

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
 Data File : VN060009.D
 Acq On : 6 Feb 2020 11:53
 Operator : JC/MD
 Sample : VN0206WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Quant Time: Feb 06 16:56:33 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	175572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	273580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	250931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	105024	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.56	113	85954	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.08	98	320989	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	117409	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33550	15.85	ug/l	98
3) Chloromethane	2.04	50	33997	16.91	ug/l	99
4) Vinyl Chloride	2.17	62	44160	19.20	ug/l	100
5) Bromomethane	2.55	94	25854	18.42	ug/l	100
6) Chloroethane	2.69	64	20449	18.79	ug/l	93
7) Trichlorofluoromethane	3.00	101	51618	18.69	ug/l	98
8) Diethyl Ether	3.38	74	20607	21.26	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31810	20.69	ug/l	94
10) Methyl Iodide	3.93	142	39972	16.09	ug/l	97
11) Tert butyl alcohol	4.73	59	34083	103.84	ug/l	99
12) 1,1-Dichloroethene	3.72	96	29285	18.23	ug/l	92
13) Acrolein	3.58	56	13600	58.53	ug/l	95
14) Allyl chloride	4.29	41	45287	20.92	ug/l	# 89
15) Acrylonitrile	4.95	53	81386	108.70	ug/l	99
16) Acetone	3.78	43	90459	131.27	ug/l	97
17) Carbon Disulfide	4.03	76	70232	15.35	ug/l	99
18) Methyl Acetate	4.29	43	51140	22.45	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	114915	21.94	ug/l	95
20) Methylene Chloride	4.52	84	36386	19.85	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	31654	18.54	ug/l	93
22) Diisopropyl ether	5.91	45	106215	21.65	ug/l	93
23) Vinyl Acetate	5.86	43	395183	104.03	ug/l	96
24) 1,1-Dichloroethane	5.82	63	61081	20.37	ug/l	96
25) 2-Butanone	6.80	43	118479	107.30	ug/l	93
26) 2,2-Dichloropropane	6.80	77	58343	20.24	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	40372	20.56	ug/l	89
28) Bromochloromethane	7.17	49	23869	19.92	ug/l	# 80
29) Tetrahydrofuran	7.18	42	71236	104.27	ug/l	88
30) Chloroform	7.35	83	66566	21.43	ug/l	99
31) Cyclohexane	7.63	56	51191	17.74	ug/l	# 85
32) 1,1,1-Trichloroethane	7.54	97	59646	20.77	ug/l	95
36) 1,1-Dichloropropene	7.77	75	44949	18.87	ug/l	95
37) Ethyl Acetate	6.90	43	47031	21.05	ug/l	98
38) Carbon Tetrachloride	7.75	117	51725	19.96	ug/l	98

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

39) Methylcyclohexane	9.06	83	53608	18.25	ug/l	95
40) Benzene	8.02	78	140072	19.71	ug/l	99
41) Methacrylonitrile	7.18	41	67158	61.02	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	53364	22.15	ug/l	98
43) Isopropyl Acetate	8.14	43	79641	20.72	ug/l	95
44) Trichloroethene	8.82	130	39986	20.61	ug/l	95
45) 1,2-Dichloropropane	9.10	63	37098	21.10	ug/l	98
46) Dibromomethane	9.19	93	26936	21.72	ug/l	94
47) Bromodichloromethane	9.39	83	53422	21.37	ug/l	98
48) Methyl methacrylate	9.18	41	33760	19.64	ug/l	90
49) 1,4-Dioxane	9.18	88	14121	448.69	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	237148	106.74	ug/l	96
52) Toluene	10.14	92	90975	20.27	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	59847	21.45	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	63509	21.63	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	38653	21.75	ug/l	95
56) Ethyl methacrylate	10.42	69	54038	19.90	ug/l	96
57) 1,3-Dichloropropane	10.70	76	62643	22.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	88489	108.17	ug/l	91
59) 2-Hexanone	10.74	43	176291	107.70	ug/l	95
60) Dibromochloromethane	10.89	129	44089	21.78	ug/l	100
61) 1,2-Dibromoethane	11.00	107	39345	21.12	ug/l	98
64) Tetrachloroethene	10.62	164	43062	21.06	ug/l	96
65) Chlorobenzene	11.43	112	100427	20.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40312	21.15	ug/l	99
67) Ethyl Benzene	11.51	91	177663	19.84	ug/l	98
68) m/p-Xylenes	11.62	106	133322	39.42	ug/l	95
69) o-Xylene	11.94	106	65053	19.65	ug/l	98
70) Styrene	11.96	104	105671	19.07	ug/l	98
71) Bromoform	12.12	173	32003	20.96	ug/l #	97
73) Isopropylbenzene	12.25	105	177606	20.34	ug/l	99
74) N-amyl acetate	12.06	43	68303	20.16	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	54313	21.46	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	73324	36.60	ug/l #	100
77) Bromobenzene	12.52	156	45767	20.70	ug/l	84
78) n-propylbenzene	12.59	91	199740	20.38	ug/l	99
79) 2-Chlorotoluene	12.67	91	118677	20.36	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	148856	20.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18743	20.09	ug/l	96
82) 4-Chlorotoluene	12.77	91	123079	21.05	ug/l	98
83) tert-Butylbenzene	12.99	119	128834	20.29	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	148014	20.38	ug/l	99
85) sec-Butylbenzene	13.17	105	170029	20.38	ug/l	100
86) p-Isopropyltoluene	13.29	119	156065	20.21	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	80024	20.84	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78163	20.40	ug/l	98
89) n-Butylbenzene	13.61	91	135074	20.52	ug/l	98
90) Hexachloroethane	13.87	117	28630	19.82	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	79086	20.83	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11872	20.63	ug/l	90

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Quant Title : SW846 8260
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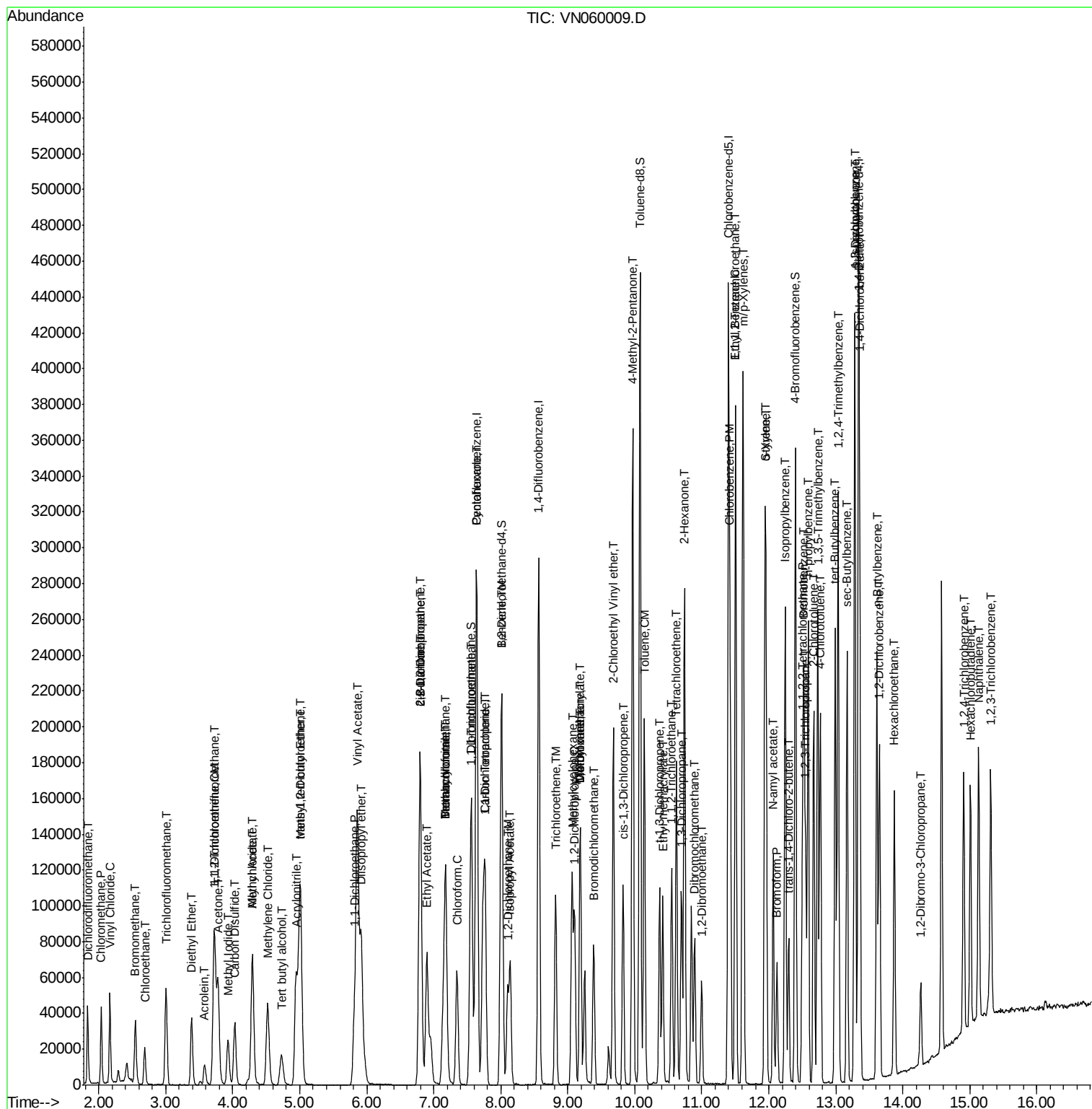
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47422	20.78	ug/l	100
94) Hexachlorobutadiene	15.01	225	26157	20.80	ug/l	99
95) Naphthalene	15.13	128	132952	20.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46729	21.04	ug/l	98

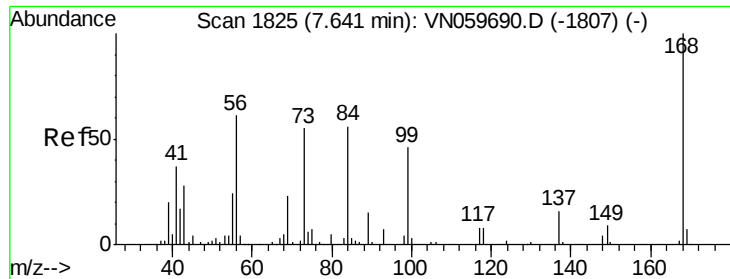
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 6 Feb 2020 11:53
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

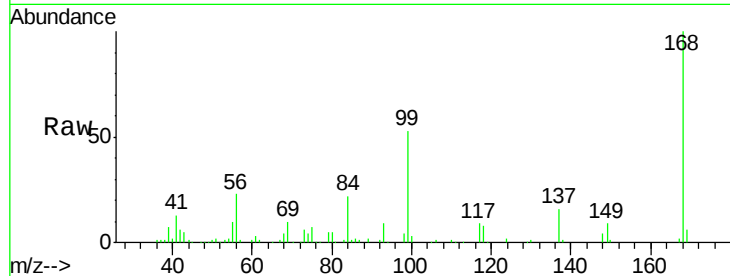
VN0206WBSD01

Tgt Ion:168 Resp: 175572

Ion Ratio Lower Upper

168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

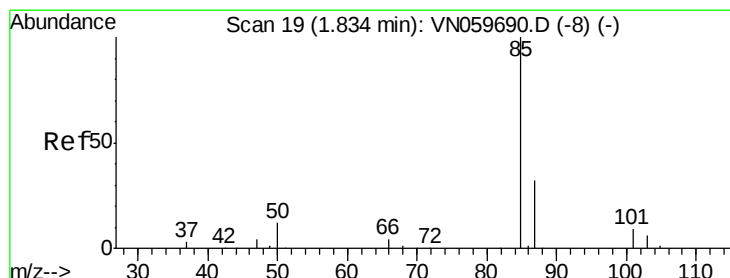
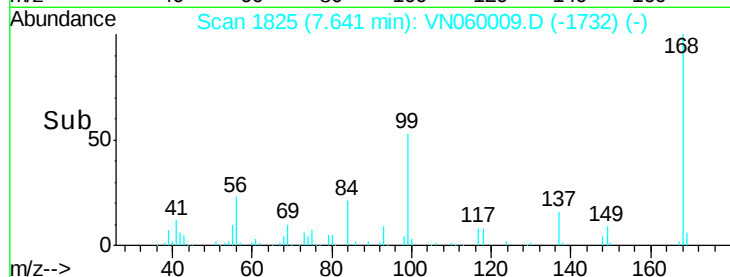
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 15.85 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060009.D

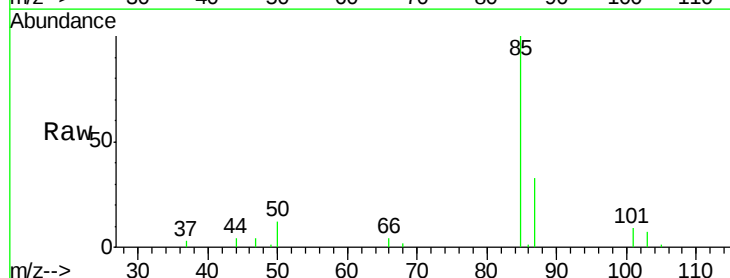
Acq: 6 Feb 2020 11:53

Tgt Ion: 85 Resp: 33550

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

25000

20000

15000

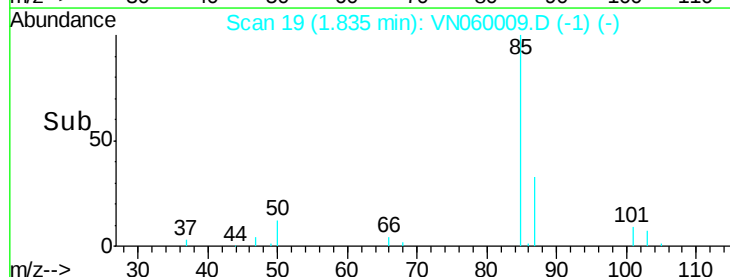
10000

5000

0

1.80 1.85 1.90

Time-->

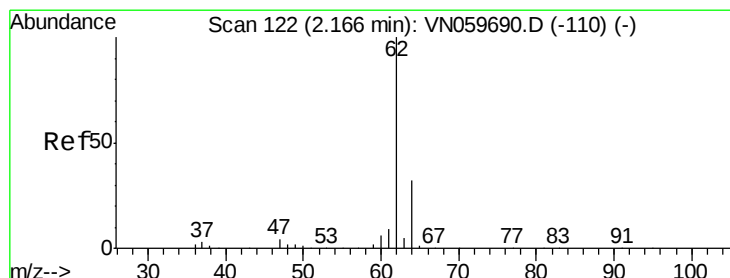
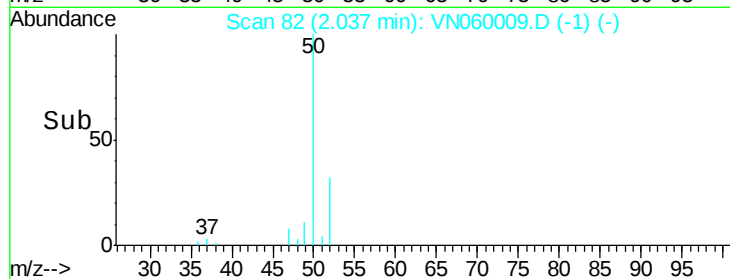
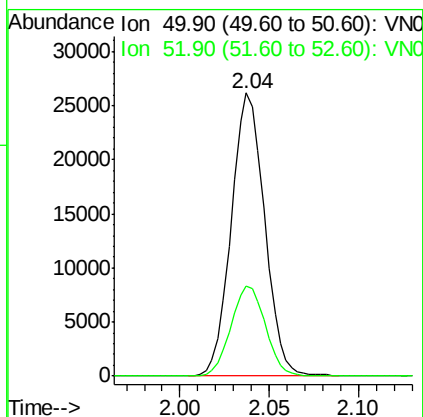
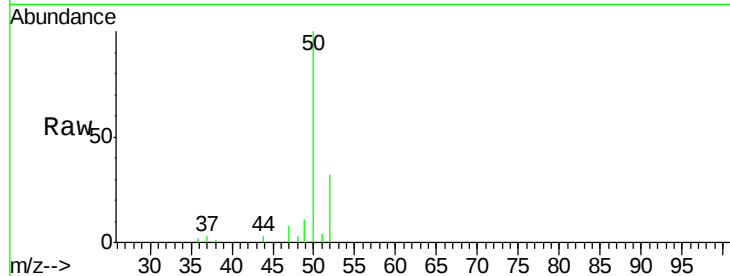




#3
Chloromethane
Concen: 16.91 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

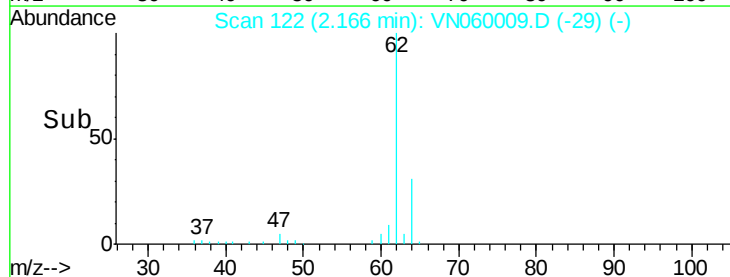
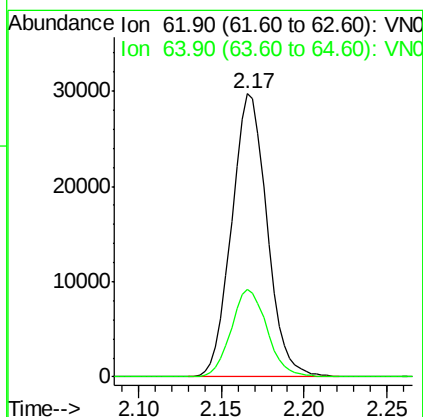
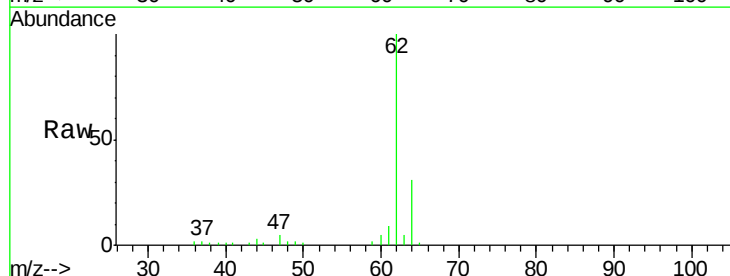
Instrument :
MSVOA_N
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VN0206WBSD01

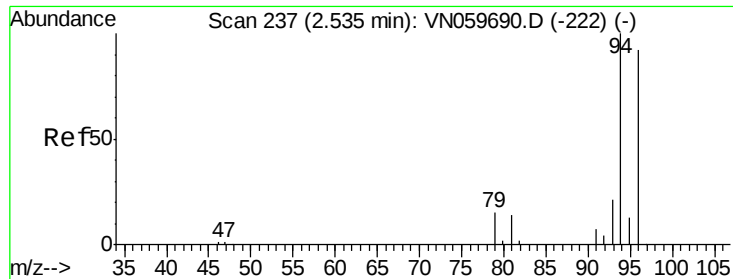
Tgt Ion: 50 Resp: 33997
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 19.20 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 62 Resp: 44160
Ion Ratio Lower Upper
62 100
64 31.0 24.6 37.0





#5

Bromomethane

Concen: 18.42 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

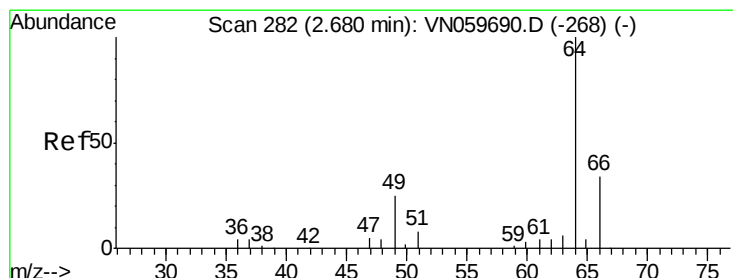
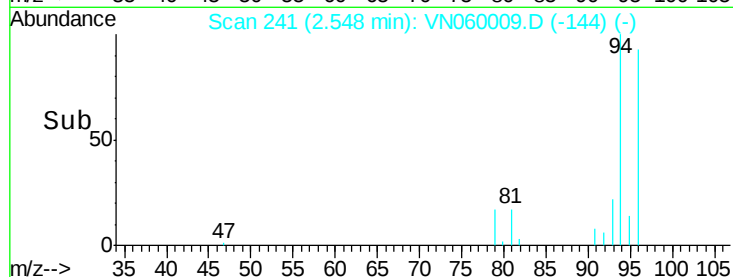
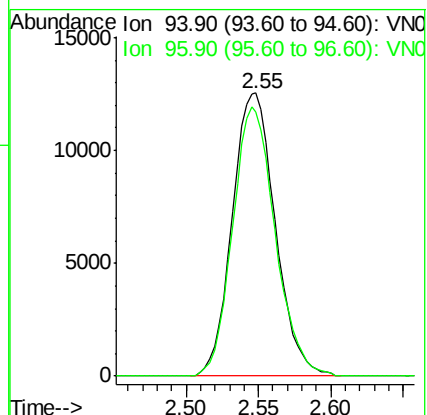
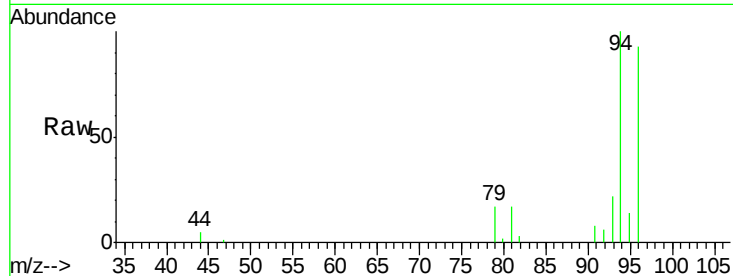
VN0206WBSD01

Tgt Ion: 94 Resp: 25854

Ion Ratio Lower Upper

94 100

96 93.3 74.7 112.1



#6

Chloroethane

Concen: 18.79 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN060009.D

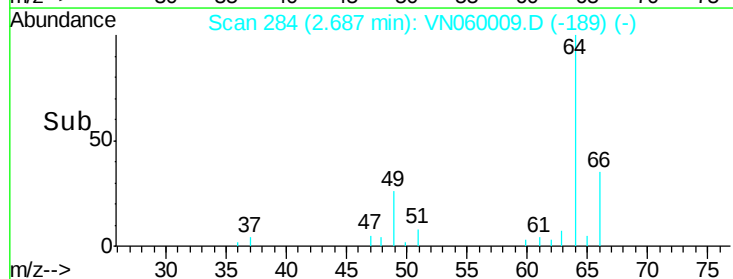
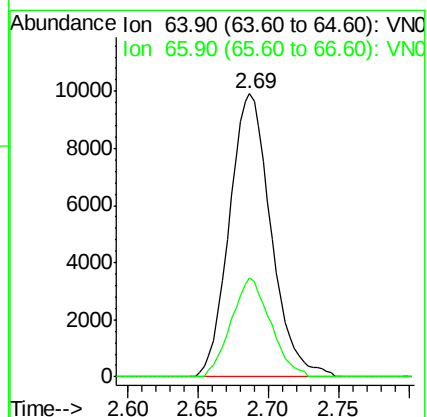
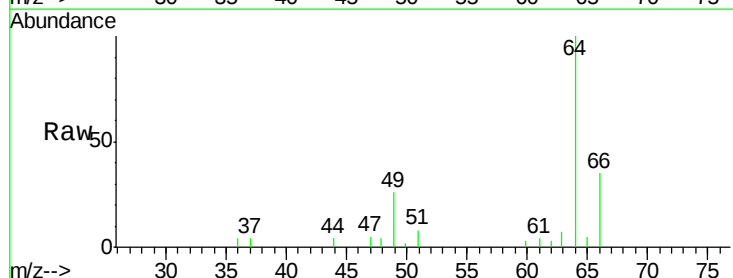
Acq: 6 Feb 2020 11:53

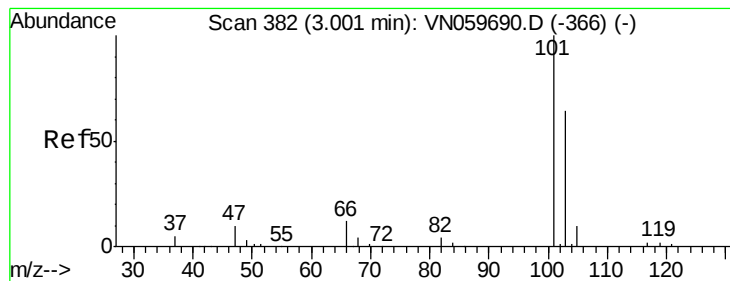
Tgt Ion: 64 Resp: 20449

Ion Ratio Lower Upper

64 100

66 35.1 25.1 37.7



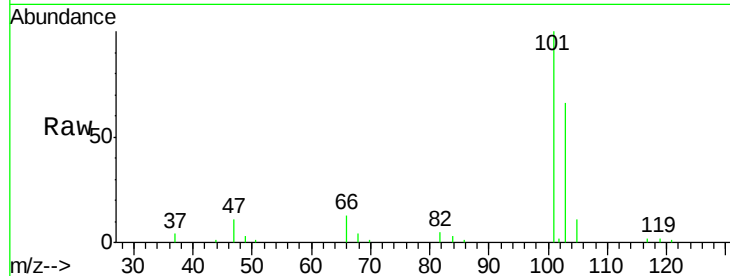


#7

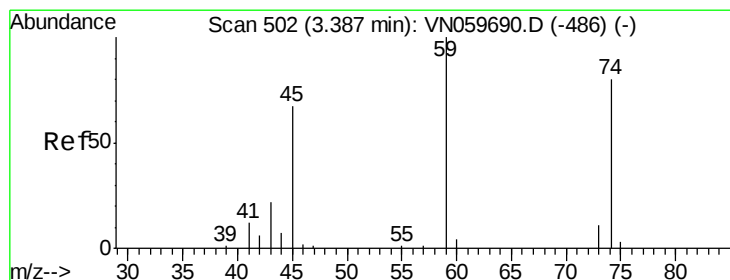
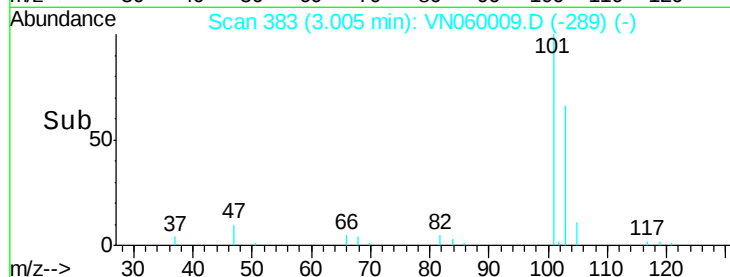
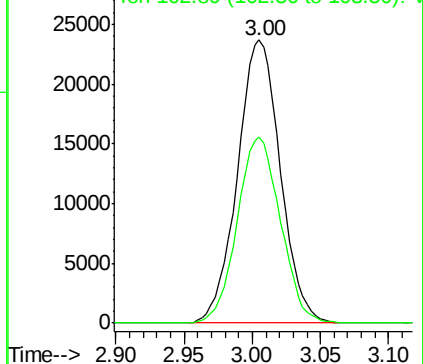
Trichlorofluoromethane
Concen: 18.69 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion: 101 Resp: 51618
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.6



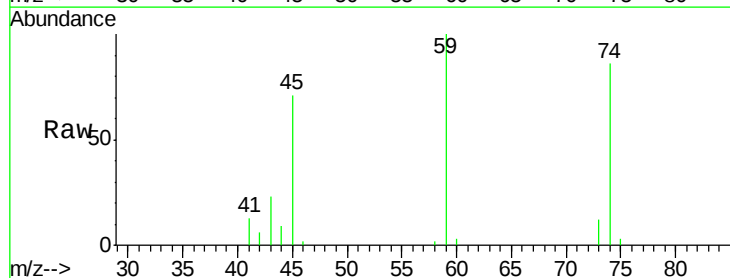
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



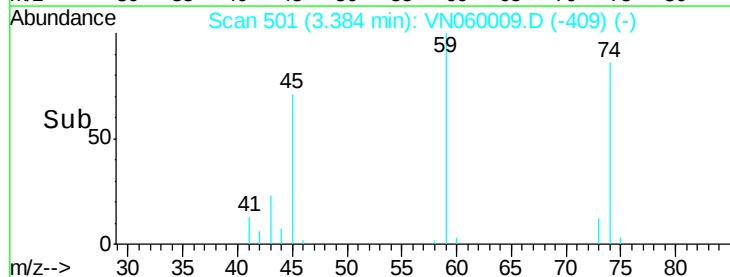
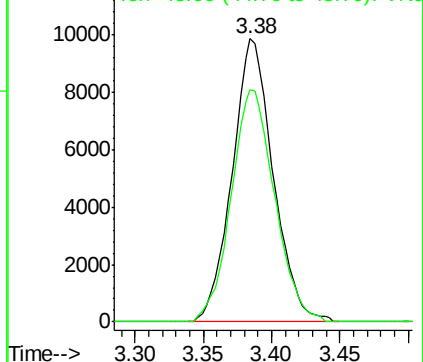
#8

Diethyl Ether
Concen: 21.26 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 74 Resp: 20607
Ion Ratio Lower Upper
74 100
45 86.7 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.69 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

