

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
 Data File : VN060008.D
 Acq On : 6 Feb 2020 11:15
 Operator : JC/MD
 Sample : VN0206WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Quant Time: Feb 06 16:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	285325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	107589	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.56	113	89634	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.08	98	334070	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	122912	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34787	15.80	ug/l	100
3) Chloromethane	2.04	50	35788	17.12	ug/l	99
4) Vinyl Chloride	2.17	62	45615	19.07	ug/l	96
5) Bromomethane	2.55	94	27623	18.92	ug/l	98
6) Chloroethane	2.69	64	21987	19.43	ug/l	98
7) Trichlorofluoromethane	3.00	101	55814	19.43	ug/l	100
8) Diethyl Ether	3.39	74	20313	20.15	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.73	101	33056	20.68	ug/l	94
10) Methyl Iodide	3.93	142	40121	15.52	ug/l	96
11) Tert butyl alcohol	4.73	59	34043	99.72	ug/l	99
12) 1,1-Dichloroethene	3.72	96	30709	18.38	ug/l	91
13) Acrolein	3.58	56	14161	58.60	ug/l	94
14) Allyl chloride	4.29	41	50181	22.28	ug/l	94
15) Acrylonitrile	4.94	53	81710	104.93	ug/l	99
16) Acetone	3.78	43	91721	127.71	ug/l	97
17) Carbon Disulfide	4.03	76	74194	15.59	ug/l	98
18) Methyl Acetate	4.29	43	50780	21.44	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	115420	21.19	ug/l	95
20) Methylene Chloride	4.52	84	36499	19.09	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	33559	18.90	ug/l	84
22) Diisopropyl ether	5.91	45	108408	21.24	ug/l	90
23) Vinyl Acetate	5.86	43	407703	103.19	ug/l	95
24) 1,1-Dichloroethane	5.82	63	63861	20.48	ug/l	98
25) 2-Butanone	6.80	43	119253	103.84	ug/l	93
26) 2,2-Dichloropropane	6.79	77	62459	20.84	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	40987	20.07	ug/l	90
28) Bromochloromethane	7.17	49	24086	19.33	ug/l #	77
29) Tetrahydrofuran	7.18	42	70828	99.68	ug/l	90
30) Chloroform	7.35	83	69323	21.46	ug/l	96
31) Cyclohexane	7.63	56	55113	18.37	ug/l #	86
32) 1,1,1-Trichloroethane	7.54	97	62134	20.80	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47437	19.09	ug/l	96
37) Ethyl Acetate	6.89	43	47686	20.46	ug/l	99
38) Carbon Tetrachloride	7.75	117	54467	20.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	55855	18.23	ug/l	95
40) Benzene	8.02	78	144177	19.46	ug/l	99
41) Methacrylonitrile	7.18	41	67591	58.88	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	53911	21.46	ug/l	97
43) Isopropyl Acetate	8.14	43	80916	20.19	ug/l	96
44) Trichloroethene	8.82	130	41670	20.60	ug/l	100
45) 1,2-Dichloropropane	9.10	63	38579	21.04	ug/l	99
46) Dibromomethane	9.19	93	27161	21.00	ug/l	93
47) Bromodichloromethane	9.39	83	55344	21.23	ug/l	98
48) Methyl methacrylate	9.18	41	34991	19.52	ug/l	92
49) 1,4-Dioxane	9.18	88	14189	432.29	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	236975	102.27	ug/l	96
52) Toluene	10.14	92	95558	20.42	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	61199	21.03	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	64021	20.91	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38757	20.91	ug/l	99
56) Ethyl methacrylate	10.42	69	55128	19.46	ug/l	95
57) 1,3-Dichloropropane	10.70	76	63517	21.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	90488	106.06	ug/l	94
59) 2-Hexanone	10.74	43	175695	102.92	ug/l	93
60) Dibromochloromethane	10.89	129	44731	21.19	ug/l	99
61) 1,2-Dibromoethane	10.99	107	40586	20.89	ug/l	97
64) Tetrachloroethene	10.62	164	42148	19.85	ug/l	97
65) Chlorobenzene	11.43	112	103611	20.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41562	21.01	ug/l	99
67) Ethyl Benzene	11.50	91	185986	20.01	ug/l	98
68) m/p-Xylenes	11.62	106	139388	39.70	ug/l	95
69) o-Xylene	11.94	106	67663	19.69	ug/l	96
70) Styrene	11.96	104	108172	18.81	ug/l	97
71) Bromoform	12.12	173	32370	20.43	ug/l #	96
73) Isopropylbenzene	12.25	105	185432	20.30	ug/l	100
74) N-amyl acetate	12.07	43	67989	19.18	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	54845	20.71	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	74246	35.42	ug/l #	100
77) Bromobenzene	12.52	156	46016	19.89	ug/l	85
78) n-propylbenzene	12.59	91	205211	20.01	ug/l	98
79) 2-Chlorotoluene	12.67	91	124272	20.37	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	152955	19.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19281	19.75	ug/l	97
82) 4-Chlorotoluene	12.77	91	125845	20.57	ug/l	97
83) tert-Butylbenzene	12.99	119	135882	20.45	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	153994	20.26	ug/l	99
85) sec-Butylbenzene	13.17	105	177669	20.35	ug/l	100
86) p-Isopropyltoluene	13.29	119	159802	19.78	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	82380	20.50	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81064	20.22	ug/l	98
89) n-Butylbenzene	13.61	91	138453	20.10	ug/l	99
90) Hexachloroethane	13.87	117	30558	20.22	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	81425	20.50	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11492	18.92	ug/l	90

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47155	19.75	ug/l	100
94) Hexachlorobutadiene	15.01	225	26749	20.33	ug/l	99
95) Naphthalene	15.13	128	127332	18.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47752	20.55	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

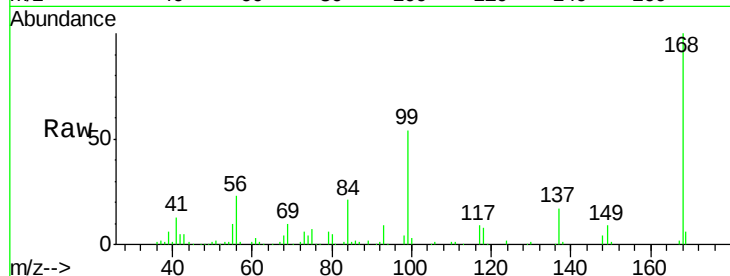
VN0206WBS01

Tgt Ion:168 Resp: 182606

Ion Ratio Lower Upper

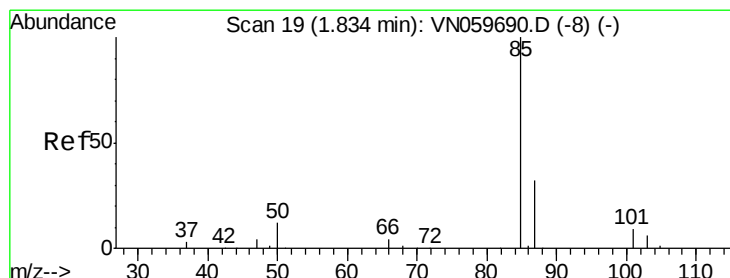
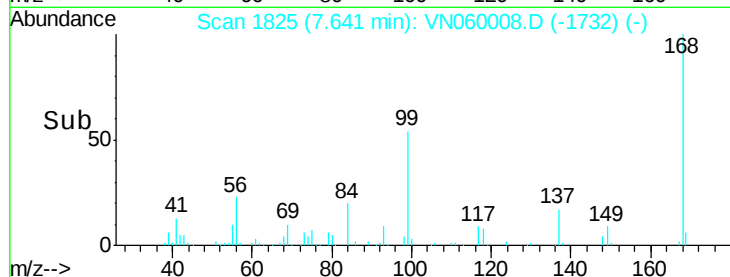
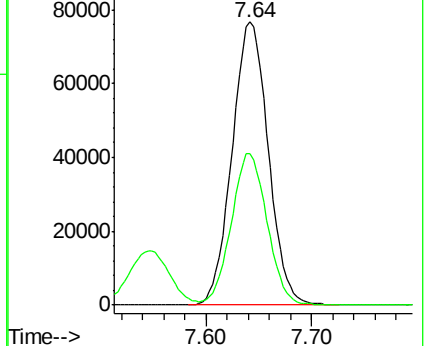
168 100

99 53.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 15.80 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060008.D

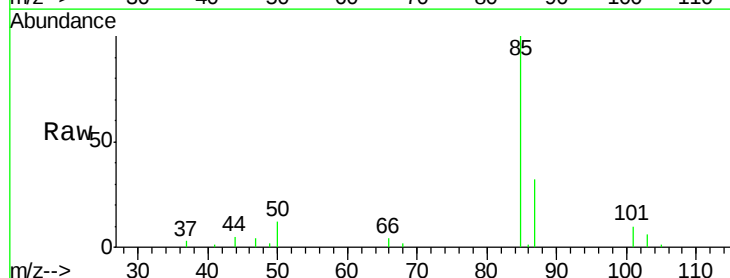
Acq: 6 Feb 2020 11:15

Tgt Ion: 85 Resp: 34787

Ion Ratio Lower Upper

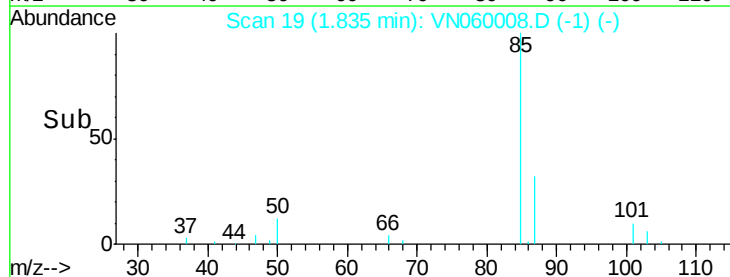
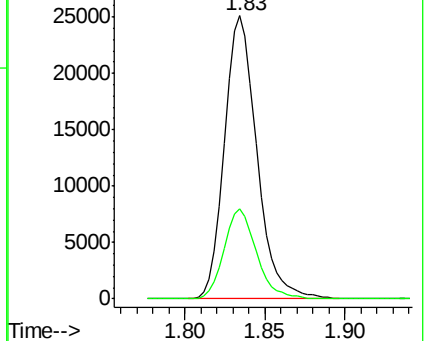
85 100

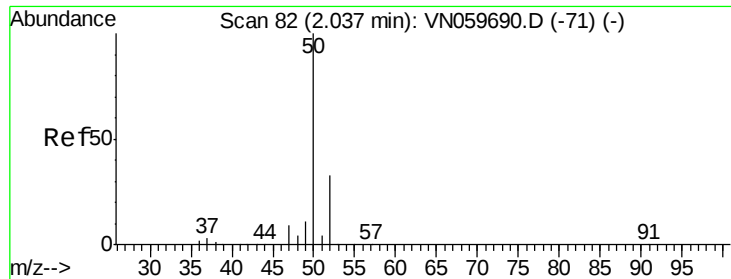
87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.12 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

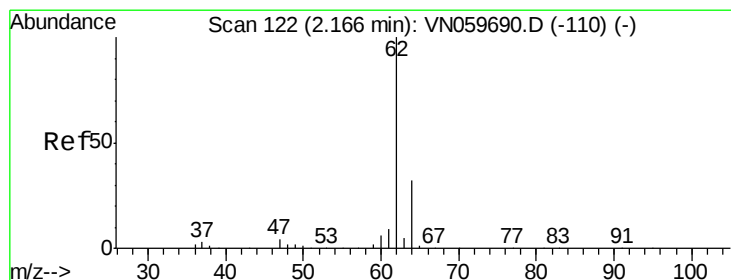
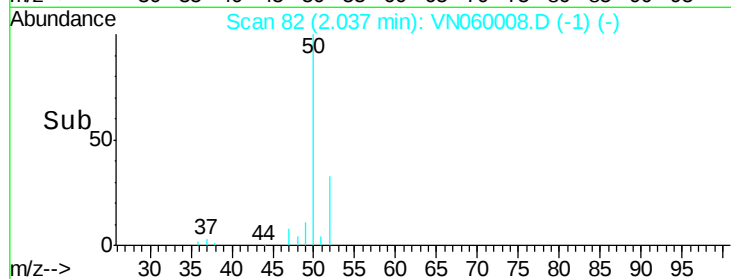
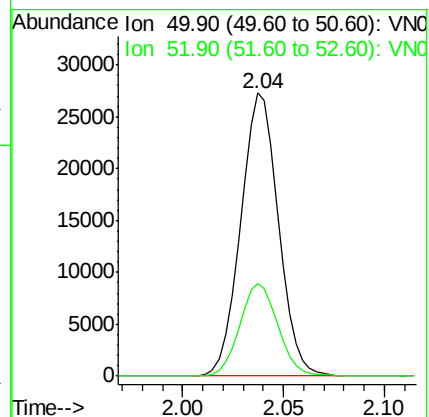
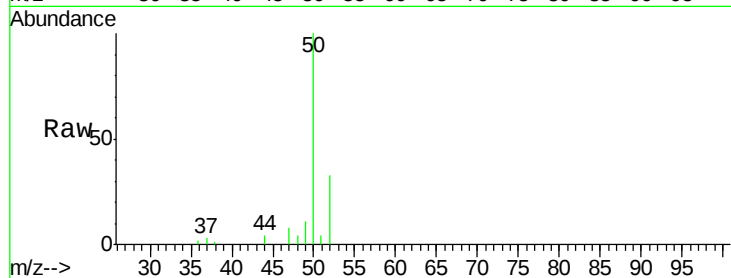
VN0206WBS01

Tgt Ion: 50 Resp: 35788

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



#4

Vinyl Chloride

Concen: 19.07 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060008.D

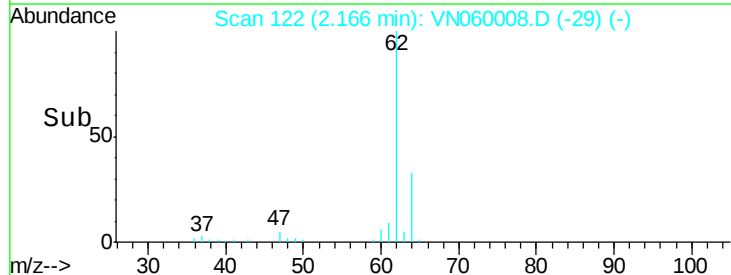
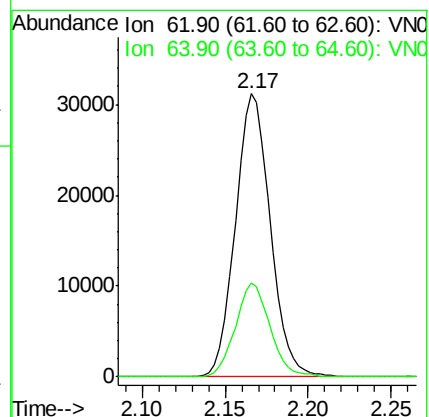
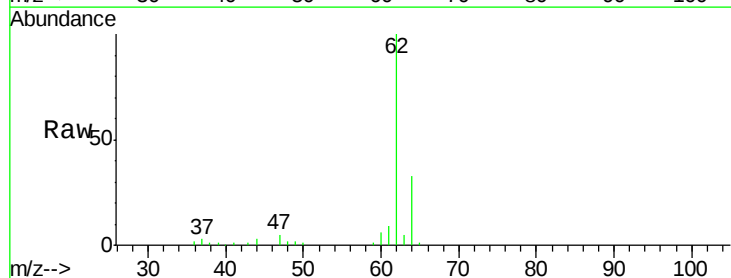
Acq: 6 Feb 2020 11:15

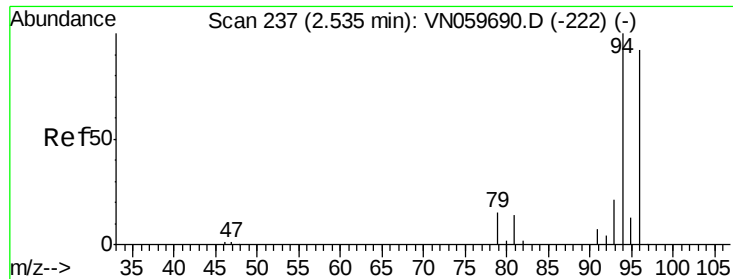
Tgt Ion: 62 Resp: 45615

Ion Ratio Lower Upper

62 100

64 33.3 24.6 37.0

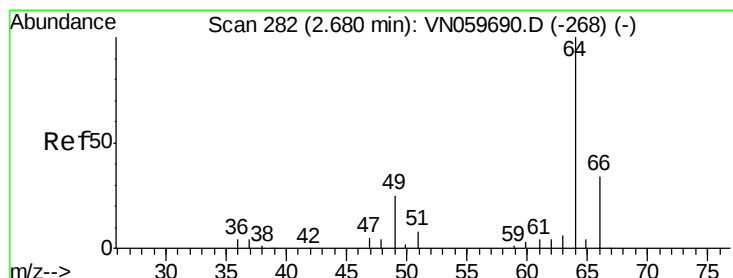
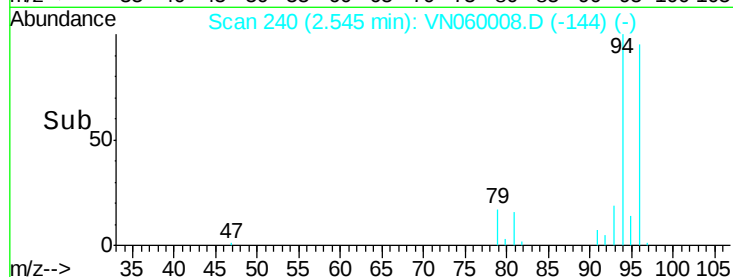
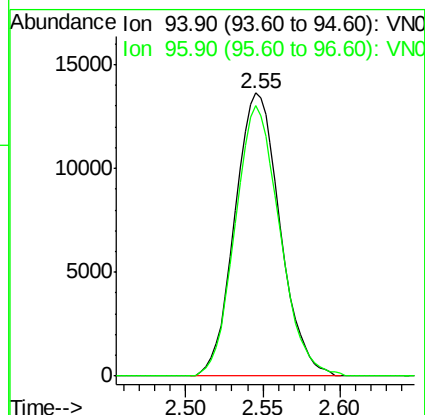
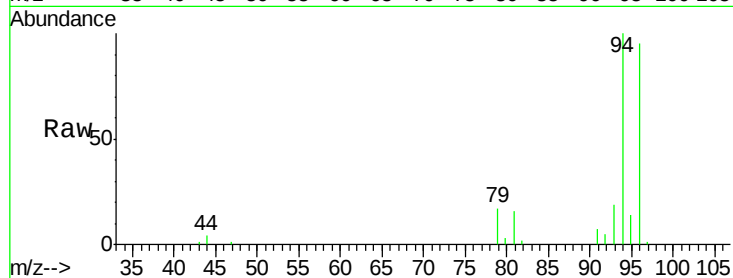




#5
Bromomethane
Concen: 18.92 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

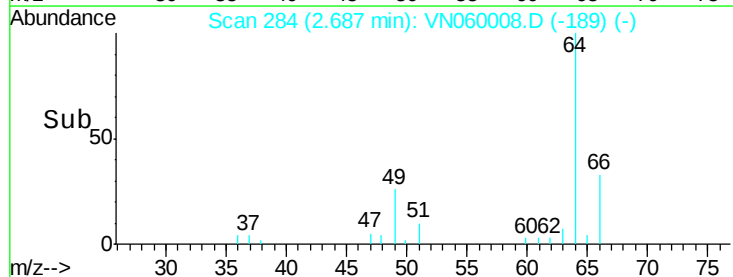
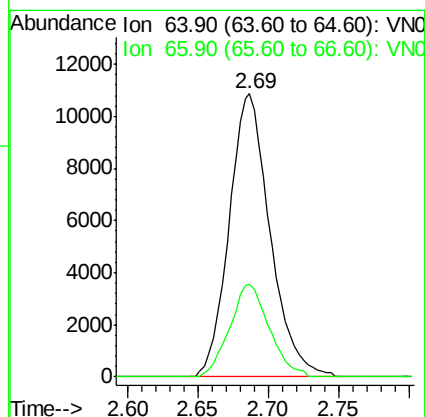
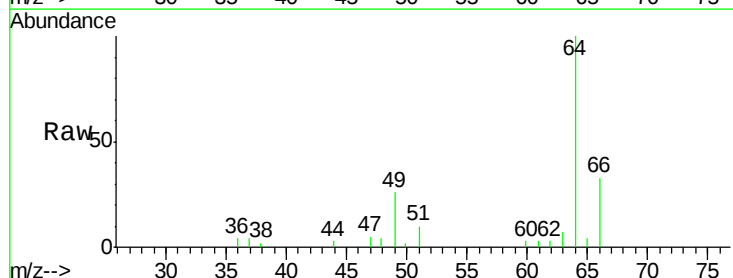
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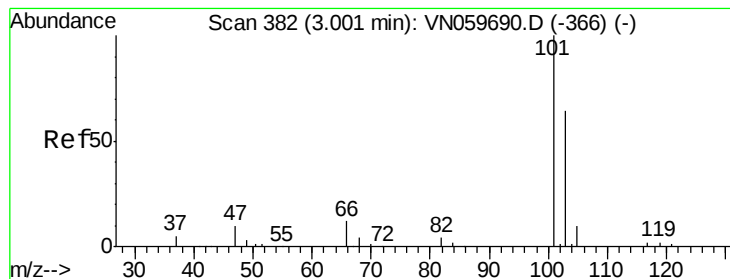
Tgt Ion: 94 Resp: 27623
Ion Ratio Lower Upper
94 100
96 95.4 74.7 112.1



#6
Chloroethane
Concen: 19.43 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 64 Resp: 21987
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7



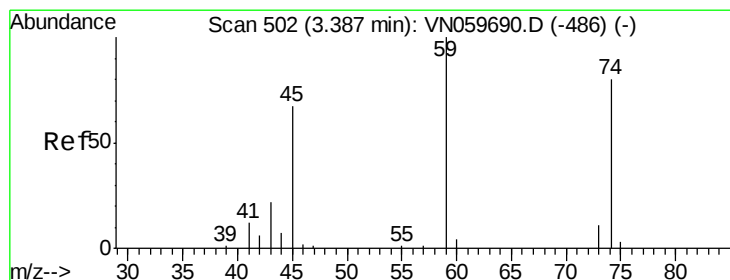
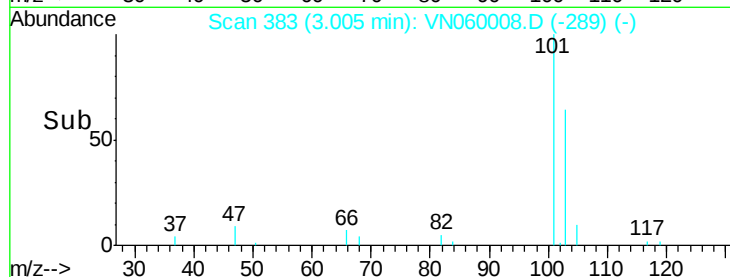
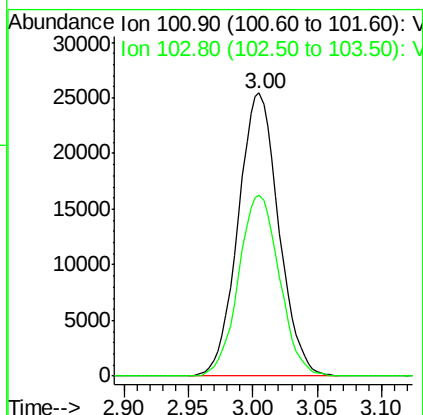
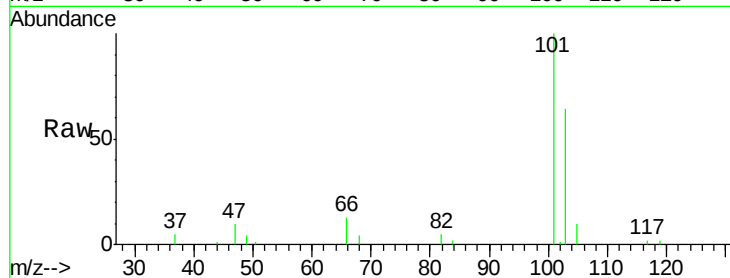


#7

Trichlorofluoromethane
Concen: 19.43 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

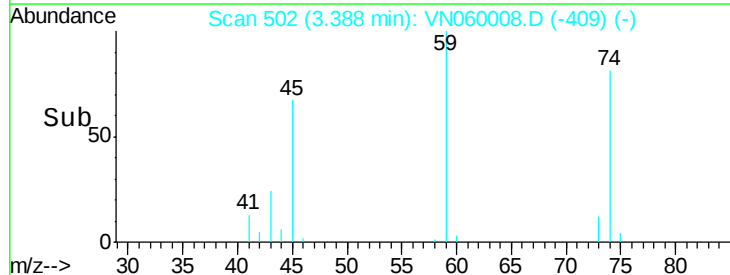
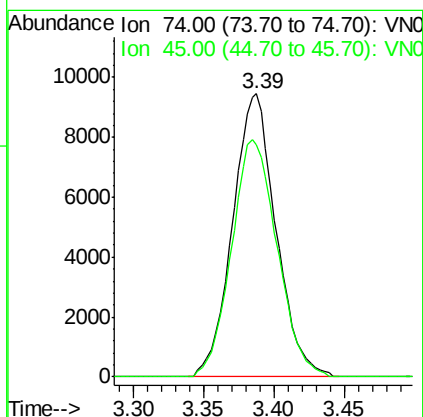
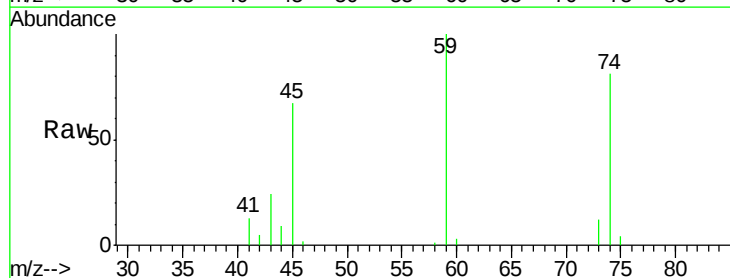
Tgt Ion:101 Resp: 55814
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

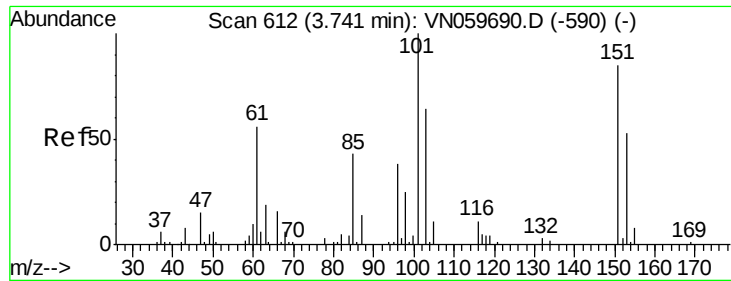


#8

Diethyl Ether
Concen: 20.15 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 74 Resp: 20313
Ion Ratio Lower Upper
74 100
45 88.2 51.9 155.8

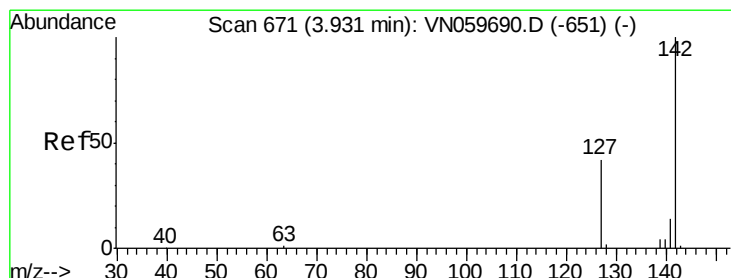
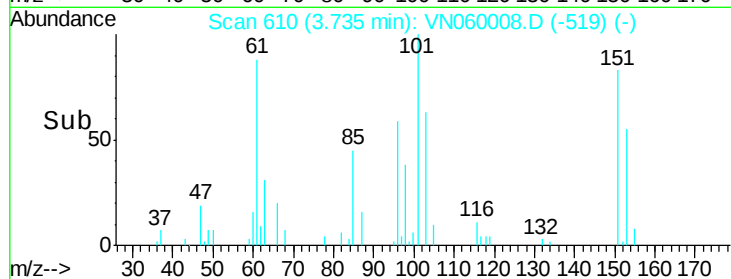
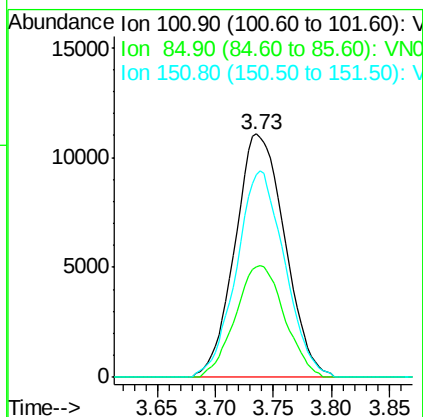
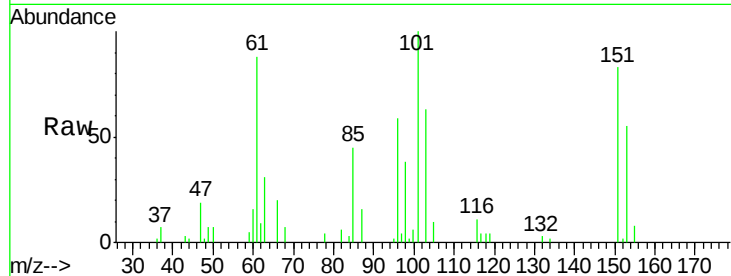




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.68 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

