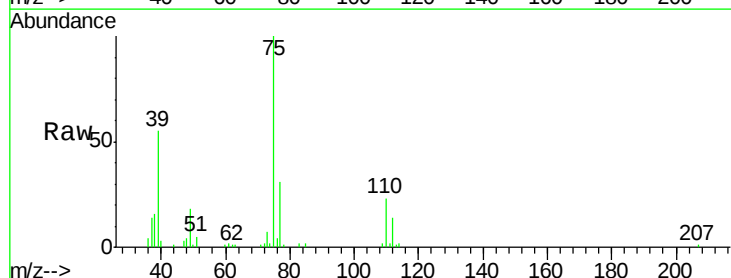
Tgt Ion: 75 Resp: 61461

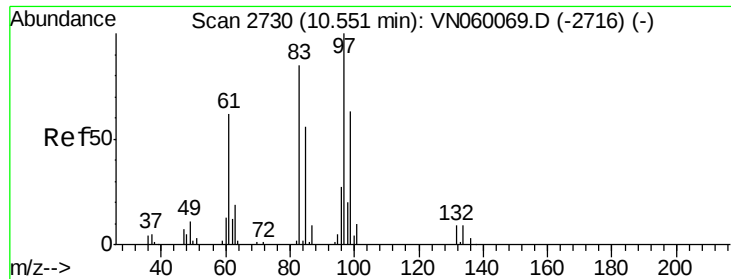
Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 54.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.30 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

Tgt Ion: 97 Resp: 36070

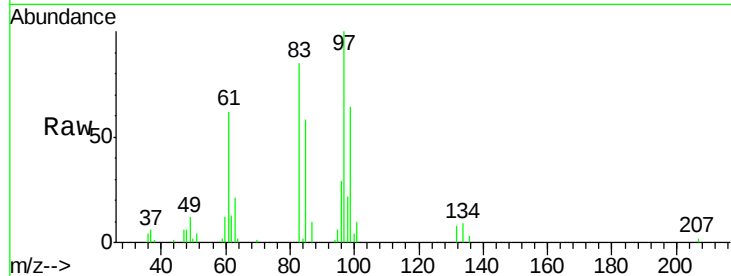
Ion Ratio Lower Upper

97 100

83 84.6 67.9 101.9

85 57.7 44.6 67.0

99 64.3 50.1 75.1

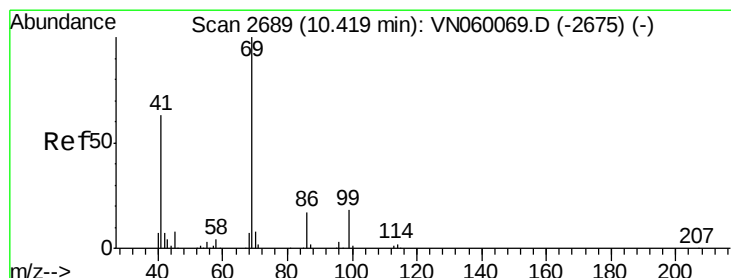
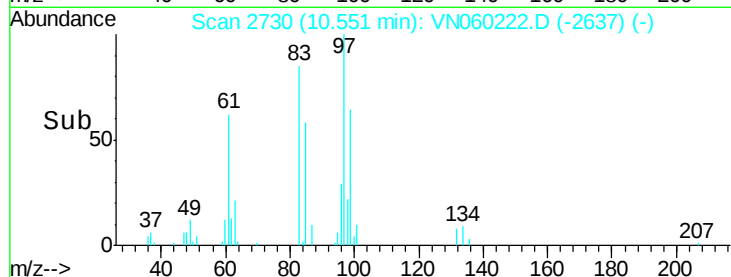
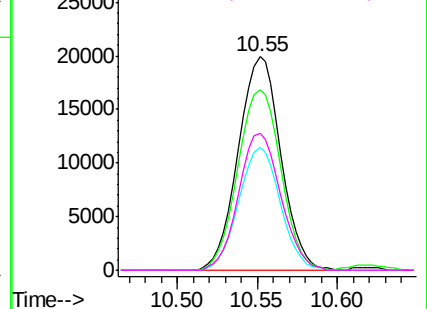


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.72 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

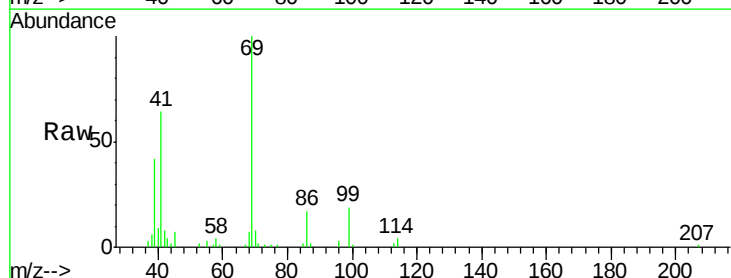
Tgt Ion: 69 Resp: 49415

Ion Ratio Lower Upper

69 100

41 64.5 51.1 76.7

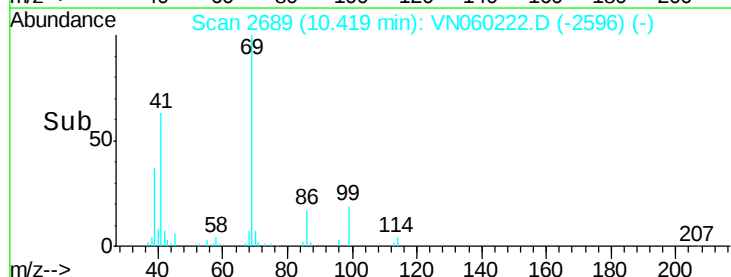
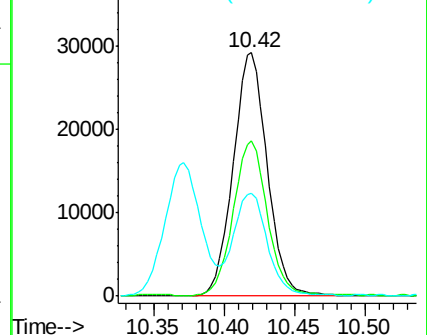
39 42.6 33.8 50.8

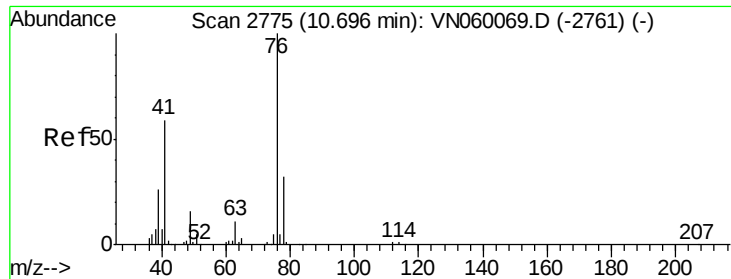


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.64 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

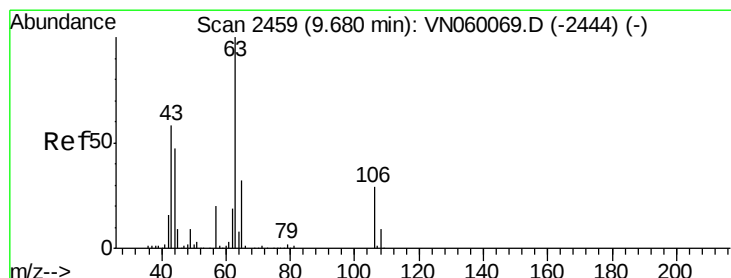
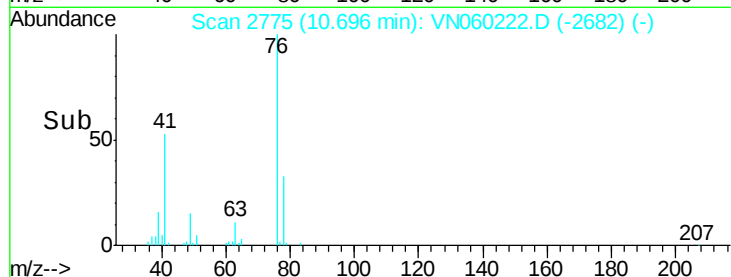
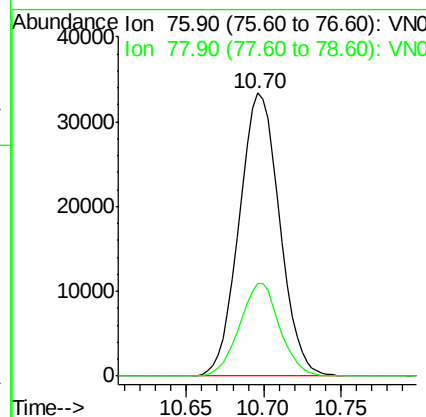
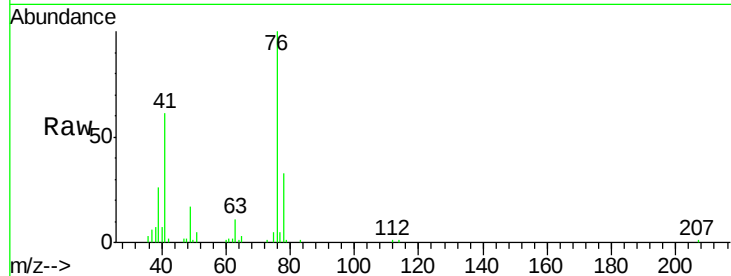
VN0225WBS01

Tgt Ion: 76 Resp: 60618

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 90.30 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060222.D

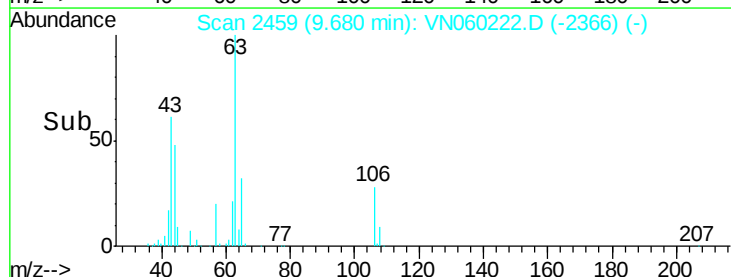
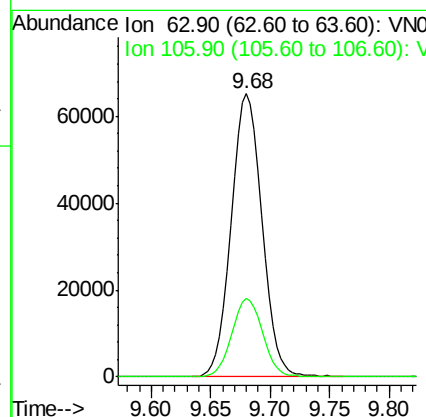
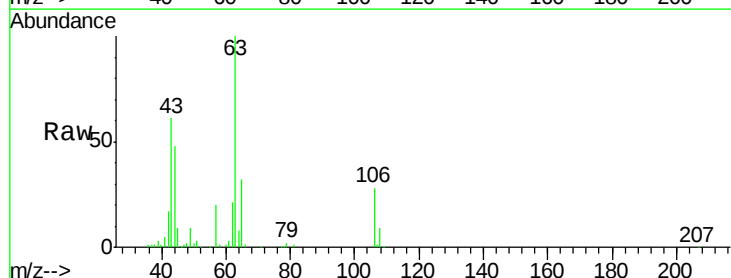
Acq: 25 Feb 2020 10:30

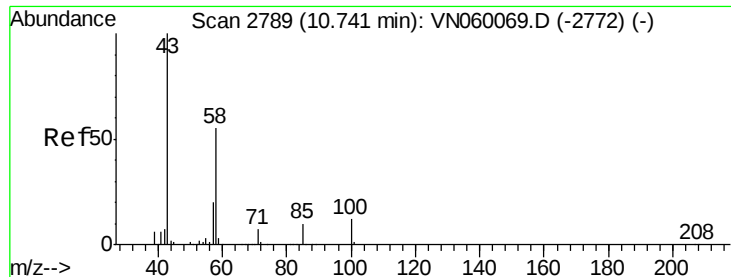
Tgt Ion: 63 Resp: 117309

Ion Ratio Lower Upper

63 100

106 27.6 22.9 34.3

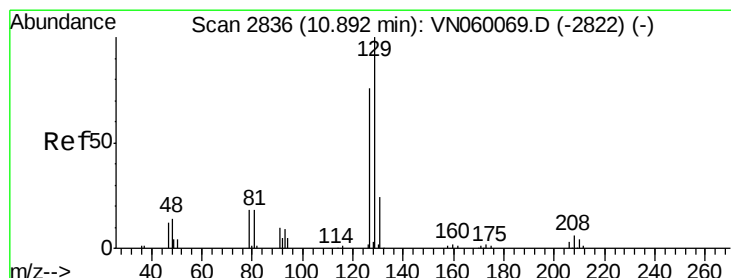
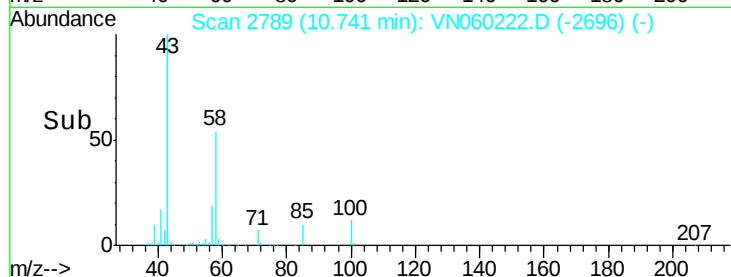
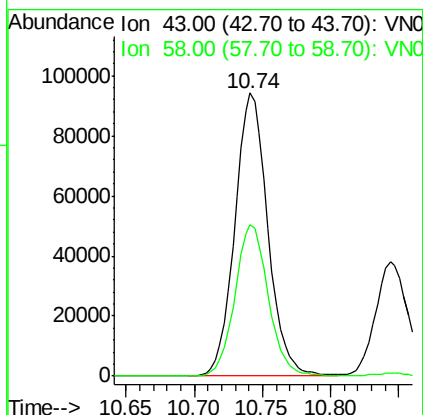
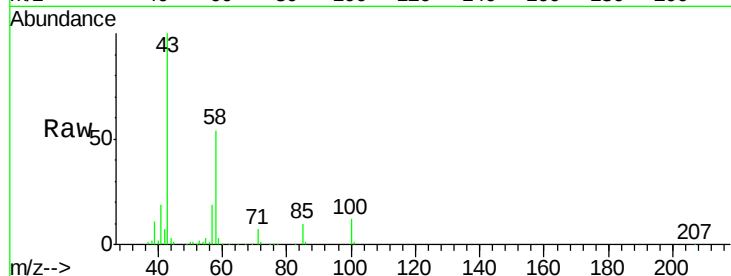




