

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060071.D
 Acq On : 12 Feb 2020 13:13
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 13:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 13:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	216150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	341296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	322848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167784	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	402084	152.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.74%	
35) Dibromofluoromethane	7.56	113	328441	156.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.10%	
50) Toluene-d8	10.08	98	1278145	154.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.42%	
62) 4-Bromofluorobenzene	12.40	95	484358	159.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	314596	145.610	ug/l	100
3) Chloromethane	2.04	50	374408	145.620	ug/l	99
4) Vinyl Chloride	2.16	62	419943	143.292	ug/l	99
5) Bromomethane	2.51	94	267709	148.975	ug/l	99
6) Chloroethane	2.67	64	218009	147.074	ug/l	99
7) Trichlorofluoromethane	3.00	101	545651	144.410	ug/l	98
8) Diethyl Ether	3.38	74	191310	152.102	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	303364	144.611	ug/l	99
10) Methyl Iodide	3.93	142	436724	167.992	ug/l	99
11) Tert butyl alcohol	4.73	59	311676	791.875	ug/l	100
12) 1,1-Dichloroethene	3.71	96	307863	150.646	ug/l	99
13) Acrolein	3.57	56	320396	823.550	ug/l	97
14) Allyl chloride	4.29	41	443027	147.289	ug/l	98
15) Acrylonitrile	4.94	53	784513	816.175	ug/l	100
16) Acetone	3.78	43	856585	746.629	ug/l	98
17) Carbon Disulfide	4.03	76	915180	148.573	ug/l	99
18) Methyl Acetate	4.29	43	339113	157.350	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	1032647	150.257	ug/l	98
20) Methylene Chloride	4.52	84	339182	148.186	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	333292	149.613	ug/l	99
22) Diisopropyl ether	5.92	45	1022721	155.144	ug/l	92
23) Vinyl Acetate	5.86	43	4360632	787.712	ug/l	98
24) 1,1-Dichloroethane	5.82	63	591093	148.017	ug/l	100
25) 2-Butanone	6.80	43	1142355	791.711	ug/l	99
26) 2,2-Dichloropropane	6.80	77	556470	146.710	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	382830	146.842	ug/l	99
28) Bromochloromethane	7.17	49	241773	154.000	ug/l #	99
29) Tetrahydrofuran	7.18	42	698432	789.021	ug/l	99
30) Chloroform	7.35	83	616569	147.392	ug/l	99
31) Cyclohexane	7.63	56	524317	140.946	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	567988	148.582	ug/l	100
36) 1,1-Dichloropropene	7.77	75	467104	147.761	ug/l	99
37) Ethyl Acetate	6.90	43	447352	156.580	ug/l	99
38) Carbon Tetrachloride	7.75	117	502840	146.463	ug/l	99

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

39) Methylcyclohexane	9.06	83	577470	147.159	ug/l	99
40) Benzene	8.02	78	1355403	144.539	ug/l	100
41) Methacrylonitrile	7.18	41	647584	205.744	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	486804	148.117	ug/l	99
43) Isopropyl Acetate	8.14	43	758406	155.289	ug/l	99
44) Trichloroethene	8.82	130	373532	143.858	ug/l	97
45) 1,2-Dichloropropane	9.10	63	341156	146.949	ug/l	98
46) Dibromomethane	9.19	93	244479	149.017	ug/l	99
47) Bromodichloromethane	9.39	83	496140	148.746	ug/l	97
48) Methyl methacrylate	9.18	41	348061	158.843	ug/l	98
49) 1,4-Dioxane	9.18	88	124547	3326.662	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	2203222	779.391	ug/l	98
52) Toluene	10.14	92	898862	149.477	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	583265	154.919	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	600566	151.484	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	345313	147.194	ug/l	99
56) Ethyl methacrylate	10.42	69	552174	166.384	ug/l	99
57) 1,3-Dichloropropane	10.70	76	570340	147.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	1239194	801.512	ug/l	100
59) 2-Hexanone	10.74	43	1734317	794.222	ug/l	99
60) Dibromochloromethane	10.89	129	417487	155.078	ug/l	99
61) 1,2-Dibromoethane	11.00	107	376561	153.120	ug/l	100
64) Tetrachloroethene	10.62	164	337175	137.384	ug/l	99
65) Chlorobenzene	11.43	112	968053	147.176	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	375776	151.020	ug/l	99
67) Ethyl Benzene	11.51	91	1740628	146.726	ug/l	99
68) m/p-Xylenes	11.62	106	1339153	300.771	ug/l	96
69) o-Xylene	11.94	106	646853	150.889	ug/l	99
70) Styrene	11.96	104	1129999	163.459	ug/l	99
71) Bromoform	12.12	173	332298	166.039	ug/l #	98
73) Isopropylbenzene	12.25	105	1750202	139.689	ug/l	99
74) N-amyl acetate	12.07	43	712397	157.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	521483	144.602	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	716349	158.420	ug/l #	100
77) Bromobenzene	12.52	156	443905	142.764	ug/l	99
78) n-propylbenzene	12.59	91	1998968	140.034	ug/l	99
79) 2-Chlorotoluene	12.67	91	1173985	139.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1479282	142.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	207909	158.584	ug/l	98
82) 4-Chlorotoluene	12.77	91	1242112	144.294	ug/l	100
83) tert-Butylbenzene	12.99	119	1260962	136.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1486446	144.549	ug/l	98
85) sec-Butylbenzene	13.17	105	1715992	140.602	ug/l	99
86) p-Isopropyltoluene	13.29	119	1592170	143.986	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	807197	146.657	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	801506	145.653	ug/l	100
89) n-Butylbenzene	13.61	91	1449476	149.031	ug/l	100
90) Hexachloroethane	13.87	117	302932	146.642	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	768593	142.691	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	112217	134.408	ug/l	98

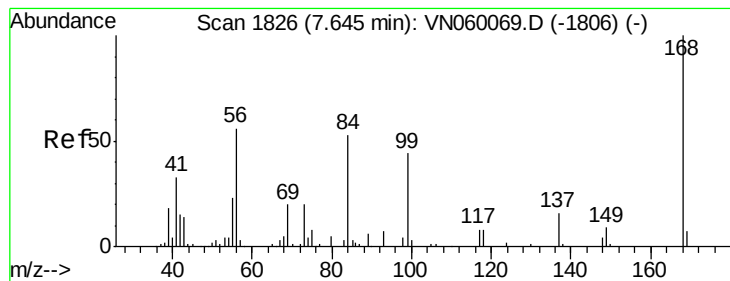
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	505062	159.582	ug/l	100
94) Hexachlorobutadiene	15.01	225	251469	135.723	ug/l	99
95) Naphthalene	15.13	128	1413203	165.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	488825	155.096	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

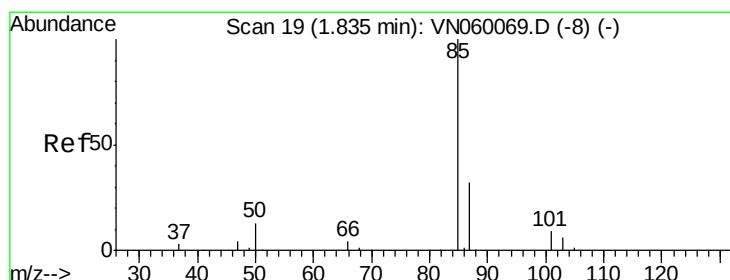
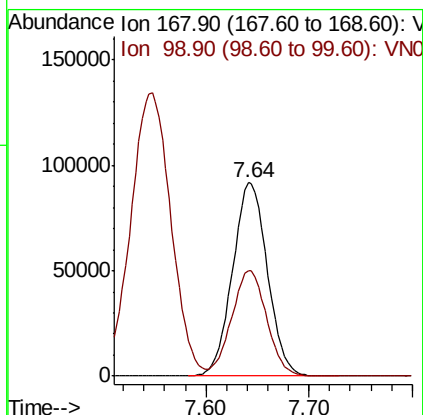
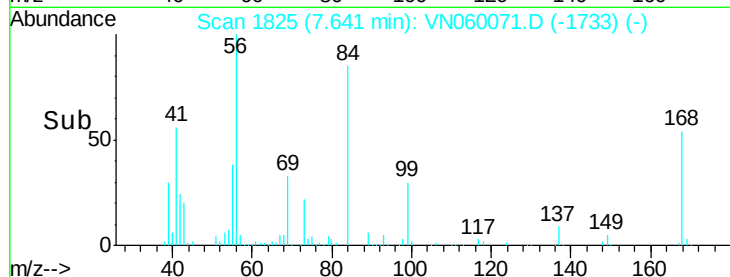
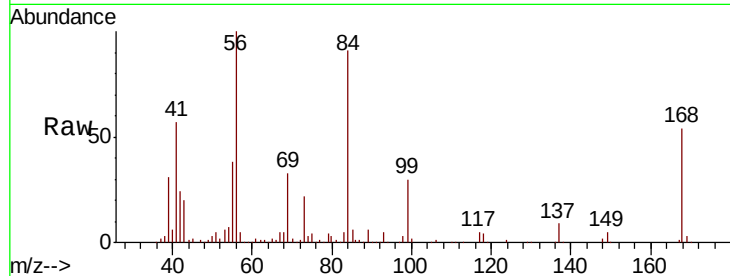
ClientSampleId :

Tot Ion:168 Resp: 216150

Ion Ratio Lower Upper

168 100

99 54.6 42.7 64.1



#2

Dichlorodifluoromethane

Concen: 145.610 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060071.D

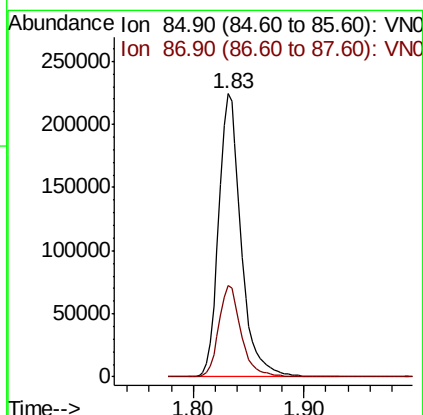
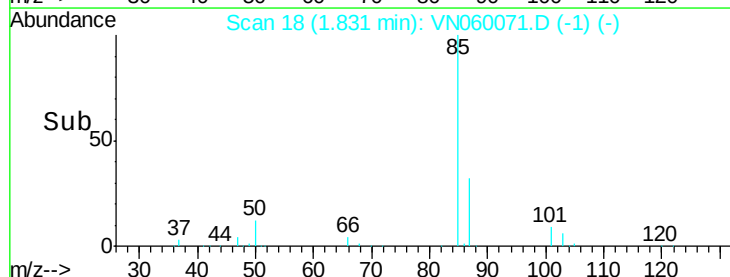
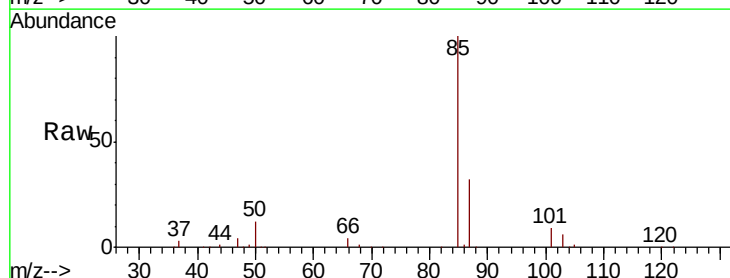
Acq: 12 Feb 2020 13:13

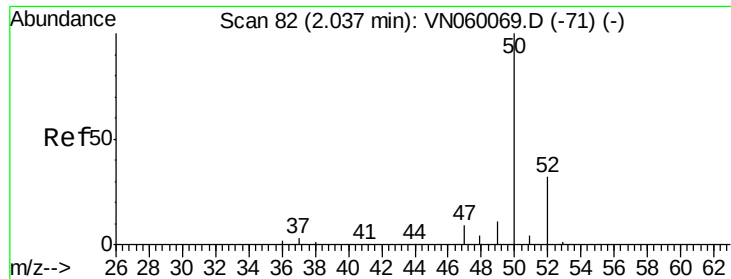
Tgt Ion: 85 Resp: 314596

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2





#3

Chloromethane

Concen: 145.620 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

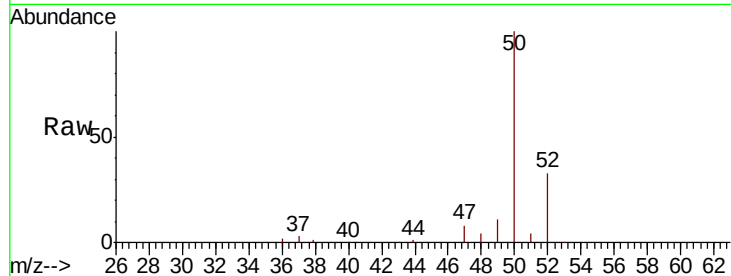
ClientSampleId :

Tot Ion: 50 Resp: 374408

Ion Ratio Lower Upper

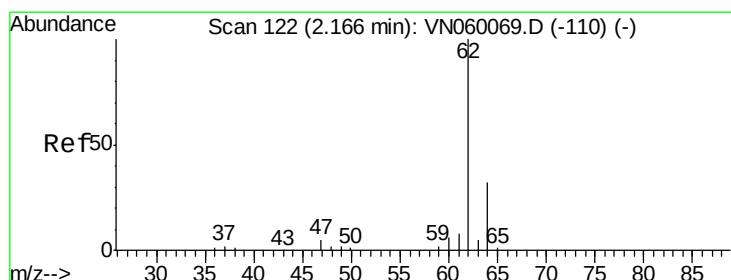
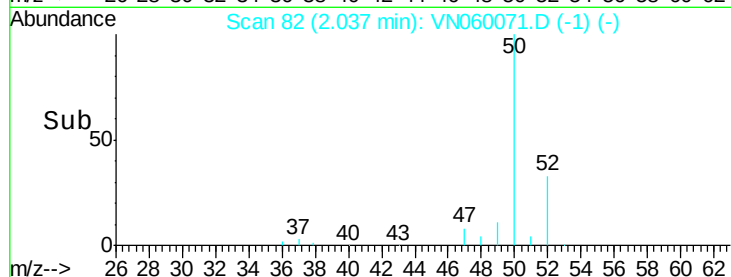
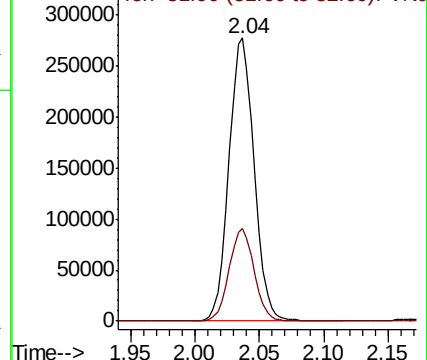
50 100

52 32.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 143.292 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060071.D

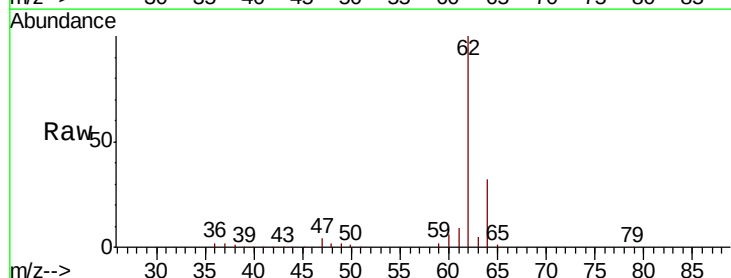
Acq: 12 Feb 2020 13:13

Tgt Ion: 62 Resp: 419943

Ion Ratio Lower Upper

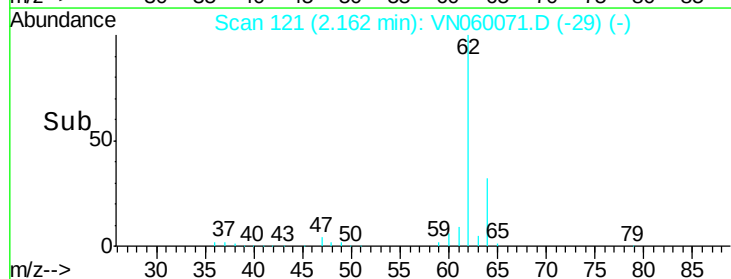
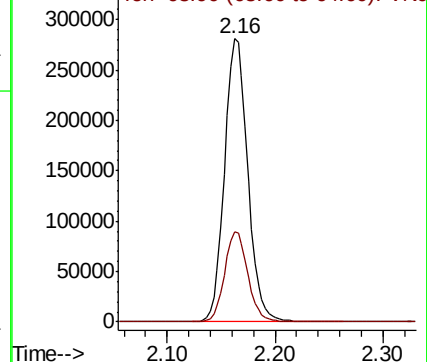
62 100

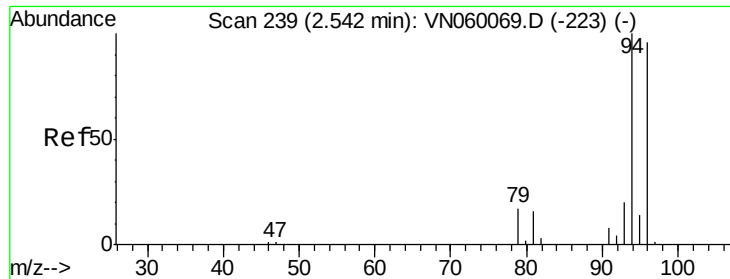
64 31.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

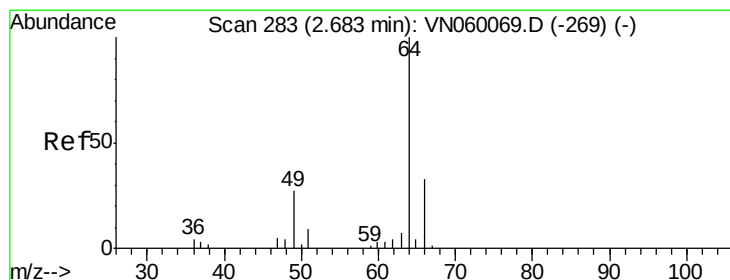
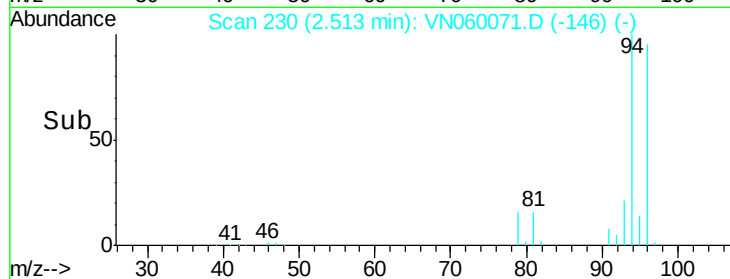
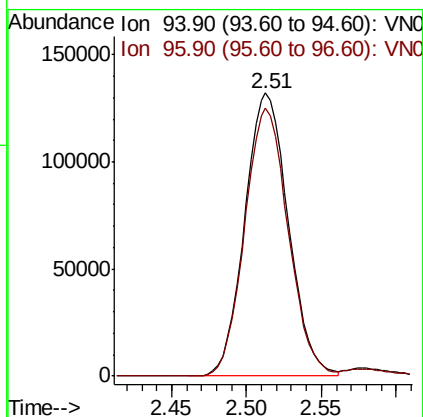
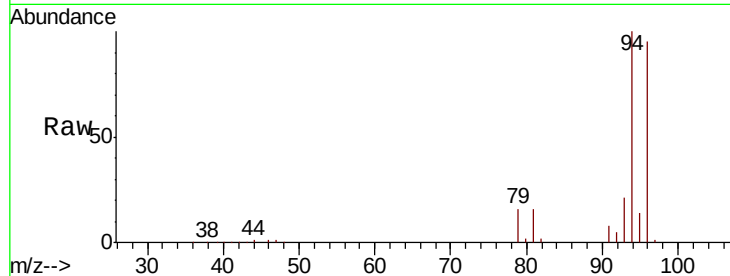




#5
Bromomethane
Concen: 148.975 ug/l
RT: 2.51 min Scan# 230
Delta R.T. -0.03 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

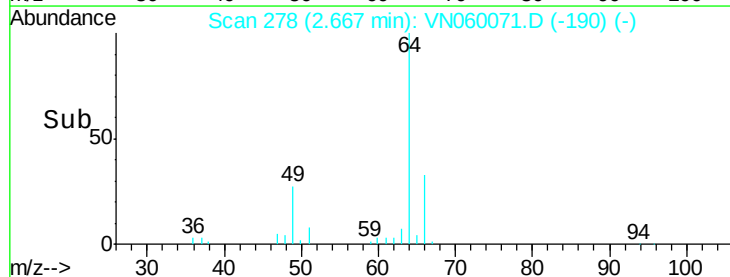
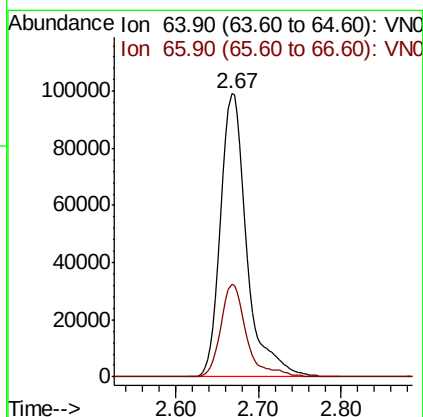
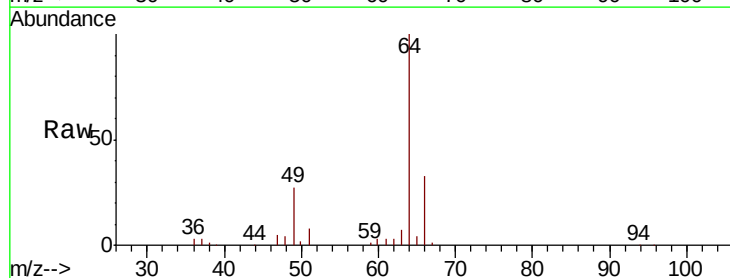
Instrument :
MSVOA_N
ClientSampled :

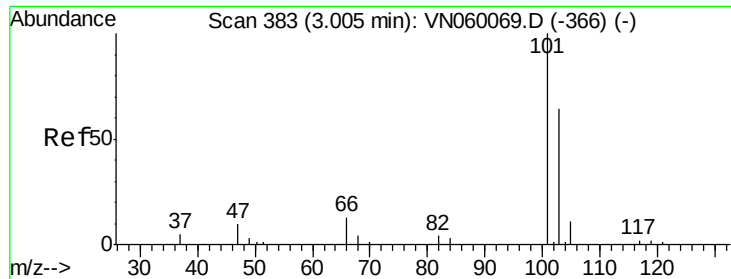
Tot Ion: 94 Resp: 267709
Ion Ratio Lower Upper
94 100
96 94.6 76.7 115.1



#6
Chloroethane
Concen: 147.074 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.02 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 64 Resp: 218009
Ion Ratio Lower Upper
64 100
66 32.8 26.6 40.0



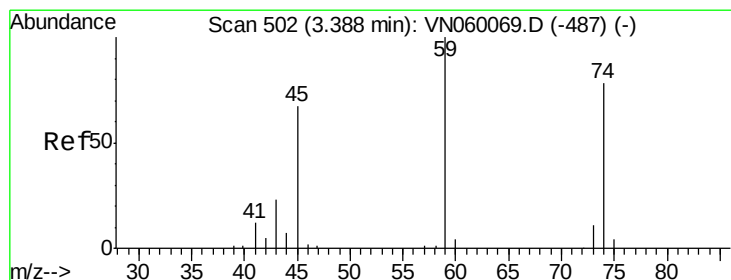
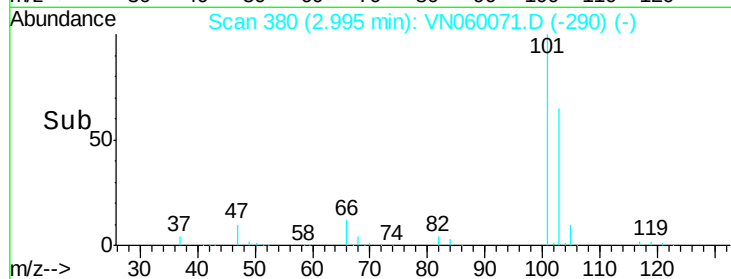
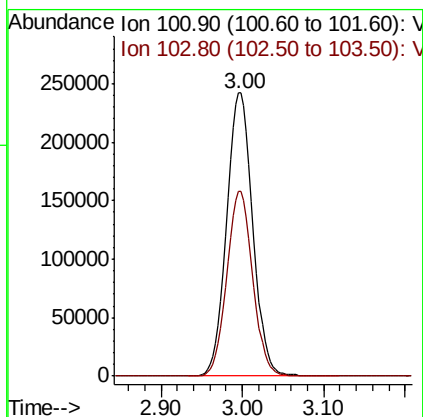
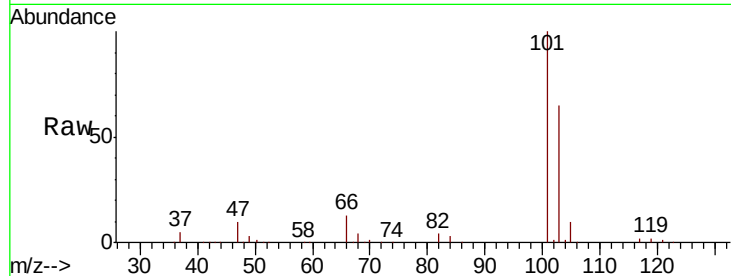


#7

Trichlorofluoromethane
 Concen: 144.410 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Instrument :
 MSVOA_N
 ClientSampleId :

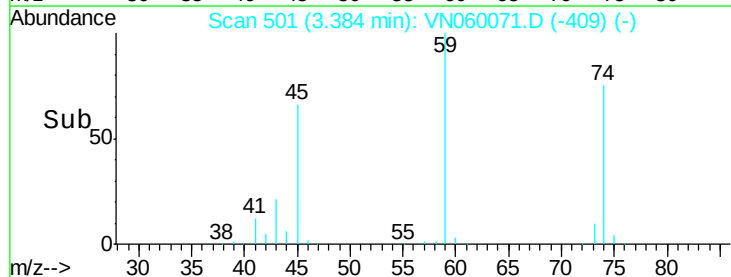
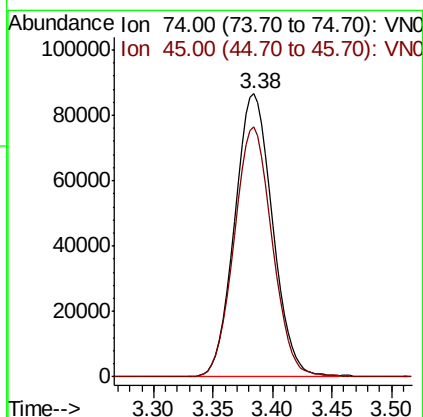
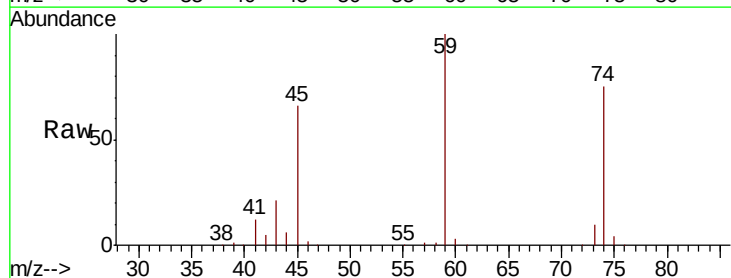
Tot Ion:101 Resp: 545651
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.6

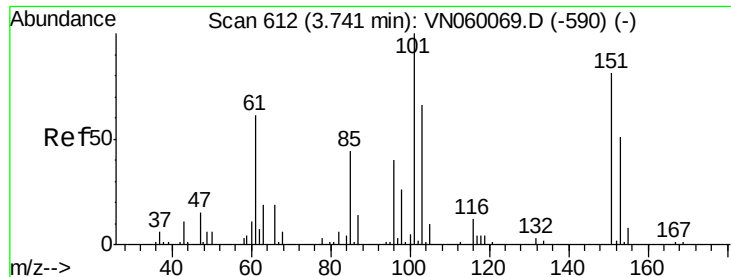


#8

Diethyl Ether
 Concen: 152.102 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 74 Resp: 191310
 Ion Ratio Lower Upper
 74 100
 45 88.5 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.611 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

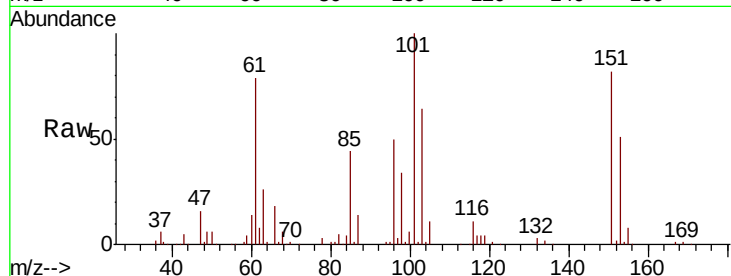
Tot Ion:101 Resp: 303364

Ion Ratio Lower Upper

101 100

85 44.2 35.1 52.7

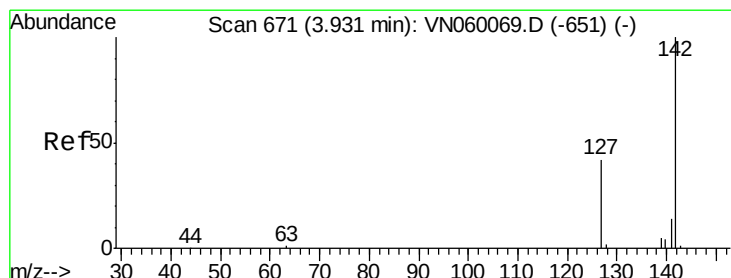
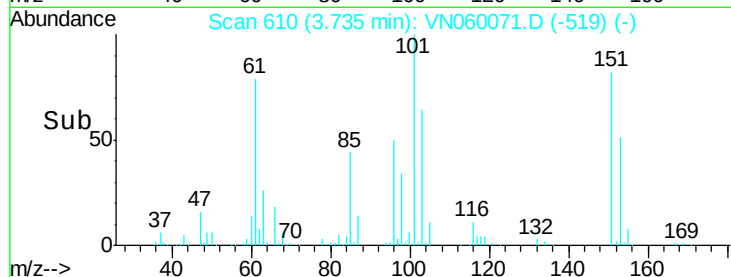
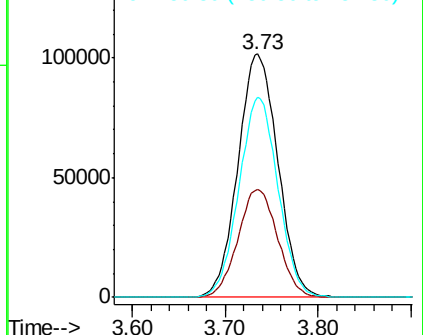
151 80.6 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 167.992 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

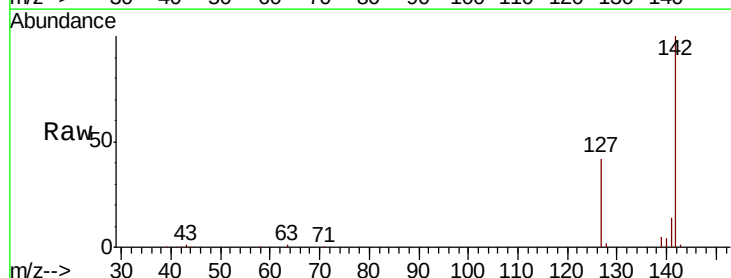
Tgt Ion:142 Resp: 436724

Ion Ratio Lower Upper

142 100

127 42.7 33.6 50.4

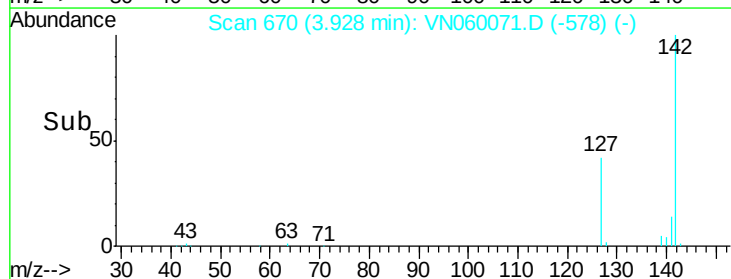
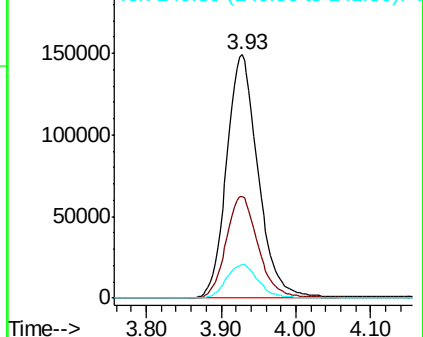
141 14.1 11.4 17.2