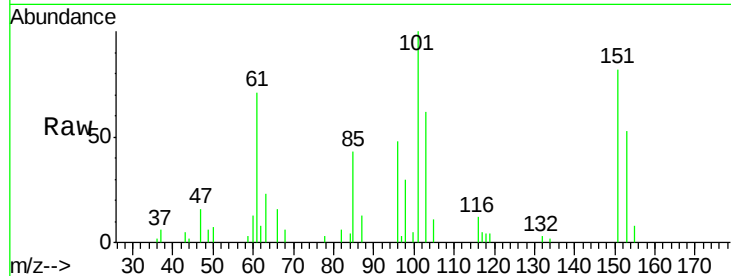
Tgt Ion:101 Resp: 31810

Ion Ratio Lower Upper

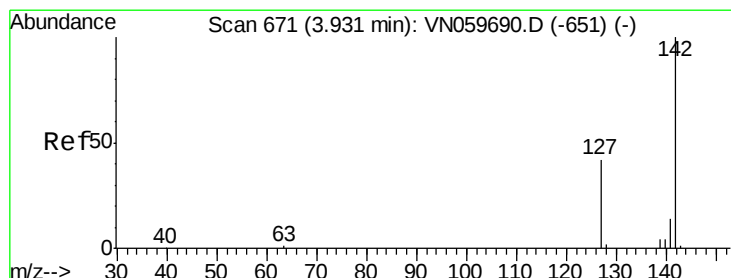
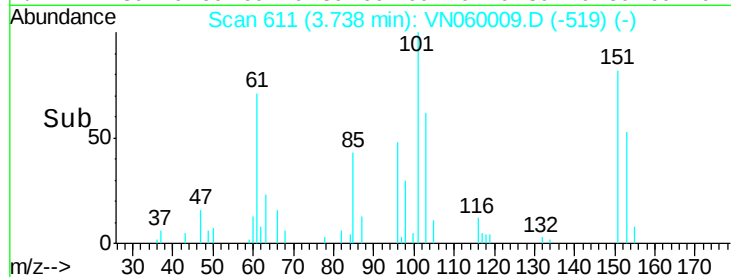
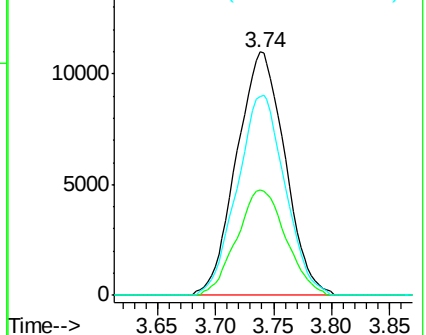
101 100

85 44.1 36.6 54.8

151 81.5 59.7 89.5



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



#10

Methyl Iodide

Concen: 16.09 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

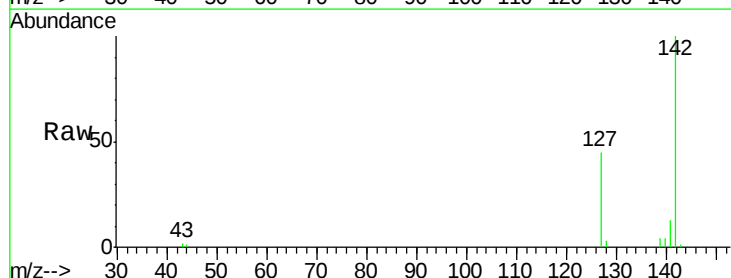
Tgt Ion:142 Resp: 39972

Ion Ratio Lower Upper

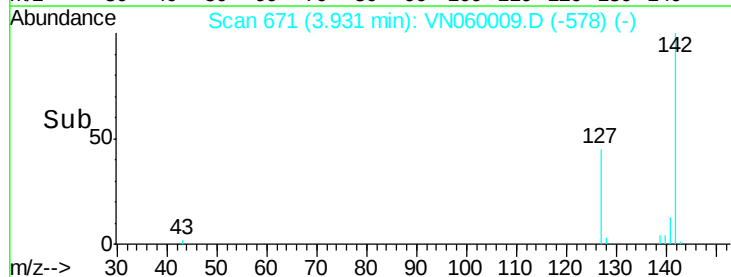
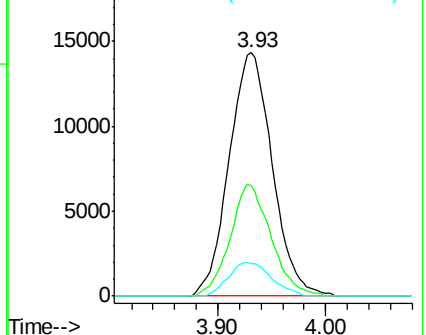
142 100

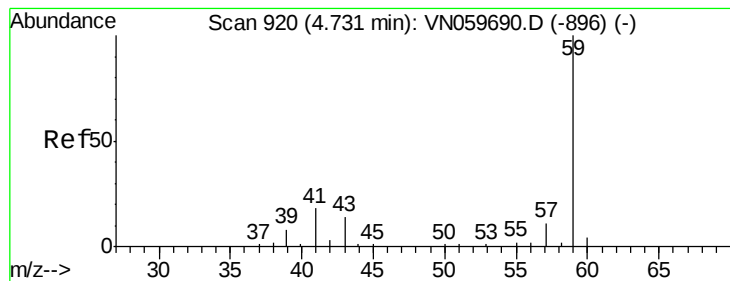
127 43.4 36.7 55.1

141 13.8 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



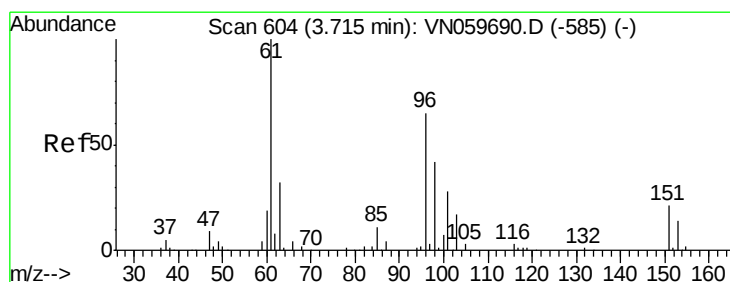
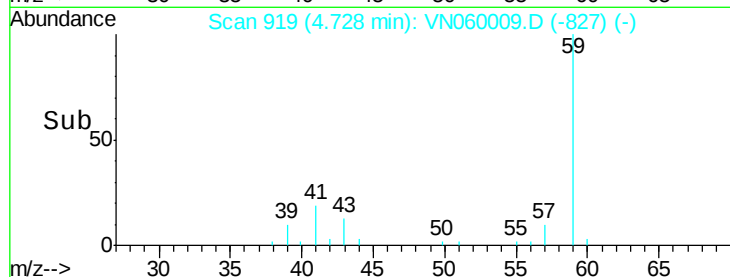
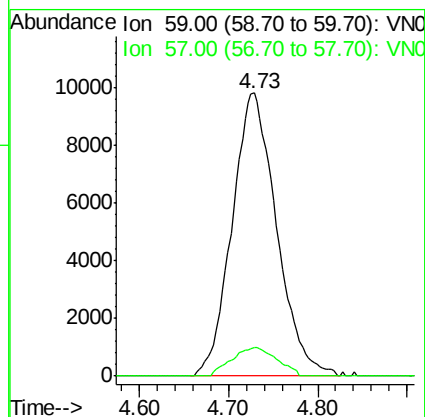
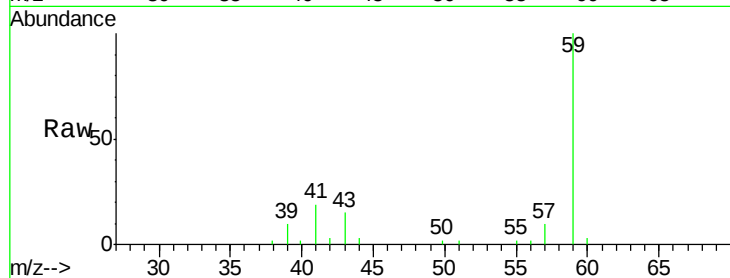


#11

Tert butyl alcohol
 Concen: 103.84 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

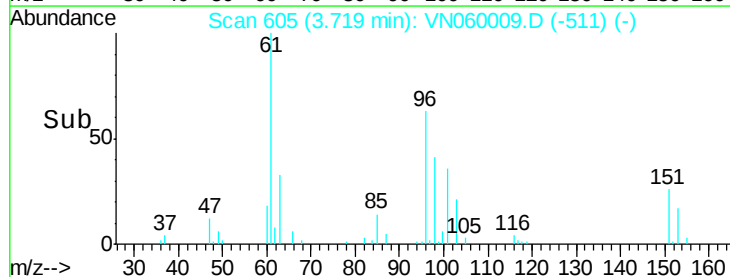
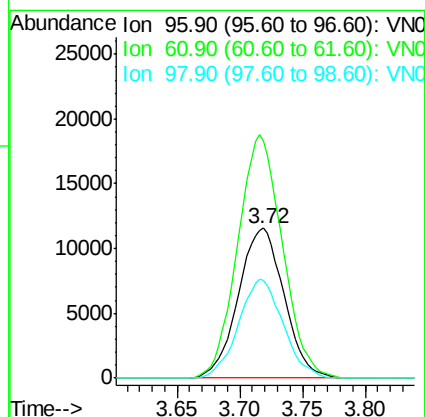
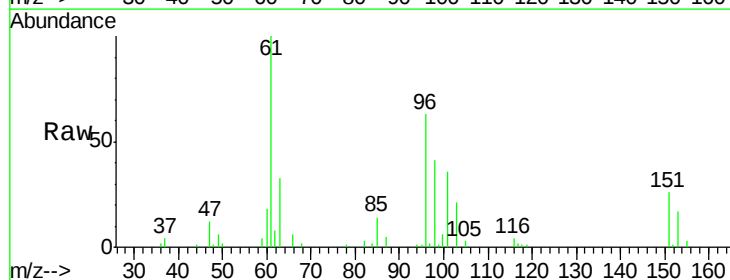
Tgt Ion: 59 Resp: 34083
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8

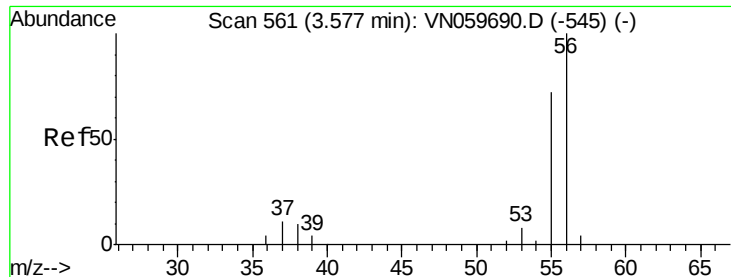


#12

1,1-Dichloroethene
 Concen: 18.23 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 96 Resp: 29285
 Ion Ratio Lower Upper
 96 100
 61 158.5 137.5 206.3
 98 65.1 50.2 75.4





#13

Acrolein

Concen: 58.53 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

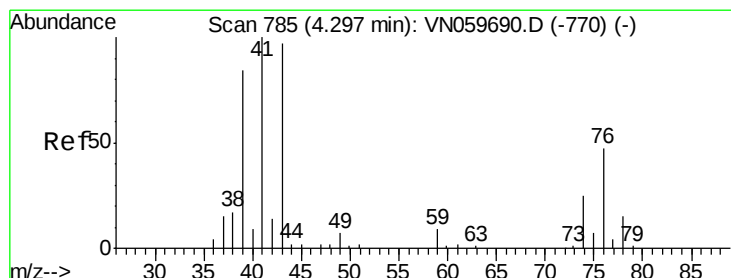
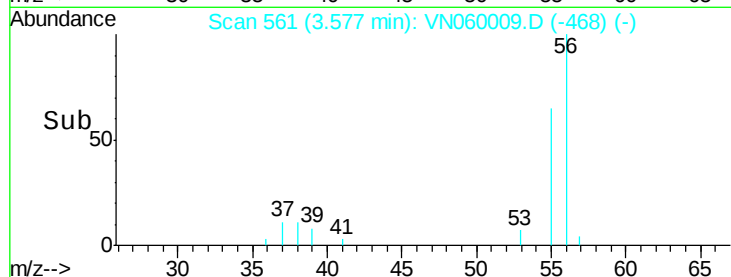
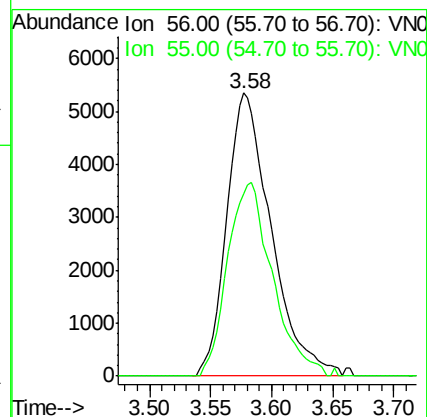
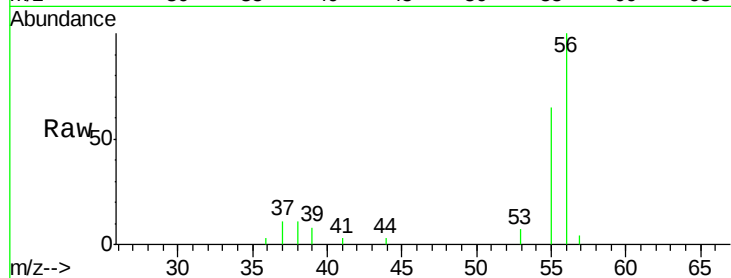
VN0206WBSD01

Tgt Ion: 56 Resp: 13600

Ion Ratio Lower Upper

56 100

55 68.9 58.6 88.0



#14

Allyl chloride

Concen: 20.92 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

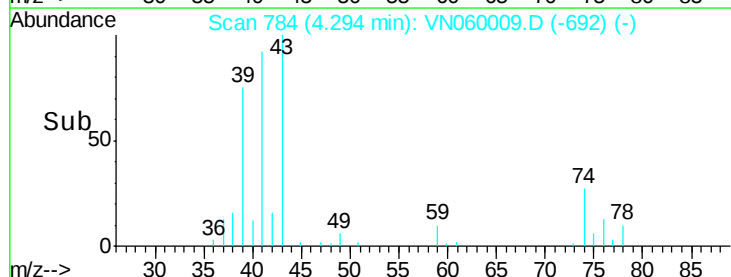
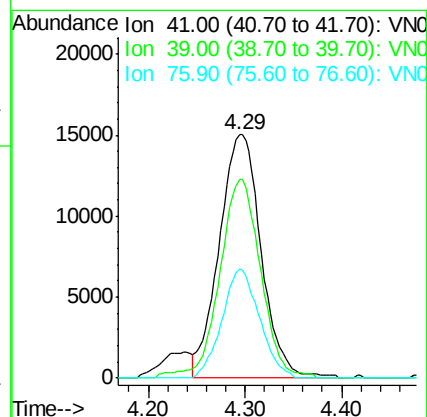
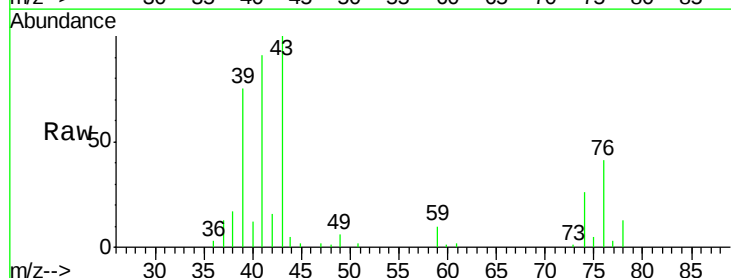
Tgt Ion: 41 Resp: 45287

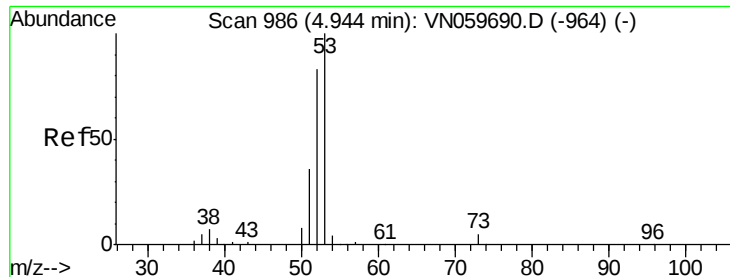
Ion Ratio Lower Upper

41 100

39 79.9 57.8 86.8

76 40.1 25.4 38.0#





#15

Acrylonitrile

Concen: 108.70 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

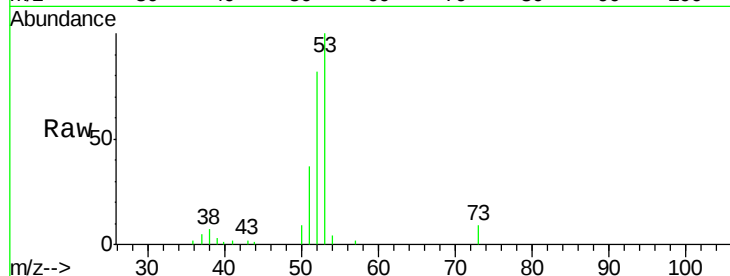
Tgt Ion: 53 Resp: 81386

Ion Ratio Lower Upper

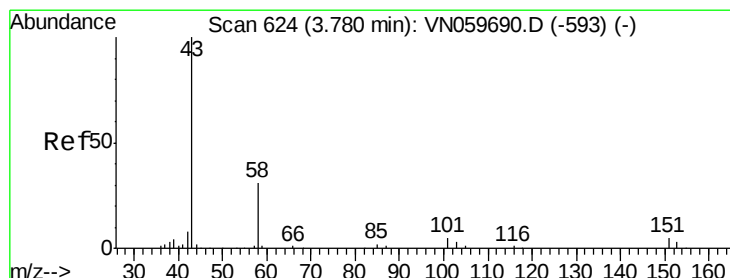
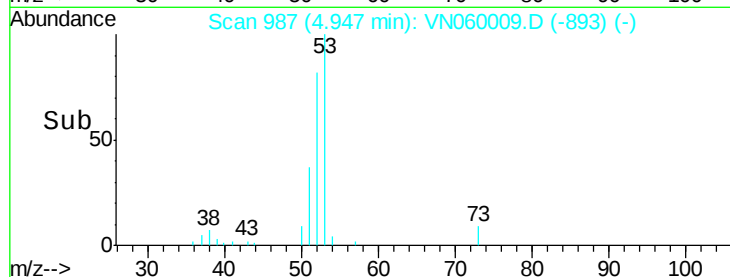
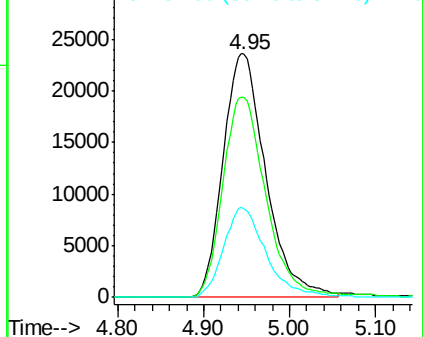
53 100

52 82.6 66.3 99.5

51 36.6 29.7 44.5



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



#16

Acetone

Concen: 131.27 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060009.D

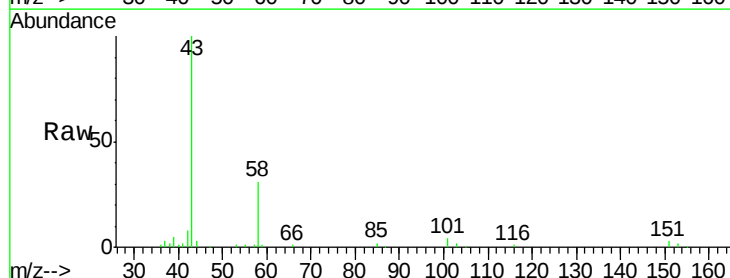
Acq: 6 Feb 2020 11:53

Tgt Ion: 43 Resp: 90459

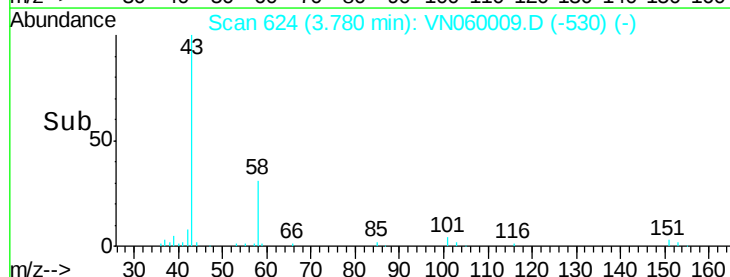
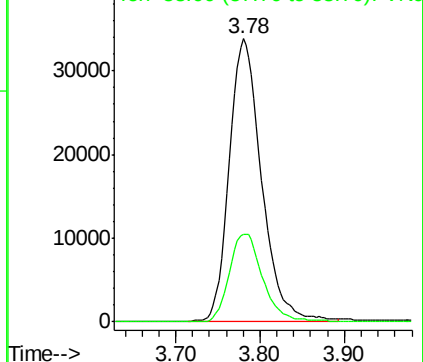
Ion Ratio Lower Upper

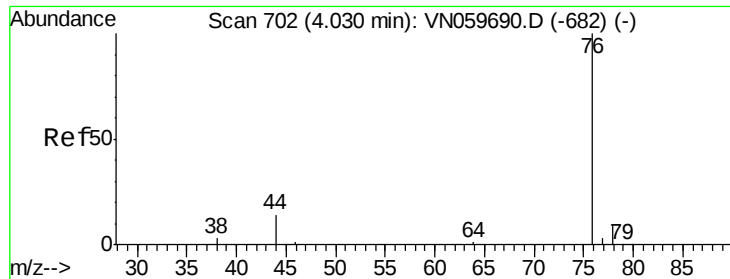
43 100

58 30.9 23.6 35.4



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

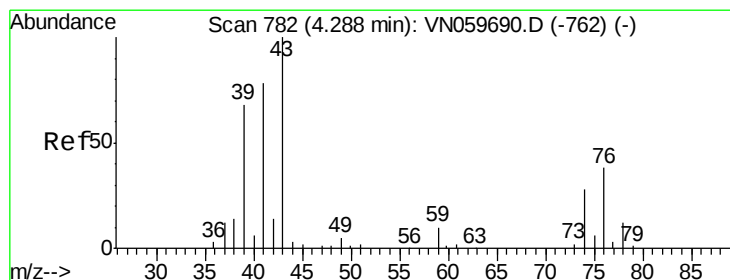
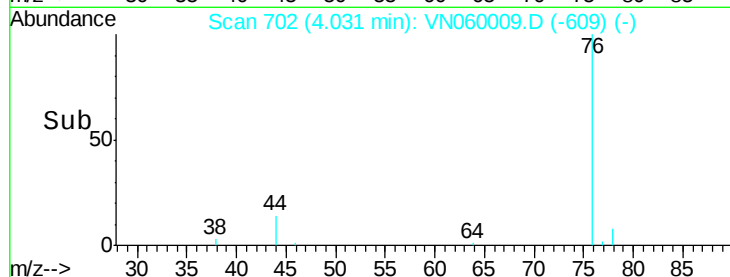
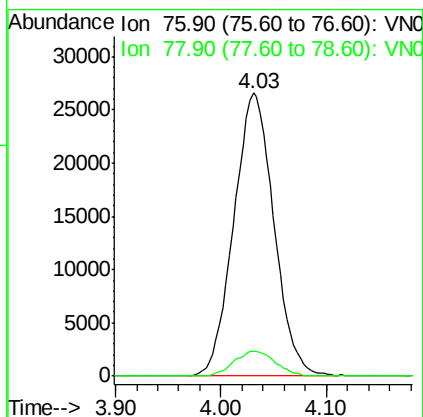
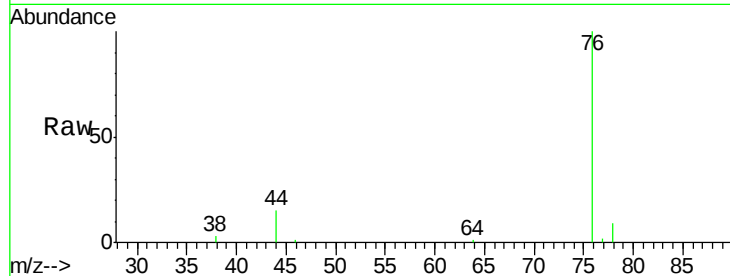




#17
Carbon Disulfide
Concen: 15.35 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

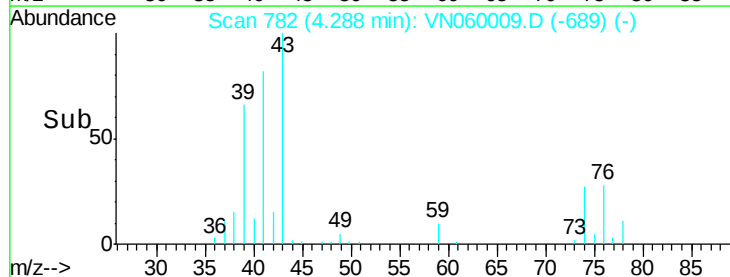
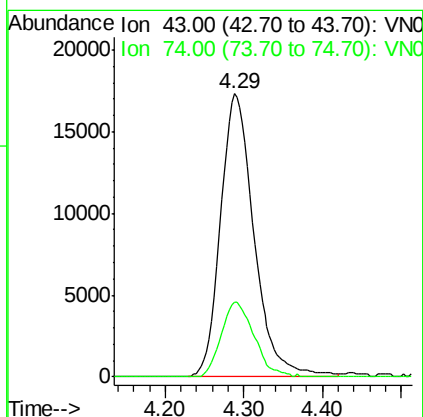
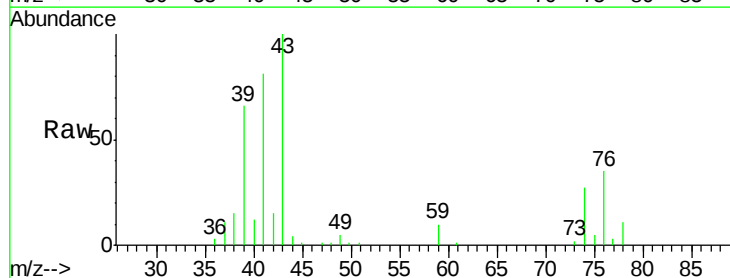
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion: 76 Resp: 70232
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 22.45 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 43 Resp: 51140
Ion Ratio Lower Upper
43 100
74 25.9 17.5 26.3

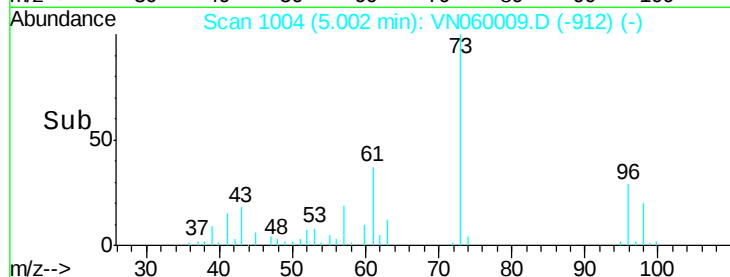
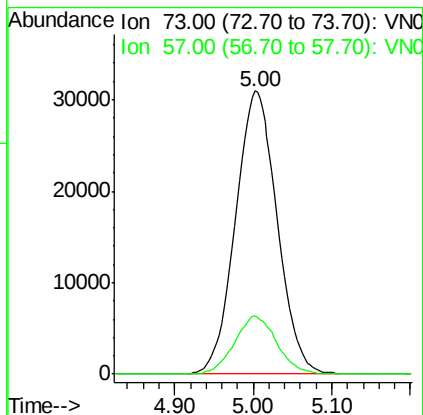
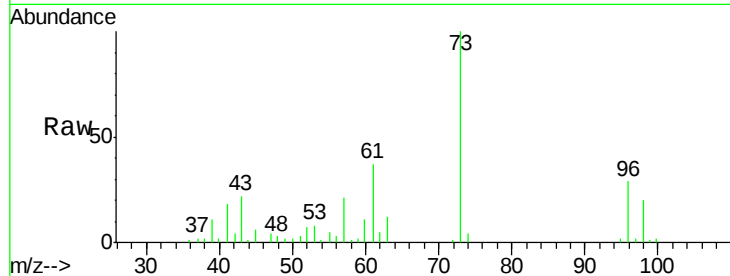




#19
Methyl tert-butyl Ether
Concen: 21.94 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

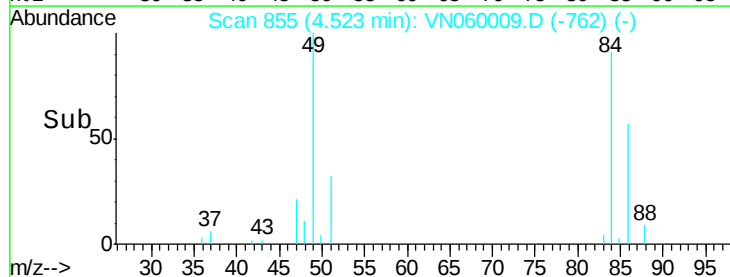
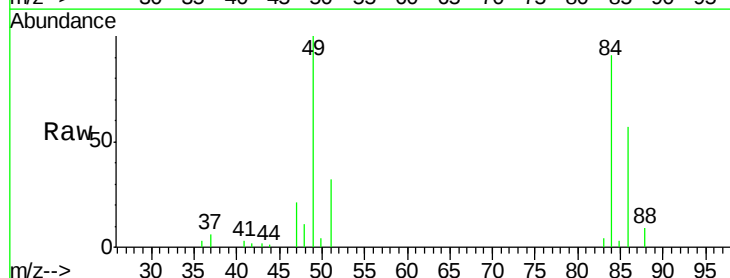
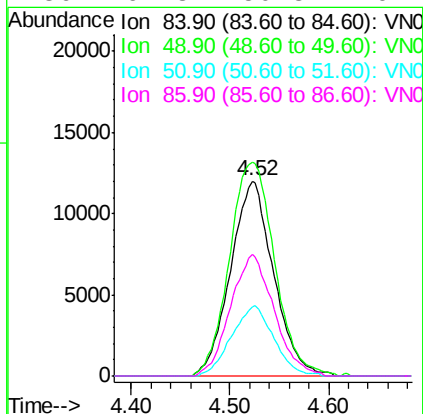
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

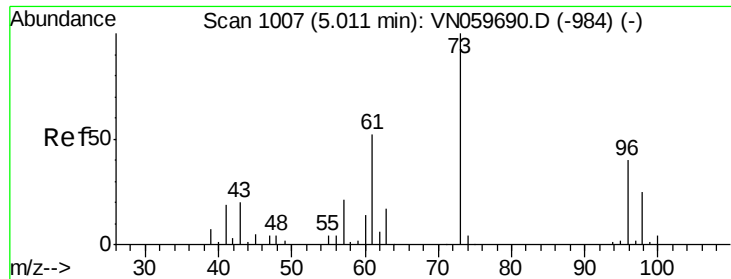
Tgt Ion: 73 Resp: 114915
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8



#20
Methylene Chloride
Concen: 19.85 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 84 Resp: 36386
Ion Ratio Lower Upper
84 100
49 109.6 106.6 160.0
51 35.5 31.9 47.9
86 62.3 50.8 76.2

