

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060086.D
 Acq On : 13 Feb 2020 11:57
 Operator : JC/MD
 Sample : VN0213WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 14 04:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	121853	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.56	113	95664	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.08	98	371650	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	135191	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37306	18.813	ug/l	99
3) Chloromethane	2.04	50	43042	18.240	ug/l	97
4) Vinyl Chloride	2.17	62	48415	18.000	ug/l	98
5) Bromomethane	2.55	94	29673	17.991	ug/l	99
6) Chloroethane	2.69	64	24714	18.166	ug/l	98
7) Trichlorofluoromethane	3.00	101	61668	17.782	ug/l	99
8) Diethyl Ether	3.38	74	21860	18.936	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34586	17.963	ug/l	98
10) Methyl Iodide	3.93	142	45105	19.053	ug/l	98
11) Tert butyl alcohol	4.73	59	34637	95.884	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	34125	18.194	ug/l	98
13) Acrolein	3.58	56	23371	65.453	ug/l	97
14) Allyl chloride	4.29	41	54060	19.582	ug/l	91
15) Acrylonitrile	4.94	53	87088	98.717	ug/l	97
16) Acetone	3.78	43	89008	84.531	ug/l	100
17) Carbon Disulfide	4.03	76	100944	17.855	ug/l	100
18) Methyl Acetate	4.29	43	38524	19.476	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	119115	18.884	ug/l	99
20) Methylene Chloride	4.52	84	38885	18.510	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	37364	18.275	ug/l	98
22) Diisopropyl ether	5.91	45	112738	18.634	ug/l	99
23) Vinyl Acetate	5.86	43	482846	95.034	ug/l	98
24) 1,1-Dichloroethane	5.81	63	66768	18.217	ug/l	100
25) 2-Butanone	6.80	43	122789	92.720	ug/l	100
26) 2,2-Dichloropropane	6.80	77	61839	17.764	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	42771	17.875	ug/l	97
28) Bromochloromethane	7.17	49	28703	19.920	ug/l	99
29) Tetrahydrofuran	7.18	42	77749	95.700	ug/l	99
30) Chloroform	7.35	83	70701	18.415	ug/l	100
31) Cyclohexane	7.63	56	62080	18.183	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	63135	17.995	ug/l	100
36) 1,1-Dichloropropene	7.77	75	51681	17.767	ug/l	100
37) Ethyl Acetate	6.90	43	51517	19.596	ug/l	97
38) Carbon Tetrachloride	7.75	117	55536	17.580	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	64756	17.934	ug/l	97
40) Benzene	8.02	78	155211	17.988	ug/l	100
41) Methacrylonitrile	7.18	41	73073	66.280	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	56865	18.803	ug/l	100
43) Isopropyl Acetate	8.14	43	85459	19.017	ug/l	99
44) Trichloroethene	8.82	130	43082	18.032	ug/l	96
45) 1,2-Dichloropropane	9.10	63	40102	18.772	ug/l	99
46) Dibromomethane	9.19	93	28584	18.934	ug/l	99
47) Bromodichloromethane	9.38	83	56186	18.306	ug/l	99
48) Methyl methacrylate	9.18	41	36265	17.986	ug/l	99
49) 1,4-Dioxane	9.18	88	14358	416.778	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	244446	93.976	ug/l	99
52) Toluene	10.14	92	100087	18.088	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	64355	18.576	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	68002	18.641	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	40097	18.575	ug/l	99
56) Ethyl methacrylate	10.42	69	57507	18.832	ug/l	100
57) 1,3-Dichloropropane	10.70	76	66870	18.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	136753	96.126	ug/l	99
59) 2-Hexanone	10.74	43	184571	91.857	ug/l	100
60) Dibromochloromethane	10.89	129	44895	18.123	ug/l	97
61) 1,2-Dibromoethane	10.99	107	42605	18.827	ug/l	98
64) Tetrachloroethene	10.62	164	38203	17.173	ug/l	99
65) Chlorobenzene	11.43	112	107492	18.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41327	18.324	ug/l	100
67) Ethyl Benzene	11.50	91	196008	18.228	ug/l	99
68) m/p-Xylenes	11.62	106	144636	35.839	ug/l	100
69) o-Xylene	11.94	106	68844	17.717	ug/l	97
70) Styrene	11.96	104	111612	17.812	ug/l	100
71) Bromoform	12.12	173	32765	18.062	ug/l #	97
73) Isopropylbenzene	12.25	105	186965	17.937	ug/l	100
74) N-amyl acetate	12.07	43	71820	19.108	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	57920	19.305	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	75329	28.207	ug/l #	100
77) Bromobenzene	12.52	156	47470	18.351	ug/l	98
78) n-propylbenzene	12.59	91	213533	17.981	ug/l	100
79) 2-Chlorotoluene	12.67	91	126207	18.081	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	158313	18.267	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20092	18.421	ug/l	99
82) 4-Chlorotoluene	12.77	91	130917	18.281	ug/l	99
83) tert-Butylbenzene	12.99	119	135184	17.633	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	157842	18.450	ug/l	99
85) sec-Butylbenzene	13.17	105	182246	17.949	ug/l	99
86) p-Isopropyltoluene	13.28	119	166430	18.092	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85113	18.588	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	83830	18.311	ug/l	99
89) n-Butylbenzene	13.61	91	146020	18.046	ug/l	99
90) Hexachloroethane	13.87	117	30208	17.577	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82311	18.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12332	18.851	ug/l	93