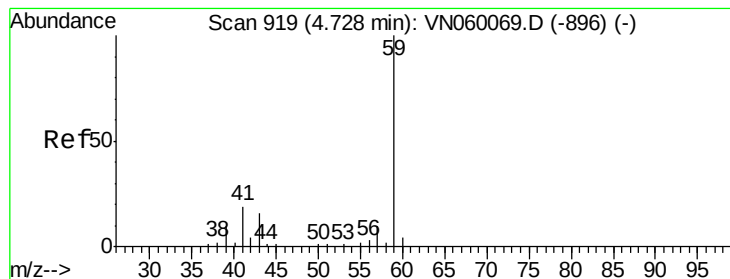


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



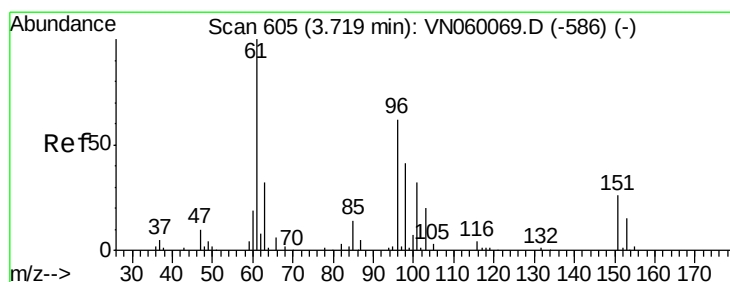
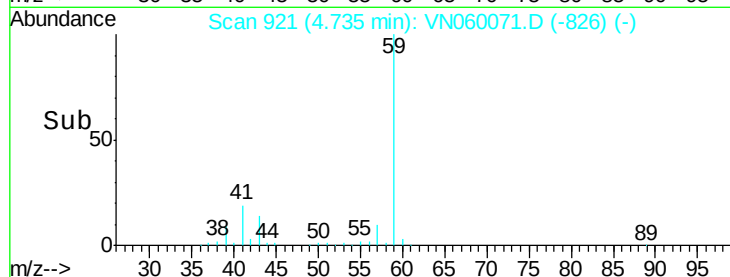
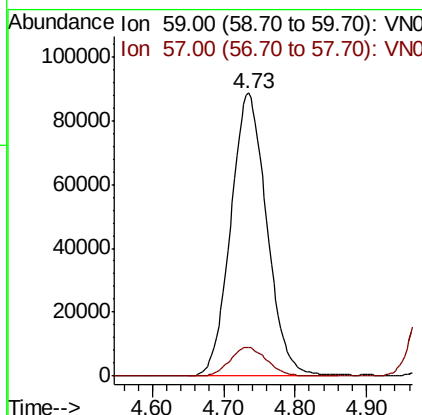
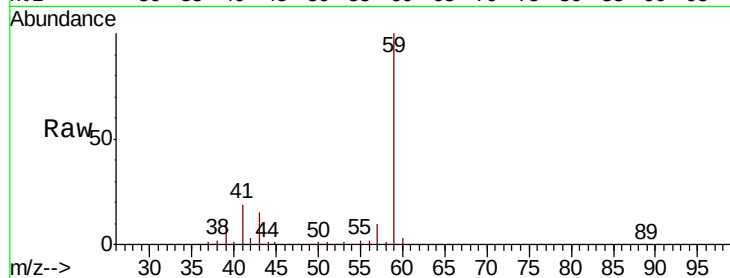


#11

Tert butyl alcohol
Concen: 791.875 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.01 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :

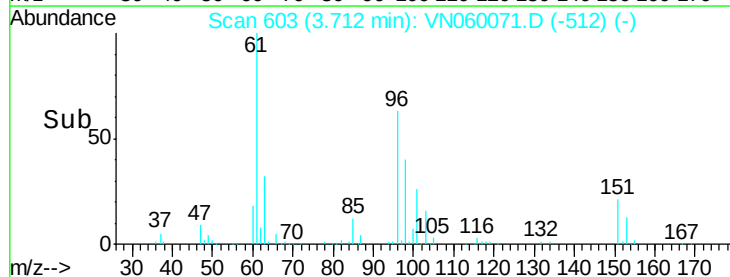
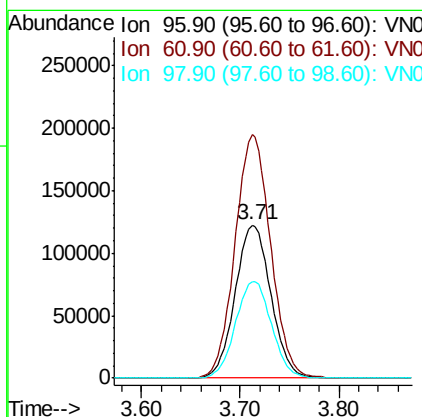
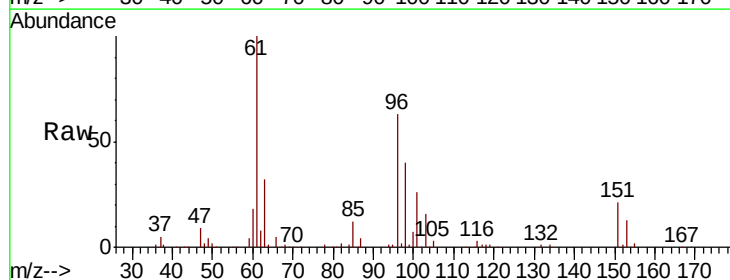
Tot Ion: 59 Resp: 311676
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

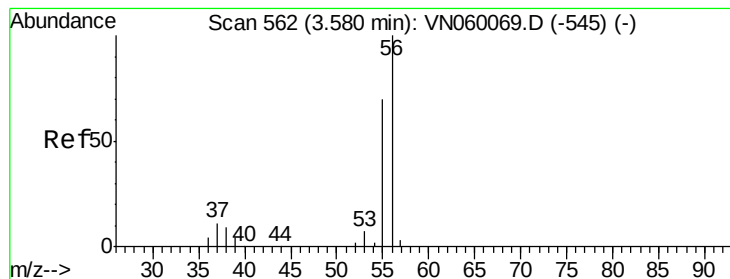


#12

1,1-Dichloroethene
Concen: 150.646 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.01 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 96 Resp: 307863
Ion Ratio Lower Upper
96 100
61 159.4 128.3 192.5
98 63.5 52.2 78.4





#13

Acrolein

Concen: 823.550 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

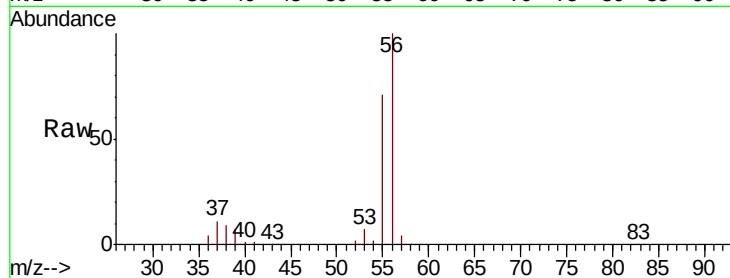
ClientSampled :

Tot Ion: 56 Resp: 320396

Ion Ratio Lower Upper

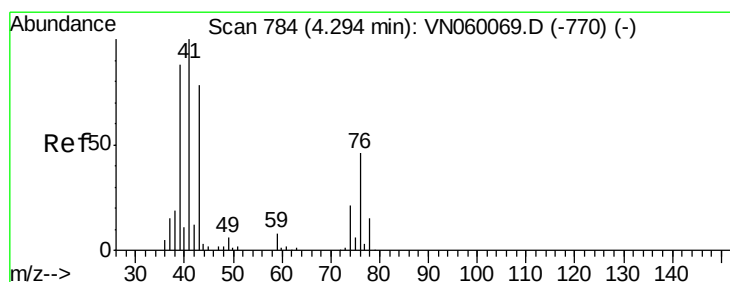
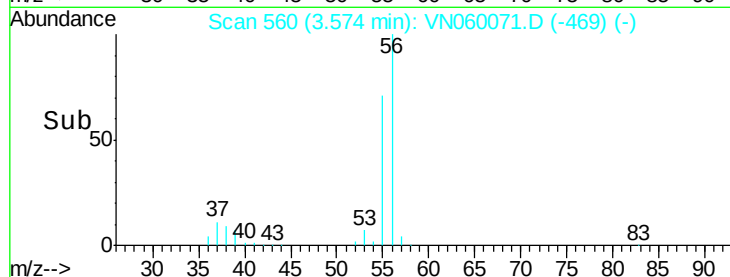
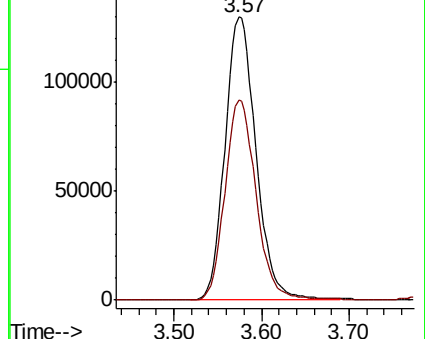
56 100

55 71.1 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060071.D (-469) (-)

Ion 55.00 (54.70 to 55.70): VN060071.D (-469) (-)



#14

Allyl chloride

Concen: 147.289 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

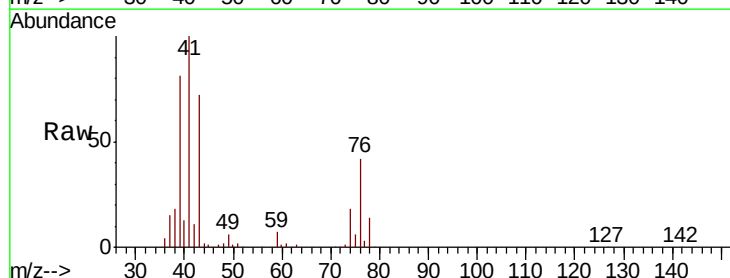
Tgt Ion: 41 Resp: 443027

Ion Ratio Lower Upper

41 100

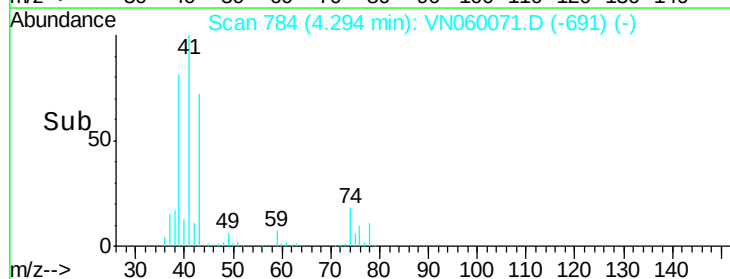
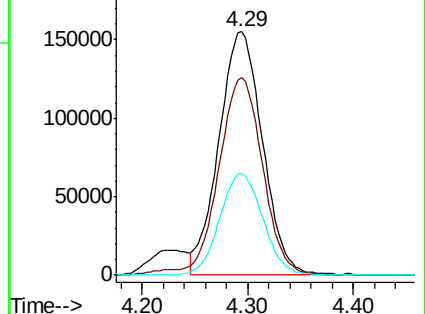
39 83.0 67.8 101.8

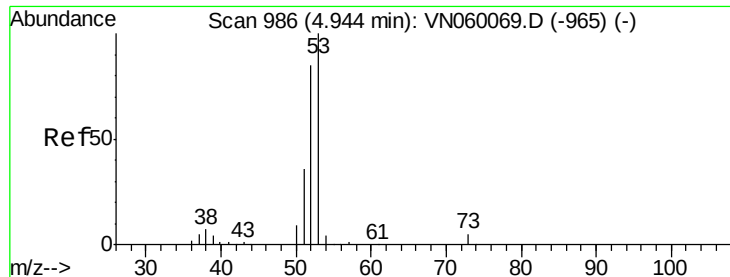
76 41.6 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060071.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060071.D (-691) (-)





#15

Acrylonitrile

Concen: 816.175 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

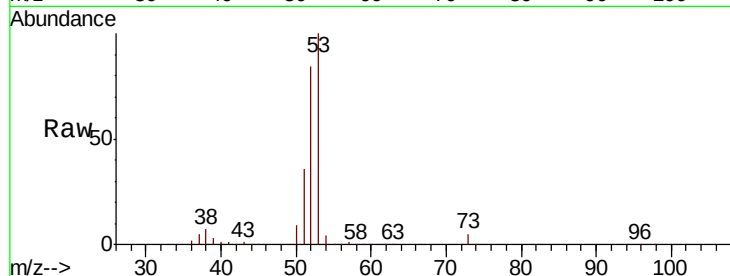
Tot Ion: 53 Resp: 784513

Ion Ratio Lower Upper

53 100

52 83.6 66.8 100.2

51 37.1 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060071.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060071.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060071.D (-893) (-)

4.94

250000

200000

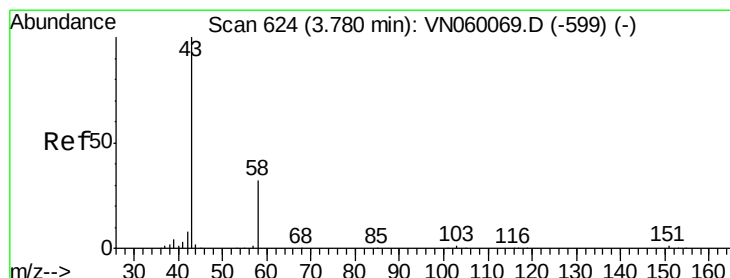
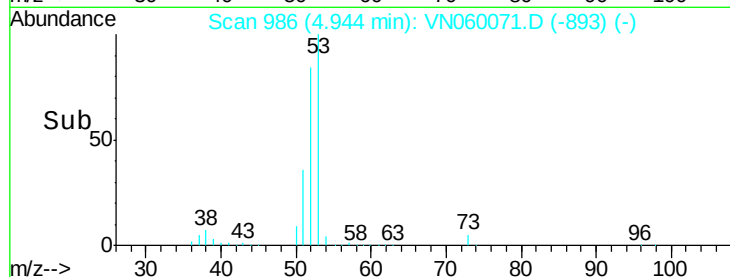
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 746.629 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060071.D

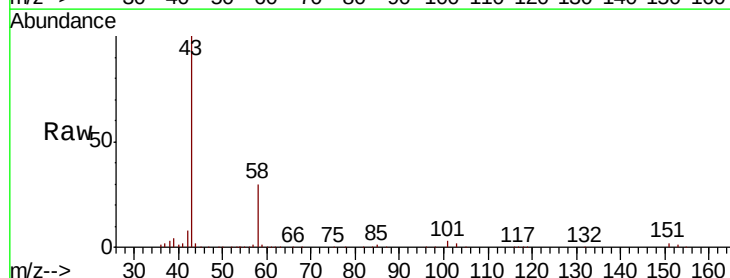
Acq: 12 Feb 2020 13:13

Tgt Ion: 43 Resp: 856585

Ion Ratio Lower Upper

43 100

58 30.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060071.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060071.D (-531) (-)

3.78

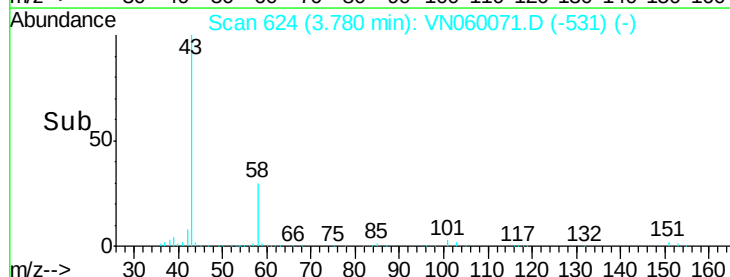
300000

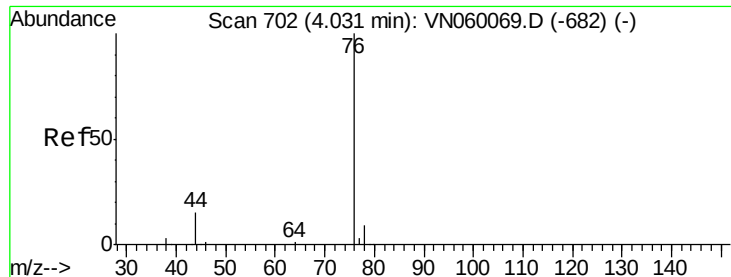
200000

100000

0

Time-->





#17

Carbon Disulfide

Concen: 148.573 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

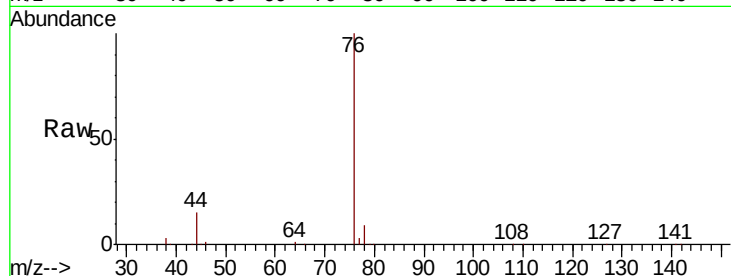
ClientSampled :

Tot Ion: 76 Resp: 915180

Ion Ratio Lower Upper

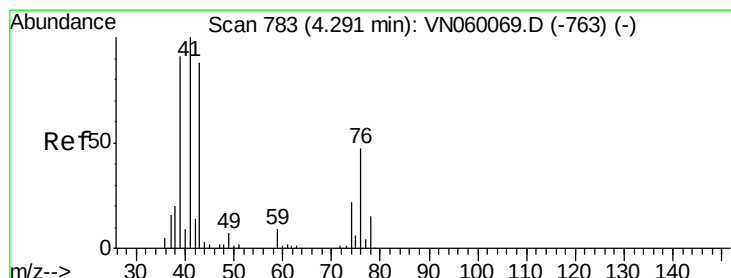
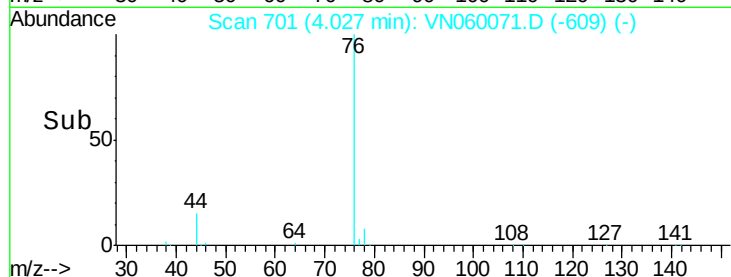
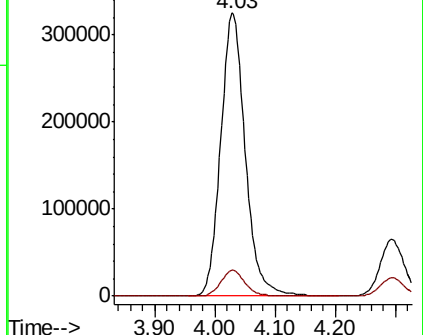
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-682) (-)

Ion 77.90 (77.60 to 78.60): VN060069.D (-682) (-)



#18

Methyl Acetate

Concen: 157.350 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN060071.D

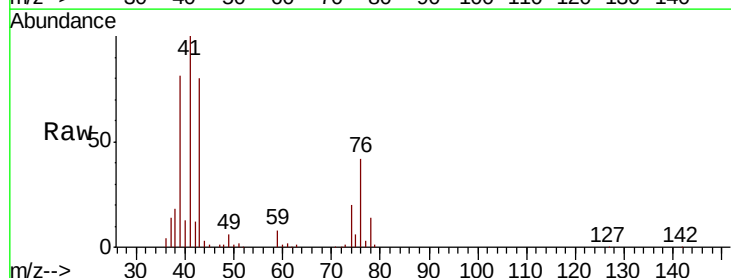
Acq: 12 Feb 2020 13:13

Tgt Ion: 43 Resp: 339113

Ion Ratio Lower Upper

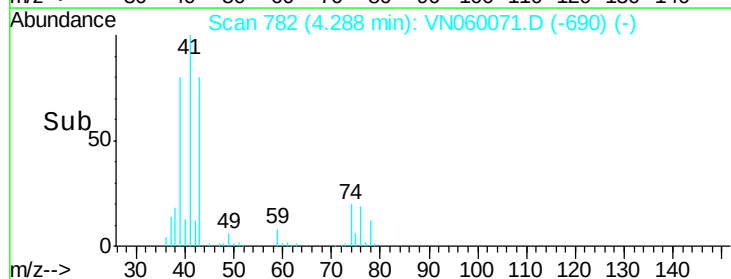
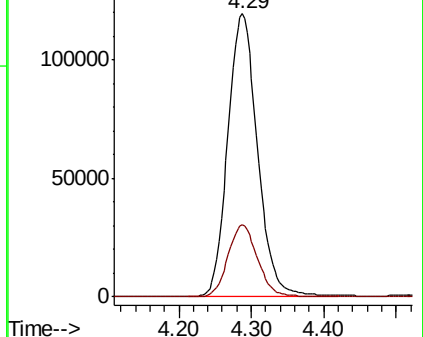
43 100

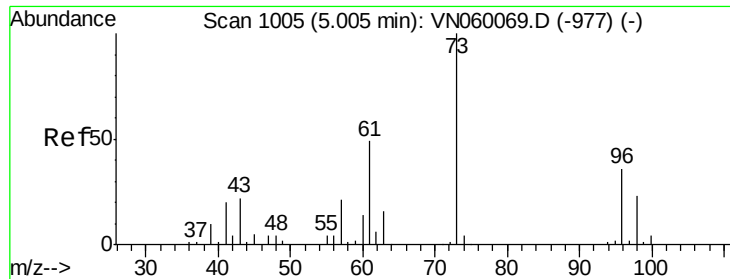
74 25.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-763) (-)

Ion 74.00 (73.70 to 74.70): VN060069.D (-763) (-)

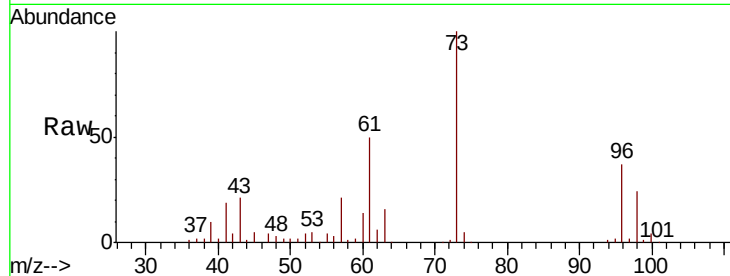




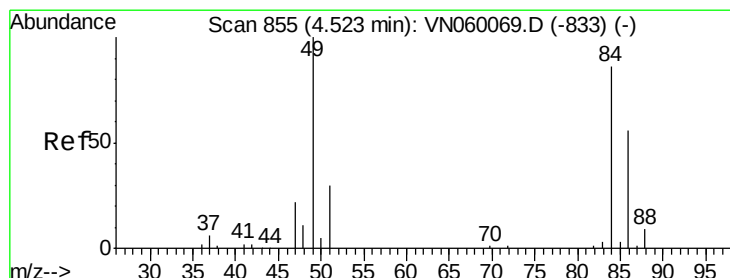
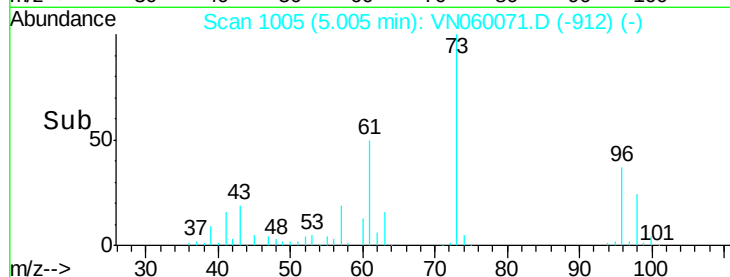
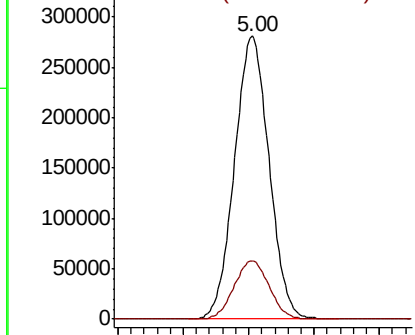
#19
Methyl tert-butyl Ether
Concen: 150.257 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 1032647
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8

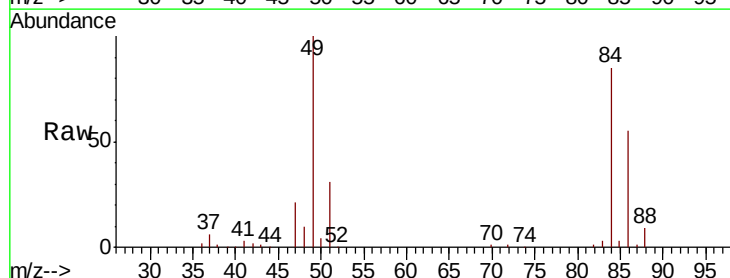


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

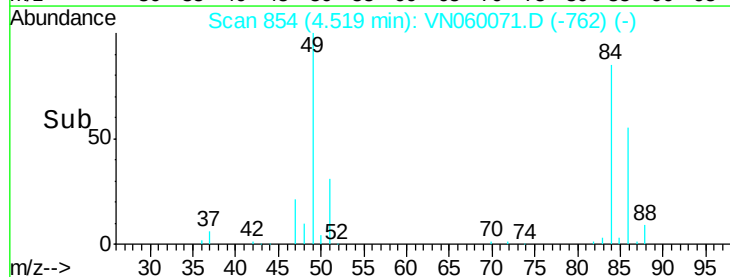
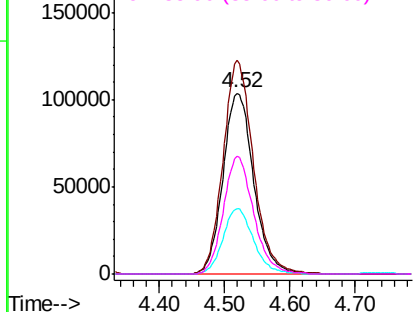


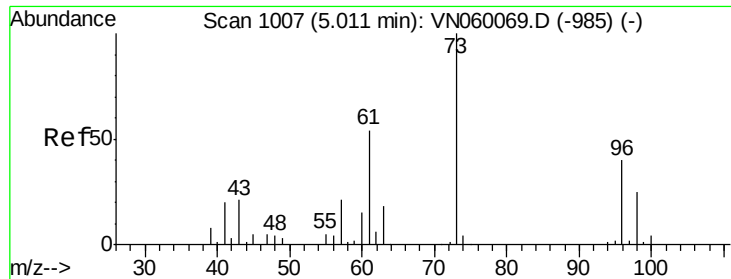
#20
Methylene Chloride
Concen: 148.186 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 84 Resp: 339182
Ion Ratio Lower Upper
84 100
49 118.1 93.4 140.0
51 36.1 28.4 42.6
86 65.1 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 149.613 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampled :

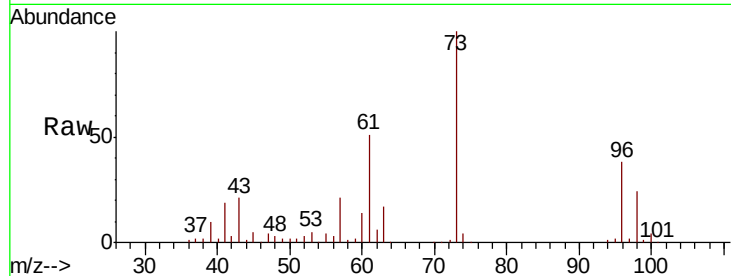
Tot Ion: 96 Resp: 333292

Ion Ratio Lower Upper

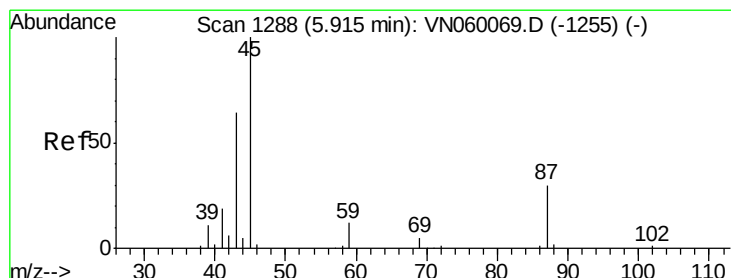
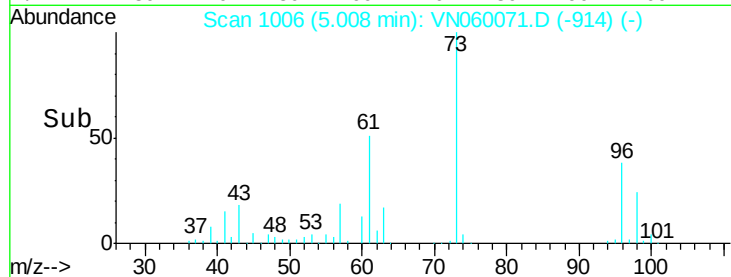
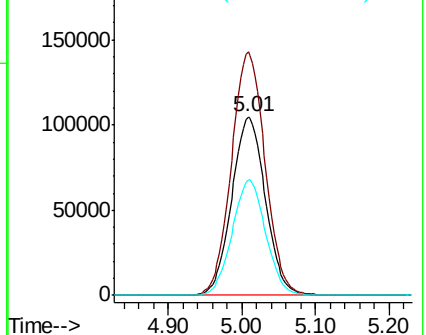
96 100

61 136.3 109.3 163.9

98 64.9 51.0 76.6



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



#22

Diisopropyl ether

Concen: 155.144 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Tgt Ion: 45 Resp: 1022721

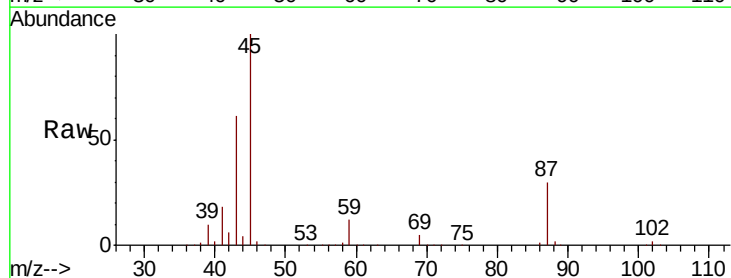
Ion Ratio Lower Upper

45 100

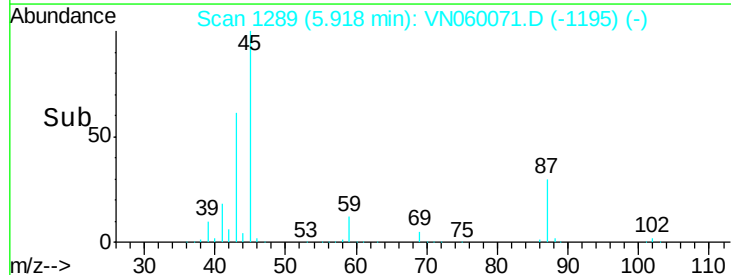
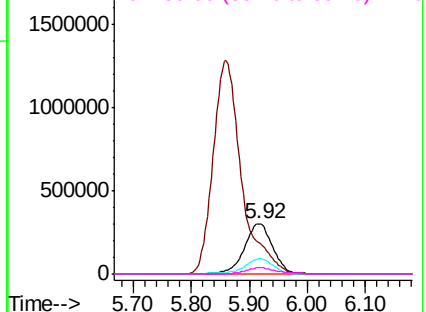
43 60.2 55.9 83.9