#59
2-Hexanone
Concen: 86.18 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

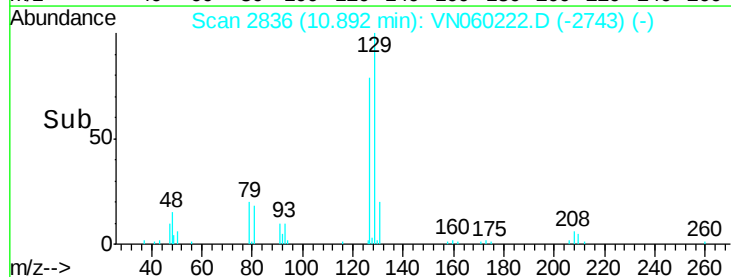
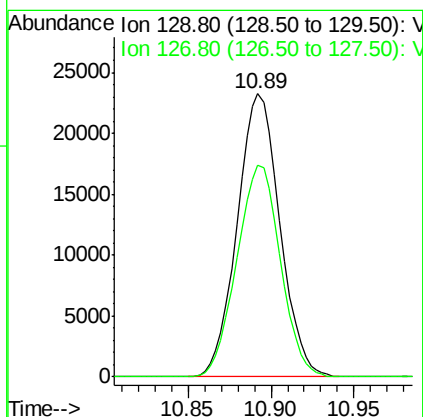
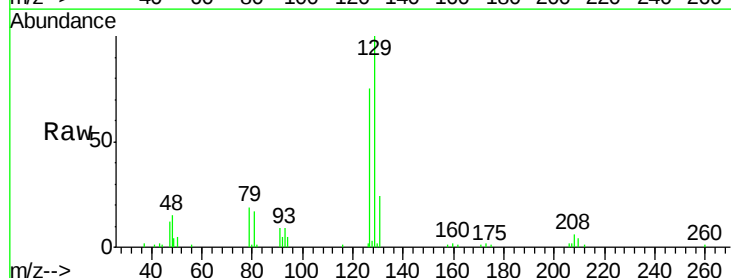
Instrument :
MSVOA_N
ClientSampled :
VN0225WBS01

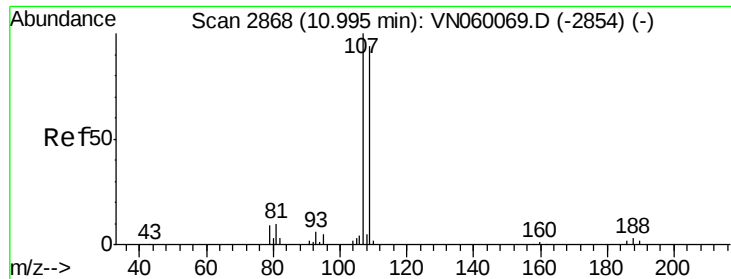
Tgt Ion: 43 Resp: 158126
Ion Ratio Lower Upper
43 100
58 54.3 27.5 82.4



#60
Dibromochloromethane
Concen: 18.35 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 129 Resp: 41500
Ion Ratio Lower Upper
129 100
127 76.2 38.0 114.1

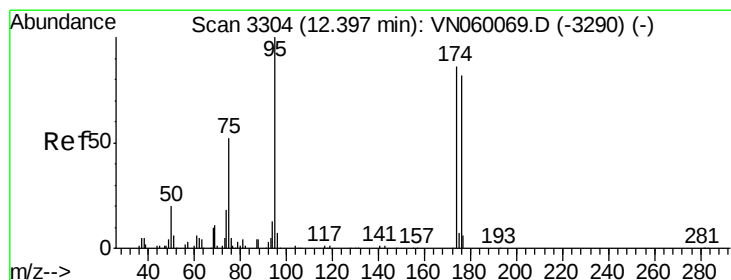
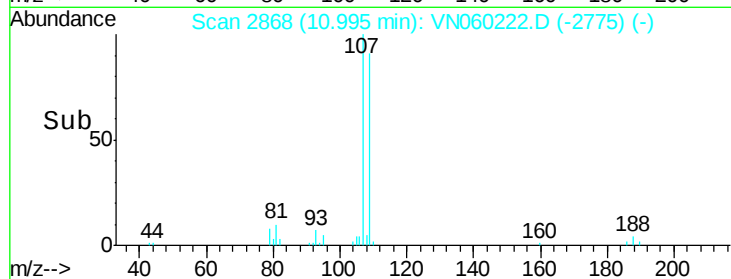
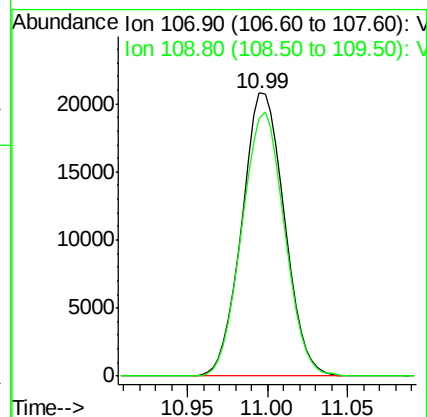
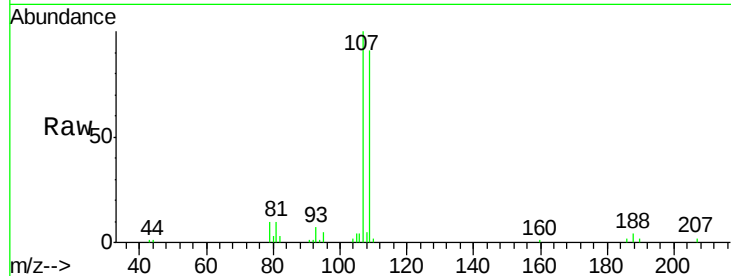




#61
 1,2-Dibromoethane
 Concen: 18.26 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

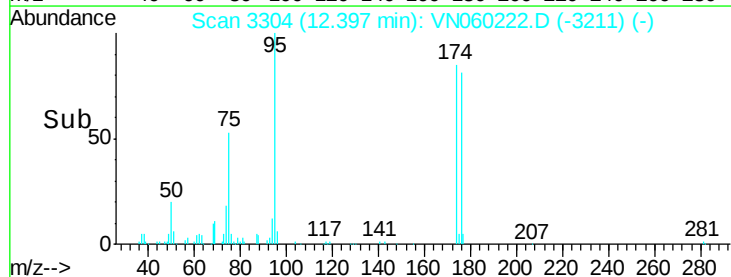
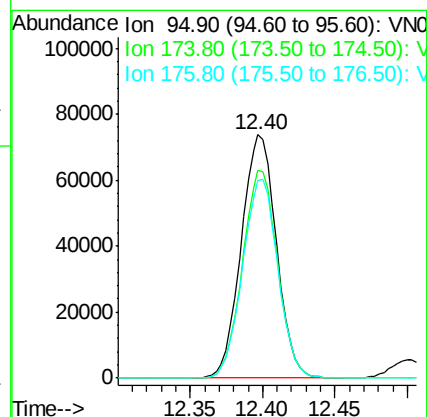
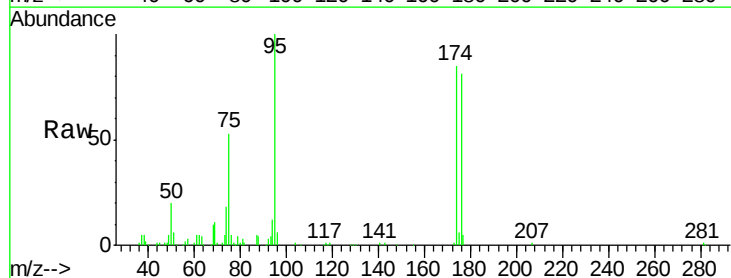
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

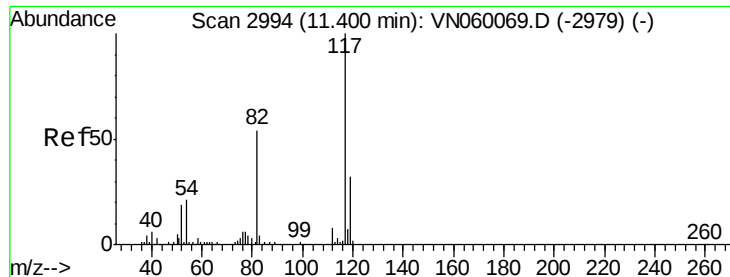
Tgt Ion: 107 Resp: 37743
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 48.70 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion: 95 Resp: 124235
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 169.8
 176 82.4 0.0 164.8

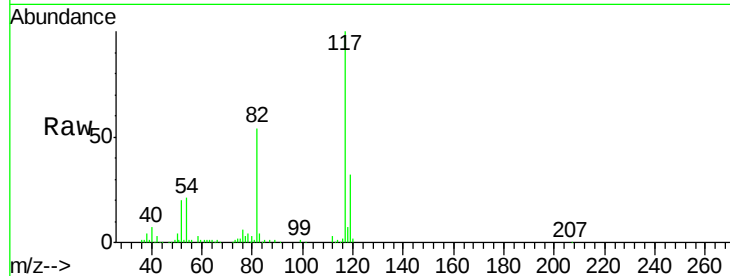




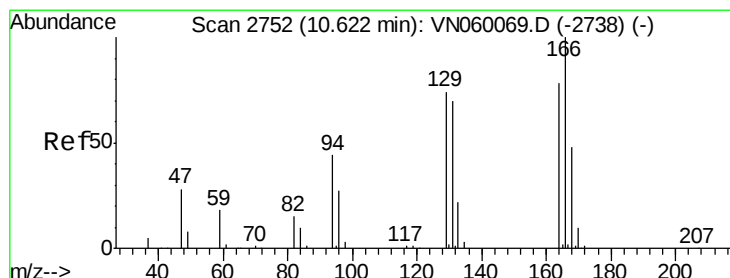
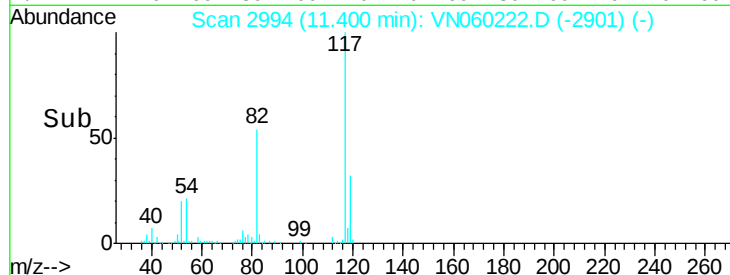
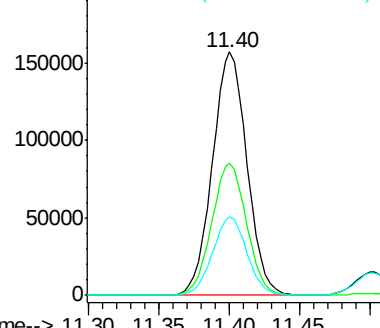
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:117 Resp: 268951
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 25.8 38.6

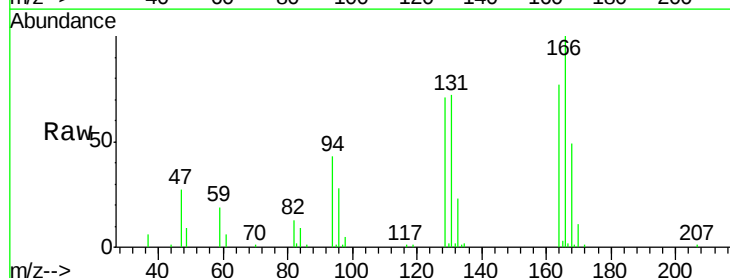


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

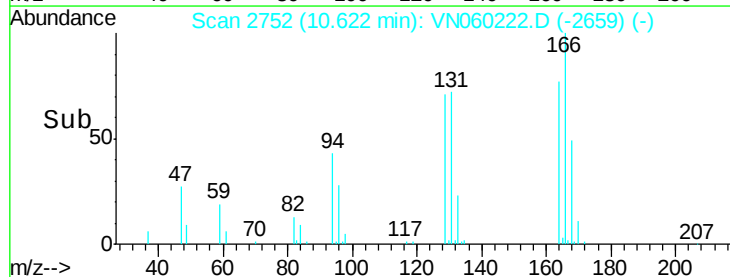
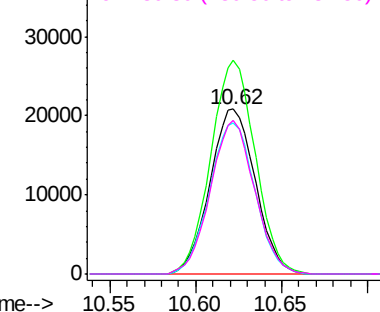