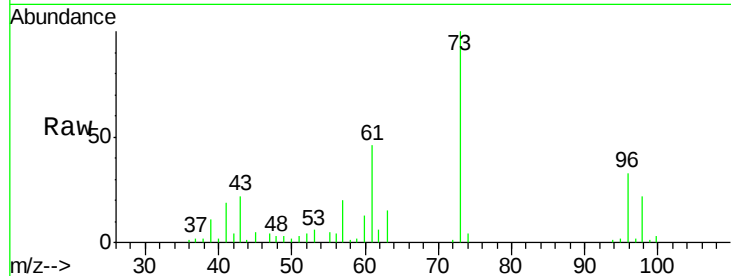




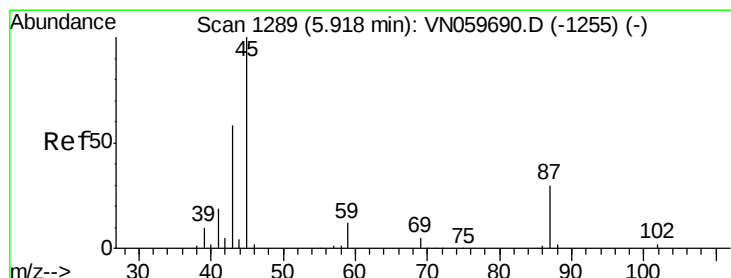
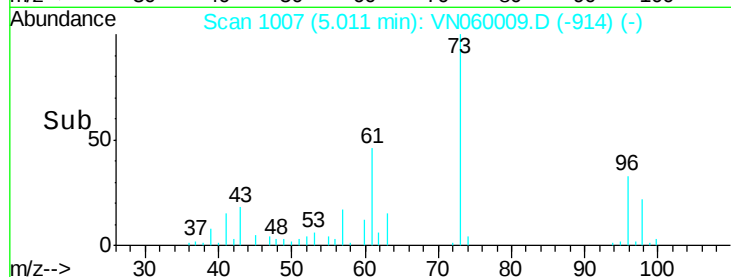
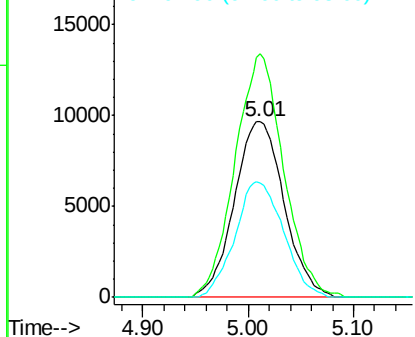
#21
trans-1,2-Dichloroethene
Concen: 18.54 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion: 96 Resp: 31654
Ion Ratio Lower Upper
96 100
61 138.6 120.4 180.6
98 64.8 50.6 75.8

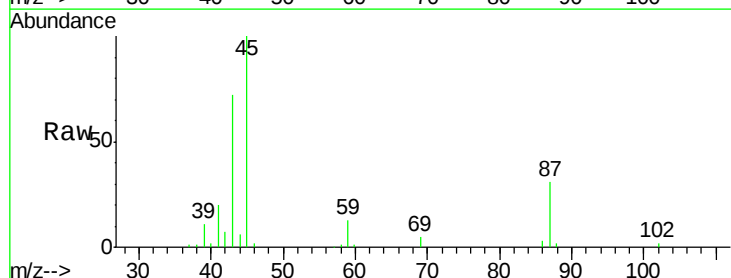


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

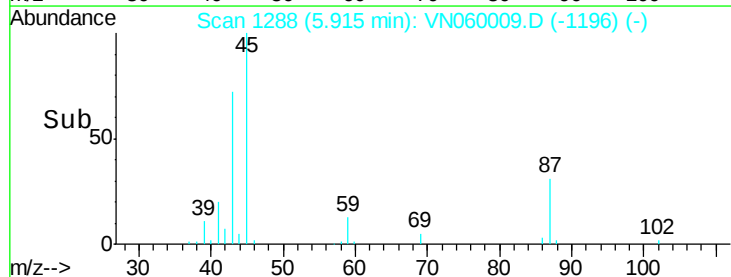
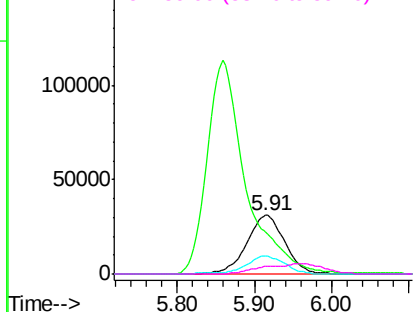


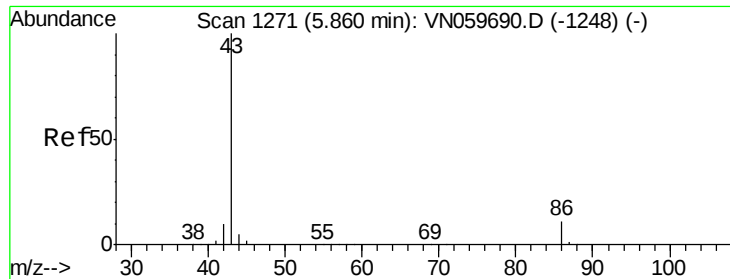
#22
Diisopropyl ether
Concen: 21.65 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 45 Resp: 106215
Ion Ratio Lower Upper
45 100
43 68.9 50.8 76.2
87 31.3 21.0 31.6
59 13.2 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

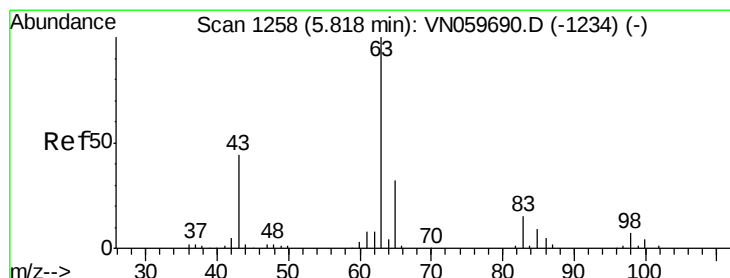
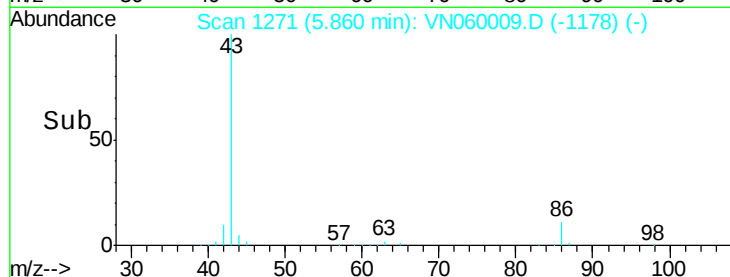
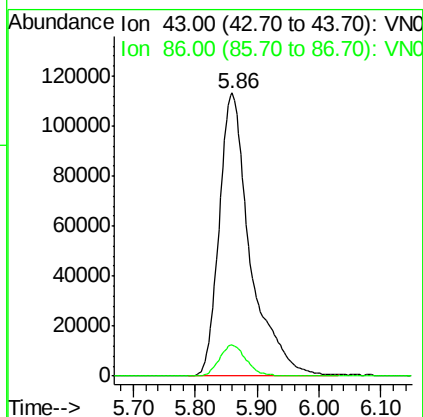
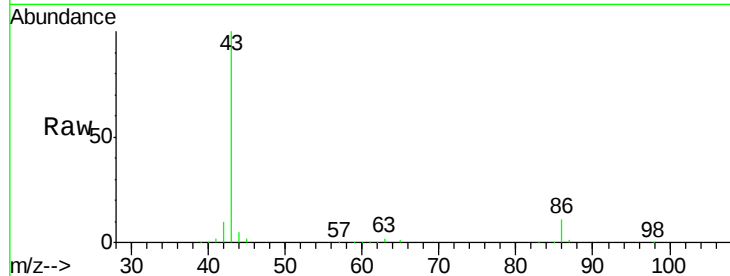




#23
 Vinyl Acetate
 Concen: 104.03 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

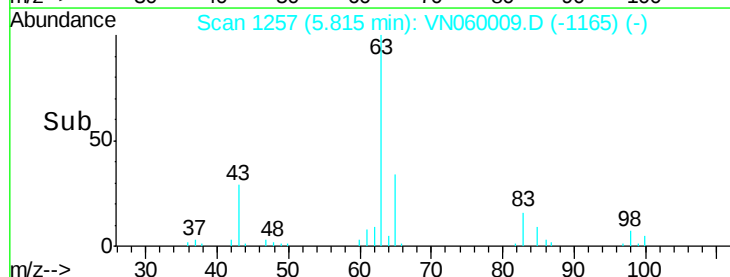
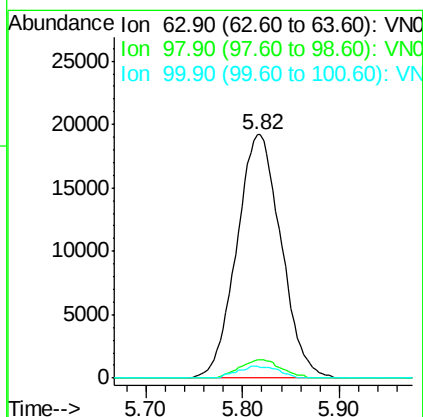
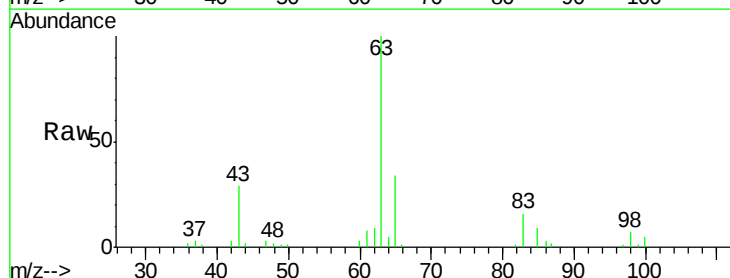
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

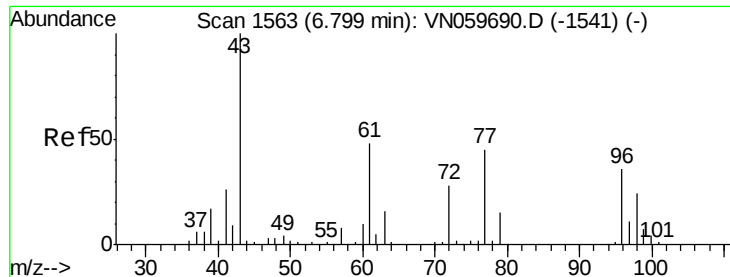
Tgt Ion: 43 Resp: 395183
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.37 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 63 Resp: 61081
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 4.9 2.0 6.0





#25

2-Butanone

Concen: 107.30 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

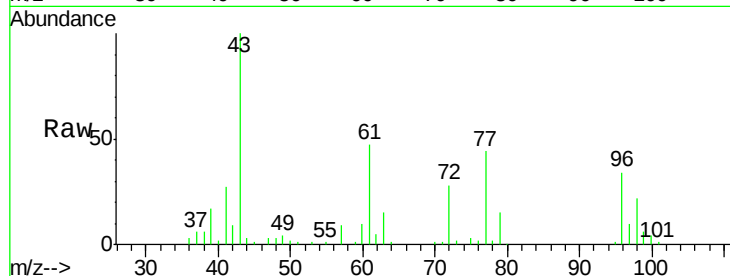
VN0206WBSD01

Tgt Ion: 43 Resp: 118479

Ion Ratio Lower Upper

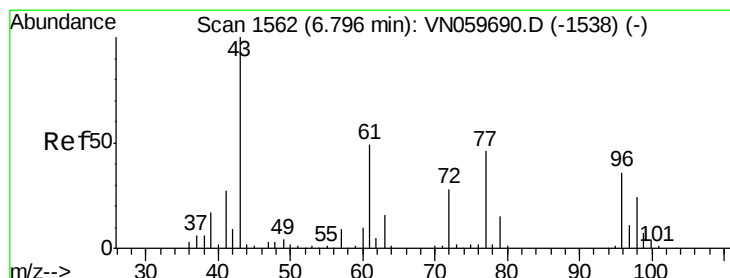
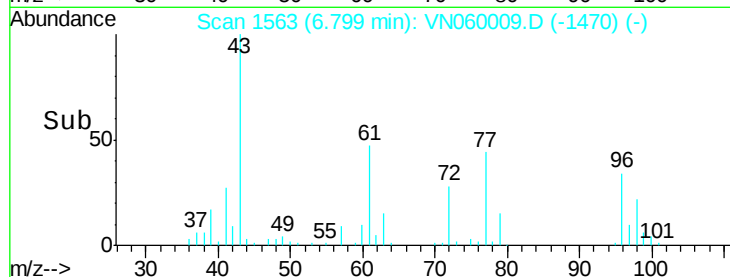
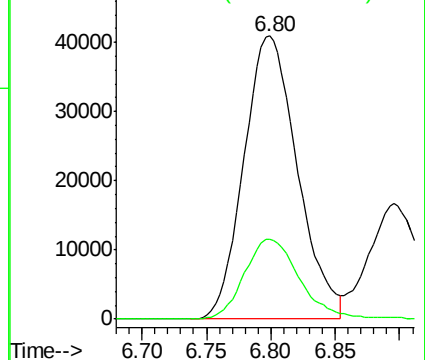
43 100

72 28.3 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: 20.24 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060009.D

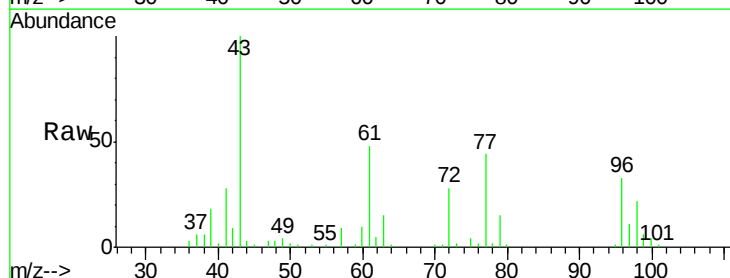
Acq: 6 Feb 2020 11:53

Tgt Ion: 77 Resp: 58343

Ion Ratio Lower Upper

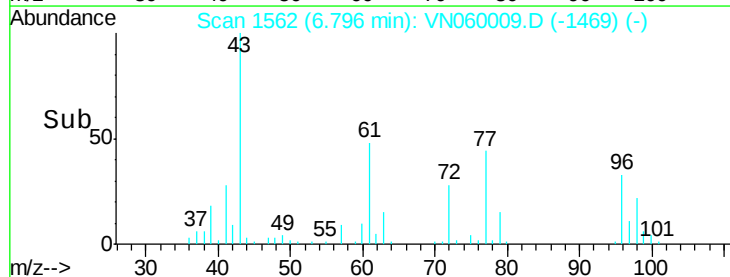
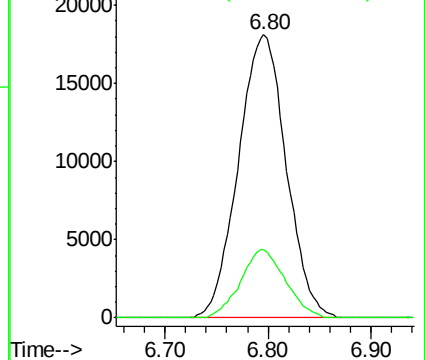
77 100

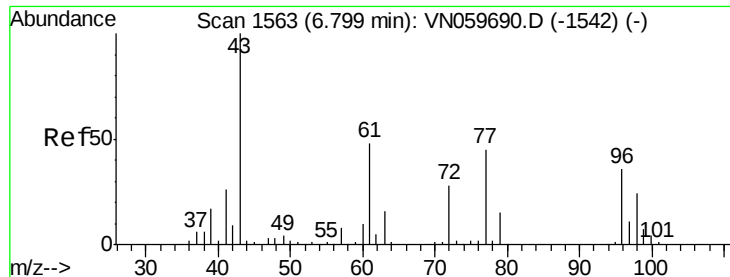
97 22.6 10.7 31.9



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: 20.56 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

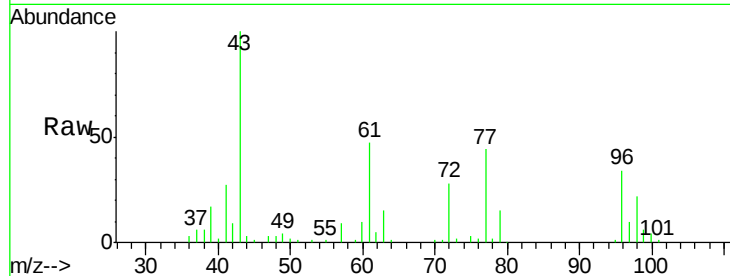
Tgt Ion: 96 Resp: 40372

Ion Ratio Lower Upper

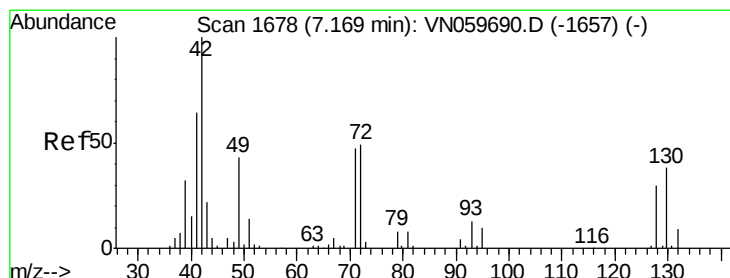
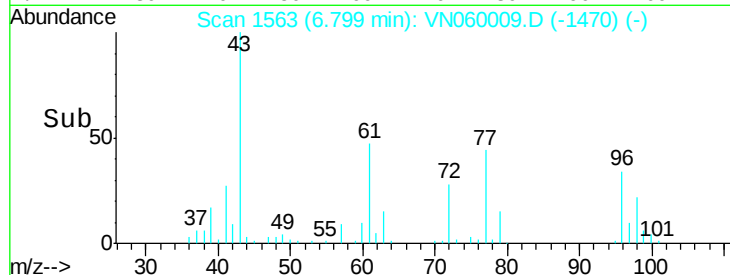
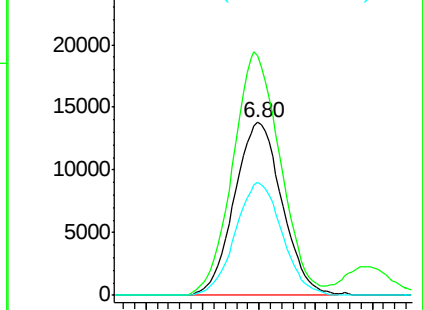
96 100

61 139.9 0.0 317.6

98 64.2 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: 19.92 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

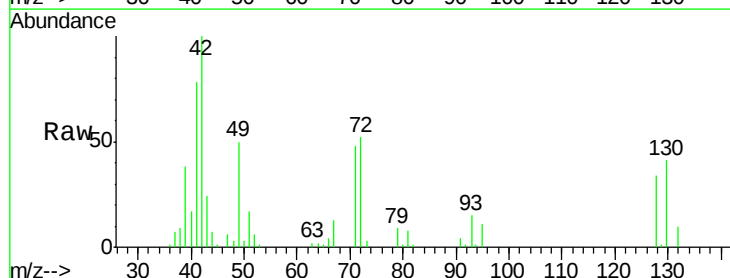
Tgt Ion: 49 Resp: 23869

Ion Ratio Lower Upper

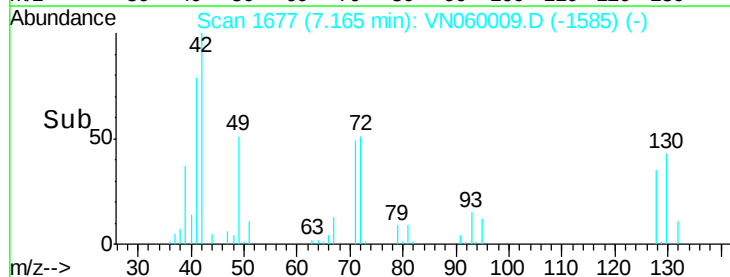
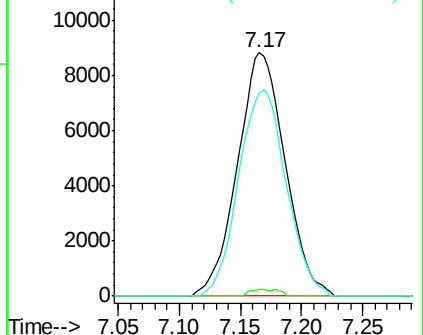
49 100

129 1.0 0.0 3.4

130 84.9 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

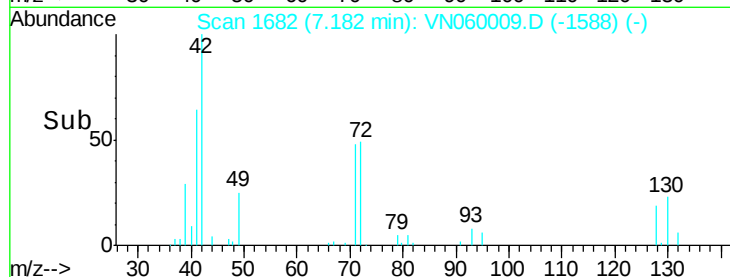
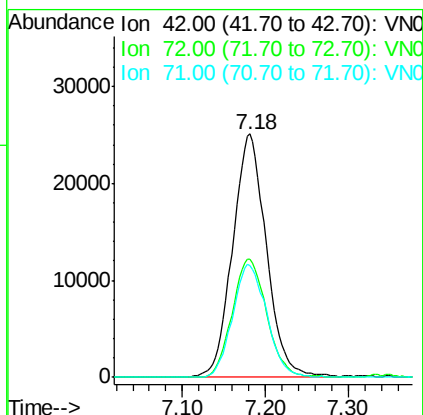
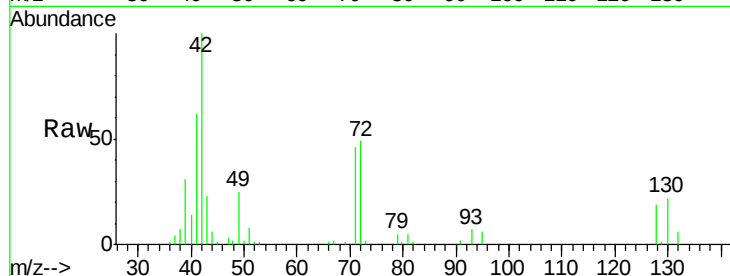




#29
Tetrahydrofuran
Concen: 104.27 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

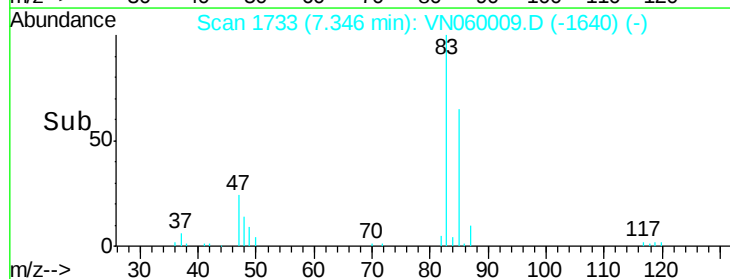
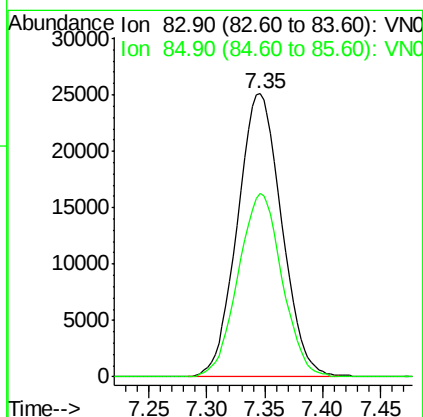
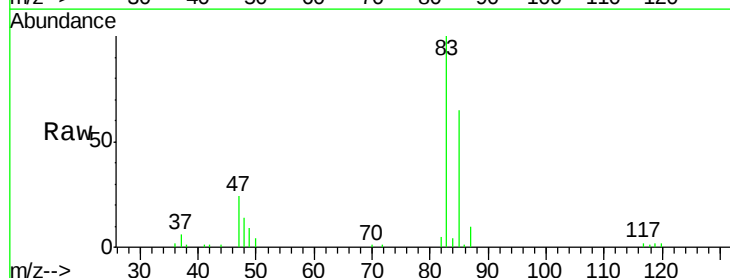
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

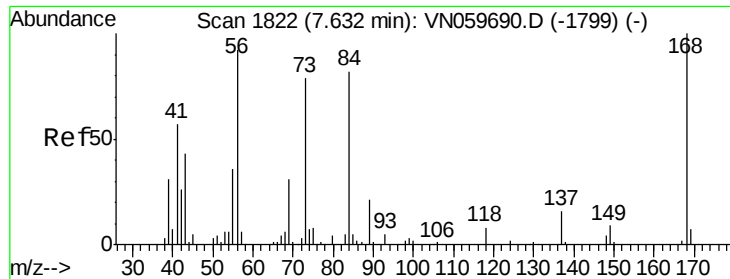
Tgt Ion: 42 Resp: 71236
Ion Ratio Lower Upper
42 100
72 49.2 33.1 49.7
71 46.7 31.4 47.0



#30
Chloroform
Concen: 21.43 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 83 Resp: 66566
Ion Ratio Lower Upper
83 100
85 64.7 52.4 78.6

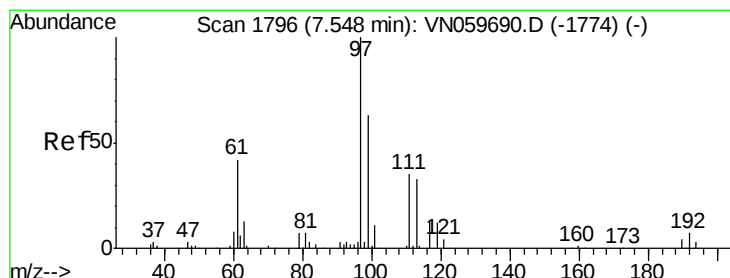
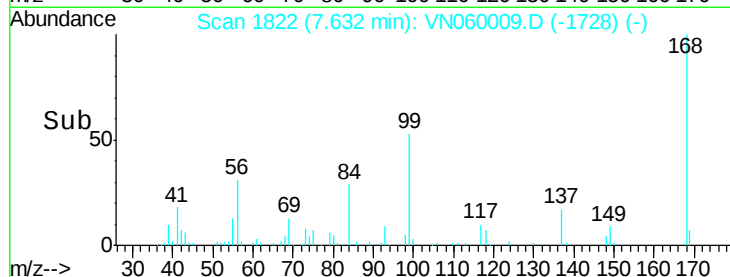
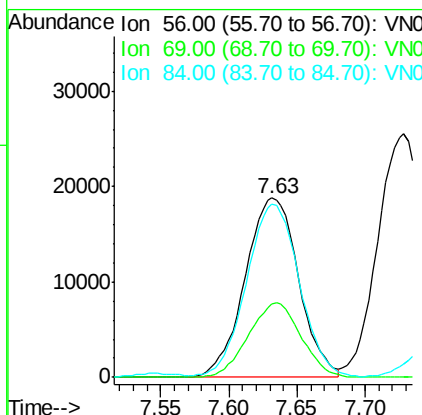
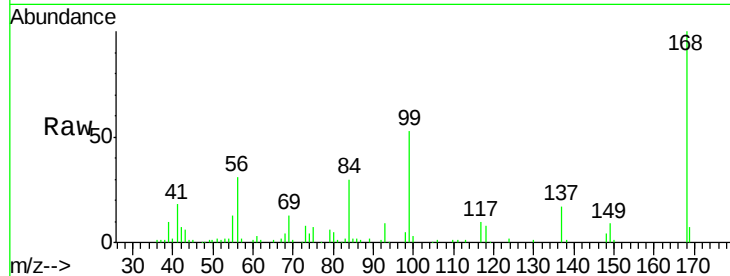




#31
Cyclohexane
Concen: 17.74 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

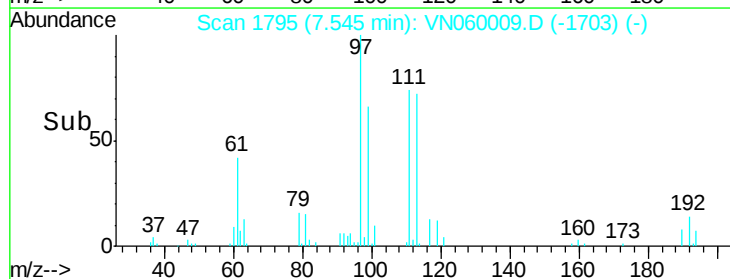
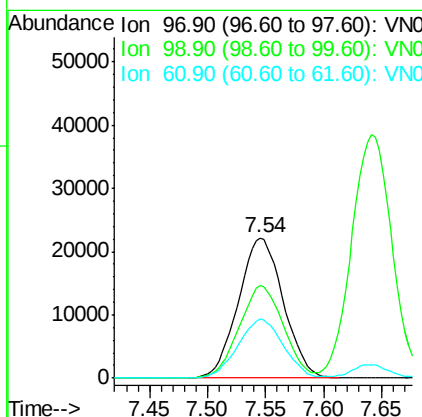
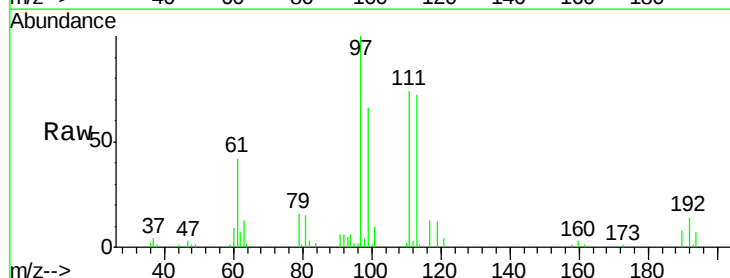
Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tgt Ion: 56 Resp: 51191
Ion Ratio Lower Upper
56 100
69 41.1 26.5 39.7#
84 95.7 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 20.77 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 97 Resp: 59646
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 42.3 38.5 57.7