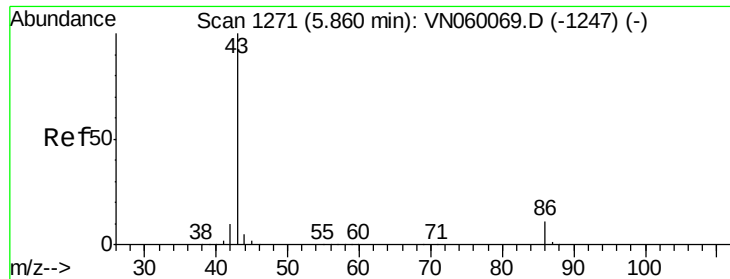
87 30.2 24.5 36.7

59 12.0 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 787.712 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

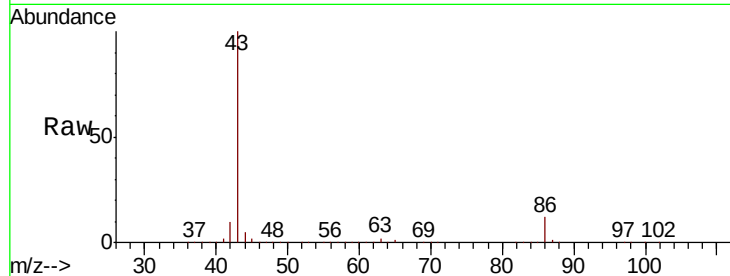
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4360632

Ion Ratio Lower Upper

43 100

86 11.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060071.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060071.D (-1178) (-)

1500000

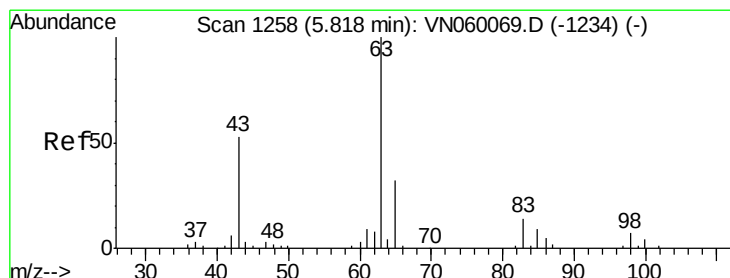
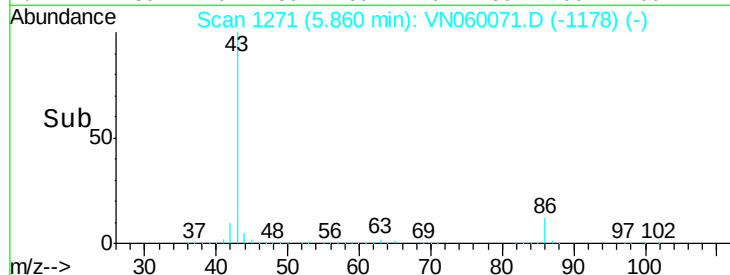
1000000

500000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 148.017 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

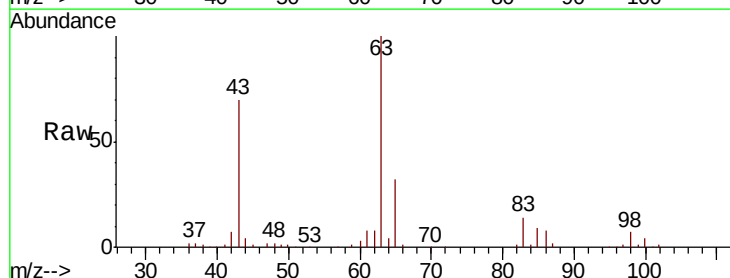
Tgt Ion: 63 Resp: 591093

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060071.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060071.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060071.D (-1165) (-)

250000

200000

150000

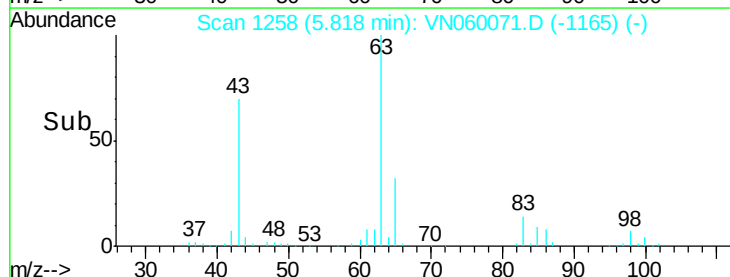
100000

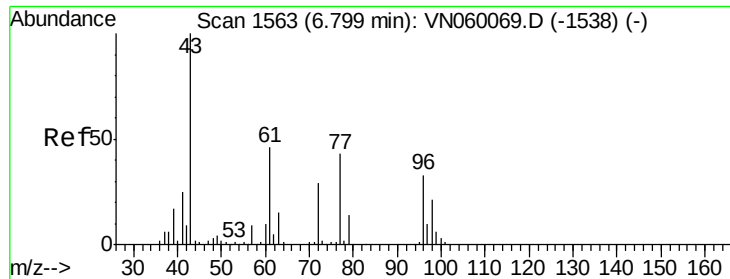
50000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 791.711 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

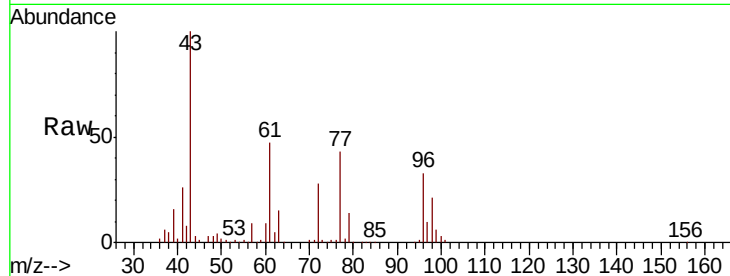
ClientSampled :

Tot Ion: 43 Resp: 1142355

Ion Ratio Lower Upper

43 100

72 28.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.80

400000

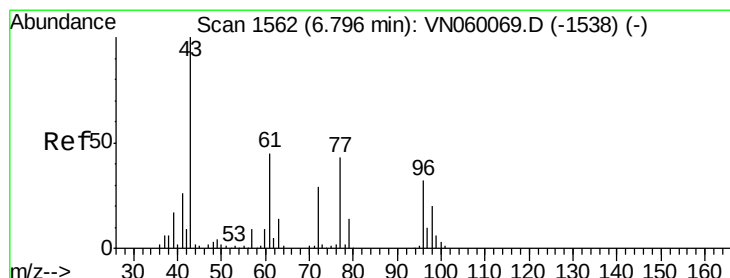
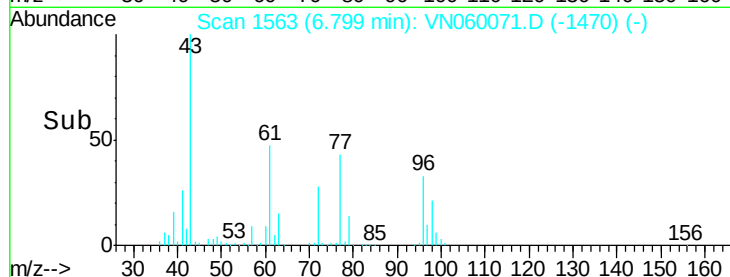
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 146.710 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060071.D

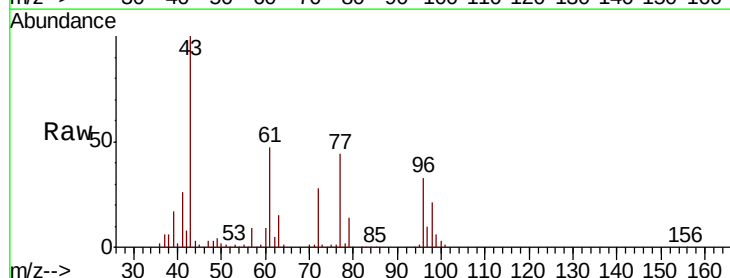
Acq: 12 Feb 2020 13:13

Tgt Ion: 77 Resp: 556470

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.80

200000

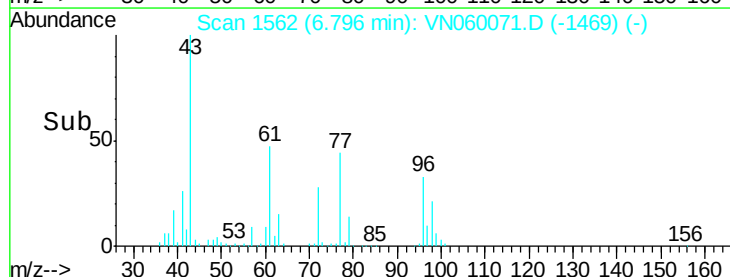
150000

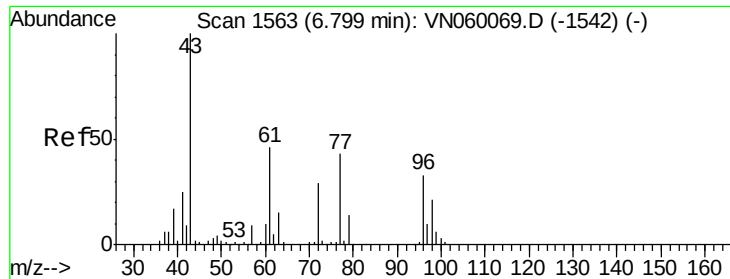
100000

50000

0

Time-->



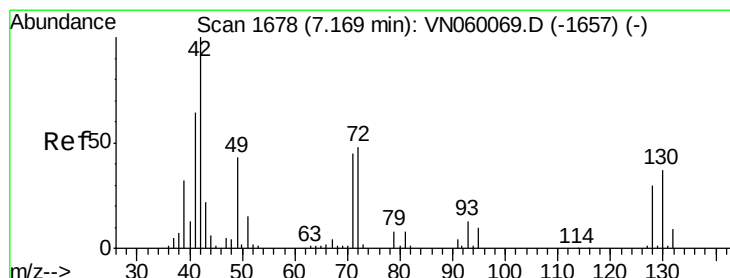
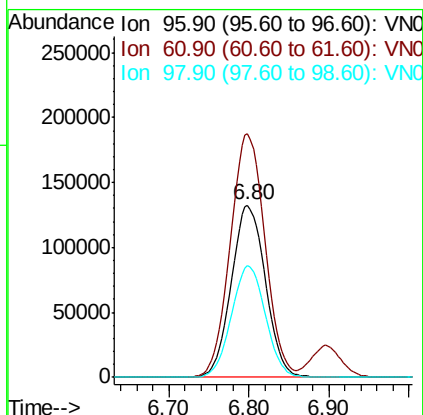
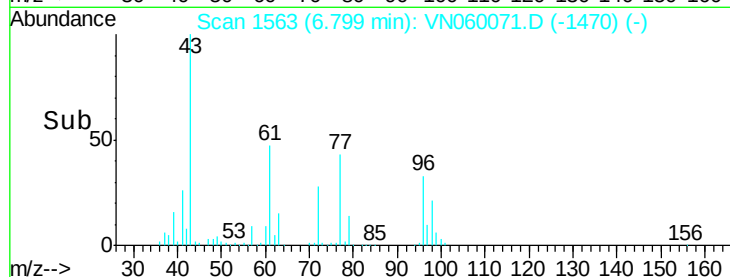
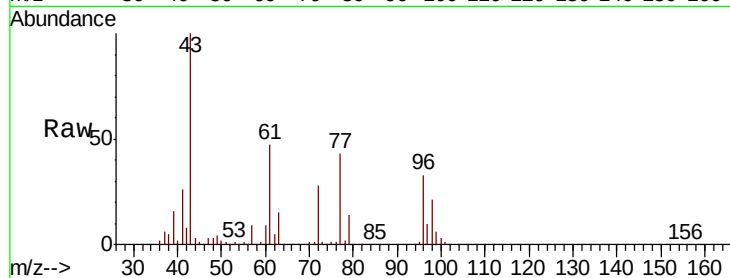


#27

cis-1,2-Dichloroethene
Concen: 146.842 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampled :

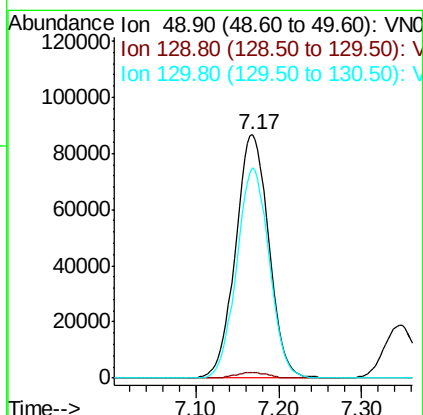
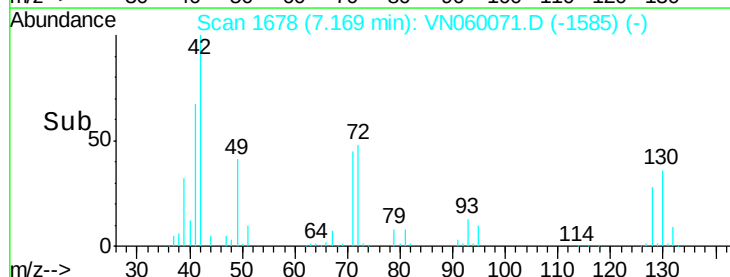
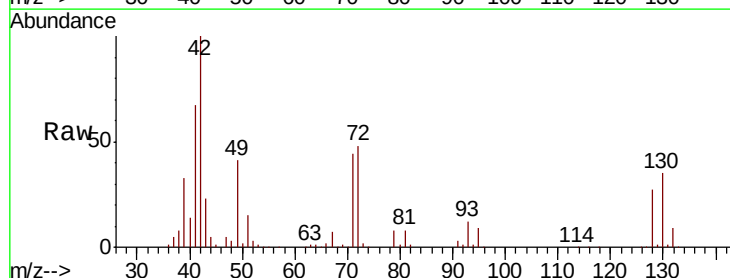
Tot Ion	96	Resp	382830
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	285.8
98	64.6	0.0	129.6

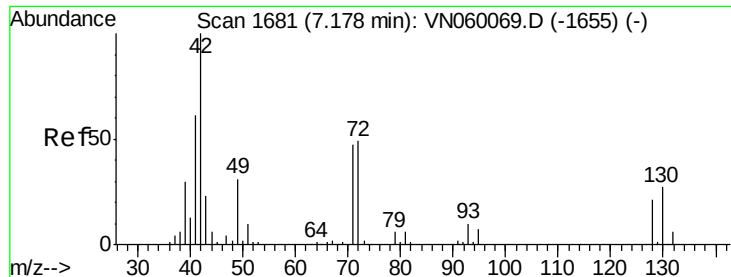


#28

Bromochloromethane
Concen: 154.000 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion	49	Resp	241773
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2#
130	84.6	66.8	100.2

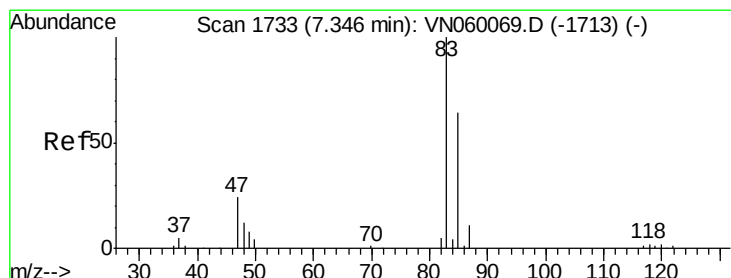
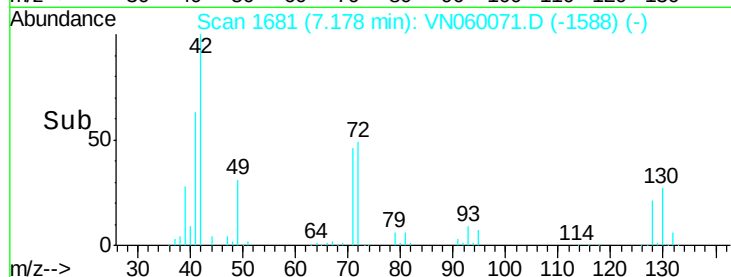
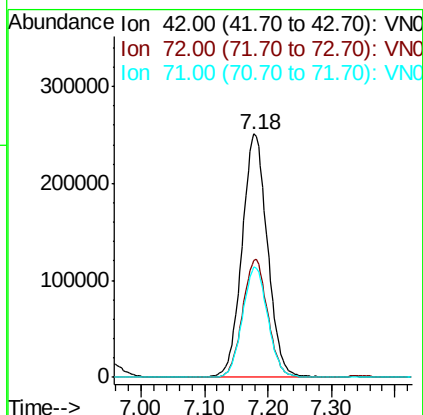
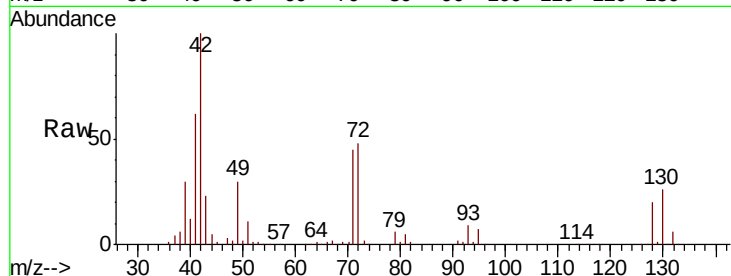




#29
Tetrahydrofuran
Concen: 789.021 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

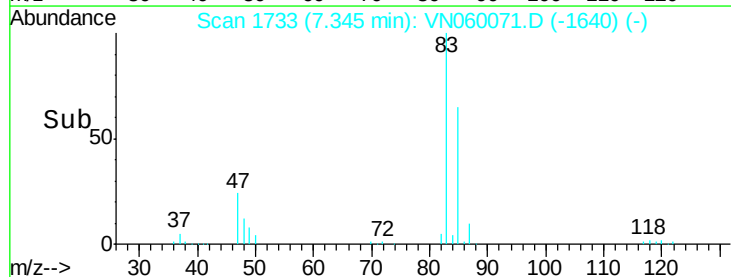
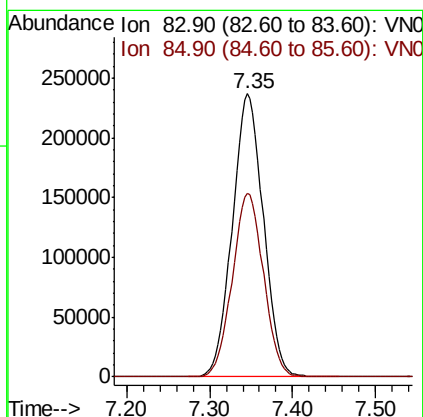
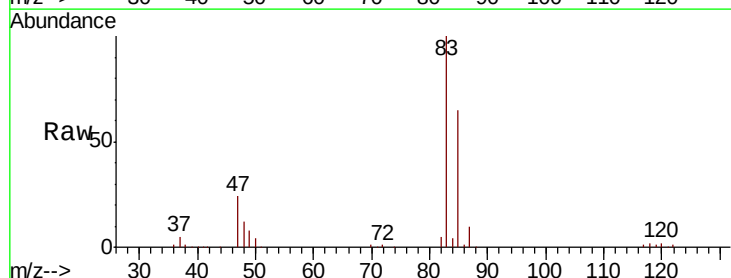
Instrument :
MSVOA_N
ClientSampled :

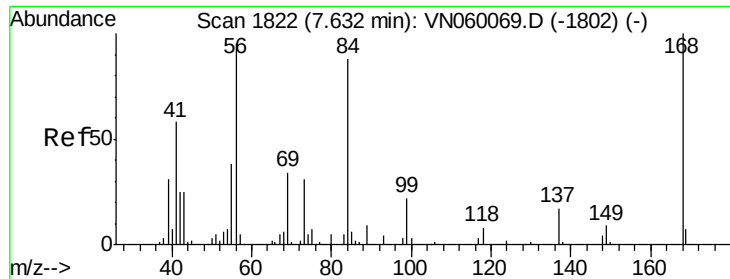
Tot Ion: 42 Resp: 698432
Ion Ratio Lower Upper
42 100
72 47.7 38.2 57.4
71 44.9 36.6 54.8



#30
Chloroform
Concen: 147.392 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 83 Resp: 616569
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0

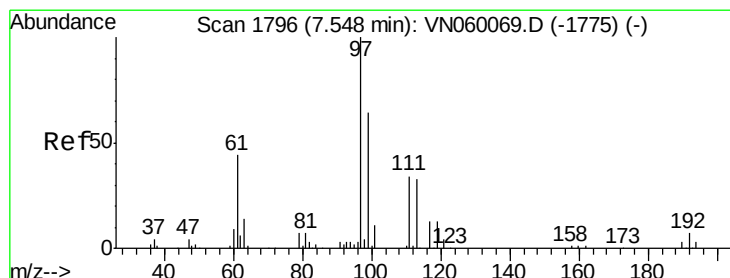
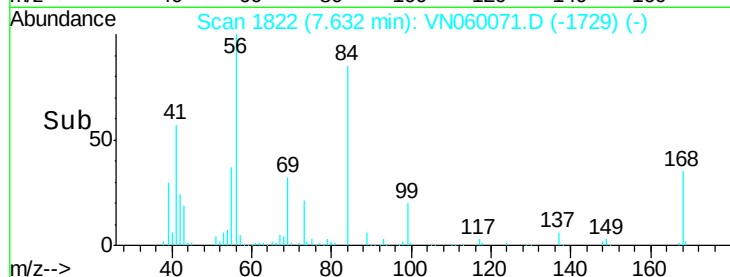
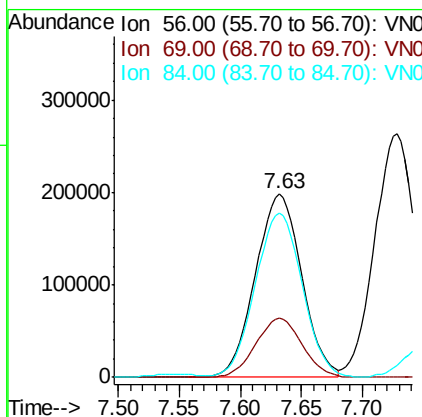
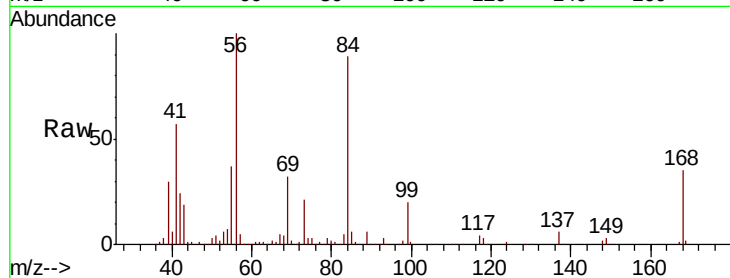




#31
Cyclohexane
Concen: 140.946 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

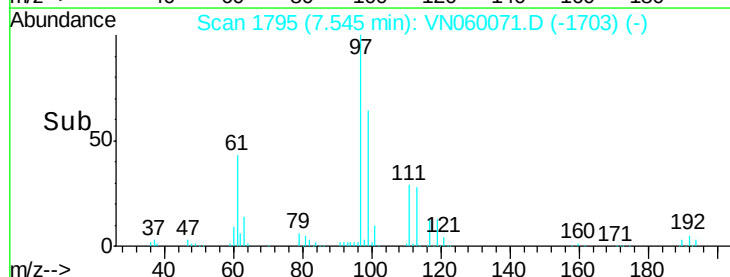
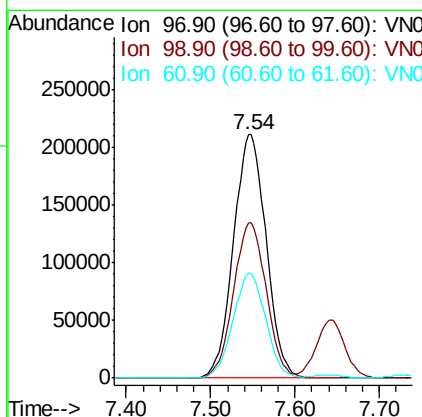
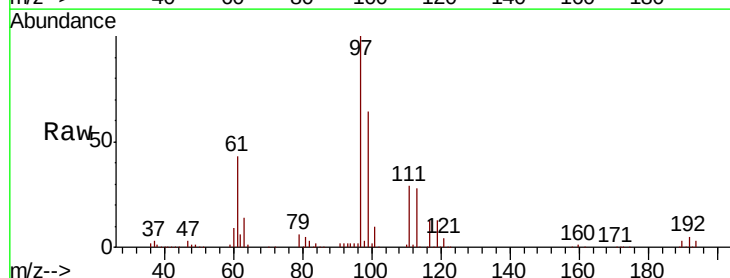
Instrument :
MSVOA_N
ClientSampled :

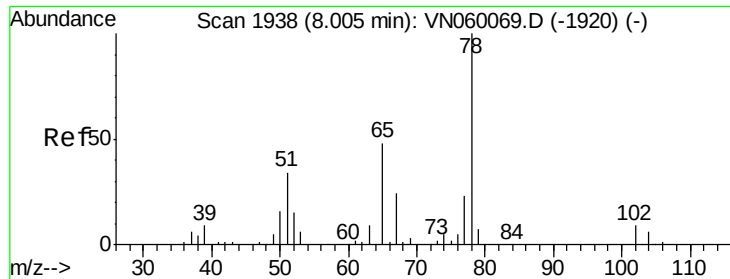
Tot Ion	56	Resp	524317
Ion	Ratio	Lower	Upper
56	100		
69	32.3	28.3	42.5
84	87.7	72.6	108.8



#32
1,1,1-Trichloroethane
Concen: 148.582 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion	97	Resp	567988
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	43.1	34.9	52.3

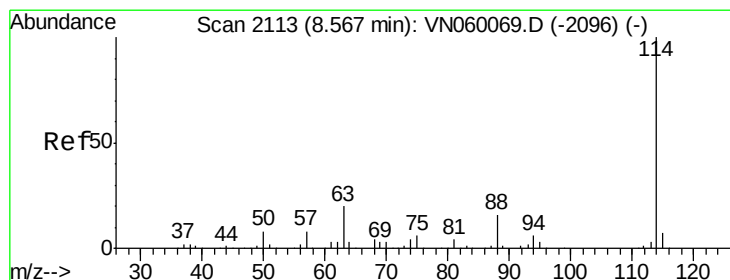
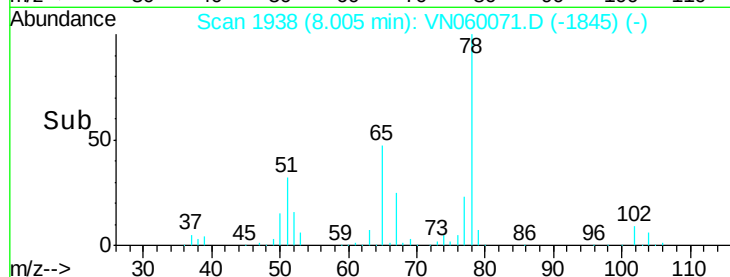
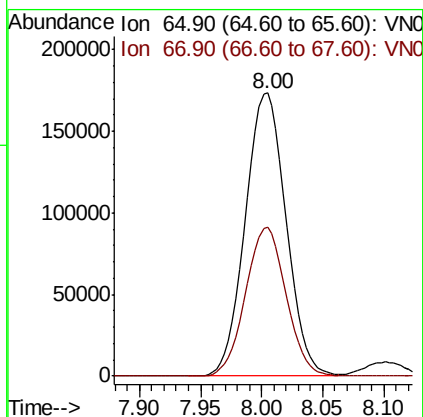
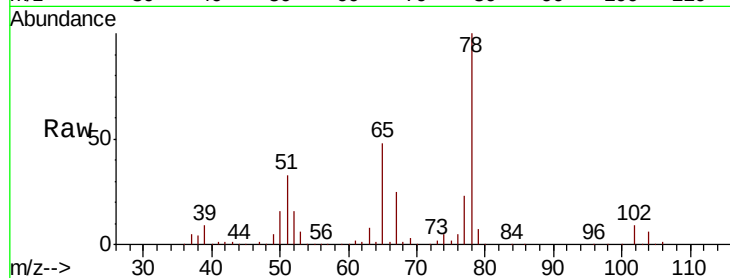




#33
 1,2-Dichloroethane-d4
 Concen: 152.873 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

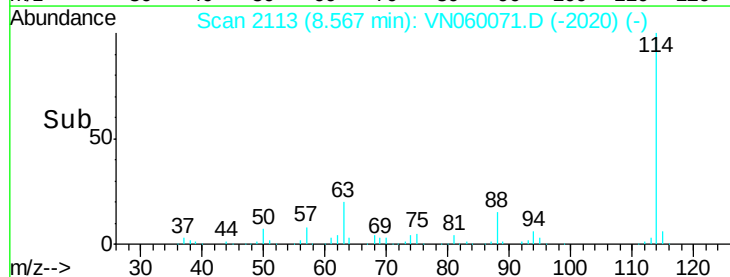
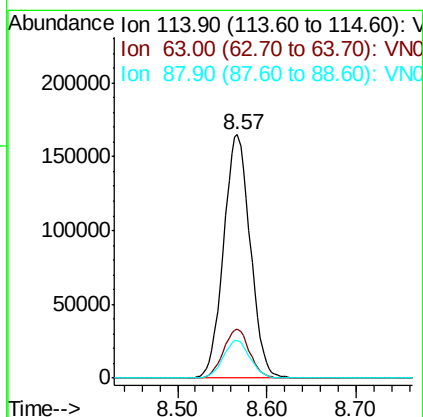
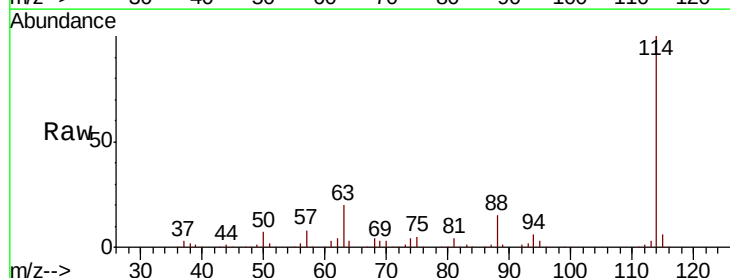
Instrument :
 MSVOA_N
 ClientSampleId :

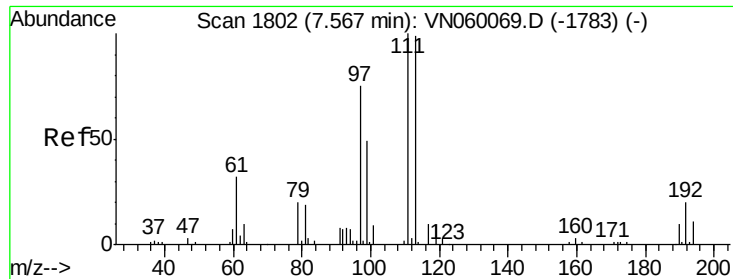
Tot Ion: 65 Resp: 402084
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 114 Resp: 341296
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.5 0.0 31.6

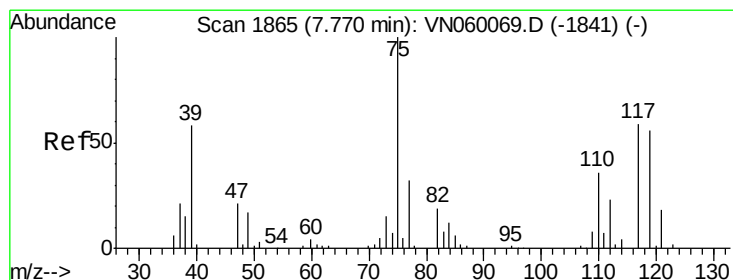
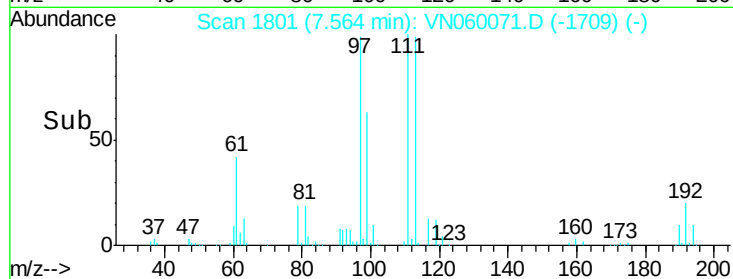
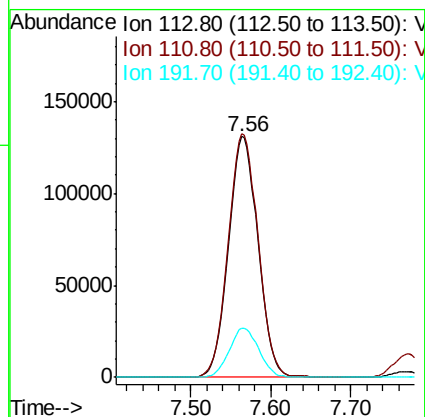
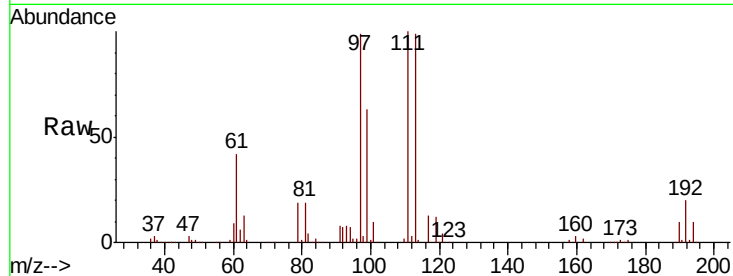