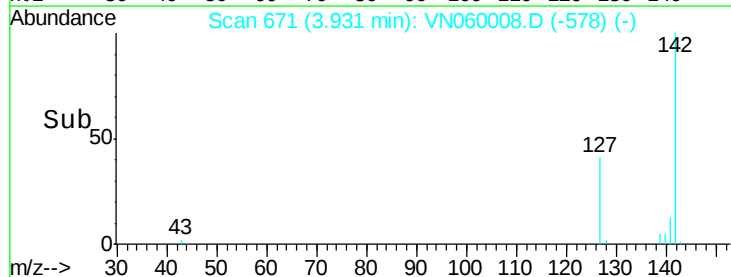
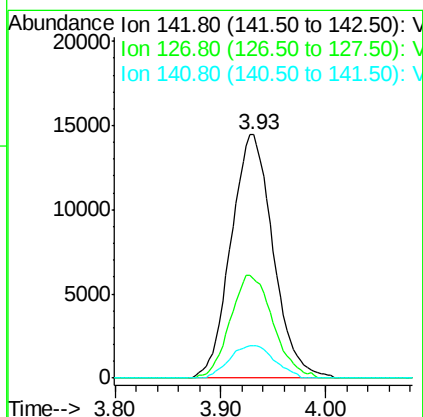
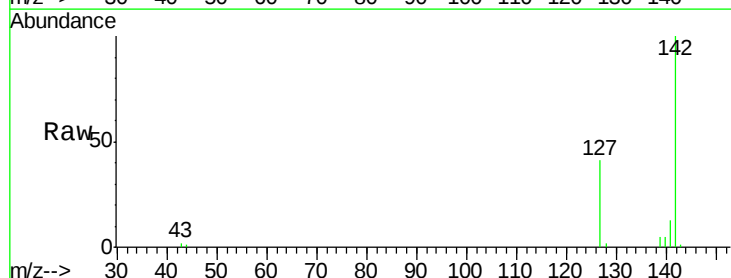
Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBS01

Tgt Ion:101 Resp: 33056
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.6 54.8
 151 82.0 59.7 89.5



#10
 Methyl Iodide
 Concen: 15.52 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion:142 Resp: 40121
 Ion Ratio Lower Upper
 142 100
 127 43.0 36.7 55.1
 141 14.1 11.7 17.5

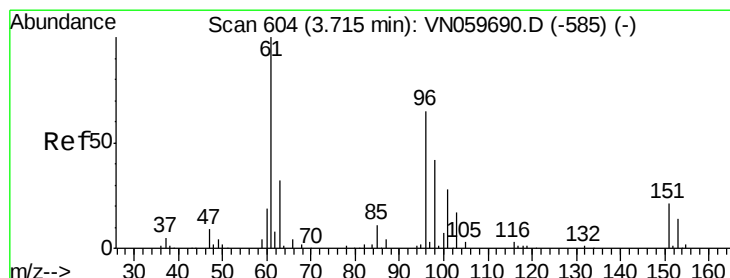
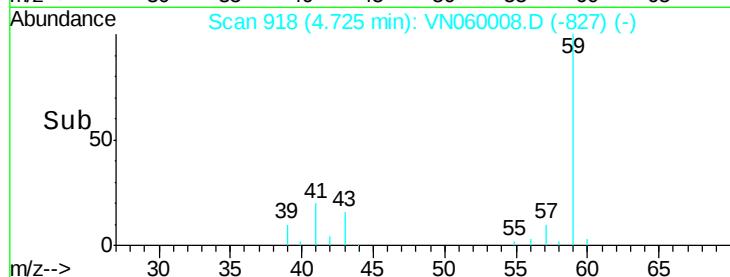
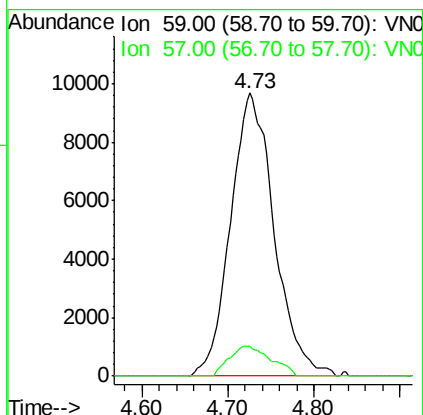
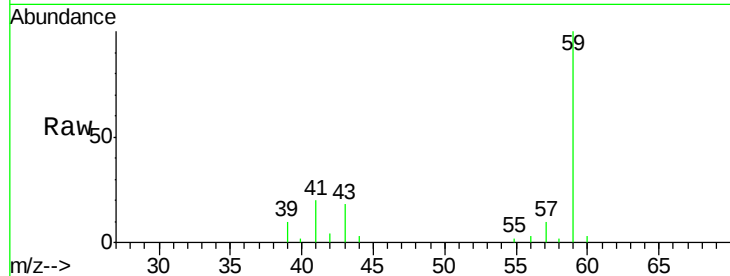




#11
Tert butyl alcohol
Concen: 99.72 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

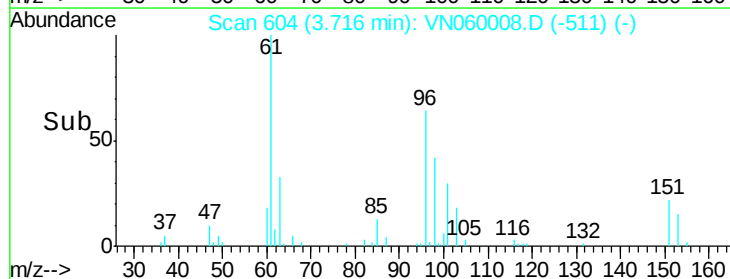
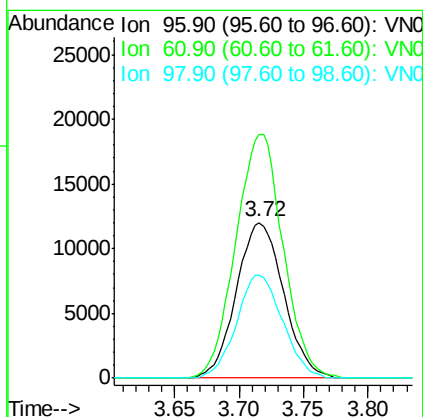
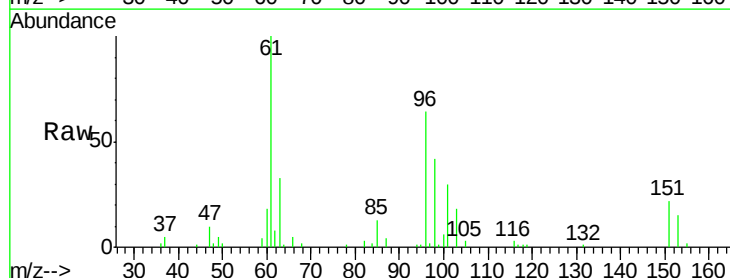
Instrument :
MSVOA_N
ClientSampled :
VN0206WBS01

Tgt Ion: 59 Resp: 34043
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.38 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 96 Resp: 30709
Ion Ratio Lower Upper
96 100
61 156.8 137.5 206.3
98 66.0 50.2 75.4





#13

Acrolein

Concen: 58.60 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

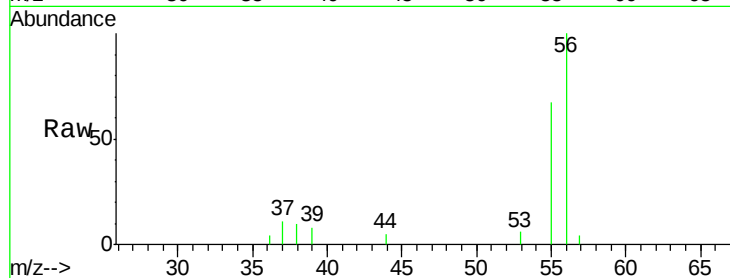
VN0206WBS01

Tgt Ion: 56 Resp: 14161

Ion Ratio Lower Upper

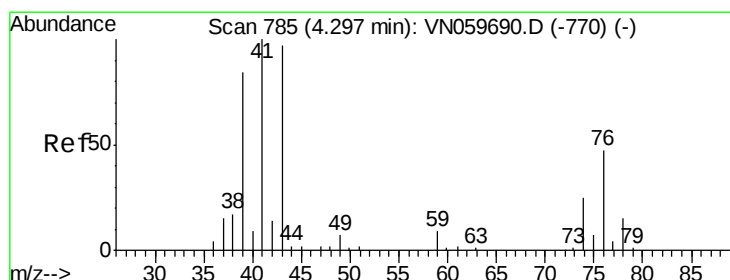
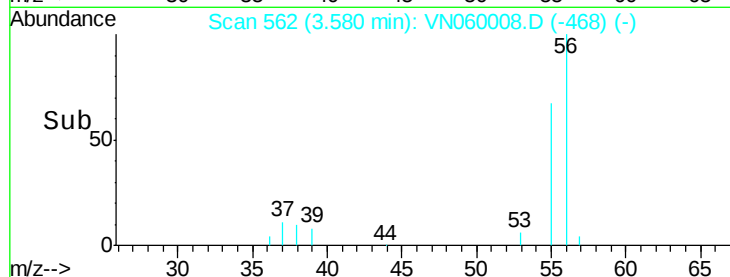
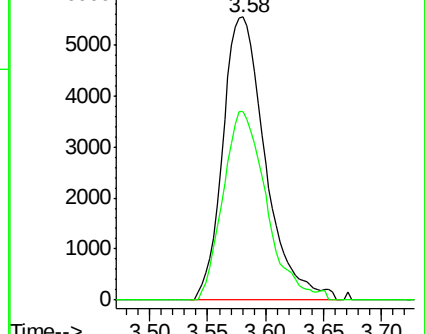
56 100

55 68.0 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.28 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

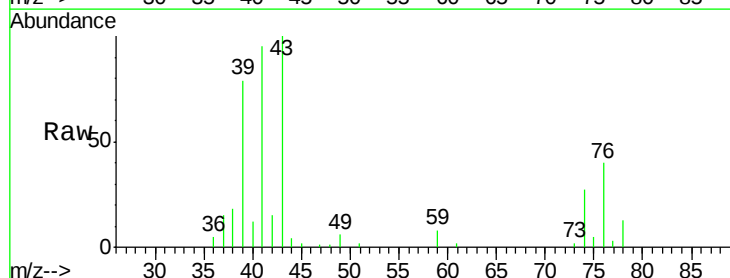
Tgt Ion: 41 Resp: 50181

Ion Ratio Lower Upper

41 100

39 75.5 57.8 86.8

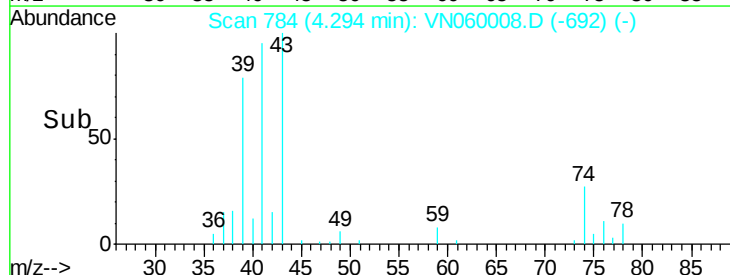
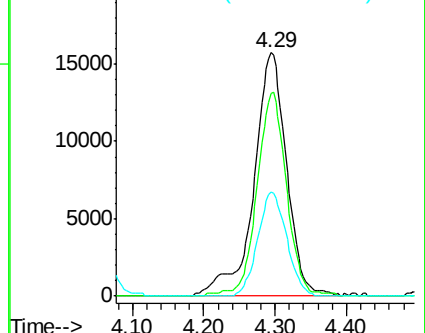
76 37.5 25.4 38.0



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

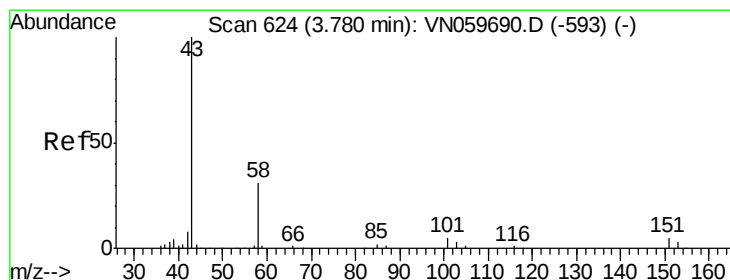
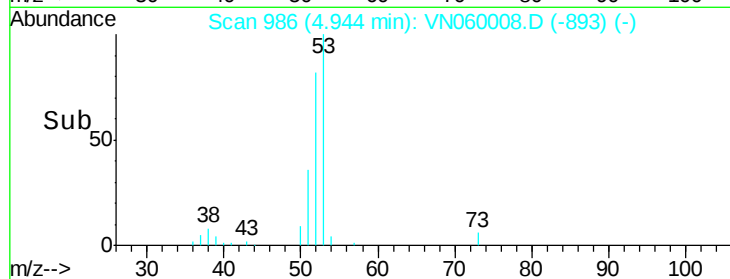
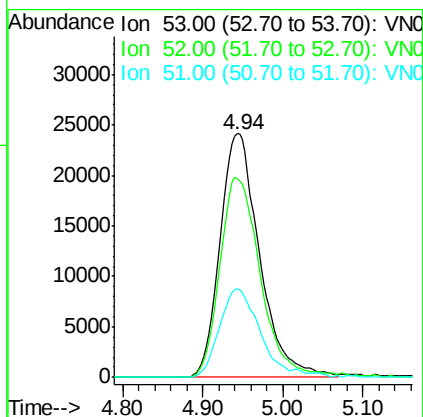
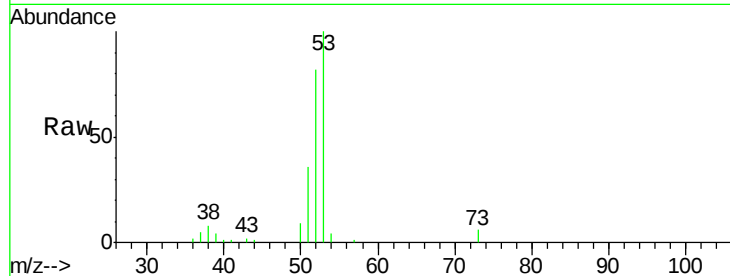




#15
 Acrylonitrile
 Concen: 104.93 ug/l
 RT: 4.94 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

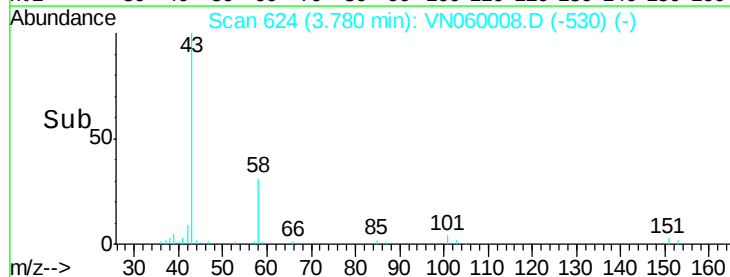
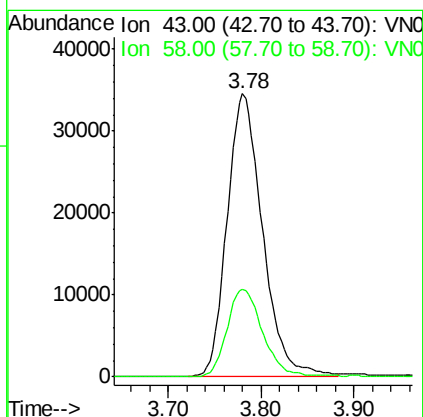
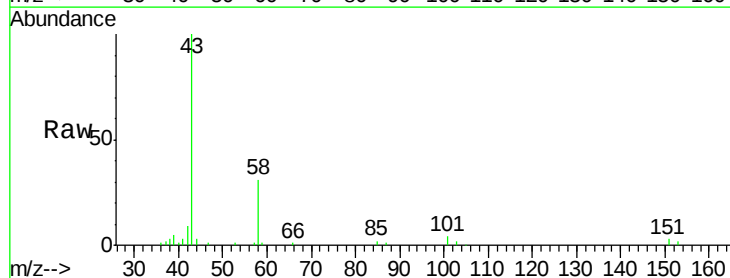
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

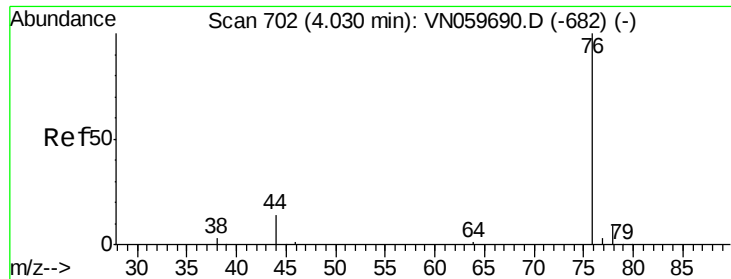
Tgt Ion: 53 Resp: 81710
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.3 99.5
 51 36.2 29.7 44.5



#16
 Acetone
 Concen: 127.71 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 43 Resp: 91721
 Ion Ratio Lower Upper
 43 100
 58 31.2 23.6 35.4

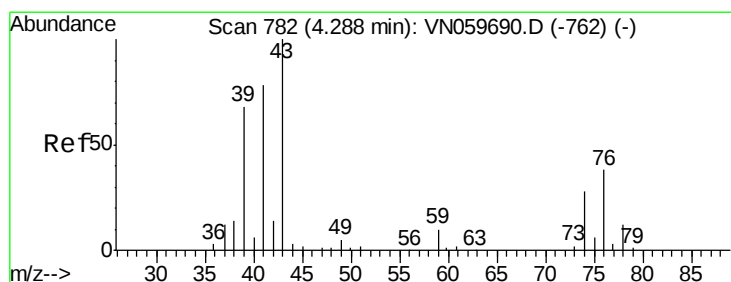
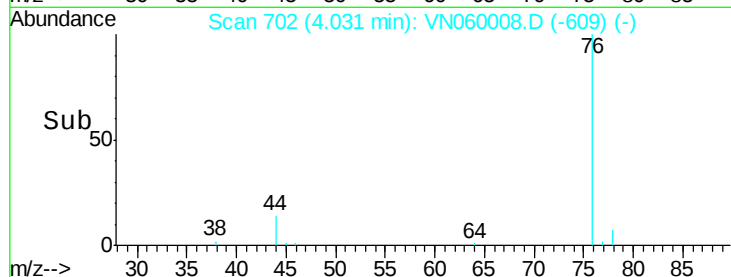
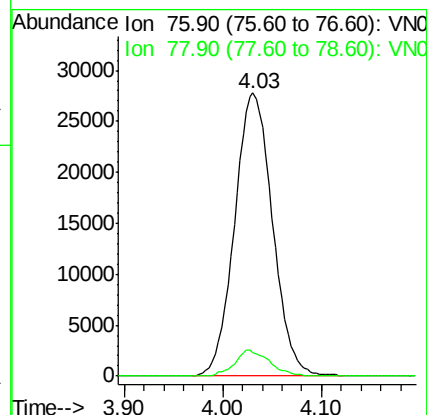
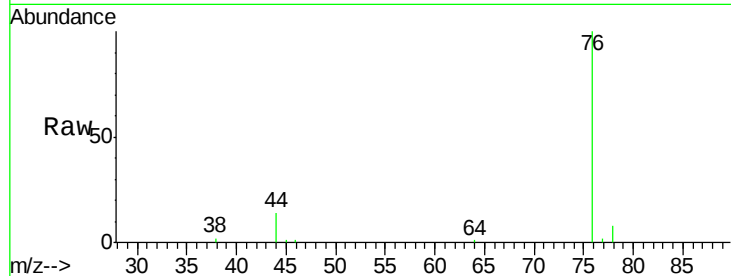




#17
Carbon Disulfide
Concen: 15.59 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

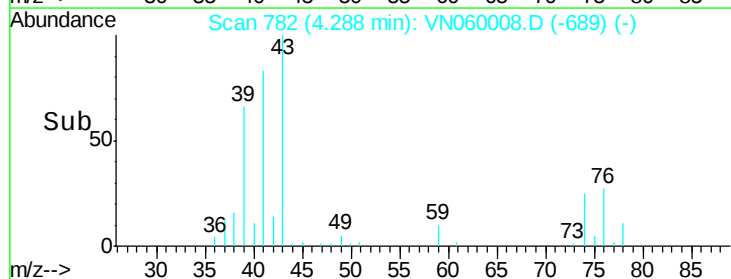
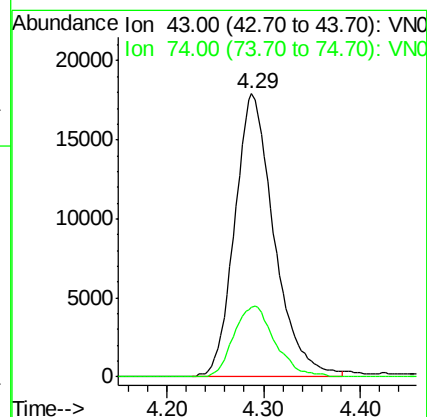
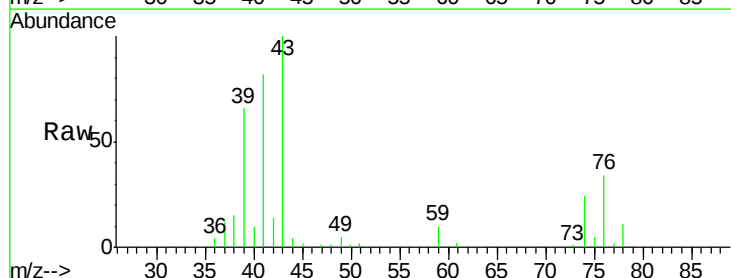
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

Tgt Ion: 76 Resp: 74194
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 21.44 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 43 Resp: 50780
Ion Ratio Lower Upper
43 100
74 26.0 17.5 26.3

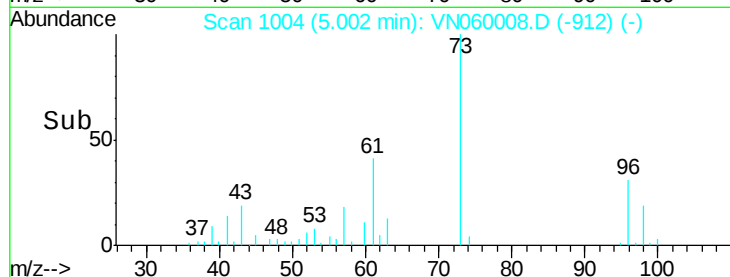
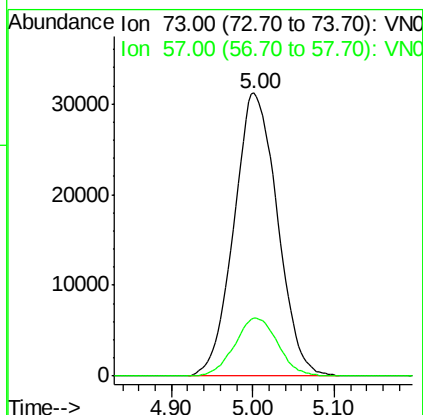
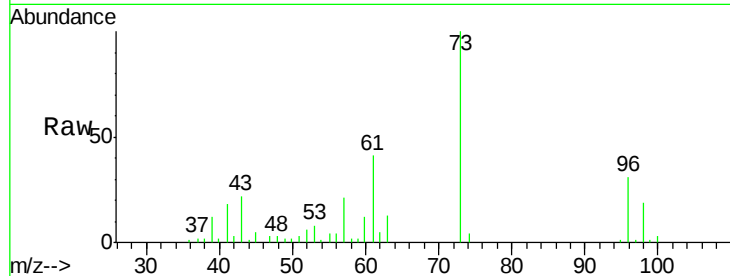




#19
Methyl tert-butyl Ether
Concen: 21.19 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

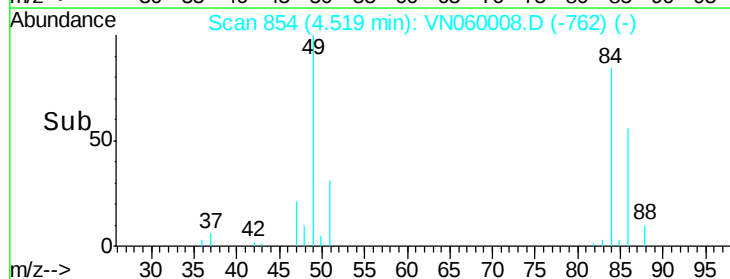
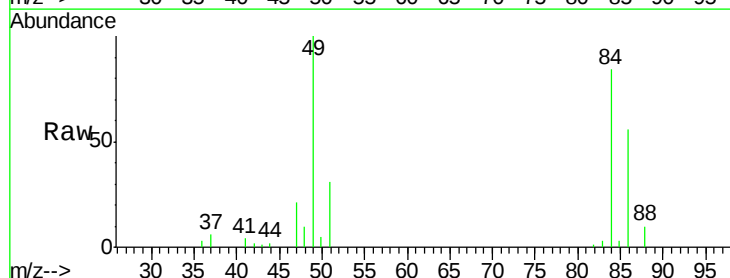
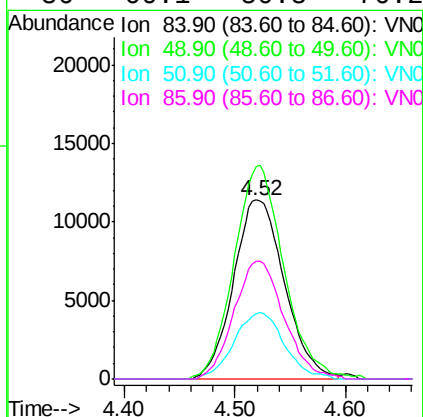
Instrument :
MSVOA_N
ClientSampled :
VN0206WBS01

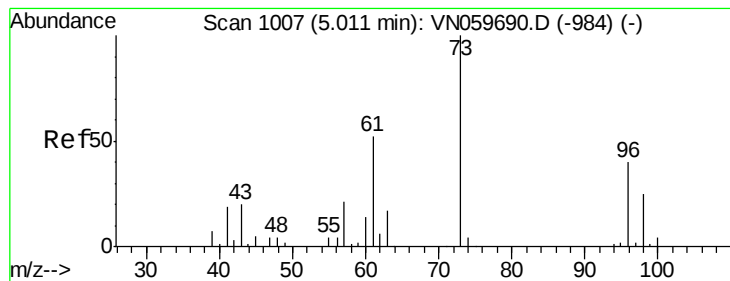
Tgt Ion: 73 Resp: 115420
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8



#20
Methylene Chloride
Concen: 19.09 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 84 Resp: 36499
Ion Ratio Lower Upper
84 100
49 118.7 106.6 160.0
51 36.4 31.9 47.9
86 66.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.90 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

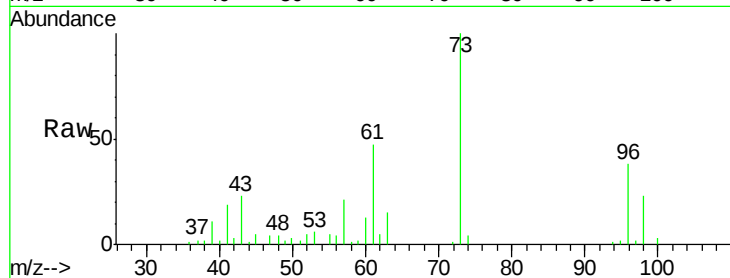
Tgt Ion: 96 Resp: 33559

Ion Ratio Lower Upper

96 100

61 123.4 120.4 180.6

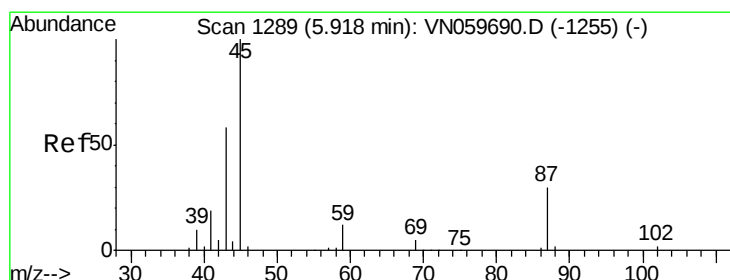
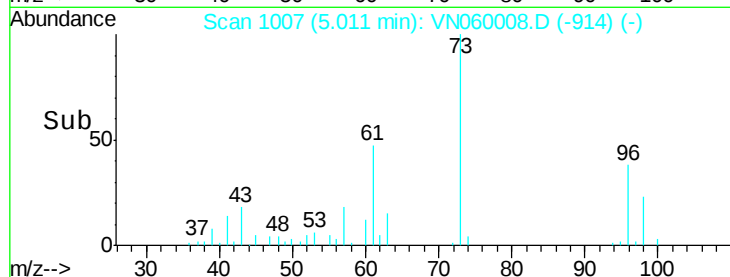
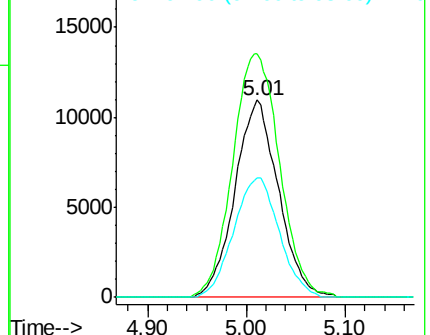
98 60.5 50.6 75.8



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: 21.24 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Tgt Ion: 45 Resp: 108408

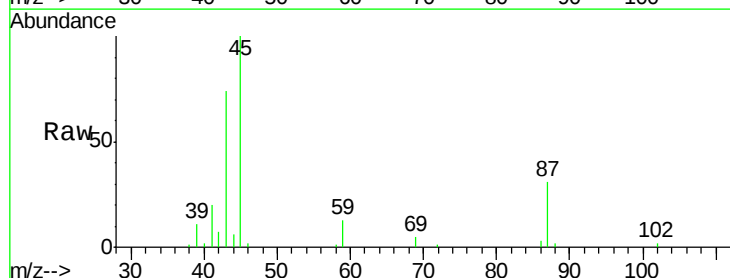
Ion Ratio Lower Upper

45 100

43 72.4 50.8 76.2

87 31.2 21.0 31.6

59 12.9 9.1 13.7

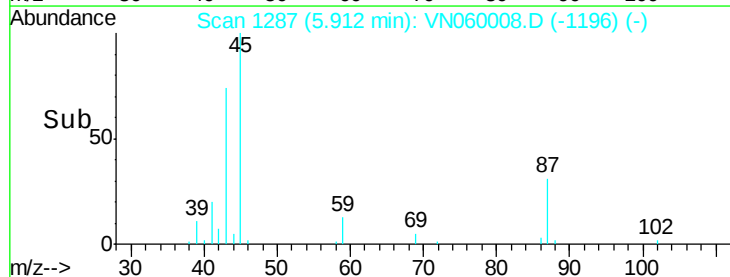
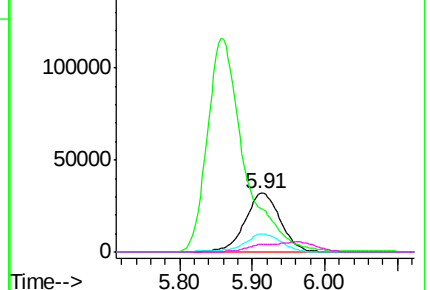