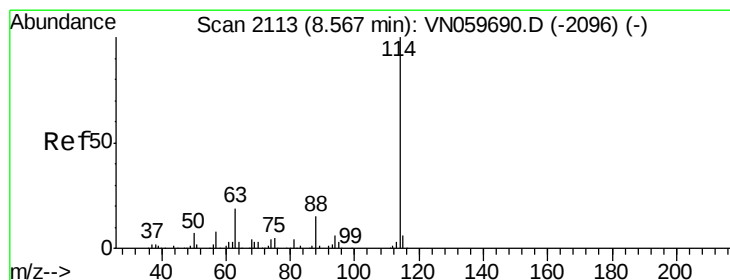
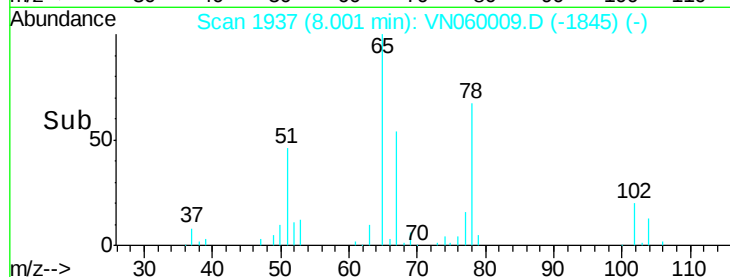
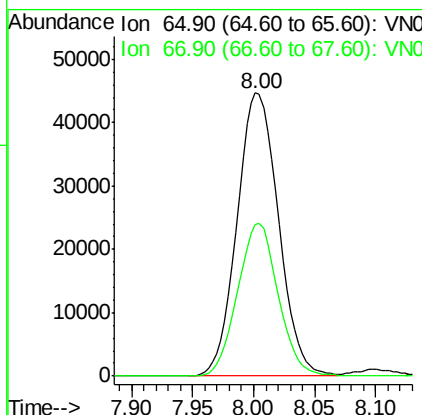
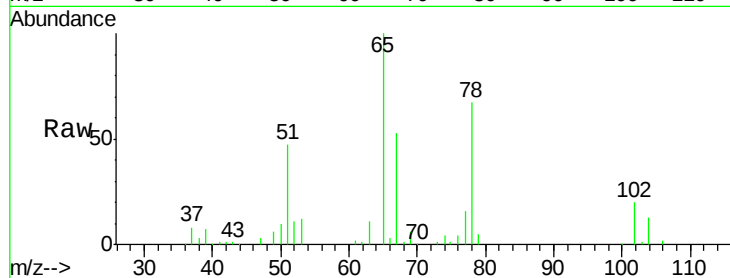




#33
 1,2-Dichloroethane-d4
 Concen: 53.86 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

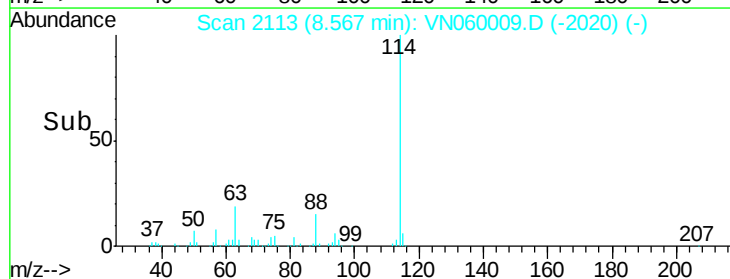
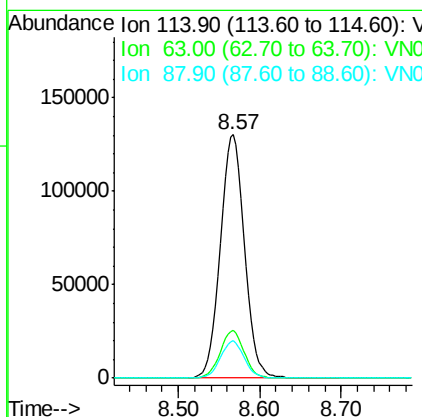
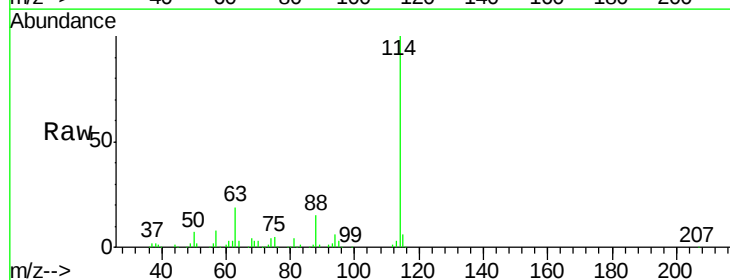
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

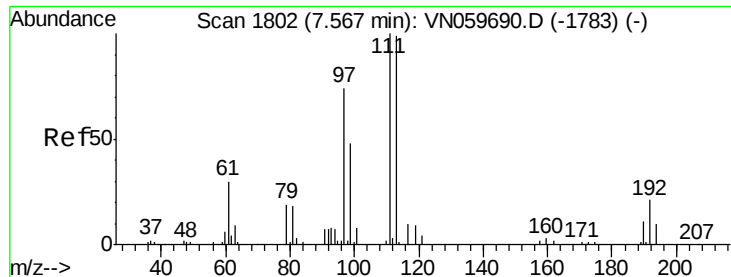
Tgt Ion: 65 Resp: 105024
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 114 Resp: 273580
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.6
 88 15.2 0.0 31.4

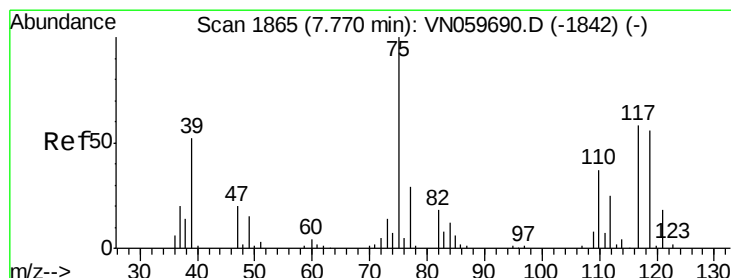
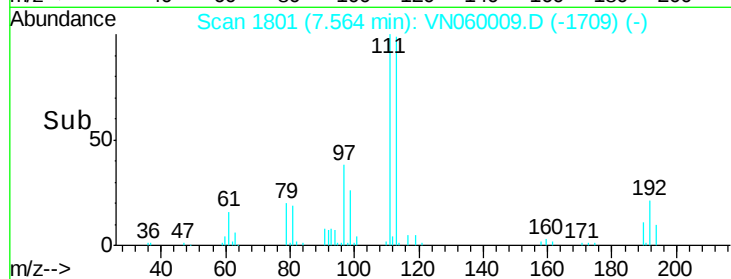
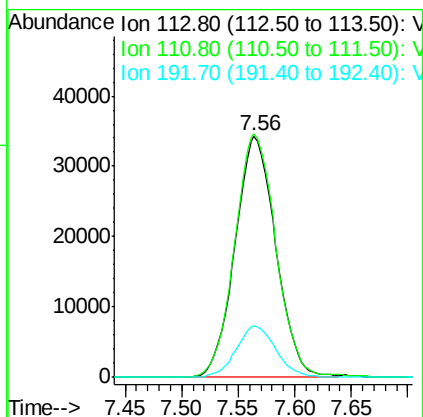
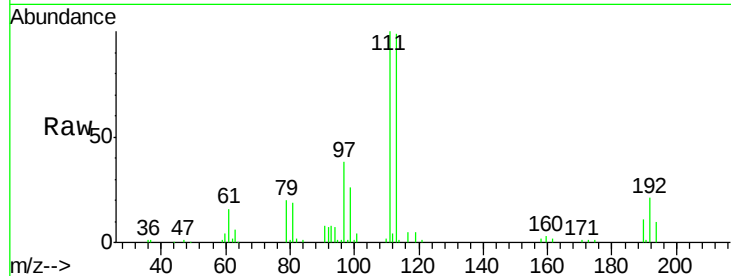




#35
 Dibromofluoromethane
 Concen: 52.68 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

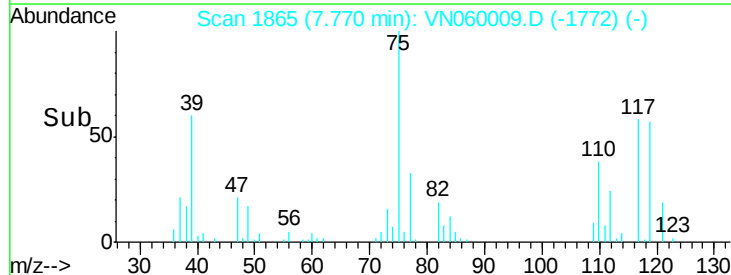
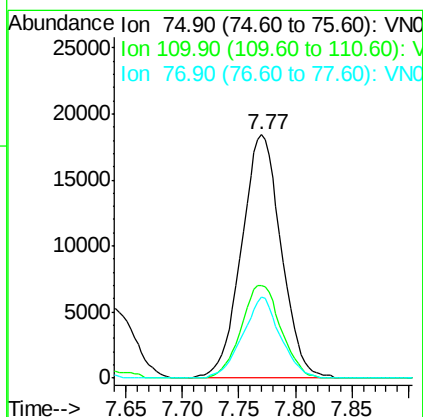
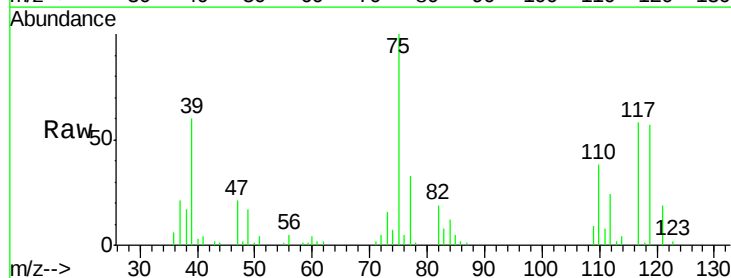
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tgt Ion: 113 Resp: 85954
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 20.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 18.87 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 75 Resp: 44949
 Ion Ratio Lower Upper
 75 100
 110 38.3 16.6 49.7
 77 31.5 25.1 37.7

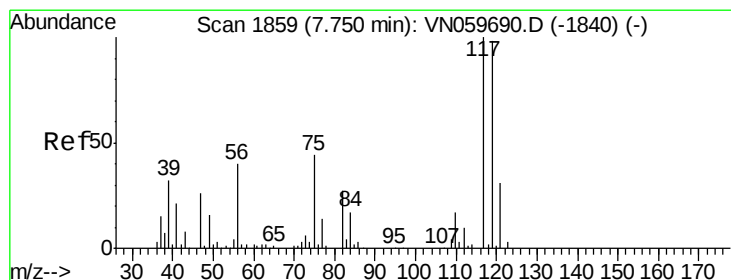
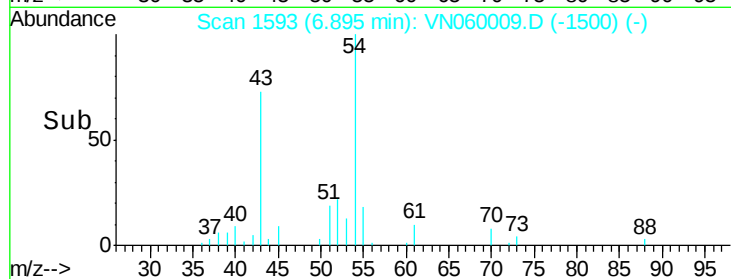
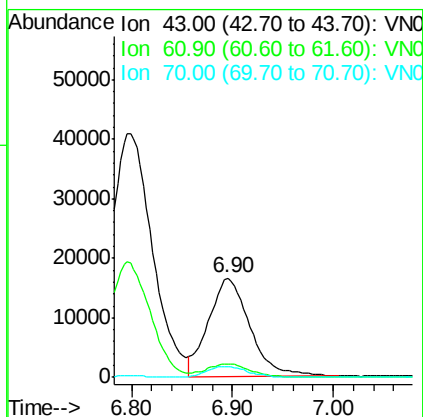
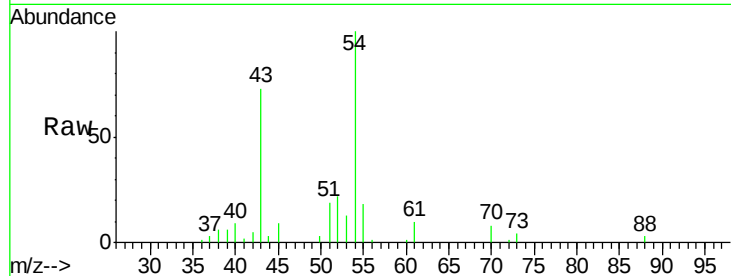




#37
Ethyl Acetate
Concen: 21.05 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

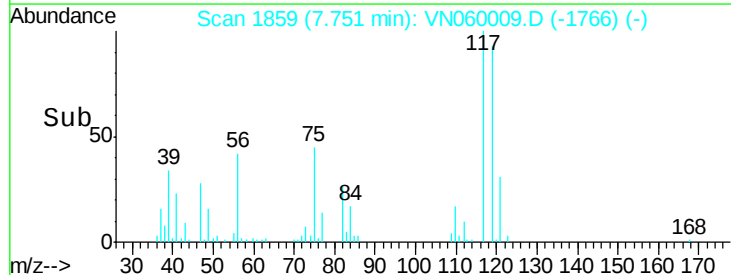
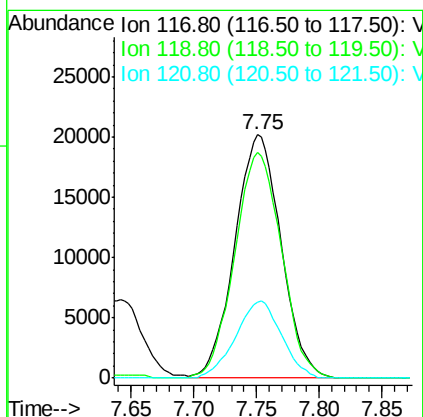
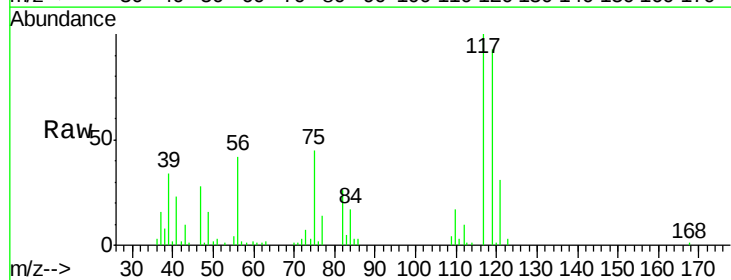
Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

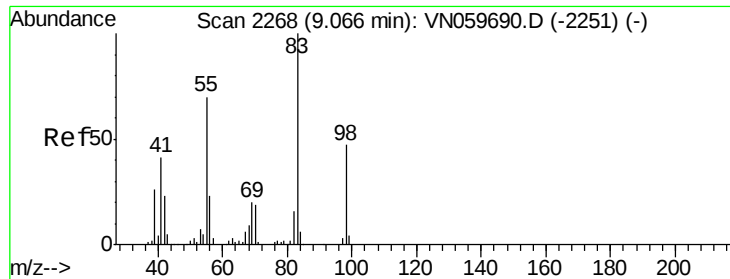
Tgt Ion: 43 Resp: 47031
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 10.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.96 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 117 Resp: 51725
Ion Ratio Lower Upper
117 100
119 92.6 76.5 114.7
121 31.2 25.1 37.7

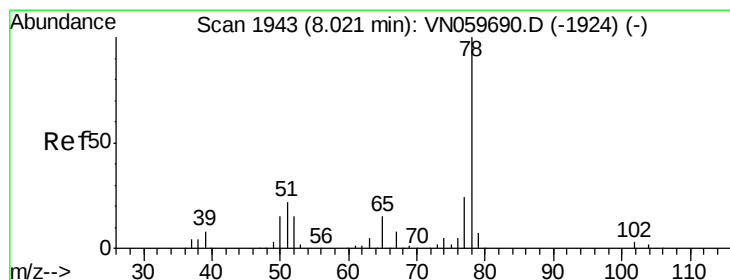
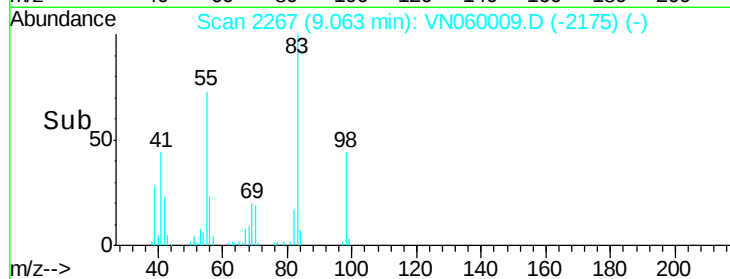
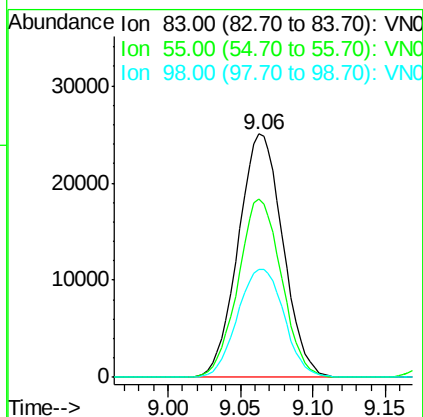
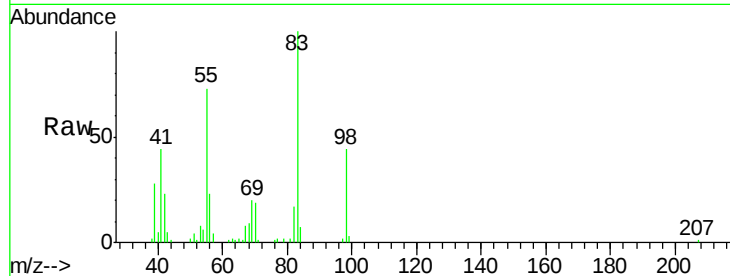




#39
Methylcyclohexane
Concen: 18.25 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

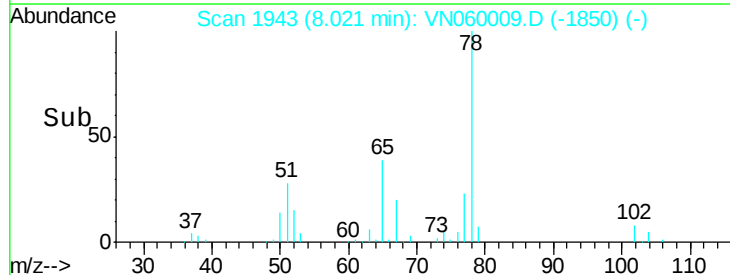
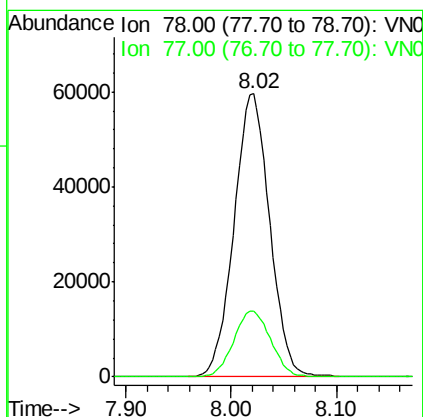
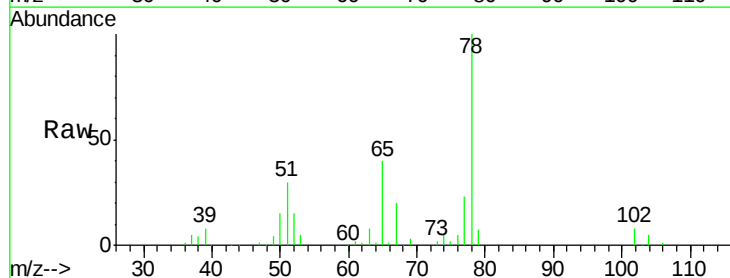
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion: 83 Resp: 53608
Ion Ratio Lower Upper
83 100
55 73.4 64.2 96.2
98 44.2 35.9 53.9



#40
Benzene
Concen: 19.71 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 78 Resp: 140072
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

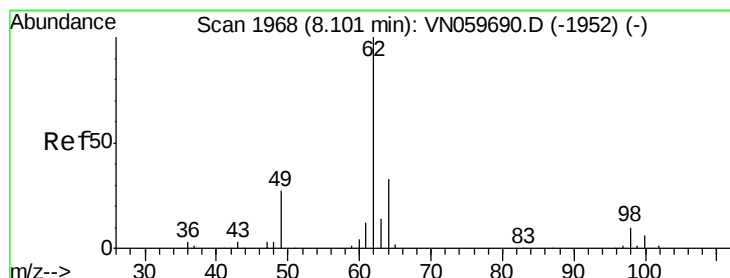
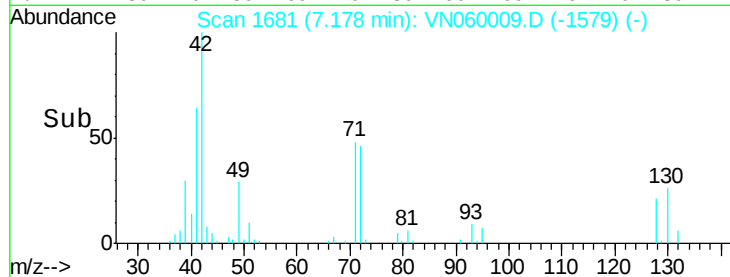
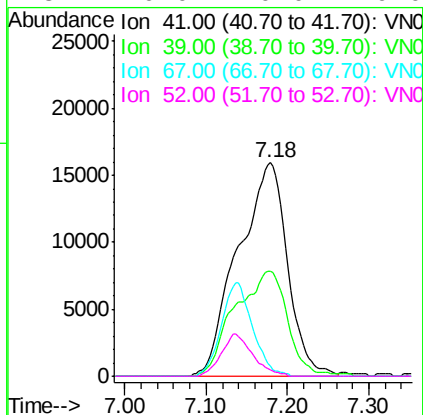
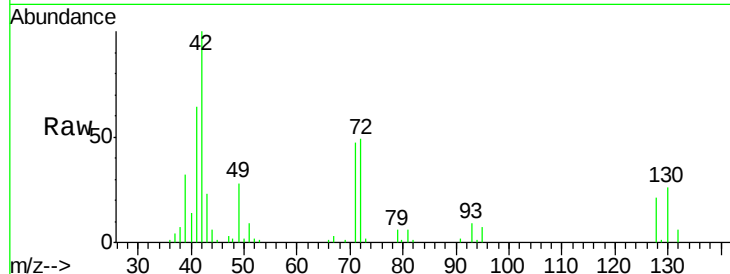




#41
Methacrylonitrile
Concen: 61.02 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

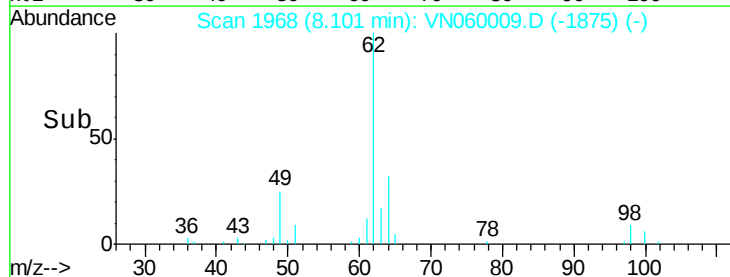
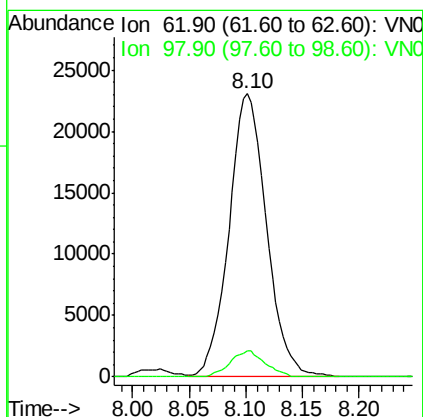
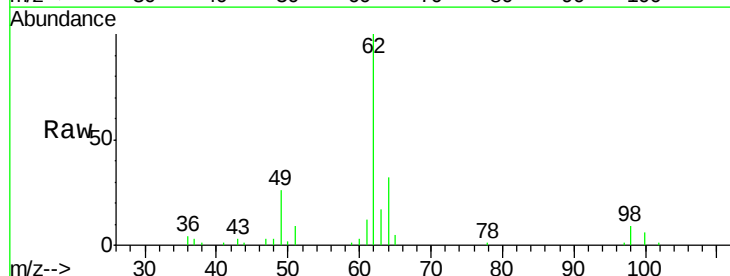
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

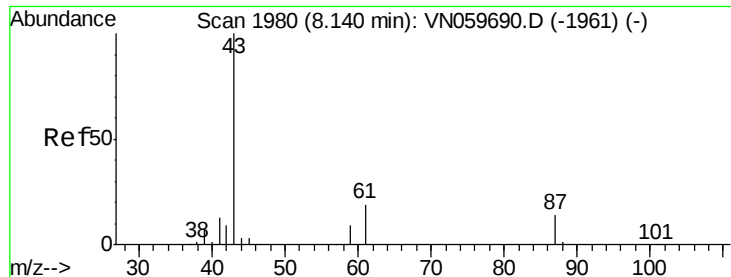
Tgt Ion: 41 Resp: 67158
Ion Ratio Lower Upper
41 100
39 52.5 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.15 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 62 Resp: 53364
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 20.72 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

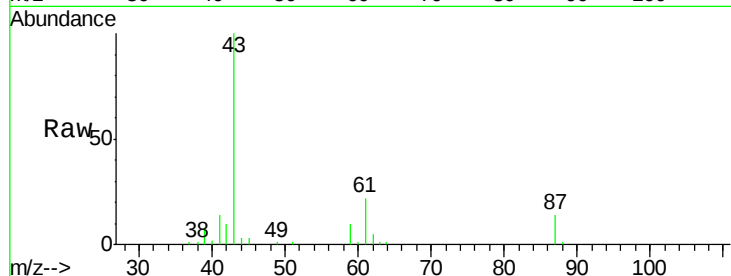
Tgt Ion: 43 Resp: 79641

Ion Ratio Lower Upper

43 100

61 27.9 20.2 30.2

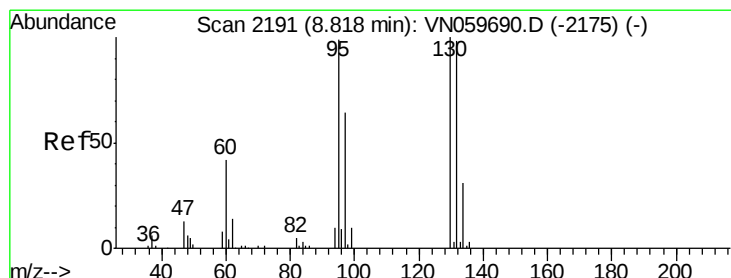
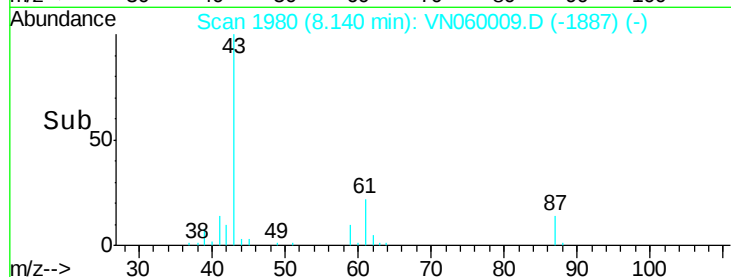
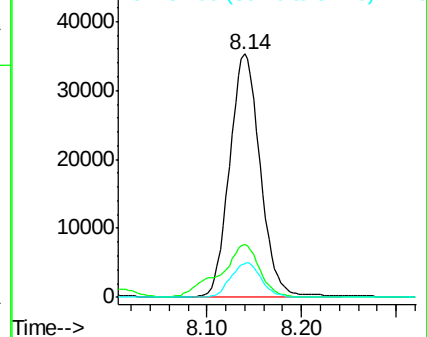
87 14.0 9.5 14.3



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: 20.61 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060009.D

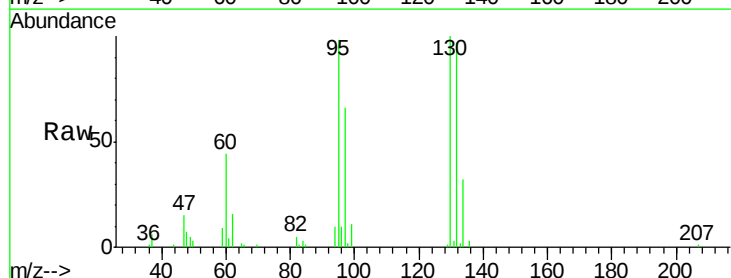
Acq: 6 Feb 2020 11:53

Tgt Ion: 130 Resp: 39986

Ion Ratio Lower Upper

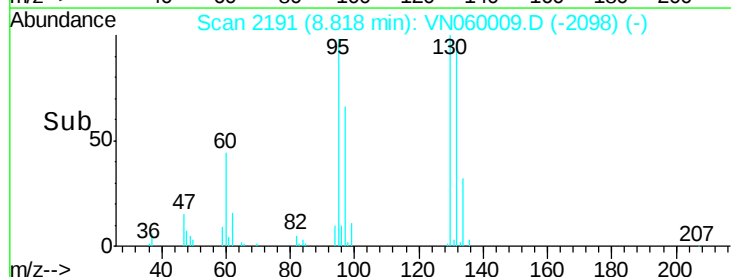
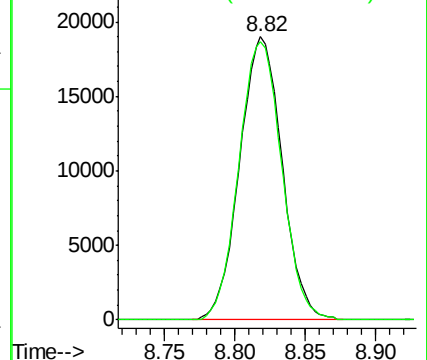
130 100

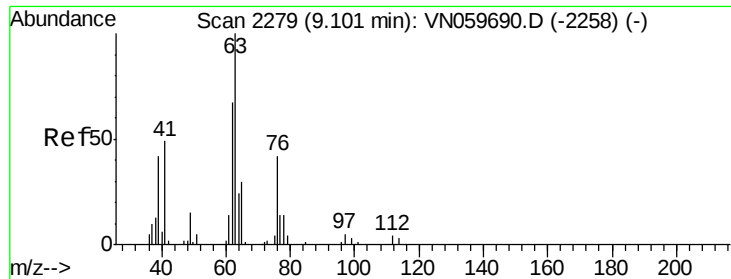
95 98.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