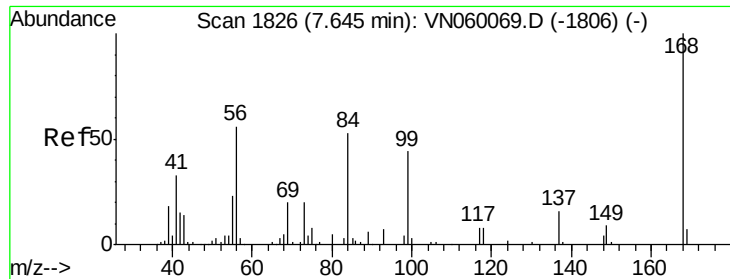
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50352	19.124	ug/l	98
94) Hexachlorobutadiene	15.01	225	27707	17.975	ug/l	100
95) Naphthalene	15.13	128	138871	19.525	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49900	19.031	ug/l	100

(#) = 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: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

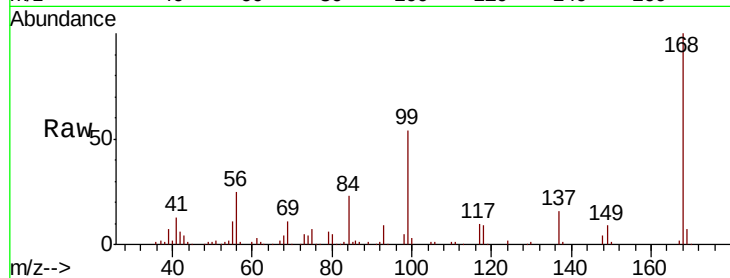
ClientSampleId :

Tot Ion:168 Resp: 198383

Ion Ratio Lower Upper

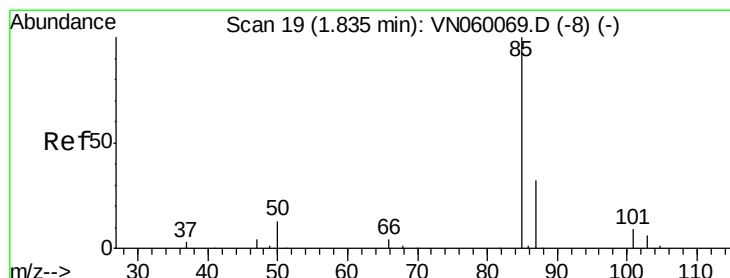
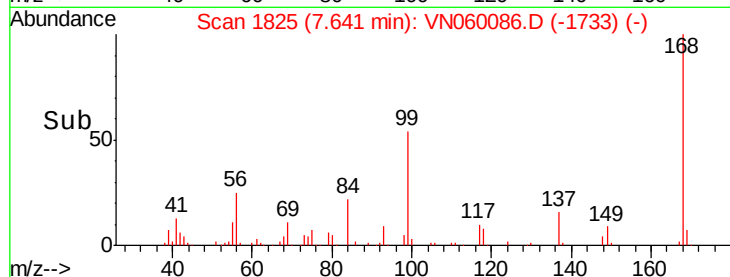
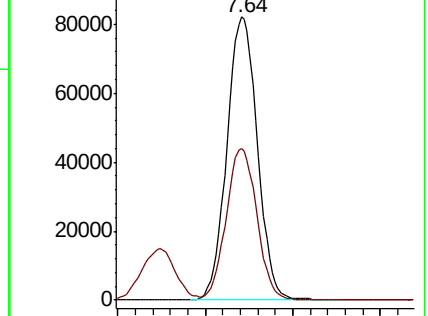
168 100