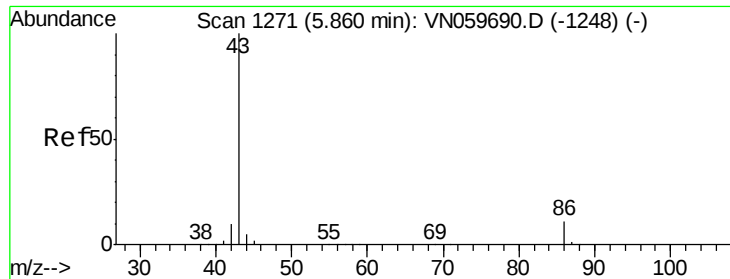
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

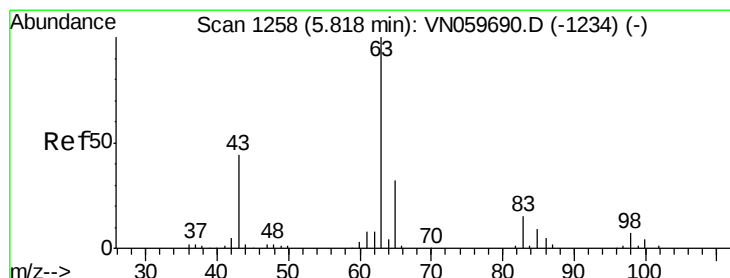
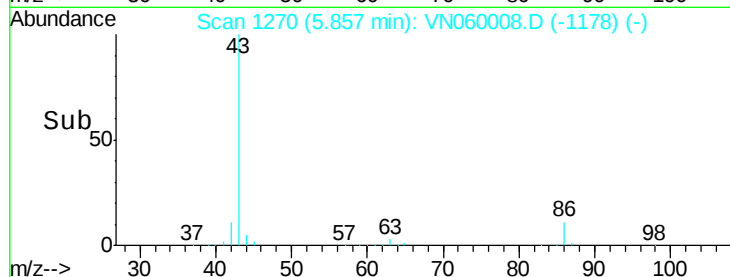
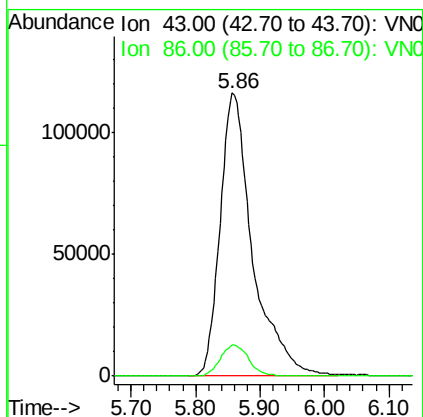
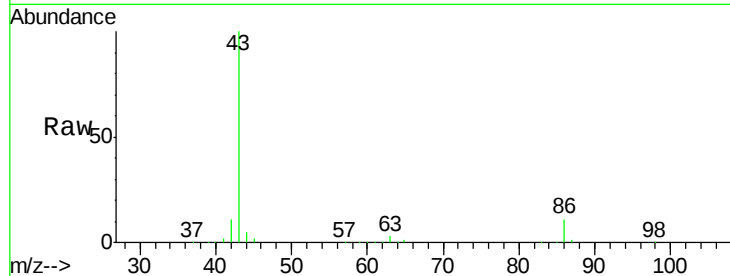




#23
 Vinyl Acetate
 Concen: 103.19 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

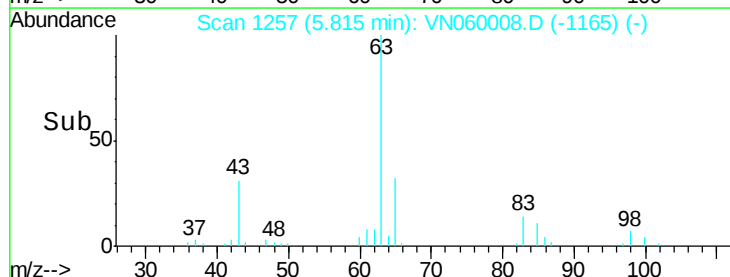
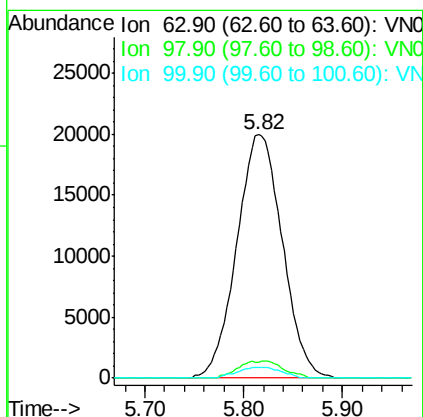
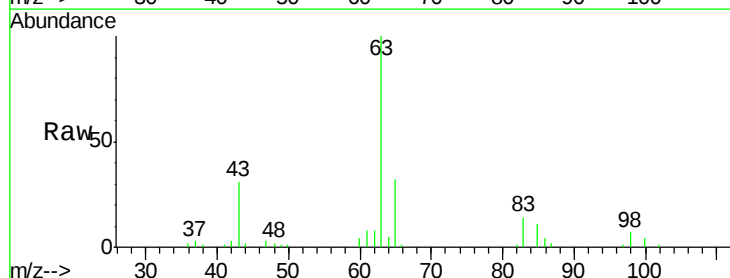
Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBS01

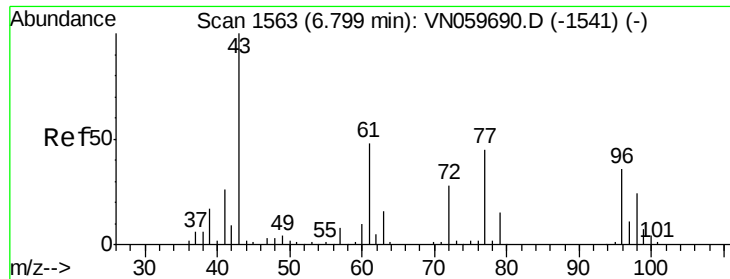
Tgt Ion: 43 Resp: 407703
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.48 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 63 Resp: 63861
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.7
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 103.84 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

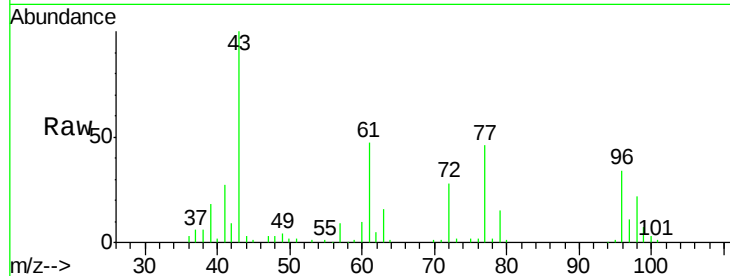
VN0206WBS01

Tgt Ion: 43 Resp: 119253

Ion Ratio Lower Upper

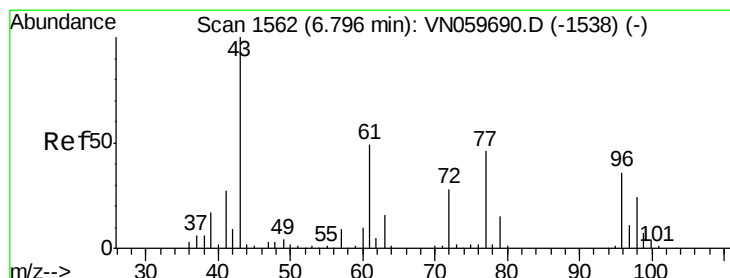
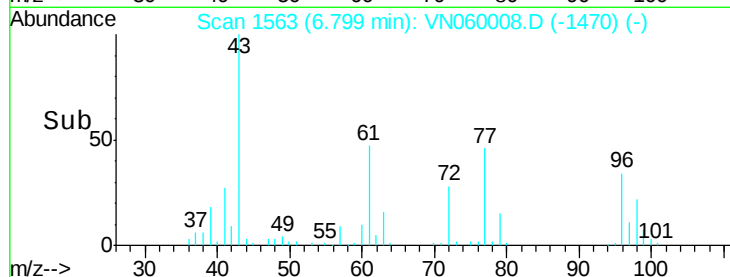
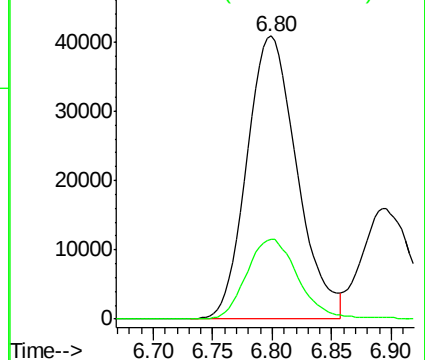
43 100

72 28.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.84 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060008.D

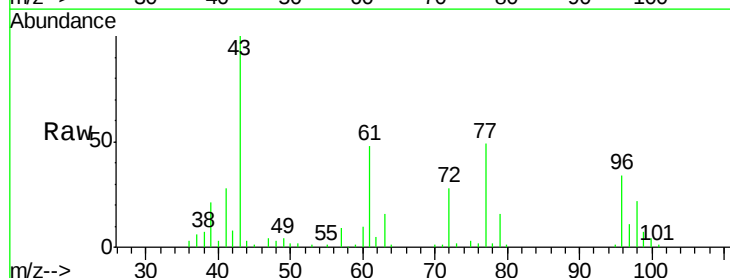
Acq: 6 Feb 2020 11:15

Tgt Ion: 77 Resp: 62459

Ion Ratio Lower Upper

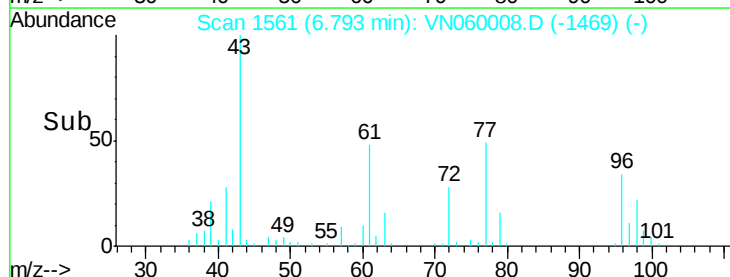
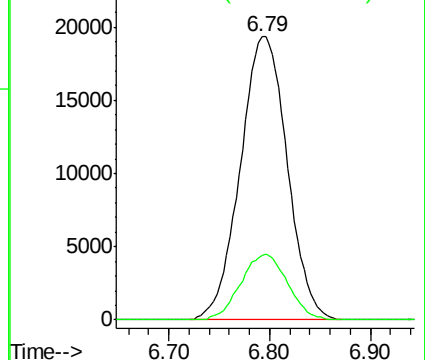
77 100

97 23.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.07 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

VN0206WBS01

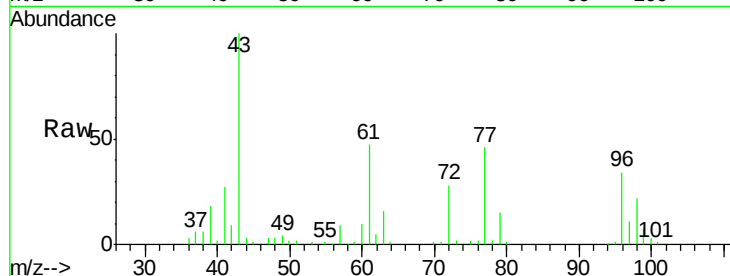
Tgt Ion: 96 Resp: 40987

Ion Ratio Lower Upper

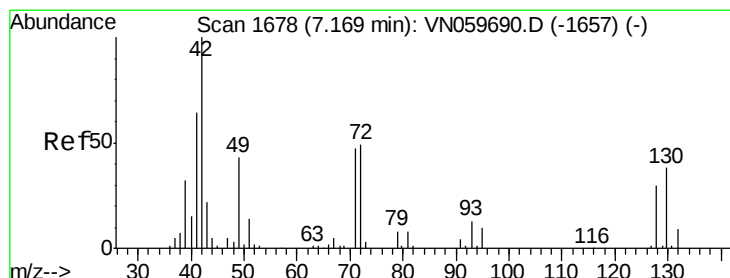
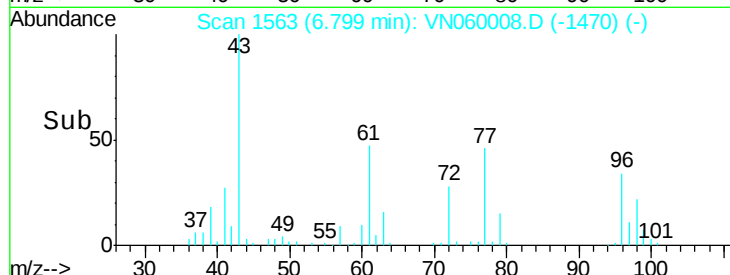
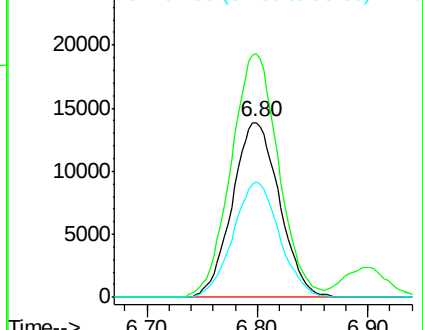
96 100

61 140.7 0.0 317.6

98 65.0 0.0 127.0



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: 19.33 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

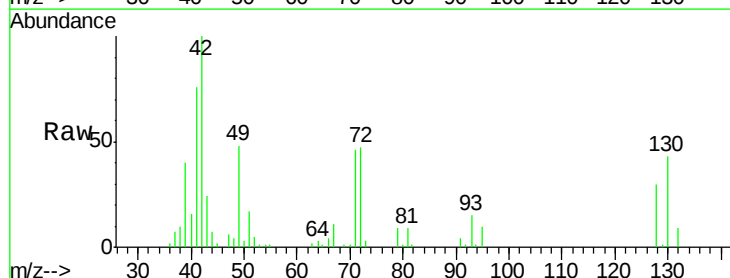
Tgt Ion: 49 Resp: 24086

Ion Ratio Lower Upper

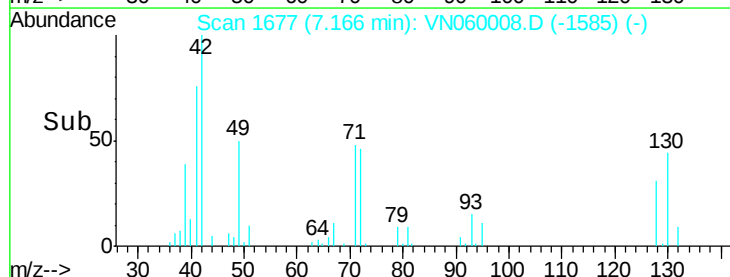
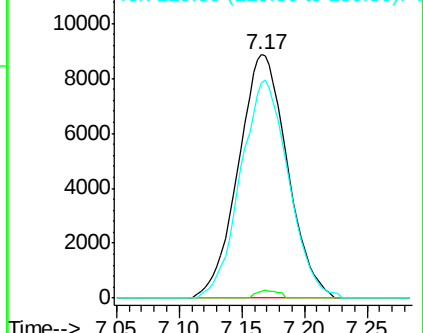
49 100

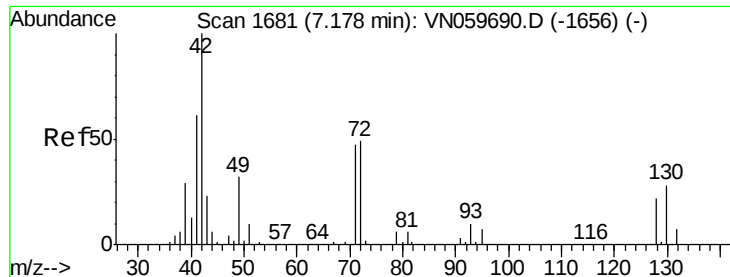
129 1.4 0.0 3.4

130 87.8 54.7 82.1#



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

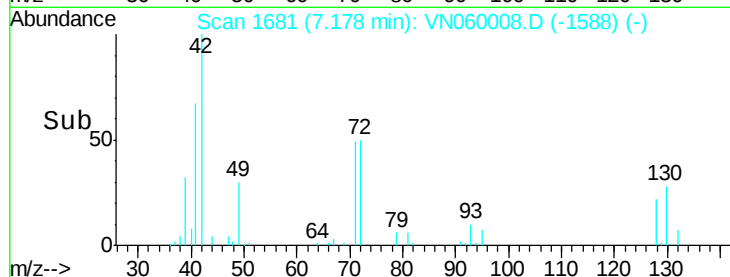
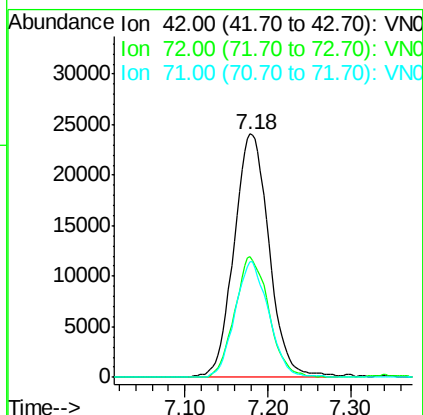
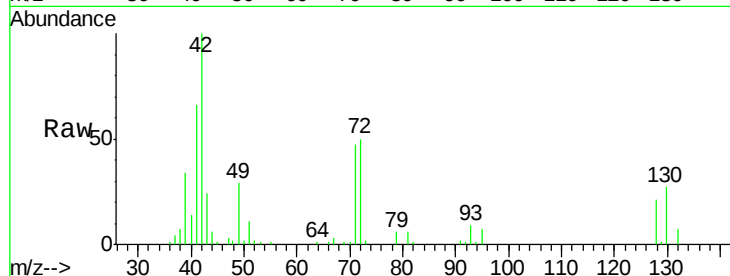




#29
Tetrahydrofuran
Concen: 99.68 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

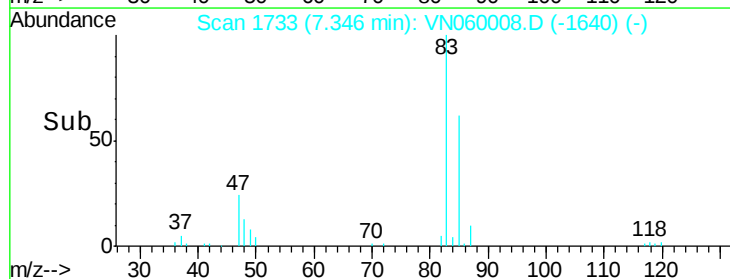
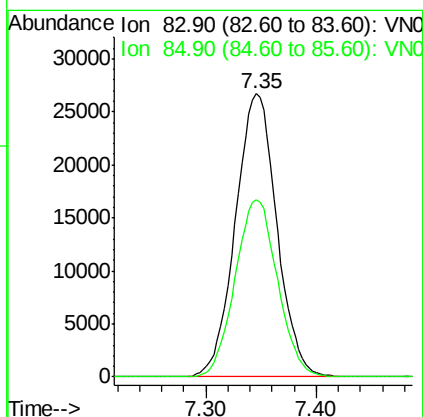
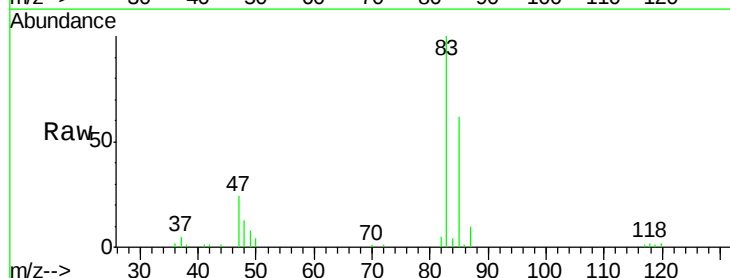
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

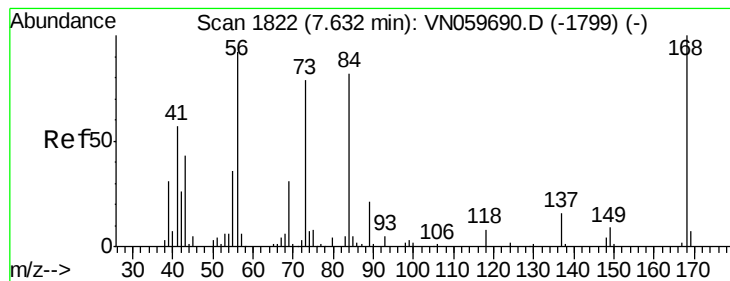
Tgt Ion: 42 Resp: 70828
Ion Ratio Lower Upper
42 100
72 47.9 33.1 49.7
71 45.6 31.4 47.0



#30
Chloroform
Concen: 21.46 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 83 Resp: 69323
Ion Ratio Lower Upper
83 100
85 62.4 52.4 78.6





#31

Cyclohexane

Concen: 18.37 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

VN0206WBS01

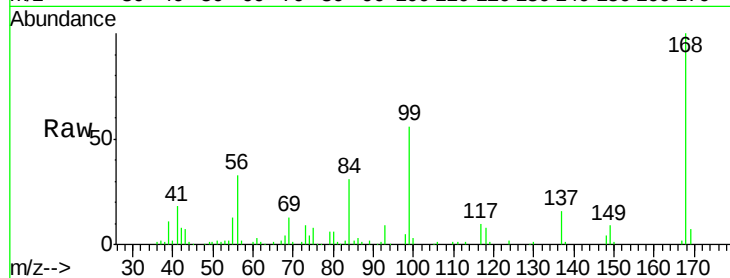
Tgt Ion: 56 Resp: 55113

Ion Ratio Lower Upper

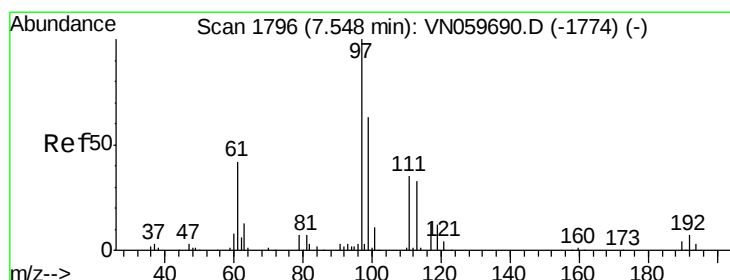
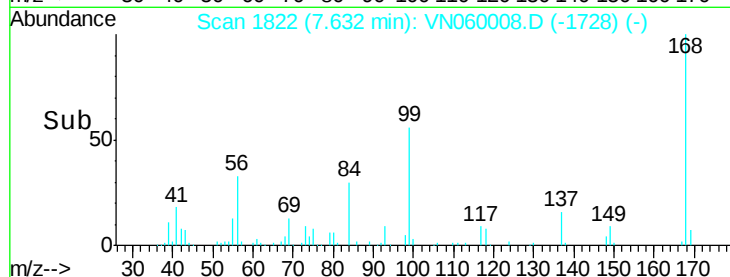
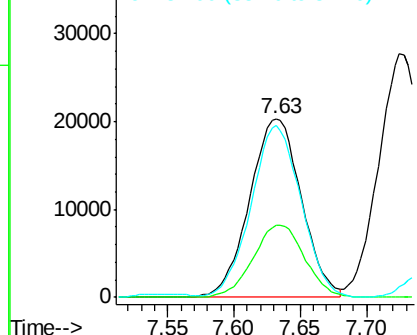
56 100

69 40.5 26.5 39.7#

84 94.9 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 20.80 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

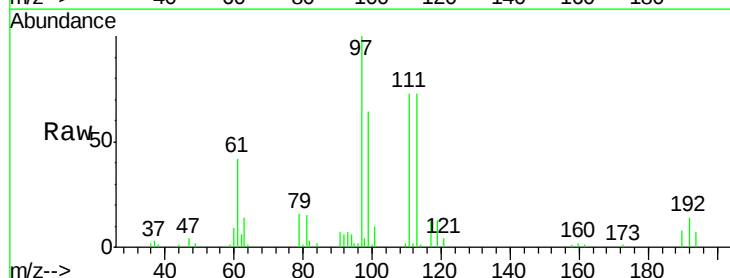
Tgt Ion: 97 Resp: 62134

Ion Ratio Lower Upper

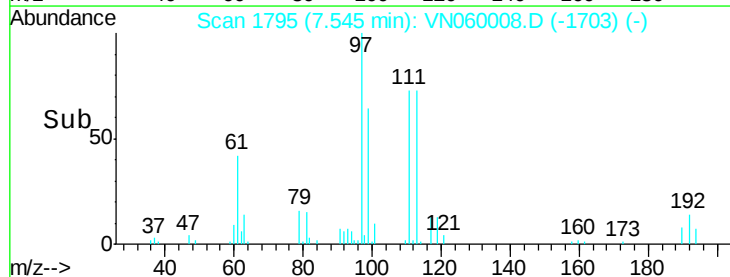
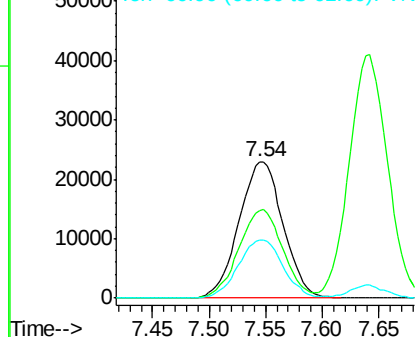
97 100

99 65.0 51.0 76.4

61 43.3 38.5 57.7



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

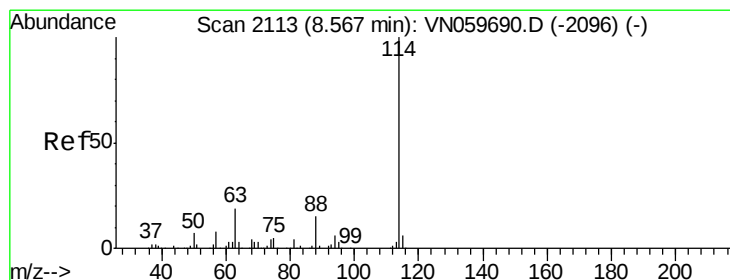
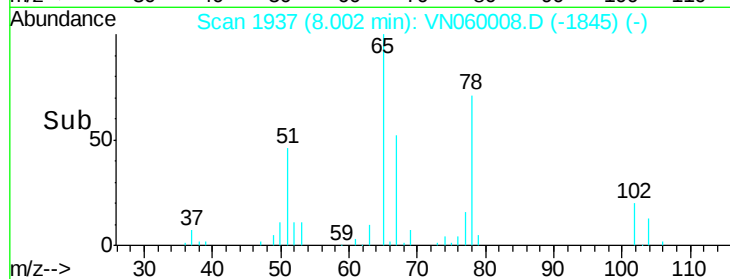
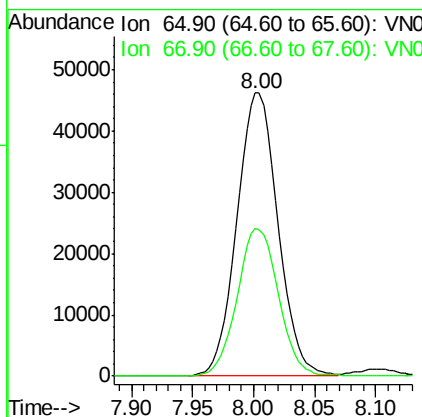
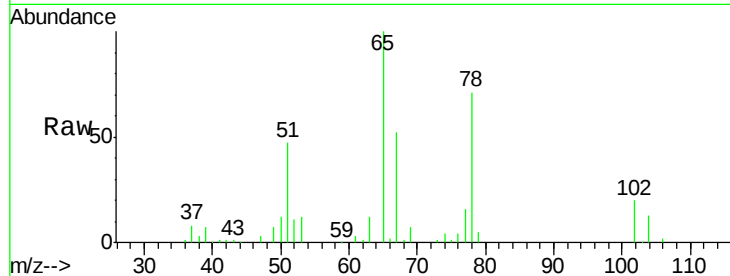




#33
 1,2-Dichloroethane-d4
 Concen: 53.05 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

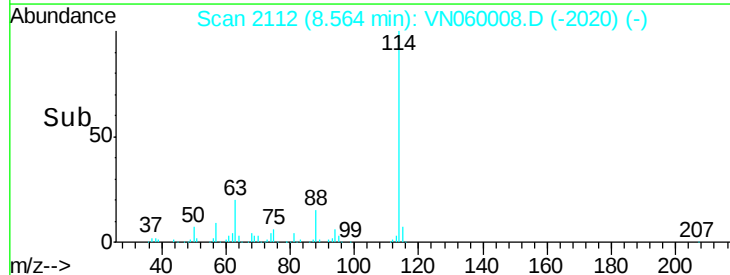
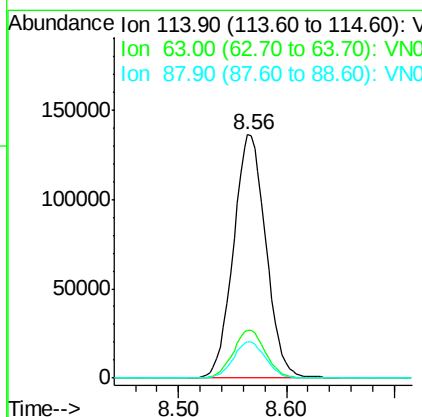
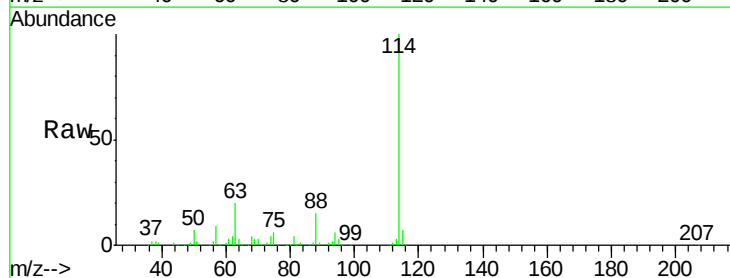
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

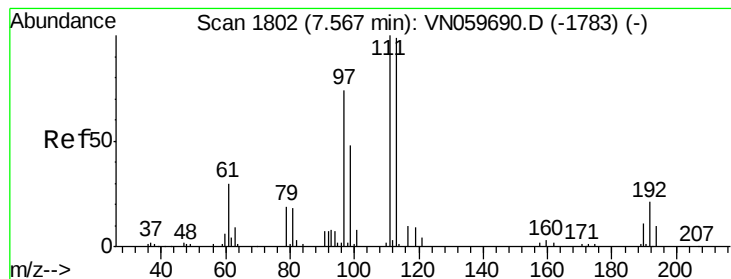
Tgt Ion: 65 Resp: 107589
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 114 Resp: 285325
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.6
 88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.68 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