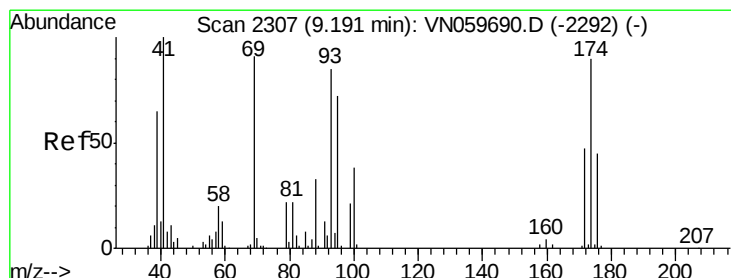
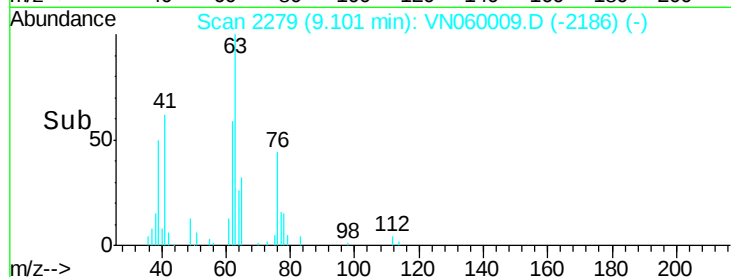
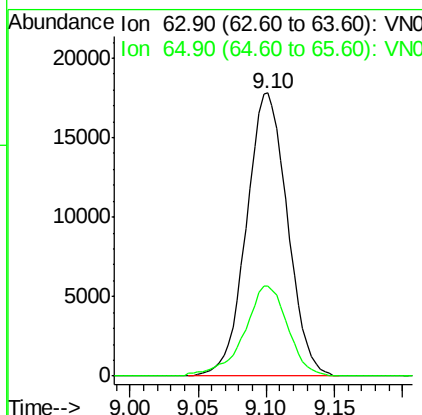
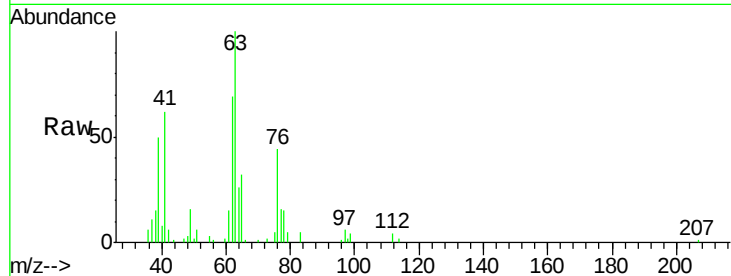




#45
 1,2-Dichloropropane
 Concen: 21.10 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

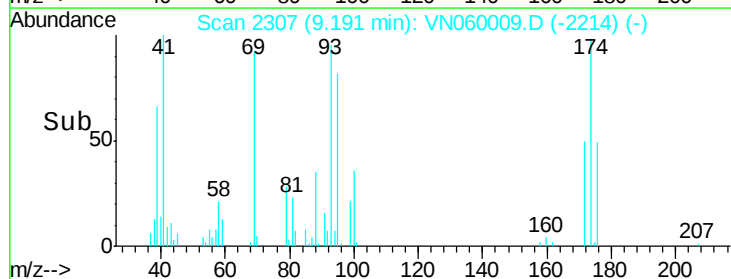
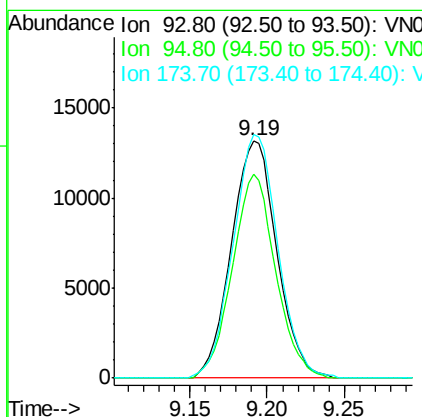
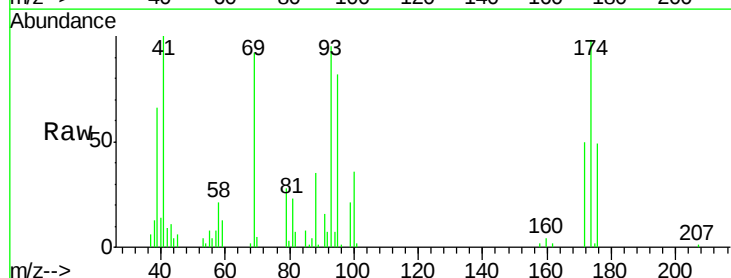
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tgt Ion: 63 Resp: 37098
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.9 37.3



#46
 Dibromomethane
 Concen: 21.72 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 93 Resp: 26936
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.0 100.6
 174 101.4 73.4 110.2

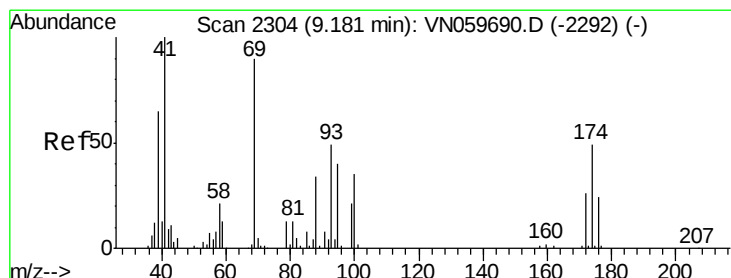
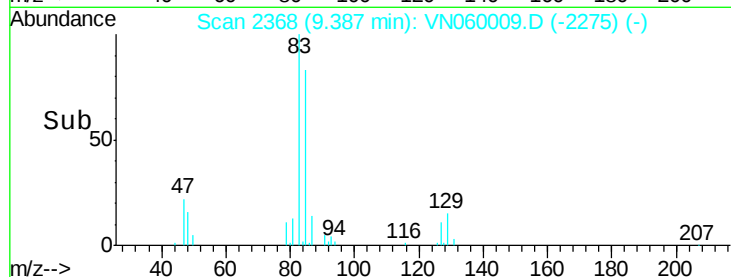
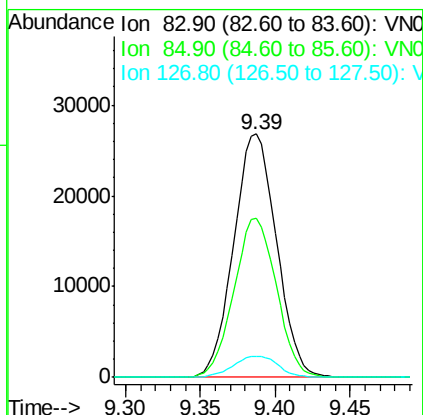
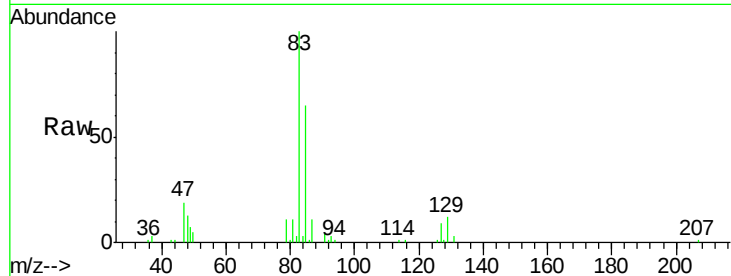




#47
 Bromodichloromethane
 Concen: 21.37 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

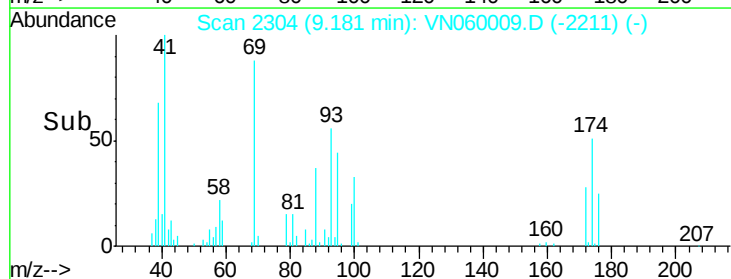
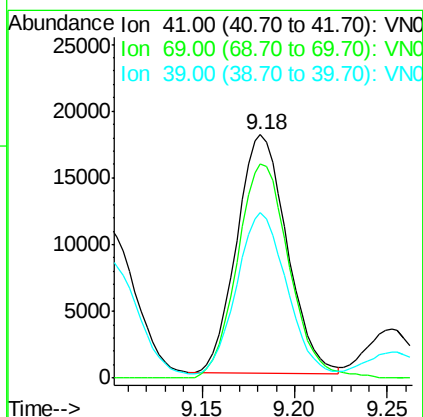
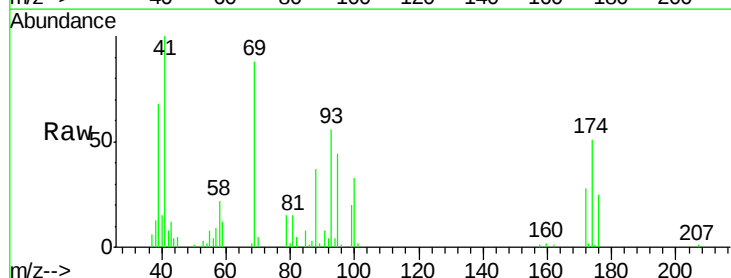
Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

Tgt Ion: 83 Resp: 53422
 Ion Ratio Lower Upper
 83 100
 85 65.2 51.1 76.7
 127 8.7 6.6 9.8



#48
 Methyl methacrylate
 Concen: 19.64 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 41 Resp: 33760
 Ion Ratio Lower Upper
 41 100
 69 92.8 64.4 96.6
 39 67.5 51.3 76.9





#49

1,4-Dioxane

Concen: 448.69 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

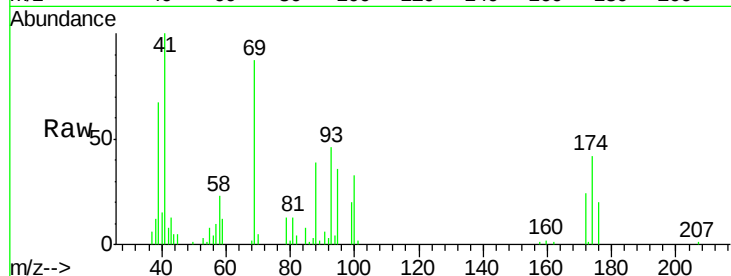
Tgt Ion: 88 Resp: 14121

Ion Ratio Lower Upper

88 100

43 32.0 29.7 44.5

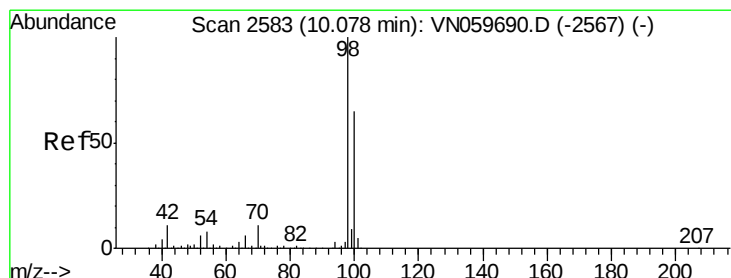
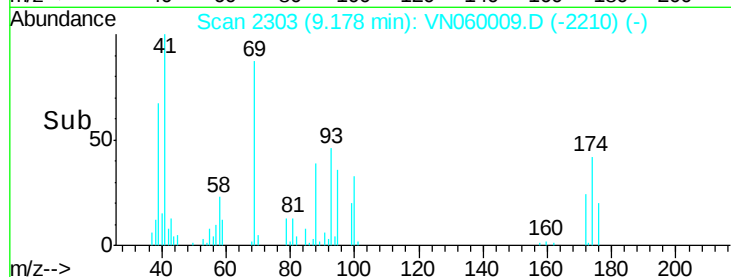
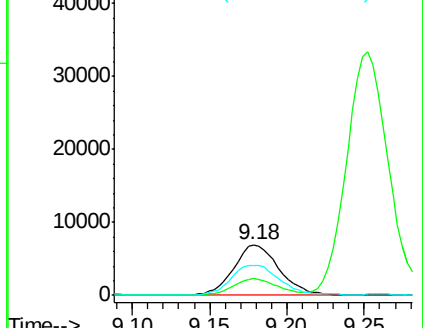
58 63.9 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.78 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060009.D

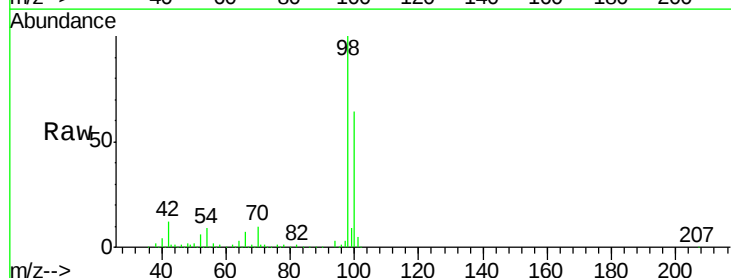
Acq: 6 Feb 2020 11:53

Tgt Ion: 98 Resp: 320989

Ion Ratio Lower Upper

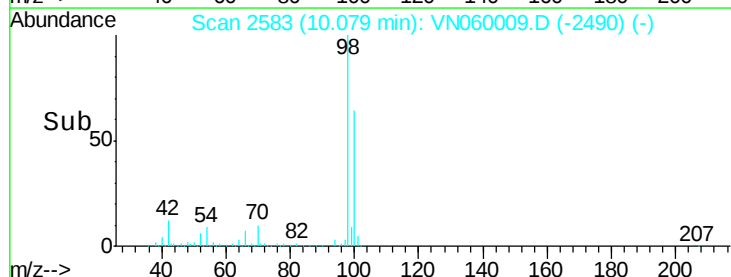
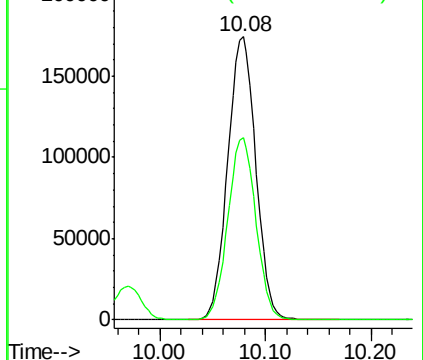
98 100

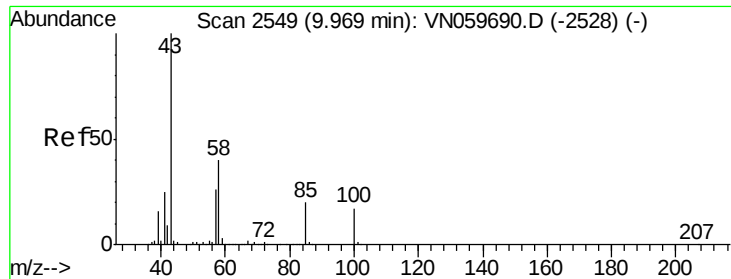
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

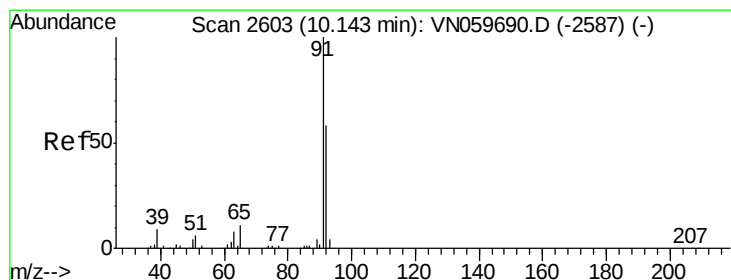
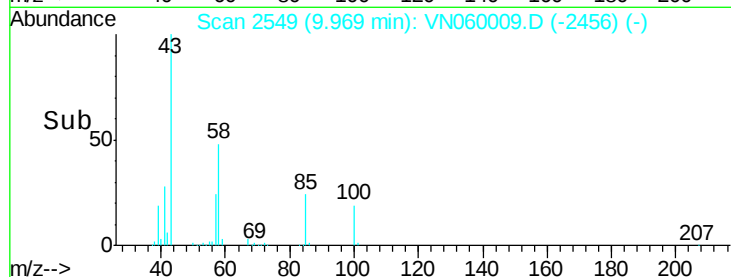
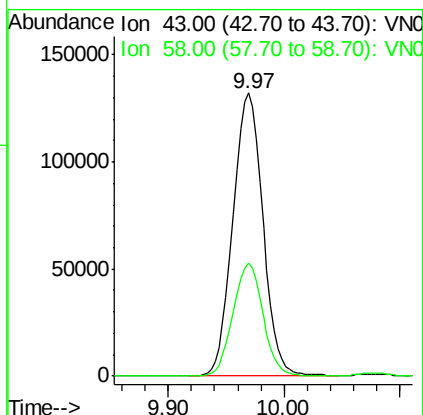
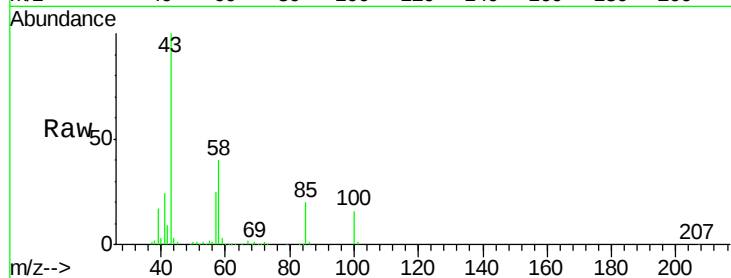




#51
 4-Methyl-2-Pentanone
 Concen: 106.74 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

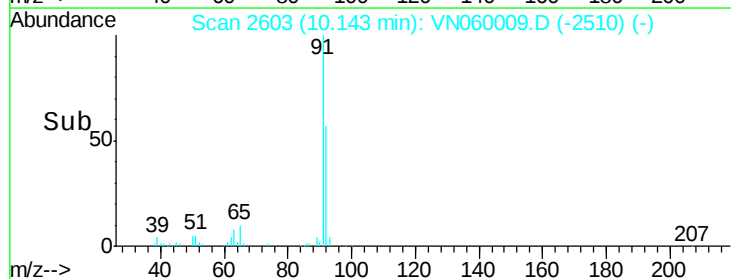
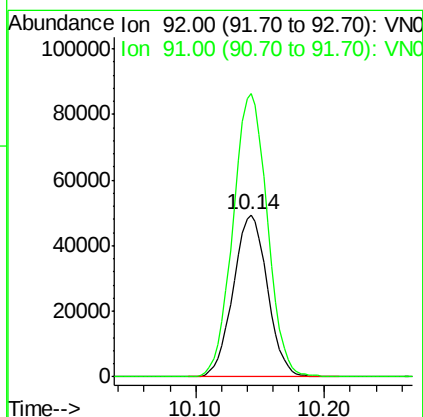
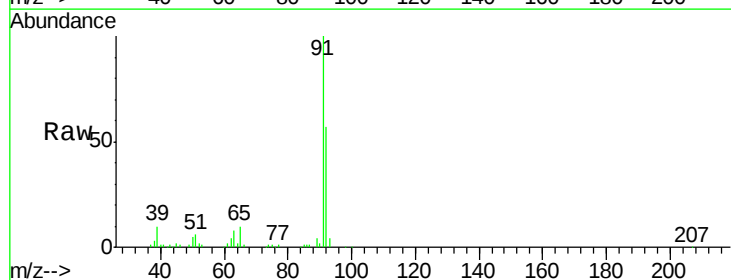
Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

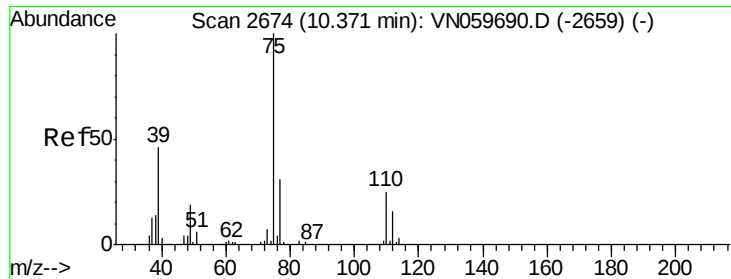
Tgt Ion: 43 Resp: 237148
 Ion Ratio Lower Upper
 43 100
 58 39.6 29.8 44.8



#52
 Toluene
 Concen: 20.27 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 92 Resp: 90975
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.45 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

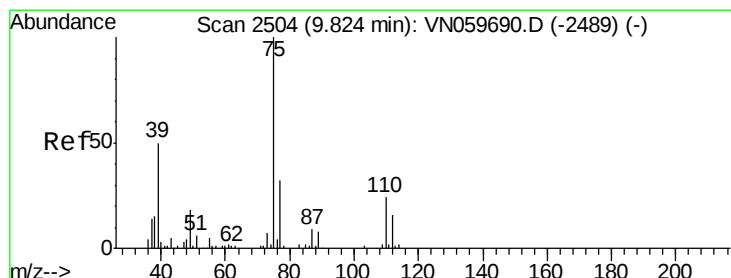
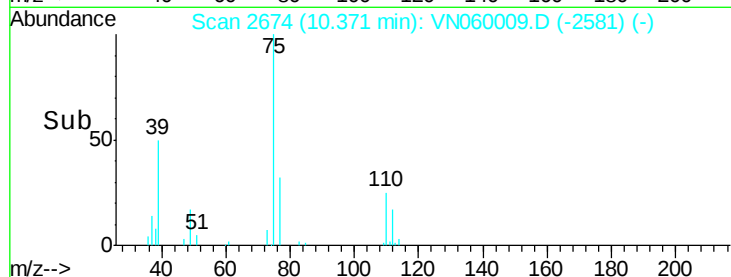
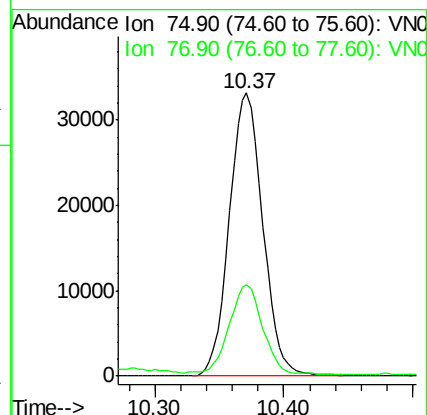
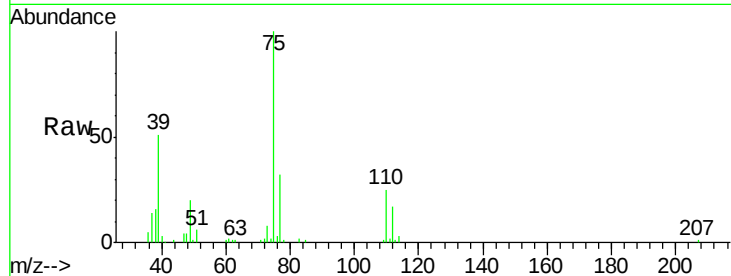
VN0206WBSD01

Tgt Ion: 75 Resp: 59847

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.63 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

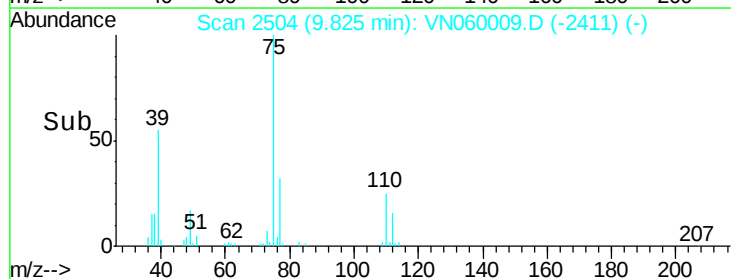
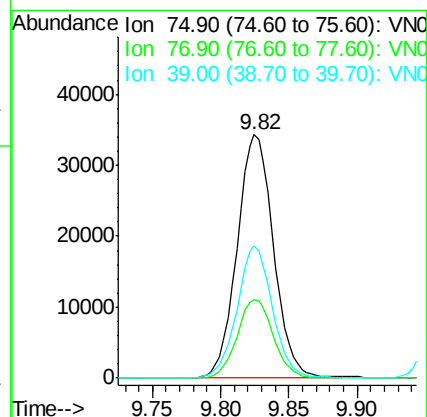
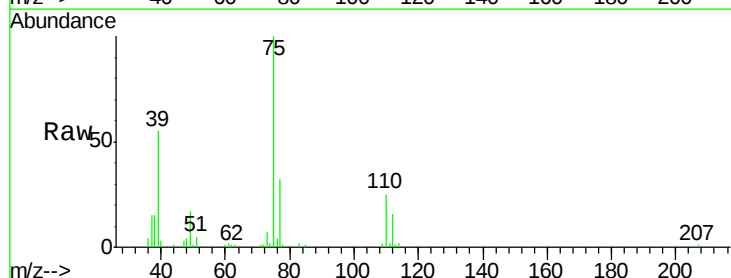
Tgt Ion: 75 Resp: 63509

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 54.5 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.75 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

Tgt Ion: 97 Resp: 38653

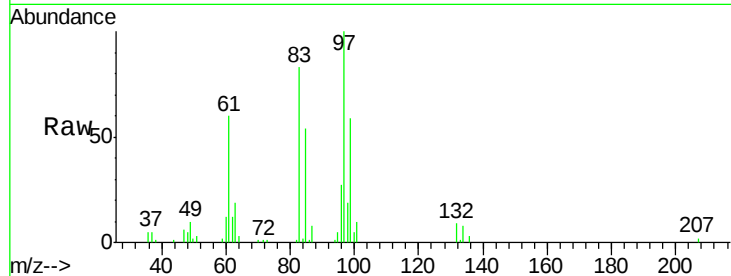
Ion Ratio Lower Upper

97 100

83 83.2 71.3 106.9

85 53.8 45.8 68.8

99 59.0 50.0 75.0

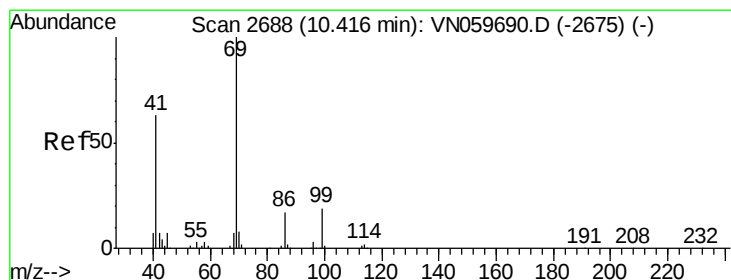
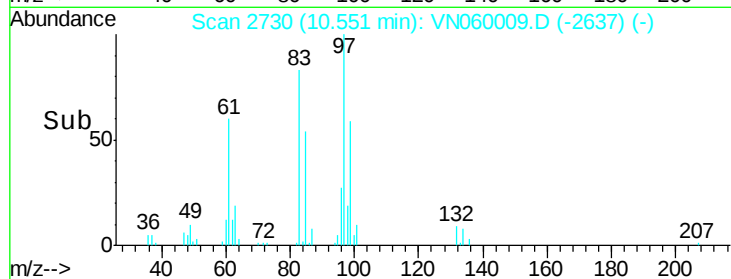
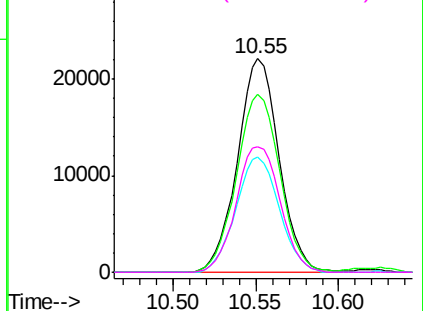


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.90 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

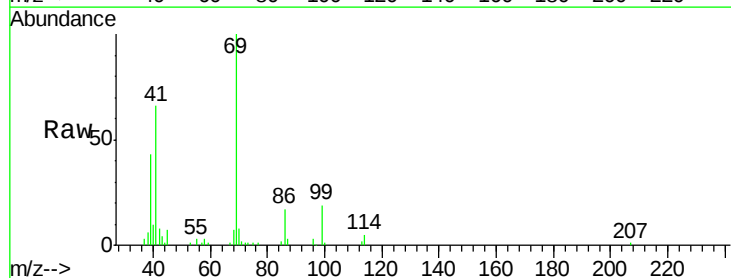
Tgt Ion: 69 Resp: 54038

Ion Ratio Lower Upper

69 100

41 66.3 57.1 85.7

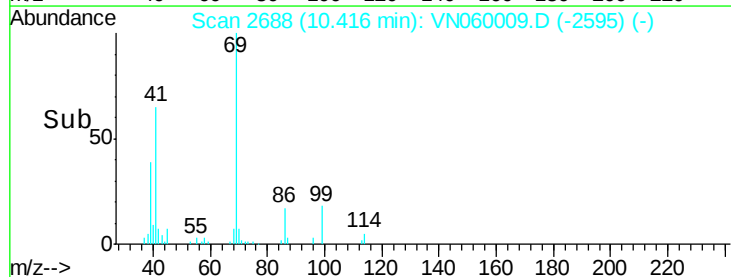
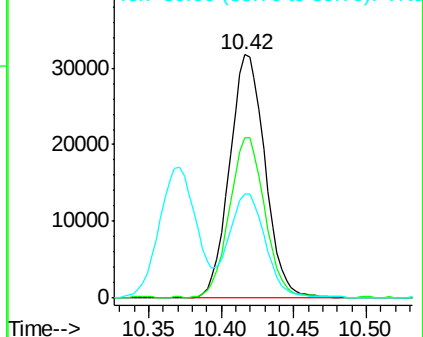
39 43.5 34.7 52.1



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: 22.20 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

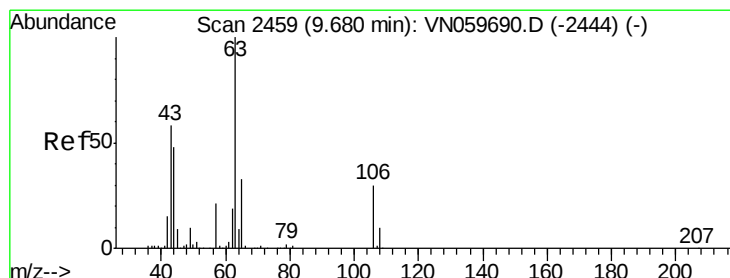
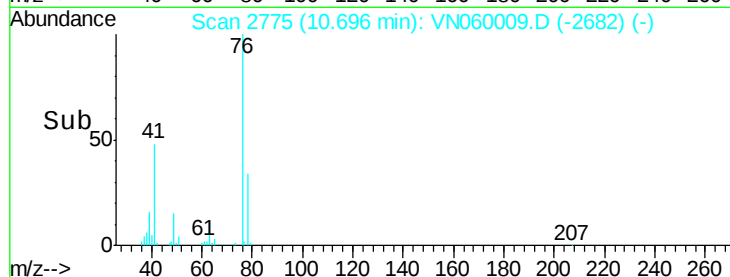
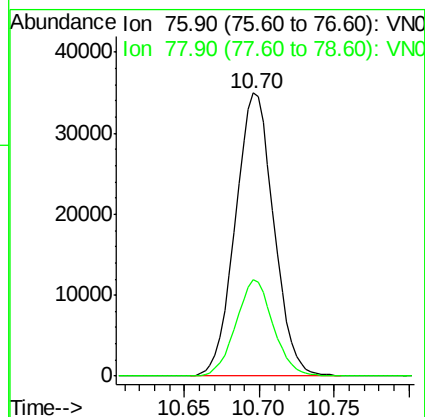
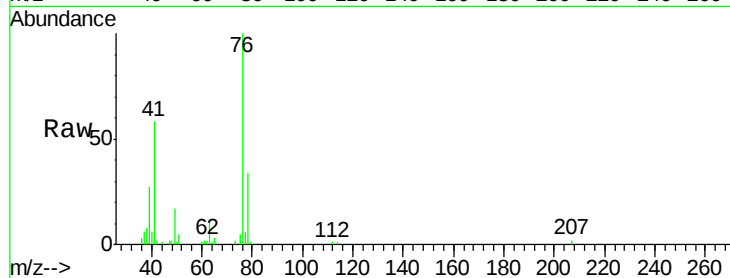
VN0206WBSD01