99 53.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.813 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060086.D

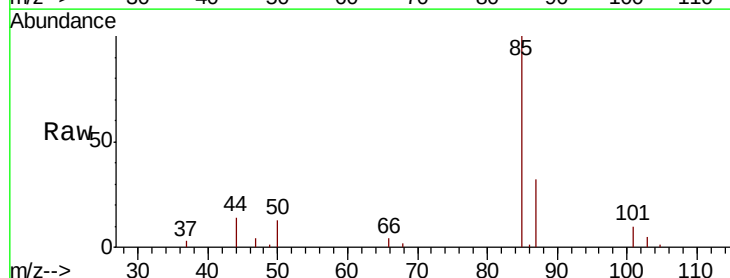
Acq: 13 Feb 2020 11:57

Tgt Ion: 85 Resp: 37306

Ion Ratio Lower Upper

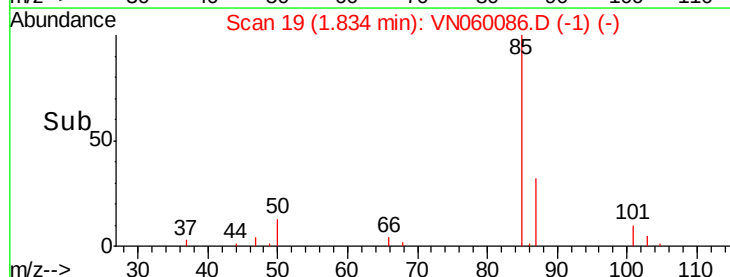
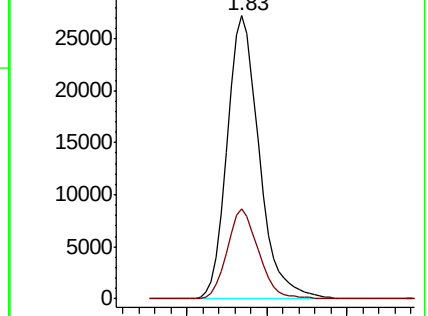
85 100

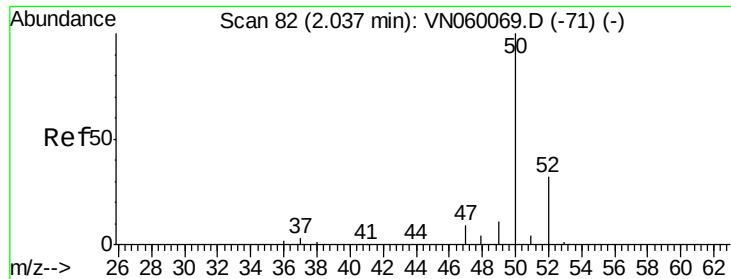
87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.240 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