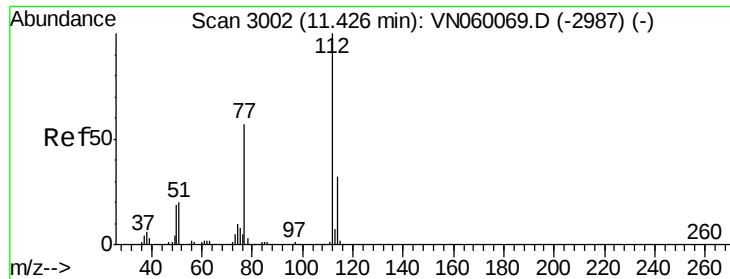
#64
Tetrachloroethene
Concen: 18.63 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion:164 Resp: 38082
Ion Ratio Lower Upper
164 100
166 129.5 101.9 152.9
129 91.3 75.4 113.0
131 92.7 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

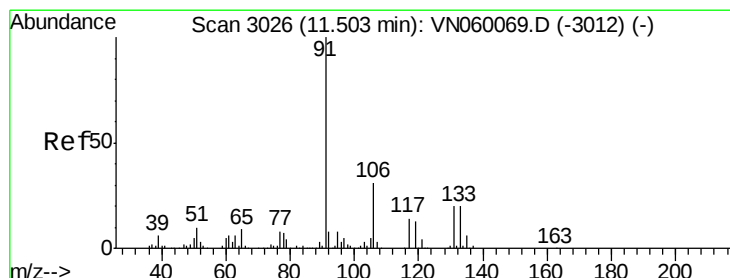
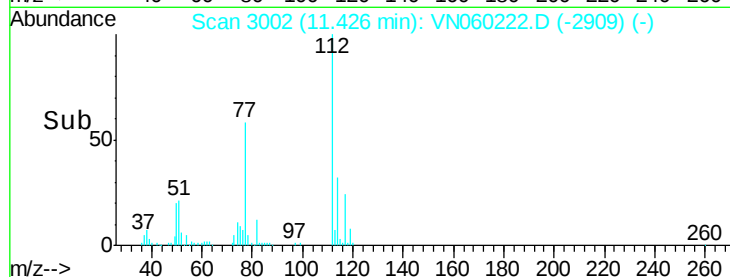
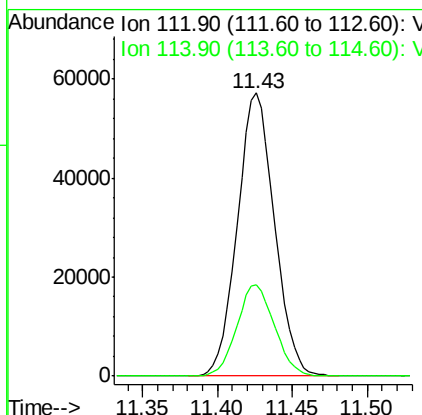
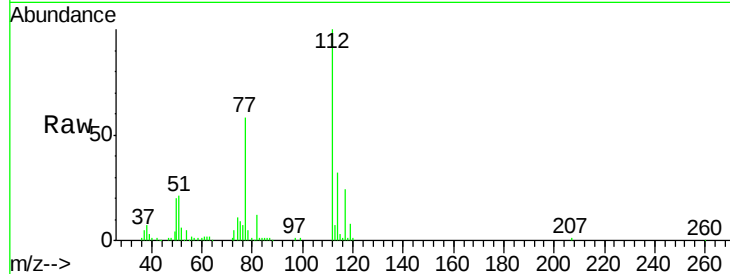




#65
Chlorobenzene
Concen: 17.97 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

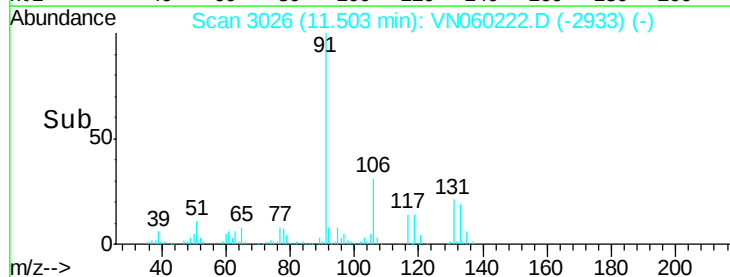
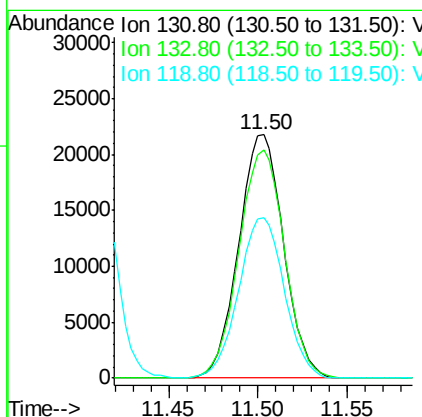
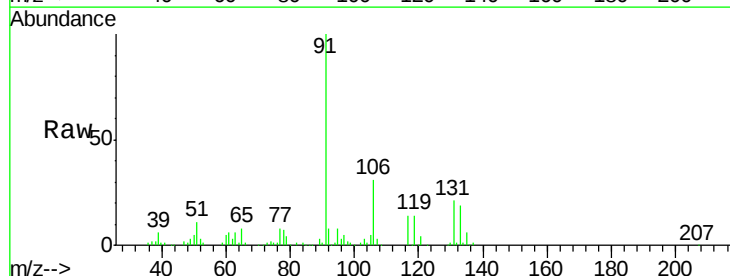
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

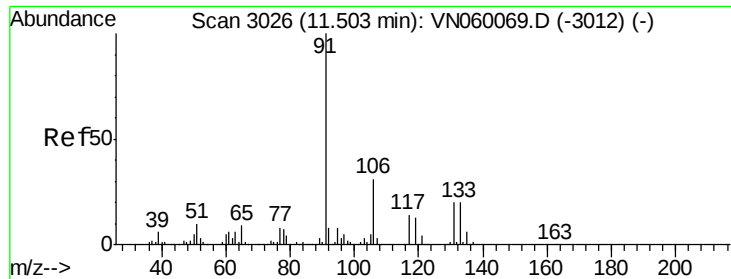
Tgt Ion:112 Resp: 98486
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.48 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion:131 Resp: 38303
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 67.2 32.6 97.7

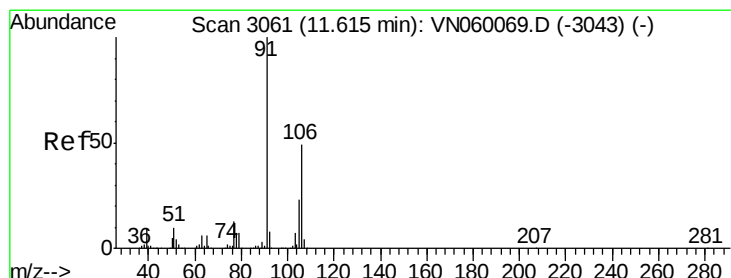
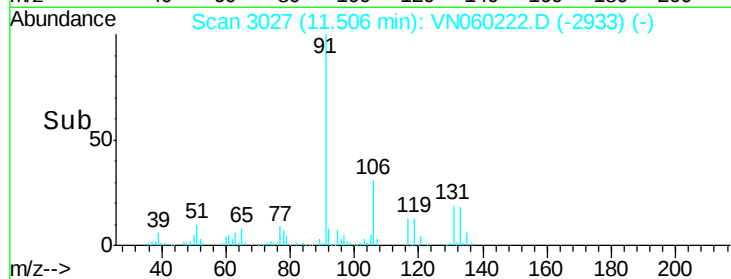
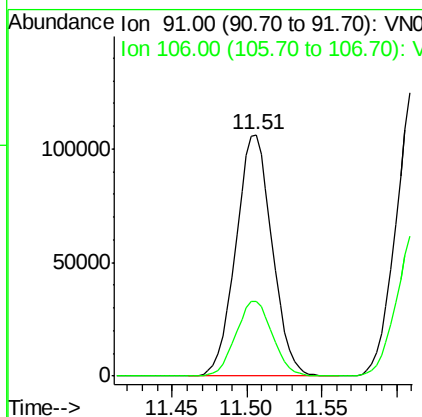
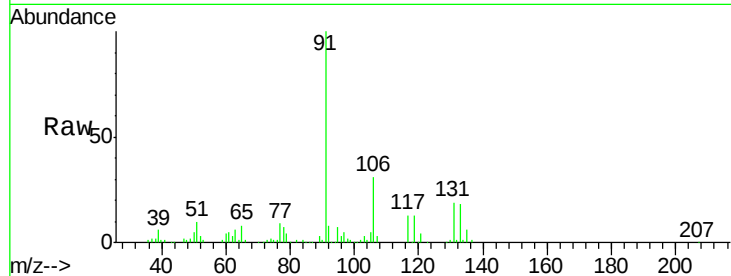




#67
Ethyl Benzene
Concen: 18.11 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

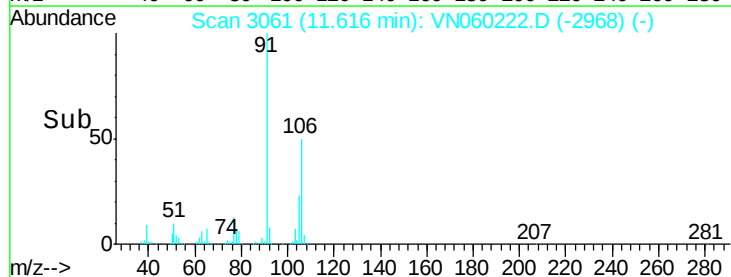
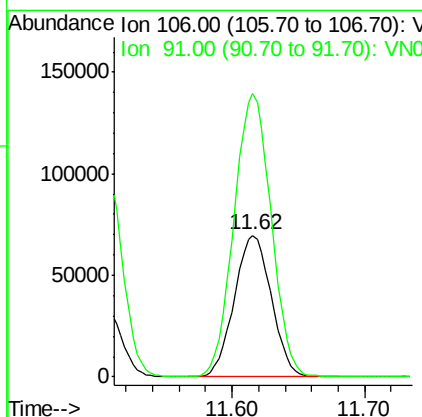
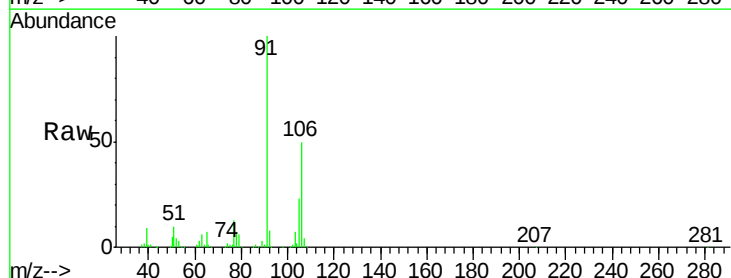
Instrument :
MSVOA_N
ClientSampled :
VN0225WBS01

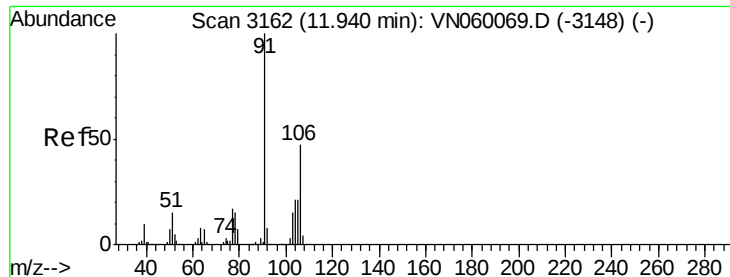
Tgt Ion: 91 Resp: 179004
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 36.37 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion: 106 Resp: 134913
Ion Ratio Lower Upper
106 100
91 201.0 162.7 244.1