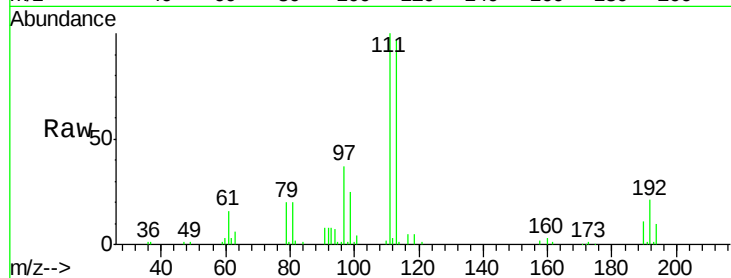
Tgt Ion:113 Resp: 89634

Ion Ratio Lower Upper

113 100

111 101.0 83.5 125.3

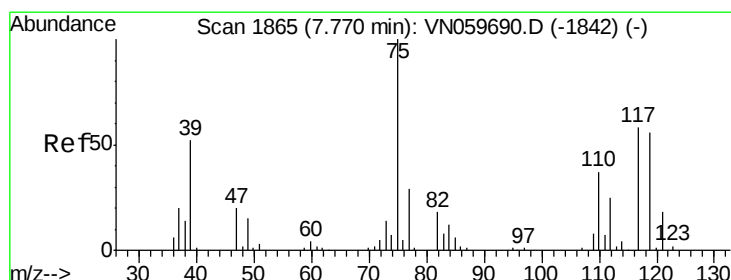
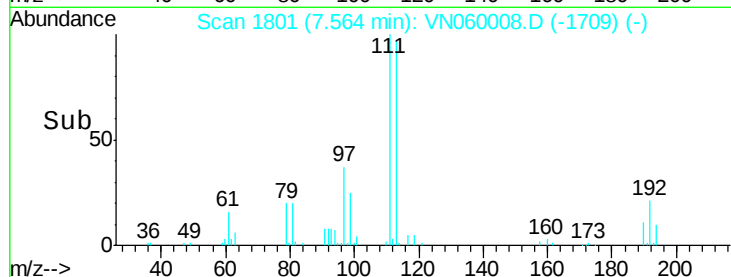
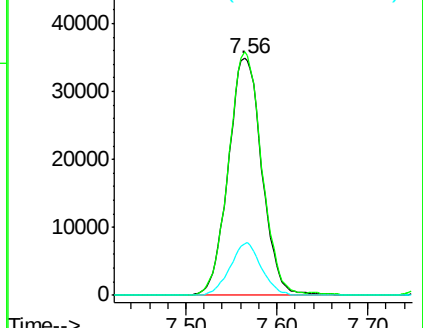
192 20.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.09 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

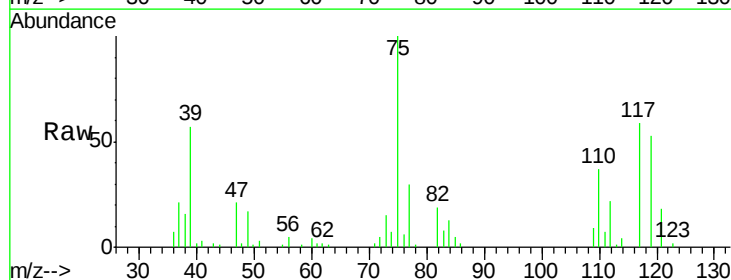
Tgt Ion: 75 Resp: 47437

Ion Ratio Lower Upper

75 100

110 37.2 16.6 49.7

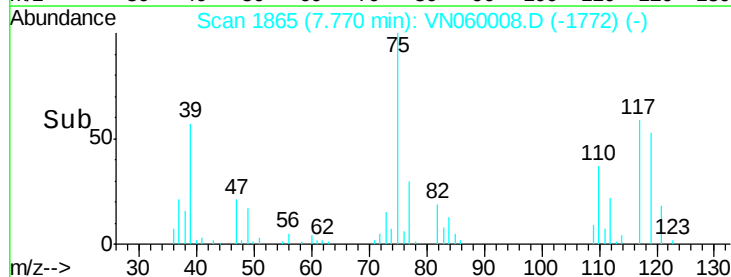
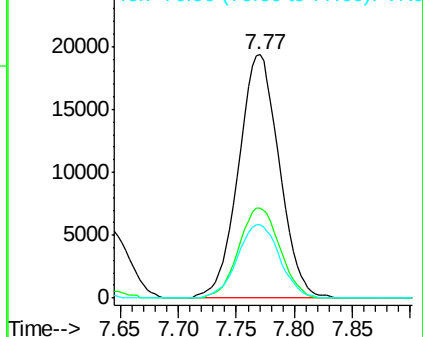
77 31.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

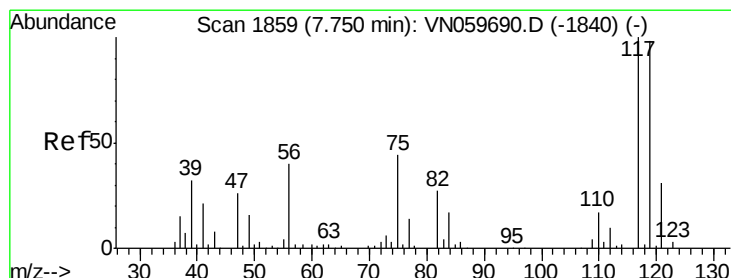
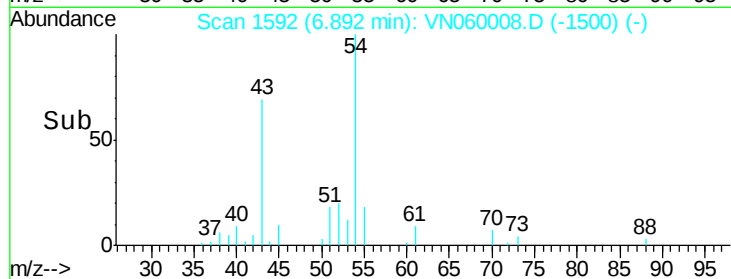
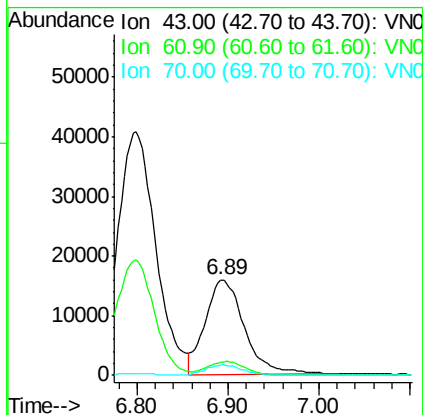
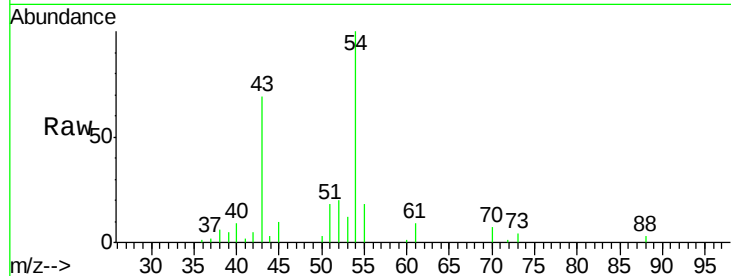




#37
 Ethyl Acetate
 Concen: 20.46 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

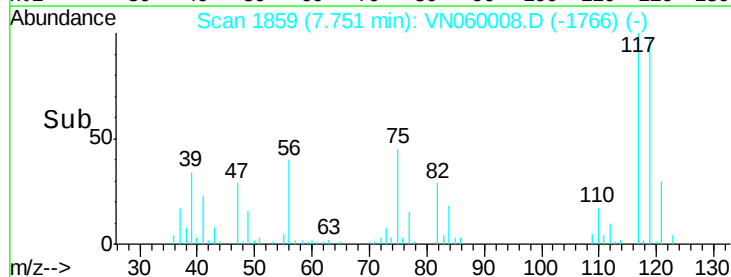
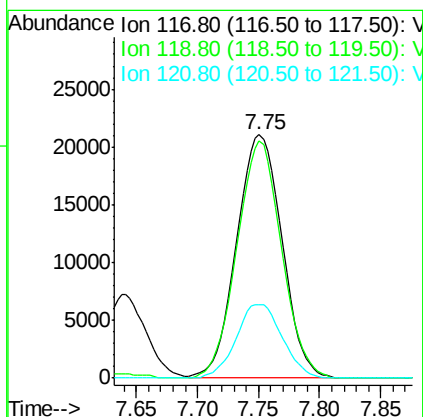
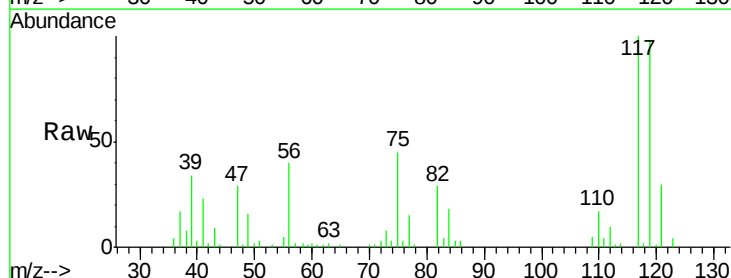
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Tgt Ion: 43 Resp: 47686
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.9 16.3
 70 9.9 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 20.15 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 117 Resp: 54467
 Ion Ratio Lower Upper
 117 100
 119 97.6 76.5 114.7
 121 30.3 25.1 37.7

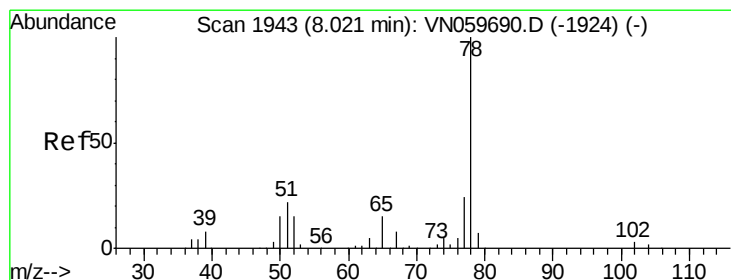
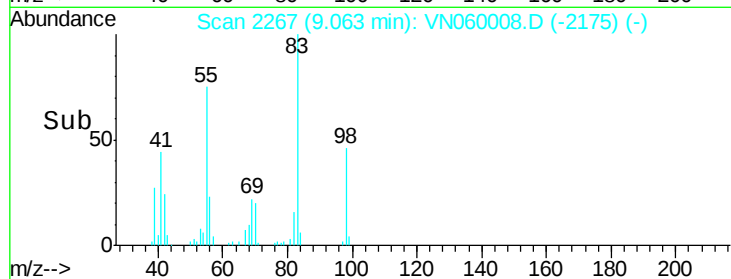
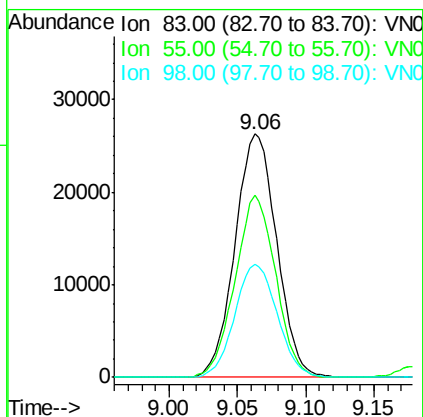
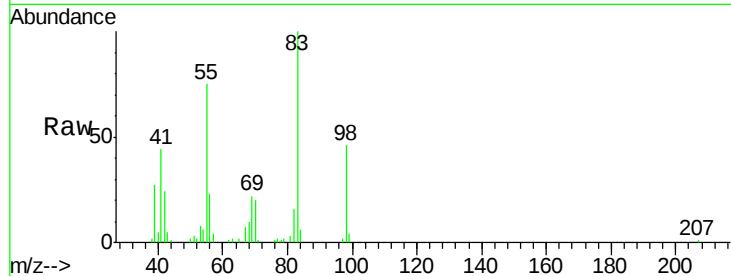




#39
Methylcyclohexane
Concen: 18.23 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

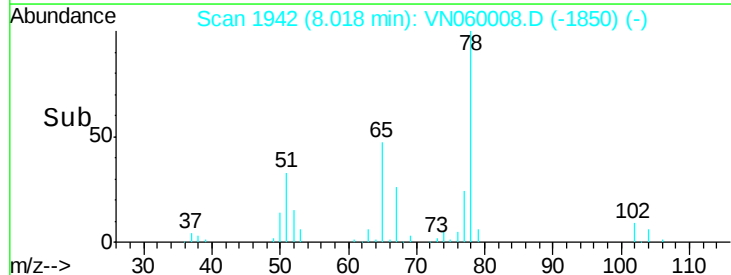
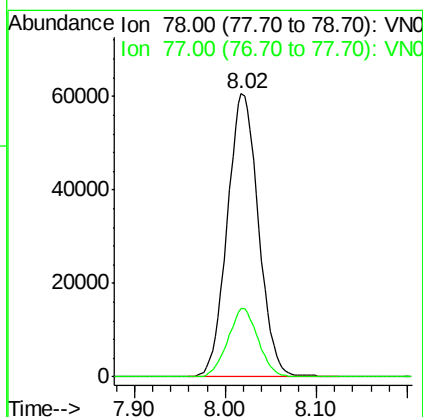
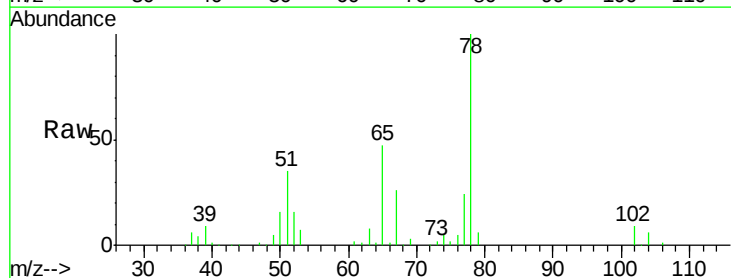
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

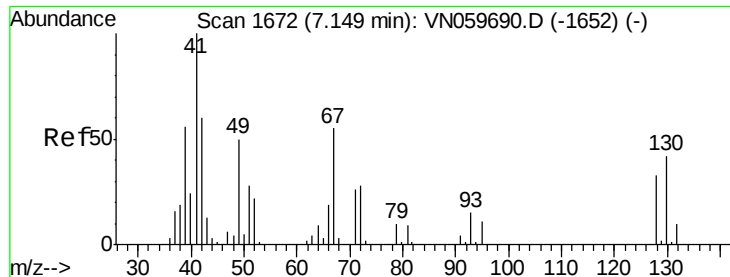
Tgt Ion: 83 Resp: 55855
Ion Ratio Lower Upper
83 100
55 74.9 64.2 96.2
98 46.2 35.9 53.9



#40
Benzene
Concen: 19.46 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 78 Resp: 144177
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

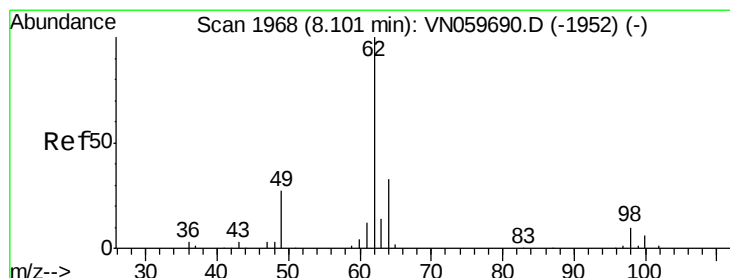
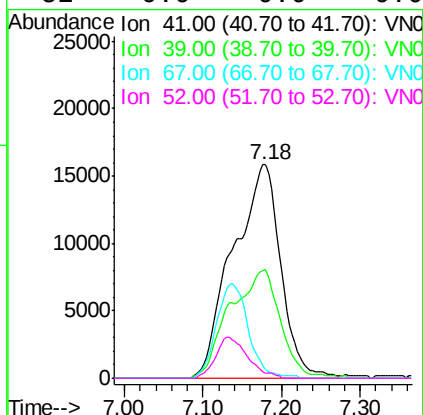
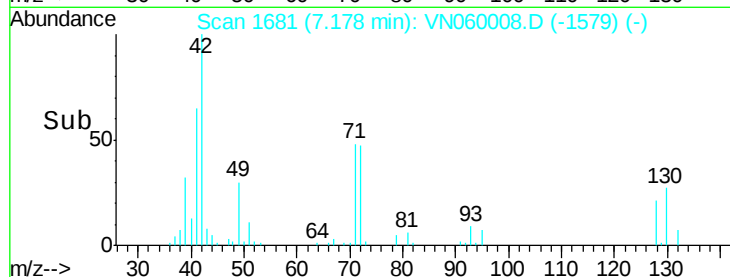
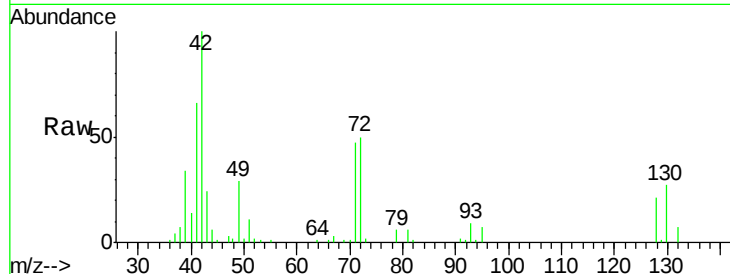




#41
Methacrylonitrile
Concen: 58.88 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

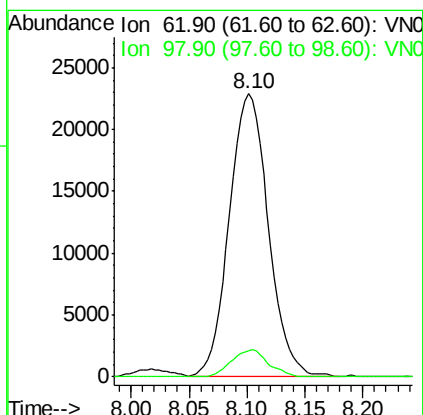
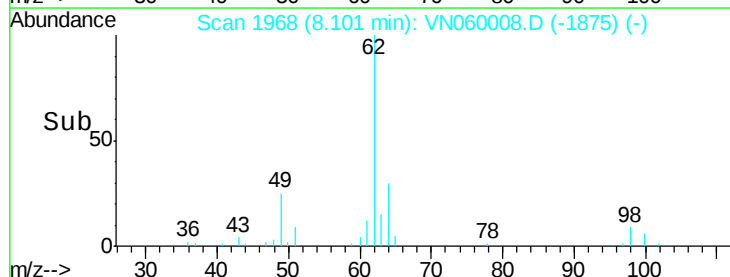
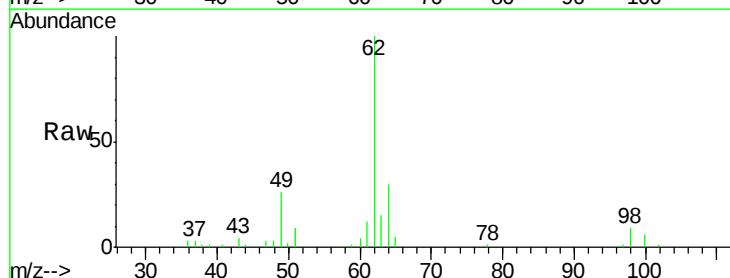
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

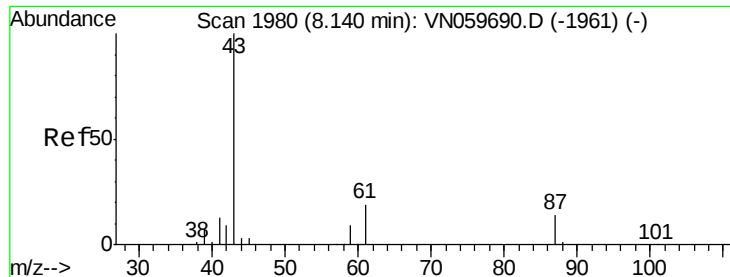
Tgt Ion:	41	Resp:	67591
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.46 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion:	62	Resp:	53911
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.19 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

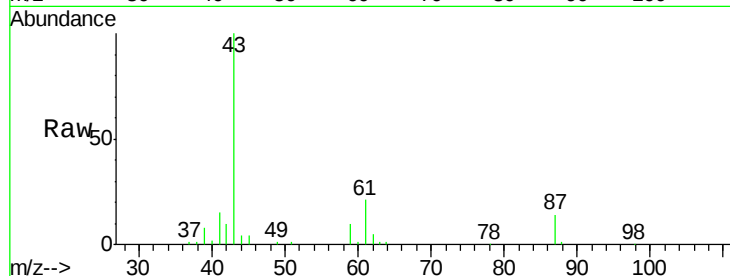
Tgt Ion: 43 Resp: 80916

Ion Ratio Lower Upper

43 100

61 27.0 20.2 30.2

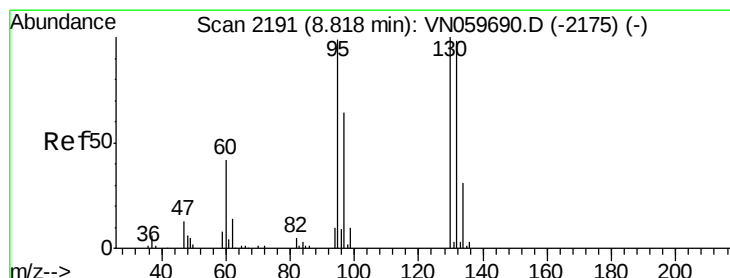
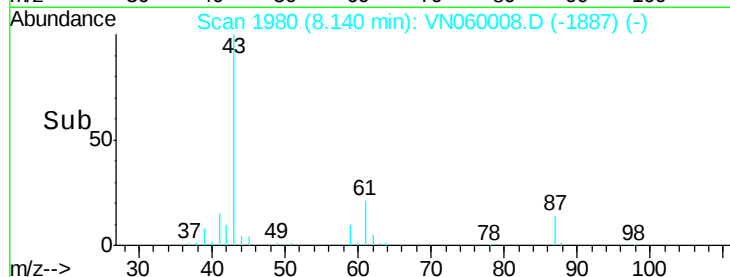
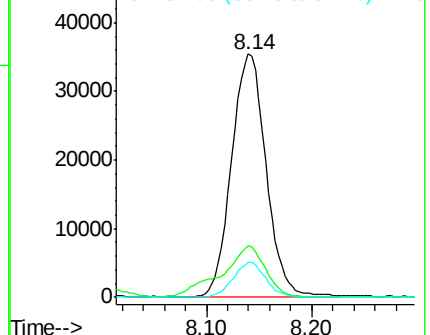
87 13.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.60 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060008.D

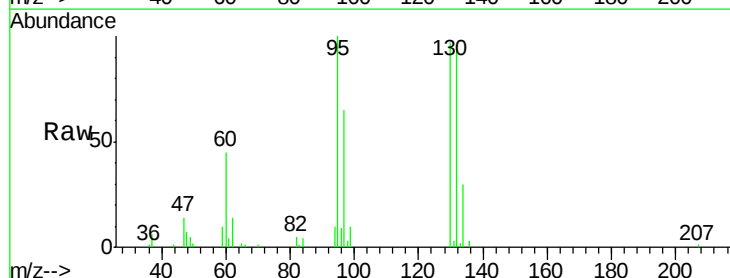
Acq: 6 Feb 2020 11:15

Tgt Ion: 130 Resp: 41670

Ion Ratio Lower Upper

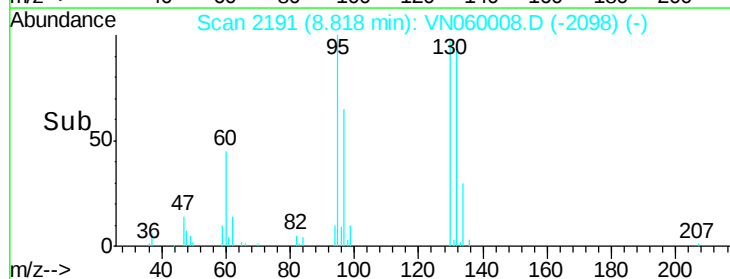
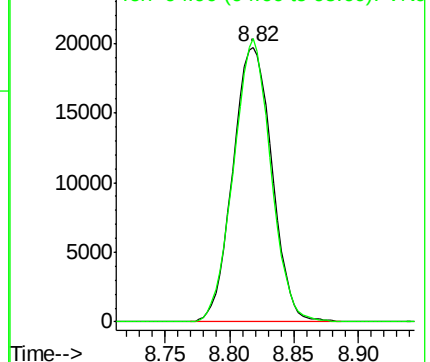
130 100

95 103.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

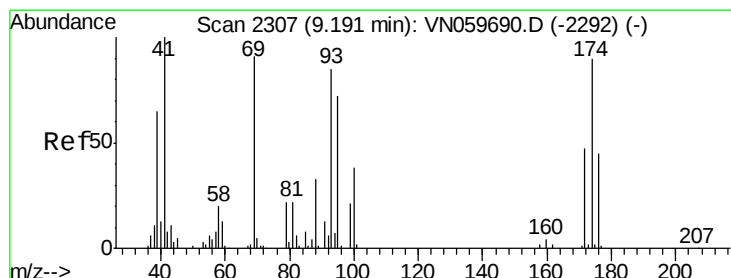
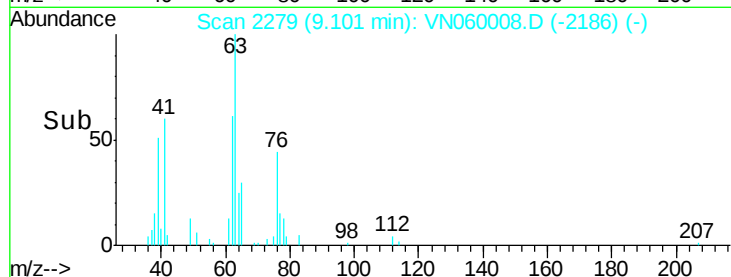
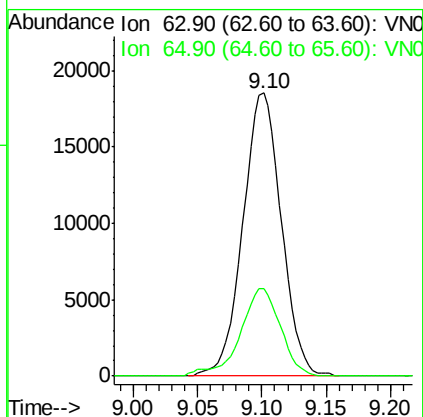
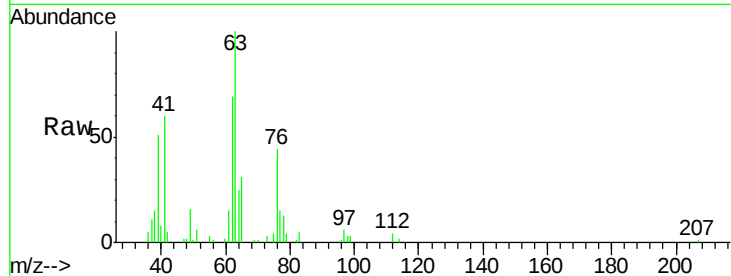




#45
 1,2-Dichloropropane
 Concen: 21.04 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

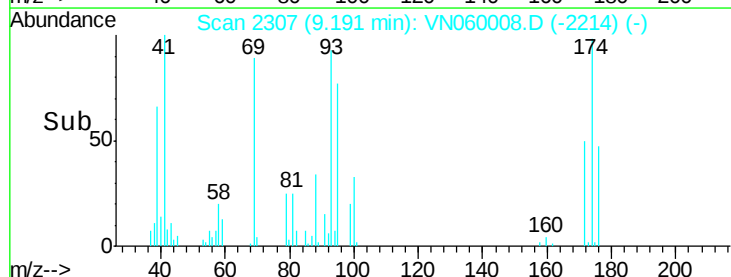
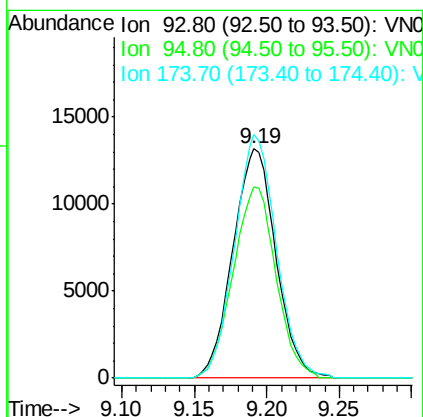
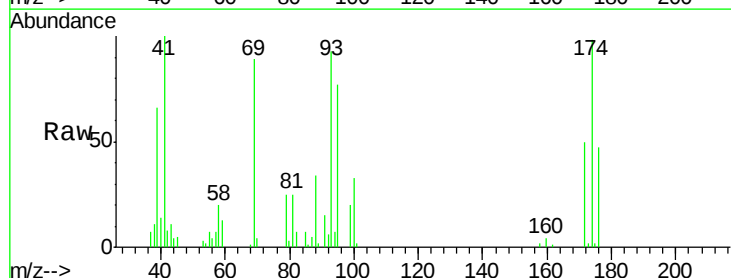
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

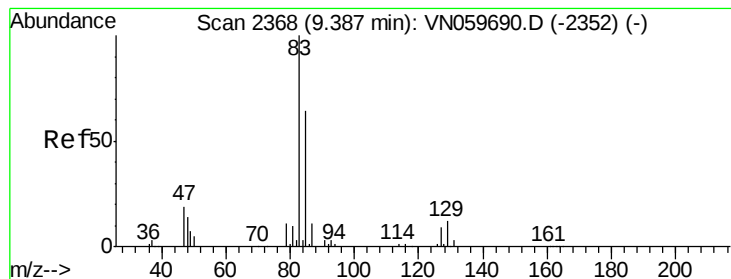
Tgt Ion: 63 Resp: 38579
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3



#46
 Dibromomethane
 Concen: 21.00 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 93 Resp: 27161
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.6
 174 103.2 73.4 110.2