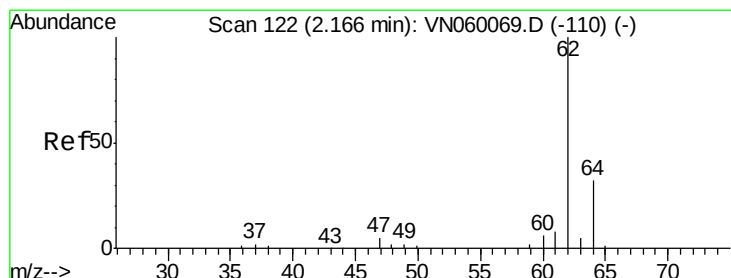
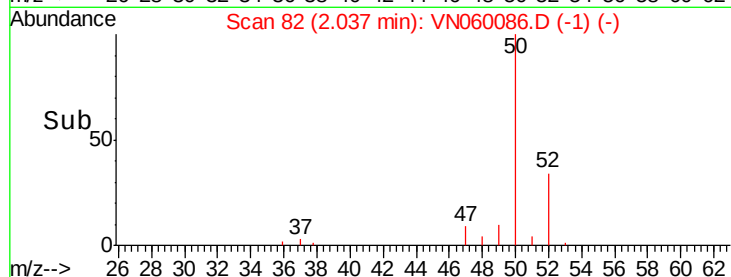
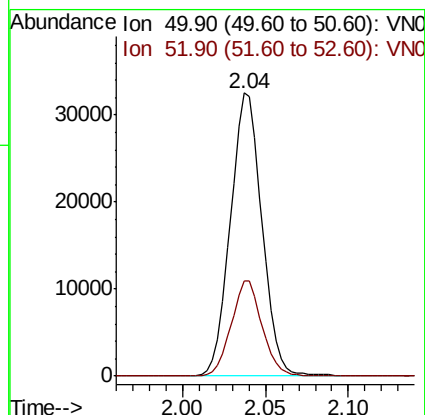
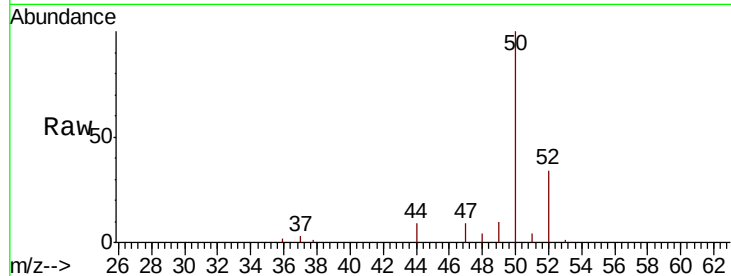
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 43042

Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



#4

Vinyl Chloride

Concen: 18.000 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060086.D

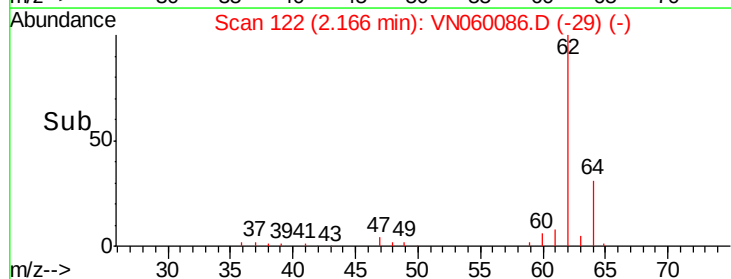
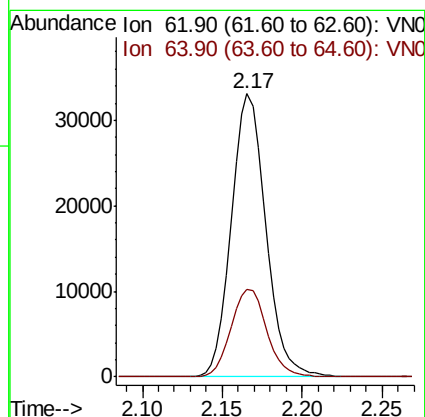
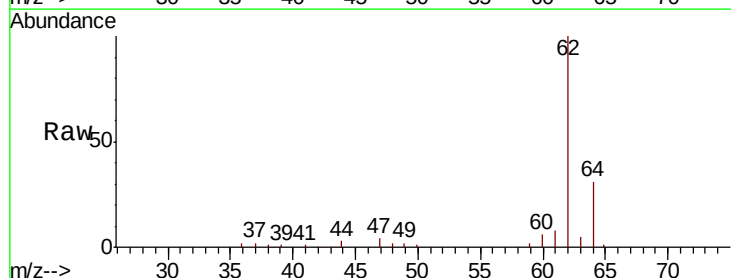
Acq: 13 Feb 2020 11:57