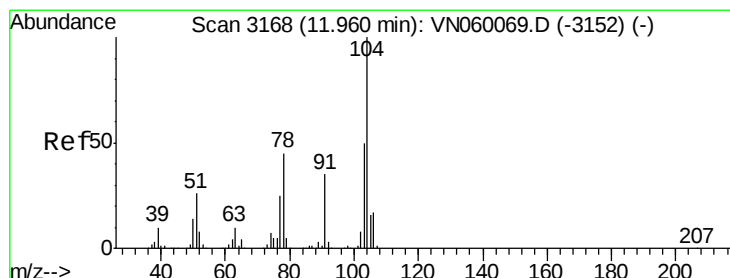
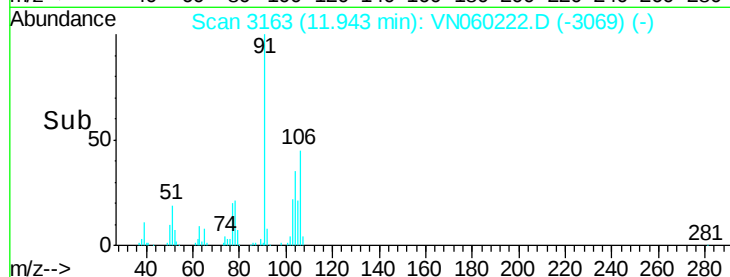
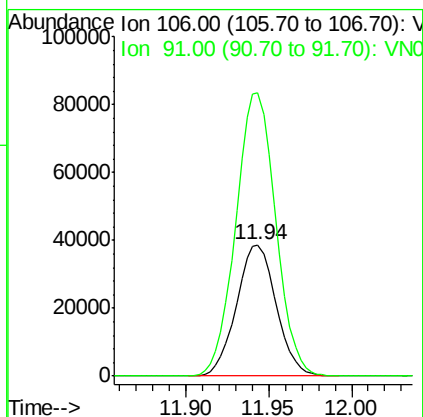
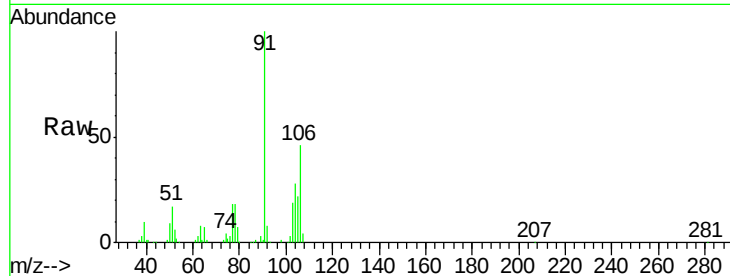




#69
o-Xylene
Concen: 18.06 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

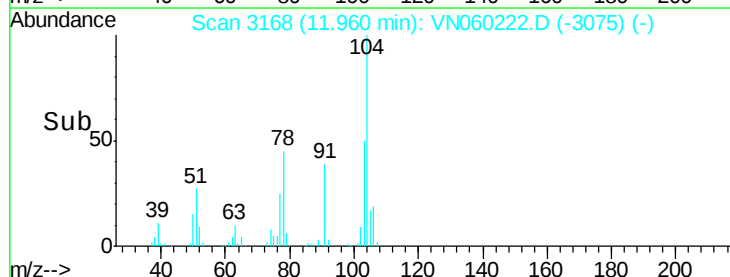
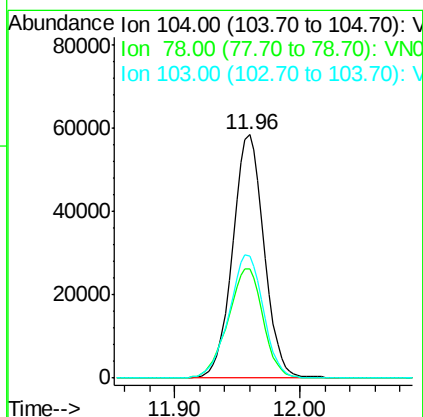
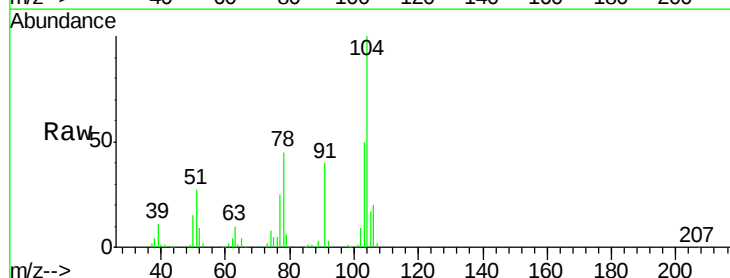
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

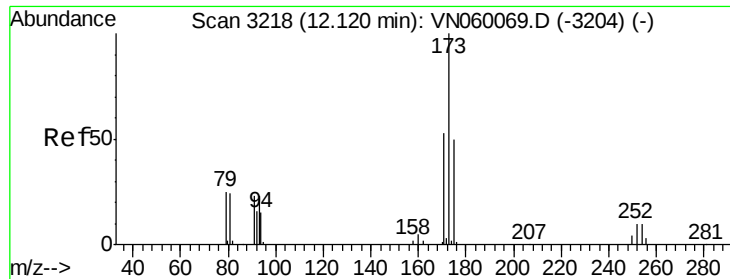
Tgt Ion:106 Resp: 64503
Ion Ratio Lower Upper
106 100
91 216.7 107.2 321.6



#70
Styrene
Concen: 17.66 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion:104 Resp: 101677
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 55.3 44.3 66.5

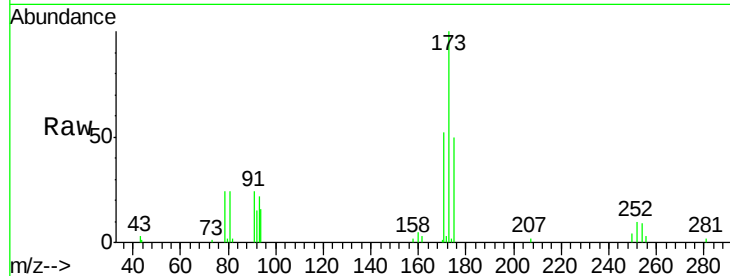




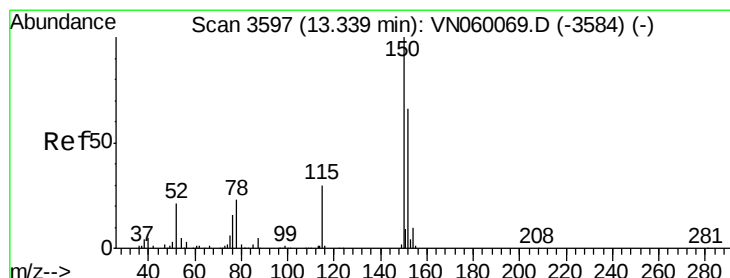
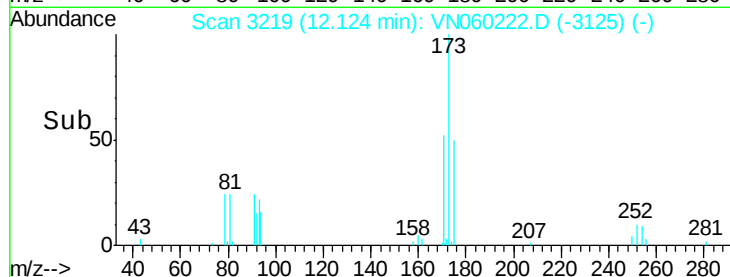
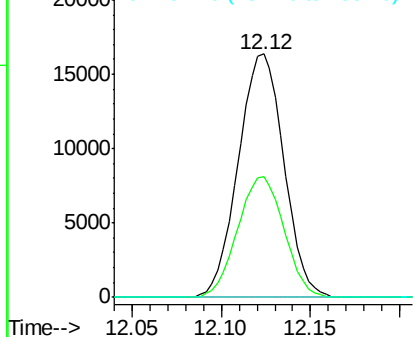
#71
Bromoform
Concen: 17.46 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:173 Resp: 29113
Ion Ratio Lower Upper
173 100
175 50.3 24.9 74.6
254 0.0 0.0 0.0

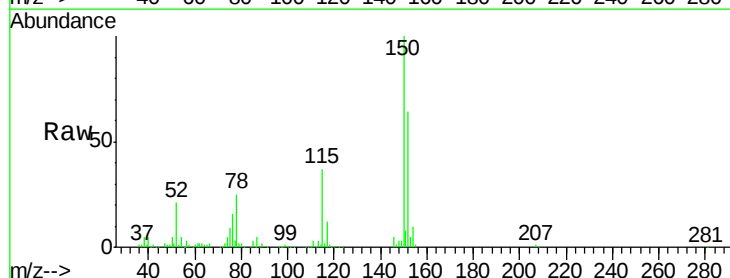


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

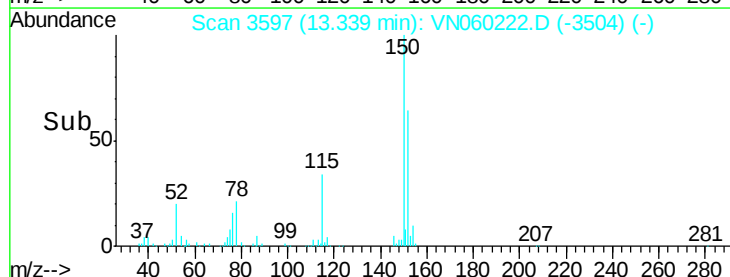
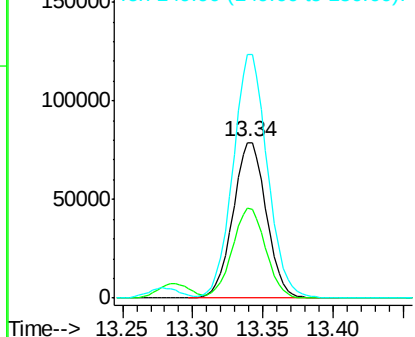


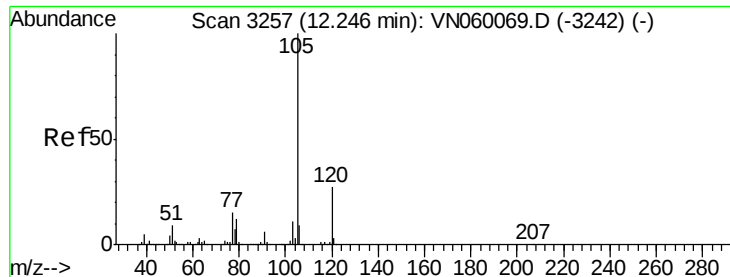
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion:152 Resp: 130611
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 161.8 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: 17.87 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

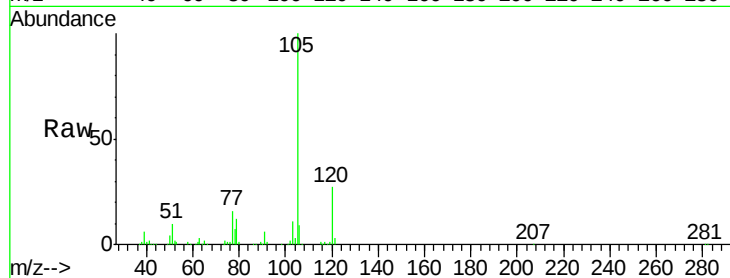
VN0225WBS01

Tgt Ion: 105 Resp: 174280

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

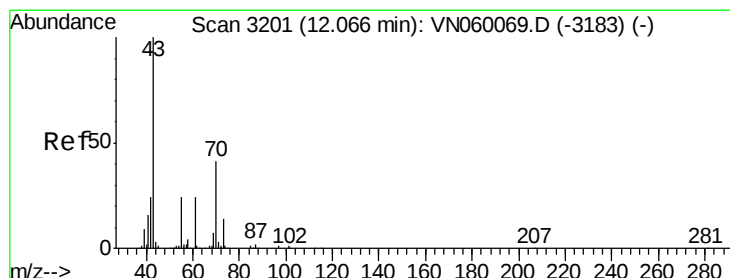
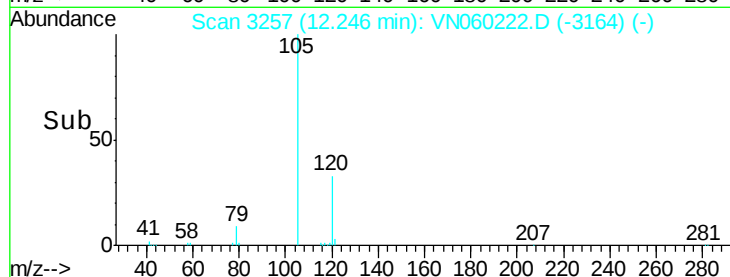
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 17.41 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Tgt Ion: 43 Resp: 61242

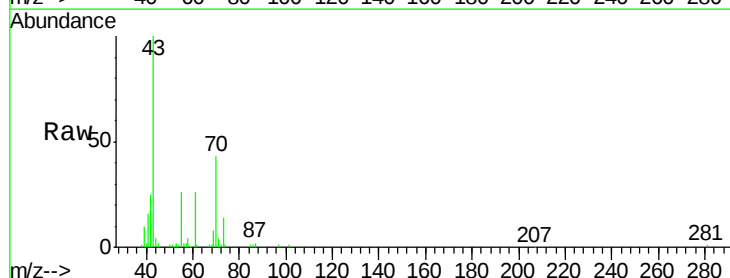
Ion Ratio Lower Upper

43 100

70 41.8 33.4 50.0

55 25.1 18.8 28.2

61 23.9 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

50000

40000

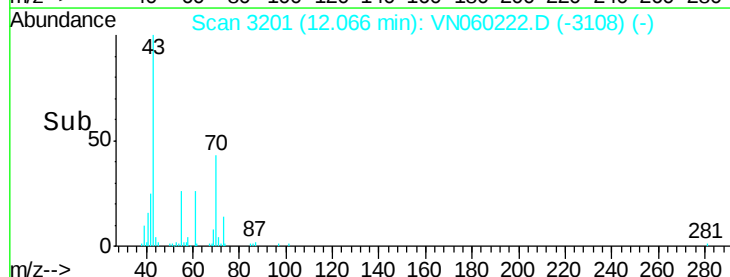
30000

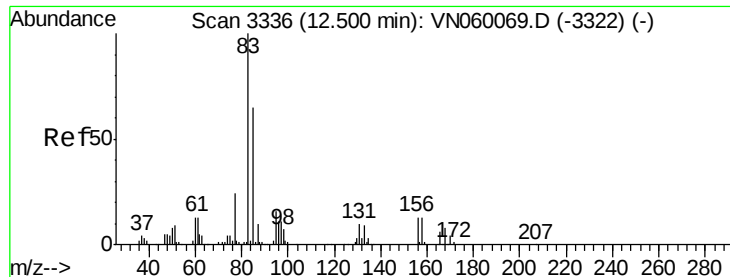
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.66 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