Tgt Ion: 76 Resp: 62643

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.17 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060009.D

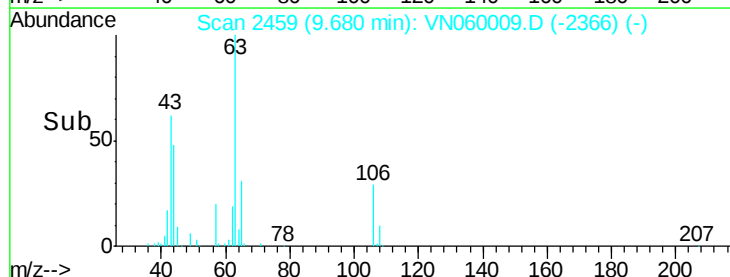
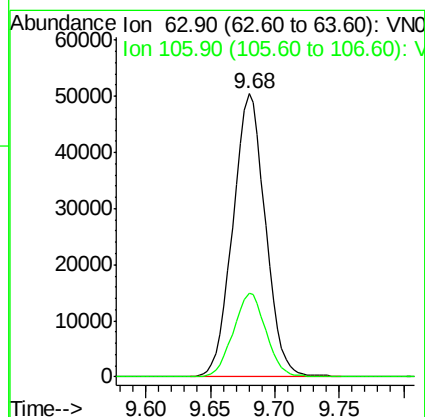
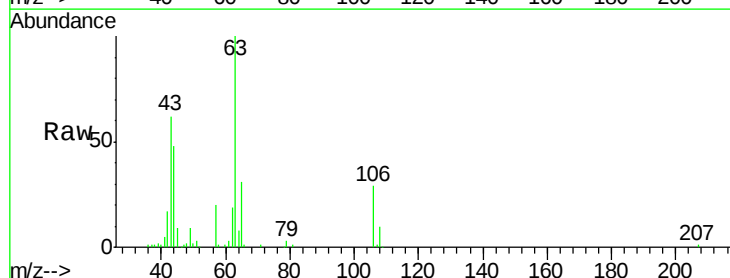
Acq: 6 Feb 2020 11:53

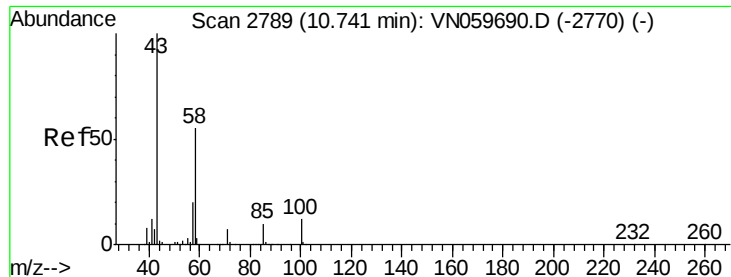
Tgt Ion: 63 Resp: 88489

Ion Ratio Lower Upper

63 100

106 29.5 20.2 30.2

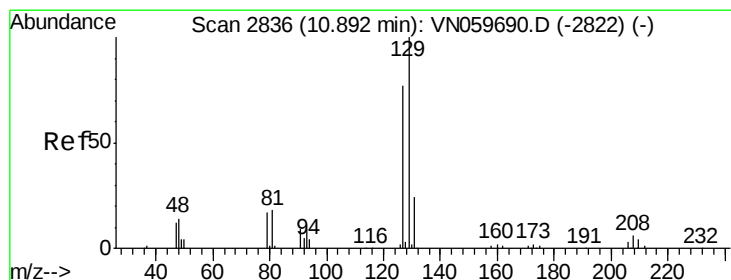
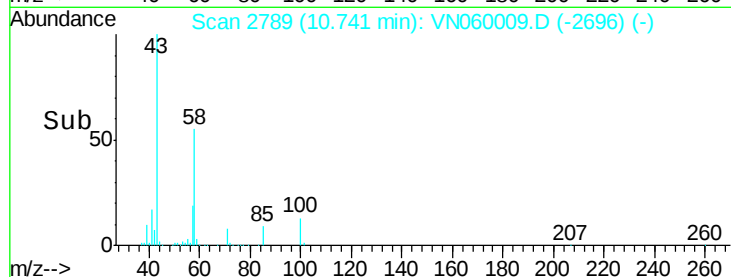
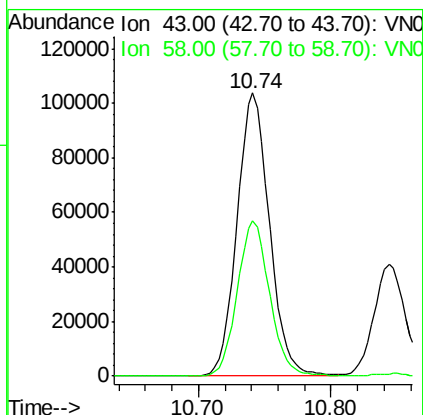
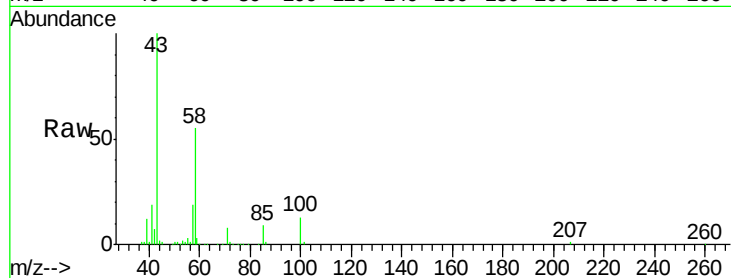




#59
2-Hexanone
Concen: 107.70 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

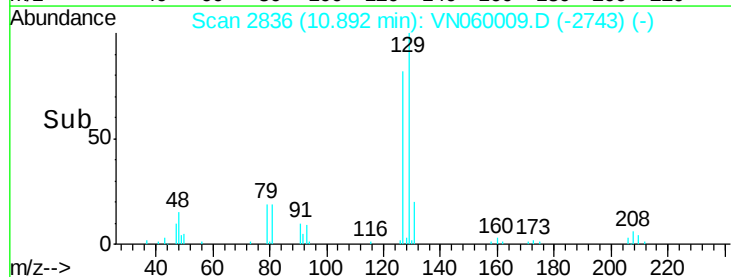
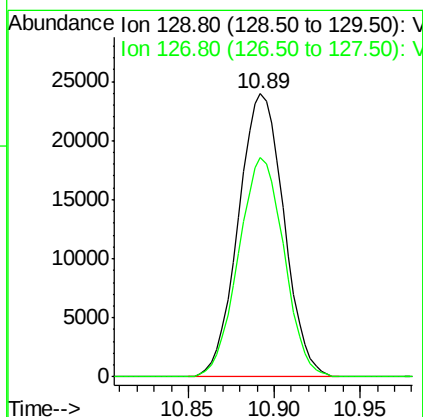
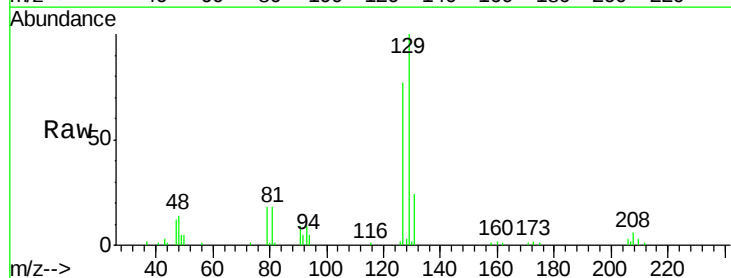
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

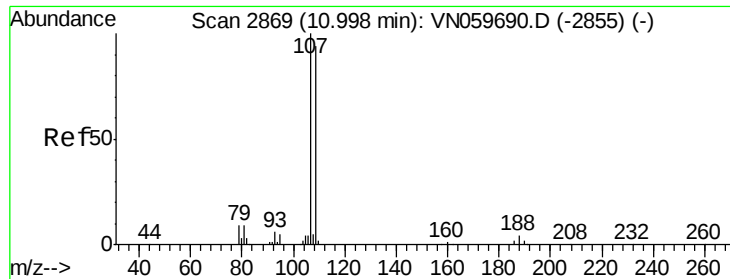
Tgt Ion: 43 Resp: 176291
Ion Ratio Lower Upper
43 100
58 54.7 25.8 77.3



#60
Dibromochloromethane
Concen: 21.78 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 129 Resp: 44089
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

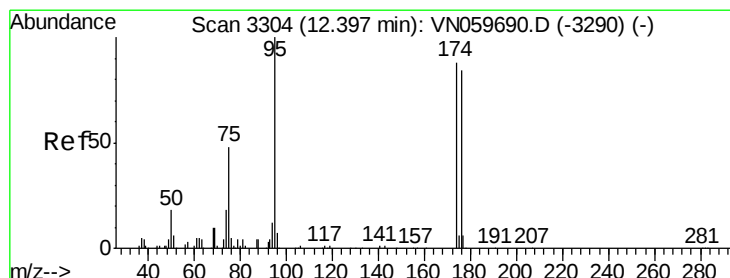
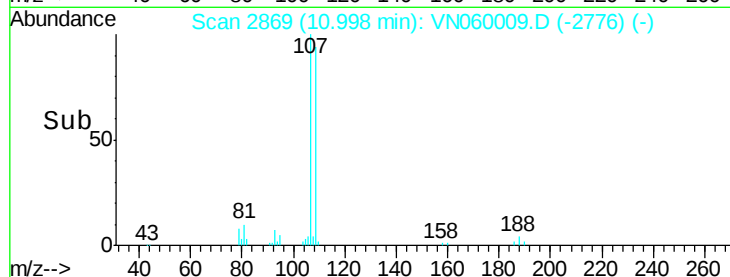
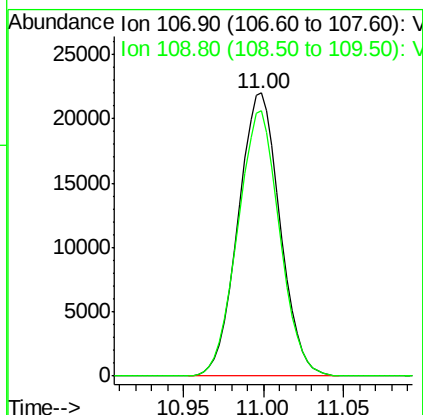
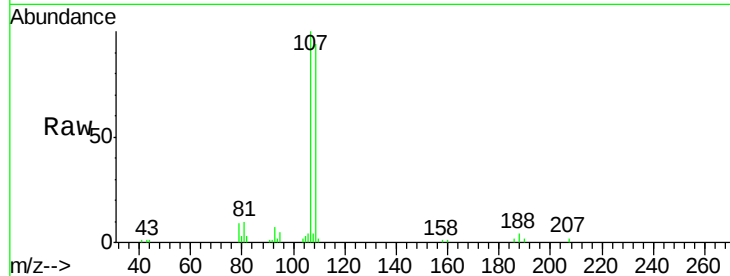




#61
 1,2-Dibromoethane
 Concen: 21.12 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

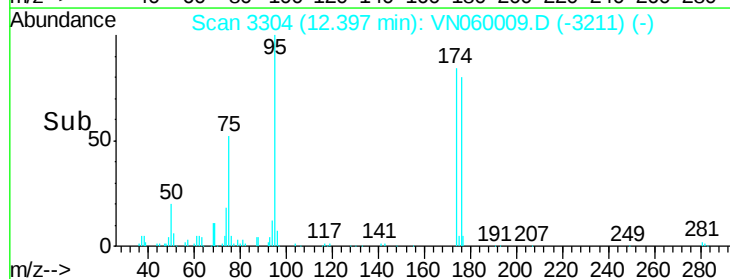
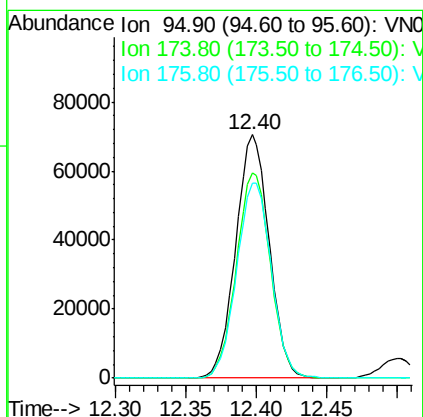
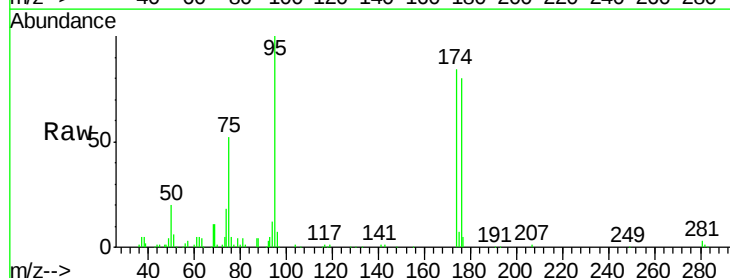
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

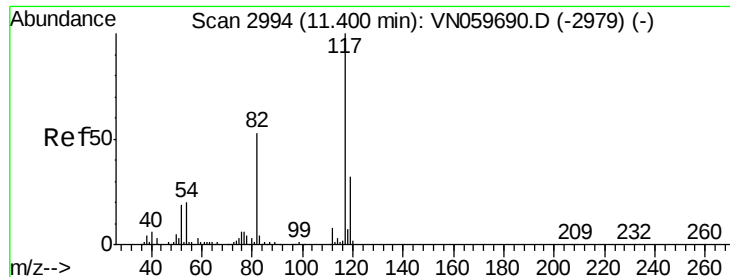
Tgt Ion: 107 Resp: 39345
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 51.52 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion: 95 Resp: 117409
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 151.4
 176 83.1 0.0 146.0

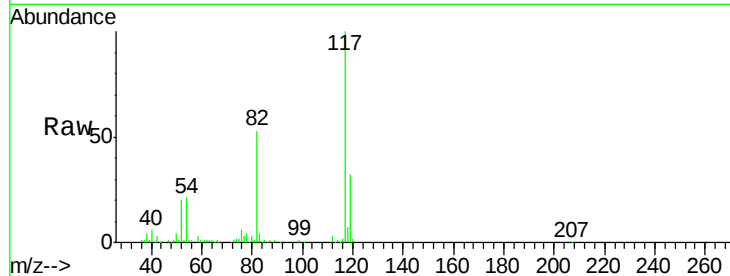




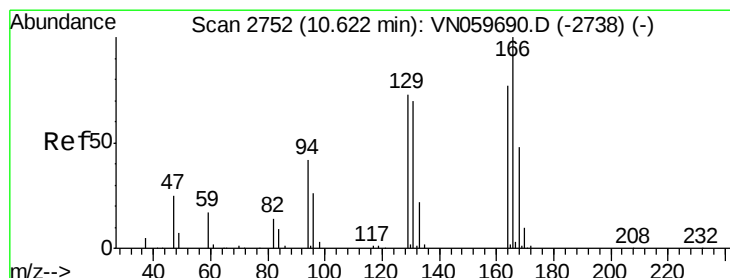
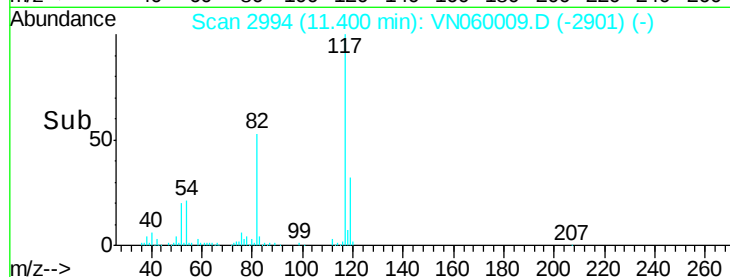
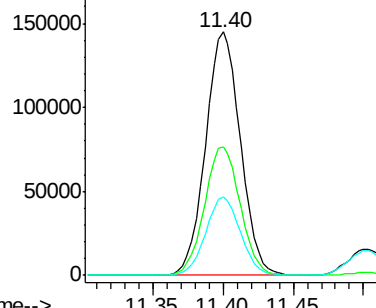
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion:117 Resp: 250931
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 32.1 25.5 38.3

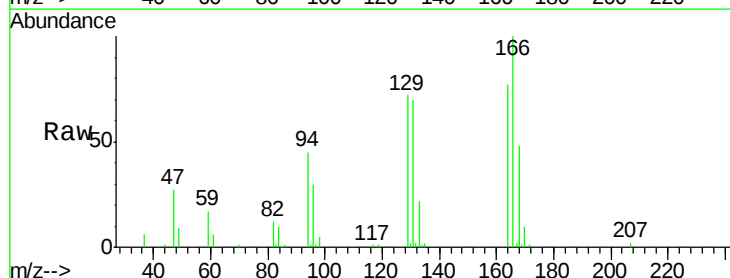


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

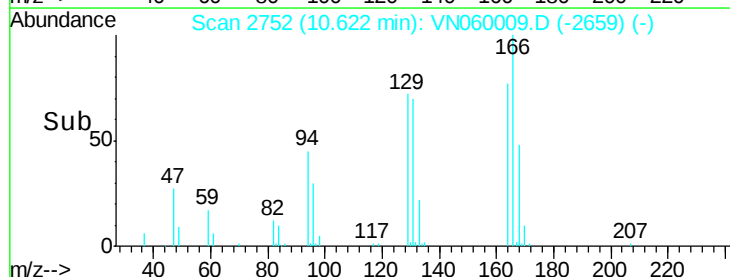
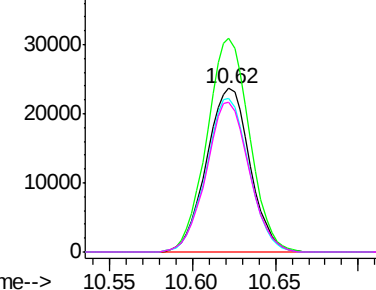


#64
Tetrachloroethene
Concen: 21.06 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion:164 Resp: 43062
Ion Ratio Lower Upper
164 100
166 130.4 101.4 152.0
129 94.0 80.2 120.4
131 91.1 75.0 112.4



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

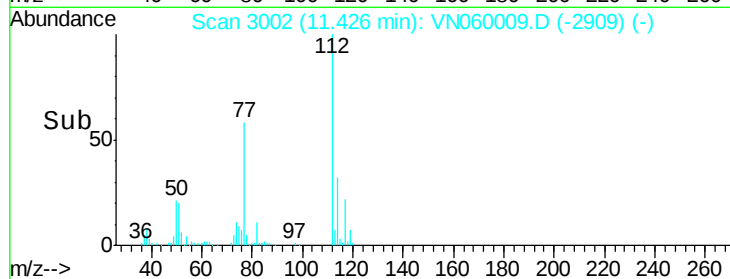
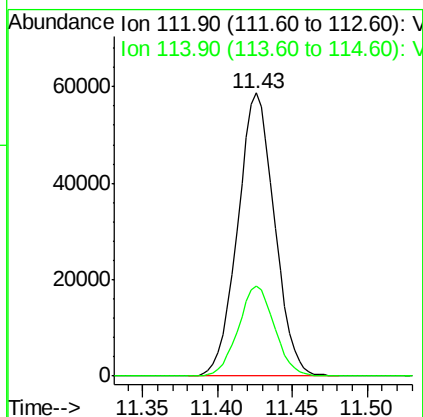
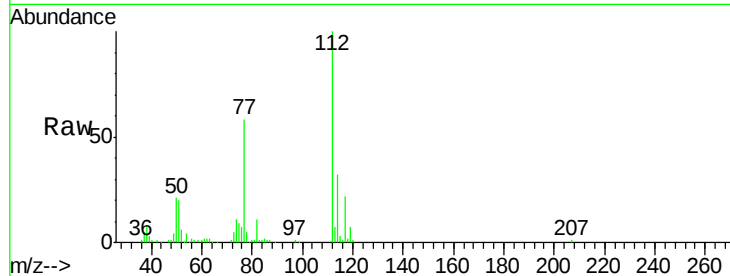




#65
Chlorobenzene
Concen: 20.36 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

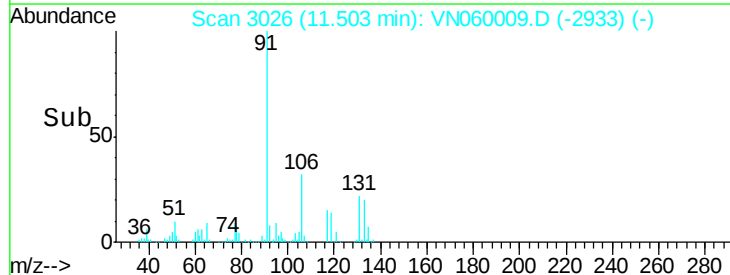
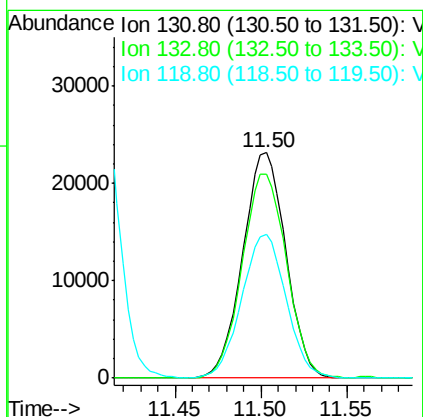
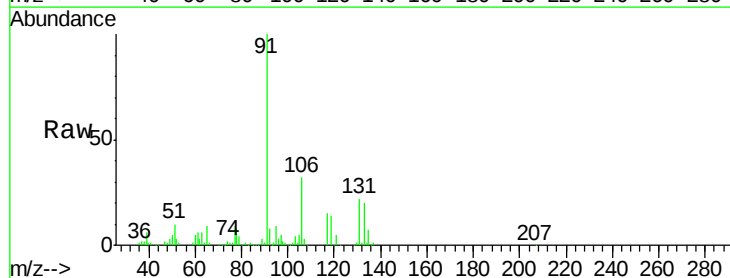
Instrument :
MSVOA_N
ClientSampled :
VN0206WBSD01

Tgt Ion:112 Resp: 100427
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.15 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion:131 Resp: 40312
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.2
119 65.7 33.1 99.3

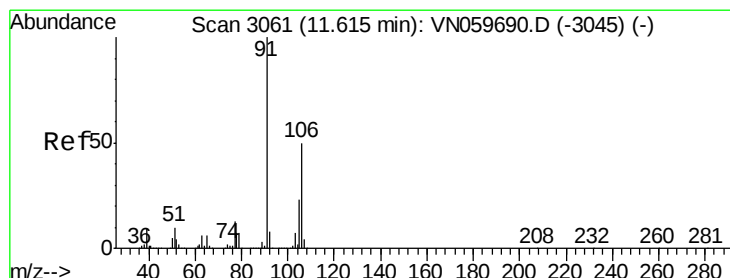
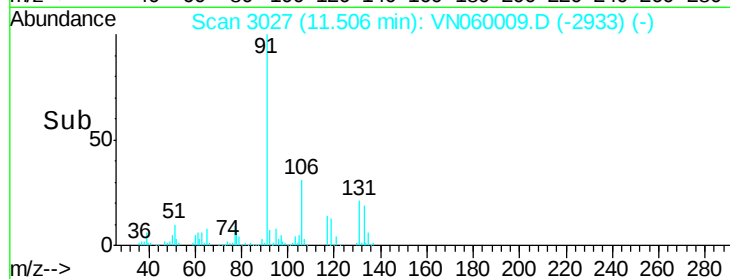
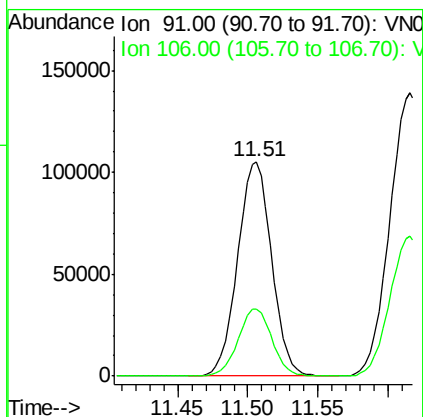
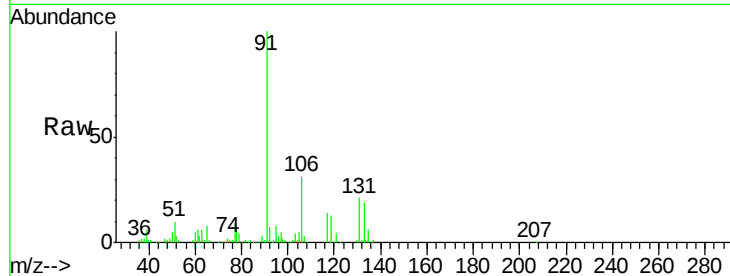




#67
Ethyl Benzene
Concen: 19.84 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

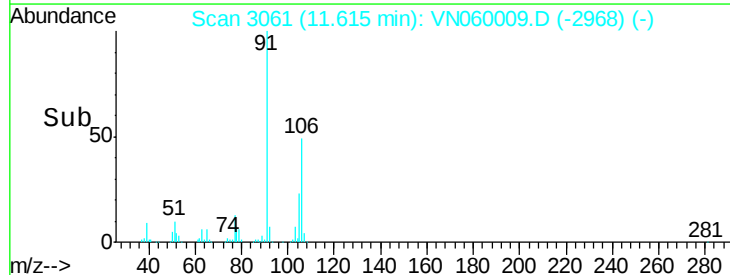
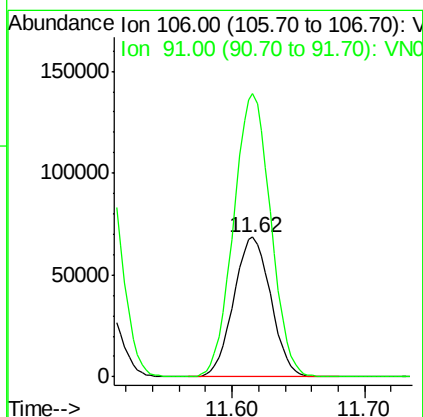
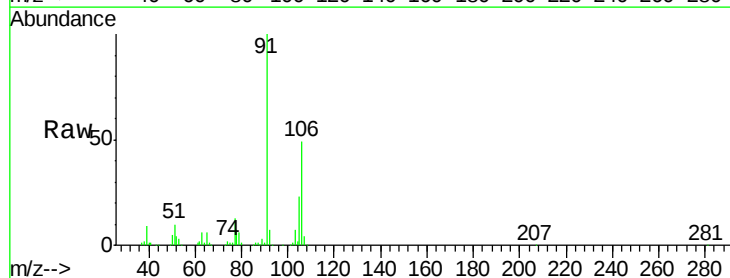
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

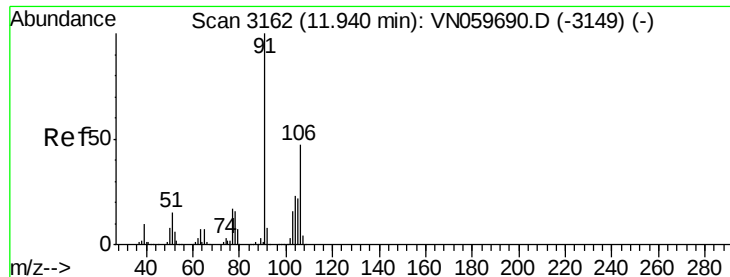
Tgt Ion: 91 Resp: 177663
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 39.42 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion: 106 Resp: 133322
Ion Ratio Lower Upper
106 100
91 201.8 167.9 251.9

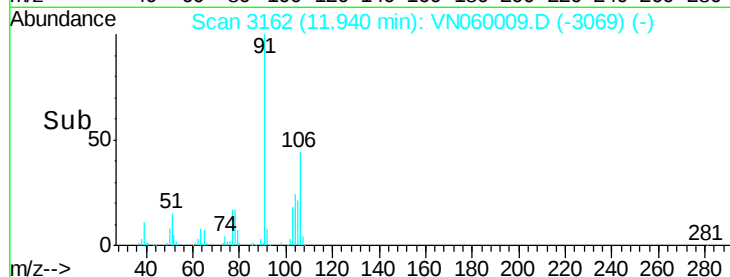
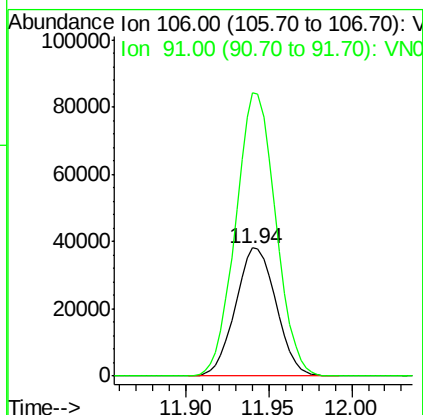
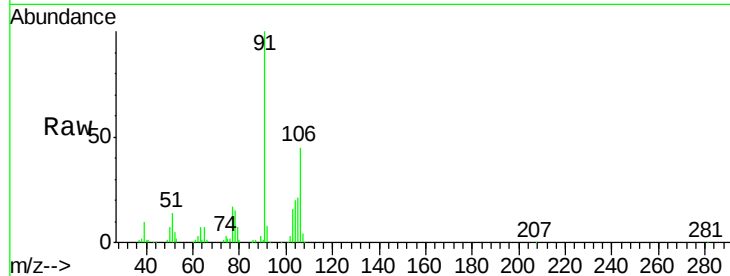




#69
o-Xylene
Concen: 19.65 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

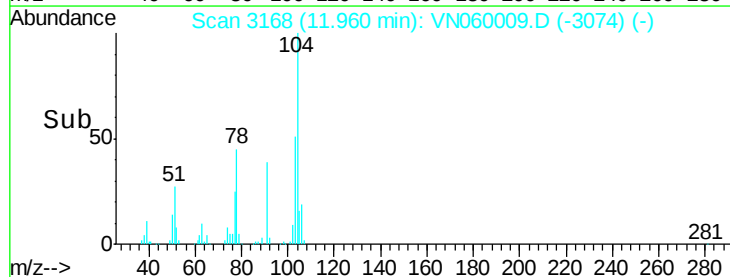
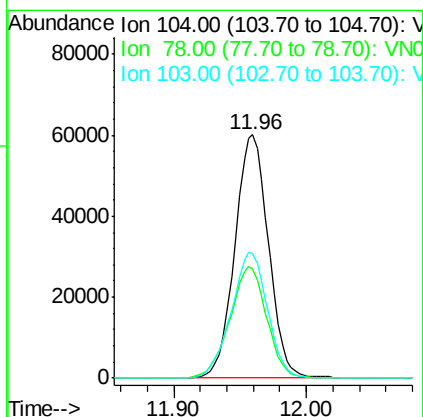
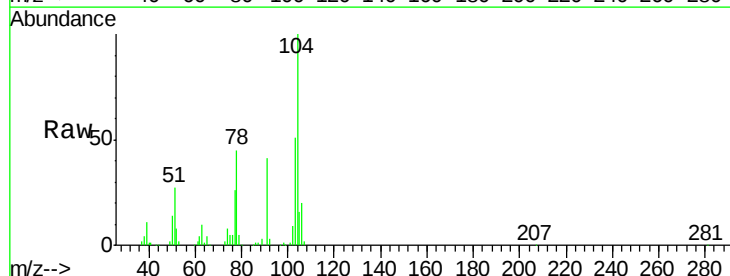
Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