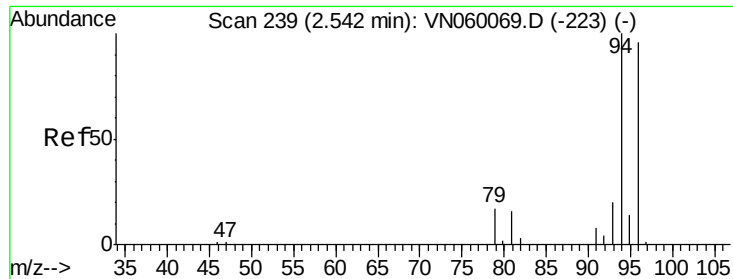
Tgt Ion: 62 Resp: 48415

Ion Ratio Lower Upper

62 100

64 31.1 25.9 38.9

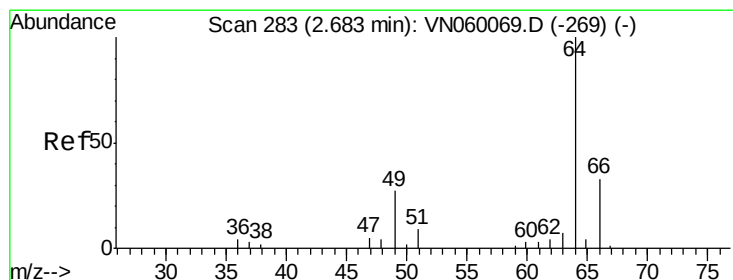
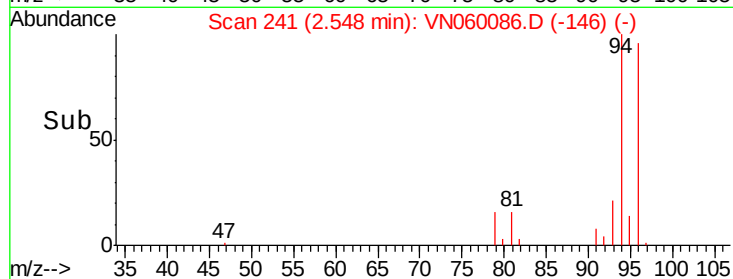
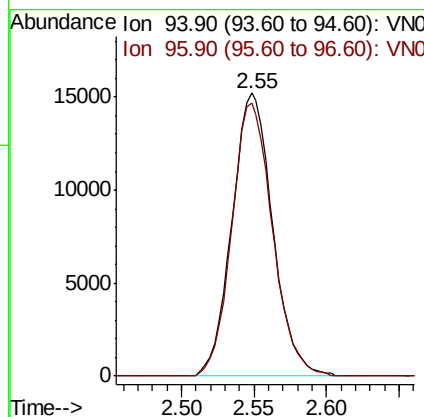
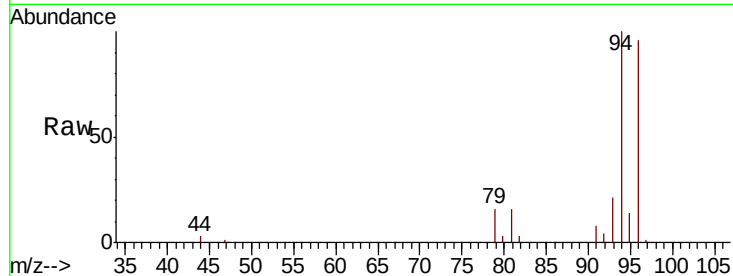




#5
Bromomethane
Concen: 17.991 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