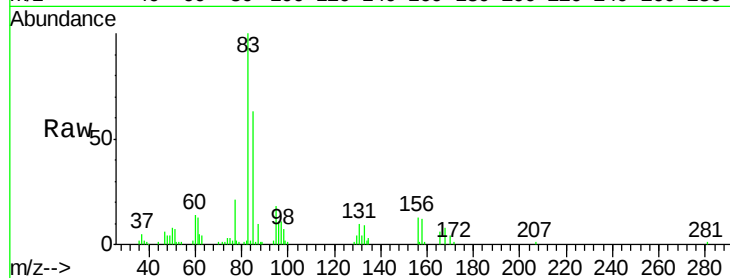
Tgt Ion: 83 Resp: 52377

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 63.5 32.3 96.9

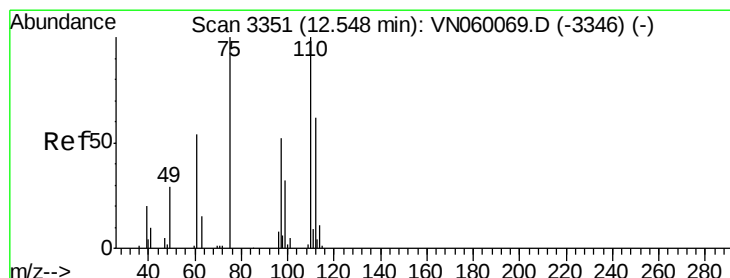
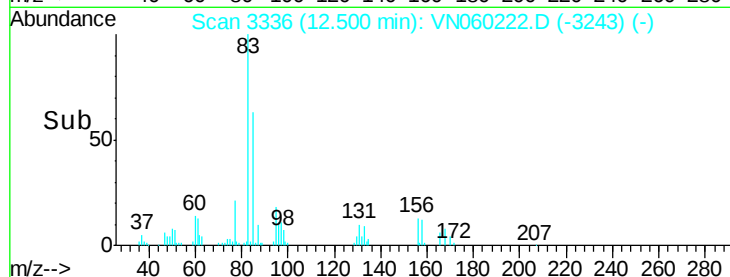


Abundance Ion 82.90 (82.60 to 83.60): VN060222.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060222.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060222.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 27.72 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060222.D

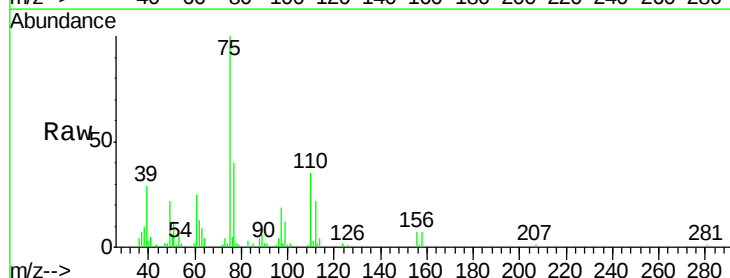
Acq: 25 Feb 2020 10:30

Tgt Ion: 75 Resp: 69275

Ion Ratio Lower Upper

75 100

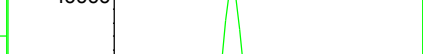
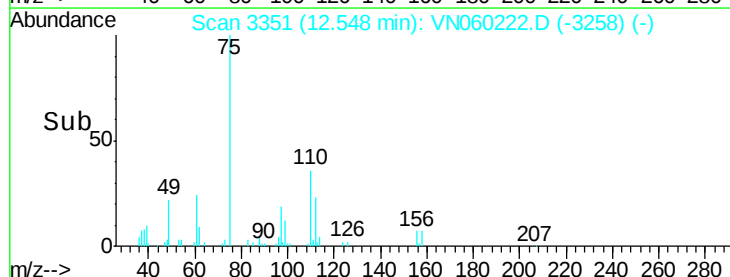
77 0.0 0.0 0.0

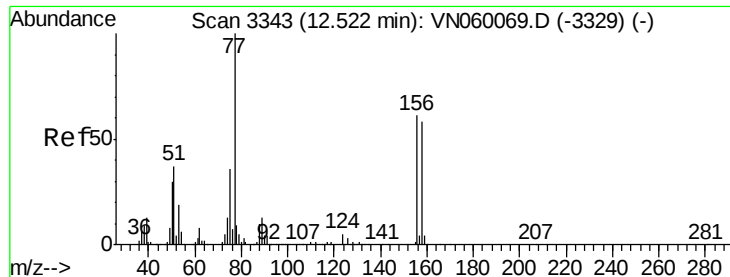


Abundance Ion 74.90 (74.60 to 75.60): VN060222.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060222.D (-3258) (-)

Time-->





#77

Bromobenzene

Concen: 18.29 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

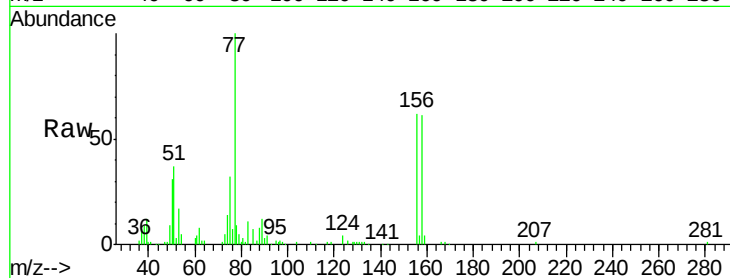
Tgt Ion:156 Resp: 44277

Ion Ratio Lower Upper

156 100

77 194.5 98.7 296.1

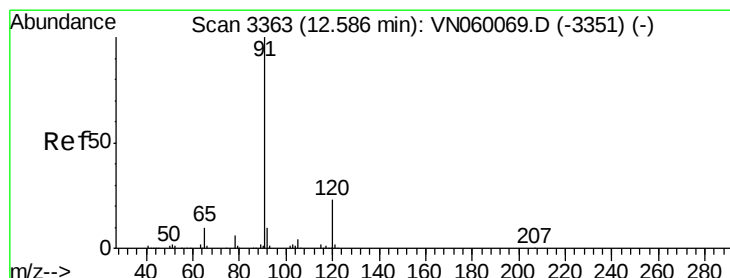
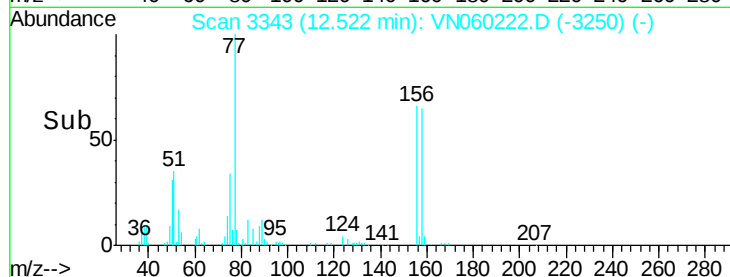
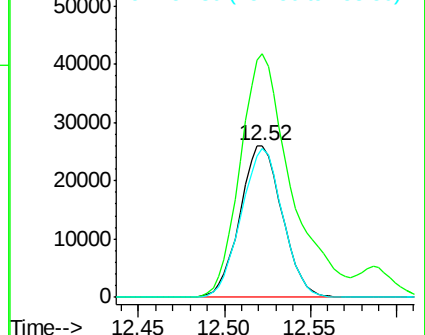
158 96.5 48.1 144.4



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: 17.87 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060222.D

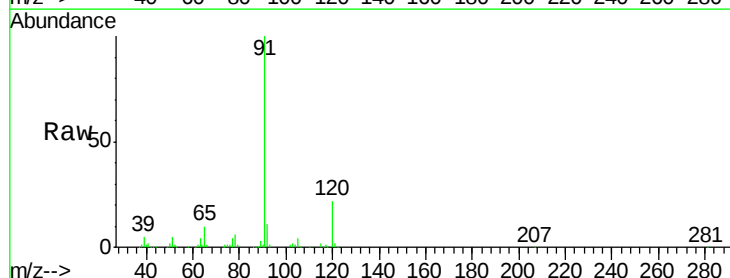
Acq: 25 Feb 2020 10:30

Tgt Ion: 91 Resp: 198575

Ion Ratio Lower Upper

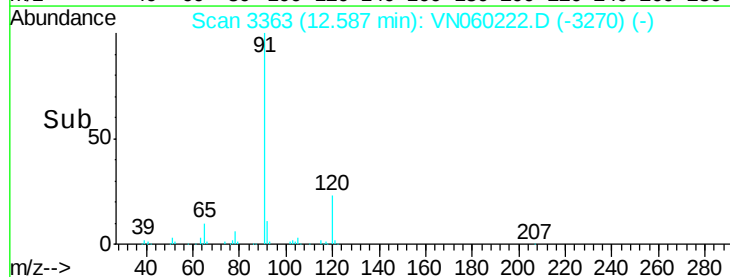
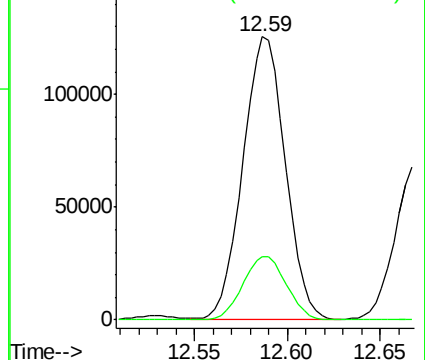
91 100

120 23.0 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: 17.92 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

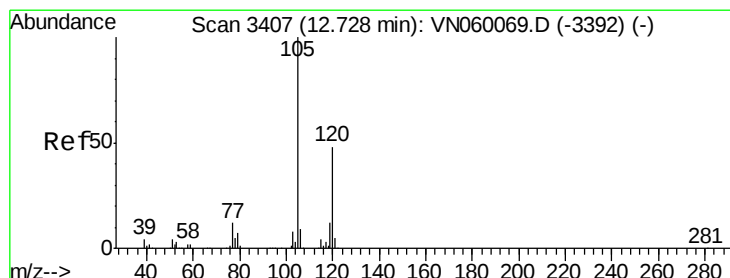
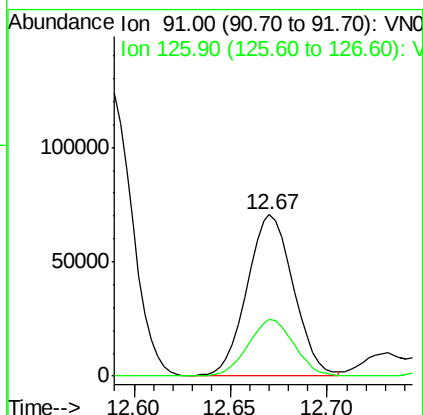
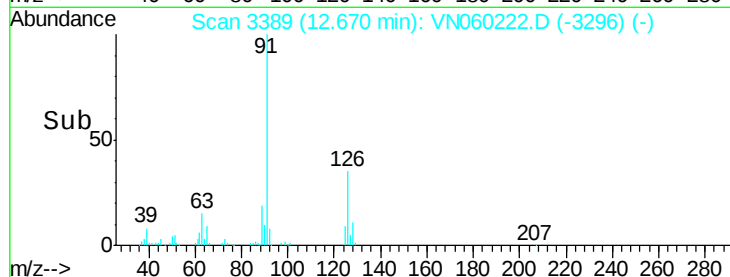
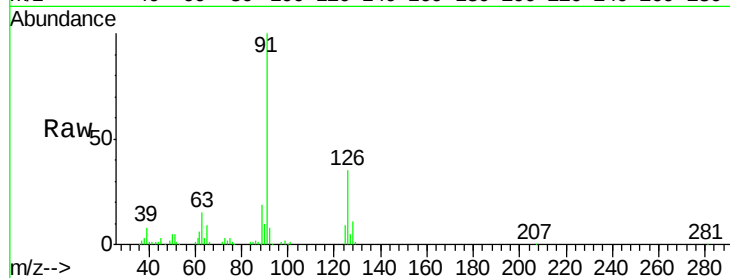
VN0225WBS01

Tgt Ion: 91 Resp: 117043

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.17 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060222.D

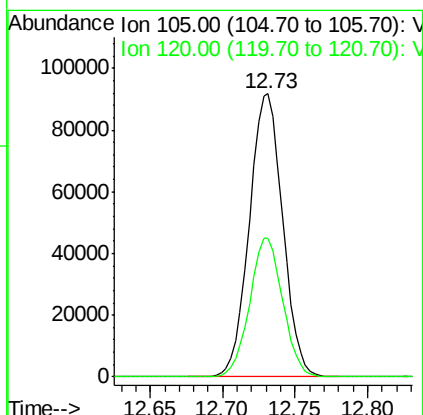
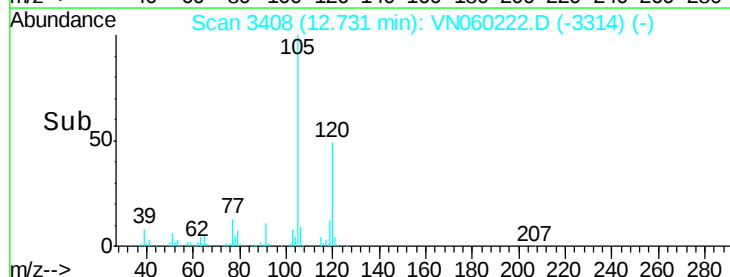
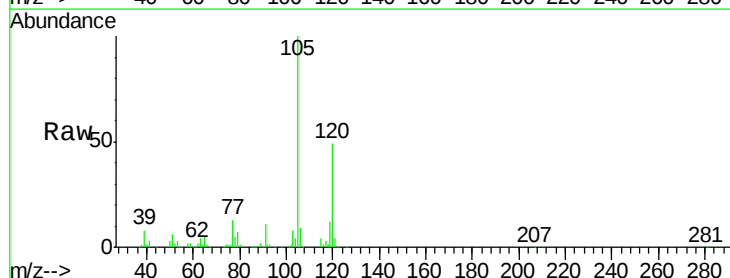
Acq: 25 Feb 2020 10:30