#47

Bromodichloromethane

Concen: 21.23 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

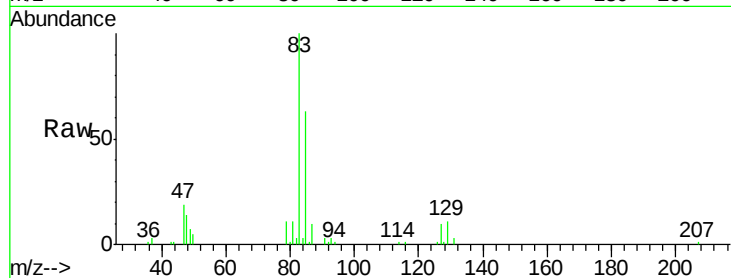
Tgt Ion: 83 Resp: 55344

Ion Ratio Lower Upper

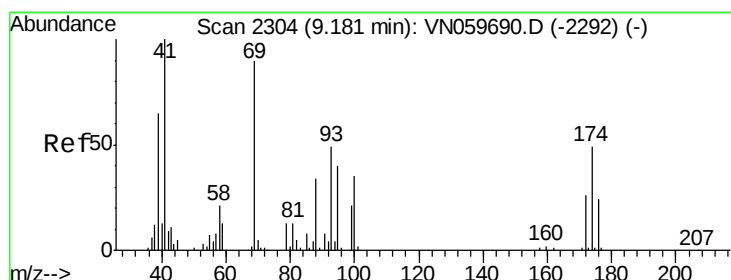
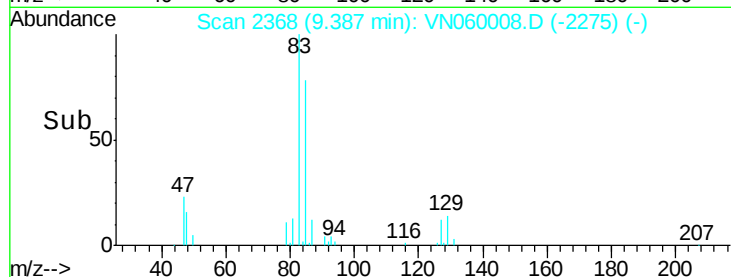
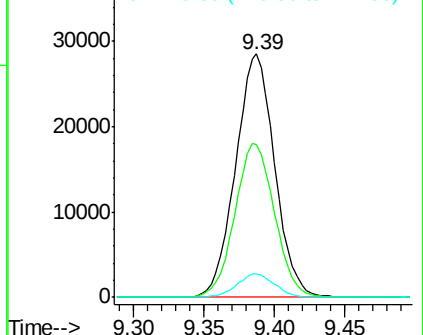
83 100

85 62.7 51.1 76.7

127 9.8 6.6 9.8



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): V



#48

Methyl methacrylate

Concen: 19.52 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

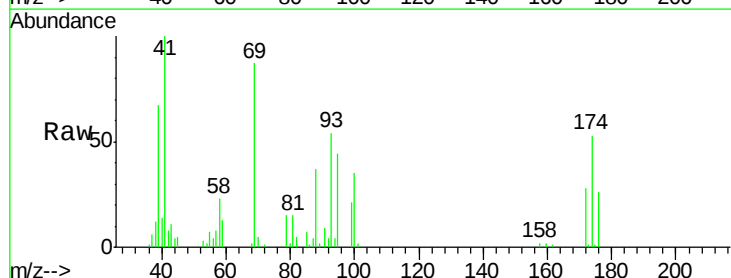
Tgt Ion: 41 Resp: 34991

Ion Ratio Lower Upper

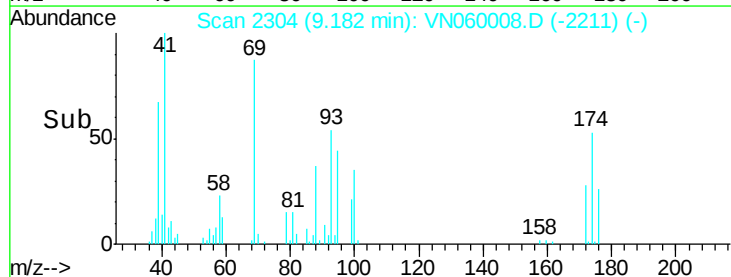
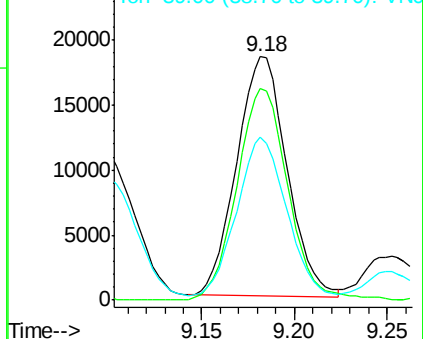
41 100

69 89.3 64.4 96.6

39 68.9 51.3 76.9



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

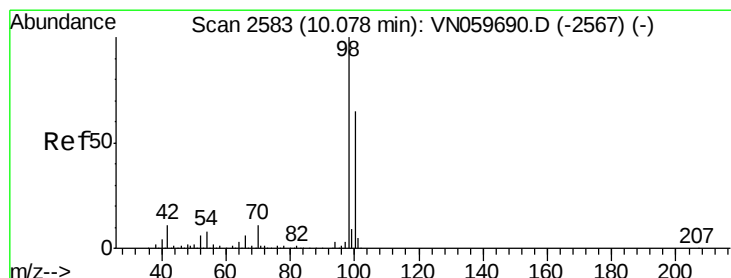
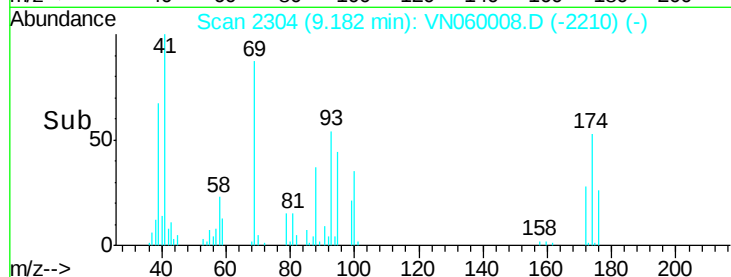
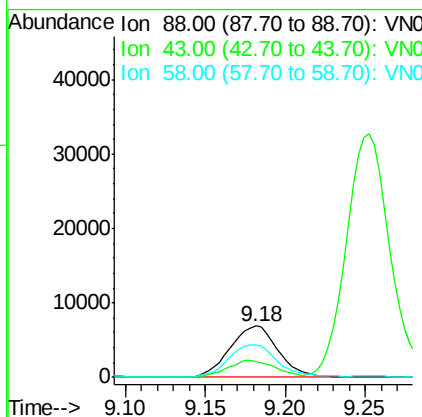
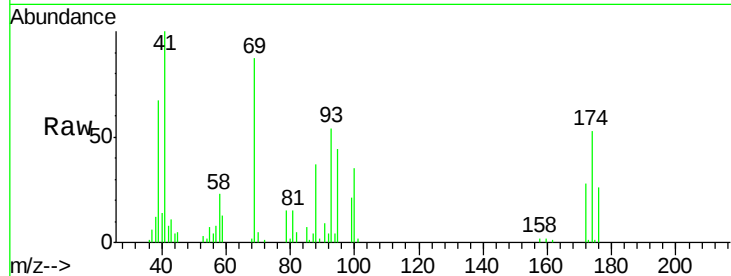




#49
1,4-Dioxane
Concen: 432.29 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

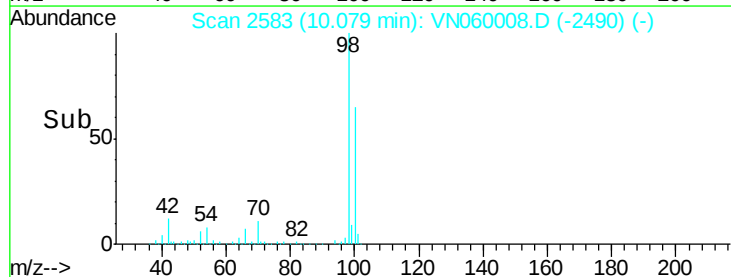
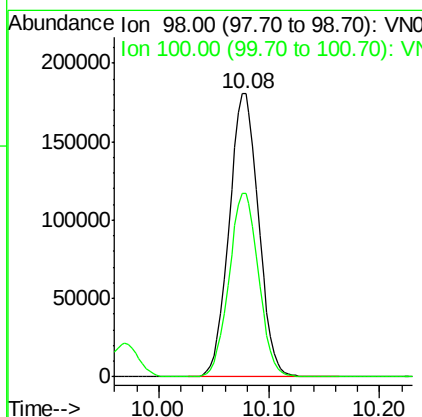
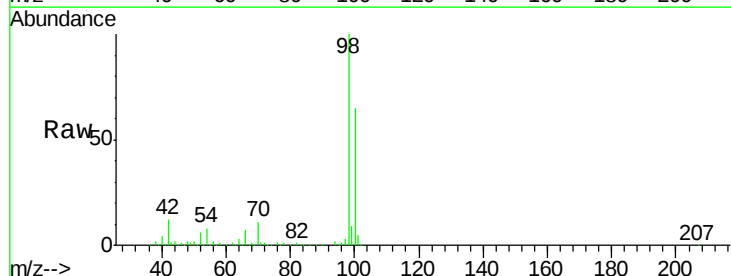
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

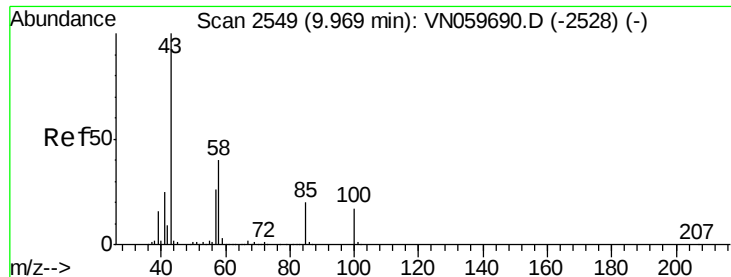
Tgt Ion: 88 Resp: 14189
Ion Ratio Lower Upper
88 100
43 32.8 29.7 44.5
58 64.2 56.6 85.0



#50
Toluene-d8
Concen: 50.67 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 98 Resp: 334070
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 102.27 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

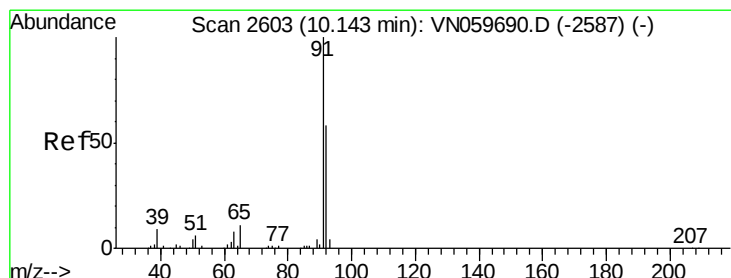
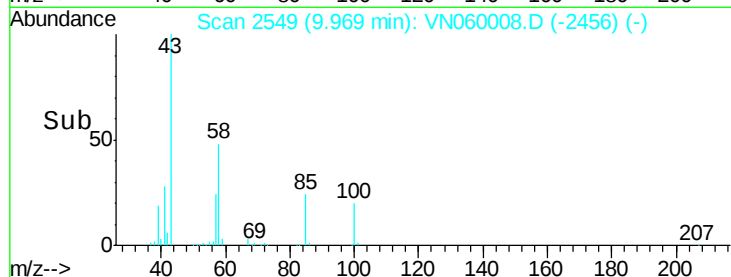
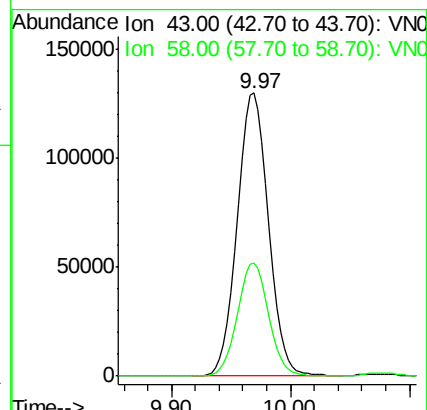
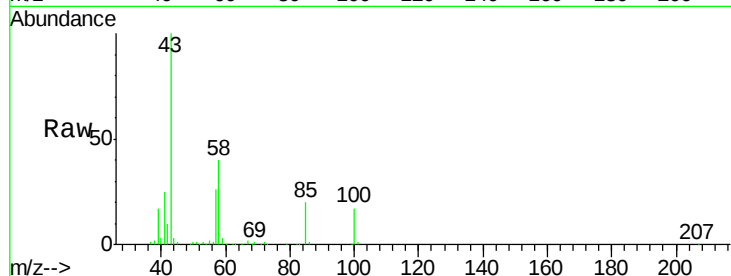
VN0206WBS01

Tgt Ion: 43 Resp: 236975

Ion Ratio Lower Upper

43 100

58 39.8 29.8 44.8



#52

Toluene

Concen: 20.42 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060008.D

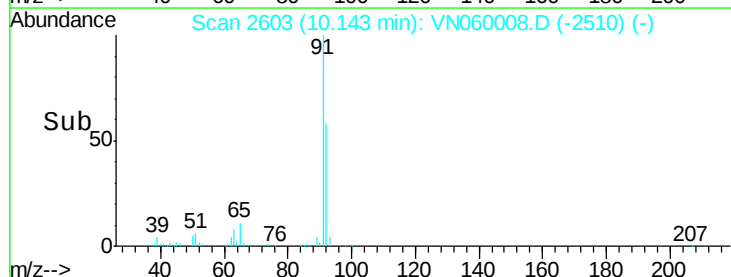
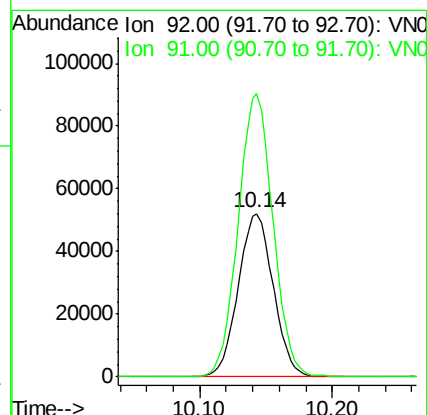
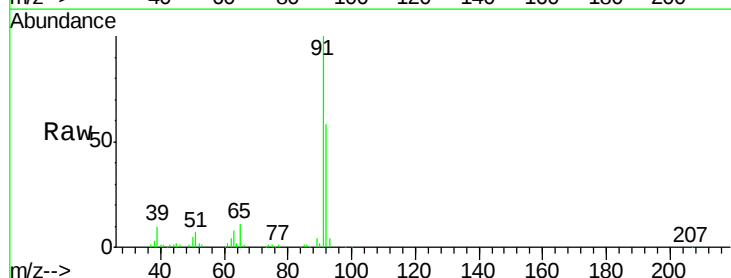
Acq: 6 Feb 2020 11:15

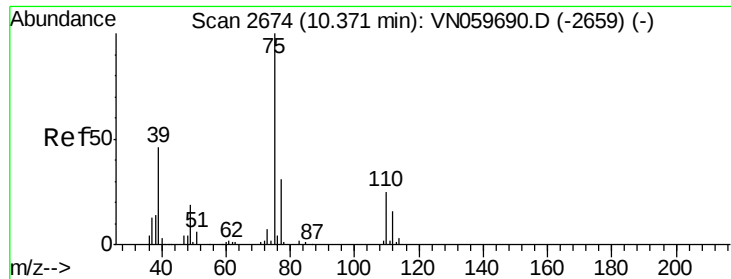
Tgt Ion: 92 Resp: 95558

Ion Ratio Lower Upper

92 100

91 172.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.03 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

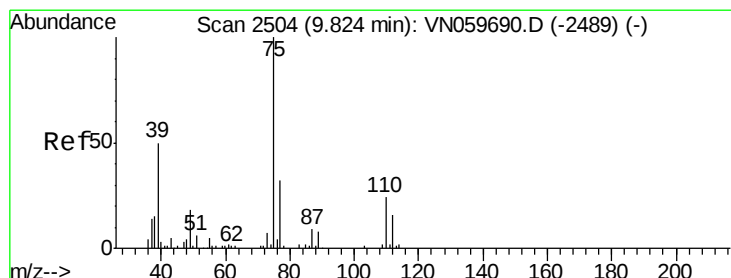
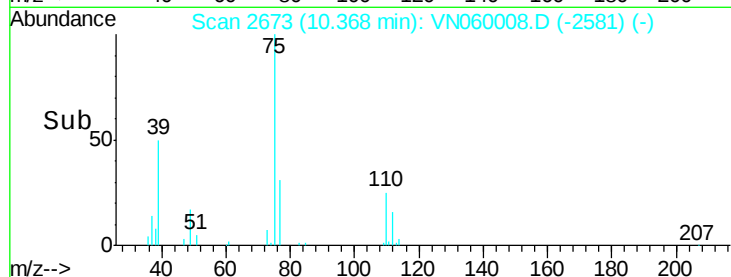
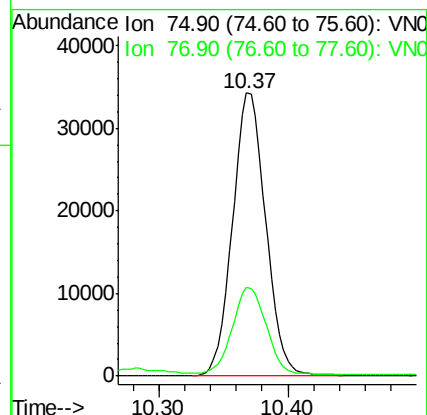
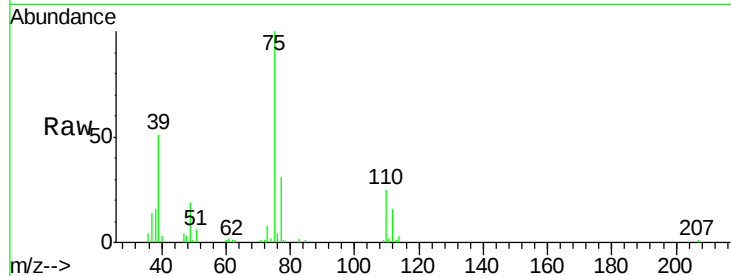
VN0206WBS01

Tgt Ion: 75 Resp: 61199

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.91 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

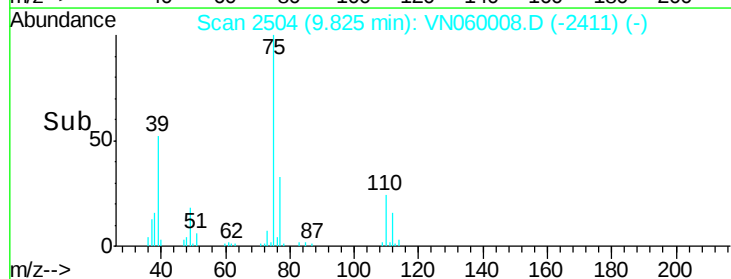
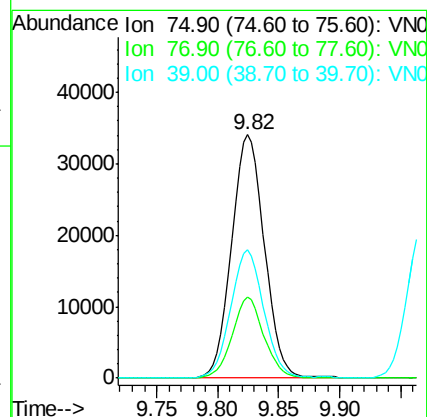
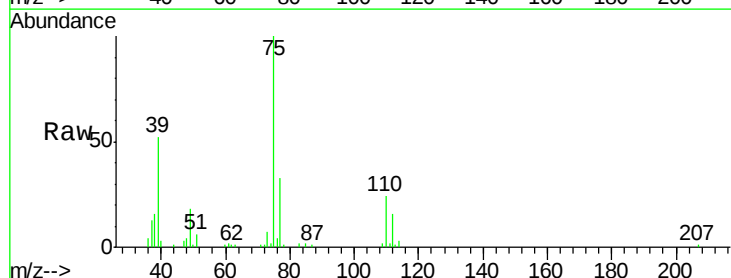
Tgt Ion: 75 Resp: 64021

Ion Ratio Lower Upper

75 100

77 33.4 25.1 37.7

39 52.5 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.91 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

Tgt Ion: 97 Resp: 38757

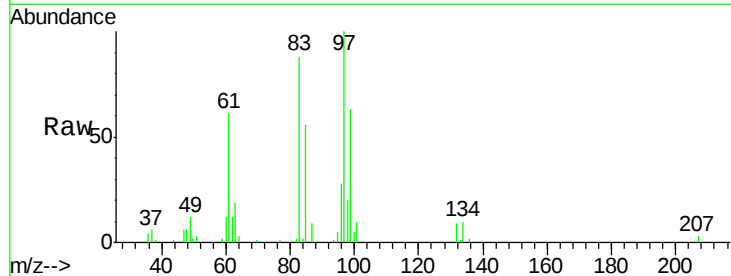
Ion Ratio Lower Upper

97 100

83 87.8 71.3 106.9

85 56.3 45.8 68.8

99 62.8 50.0 75.0

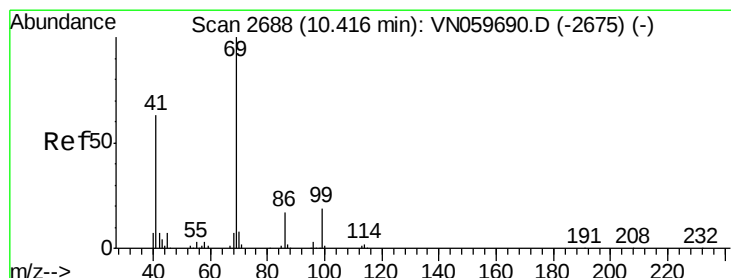
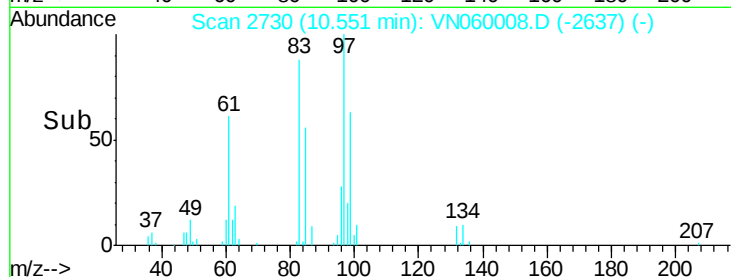
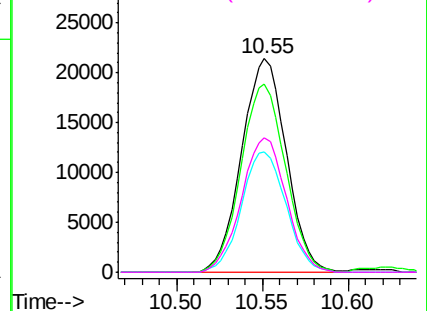


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.46 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

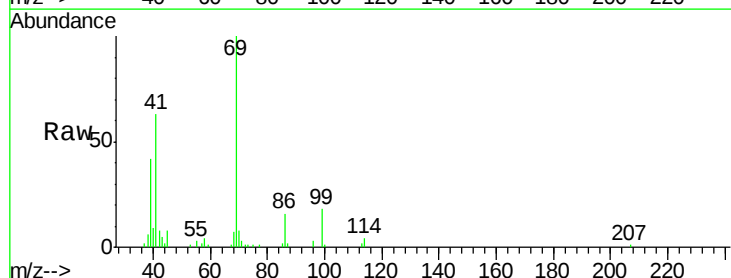
Tgt Ion: 69 Resp: 55128

Ion Ratio Lower Upper

69 100

41 64.6 57.1 85.7

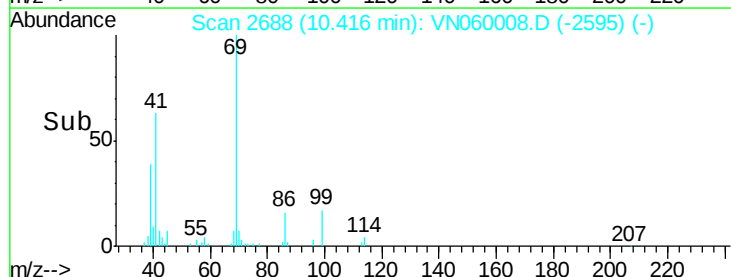
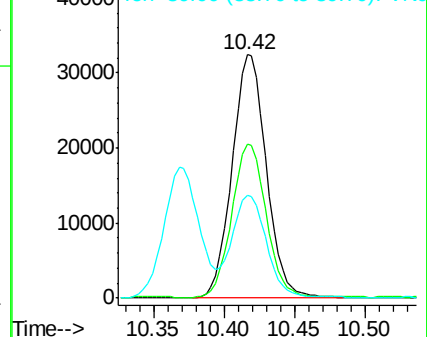
39 44.0 34.7 52.1

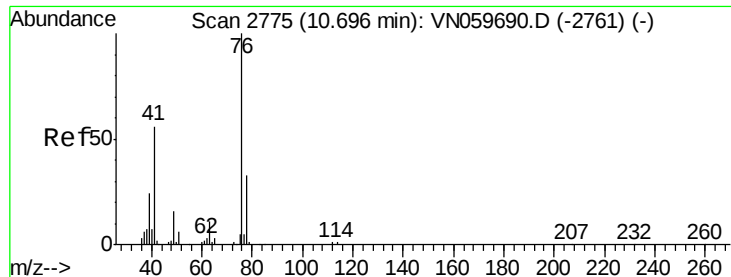


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.58 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

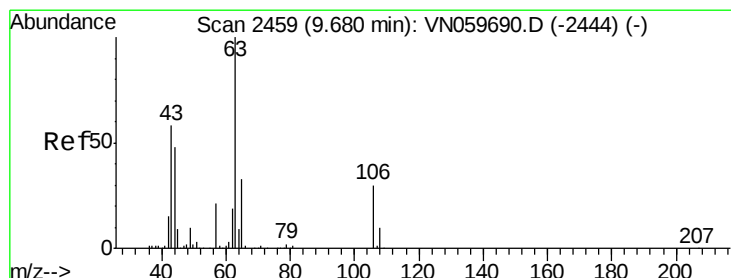
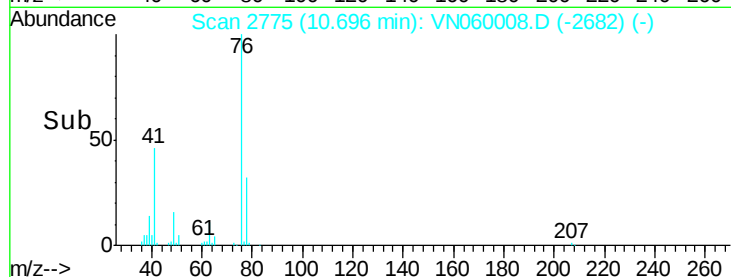
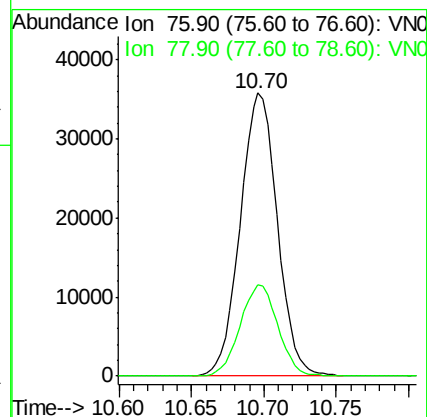
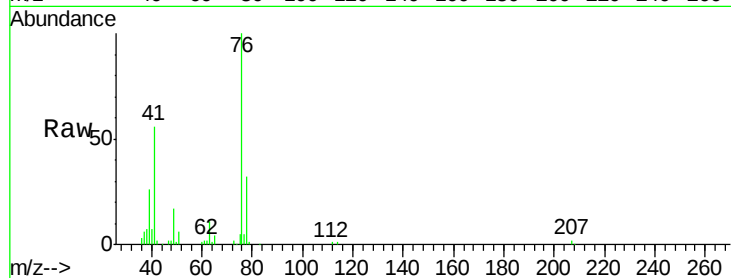
VN0206WBS01

Tgt Ion: 76 Resp: 63517

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.06 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060008.D

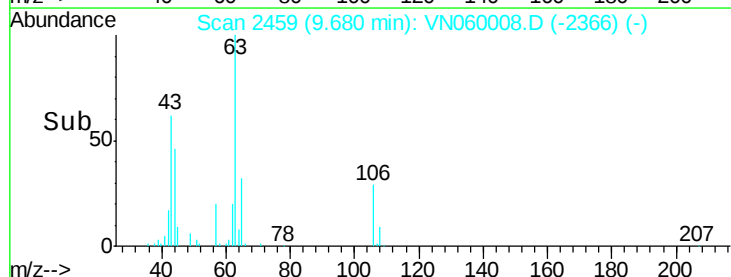
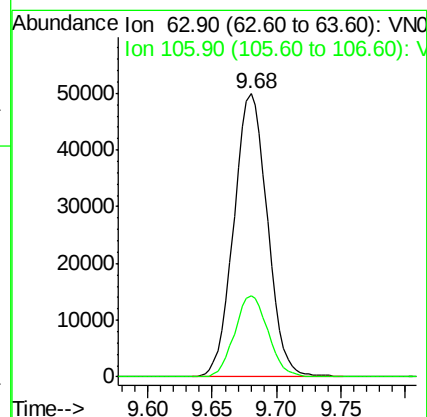
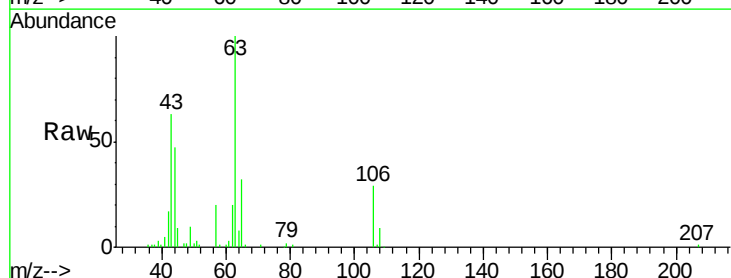
Acq: 6 Feb 2020 11:15