#35
 Dibromofluoromethane
 Concen: 156.553 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

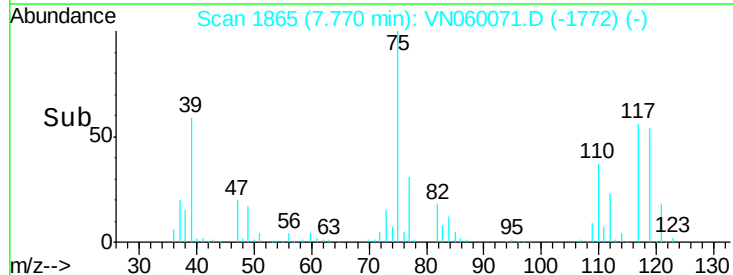
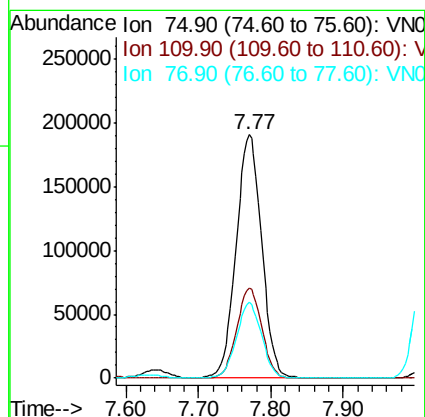
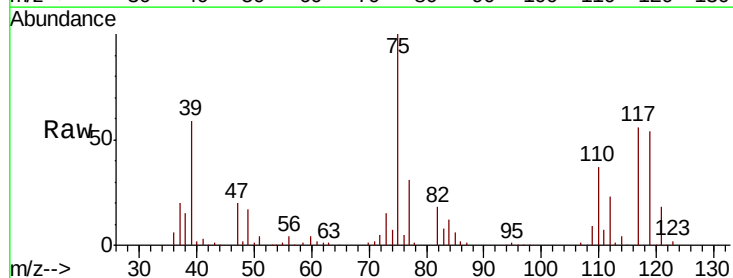
Instrument :
 MSVOA_N
 ClientSampled :

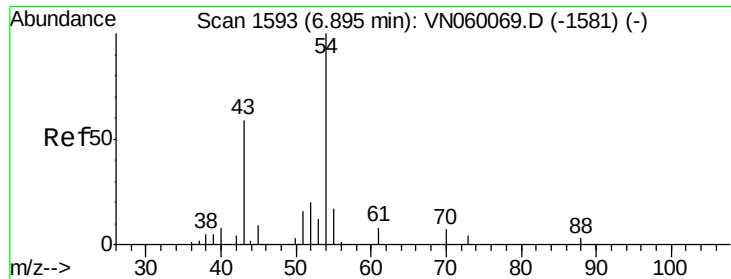
Tot Ion:113 Resp: 328441
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 20.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 147.761 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 75 Resp: 467104
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.3
 77 30.8 25.1 37.7

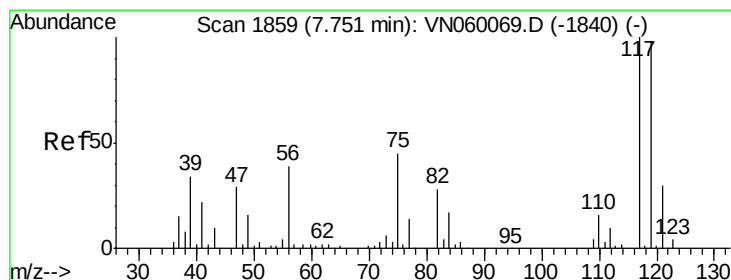
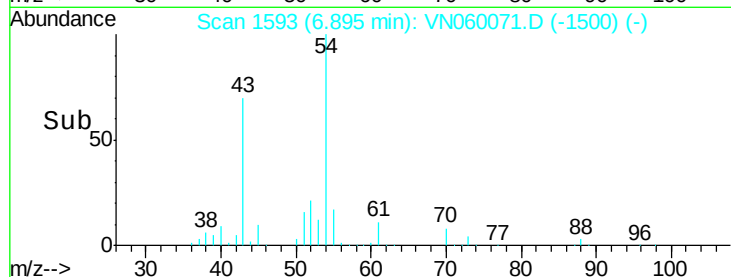
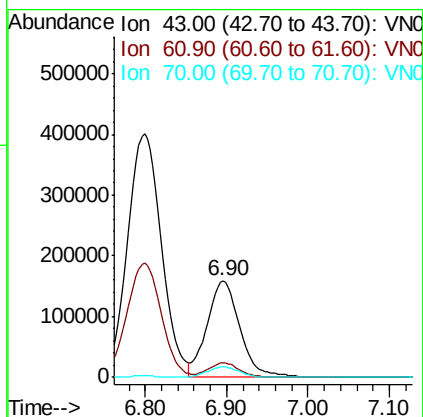
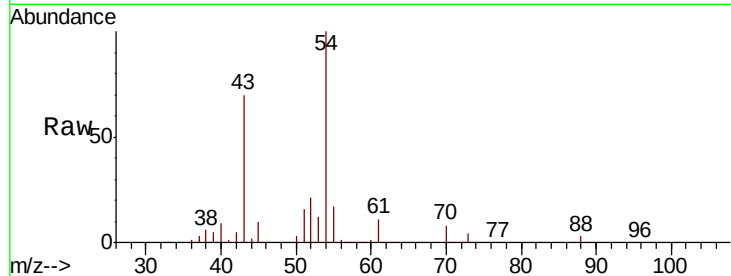




#37
Ethyl Acetate
Concen: 156.580 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

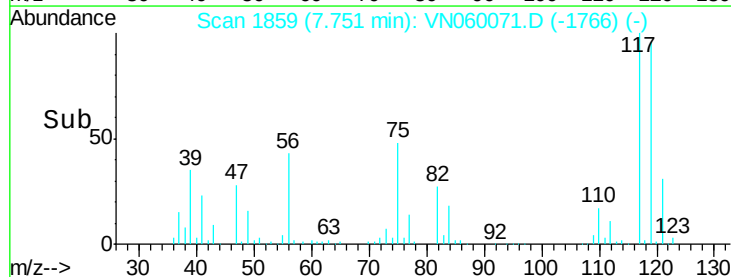
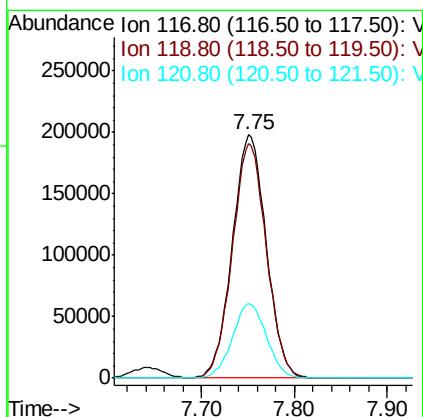
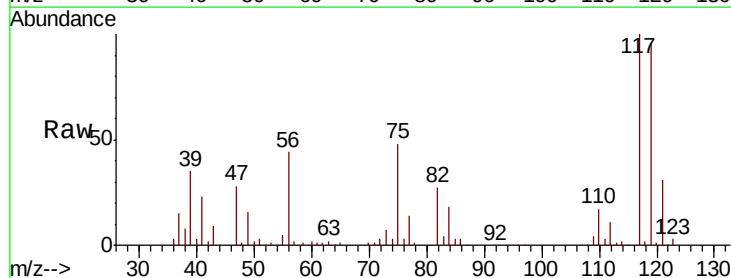
Instrument :
MSVOA_N
ClientSampled :

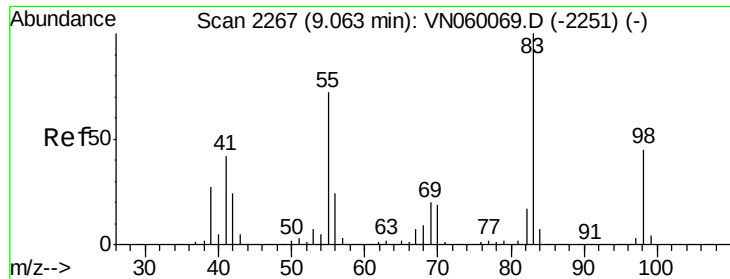
Tot Ion: 43 Resp: 447352
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.2
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 146.463 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 117 Resp: 502840
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.4
121 30.8 24.2 36.2

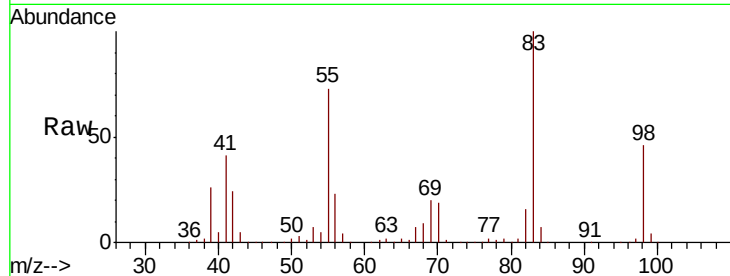




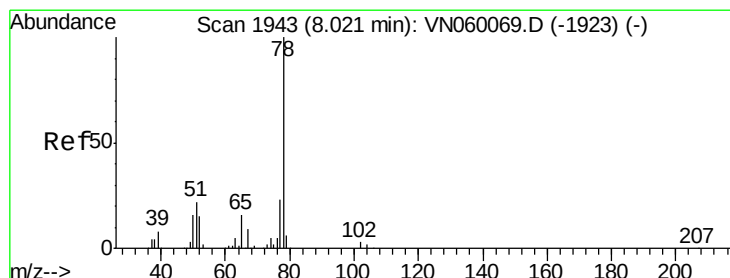
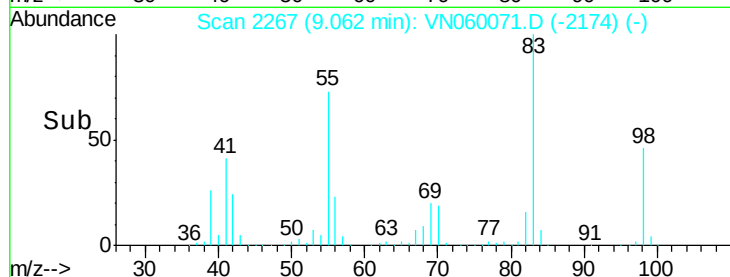
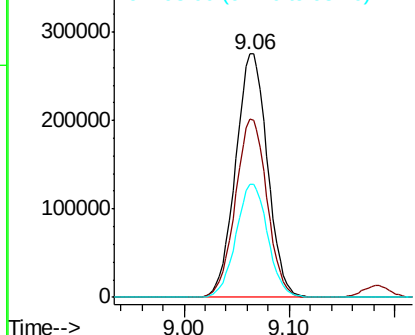
#39
Methylvlcyclohexane
Concen: 147.159 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 577470
Ion Ratio Lower Upper
83 100
55 73.1 57.8 86.8
98 46.2 36.4 54.6

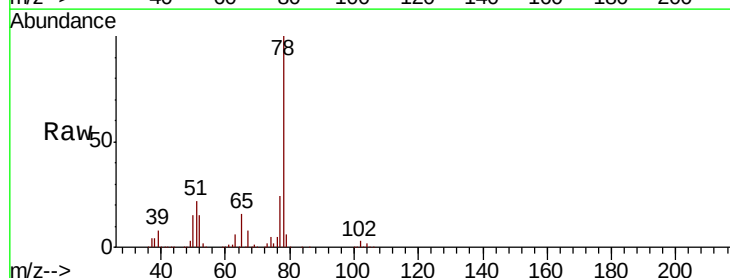


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

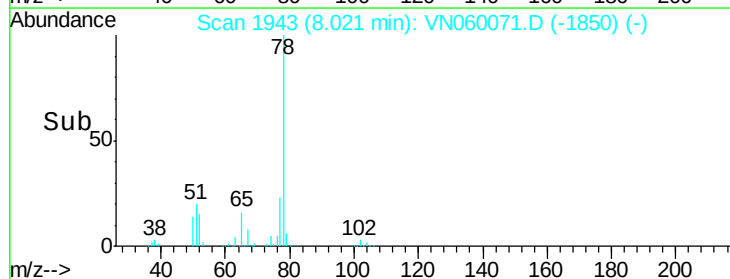
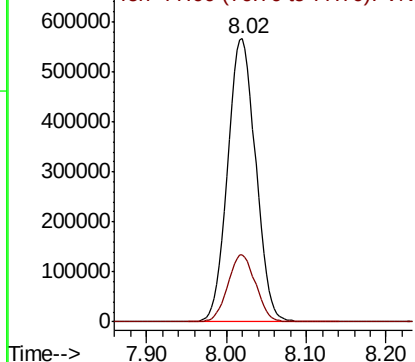


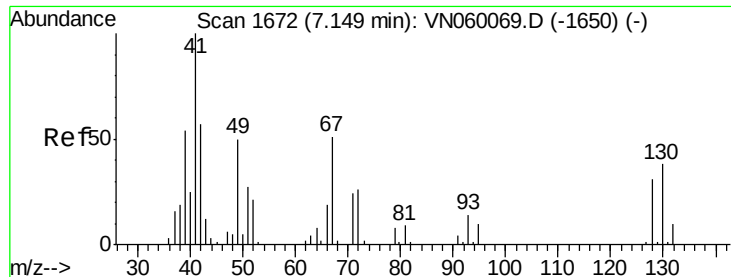
#40
Benzene
Concen: 144.539 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 78 Resp: 1355403
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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





#41

Methacrylonitrile

Concen: 205.744 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.03 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 647584

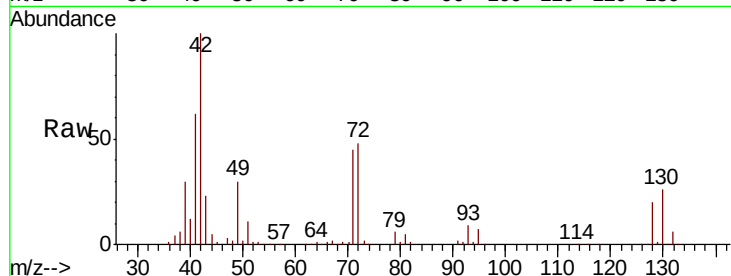
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

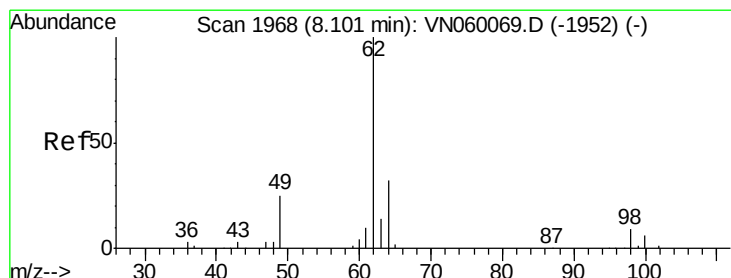
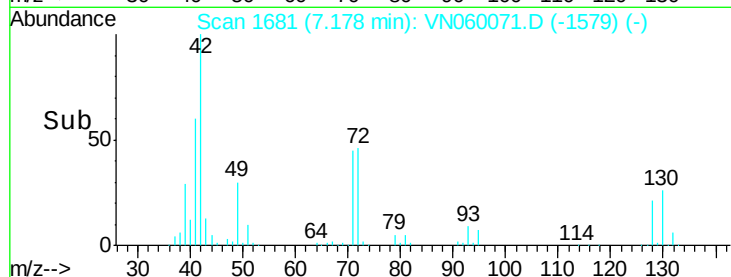
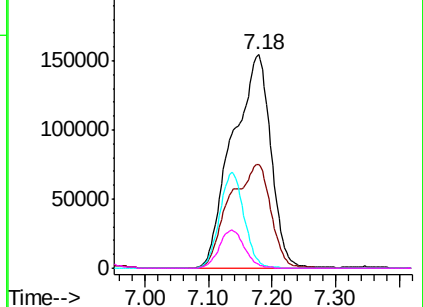


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 148.117 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN060071.D

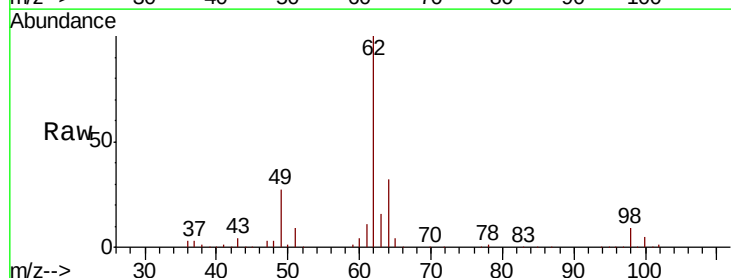
Acq: 12 Feb 2020 13:13

Tgt Ion: 62 Resp: 486804

Ion Ratio Lower Upper

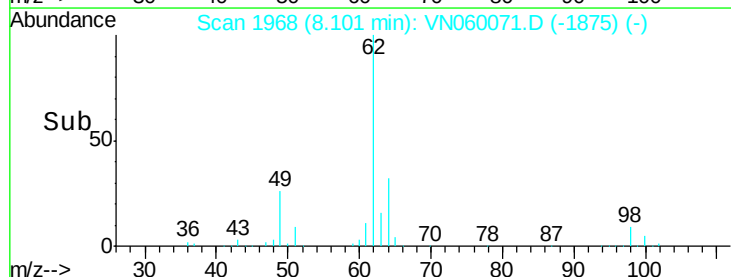
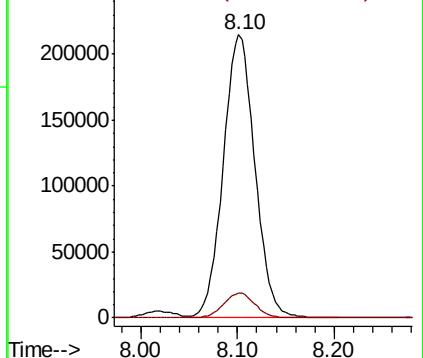
62 100

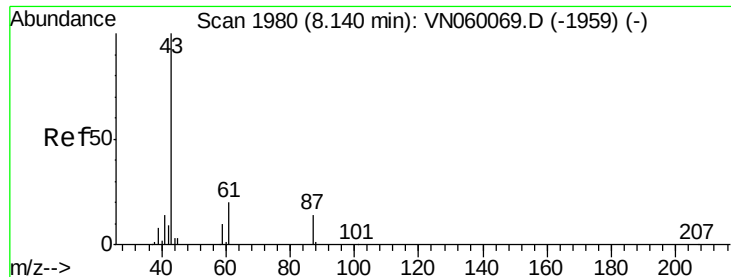
98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 155.289 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

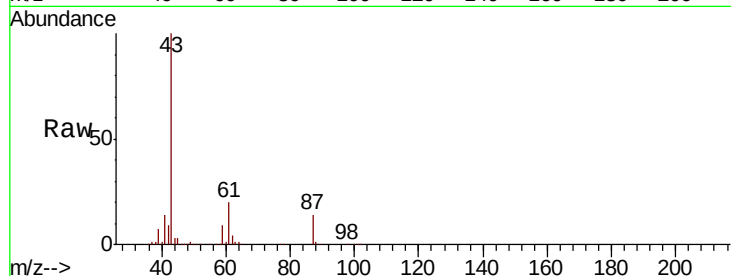
Tot Ion: 43 Resp: 758406

Ion Ratio Lower Upper

43 100

61 26.4 21.8 32.6

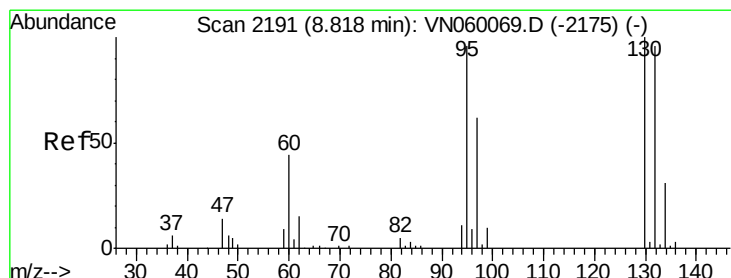
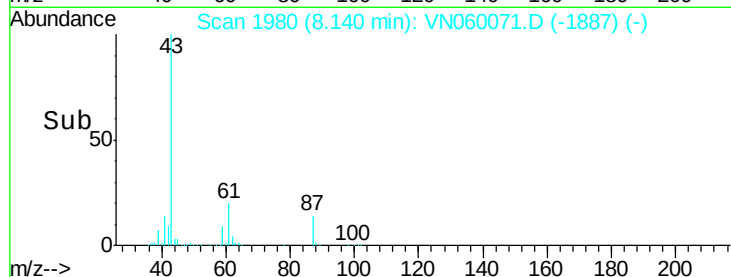
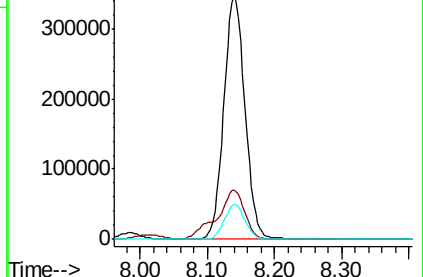
87 14.1 11.4 17.2



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

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

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



#44

Trichloroethene

Concen: 143.858 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060071.D

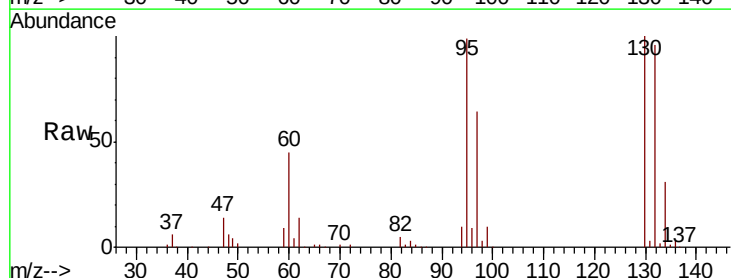
Acq: 12 Feb 2020 13:13

Tgt Ion:130 Resp: 373532

Ion Ratio Lower Upper

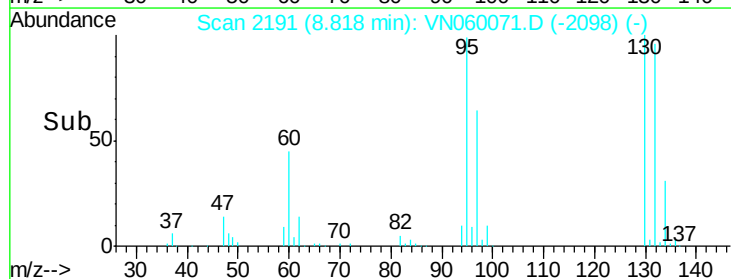
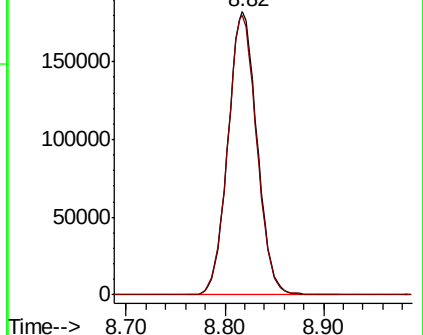
130 100

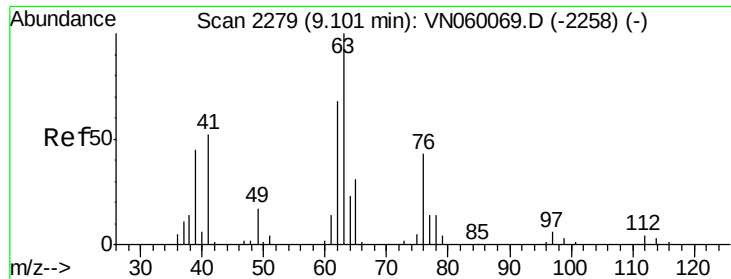
95 98.8 0.0 192.4



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

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

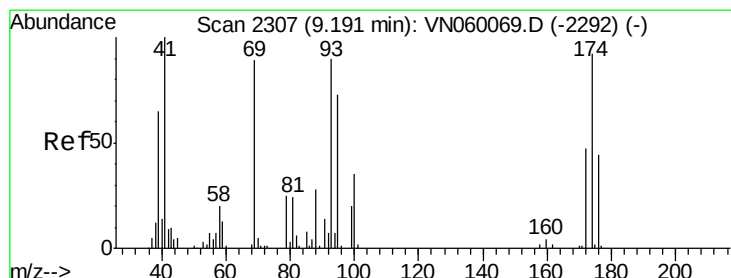
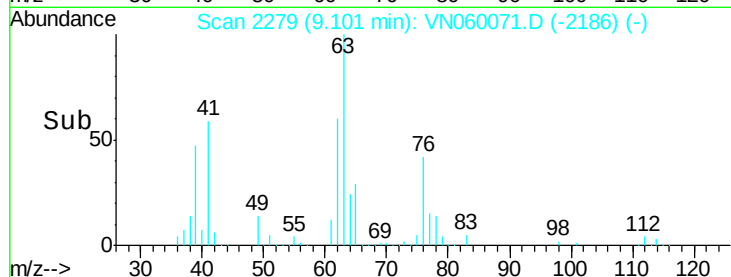
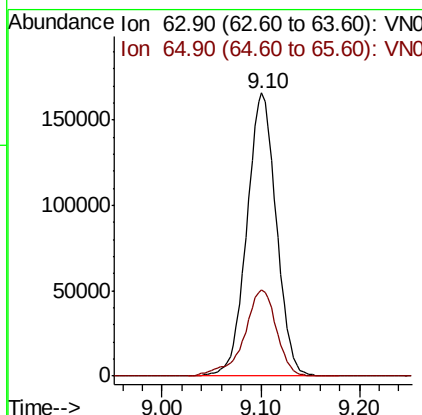
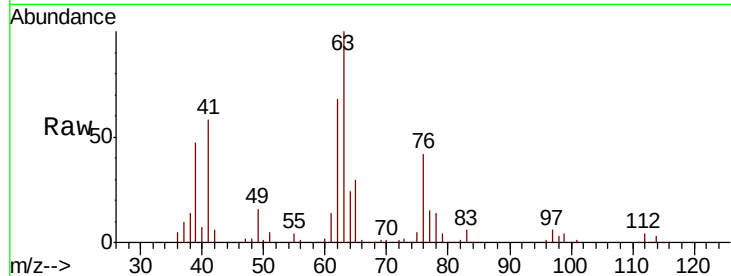




#45
 1,2-Dichloropropane
 Concen: 146.949 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

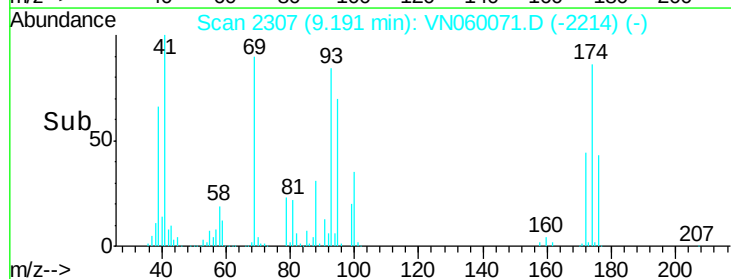
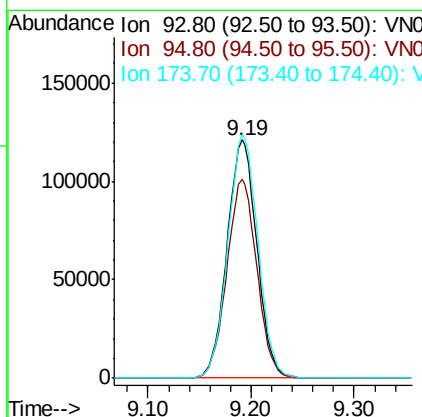
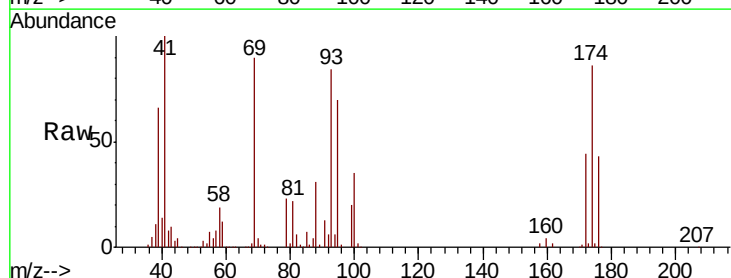
Instrument :
 MSVOA_N
 ClientSampled :

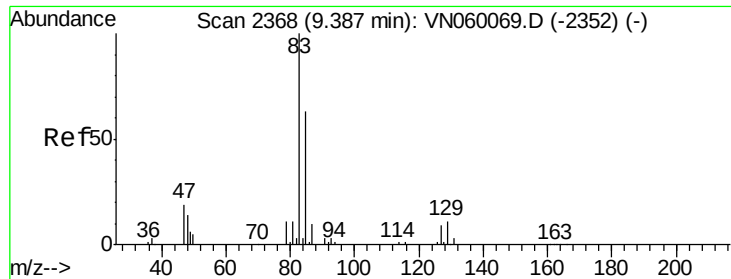
Tot Ion: 63 Resp: 341156
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 149.017 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 93 Resp: 244479
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.0 97.6
 174 102.9 82.3 123.5

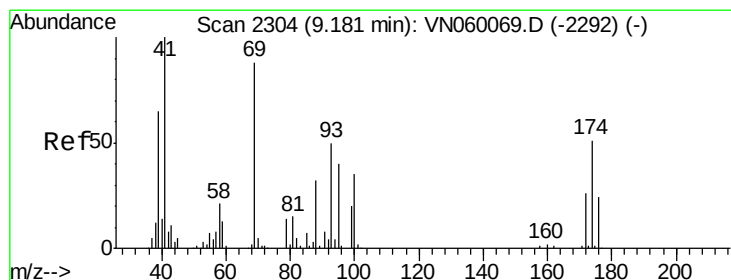
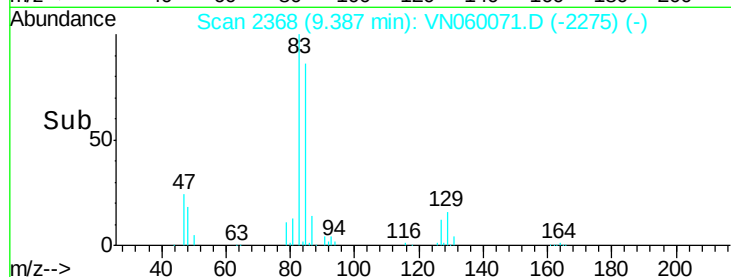
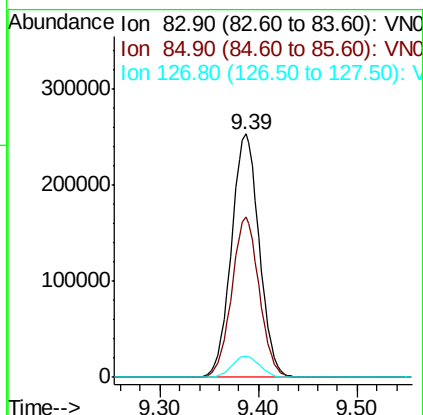
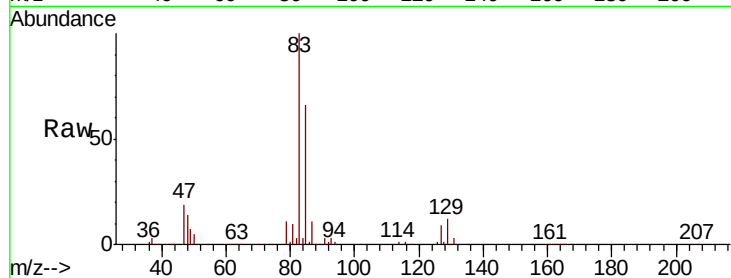