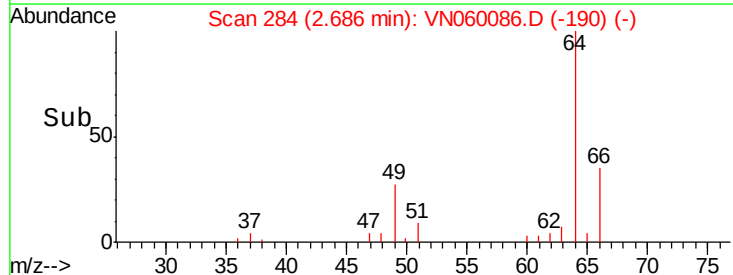
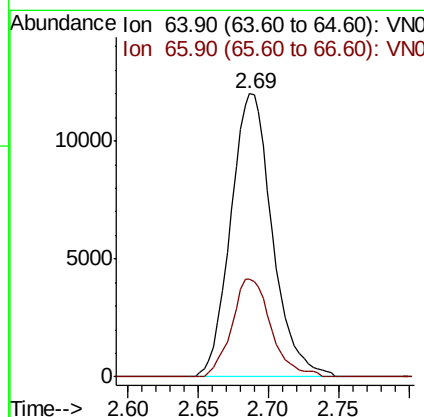
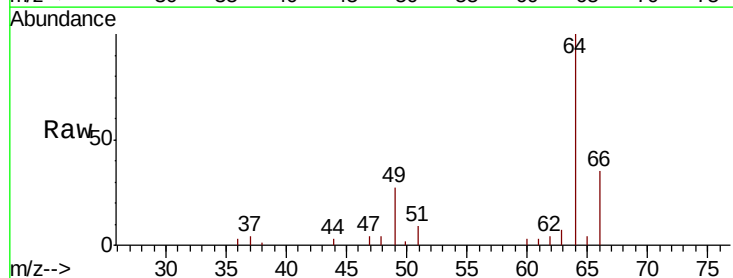
Instrument :
MSVOA_N
ClientSampleId :

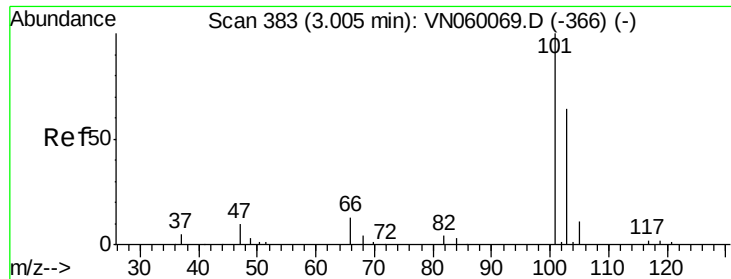
Tot Ion: 94 Resp: 29673
Ion Ratio Lower Upper
94 100
96 96.5 76.7 115.1



#6
Chloroethane
Concen: 18.166 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 64 Resp: 24714
Ion Ratio Lower Upper
64 100
66 34.7 26.6 40.0



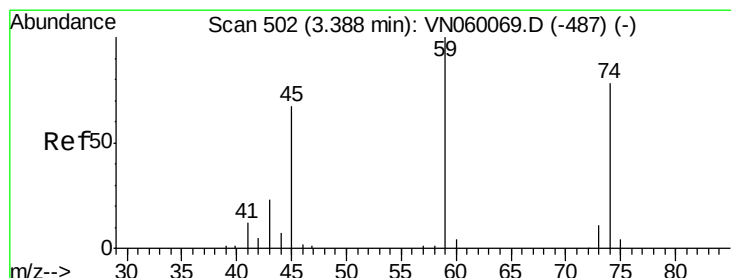
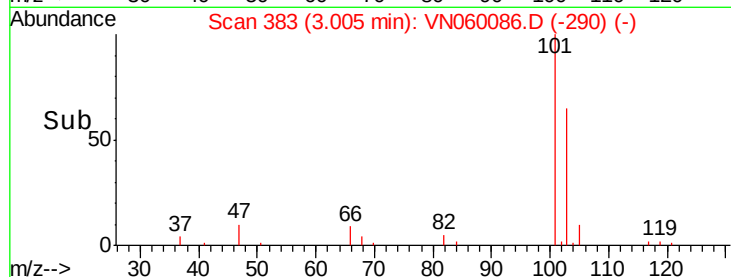
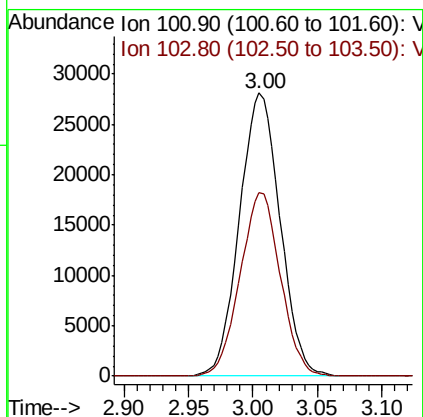
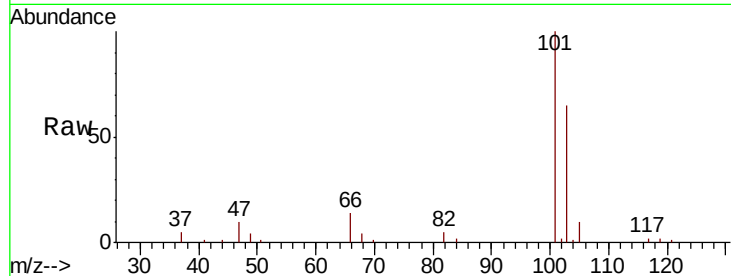