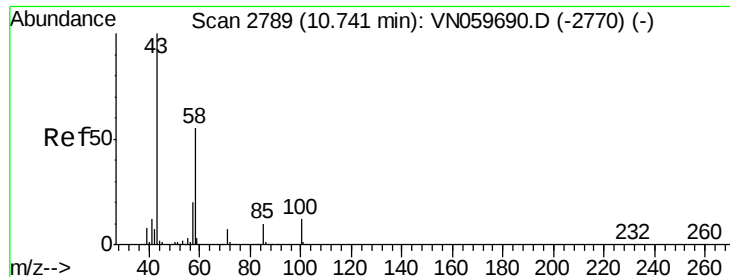
Tgt Ion: 63 Resp: 90488

Ion Ratio Lower Upper

63 100

106 28.4 20.2 30.2

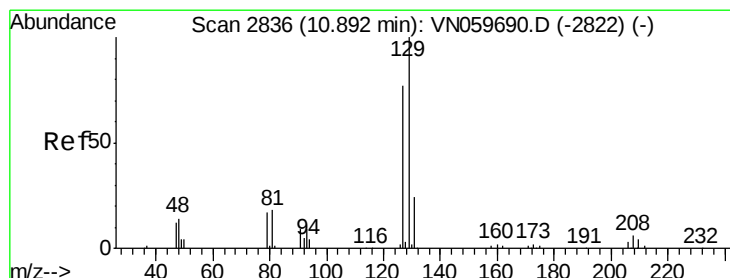
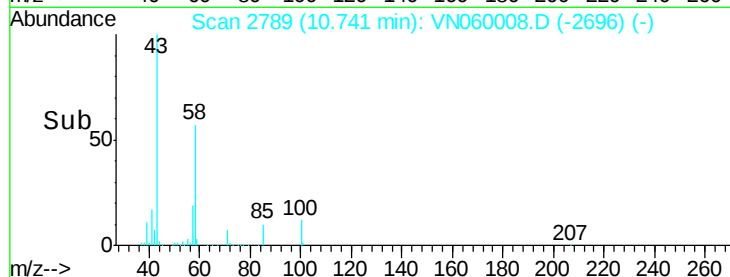
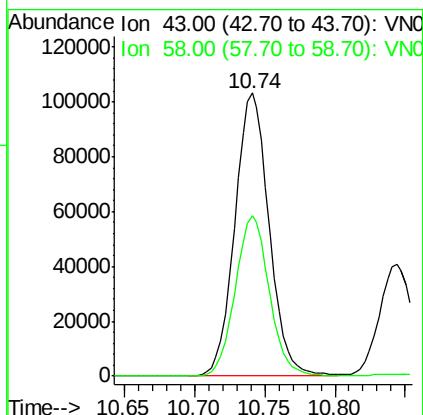
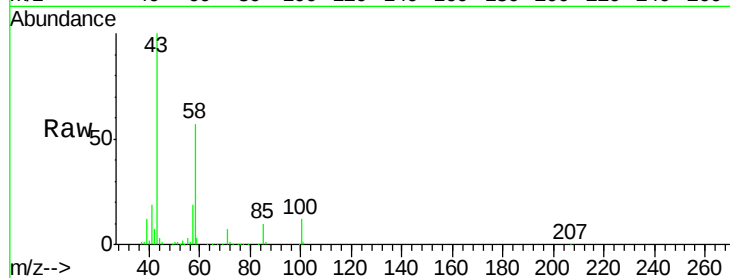




#59
2-Hexanone
Concen: 102.92 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

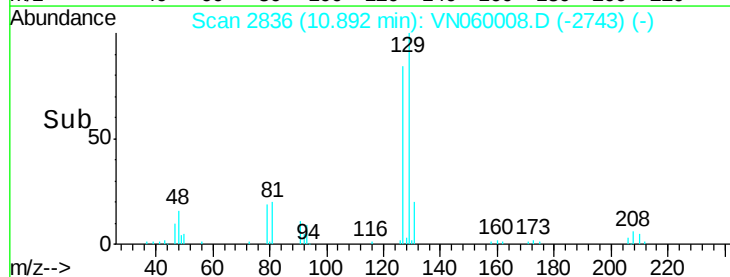
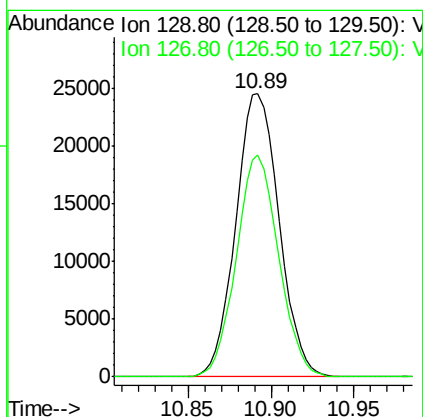
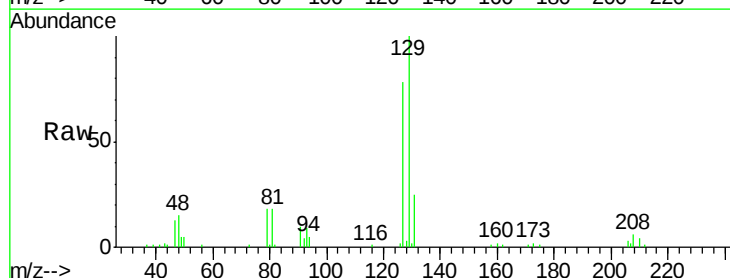
Instrument :
MSVOA_N
ClientSampled :
VN0206WBS01

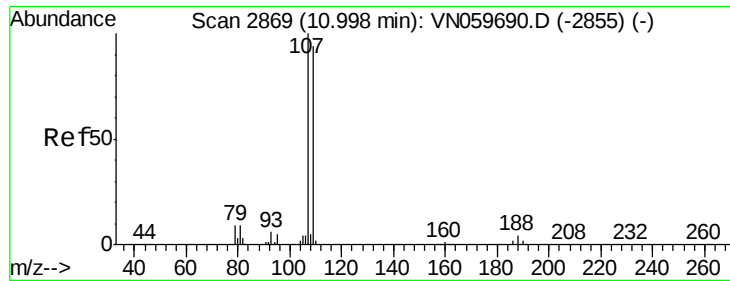
Tgt Ion: 43 Resp: 175695
Ion Ratio Lower Upper
43 100
58 56.3 25.8 77.3



#60
Dibromochloromethane
Concen: 21.19 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 129 Resp: 44731
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

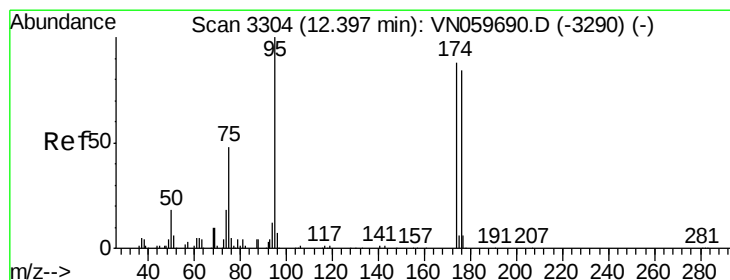
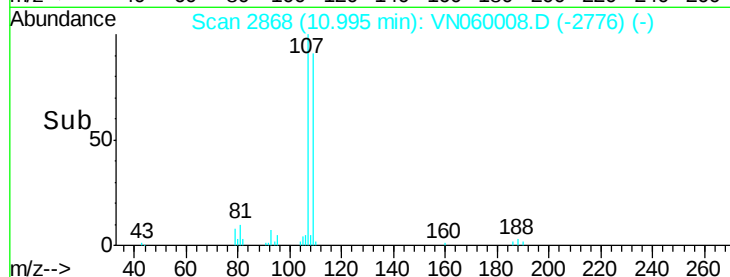
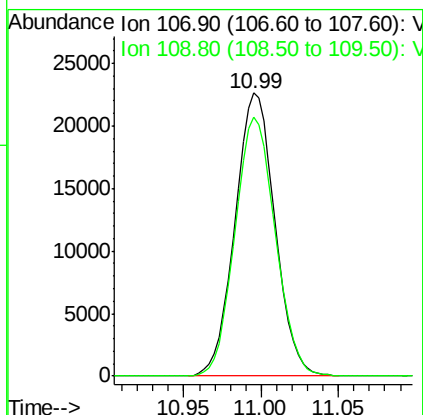
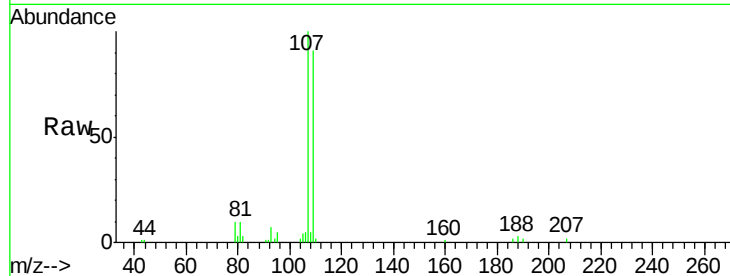




#61
 1,2-Dibromoethane
 Concen: 20.89 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

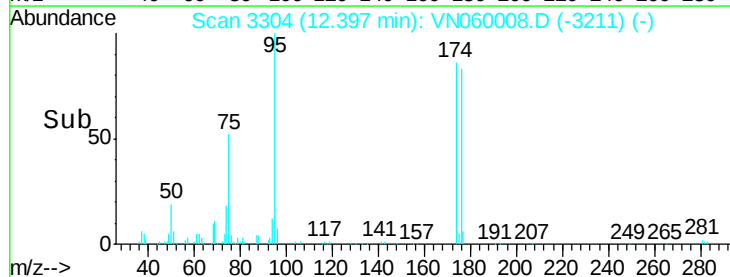
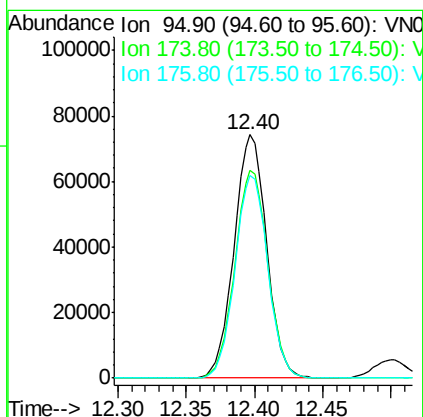
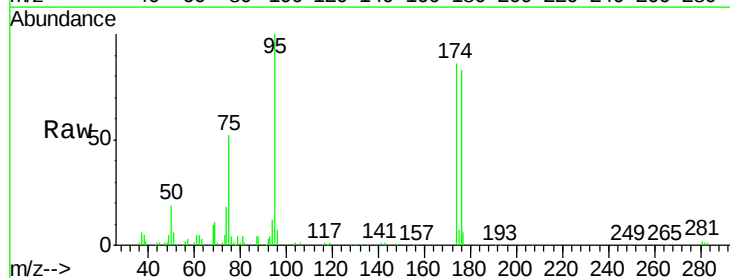
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

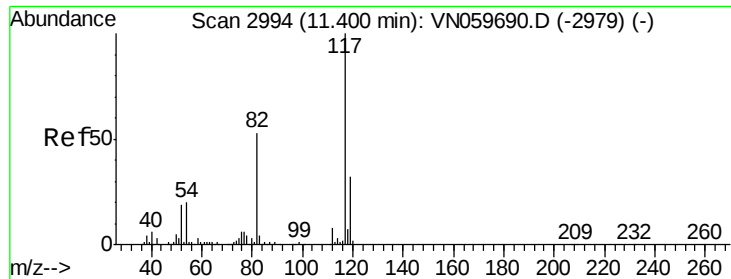
Tgt Ion: 107 Resp: 40586
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.72 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 95 Resp: 122912
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 151.4
 176 83.6 0.0 146.0

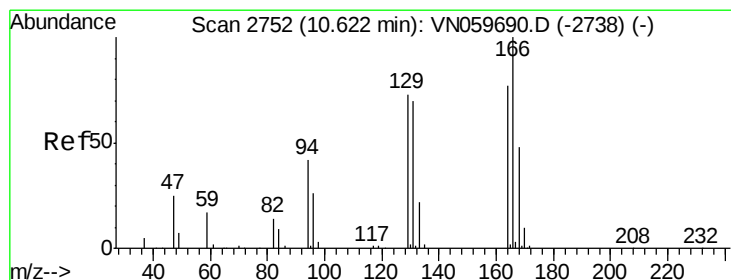
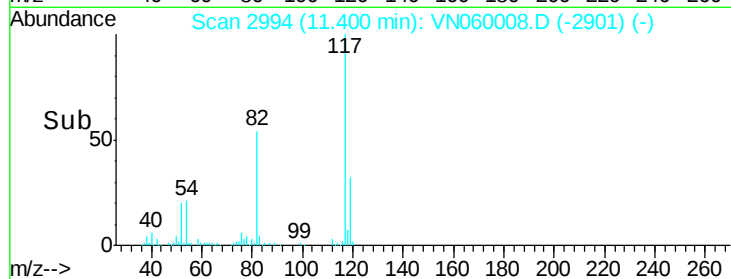
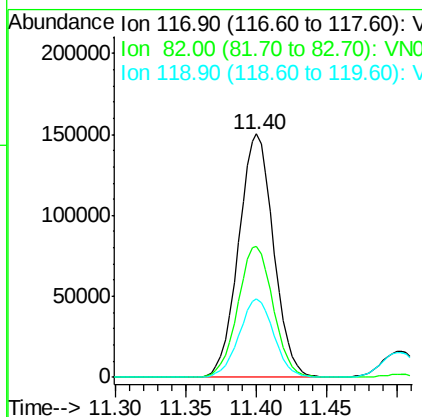
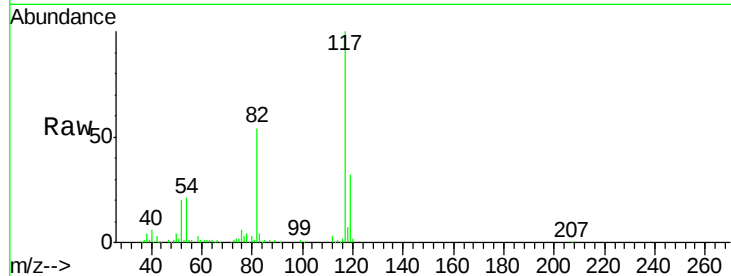




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

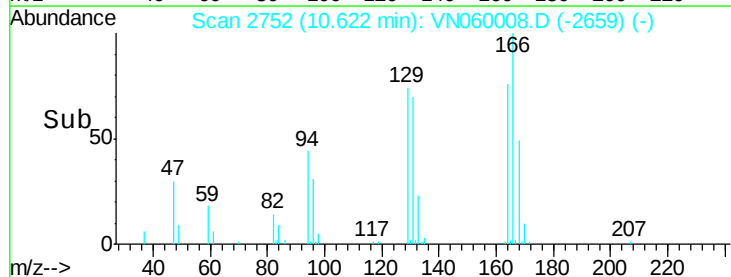
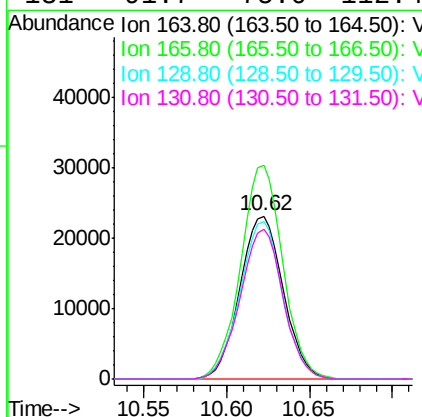
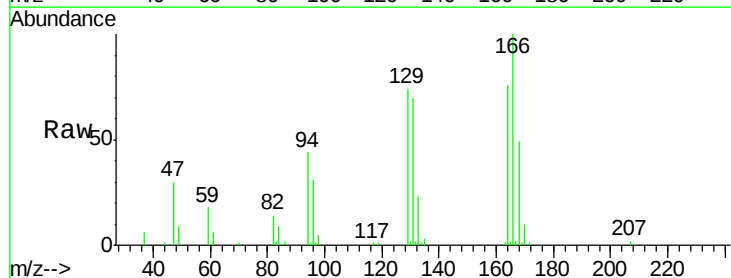
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

Tgt Ion:117 Resp: 260485
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 19.85 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion:164 Resp: 42148
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 97.1 80.2 120.4
131 91.7 75.0 112.4

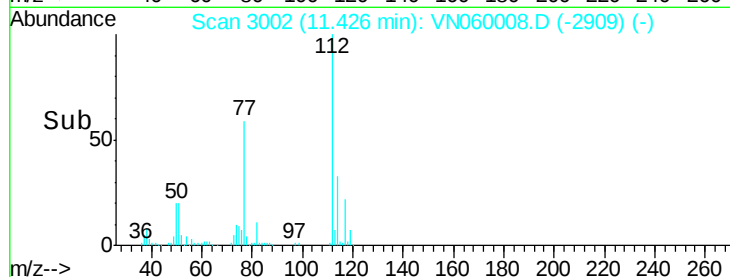
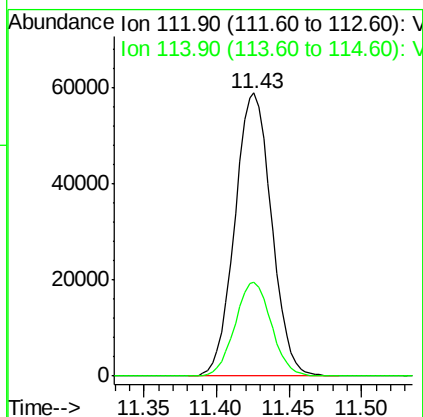
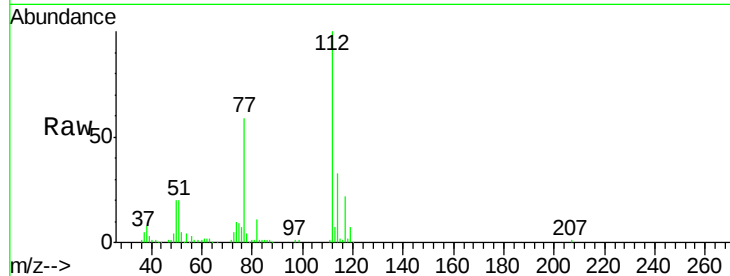




#65
Chlorobenzene
Concen: 20.24 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

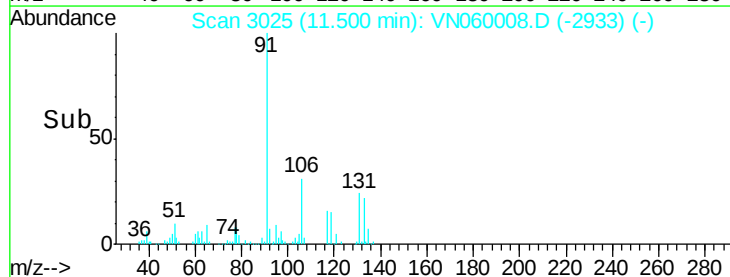
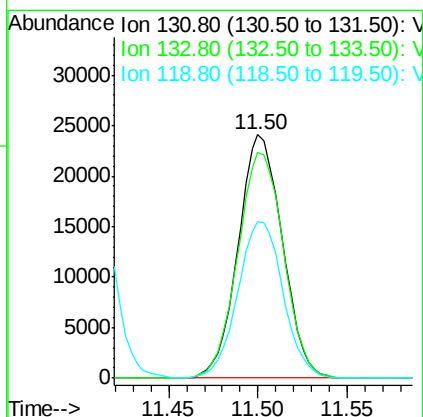
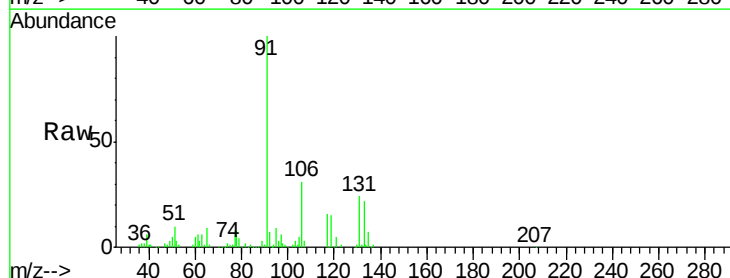
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

Tgt Ion:112 Resp: 103611
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.01 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion:131 Resp: 41562
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 65.9 33.1 99.3





#67

Ethyl Benzene

Concen: 20.01 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

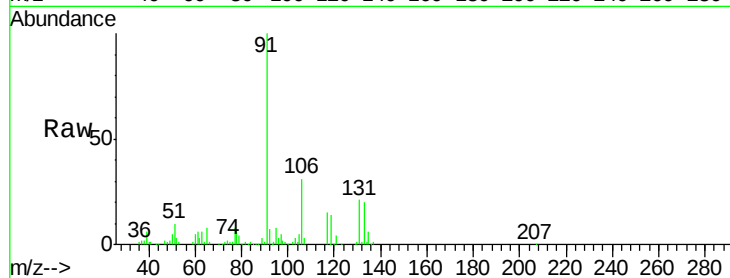
VN0206WBS01

Tgt Ion: 91 Resp: 185986

Ion Ratio Lower Upper

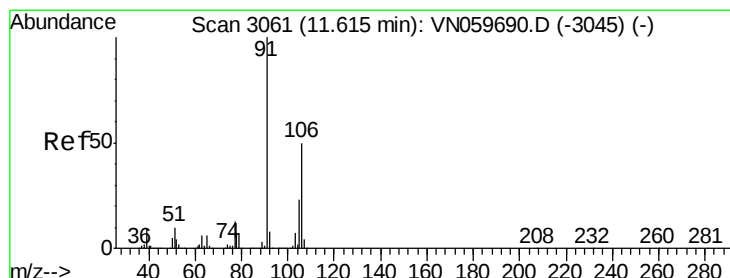
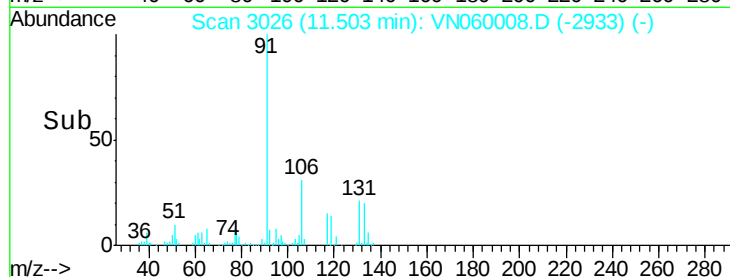
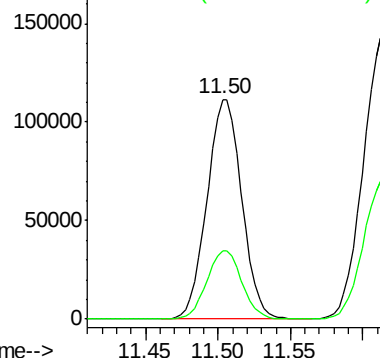
91 100

106 31.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.70 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060008.D

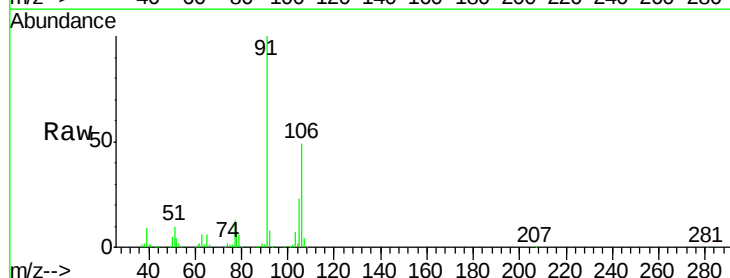
Acq: 6 Feb 2020 11:15

Tgt Ion: 106 Resp: 139388

Ion Ratio Lower Upper

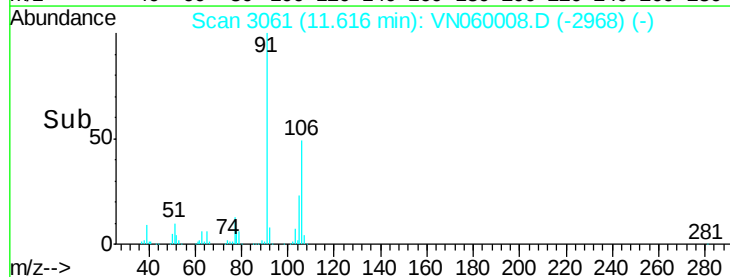
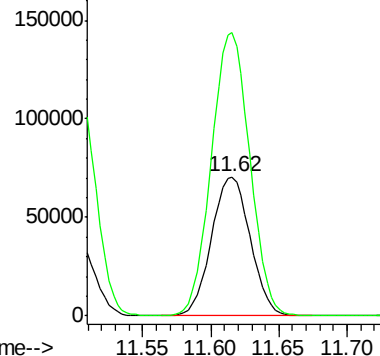
106 100

91 201.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

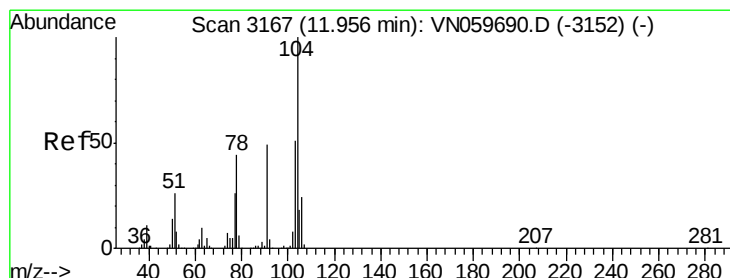
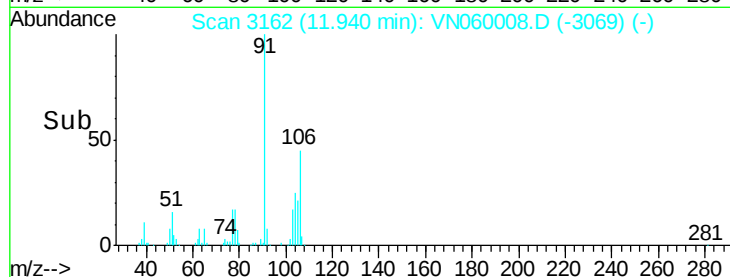
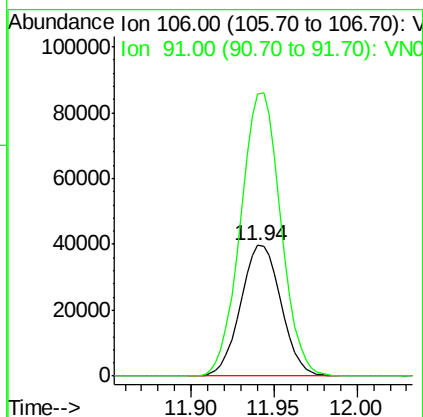
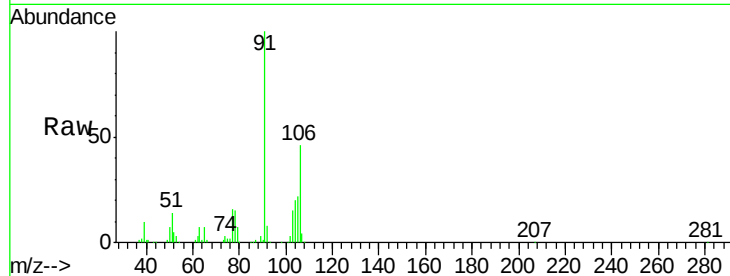




#69
o-Xylene
Concen: 19.69 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

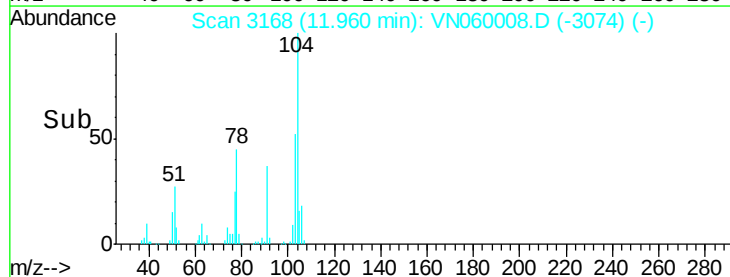
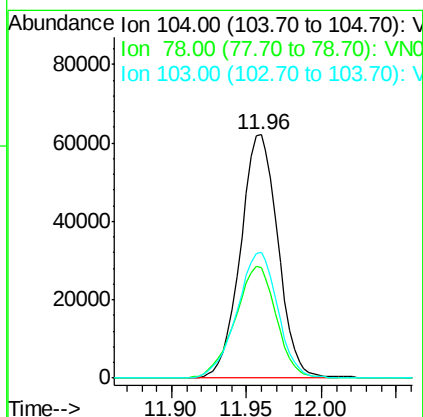
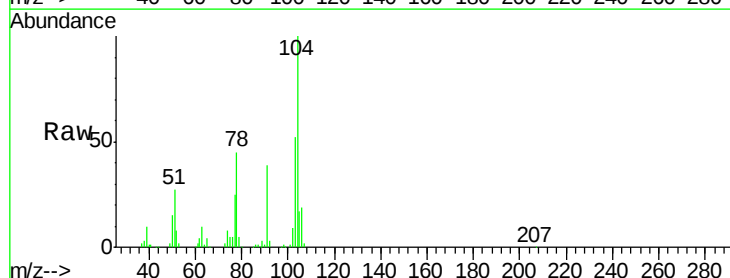
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

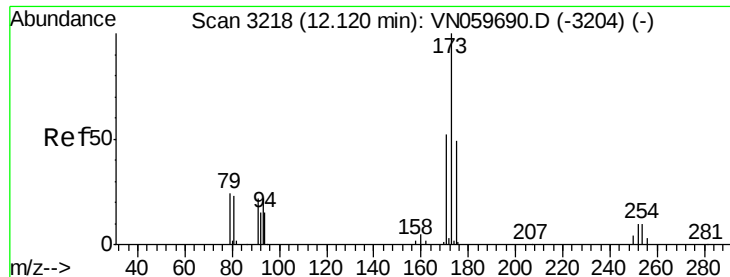
Tgt Ion:106 Resp: 67663
Ion Ratio Lower Upper
106 100
91 214.6 110.3 330.9



#70
Styrene
Concen: 18.81 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion:104 Resp: 108172
Ion Ratio Lower Upper
104 100
78 50.4 42.4 63.6
103 56.4 43.9 65.9