#47
Bromodichloromethane
Concen: 148.746 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

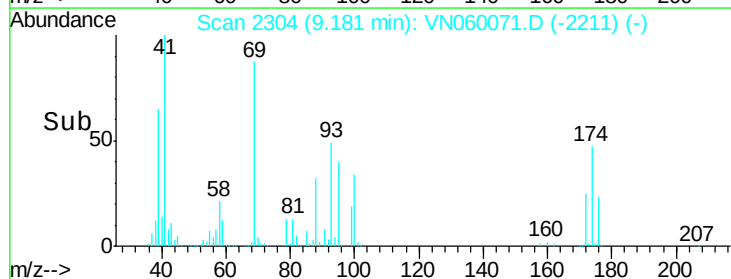
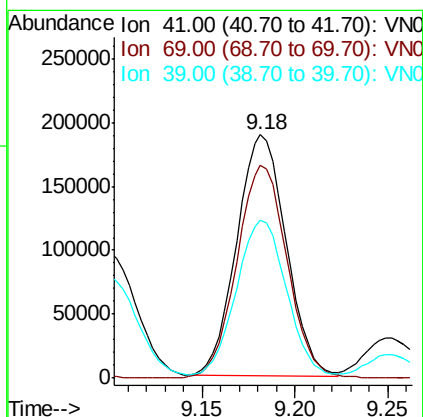
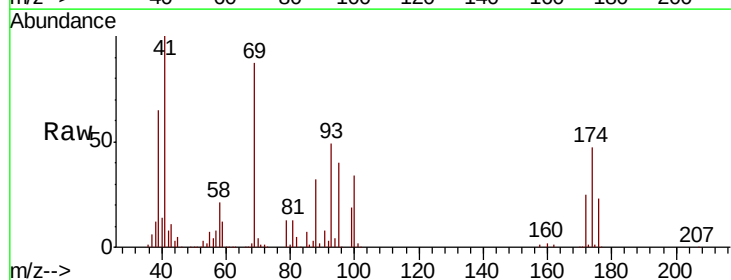
Instrument :
MSVOA_N
ClientSampled :

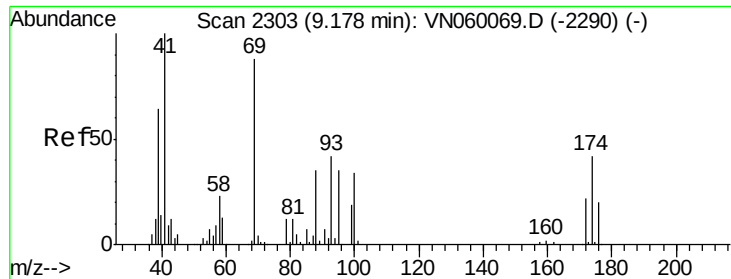
Tot Ion: 83 Resp: 496140
Ion Ratio Lower Upper
83 100
85 65.7 50.6 75.8
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 158.843 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 41 Resp: 348061
Ion Ratio Lower Upper
41 100
69 90.4 72.0 108.0
39 65.0 54.1 81.1

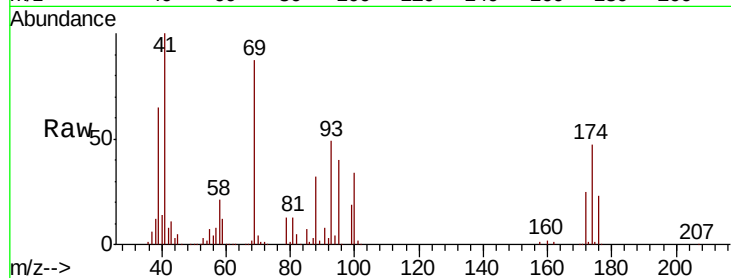




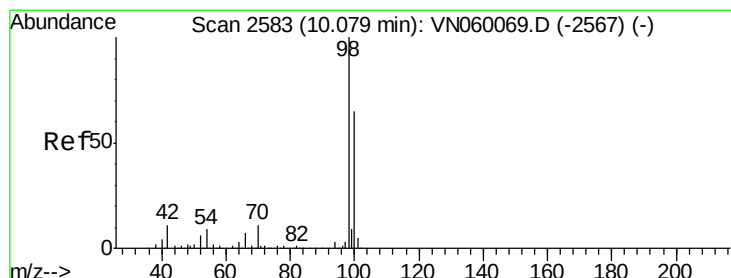
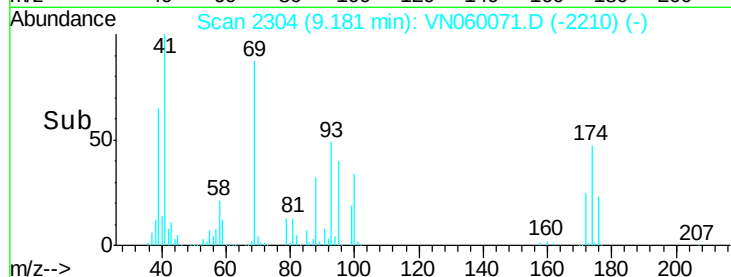
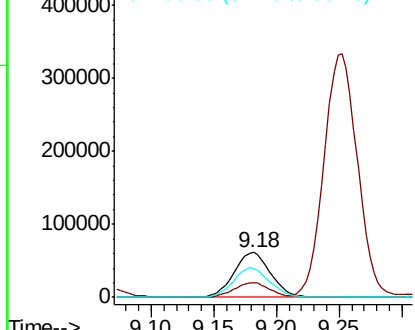
#49
1,4-Dioxane
Concen: 3326.662 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 124547
Ion Ratio Lower Upper
88 100
43 31.4 26.2 39.2
58 65.1 53.2 79.8

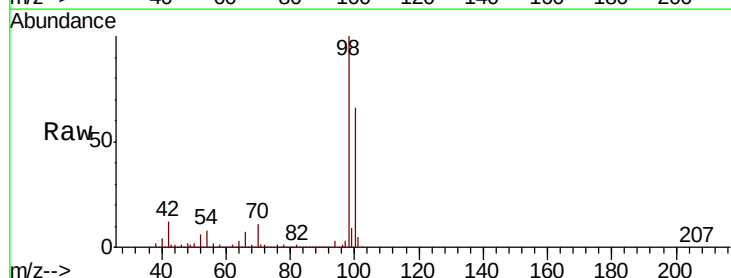


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

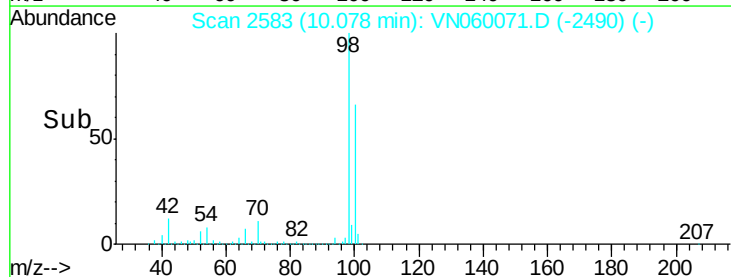
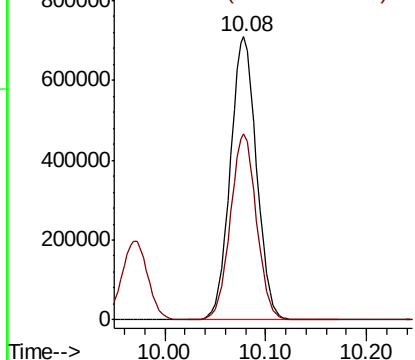


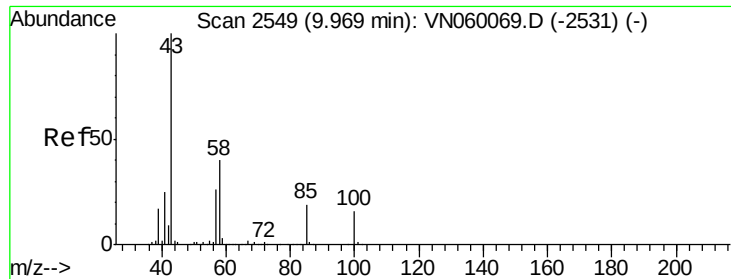
#50
Toluene-d8
Concen: 154.709 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 98 Resp: 1278145
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



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

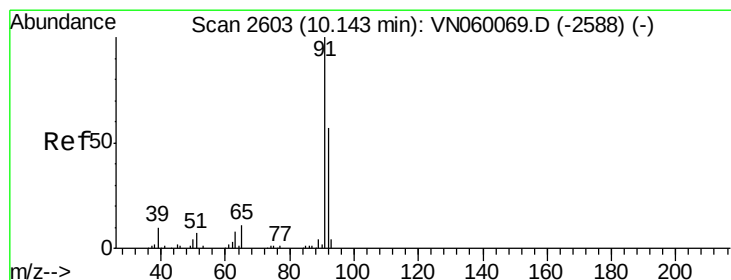
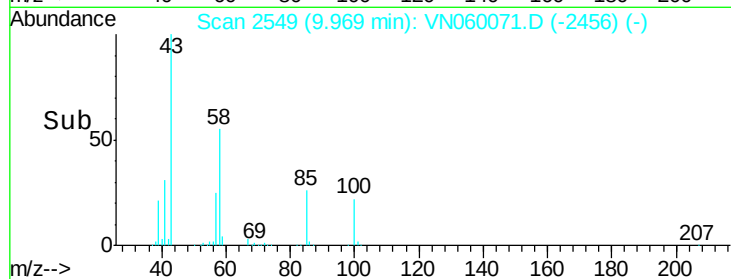
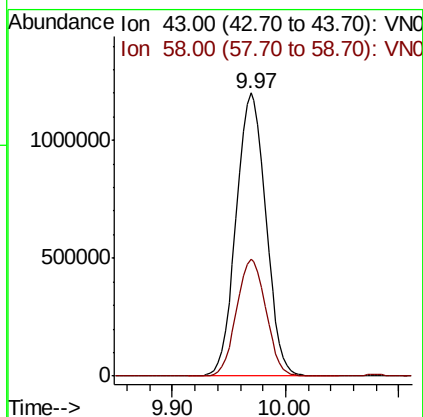
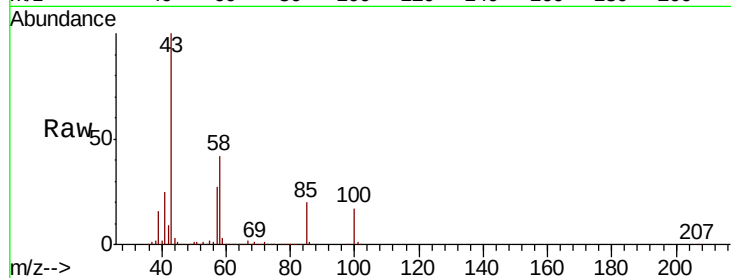




#51
 4-Methyl-2-Pentanone
 Concen: 779.391 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

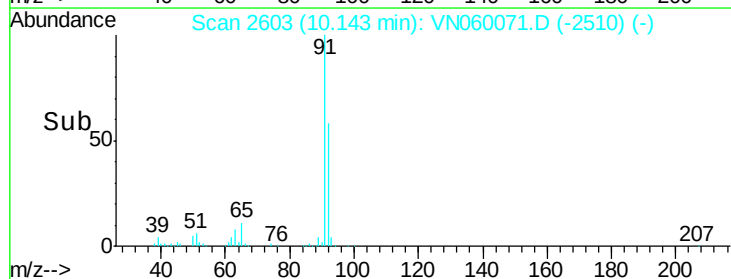
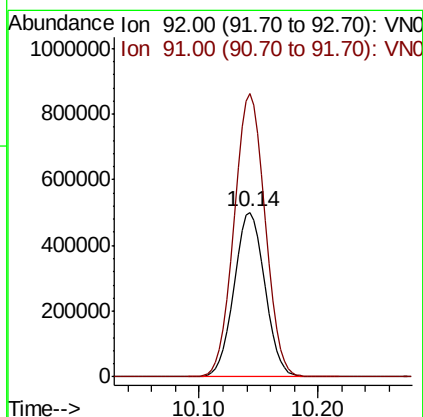
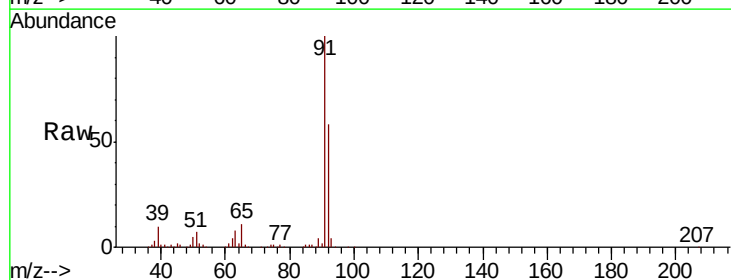
Instrument :
 MSVOA_N
 ClientSampleId :

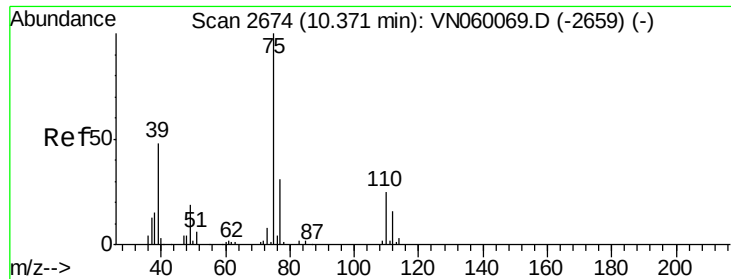
Tot Ion: 43 Resp: 2203222
 Ion Ratio Lower Upper
 43 100
 58 40.9 31.8 47.8



#52
 Toluene
 Concen: 149.477 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 92 Resp: 898862
 Ion Ratio Lower Upper
 92 100
 91 173.1 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 154.919 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

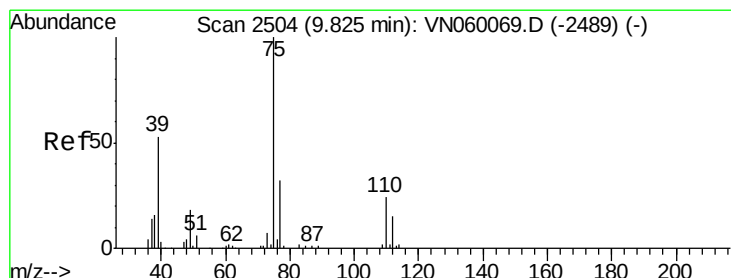
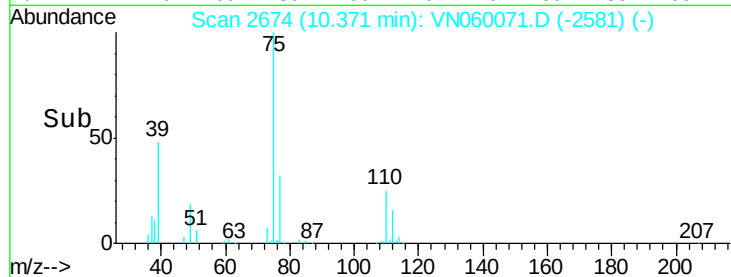
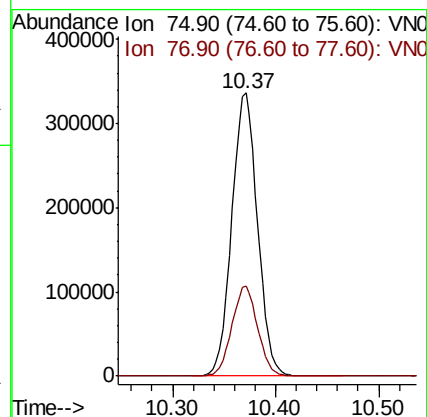
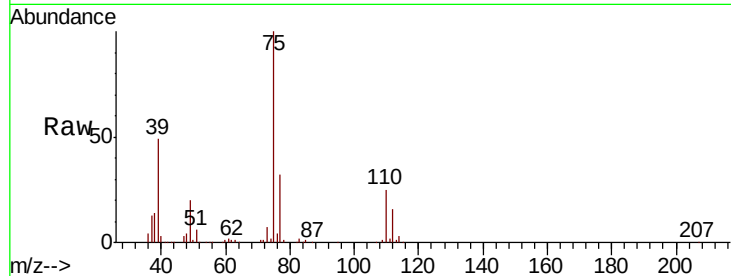
ClientSampleId :

Tot Ion: 75 Resp: 583265

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 151.484 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

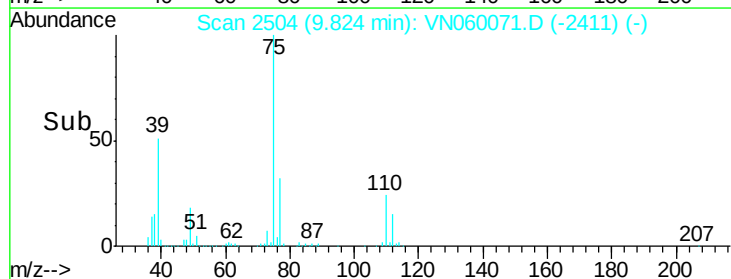
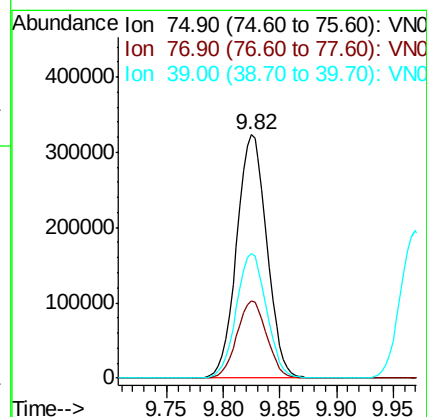
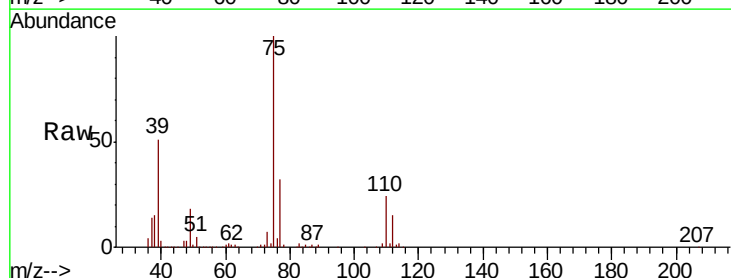
Tgt Ion: 75 Resp: 600566

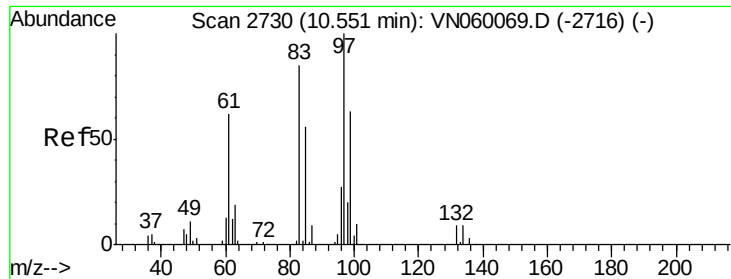
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 51.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 147.194 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

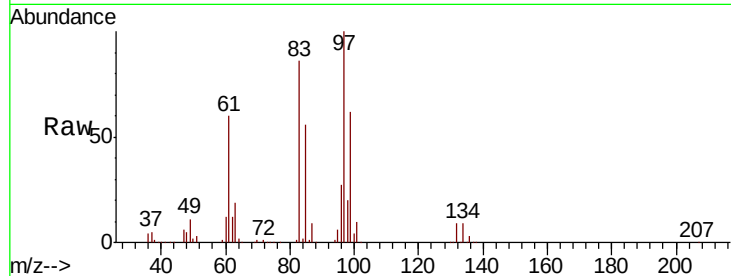
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 345313

Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.9	101.9
85	55.7	44.6	67.0
99	62.5	50.1	75.1



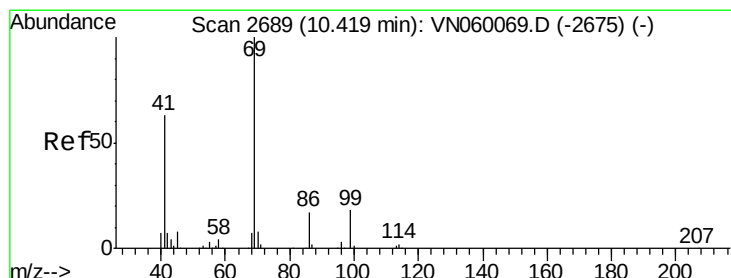
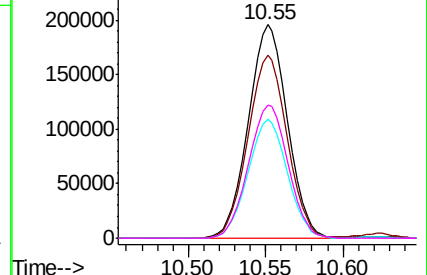
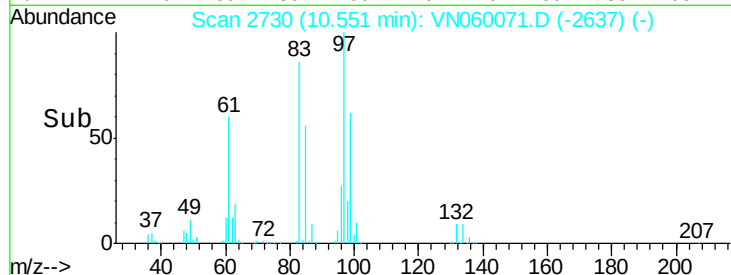
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 166.384 ug/l

RT: 10.42 min Scan# 2689

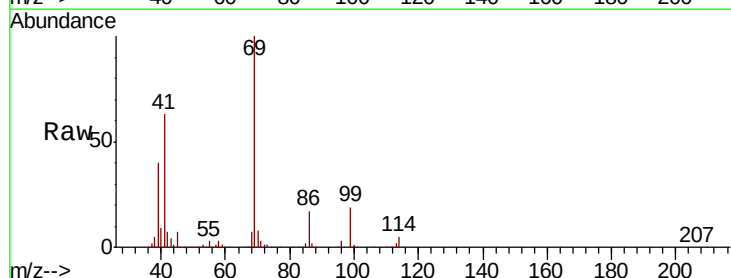
Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Tgt Ion: 69 Resp: 552174

Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.1	76.7
39	40.5	33.8	50.8

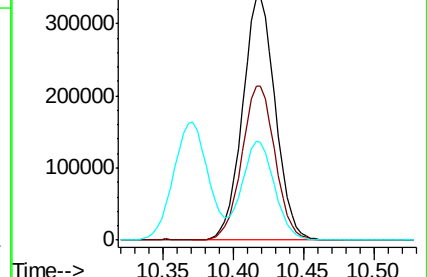
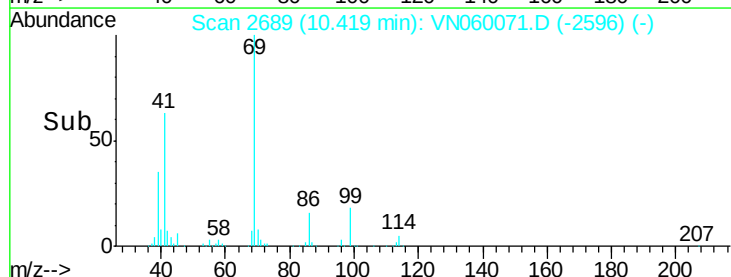


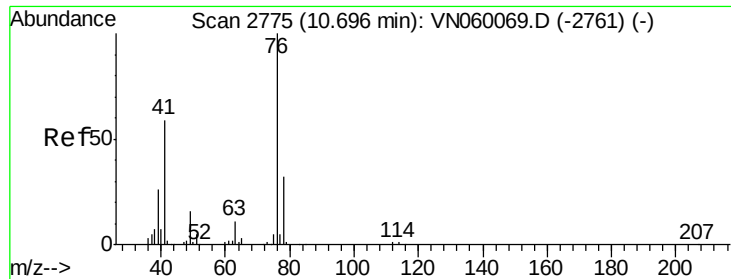
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

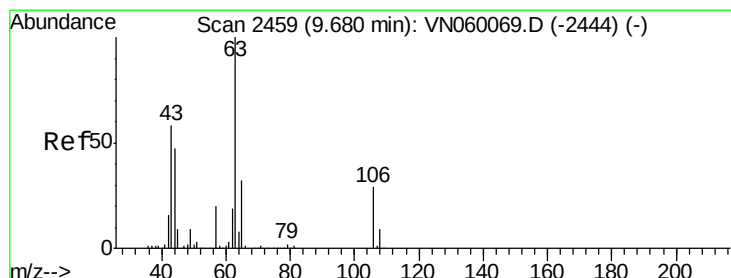
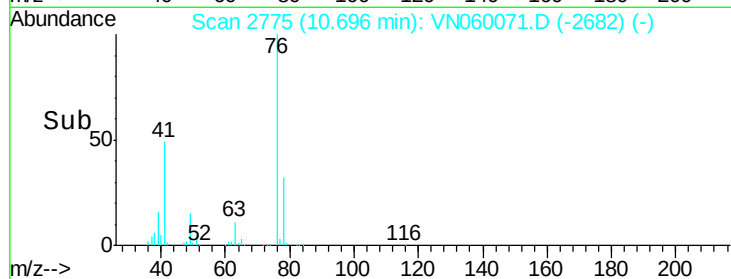
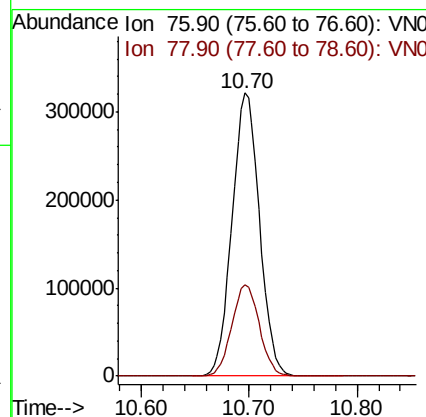
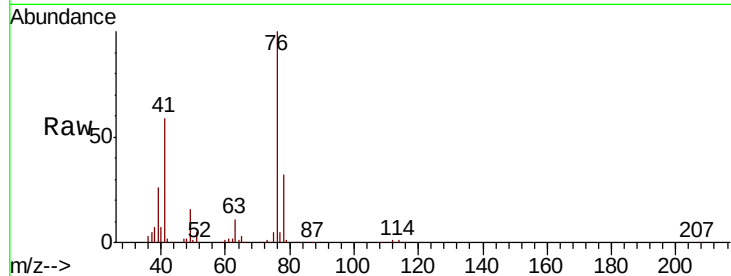




#57
 1,3-Dichloropropane
 Concen: 147.335 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

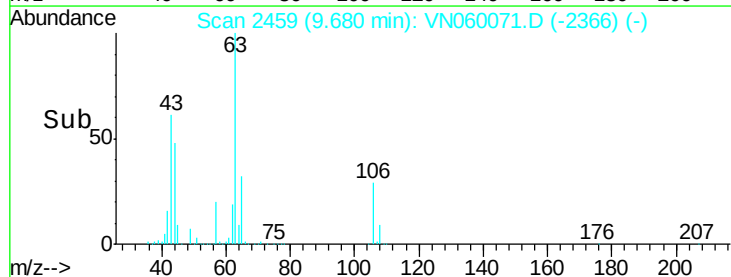
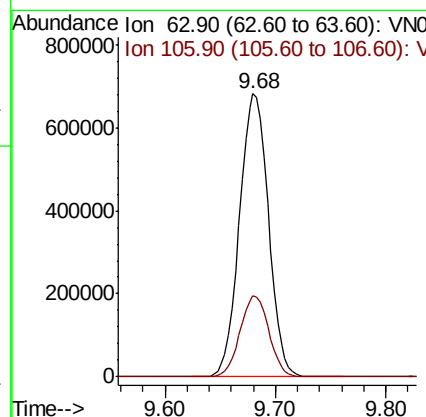
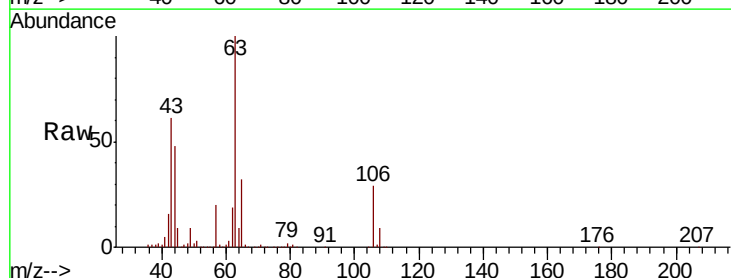
Instrument :
 MSVOA_N
 ClientSampled :

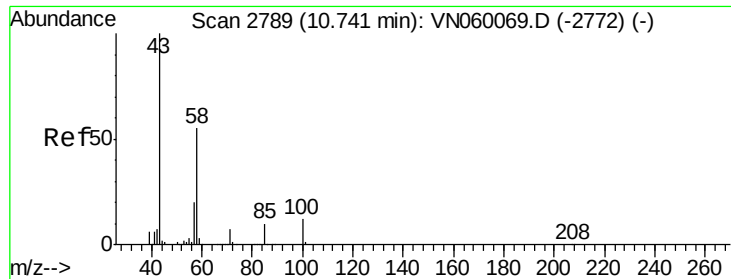
Tot Ion: 76 Resp: 570340
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 801.512 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 63 Resp: 1239194
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3

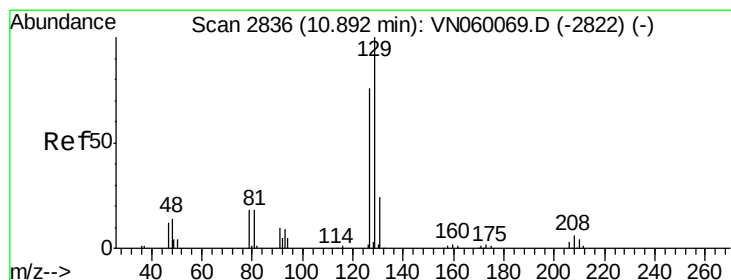
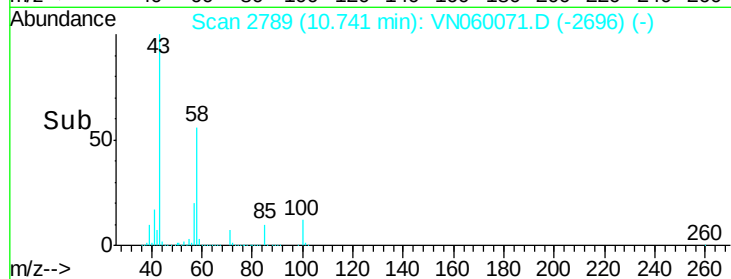
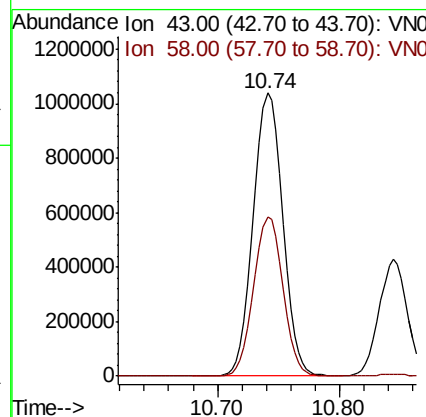
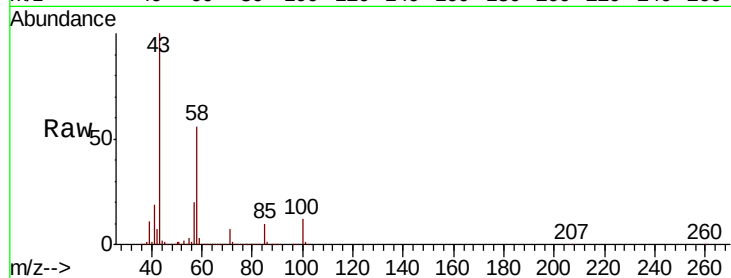




#59
2-Hexanone
Concen: 794.222 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