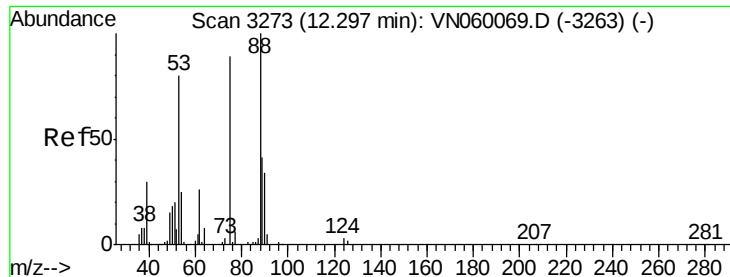
Tgt Ion: 105 Resp: 147346

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.04 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

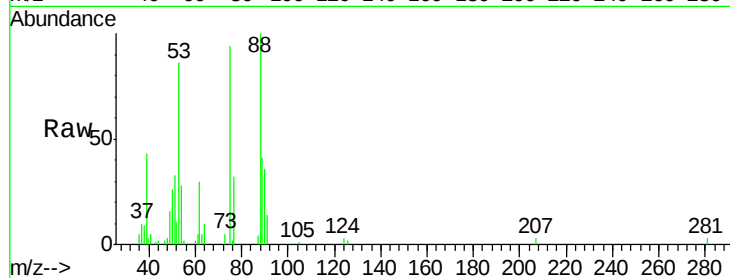
Tgt Ion: 75 Resp: 17387

Ion Ratio Lower Upper

75 100

53 93.3 73.9 110.9

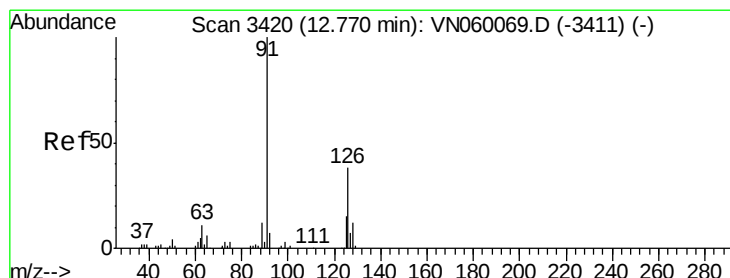
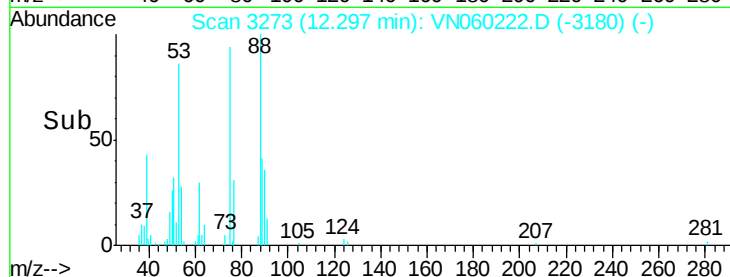
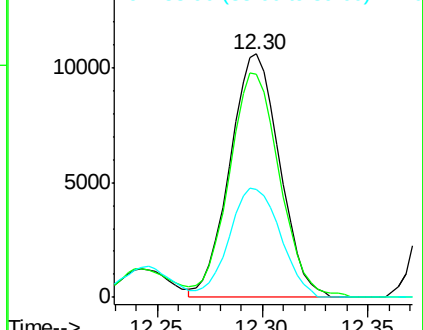
89 46.1 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.75 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060222.D

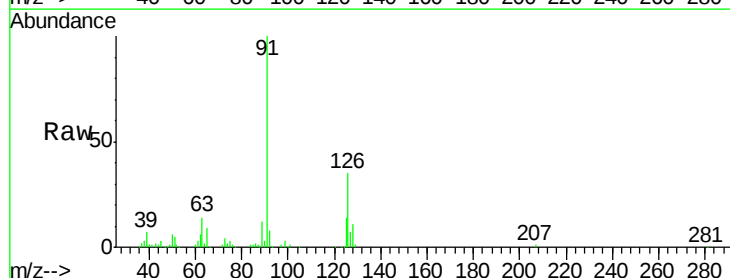
Acq: 25 Feb 2020 10:30

Tgt Ion: 91 Resp: 118946

Ion Ratio Lower Upper

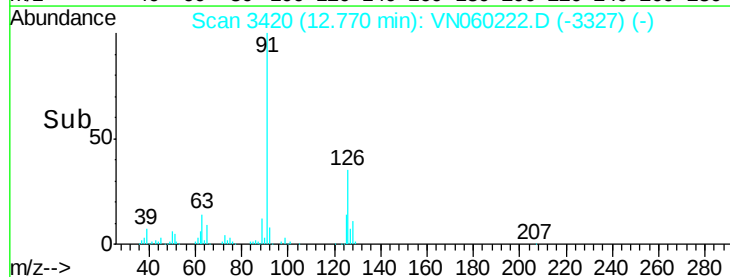
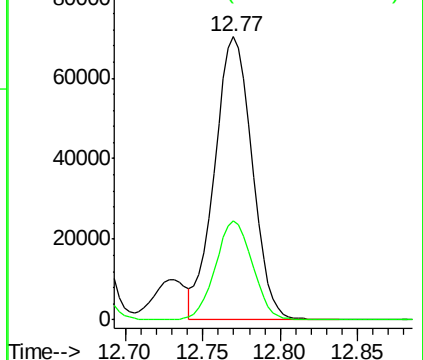
91 100

126 34.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

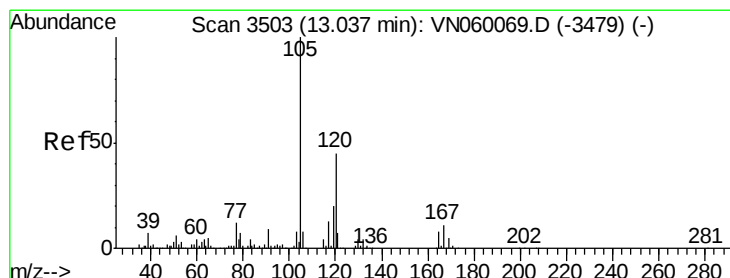
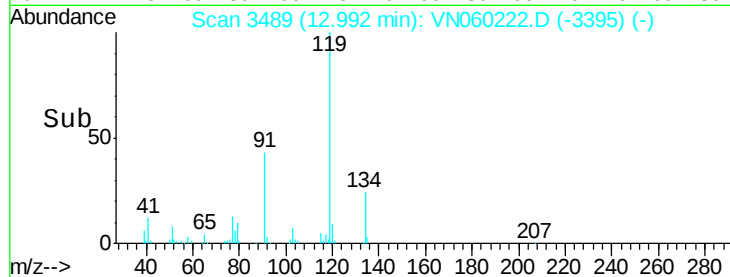
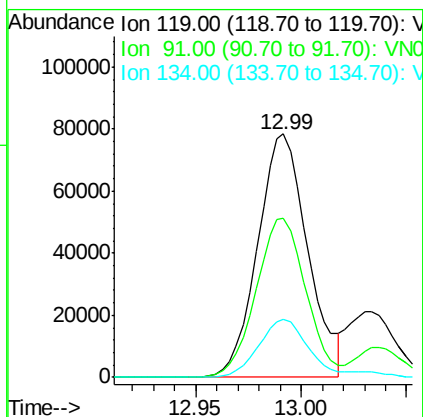
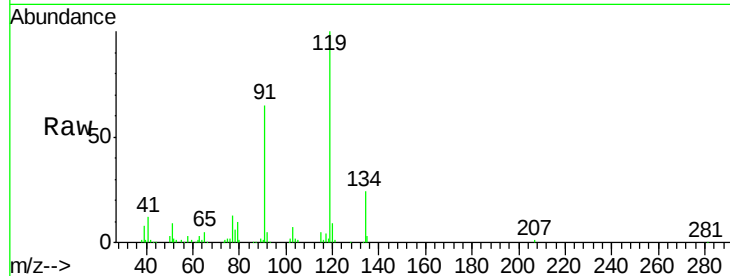




#83
 tert-Butylbenzene
 Concen: 18.04 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

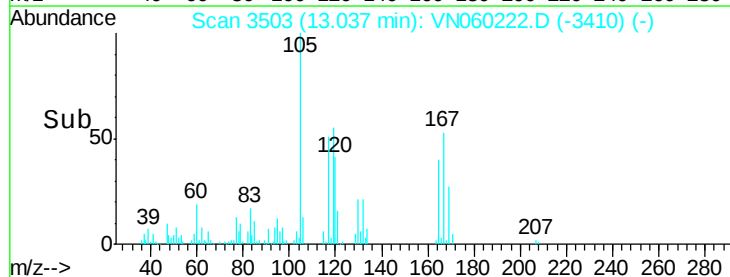
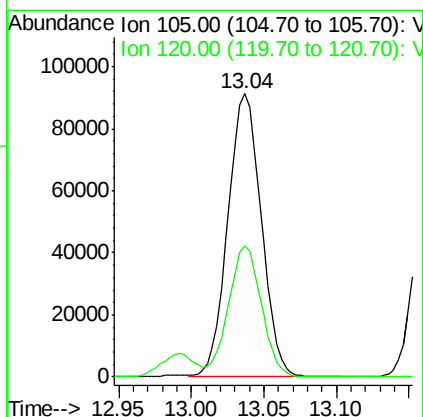
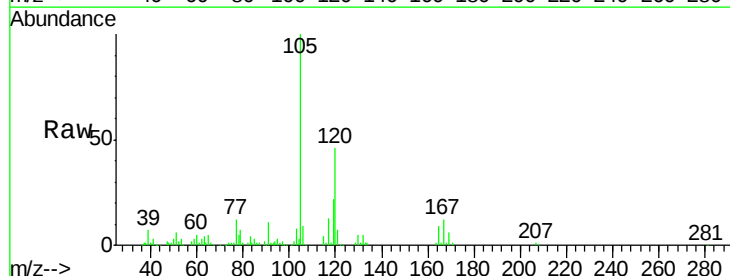
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

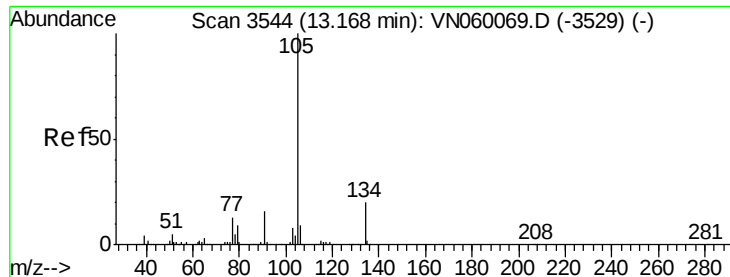
Tgt Ion:119 Resp: 129393
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.7 98.1
 134 23.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.24 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion:105 Resp: 146050
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3

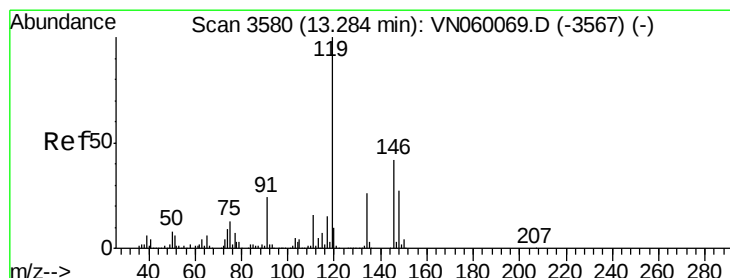
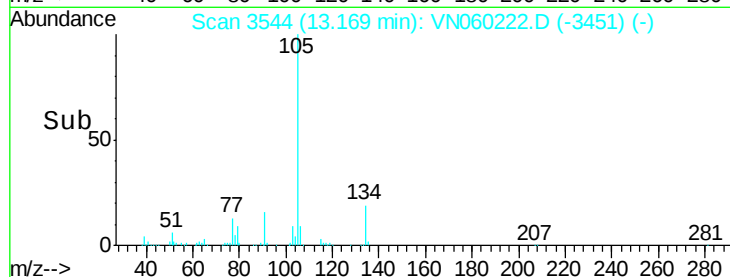
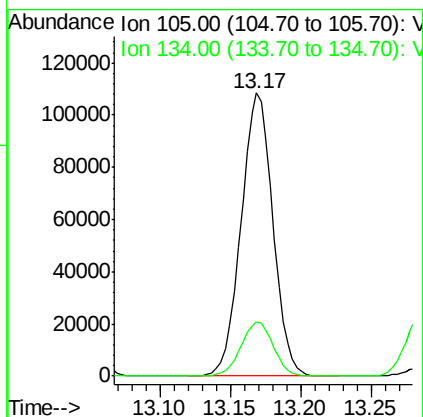
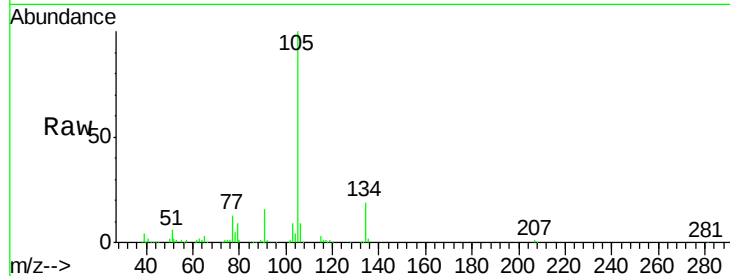