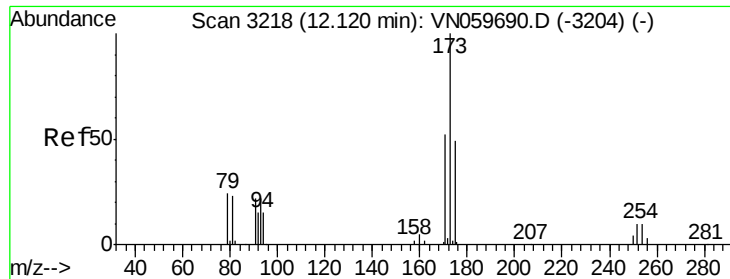
Tgt Ion:106 Resp: 65053
Ion Ratio Lower Upper
106 100
91 217.6 110.3 330.9



#70
Styrene
Concen: 19.07 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion:104 Resp: 105671
Ion Ratio Lower Upper
104 100
78 50.2 42.4 63.6
103 55.7 43.9 65.9

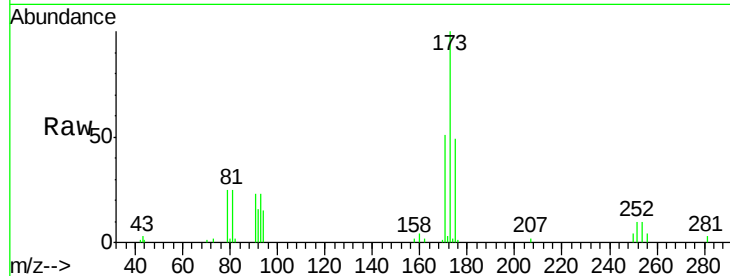




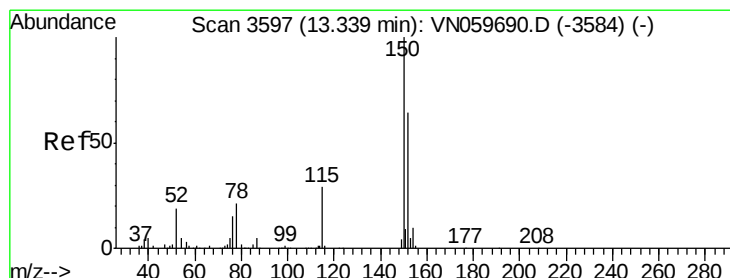
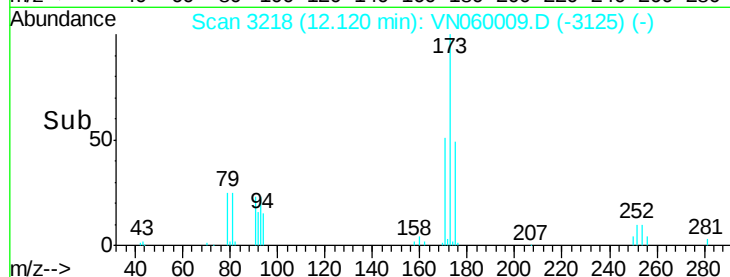
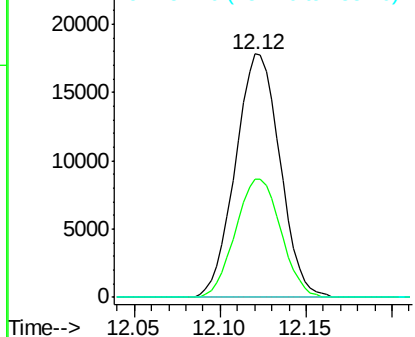
#71
Bromoform
Concen: 20.96 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion:173 Resp: 32003
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.4
254 0.0 0.0 0.0

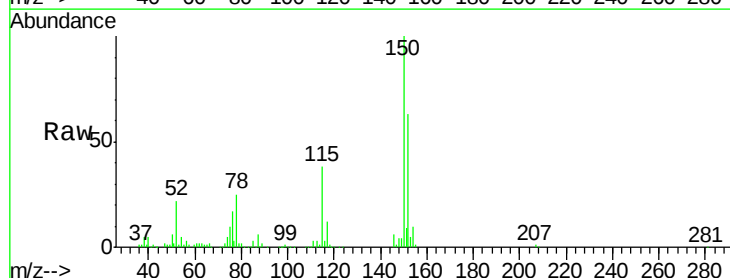


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

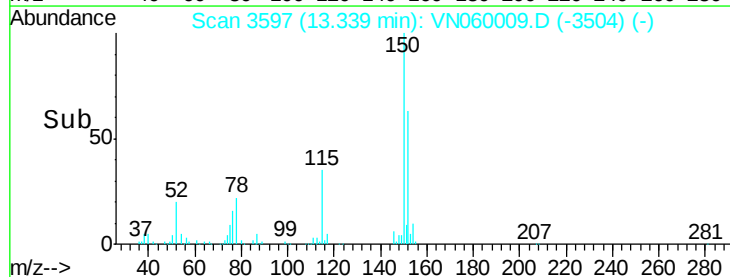
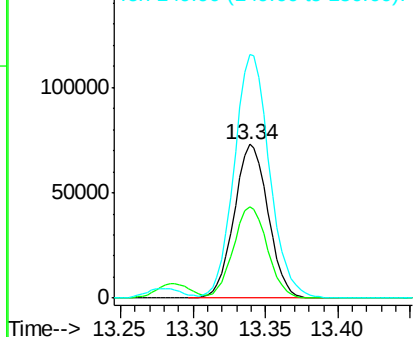


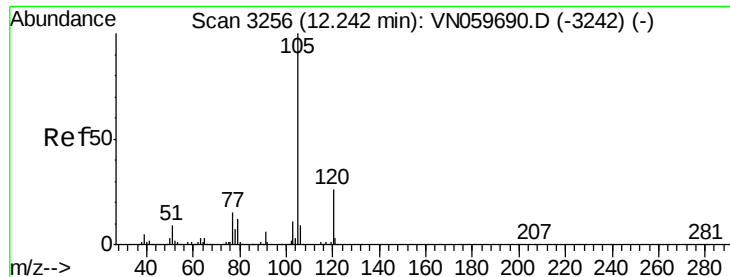
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion:152 Resp: 119052
Ion Ratio Lower Upper
152 100
115 59.2 30.3 90.9
150 164.7 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: 20.34 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

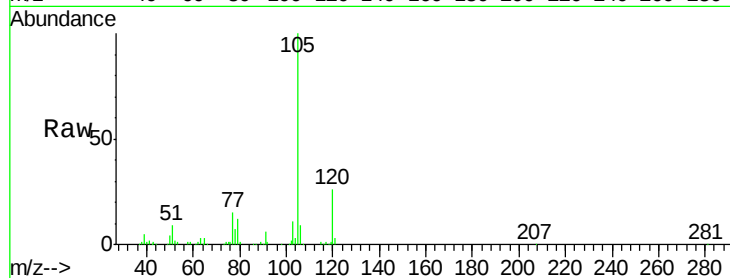
VN0206WBSD01

Tgt Ion: 105 Resp: 177606

Ion Ratio Lower Upper

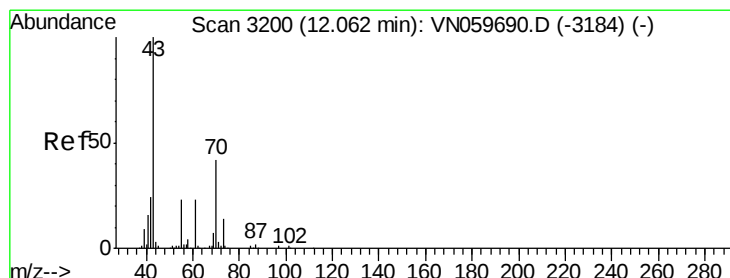
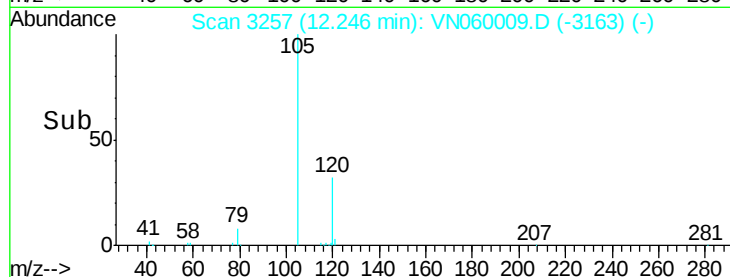
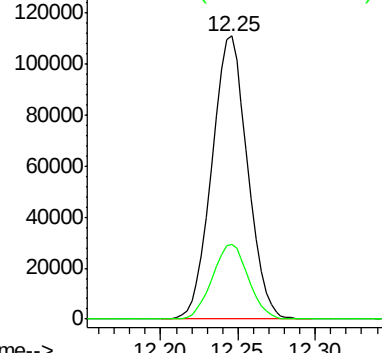
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.16 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Tgt Ion: 43 Resp: 68303

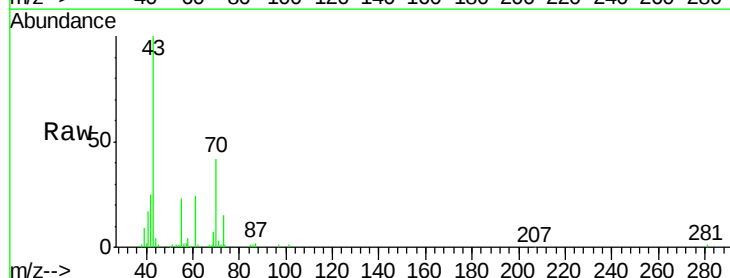
Ion Ratio Lower Upper

43 100

70 42.2 31.3 46.9

55 23.1 19.8 29.6

61 23.2 18.3 27.5

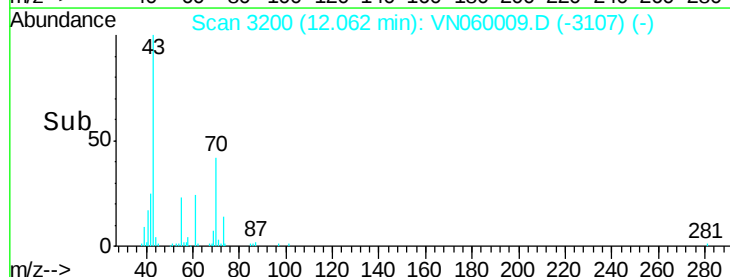
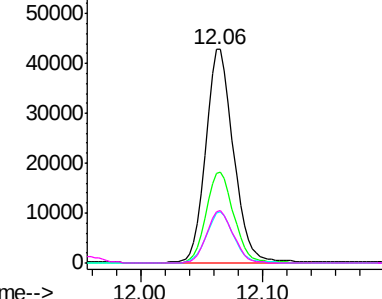


Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 21.46 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

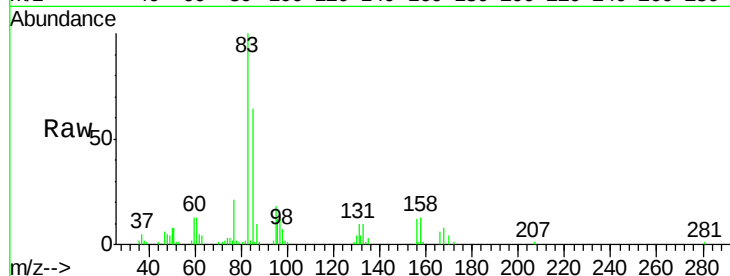
Tgt Ion: 83 Resp: 54313

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

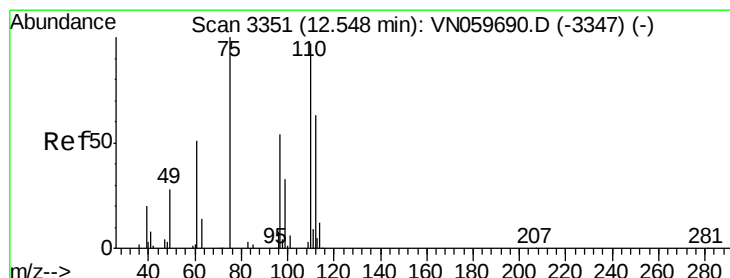
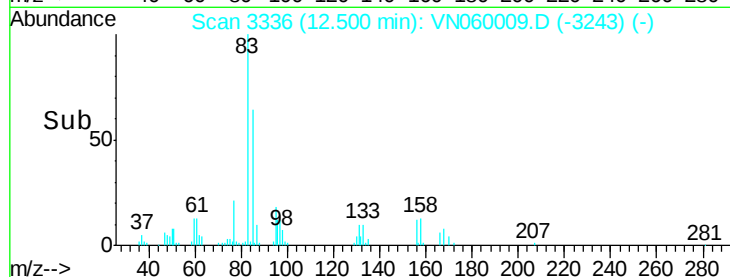
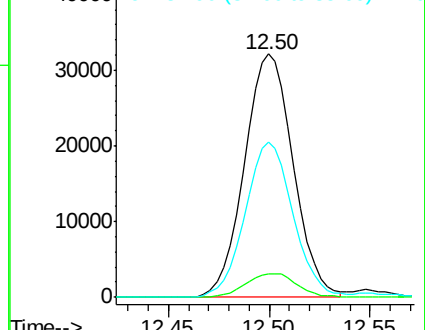
85 62.5 31.9 95.5



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: 36.60 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060009.D

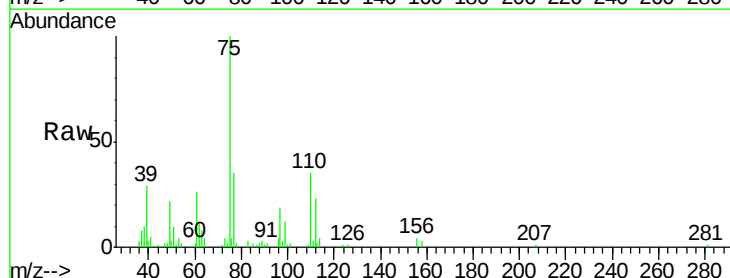
Acq: 6 Feb 2020 11:53

Tgt Ion: 75 Resp: 73324

Ion Ratio Lower Upper

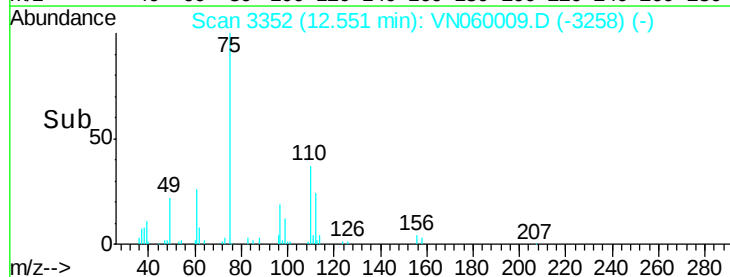
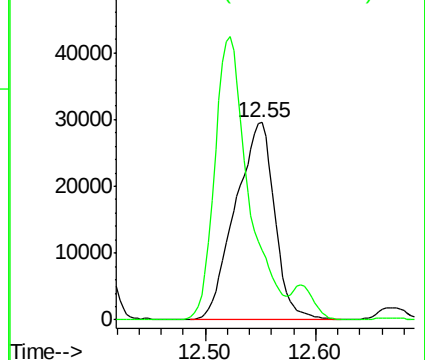
75 100

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: 20.70 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

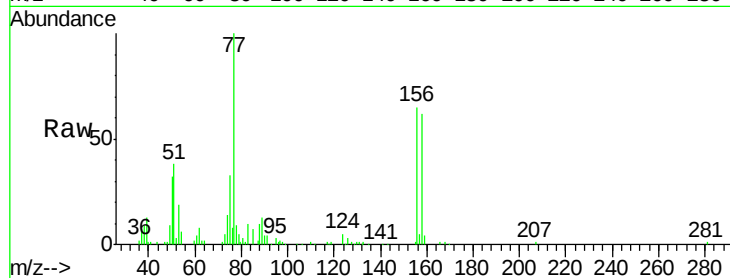
Tgt Ion:156 Resp: 45767

Ion Ratio Lower Upper

156 100

77 196.3 115.8 347.4

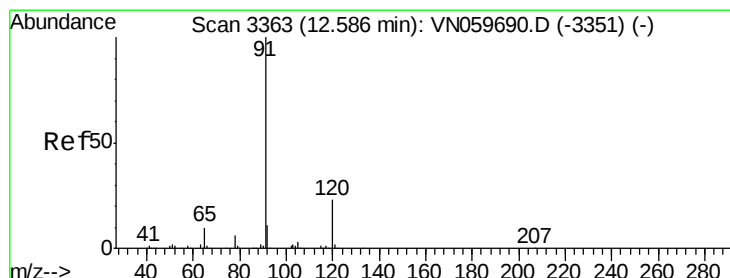
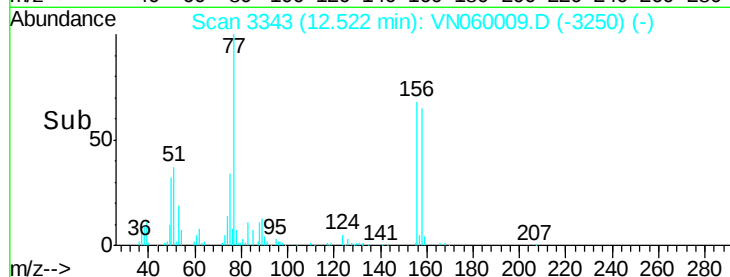
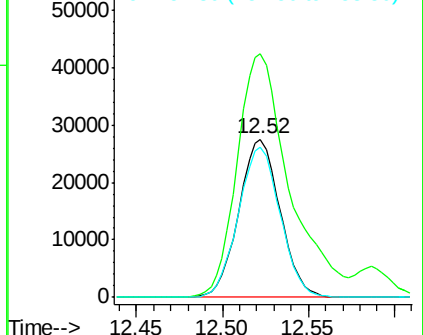
158 96.4 49.2 147.6



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: 20.38 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060009.D

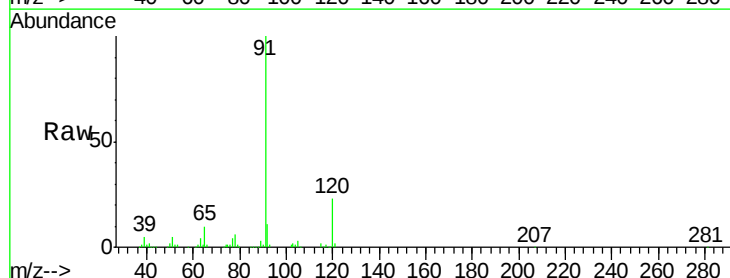
Acq: 6 Feb 2020 11:53

Tgt Ion: 91 Resp: 199740

Ion Ratio Lower Upper

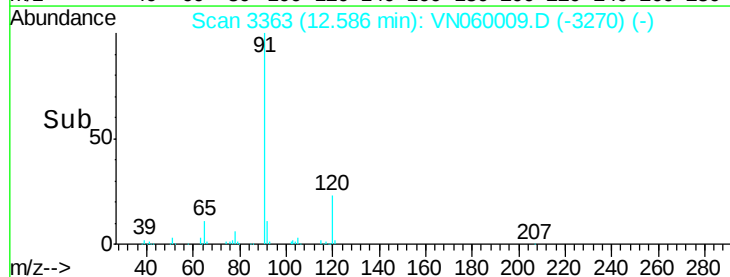
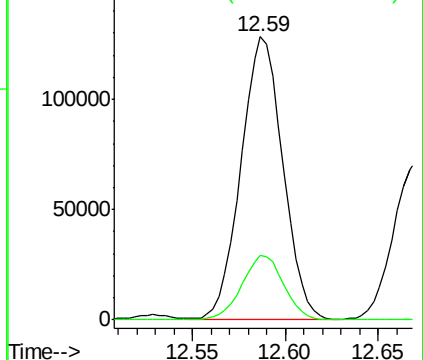
91 100

120 22.9 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: 20.36 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

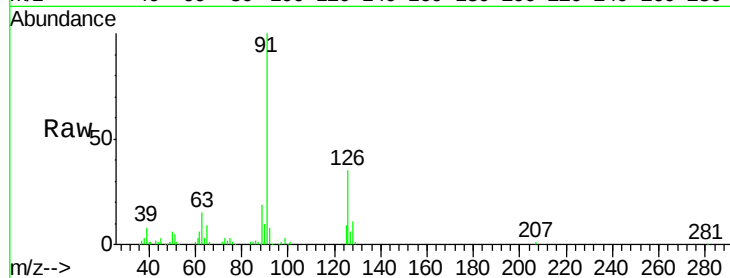
VN0206WBSD01

Tgt Ion: 91 Resp: 118677

Ion Ratio Lower Upper

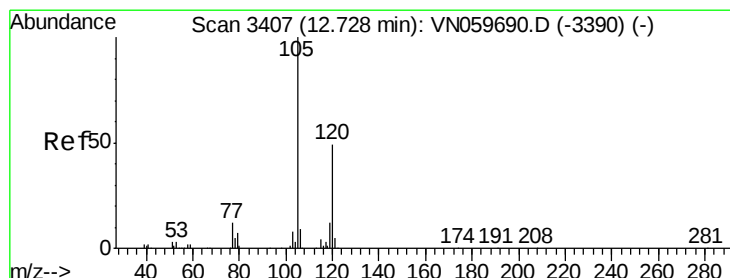
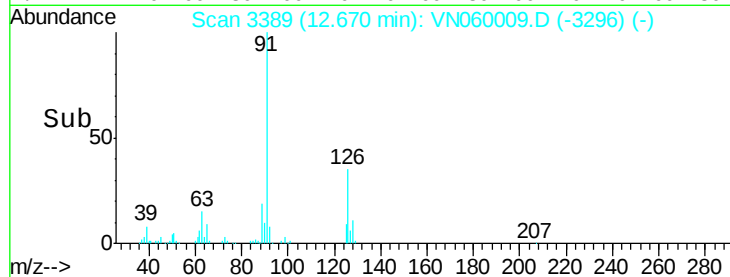
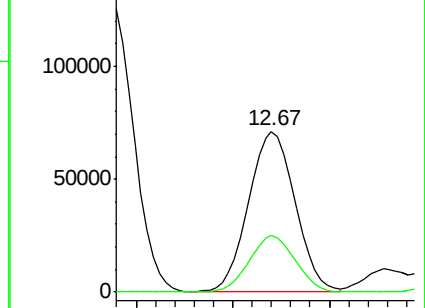
91 100

126 34.8 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: 20.27 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060009.D

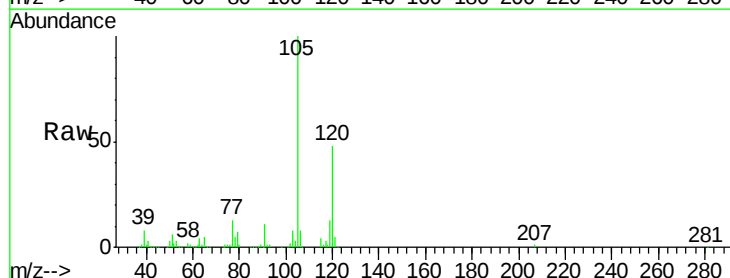
Acq: 6 Feb 2020 11:53

Tgt Ion: 105 Resp: 148856

Ion Ratio Lower Upper

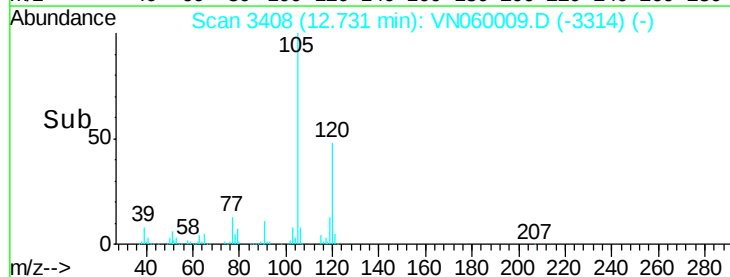
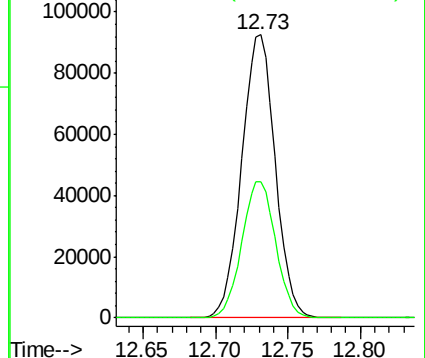
105 100

120 48.7 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: 20.09 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

VN0206WBSD01

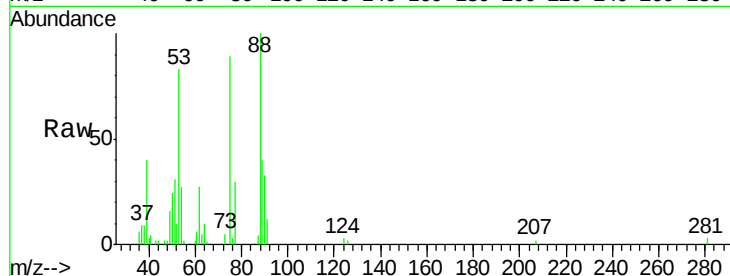
Tgt Ion: 75 Resp: 18743

Ion Ratio Lower Upper

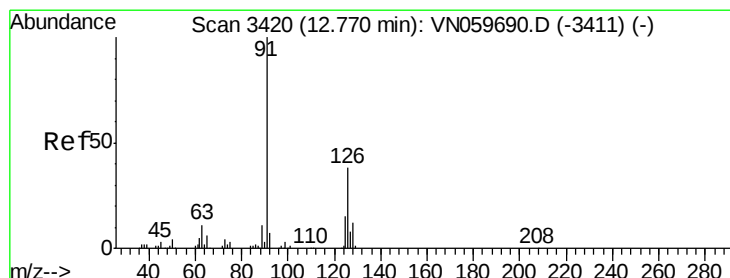
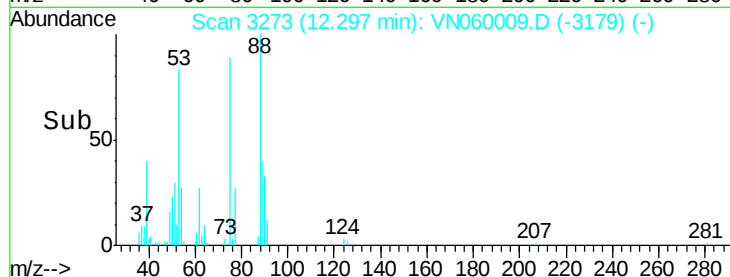
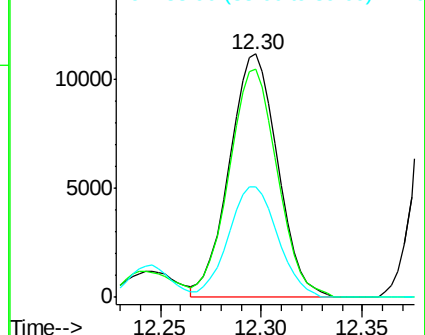
75 100

53 94.0 78.1 117.1

89 46.7 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: 21.05 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060009.D

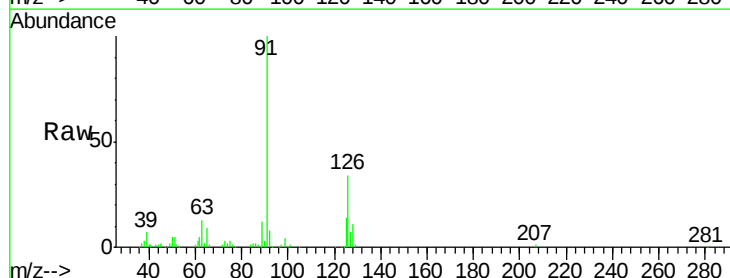
Acq: 6 Feb 2020 11:53

Tgt Ion: 91 Resp: 123079

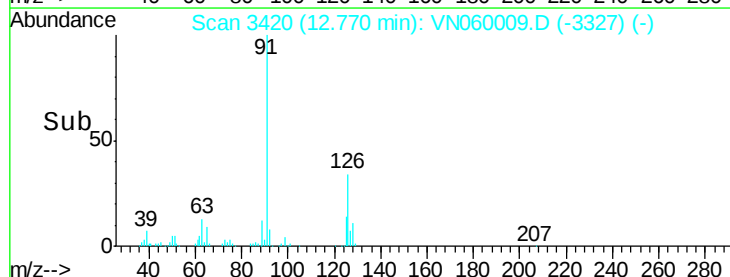
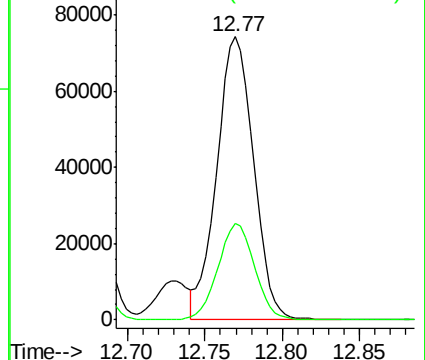
Ion Ratio Lower Upper