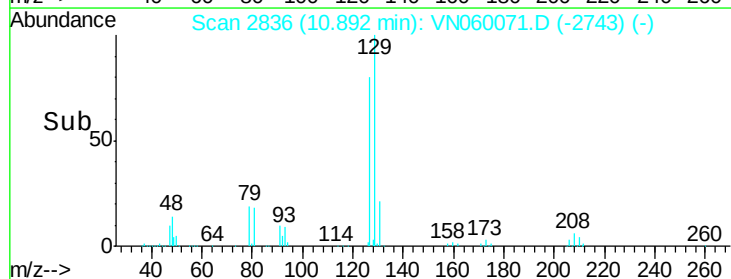
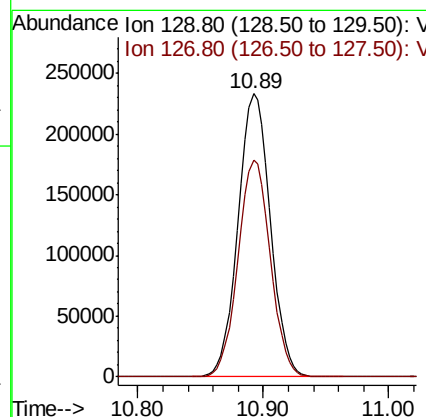
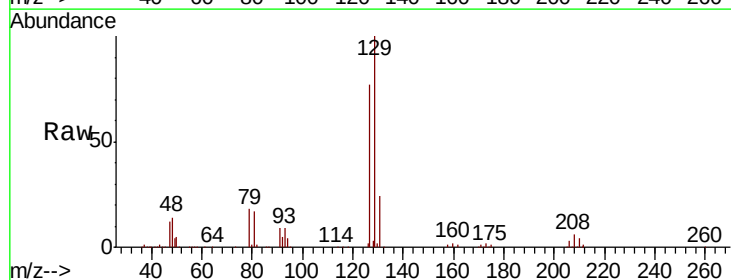
Instrument :
MSVOA_N
ClientSampled :

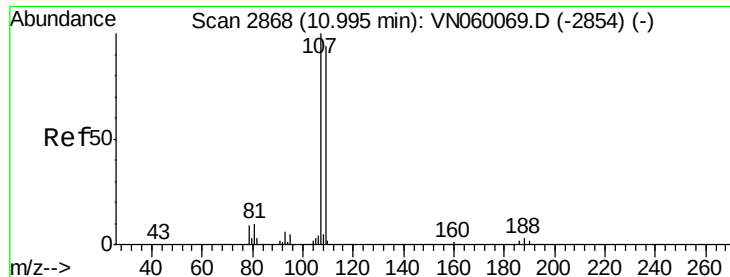
Tot Ion: 43 Resp: 1734317
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.4



#60
Dibromochloromethane
Concen: 155.078 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 129 Resp: 417487
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1

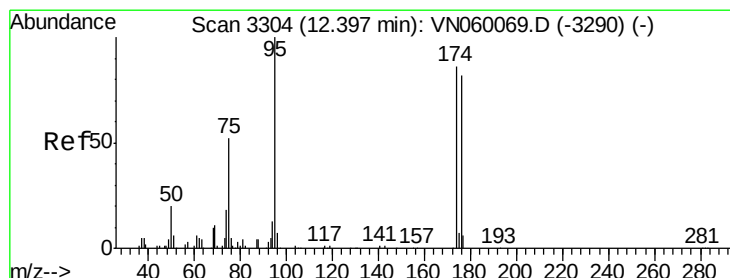
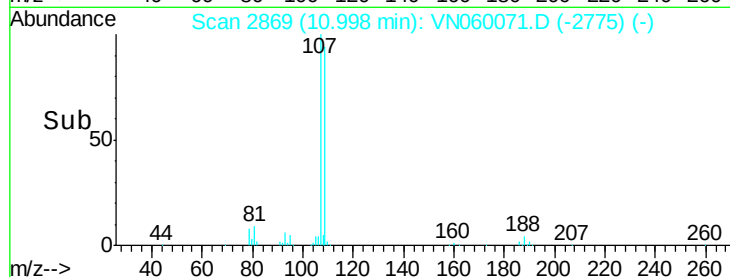
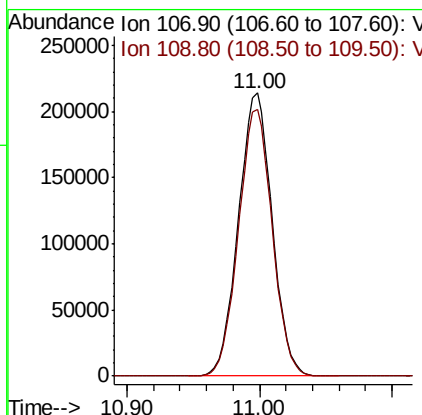
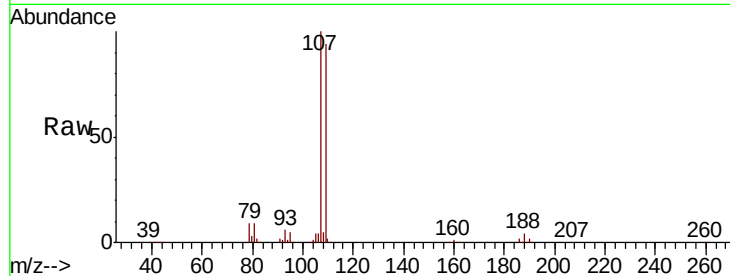




#61
 1,2-Dibromoethane
 Concen: 153.120 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

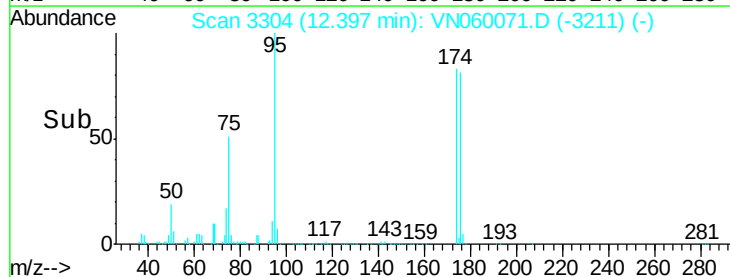
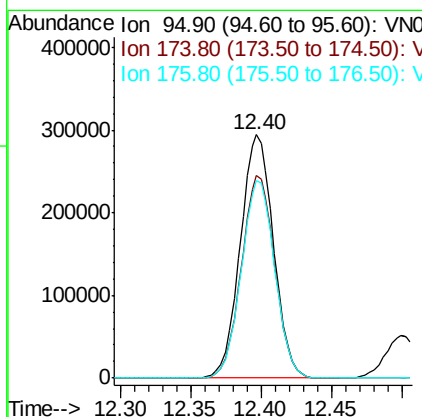
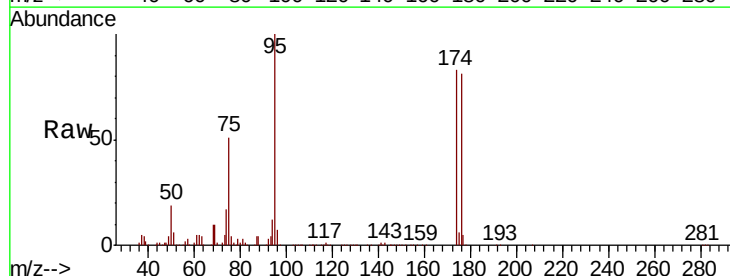
Instrument :
 MSVOA_N
 ClientSampled :

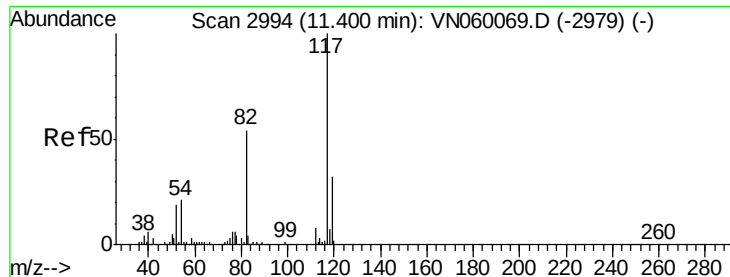
Tot Ion: 107 Resp: 376561
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 159.551 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion: 95 Resp: 484358
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 169.8
 176 81.9 0.0 164.8

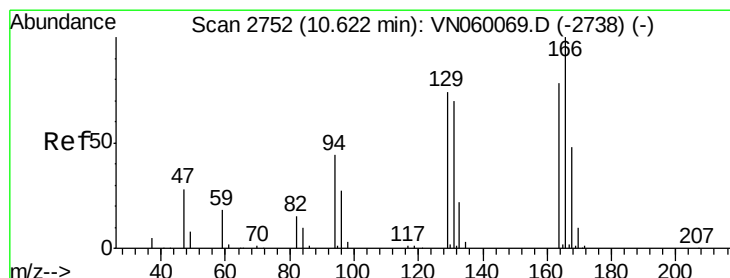
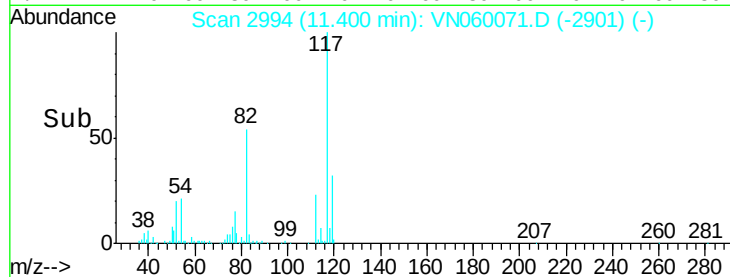
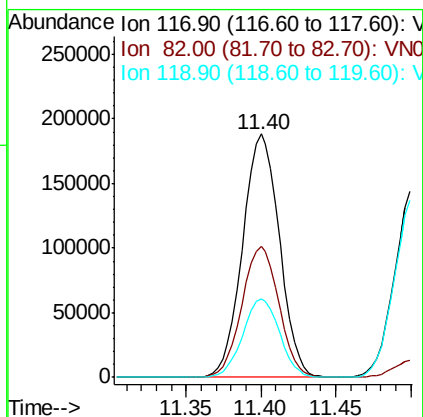
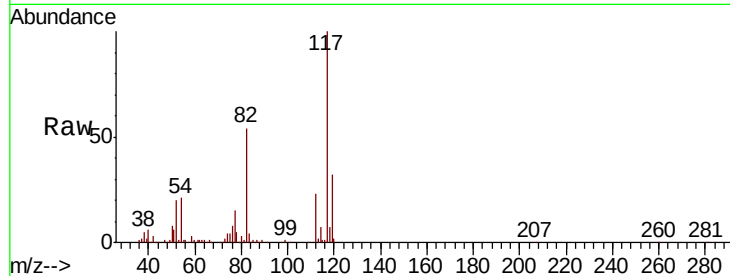




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

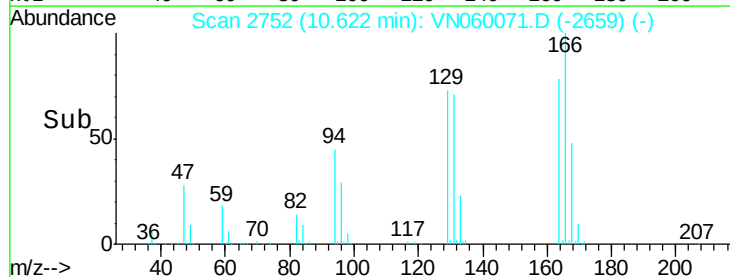
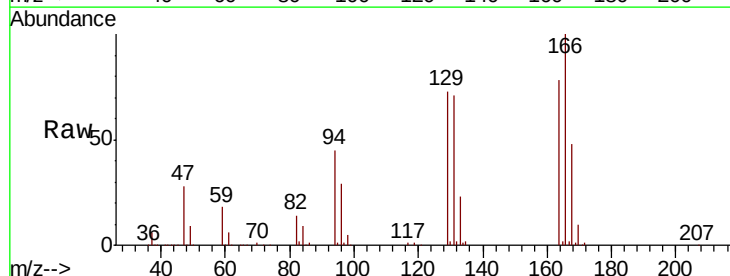
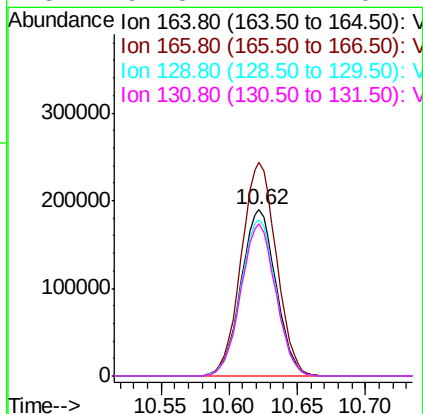
Instrument :
MSVOA_N
ClientSampled :

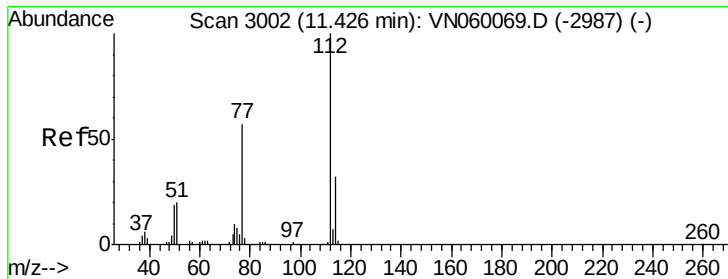
Tot Ion:117 Resp: 322848
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 137.384 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion:164 Resp: 337175
Ion Ratio Lower Upper
164 100
166 128.5 101.9 152.9
129 94.1 75.4 113.0
131 91.3 71.4 107.2

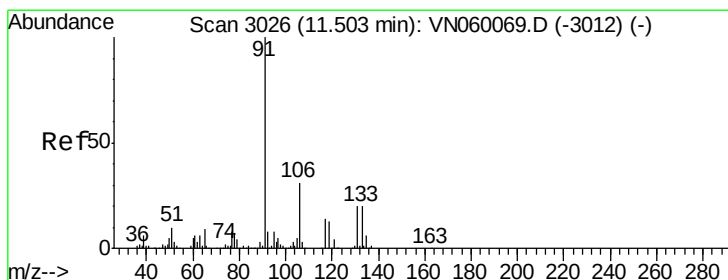
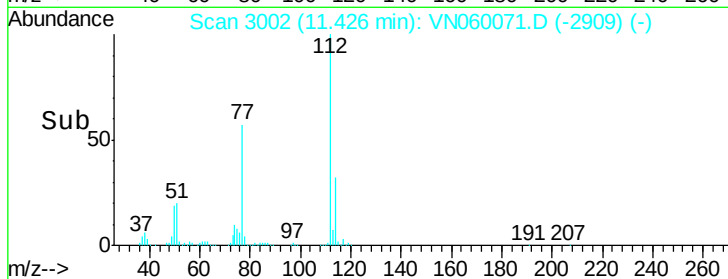
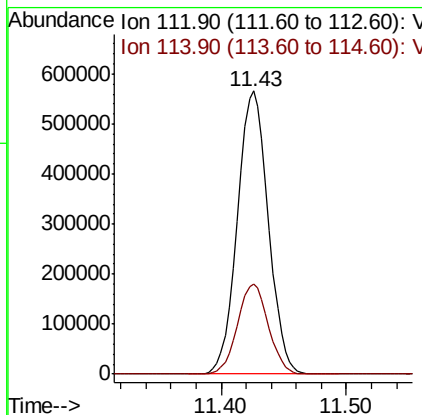
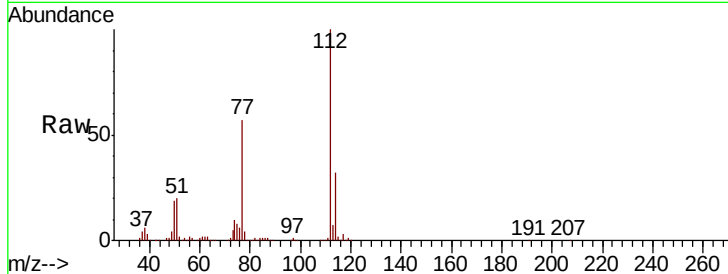




#65
Chlorobenzene
Concen: 147.176 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

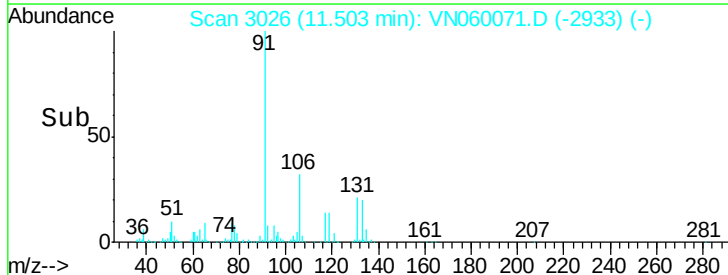
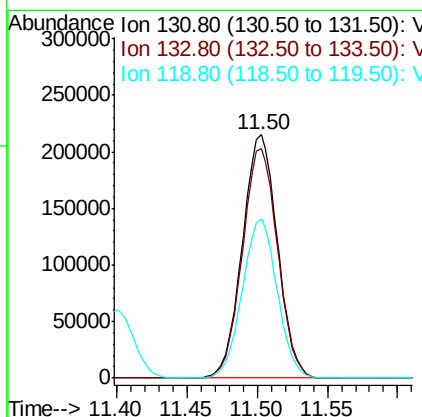
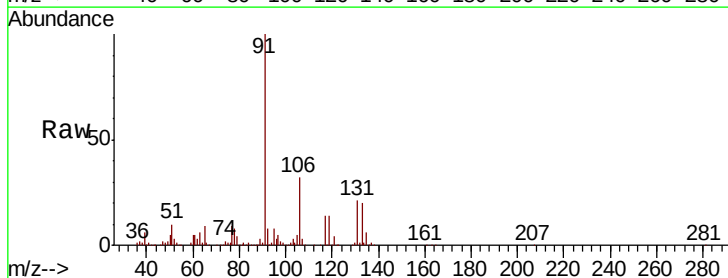
Instrument :
MSVOA_N
ClientSampled :

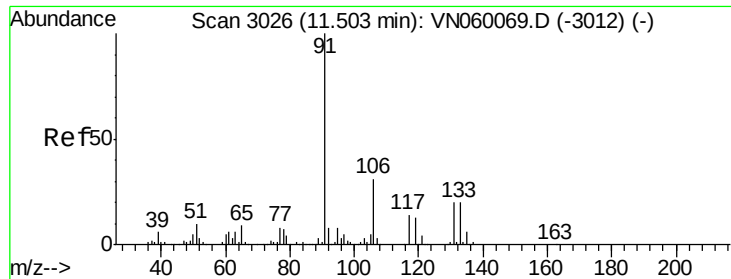
Tot Ion:112 Resp: 968053
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 151.020 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion:131 Resp: 375776
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 65.0 32.6 97.7

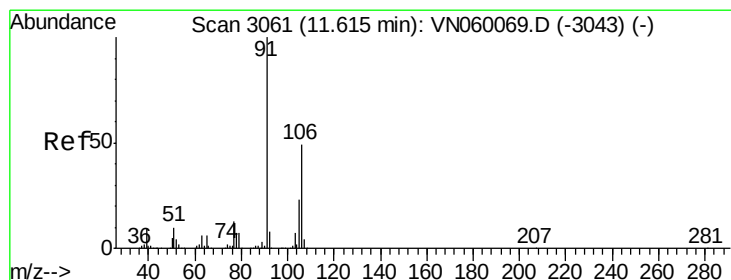
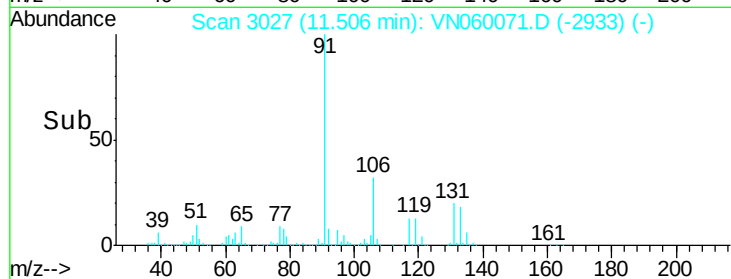
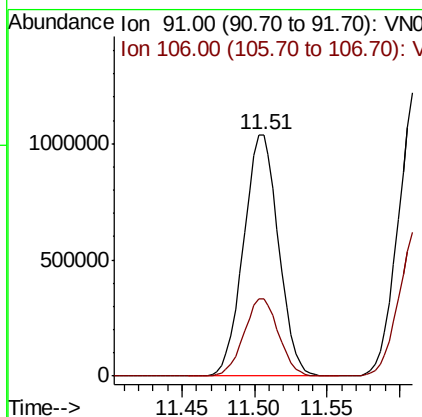
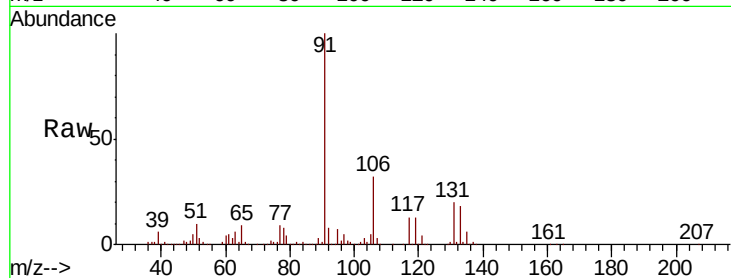




#67
Ethyl Benzene
Concen: 146.726 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

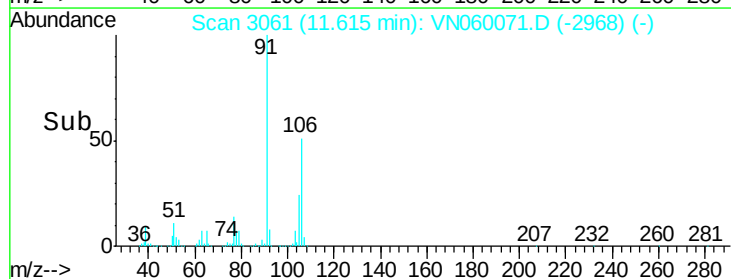
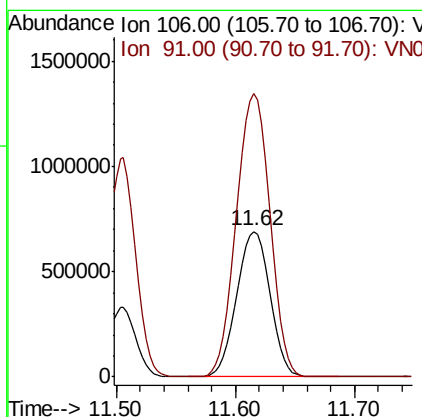
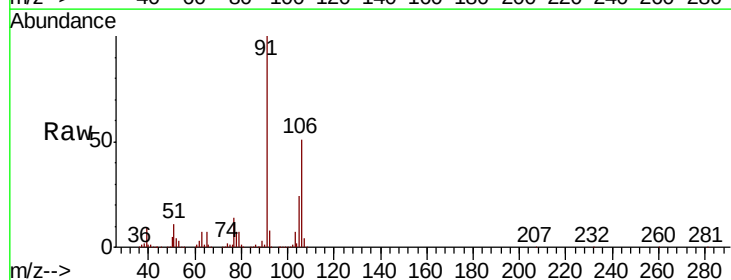
Instrument :
MSVOA_N
ClientSampled :

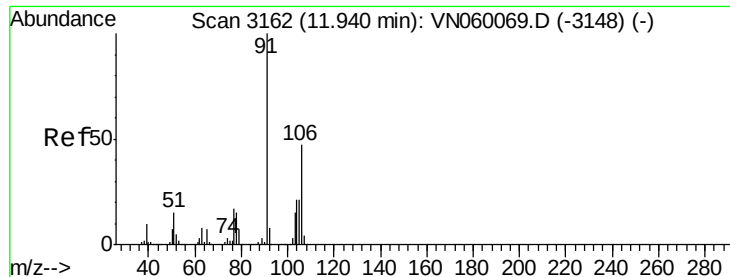
Tot Ion: 91 Resp: 1740628
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 300.771 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 106 Resp: 1339153
Ion Ratio Lower Upper
106 100
91 197.6 162.7 244.1

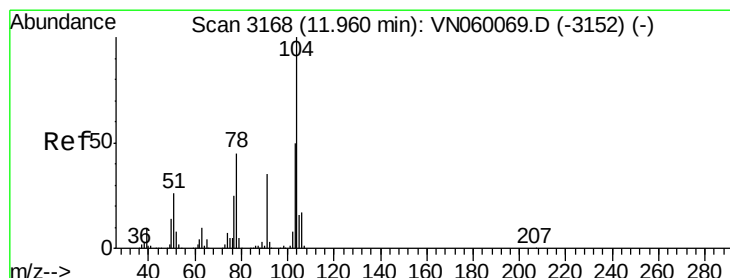
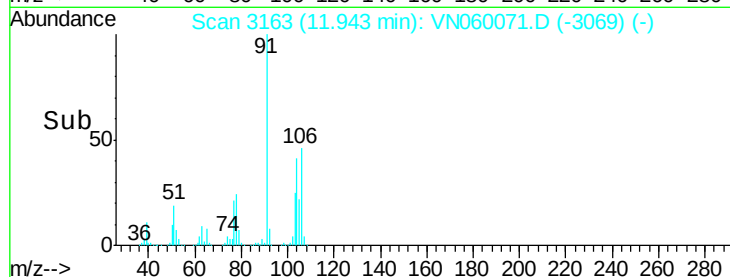
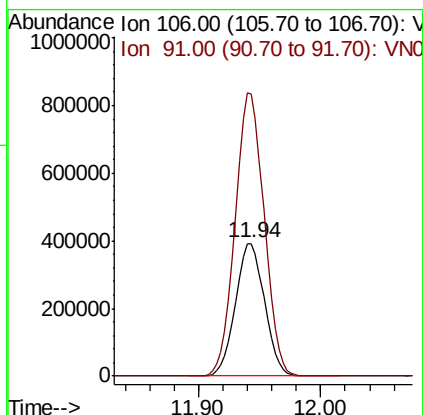
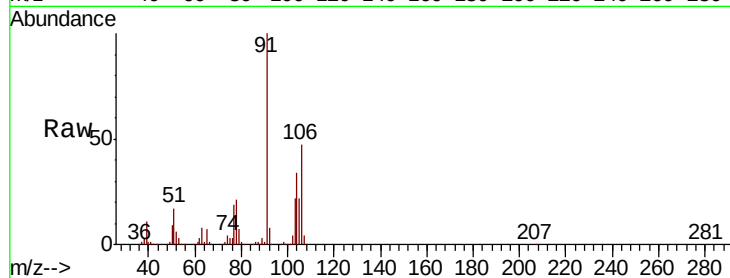




#69
o-Xylene
Concen: 150.889 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

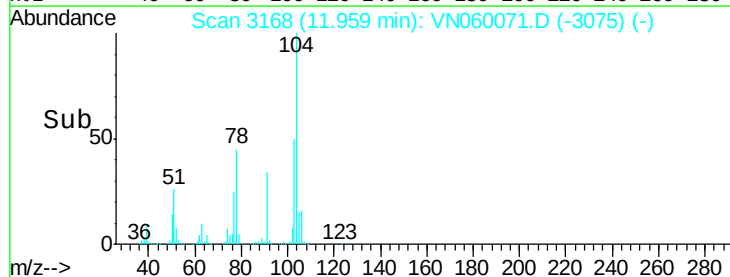
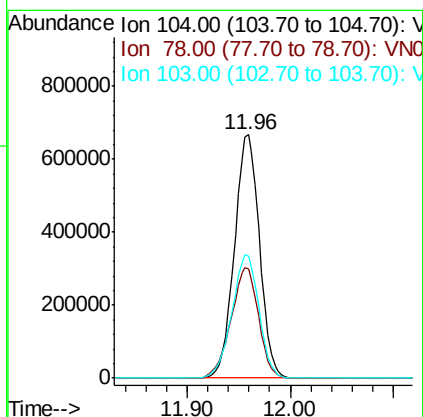
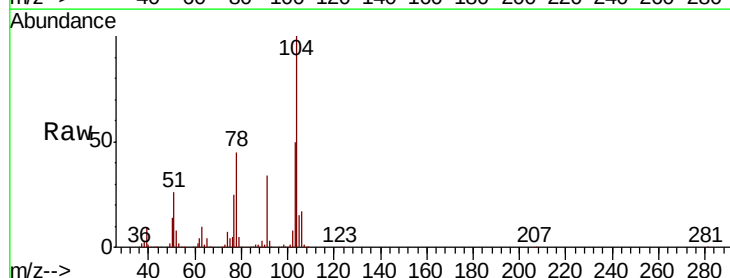
Instrument :
MSVOA_N
ClientSampled :

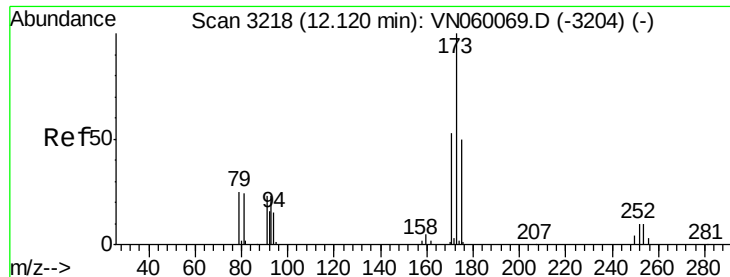
Tot Ion:106 Resp: 646853
Ion Ratio Lower Upper
106 100
91 213.6 107.2 321.6



#70
Styrene
Concen: 163.459 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion:104 Resp: 1129999
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 54.7 44.3 66.5





#71

Bromoform

Concen: 166.039 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

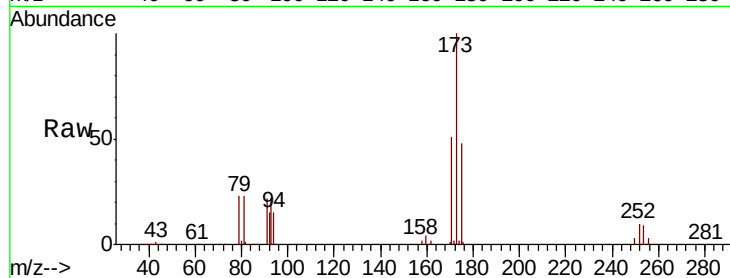
Tot Ion:173 Resp: 332298

Ion Ratio Lower Upper

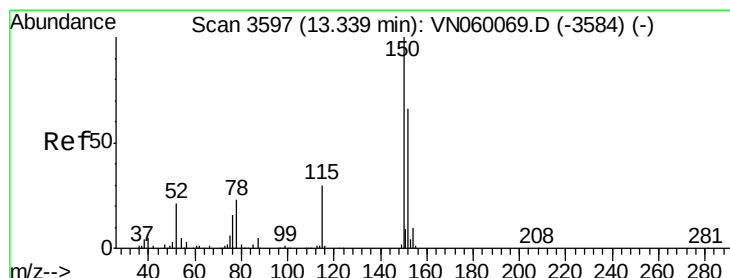
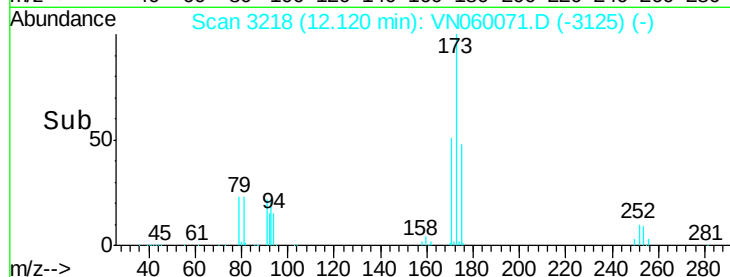
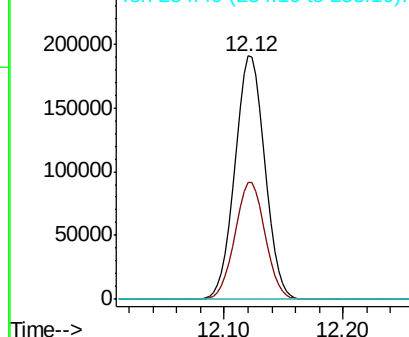
173 100

175 48.5 24.9 74.6

254 0.1 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: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