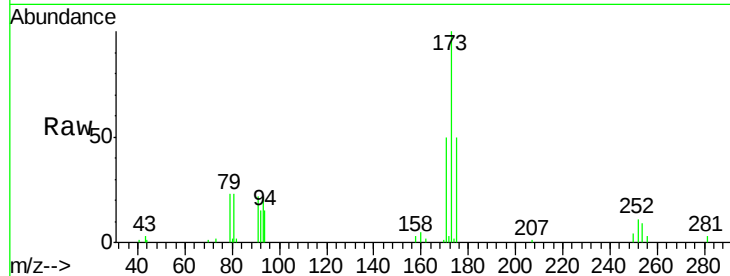




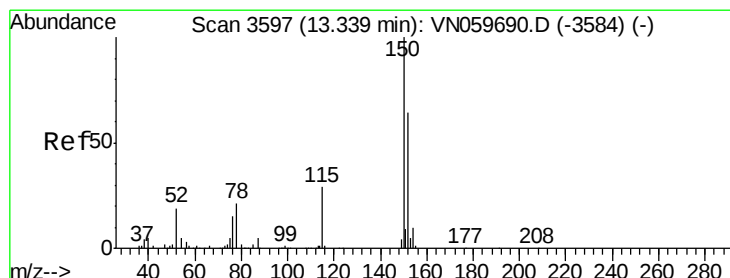
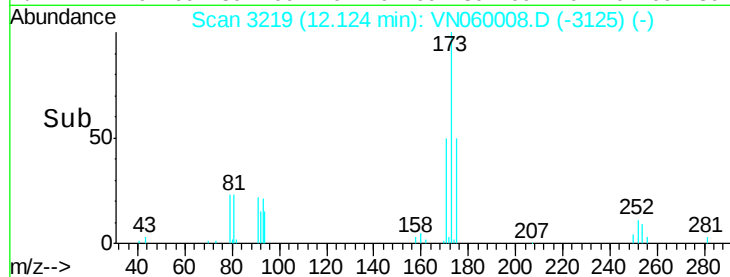
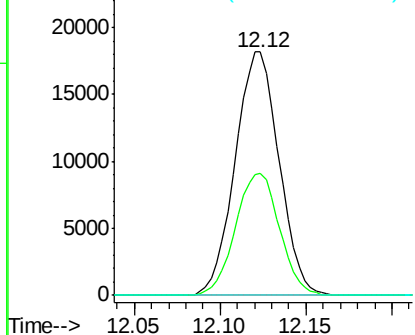
#71
 Bromoform
 Concen: 20.43 ug/l
 RT: 12.12 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBS01

Tgt Ion:173 Resp: 32370
 Ion Ratio Lower Upper
 173 100
 175 50.1 23.8 71.4
 254 0.0 0.0 0.0

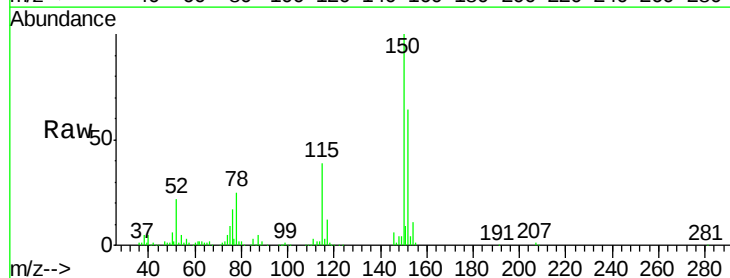


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

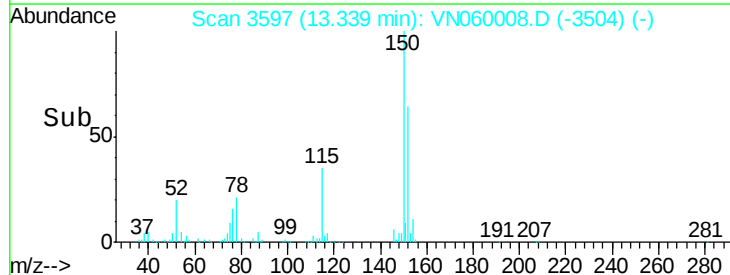
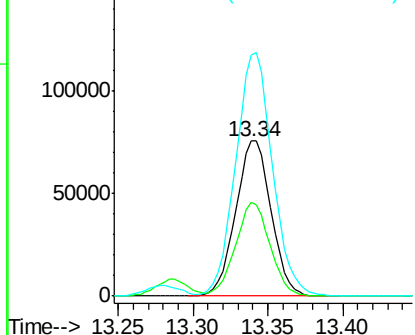


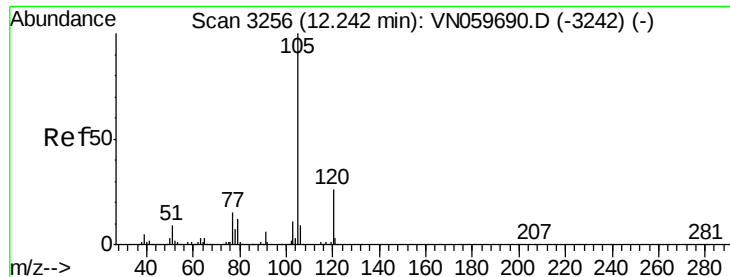
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion:152 Resp: 124562
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.3 90.9
 150 163.2 0.0 345.2



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





#73

Isopropylbenzene

Concen: 20.30 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

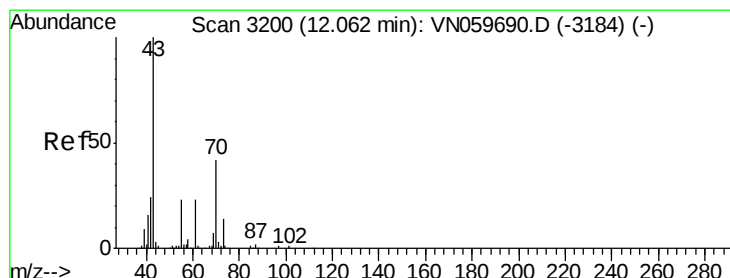
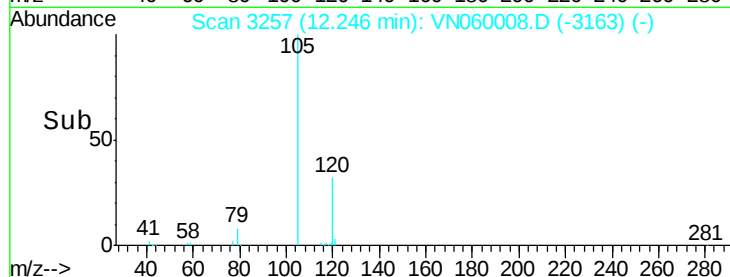
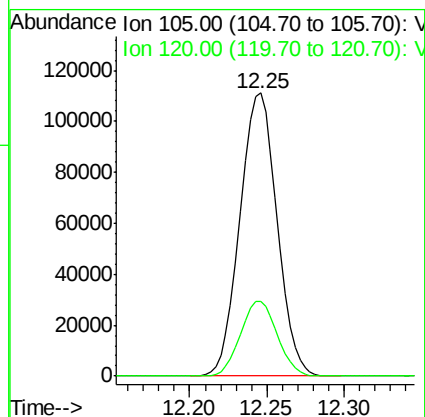
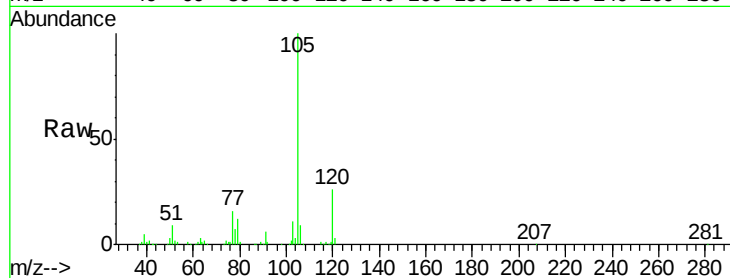
VN0206WBS01

Tgt Ion:105 Resp: 185432

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 19.18 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Tgt Ion: 43 Resp: 67989

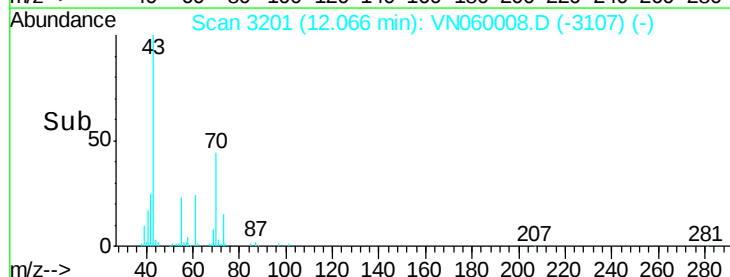
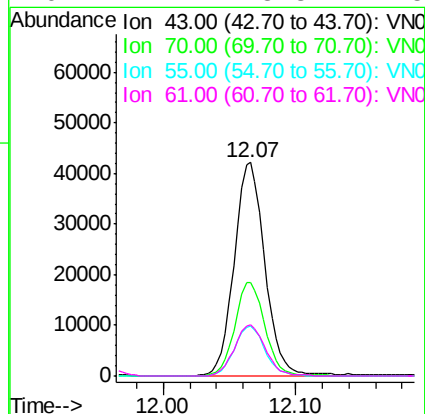
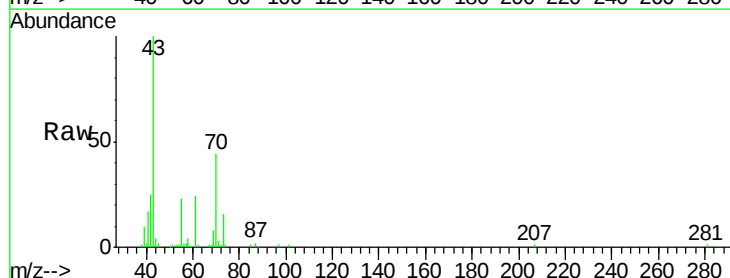
Ion Ratio Lower Upper

43 100

70 42.7 31.3 46.9

55 23.1 19.8 29.6

61 24.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.71 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

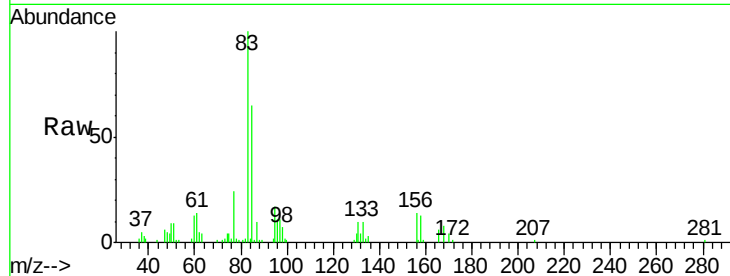
Tgt Ion: 83 Resp: 54845

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

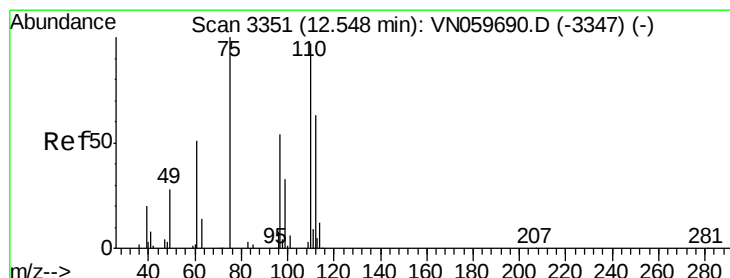
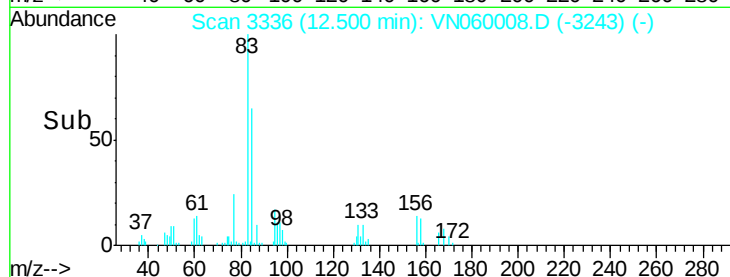
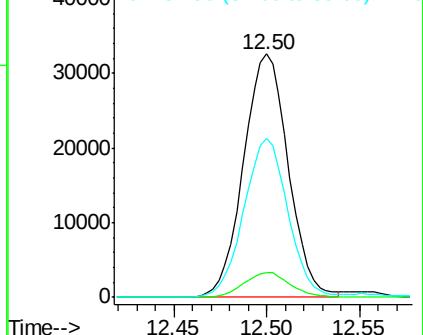
85 64.2 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.42 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060008.D

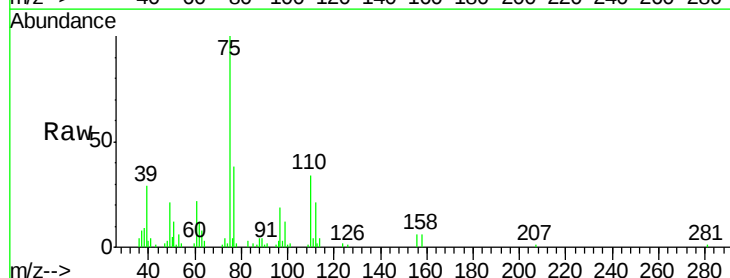
Acq: 6 Feb 2020 11:15

Tgt Ion: 75 Resp: 74246

Ion Ratio Lower Upper

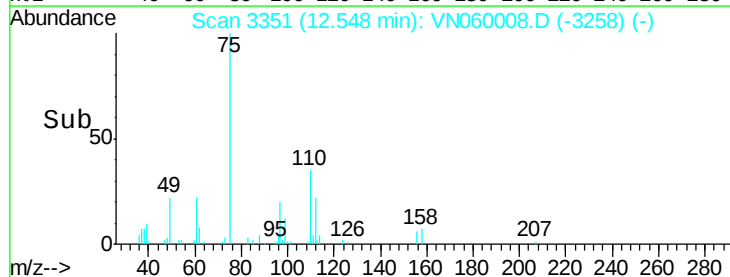
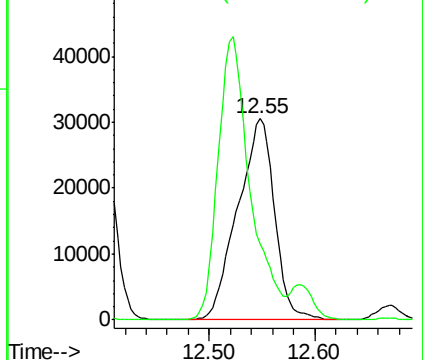
75 100

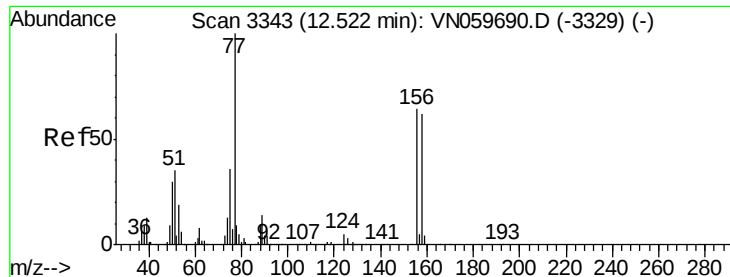
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.89 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

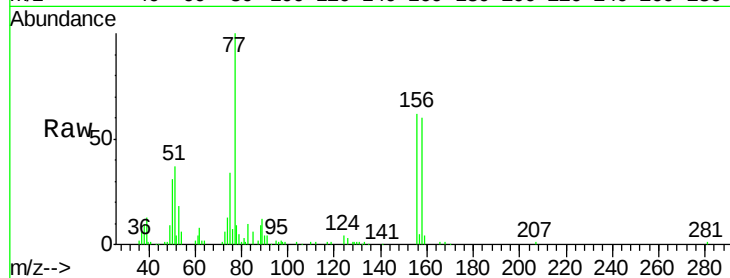
Tgt Ion:156 Resp: 46016

Ion Ratio Lower Upper

156 100

77 196.7 115.8 347.4

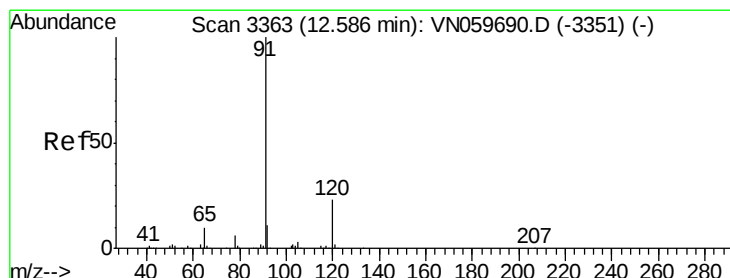
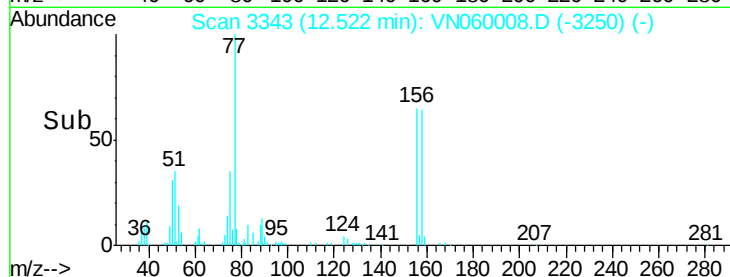
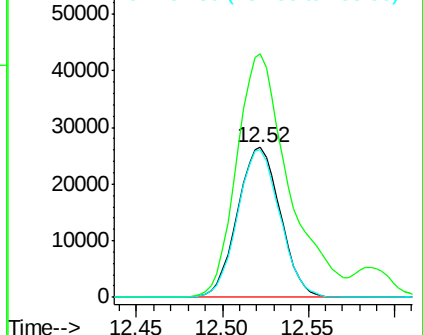
158 97.1 49.2 147.6



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: 20.01 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060008.D

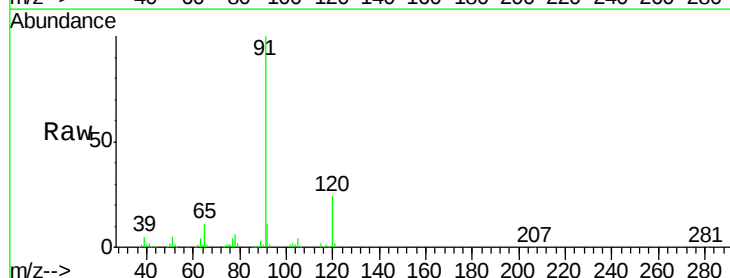
Acq: 6 Feb 2020 11:15

Tgt Ion: 91 Resp: 205211

Ion Ratio Lower Upper

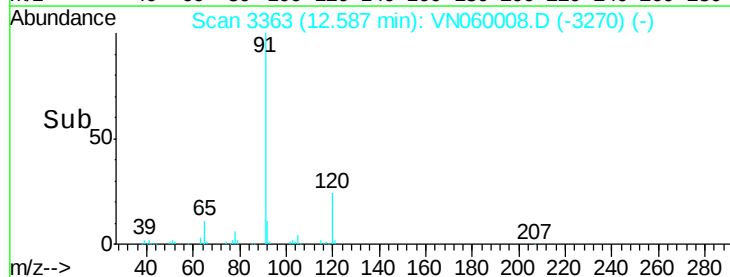
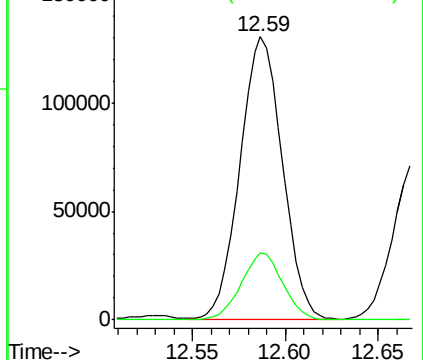
91 100

120 23.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.37 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

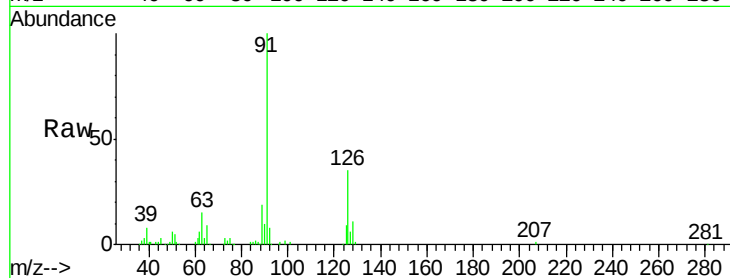
VN0206WBS01

Tgt Ion: 91 Resp: 124272

Ion Ratio Lower Upper

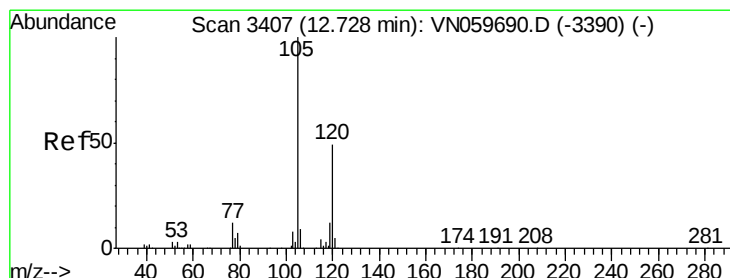
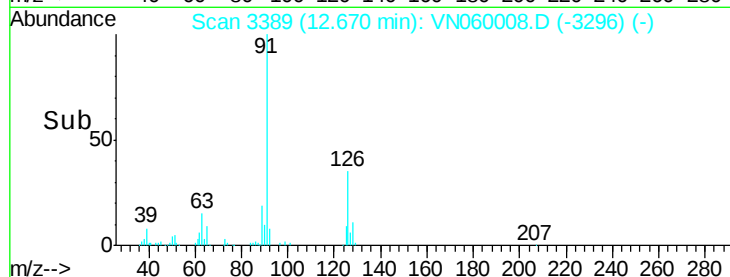
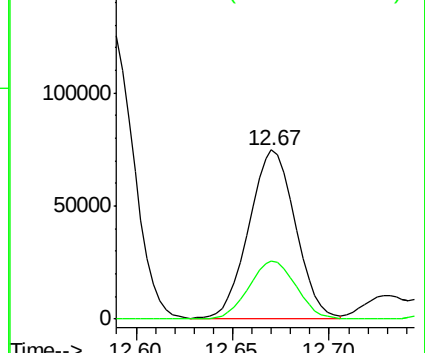
91 100

126 35.2 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.91 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060008.D

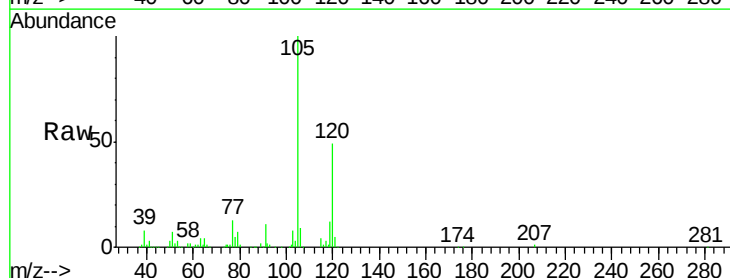
Acq: 6 Feb 2020 11:15

Tgt Ion: 105 Resp: 152955

Ion Ratio Lower Upper

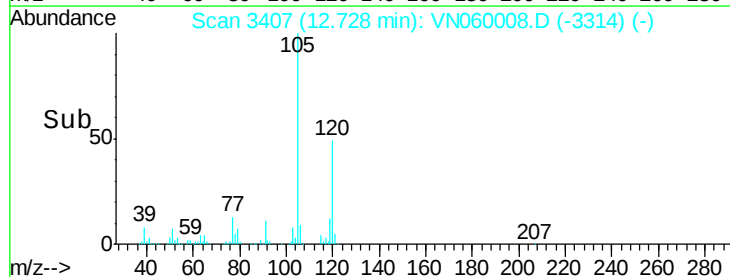
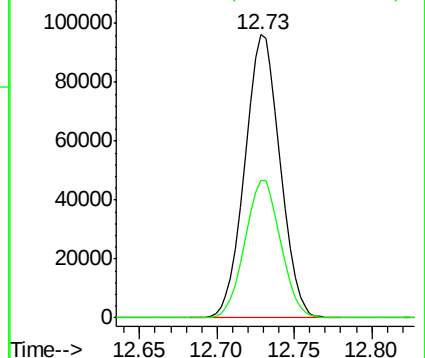
105 100

120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.75 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060008.D

Acq: 6 Feb 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBS01

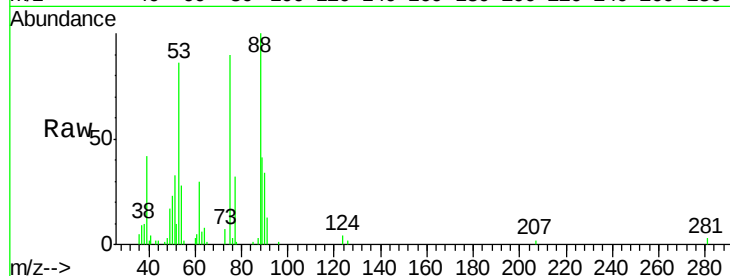
Tgt Ion: 75 Resp: 19281

Ion Ratio Lower Upper

75 100

53 94.4 78.1 117.1

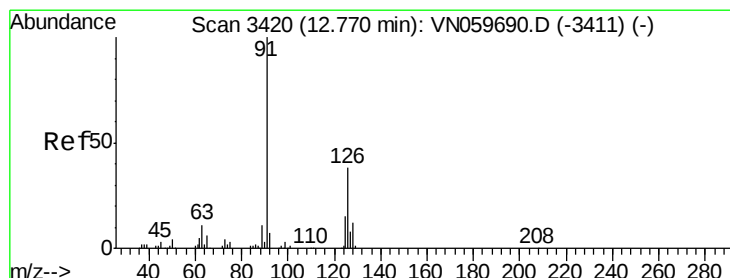
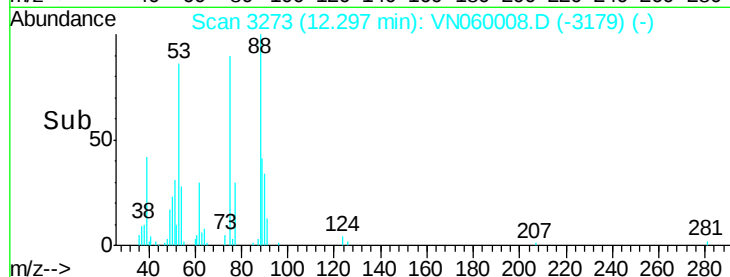
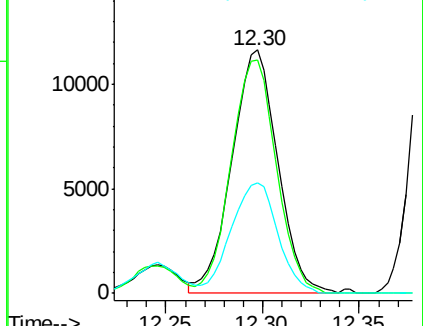
89 46.0 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.57 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060008.D

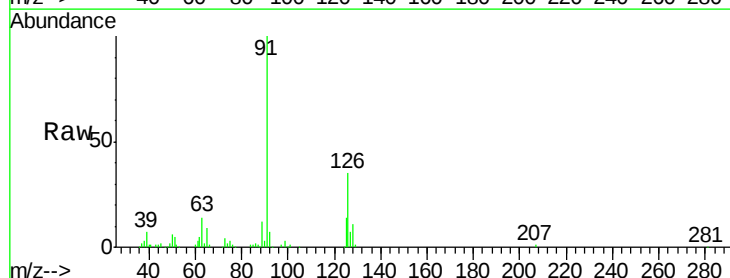
Acq: 6 Feb 2020 11:15

Tgt Ion: 91 Resp: 125845

Ion Ratio Lower Upper

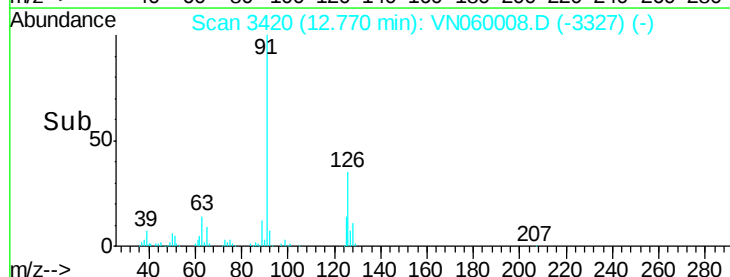
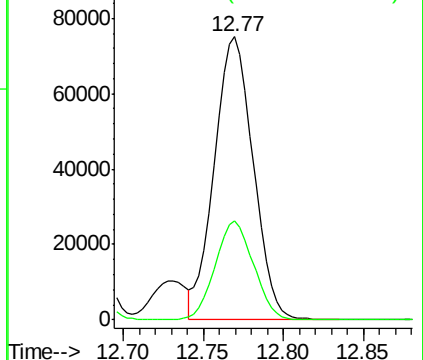
91 100

126 34.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

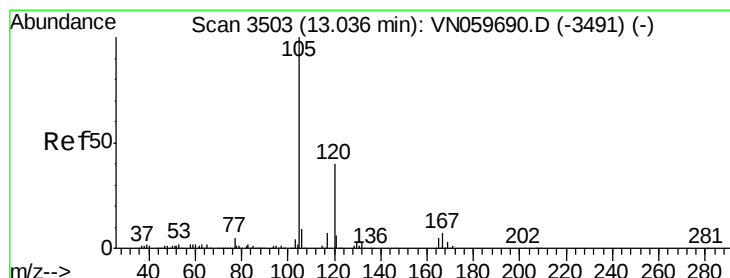
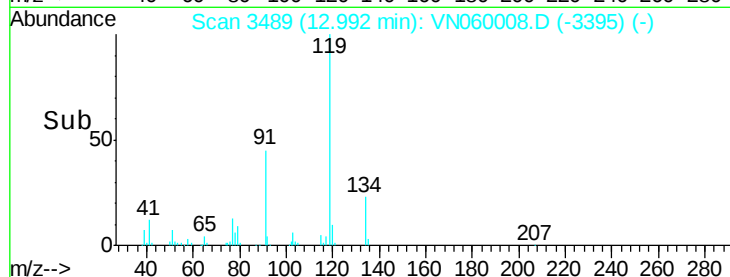
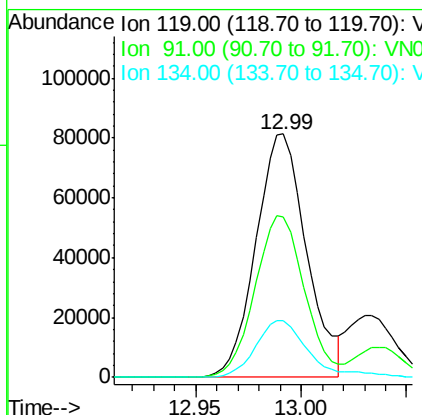
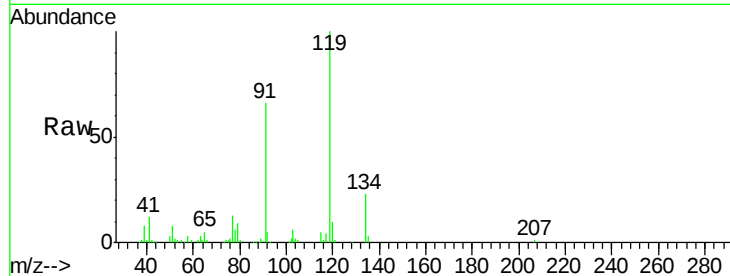