#7

Trichlorofluoromethane
 Concen: 17.782 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :

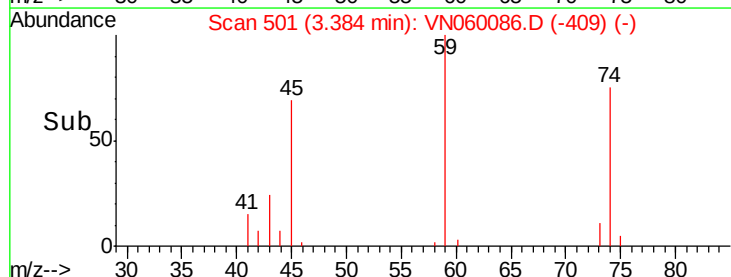
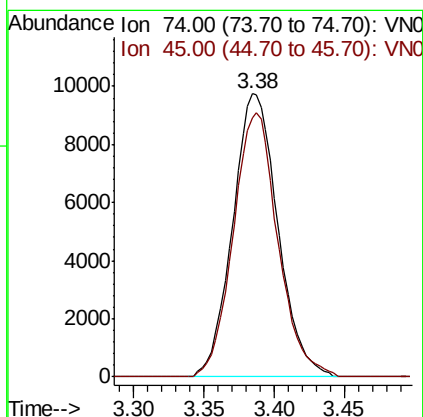
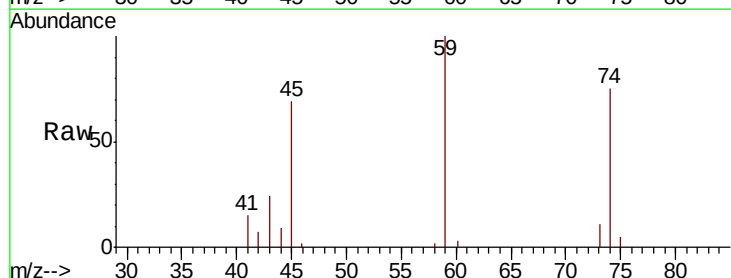
Tot Ion:101 Resp: 61668
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.0 76.6

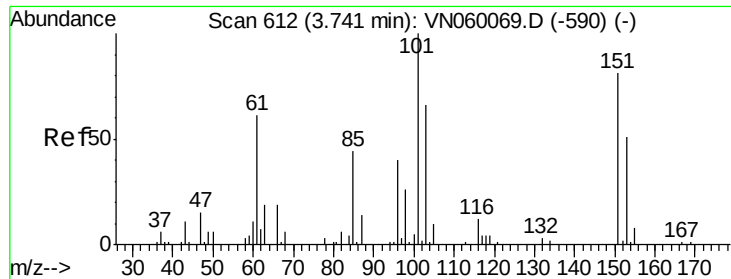


#8

Diethyl Ether
 Concen: 18.936 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion: 74 Resp: 21860
 Ion Ratio Lower Upper
 74 100
 45 92.2 44.7 134.1