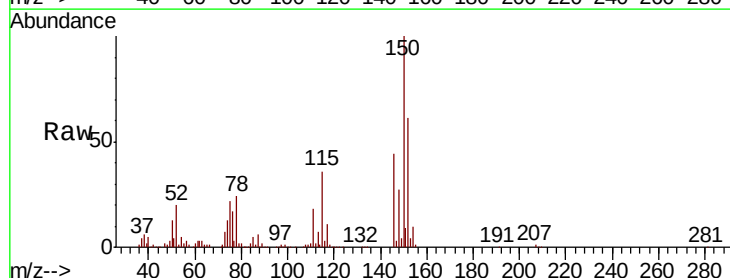
Tgt Ion:152 Resp: 167784

Ion Ratio Lower Upper

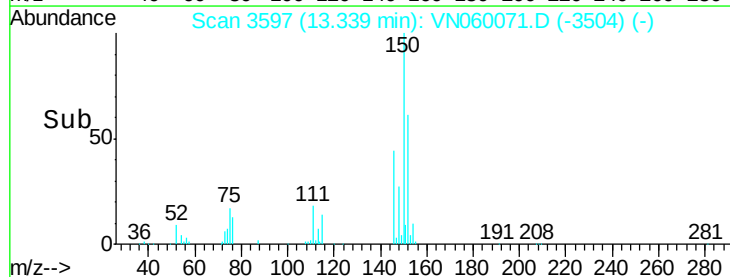
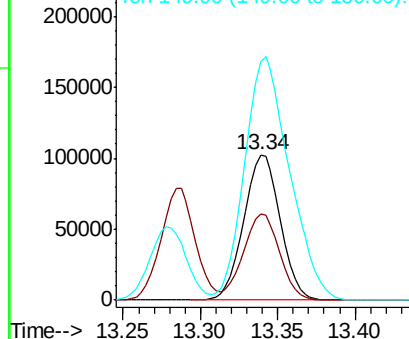
152 100

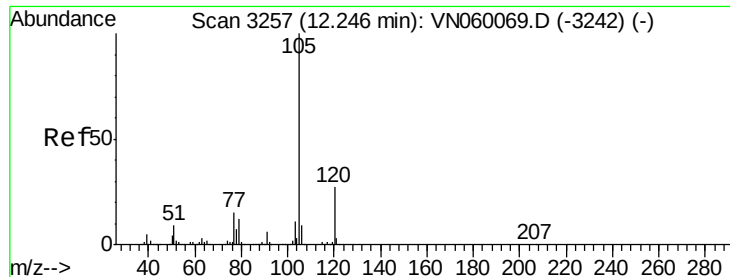
115 58.7 28.9 86.8

150 206.2 0.0 342.4



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





#73

Isopropylbenzene

Concen: 139.689 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

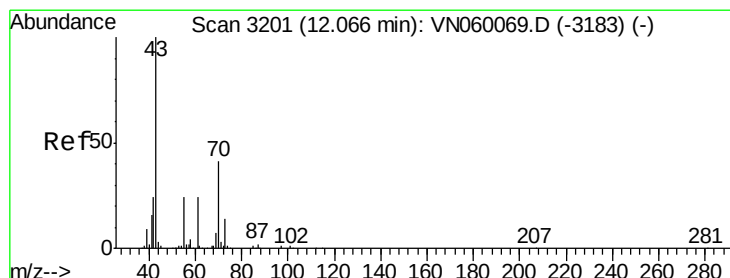
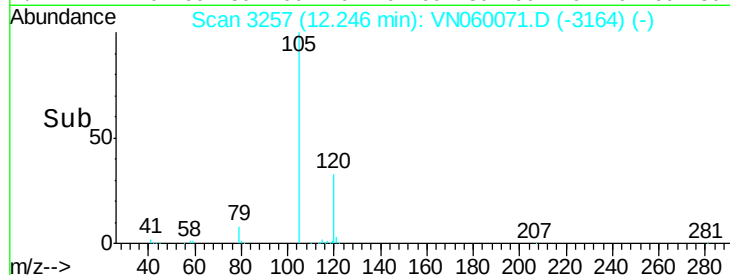
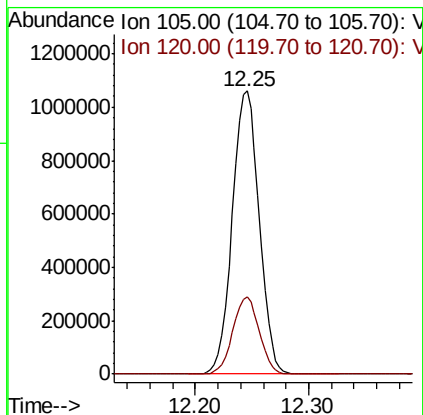
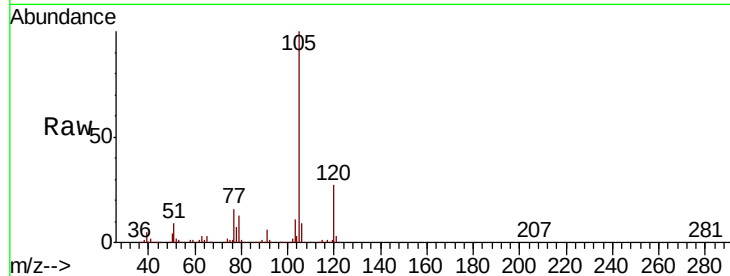
ClientSampleId :

Tot Ion:105 Resp: 1750202

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 157.680 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Tgt Ion: 43 Resp: 712397

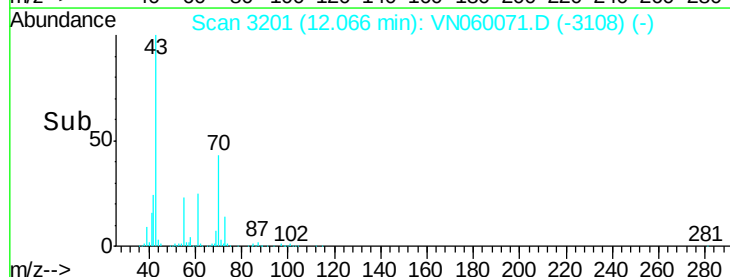
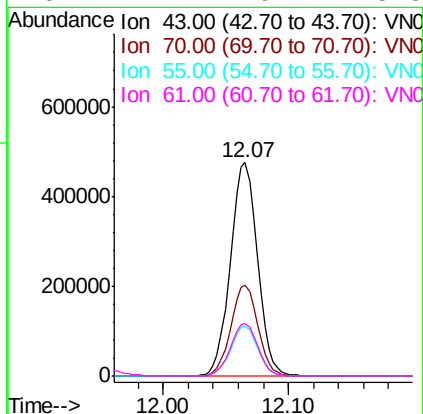
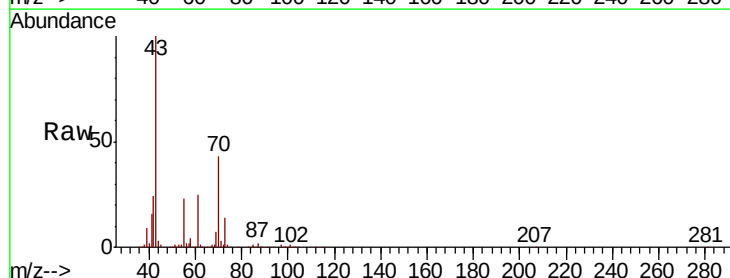
Ion Ratio Lower Upper

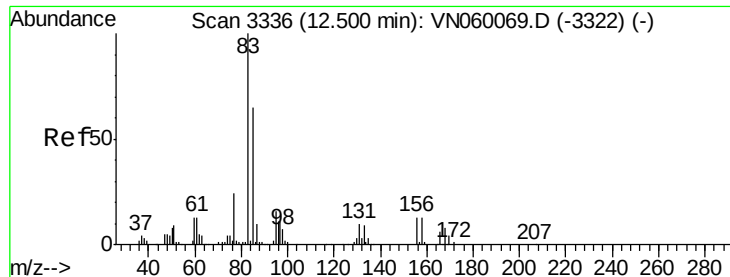
43 100

70 42.6 33.4 50.0

55 23.3 18.8 28.2

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 144.602 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

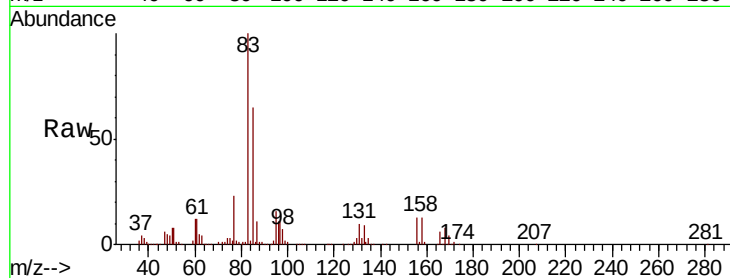
Tot Ion: 83 Resp: 521483

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

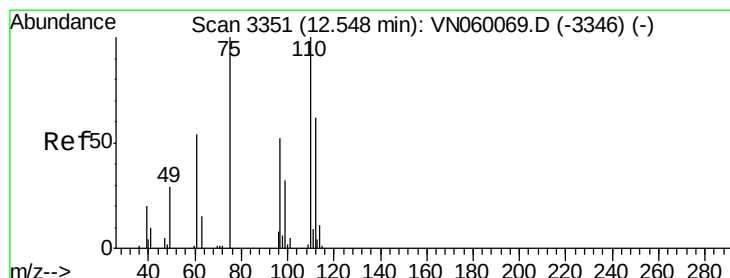
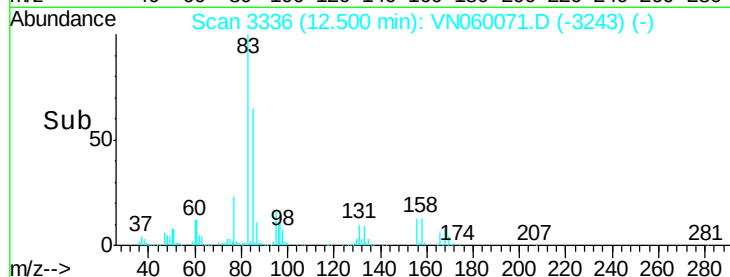
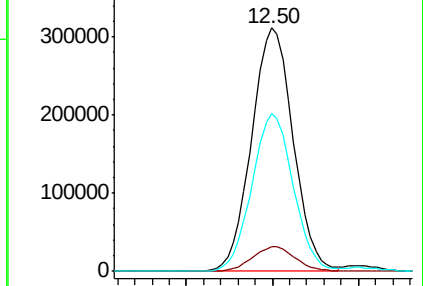
85 64.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN060071.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060071.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060071.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 158.420 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060071.D

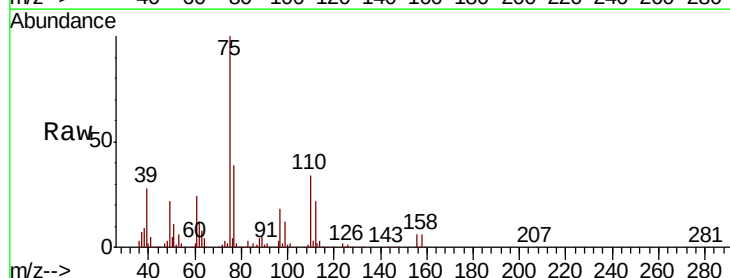
Acq: 12 Feb 2020 13:13

Tgt Ion: 75 Resp: 716349

Ion Ratio Lower Upper

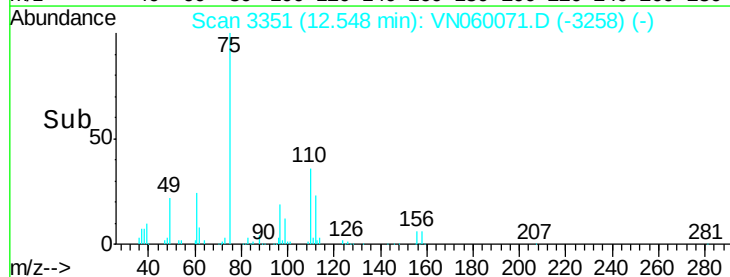
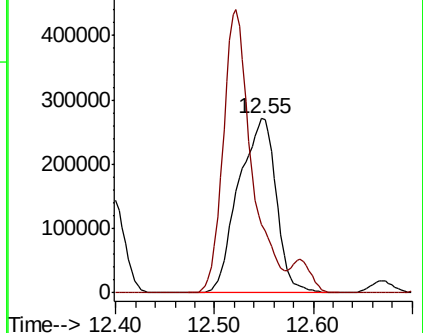
75 100

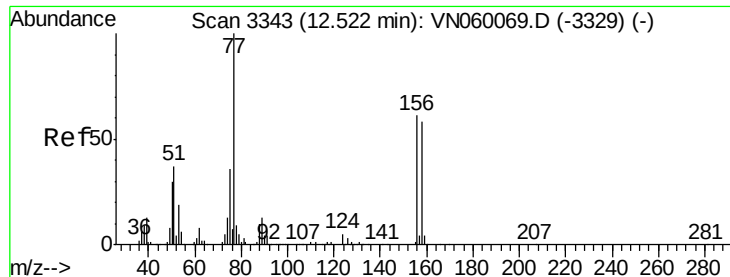
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060071.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060071.D (-3258) (-)





#77

Bromobenzene

Concen: 142.764 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

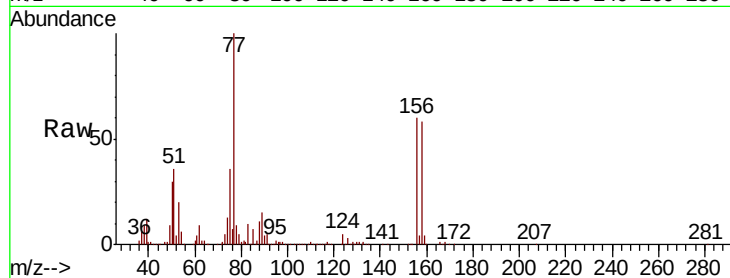
Tot Ion:156 Resp: 443905

Ion Ratio Lower Upper

156 100

77 199.6 98.7 296.1

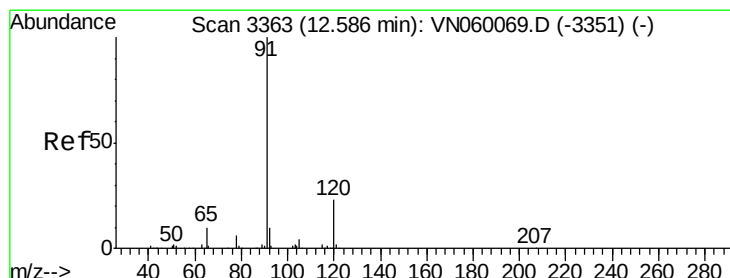
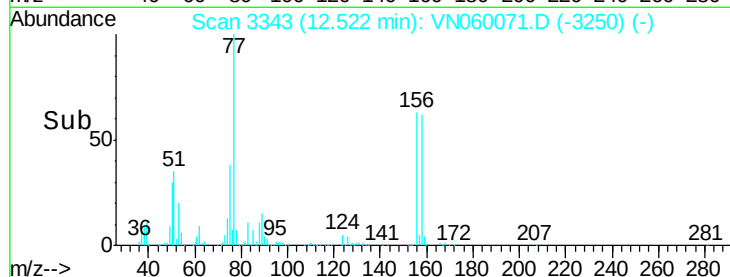
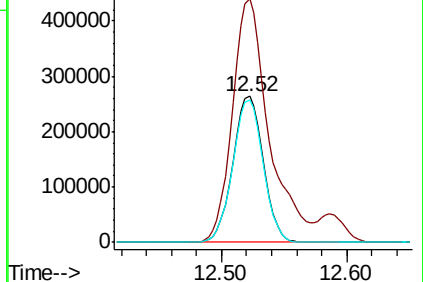
158 97.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 140.034 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060071.D

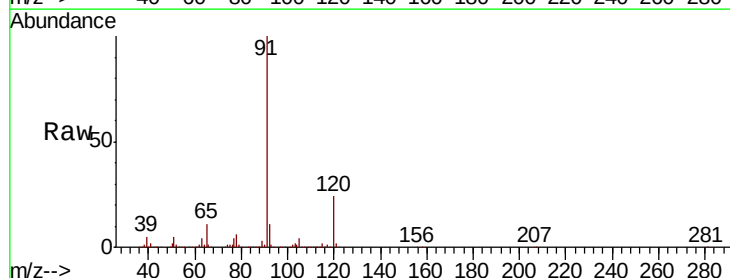
Acq: 12 Feb 2020 13:13

Tgt Ion: 91 Resp: 1998968

Ion Ratio Lower Upper

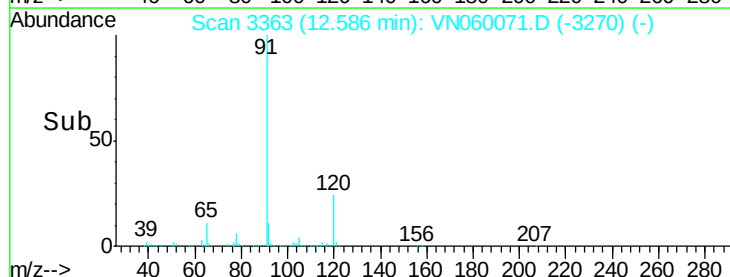
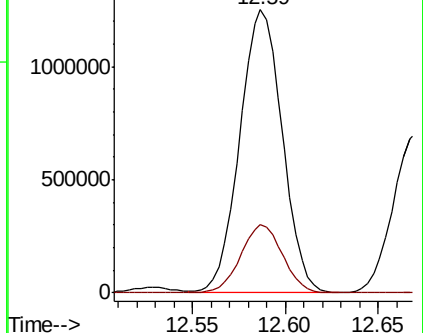
91 100

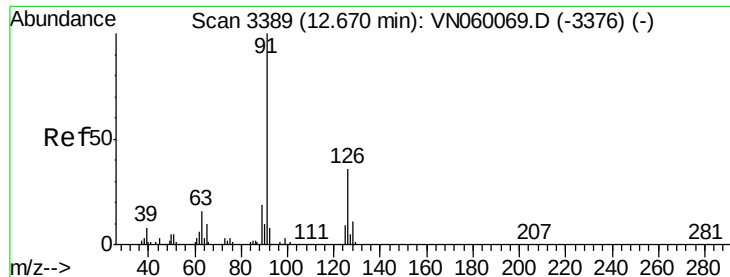
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 139.920 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

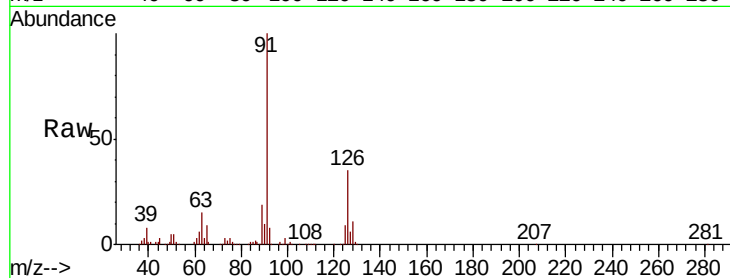
ClientSampled :

Tot Ion: 91 Resp: 1173985

Ion Ratio Lower Upper

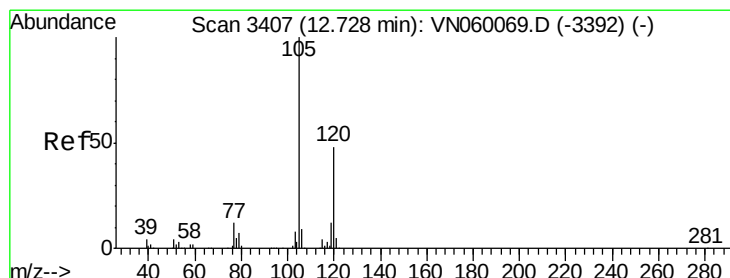
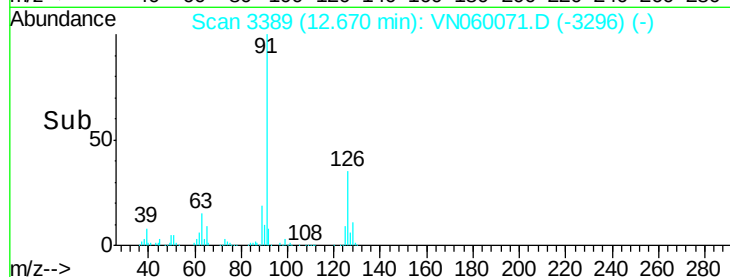
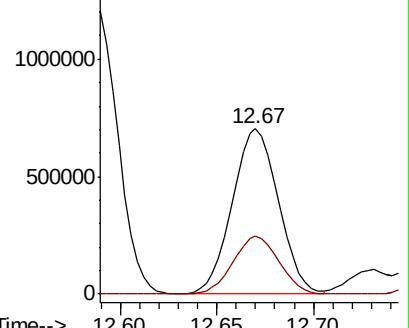
91 100

126 34.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060069.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 142.000 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060071.D

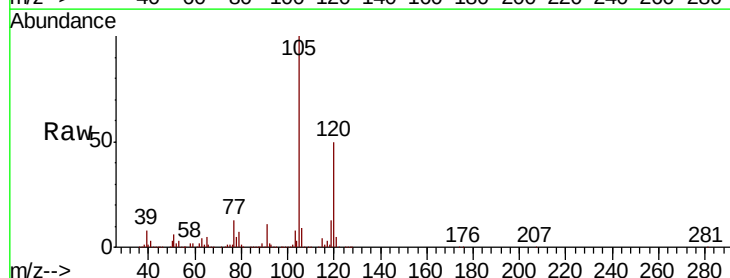
Acq: 12 Feb 2020 13:13

Tgt Ion:105 Resp: 1479282

Ion Ratio Lower Upper

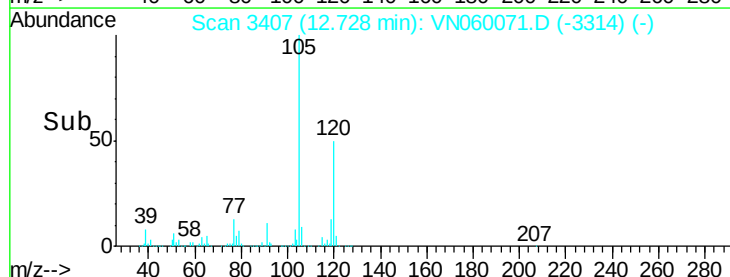
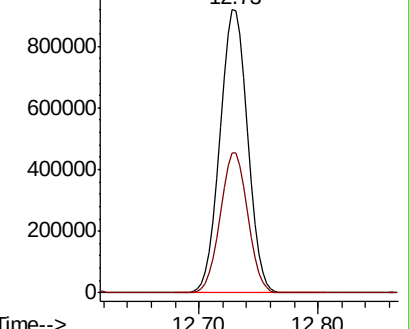
105 100

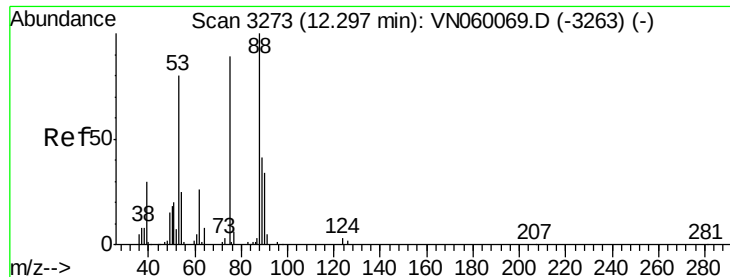
120 49.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN060069.D (-3392) (-)

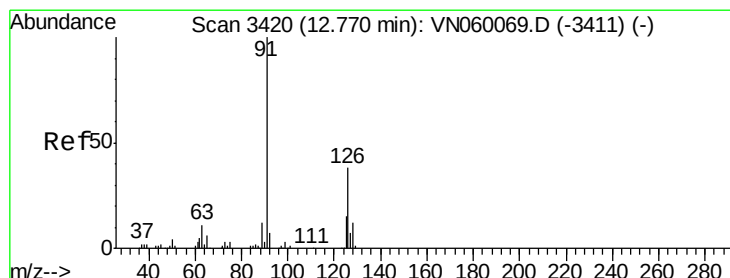
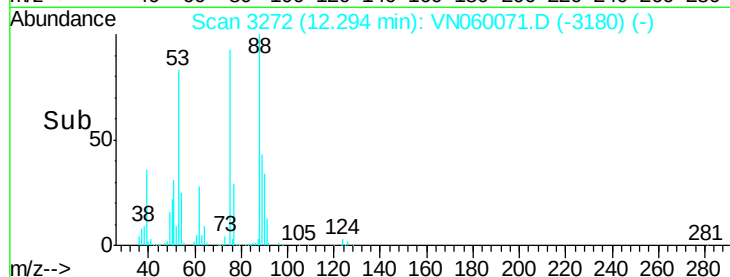
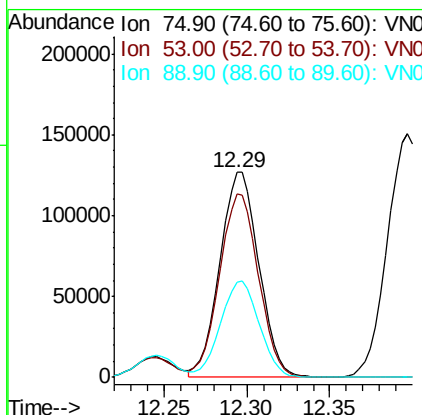
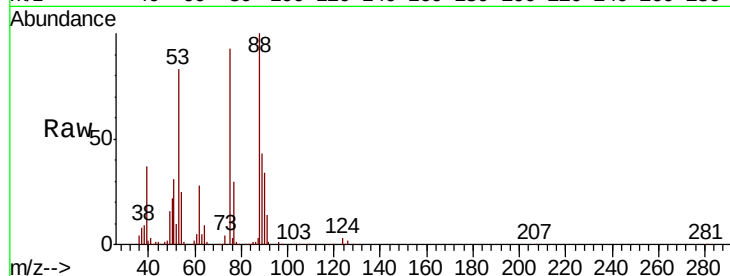




#81
trans-1,4-Dichloro-2-butene
Concen: 158.584 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

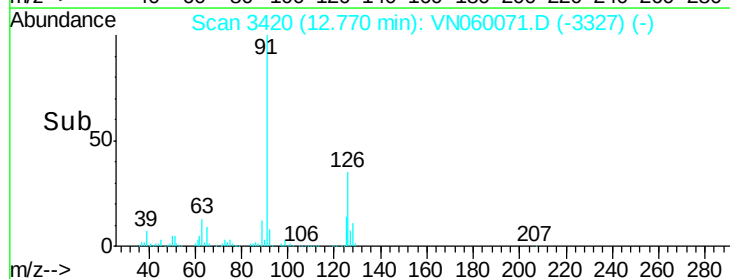
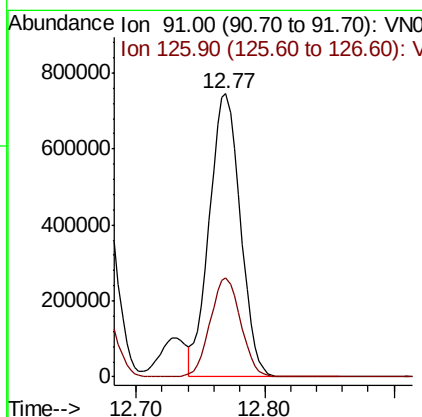
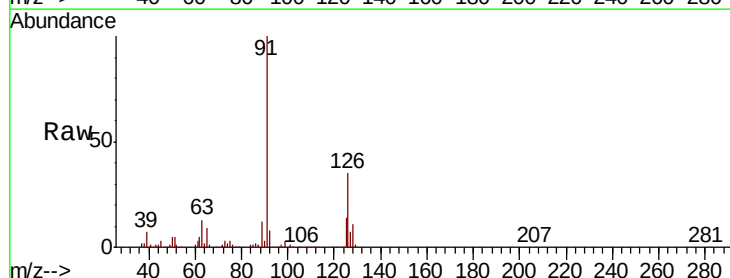
Instrument :
MSVOA_N
ClientSampleId :

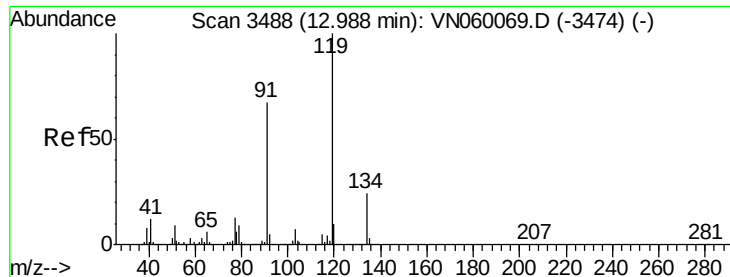
Tot Ion: 75 Resp: 207909
Ion Ratio Lower Upper
75 100
53 89.5 73.9 110.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 144.294 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060071.D
Acq: 12 Feb 2020 13:13

Tgt Ion: 91 Resp: 1242112
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.3

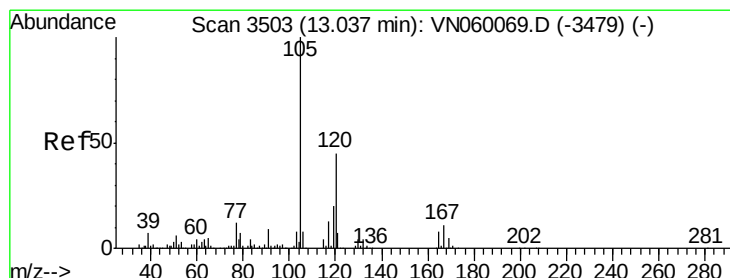
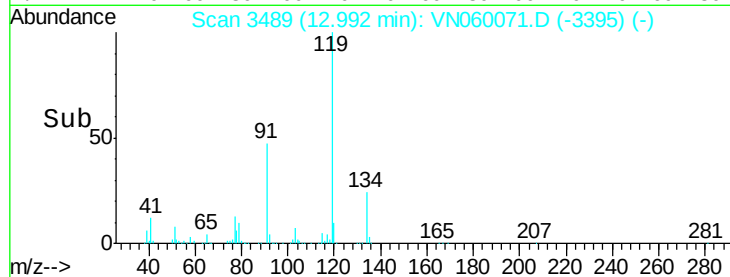
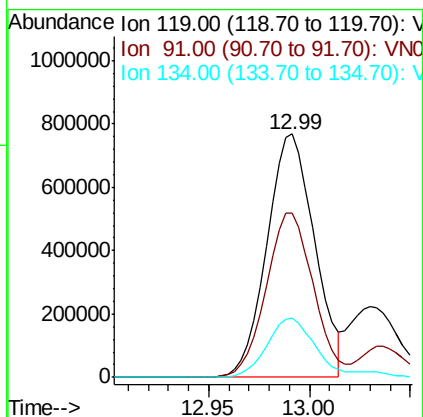
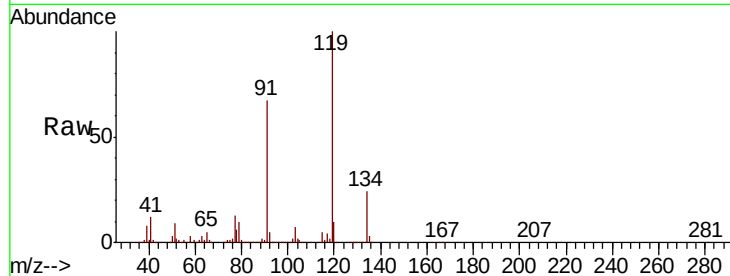




#83
 tert-Butylbenzene
 Concen: 136.831 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