#85
 sec-Butylbenzene
 Concen: 18.04 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

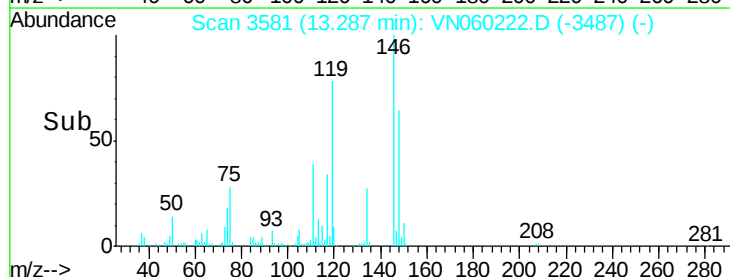
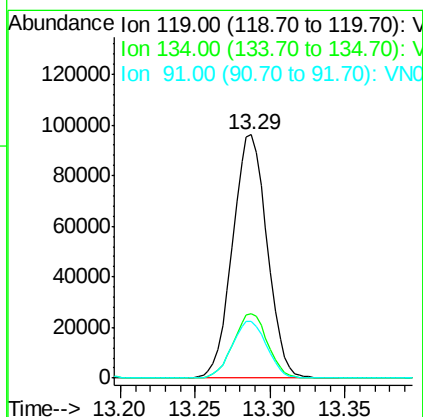
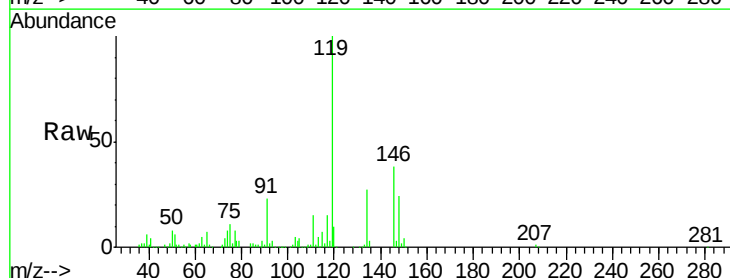
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

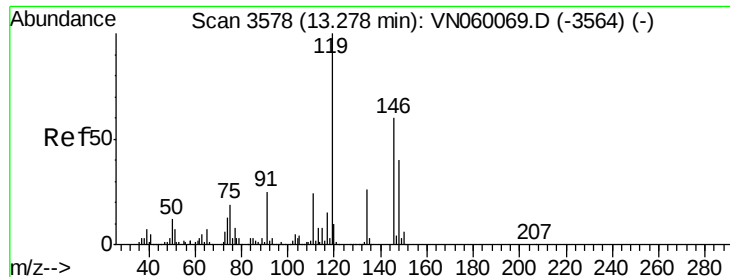
Tgt Ion:105 Resp: 171350
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 17.93 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion:119 Resp: 154366
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 18.14 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

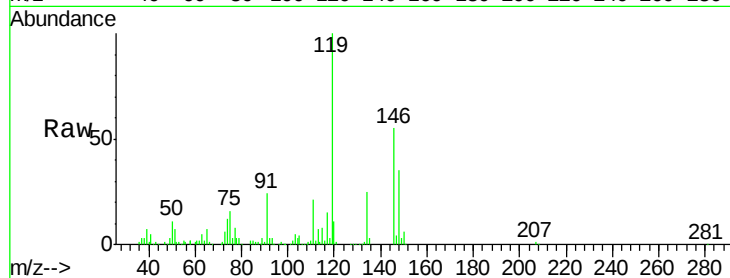
Tgt Ion:146 Resp: 77729

Ion Ratio Lower Upper

146 100

111 38.5 19.8 59.3

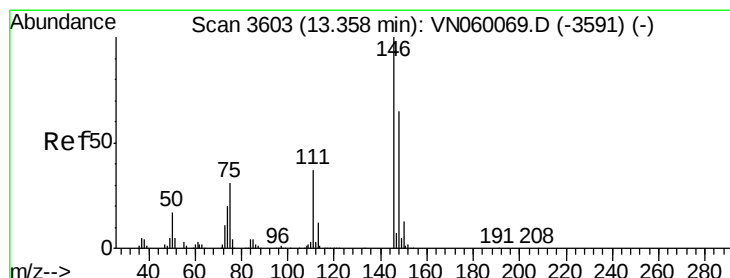
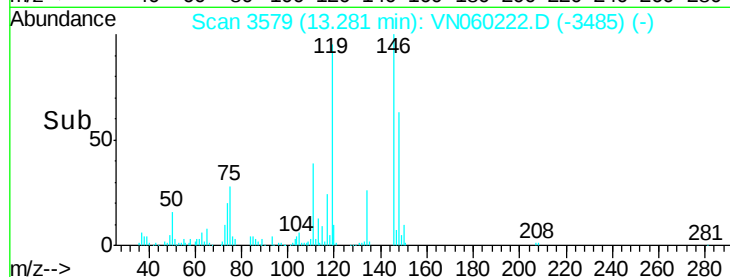
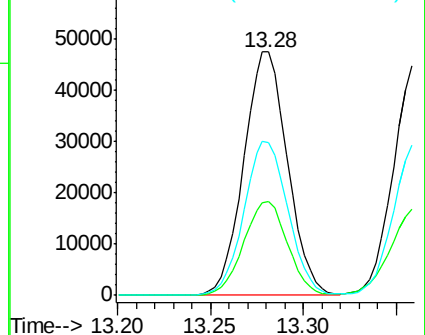
148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.74 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

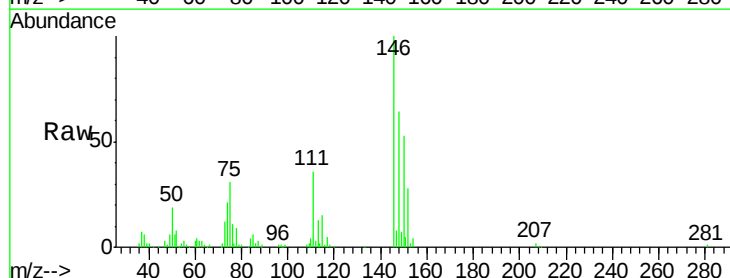
Tgt Ion:146 Resp: 75990

Ion Ratio Lower Upper

146 100

111 39.3 18.9 56.5

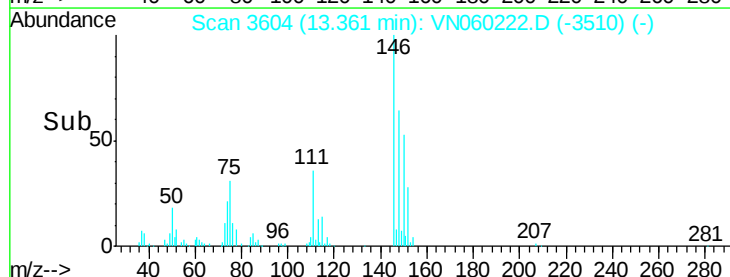
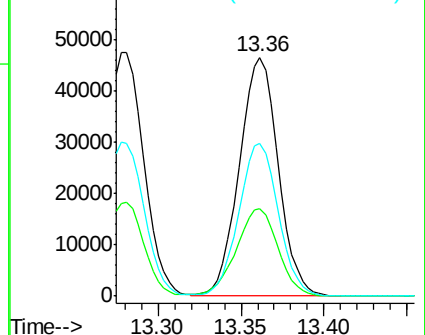
148 65.2 32.0 96.0

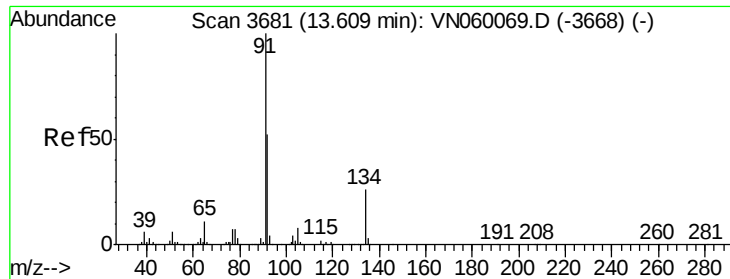


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.33 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VN0225WBS01

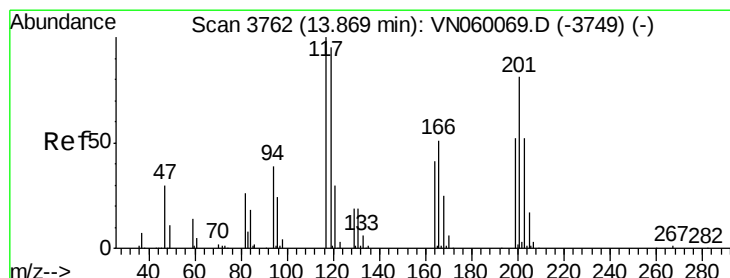
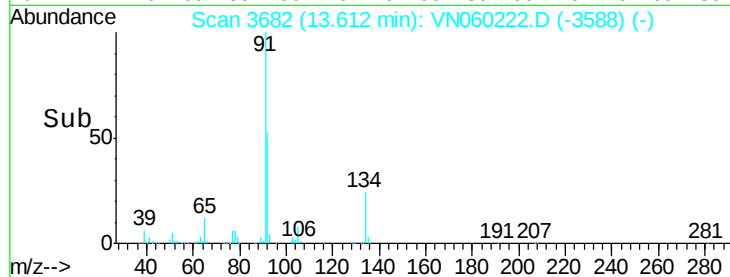
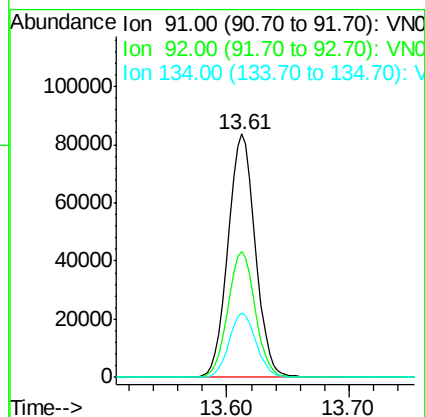
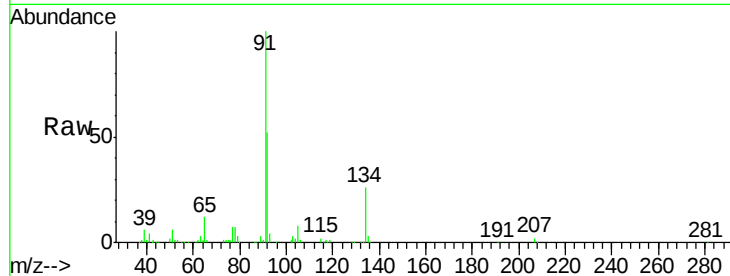
Tgt Ion: 91 Resp: 131203

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.2

134 26.3 13.1 39.3



#90

Hexachloroethane

Concen: 17.74 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060222.D

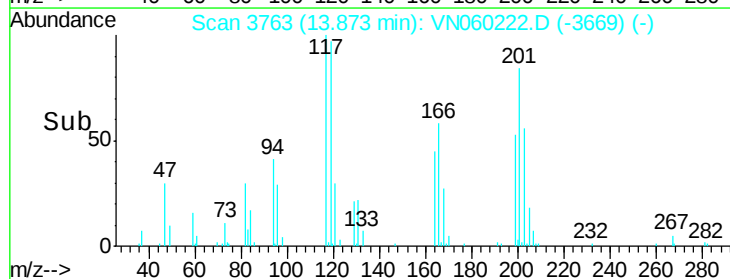
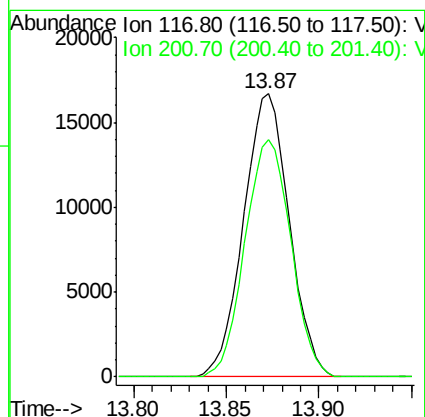
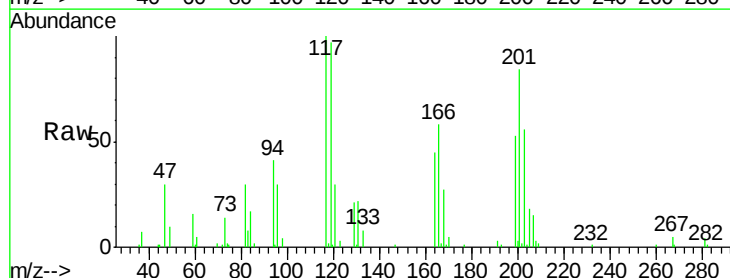
Acq: 25 Feb 2020 10:30