#83
 tert-Butylbenzene
 Concen: 20.45 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

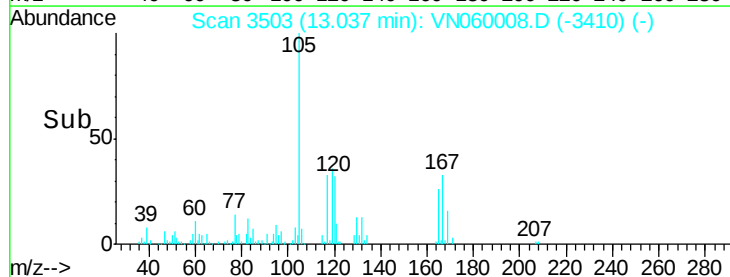
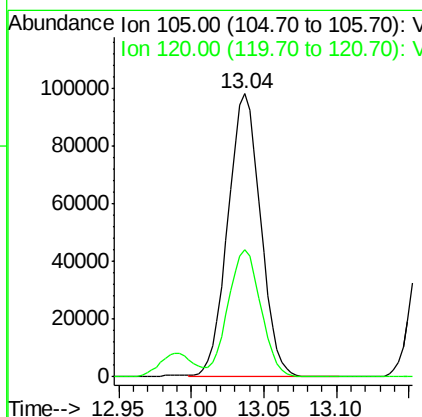
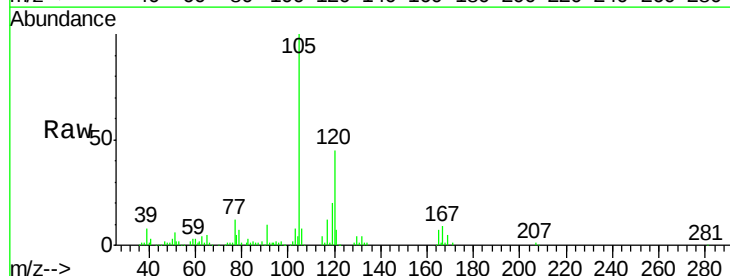
Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBS01

Tgt Ion:119 Resp: 135882
 Ion Ratio Lower Upper
 119 100
 91 64.8 34.8 104.4
 134 24.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.26 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion:105 Resp: 153994
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.9

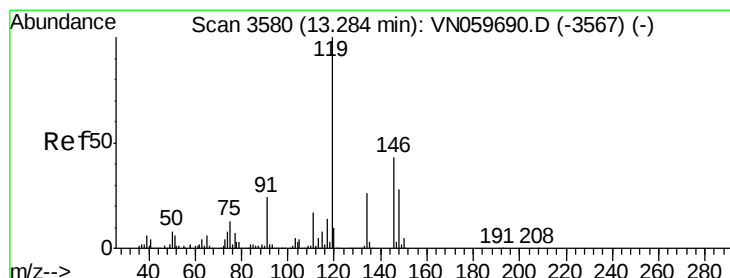
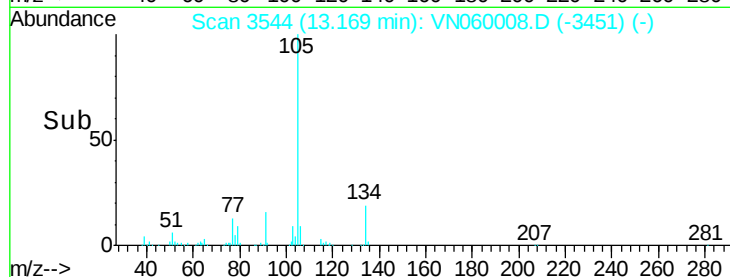
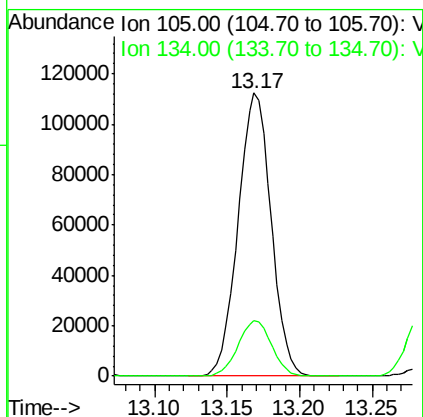
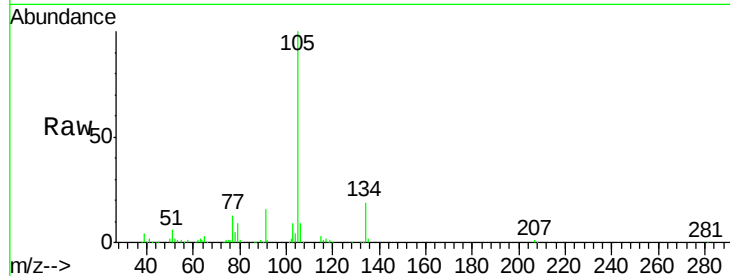




#85
 sec-Butylbenzene
 Concen: 20.35 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

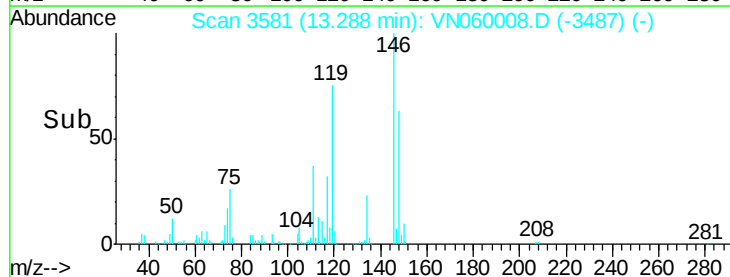
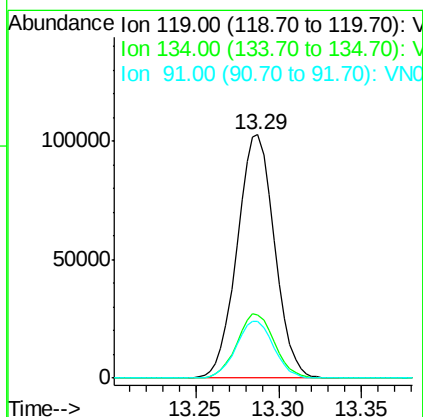
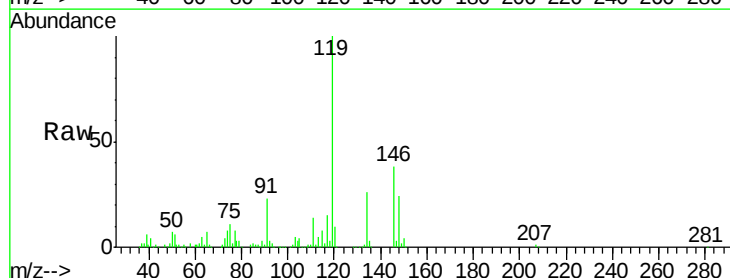
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

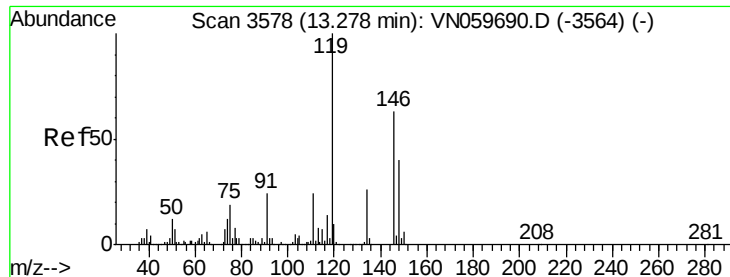
Tgt Ion:105 Resp: 177669
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.78 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion:119 Resp: 159802
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.7 12.4 37.4

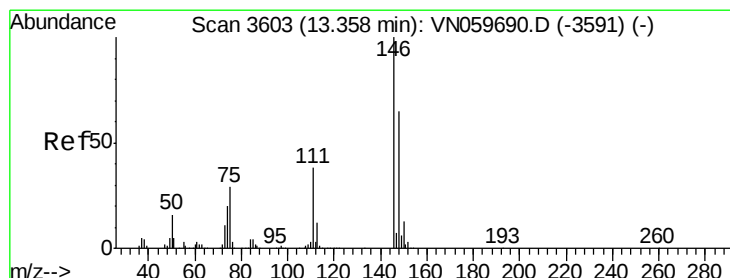
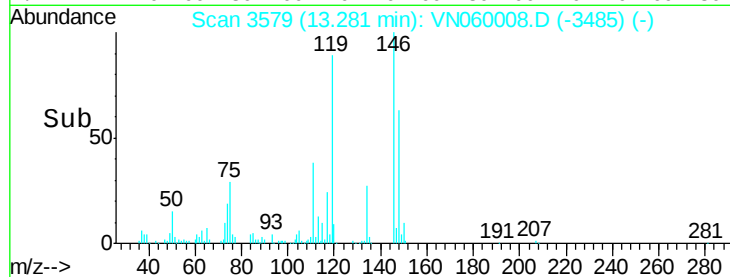
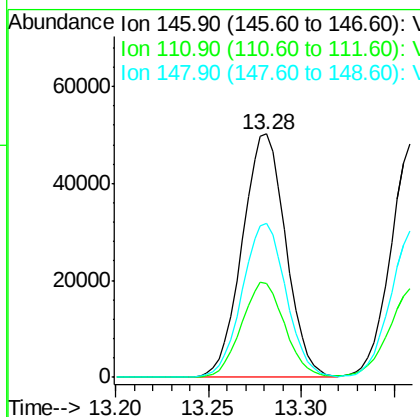
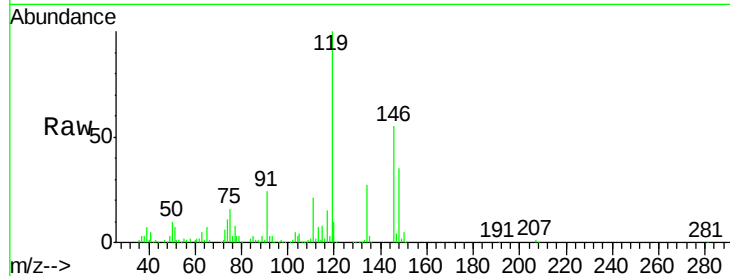




#87
 1,3-Dichlorobenzene
 Concen: 20.50 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

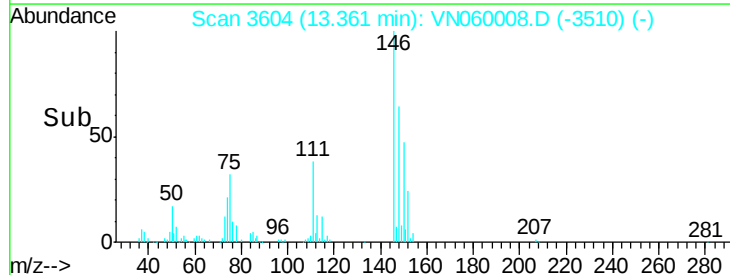
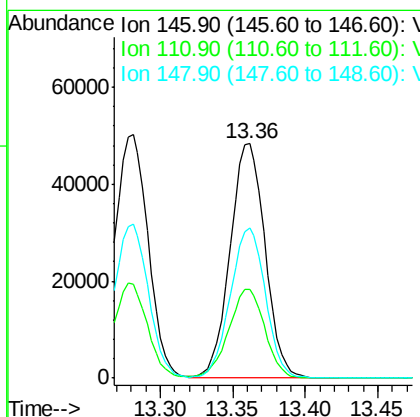
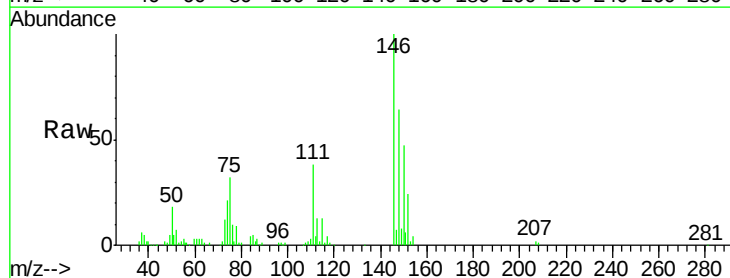
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Tgt Ion:146 Resp: 82380
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.8 62.2
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion:146 Resp: 81064
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.8 62.2
 148 64.4 31.8 95.4

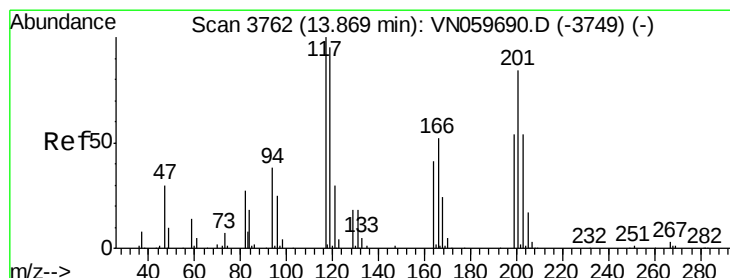
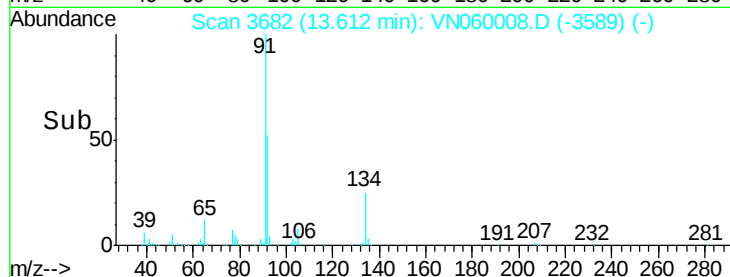
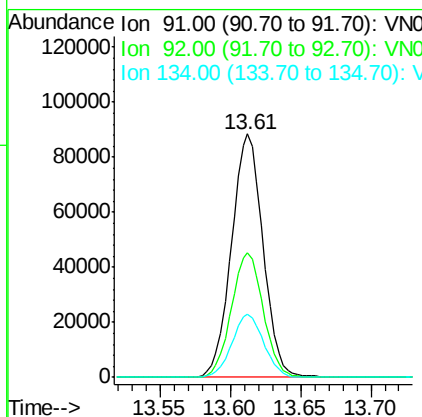
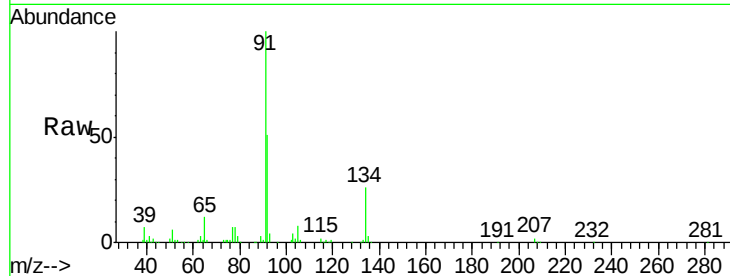




#89
n-Butylbenzene
Concen: 20.10 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

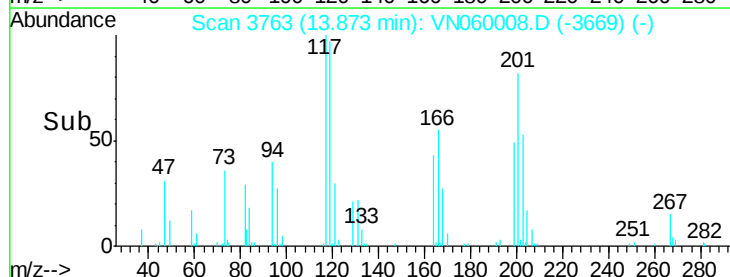
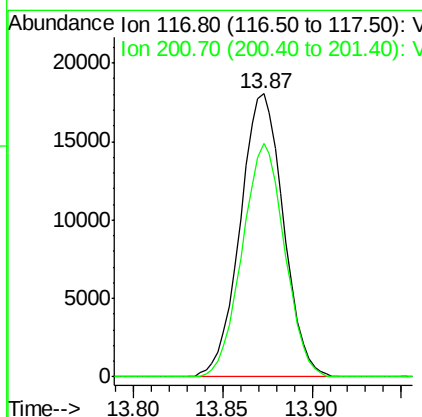
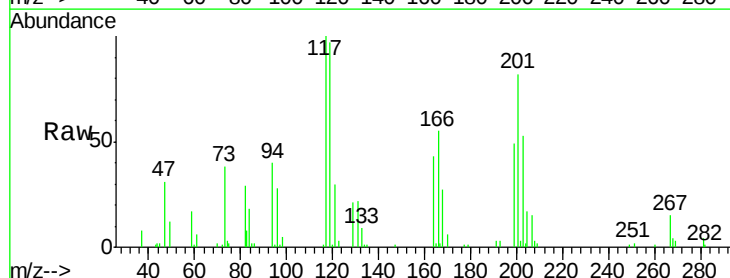
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

Tgt Ion: 91 Resp: 138453
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.7
134 26.1 12.3 36.8



#90
Hexachloroethane
Concen: 20.22 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion: 117 Resp: 30558
Ion Ratio Lower Upper
117 100
201 80.6 37.8 113.4

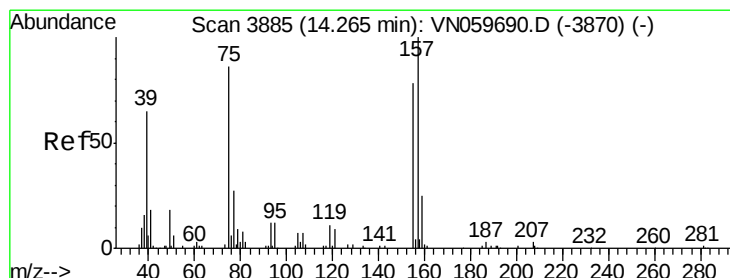
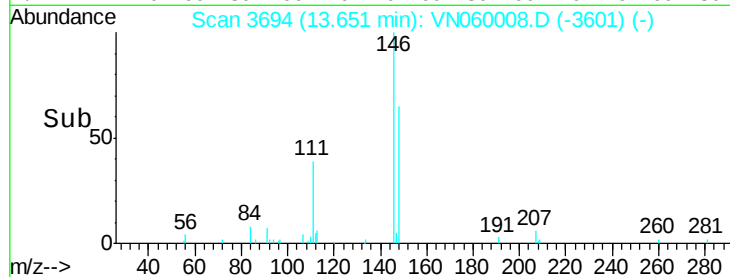
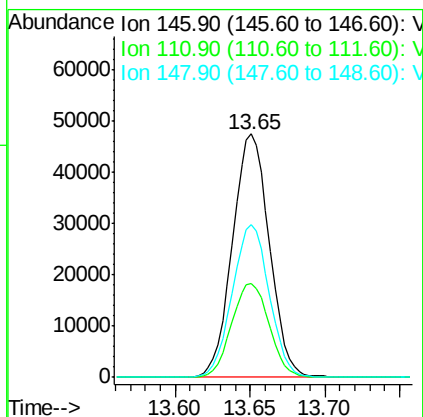
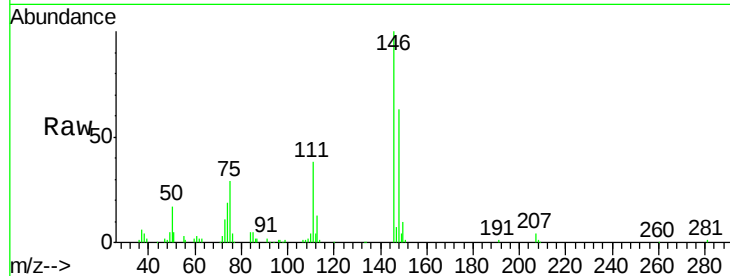




#91
 1,2-Dichlorobenzene
 Concen: 20.50 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

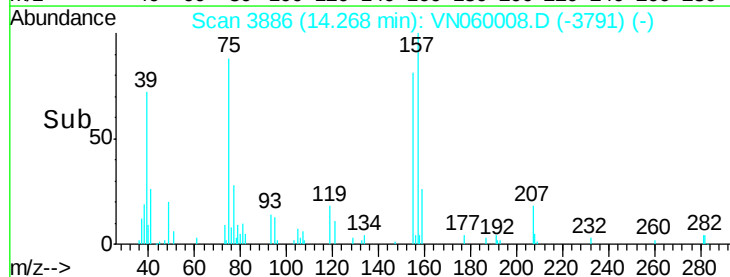
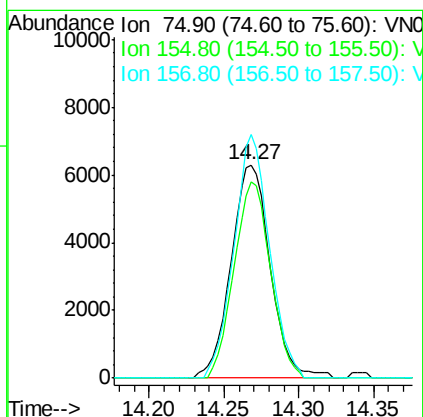
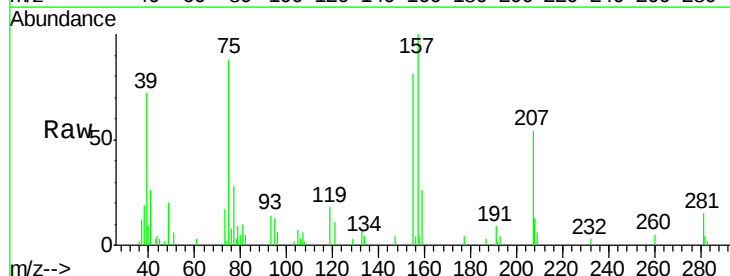
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

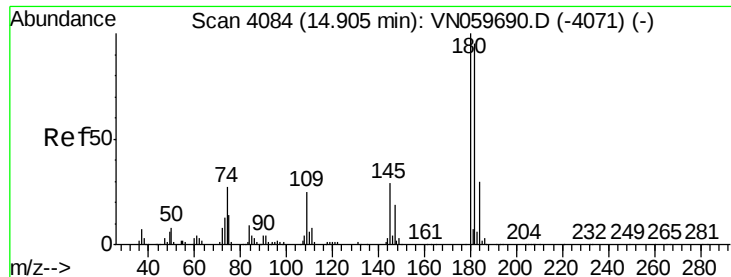
Tgt Ion: 146 Resp: 81425
 Ion Ratio Lower Upper
 146 100
 111 39.1 21.6 64.8
 148 63.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.92 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion: 75 Resp: 11492
 Ion Ratio Lower Upper
 75 100
 155 85.5 37.0 110.9
 157 103.2 48.4 145.2

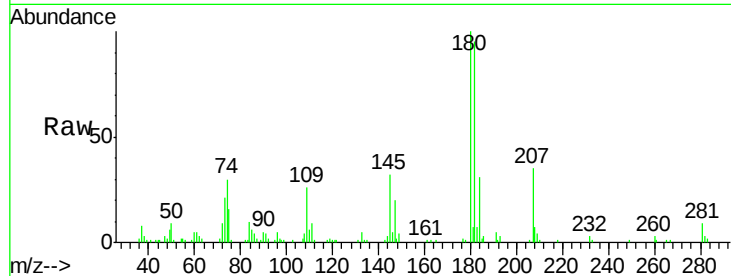




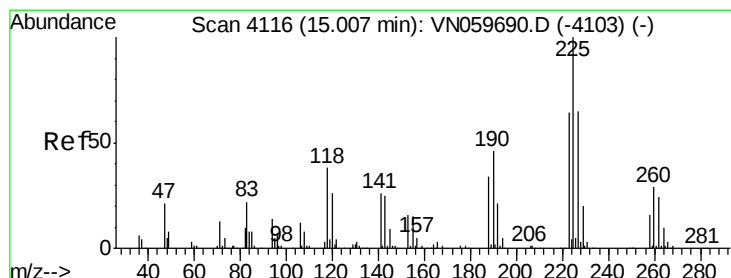
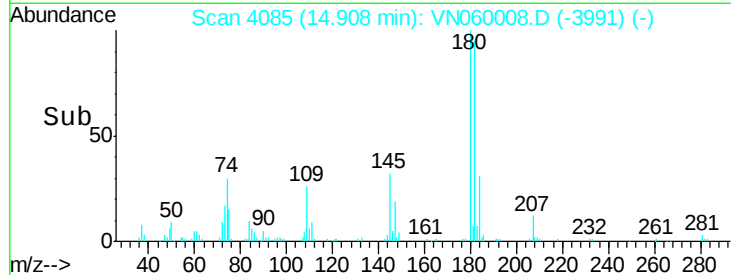
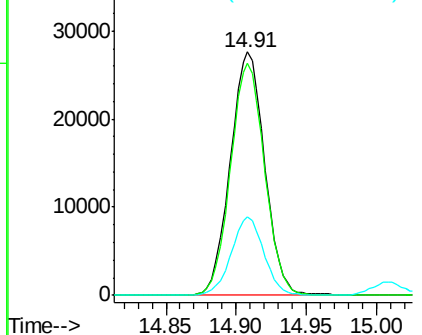
#93
 1,2,4-Trichlorobenzene
 Concen: 19.75 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Tgt Ion:180 Resp: 47155
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.7
 145 30.5 15.0 45.1

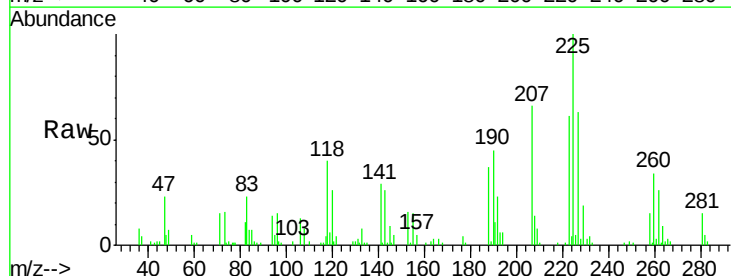


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

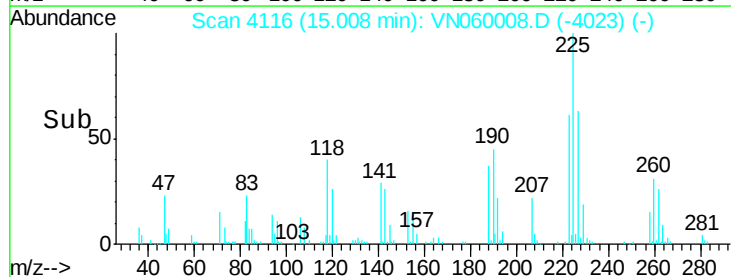
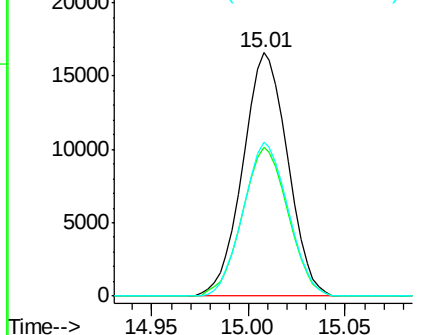


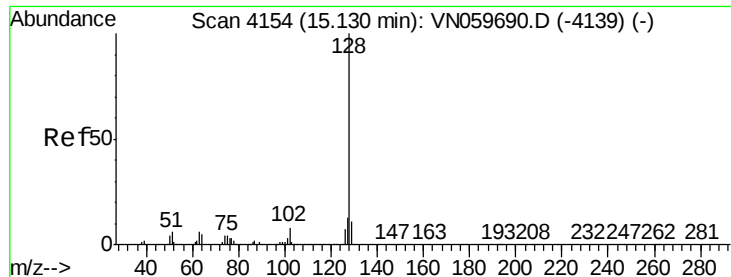
#94
 Hexachlorobutadiene
 Concen: 20.33 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060008.D
 Acq: 6 Feb 2020 11:15

Tgt Ion:225 Resp: 26749
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.8 95.3
 227 63.3 32.1 96.5



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

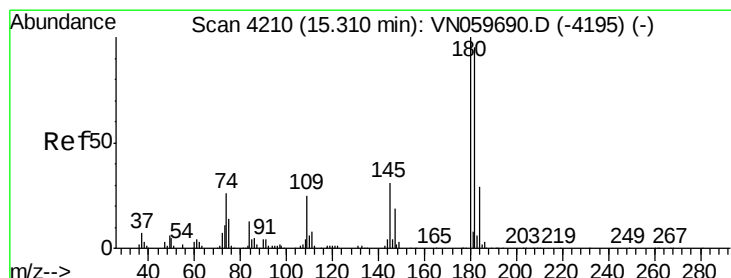
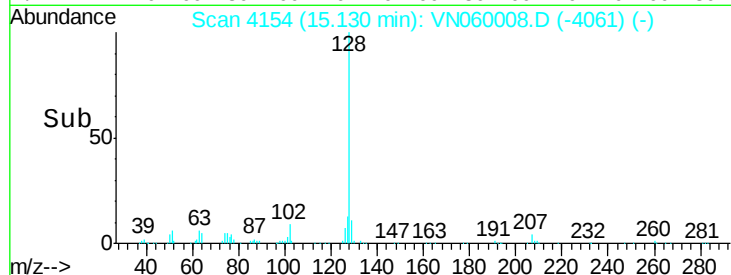
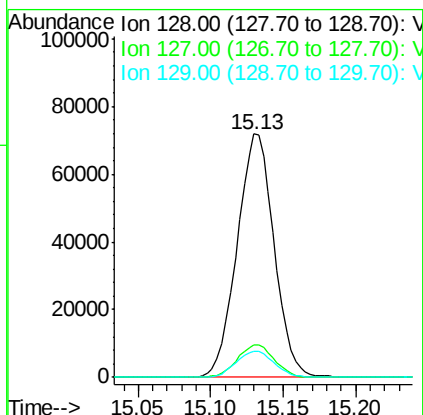
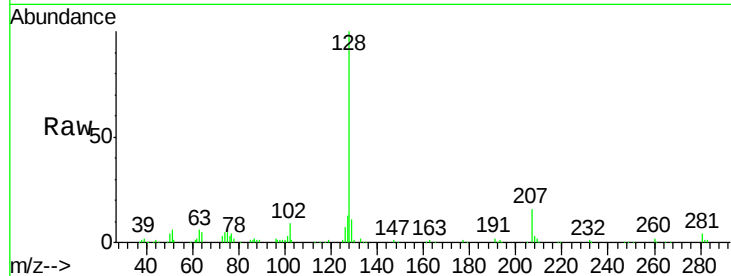




#95
Naphthalene
Concen: 18.75 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

Tgt Ion:128 Resp: 127332
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.55 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060008.D
Acq: 6 Feb 2020 11:15

Tgt Ion:180 Resp: 47752
Ion Ratio Lower Upper
180 100
182 92.0 47.4 142.3
145 30.5 16.3 48.9