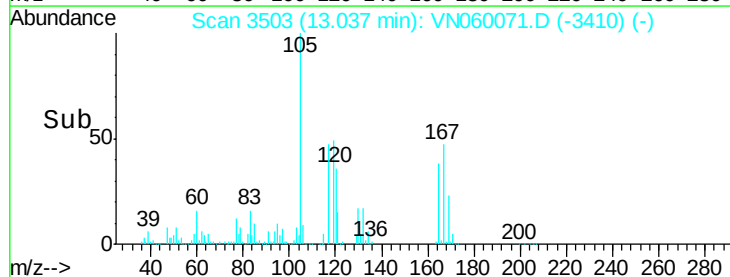
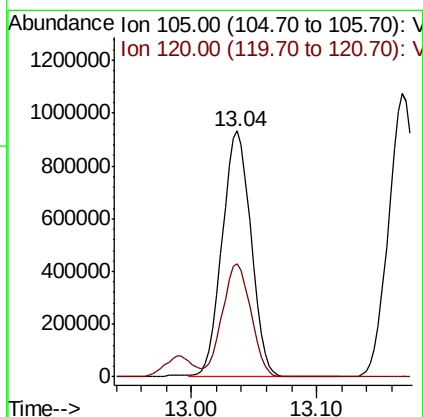
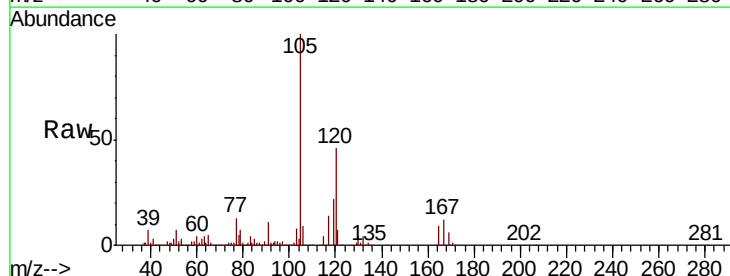
Instrument :
 MSVOA_N
 ClientSampleId :

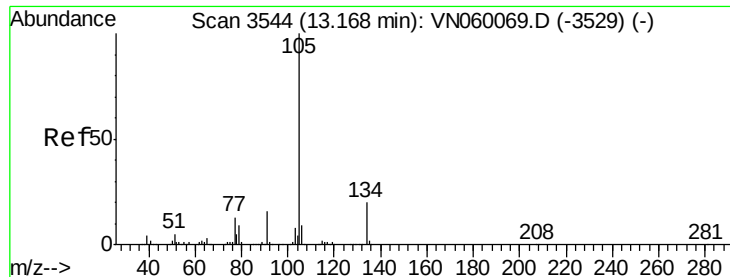
Tot Ion:119 Resp: 1260962
 Ion Ratio Lower Upper
 119 100
 91 66.5 32.7 98.1
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 144.549 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion:105 Resp: 1486446
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 140.602 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

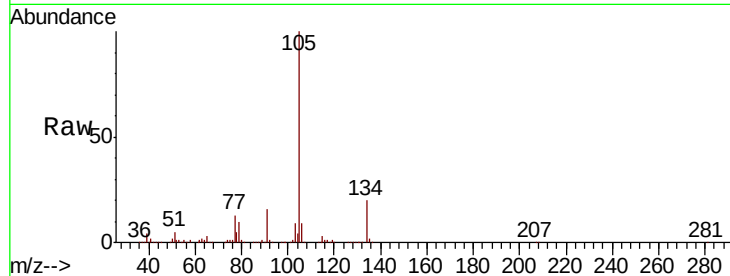
ClientSampled :

Tot Ion:105 Resp: 1715992

Ion Ratio Lower Upper

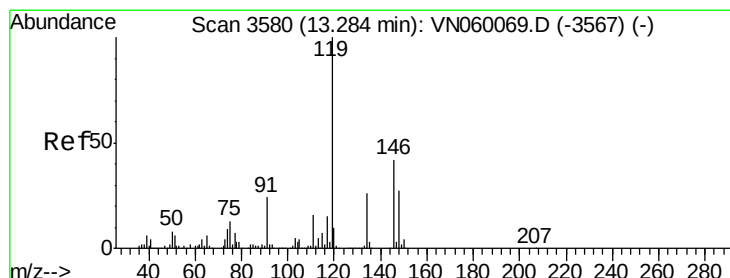
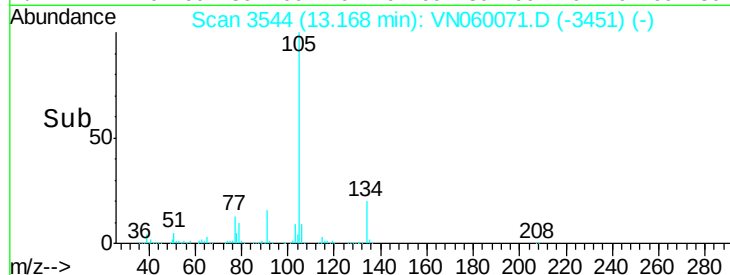
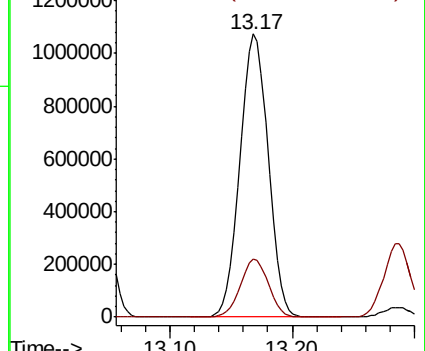
105 100

134 20.3 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 143.986 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

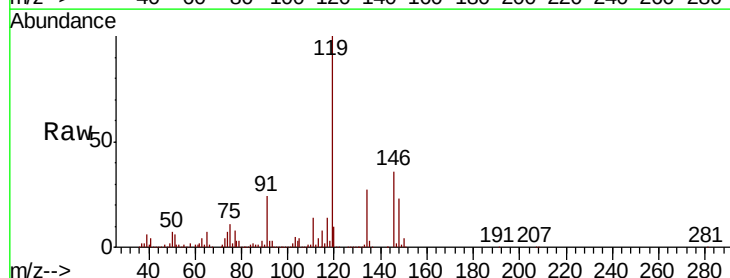
Tgt Ion:119 Resp: 1592170

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

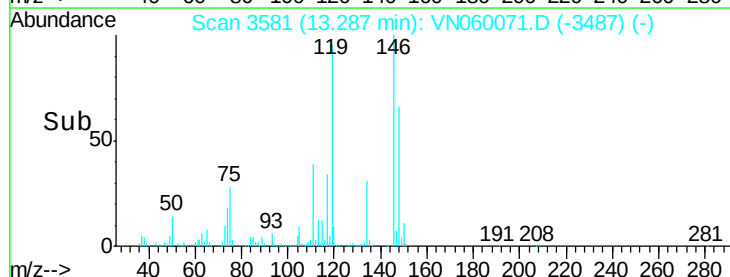
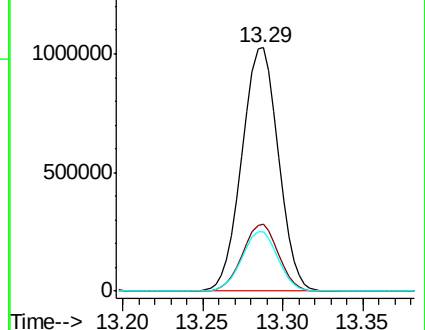
91 24.0 11.9 35.9

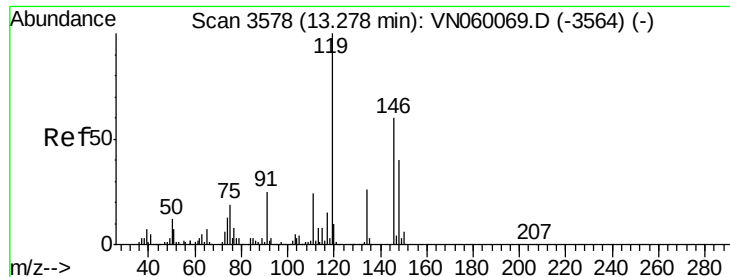


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 146.657 ug/l

RT: 13.28 min Scan# 3578

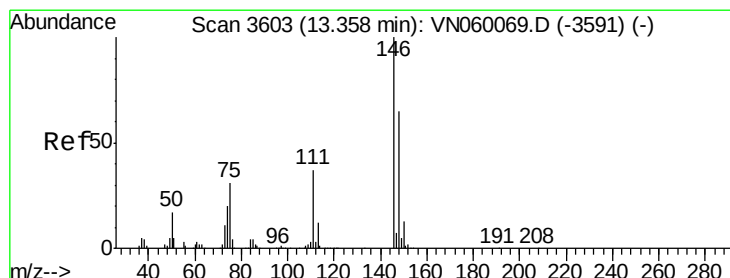
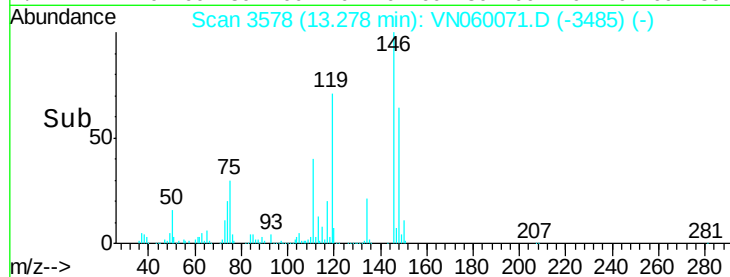
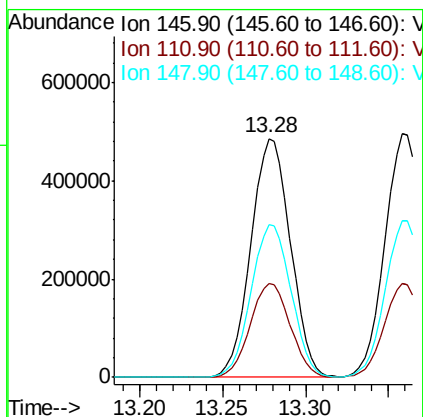
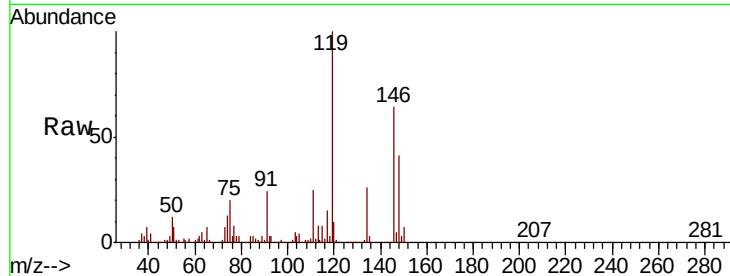
Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.3
148	64.6	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 145.653 ug/l

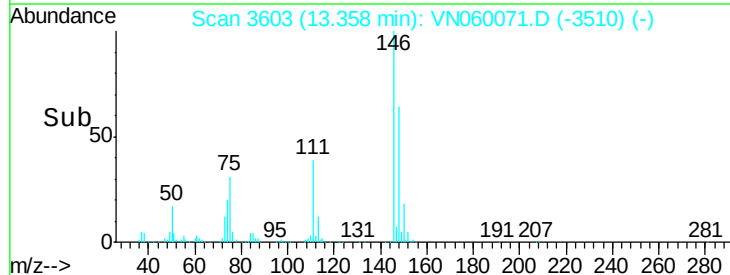
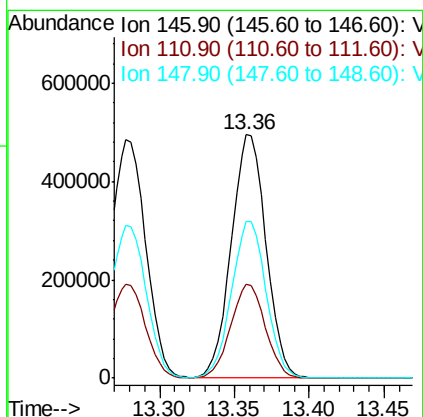
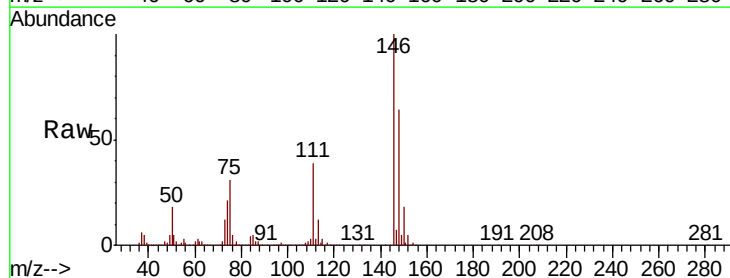
RT: 13.36 min Scan# 3603

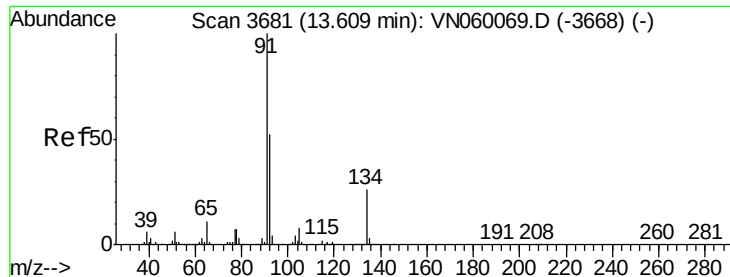
Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.5
148	64.2	32.0	96.0





#89

n-Butylbenzene

Concen: 149.031 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

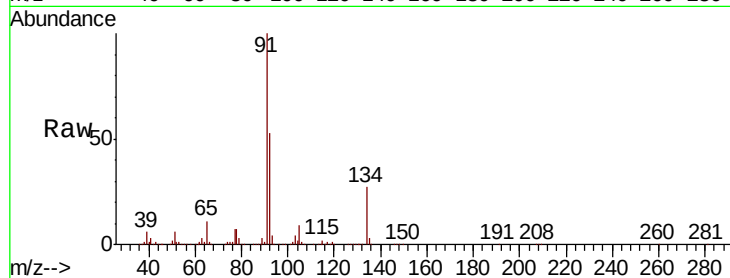
Tot Ion: 91 Resp: 1449476

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.2

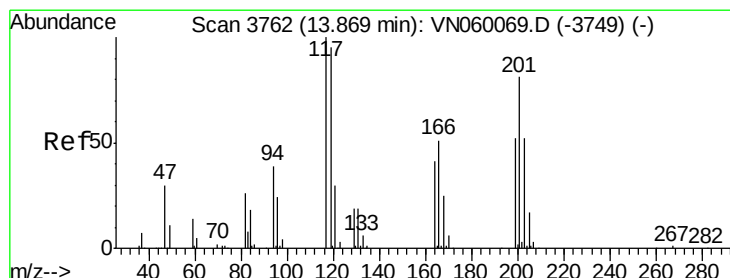
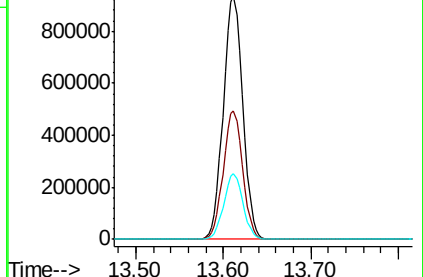
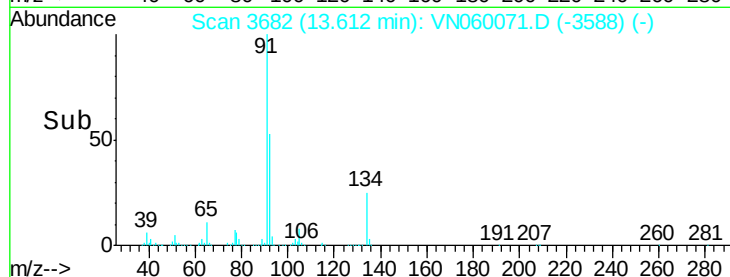
134 26.4 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN060071.D (-3588) (-)

Ion 92.00 (91.70 to 92.70): VN060071.D (-3588) (-)

Ion 134.00 (133.70 to 134.70): VN060071.D (-3588) (-)



#90

Hexachloroethane

Concen: 146.642 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060071.D

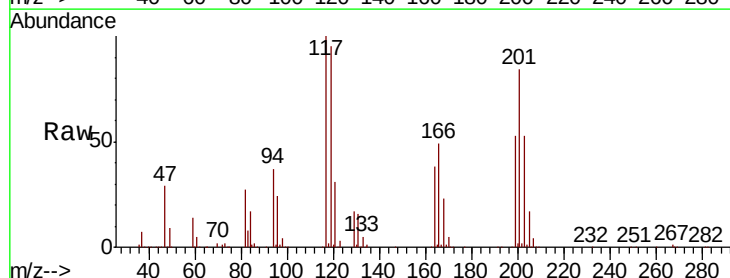
Acq: 12 Feb 2020 13:13

Tgt Ion: 117 Resp: 302932

Ion Ratio Lower Upper

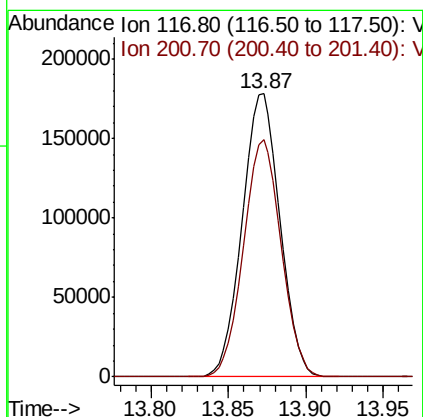
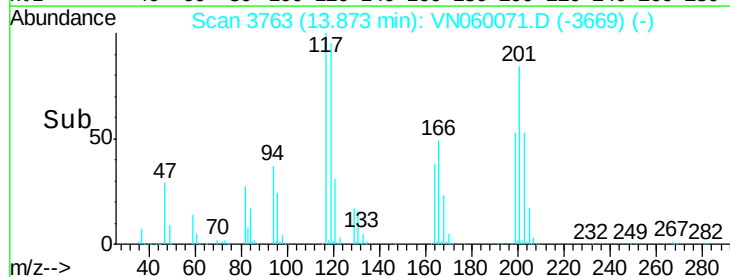
117 100

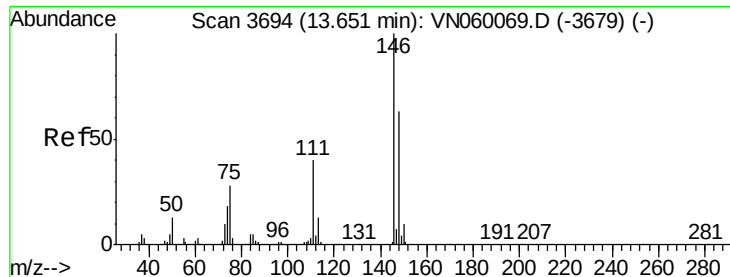
201 83.6 41.7 125.1



Abundance Ion 116.80 (116.50 to 117.50): VN060071.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060071.D (-3669) (-)

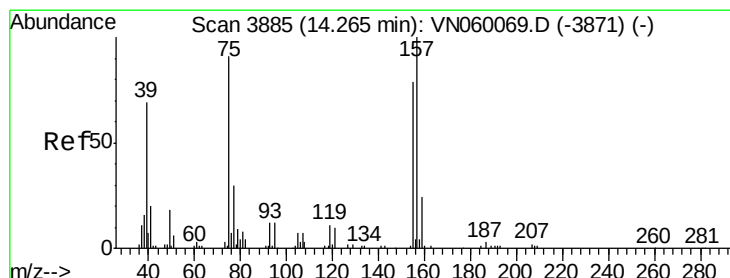
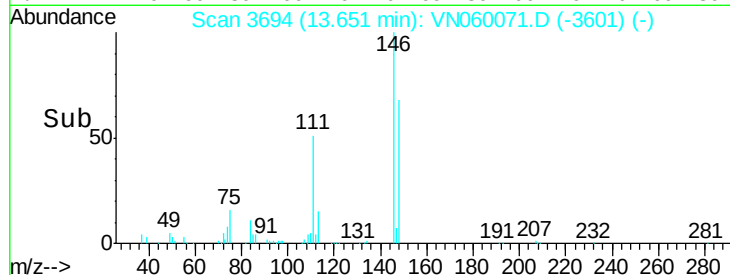
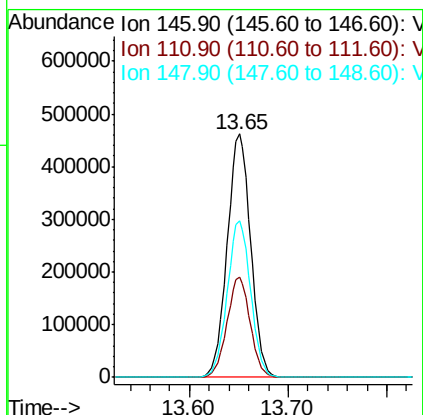
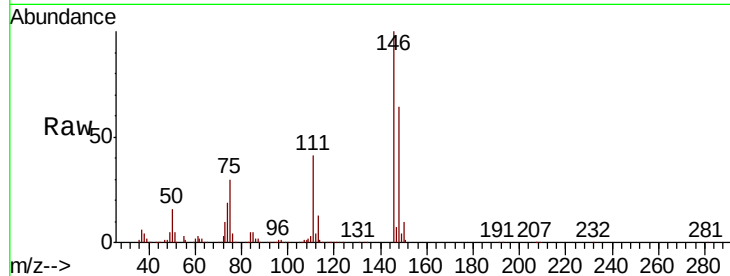




#91
 1,2-Dichlorobenzene
 Concen: 142.691 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

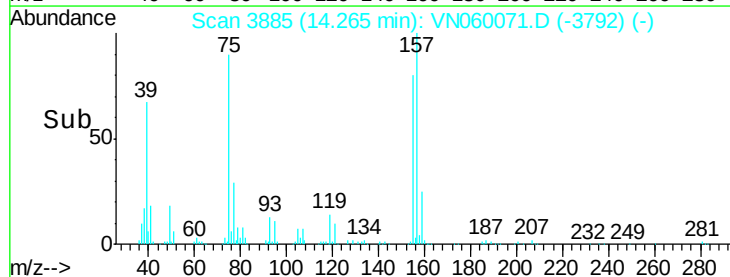
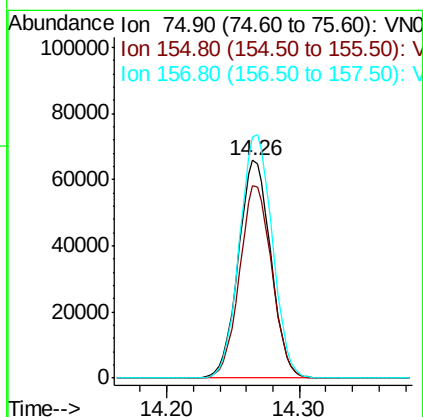
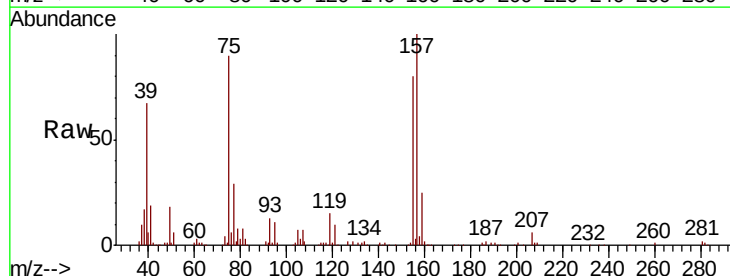
Instrument :
 MSVOA_N
 ClientSampleId :

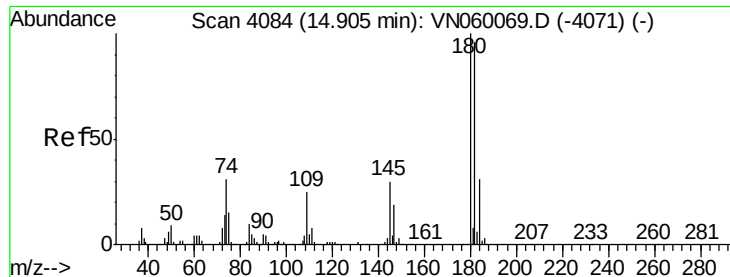
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.2
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.408 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	43.0	129.0
157	112.6	54.9	164.5

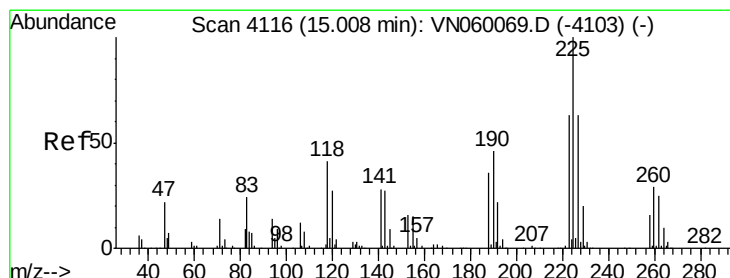
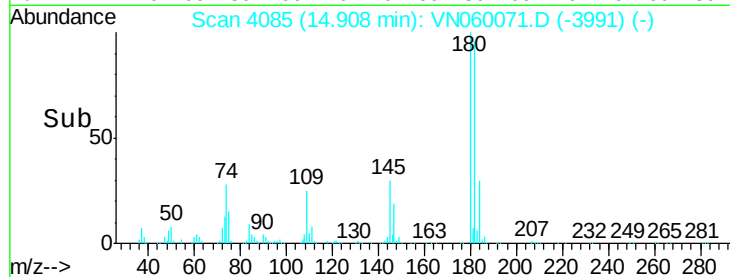
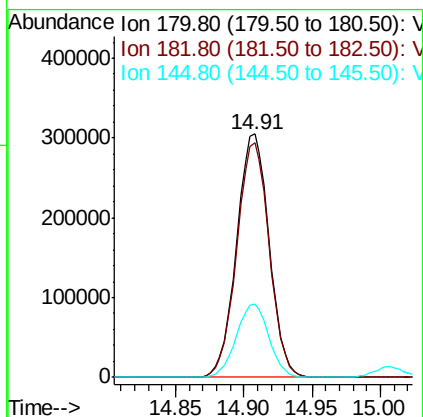
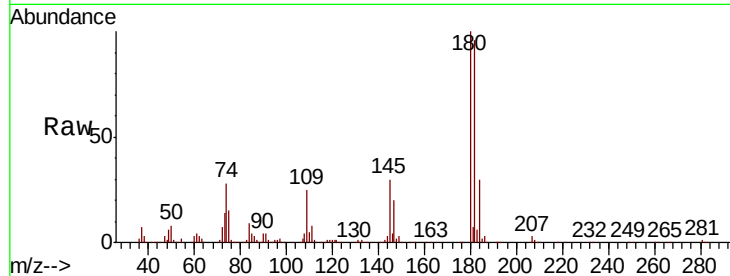




#93
 1,2,4-Trichlorobenzene
 Concen: 159.582 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

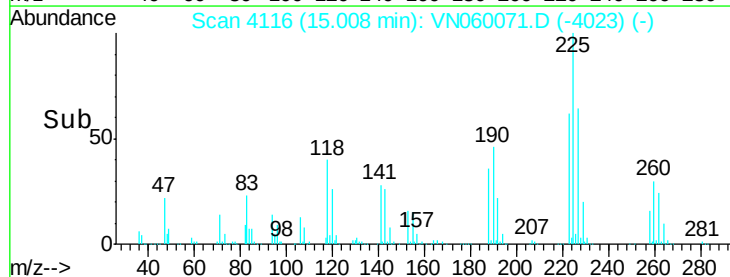
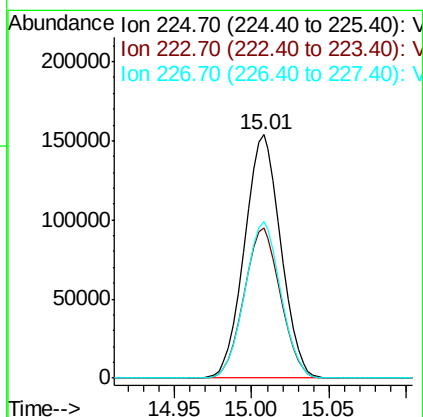
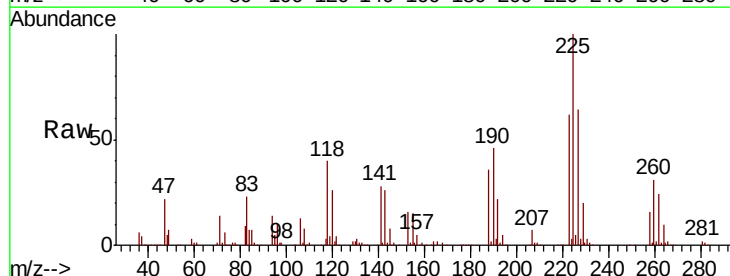
Instrument :
 MSVOA_N
 ClientSampled :

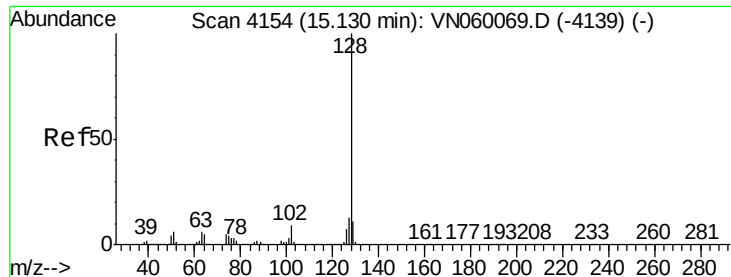
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.8
145	30.2	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 135.723 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060071.D
 Acq: 12 Feb 2020 13:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.5	94.5
227	63.8	31.8	95.4





#95

Naphthalene

Concen: 165.301 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

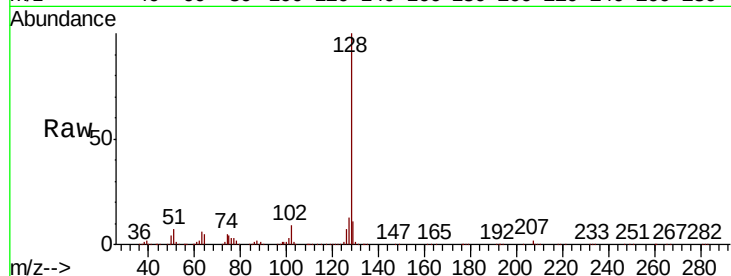
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1413203

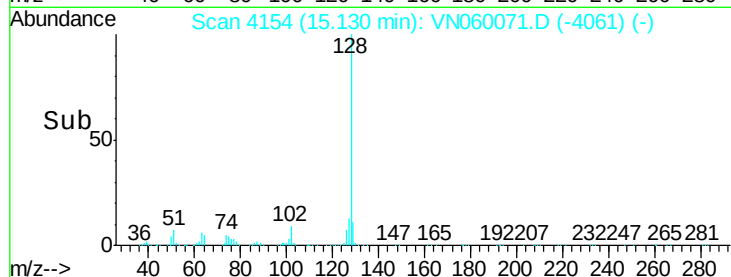
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	13.0



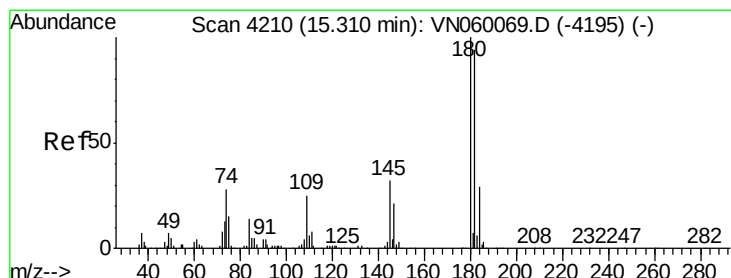
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 155.096 ug/l

RT: 15.31 min Scan# 4210

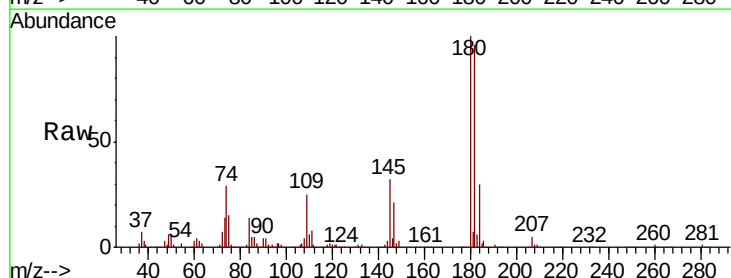
Delta R.T. -0.00 min

Lab File: VN060071.D

Acq: 12 Feb 2020 13:13

Tgt Ion:180 Resp: 488825

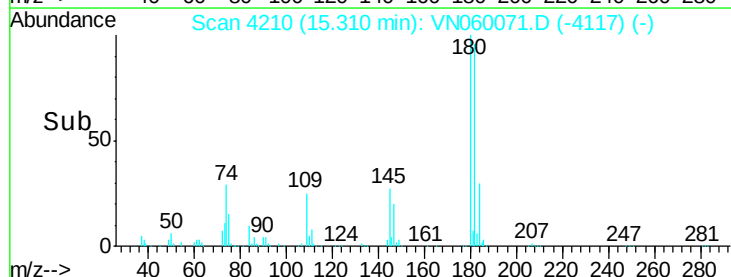
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.5
145	31.8	16.1	48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->