Tgt Ion: 117 Resp: 28521

Ion Ratio Lower Upper

117 100

201 84.3 41.7 125.1





#91

1,2-Dichlorobenzene

Concen: 17.82 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBS01

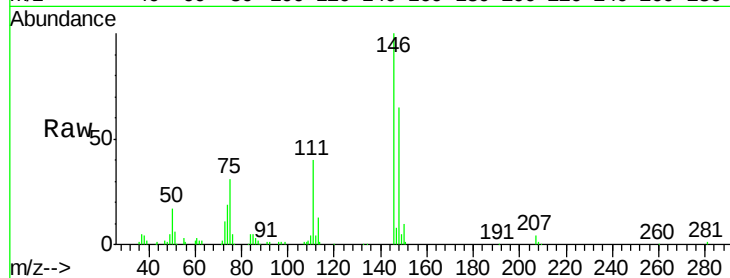
Tgt Ion:146 Resp: 74705

Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

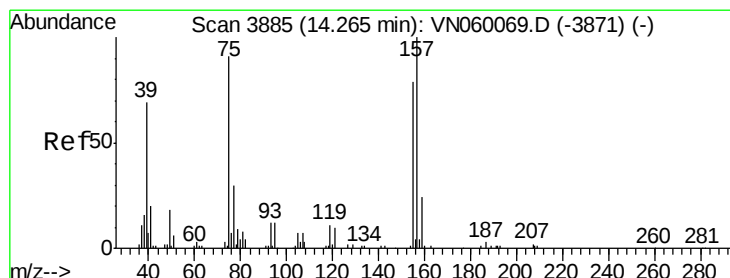
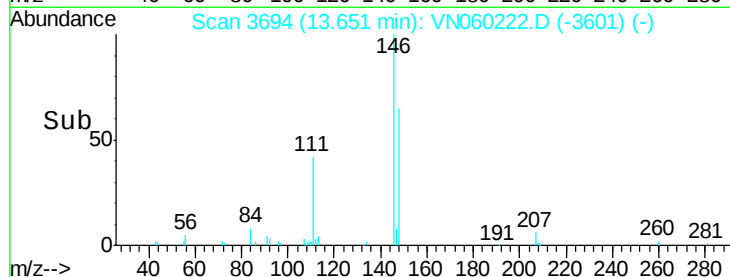
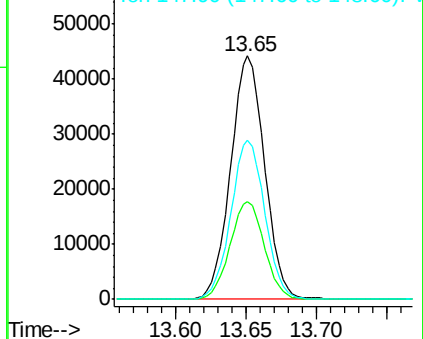
148 65.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.02 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060222.D

Acq: 25 Feb 2020 10:30

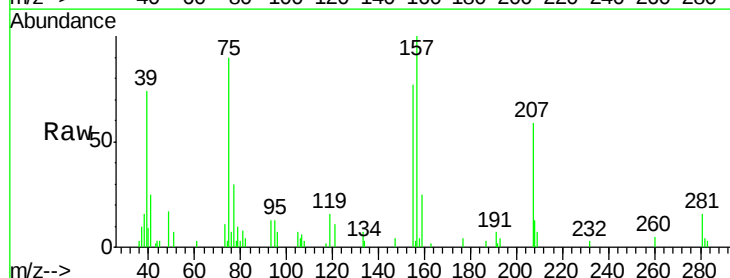
Tgt Ion: 75 Resp: 10463

Ion Ratio Lower Upper

75 100

155 82.0 43.0 129.0

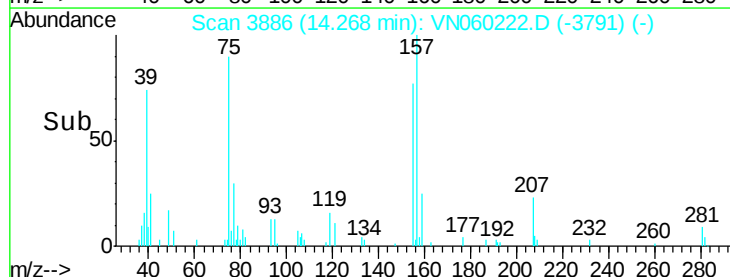
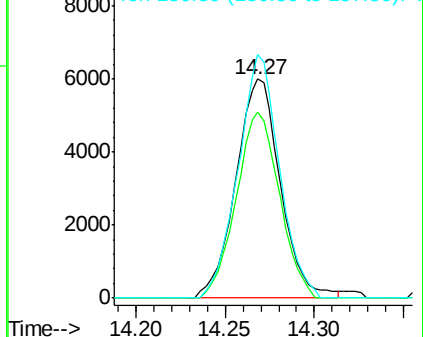
157 103.3 54.9 164.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

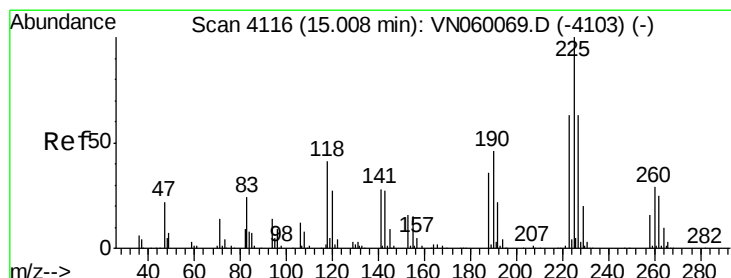
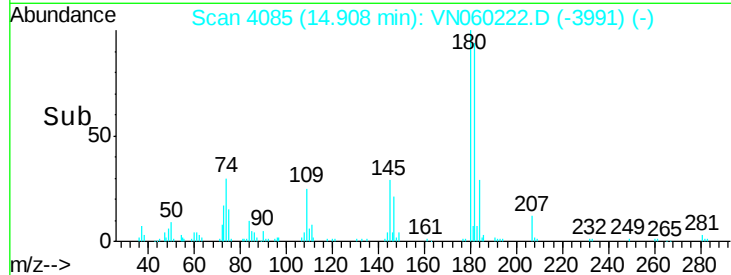
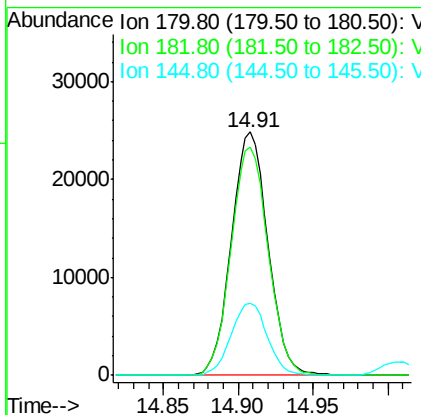
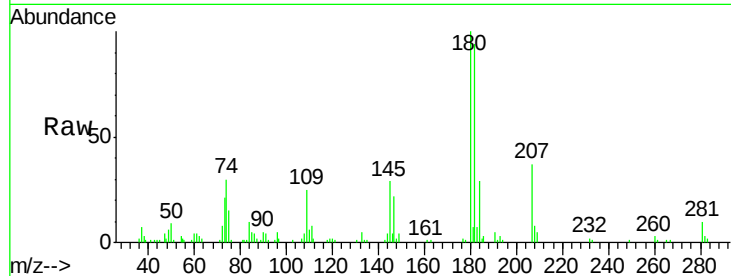




#93
 1,2,4-Trichlorobenzene
 Concen: 17.18 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

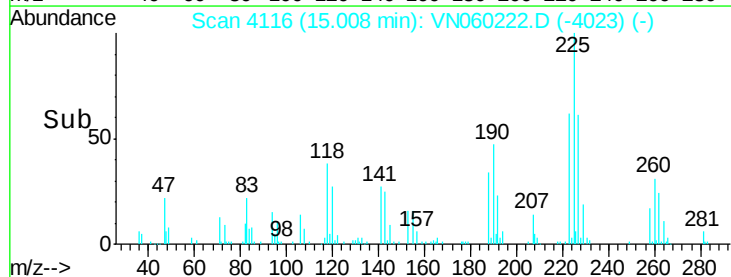
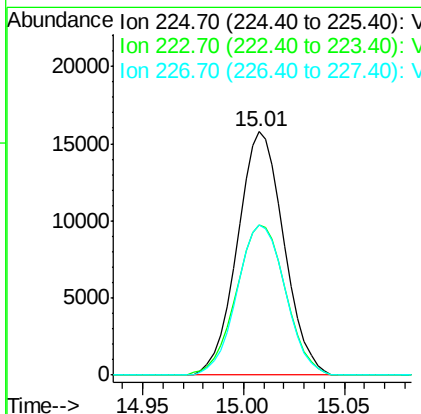
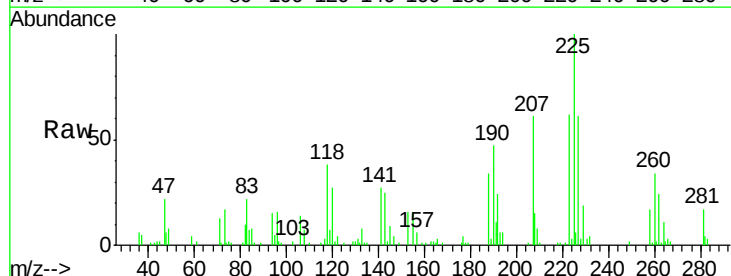
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

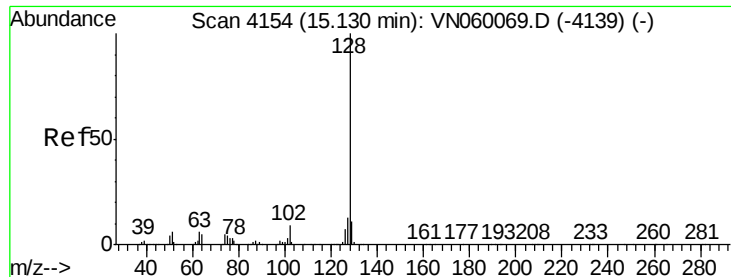
Tgt Ion:180 Resp: 42318
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.8
 145 29.2 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 17.63 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060222.D
 Acq: 25 Feb 2020 10:30

Tgt Ion:225 Resp: 25426
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.5 94.5
 227 64.1 31.8 95.4

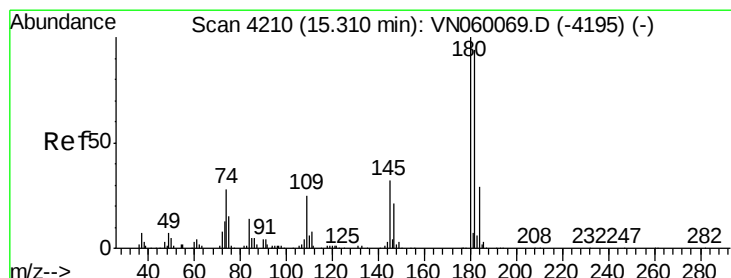
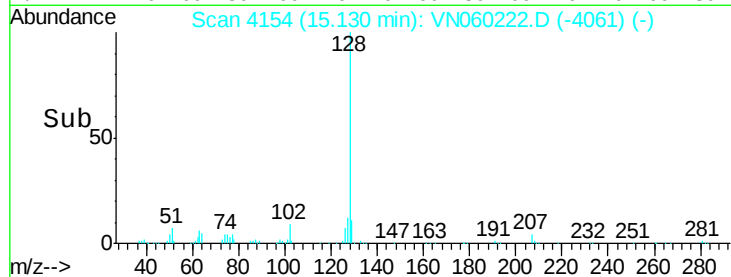
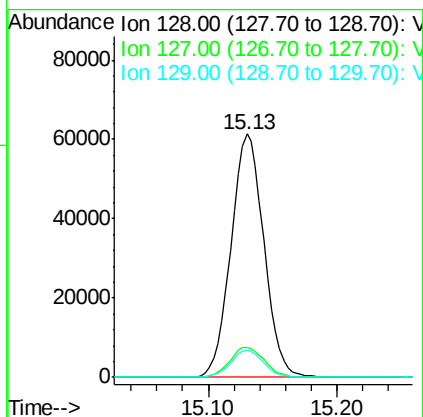
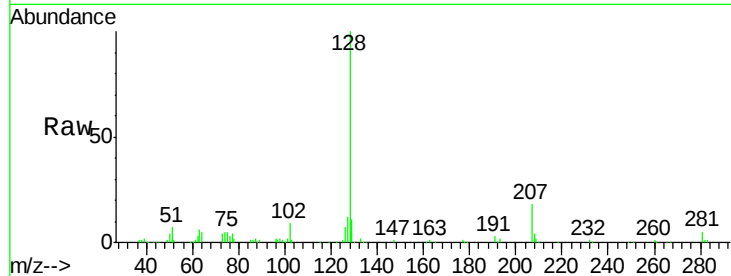




#95
Naphthalene
Concen: 16.33 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBS01

Tgt Ion:128 Resp: 108678
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.30 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060222.D
Acq: 25 Feb 2020 10:30

Tgt Ion:180 Resp: 42444
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 32.1 16.1 48.3