91 100

126 33.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

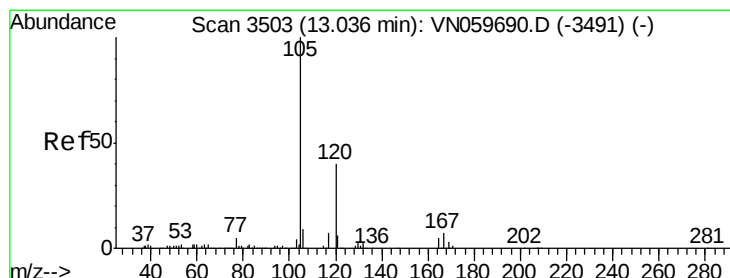
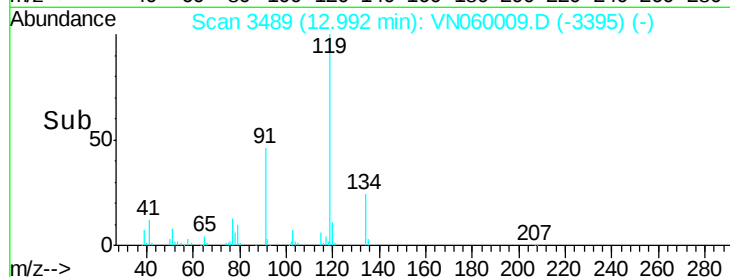
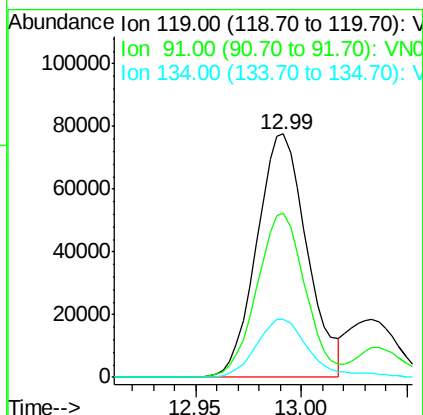
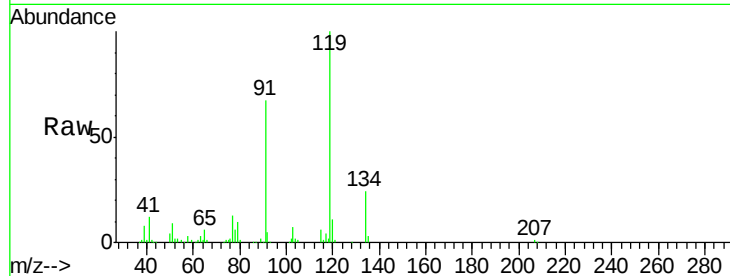




#83
 tert-Butylbenzene
 Concen: 20.29 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

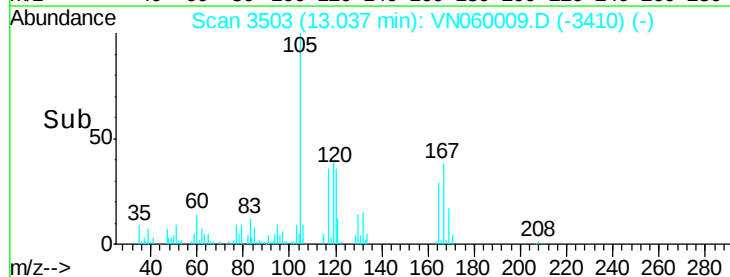
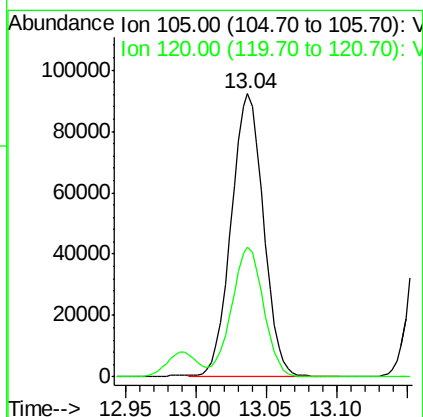
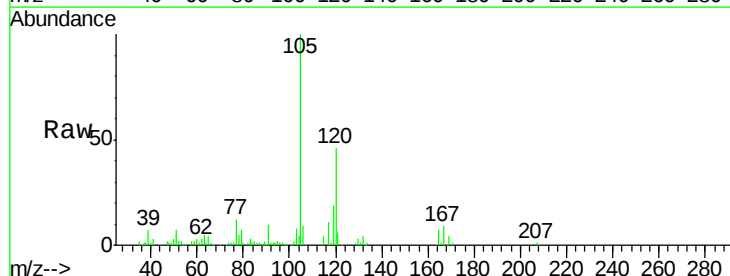
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tgt Ion:119 Resp: 128834
 Ion Ratio Lower Upper
 119 100
 91 65.5 34.8 104.4
 134 25.3 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.38 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion:105 Resp: 148014
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.9

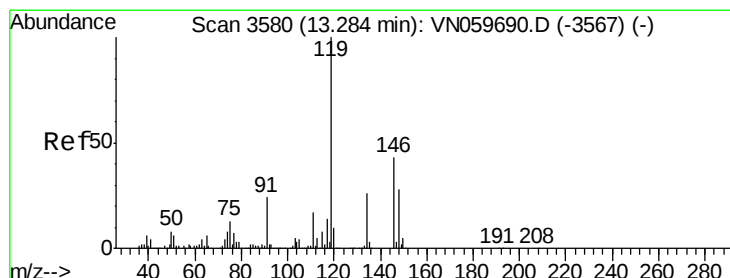
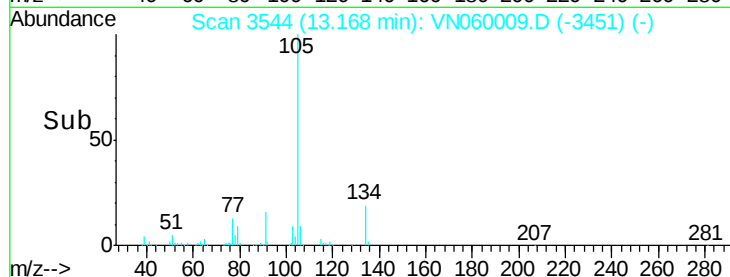
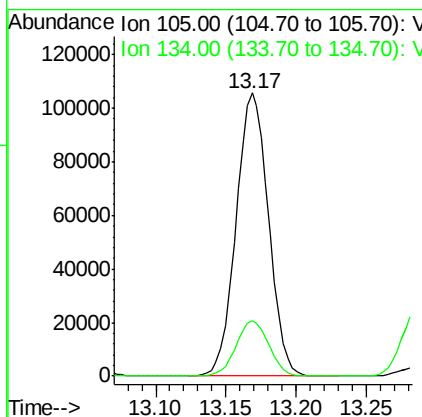
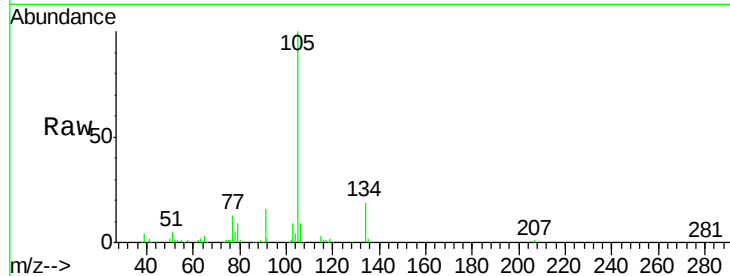




#85
 sec-Butylbenzene
 Concen: 20.38 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

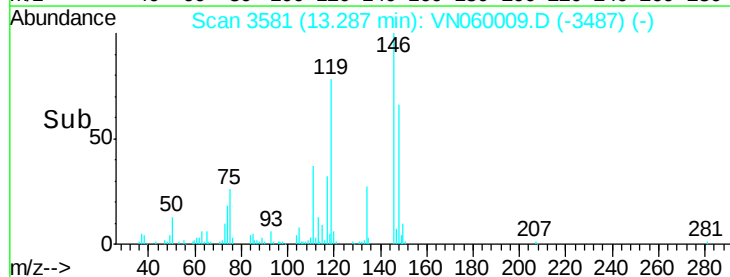
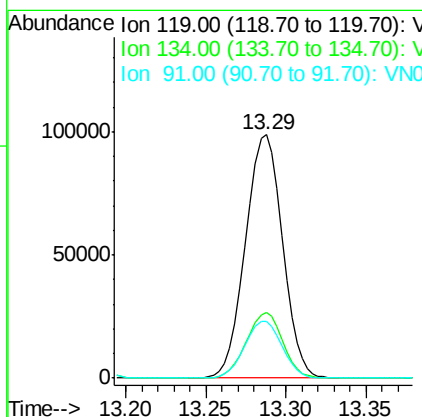
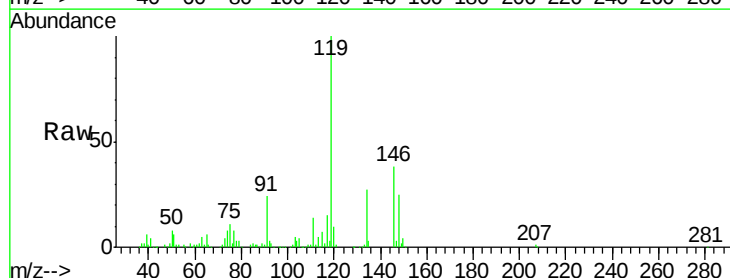
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tgt Ion:105 Resp: 170029
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.21 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion:119 Resp: 156065
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.5 12.4 37.4

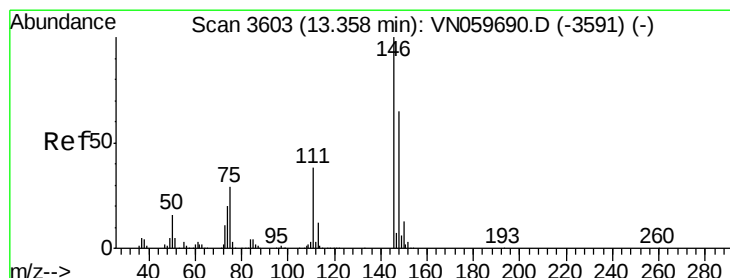
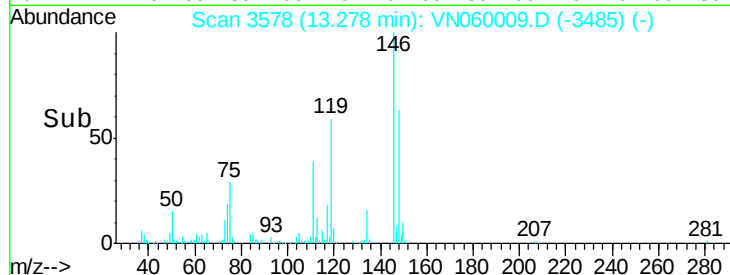
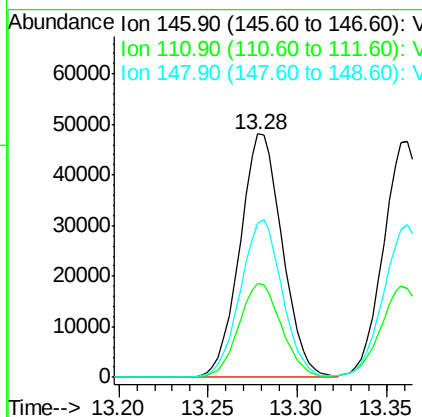
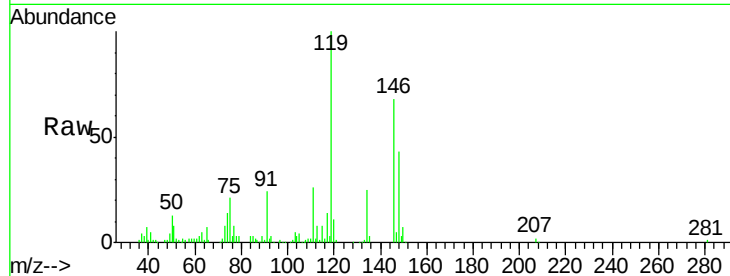




#87
 1,3-Dichlorobenzene
 Concen: 20.84 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

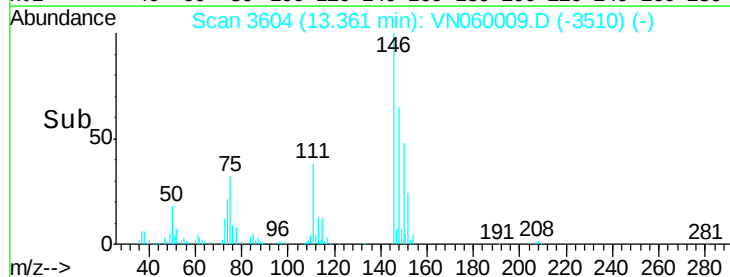
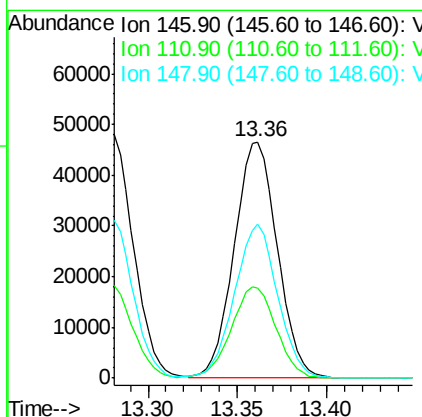
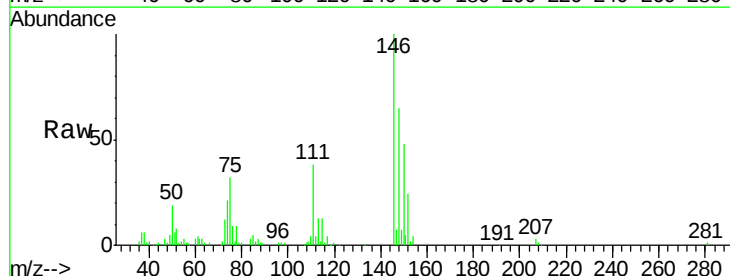
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Tgt Ion:146 Resp: 80024
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.8 62.2
 148 63.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.40 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion:146 Resp: 78163
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.2
 148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 20.52 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

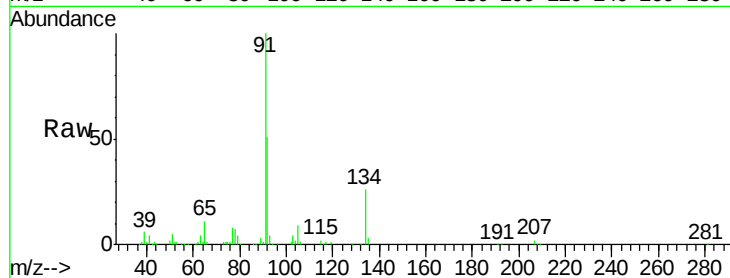
Tgt Ion: 91 Resp: 135074

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.7

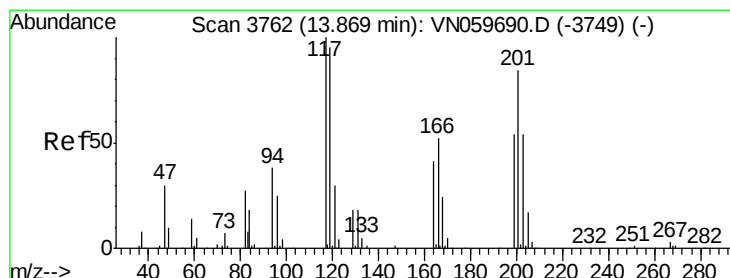
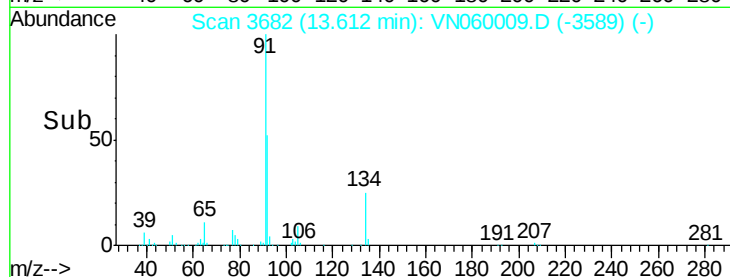
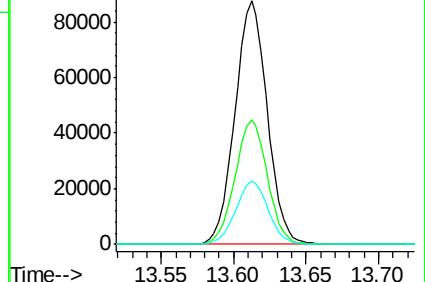
134 25.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.82 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060009.D

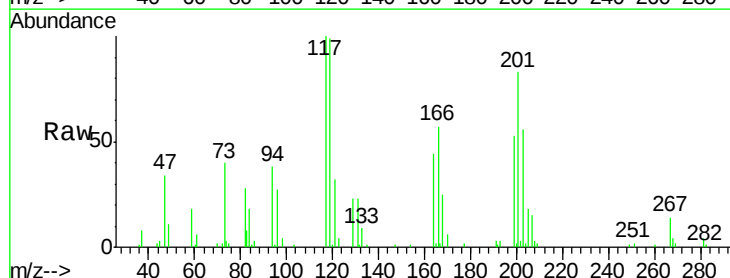
Acq: 6 Feb 2020 11:53

Tgt Ion: 117 Resp: 28630

Ion Ratio Lower Upper

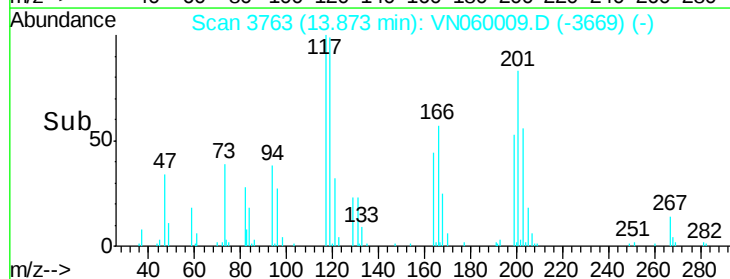
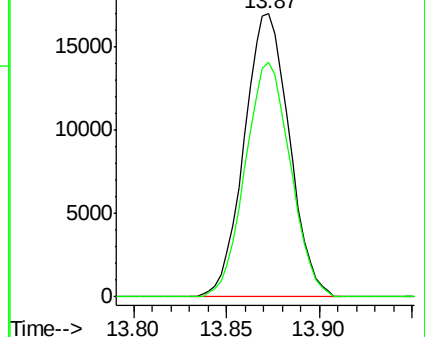
117 100

201 82.8 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.83 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBSD01

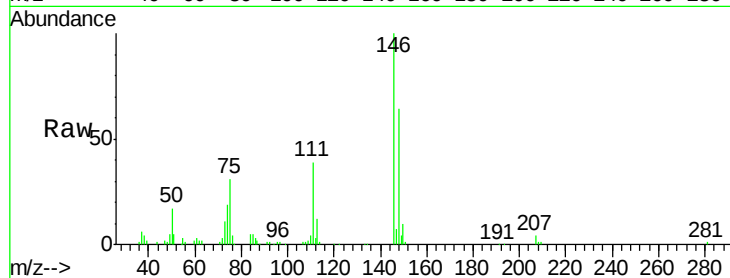
Tgt Ion:146 Resp: 79086

Ion Ratio Lower Upper

146 100

111 40.4 21.6 64.8

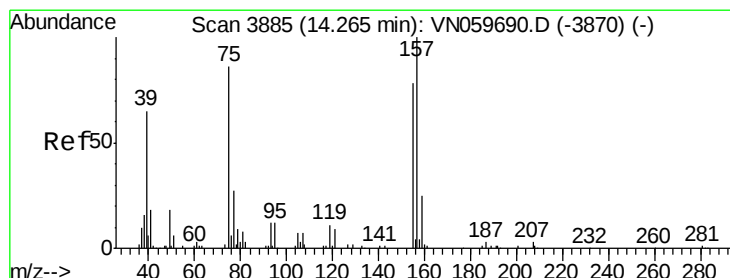
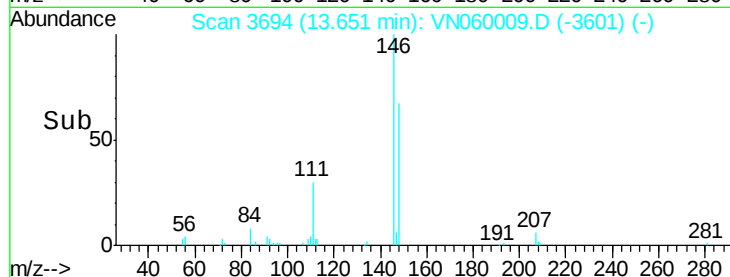
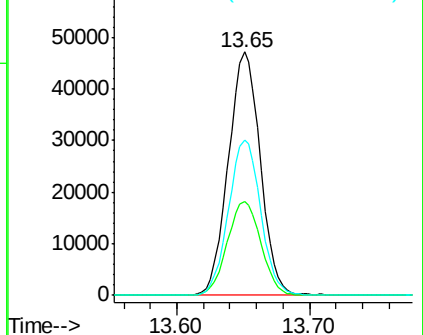
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.63 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060009.D

Acq: 6 Feb 2020 11:53

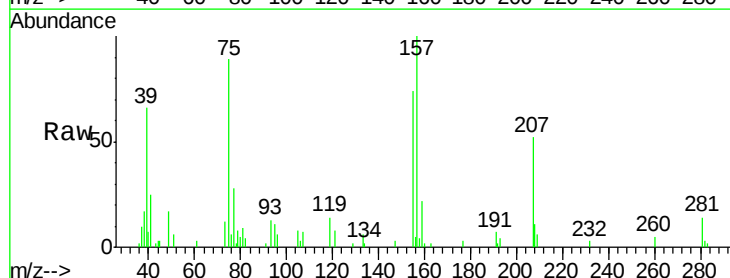
Tgt Ion: 75 Resp: 11872

Ion Ratio Lower Upper

75 100

155 80.6 37.0 110.9

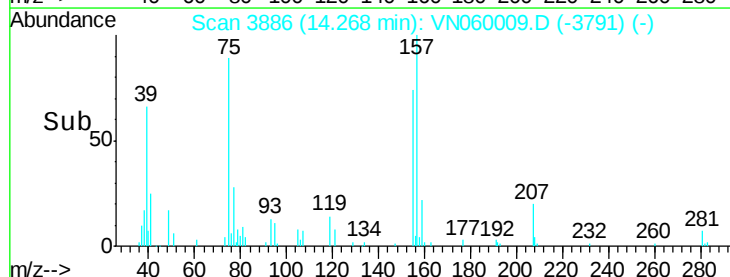
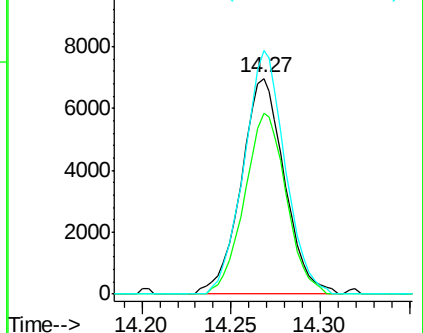
157 107.5 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

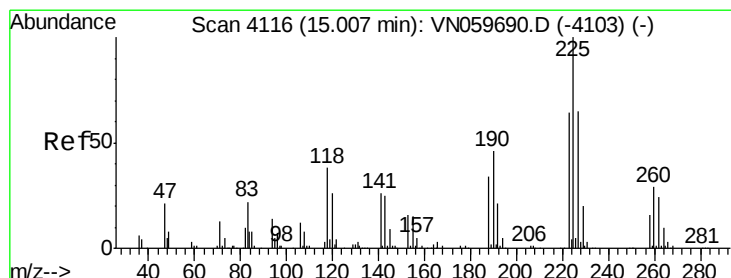
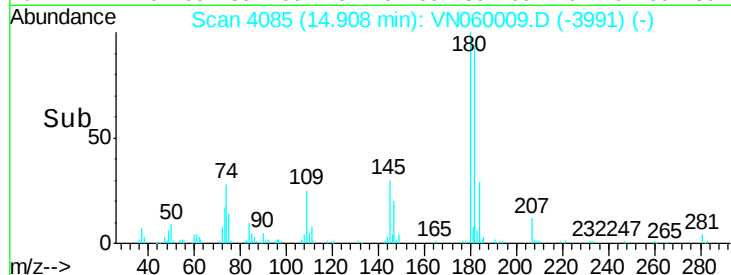
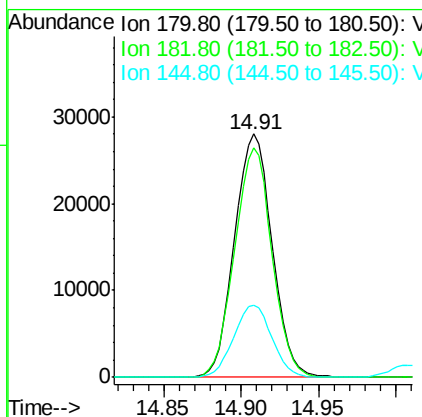
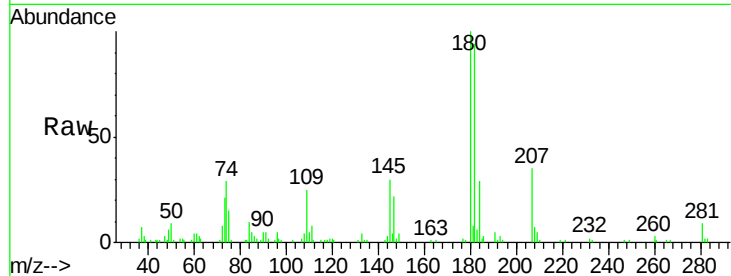




#93
 1,2,4-Trichlorobenzene
 Concen: 20.78 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

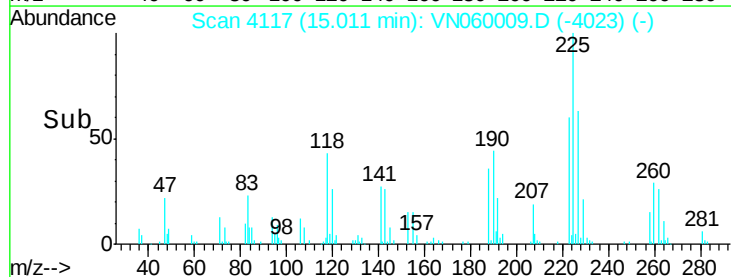
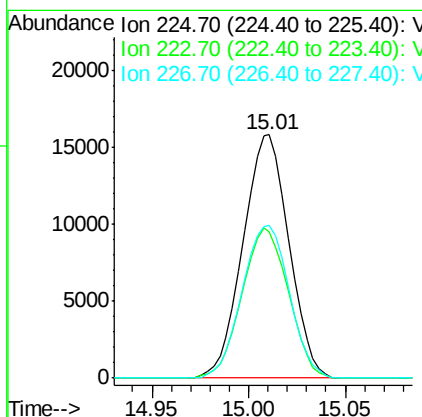
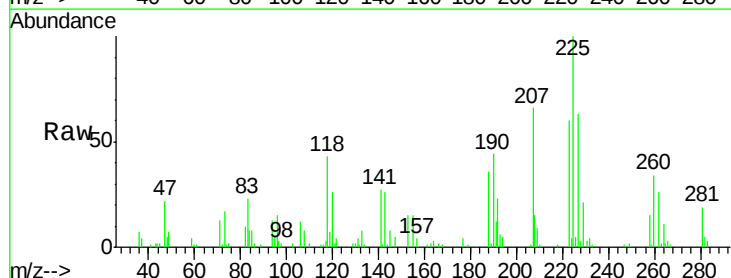
Instrument :
 MSVOA_N
 ClientSampled :
 VN0206WBSD01

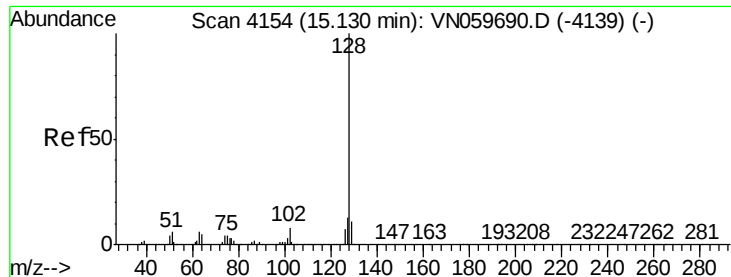
Tgt Ion:180 Resp: 47422
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.9 140.7
 145 30.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 20.80 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN060009.D
 Acq: 6 Feb 2020 11:53

Tgt Ion:225 Resp: 26157
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.8 95.3
 227 64.4 32.1 96.5

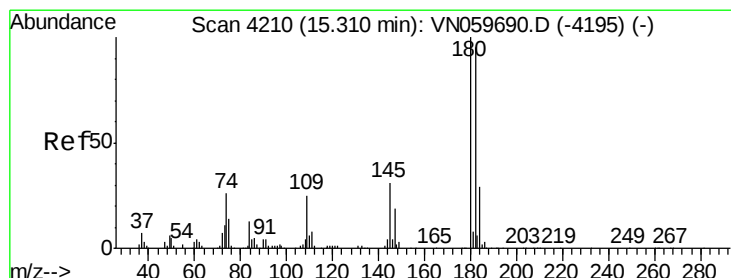
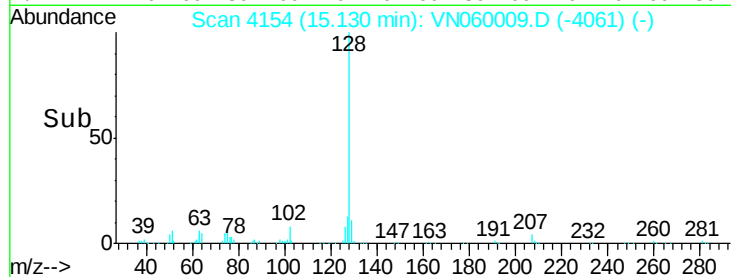
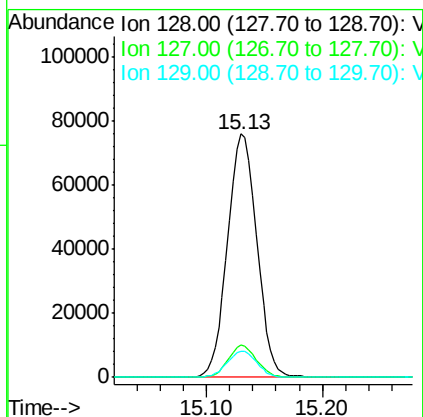
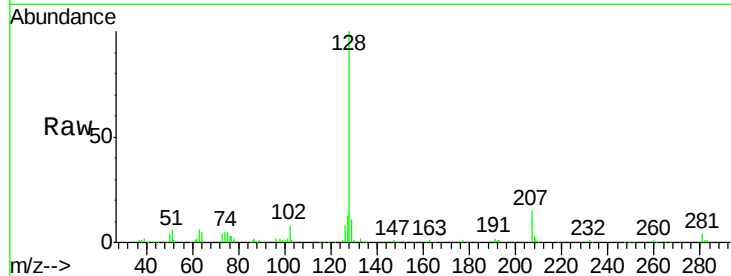




#95
Naphthalene
Concen: 20.49 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBSD01

Tgt Ion:128 Resp: 132952
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.04 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060009.D
Acq: 6 Feb 2020 11:53

Tgt Ion:180 Resp: 46729
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.3
145 31.6 16.3 48.9