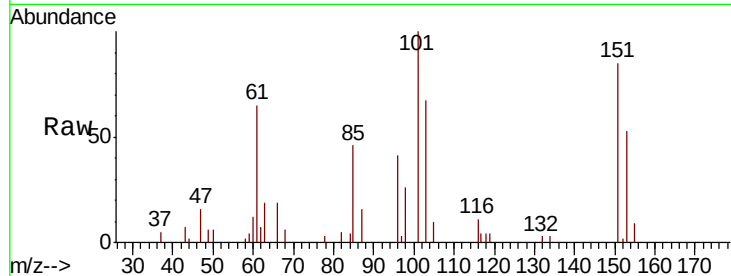




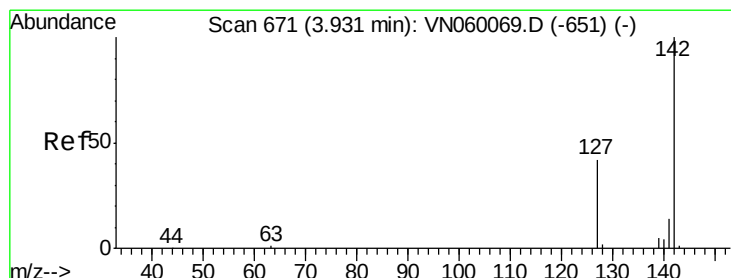
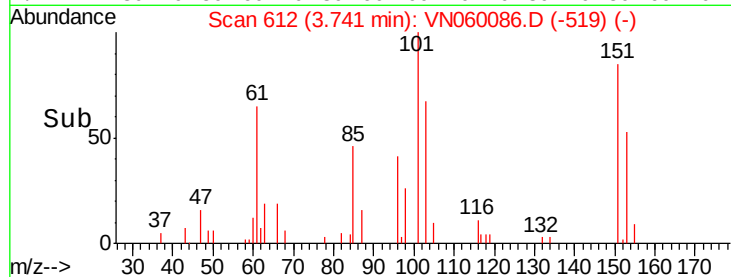
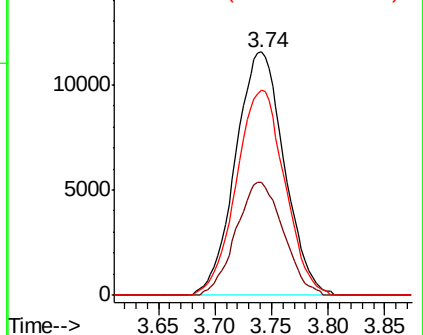
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.963 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 34586
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.1 52.7
 151 83.8 65.8 98.6

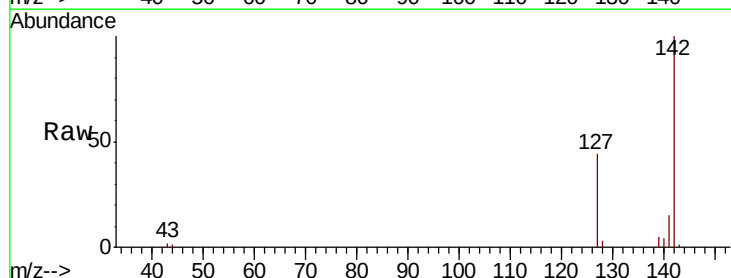


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

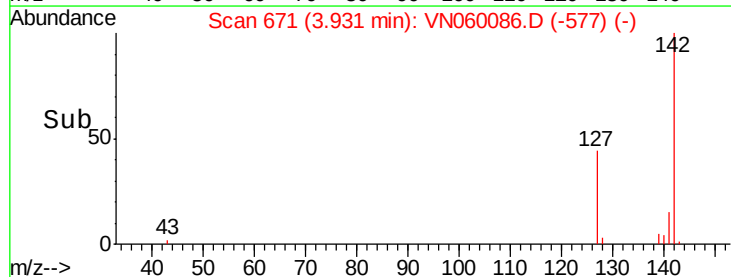
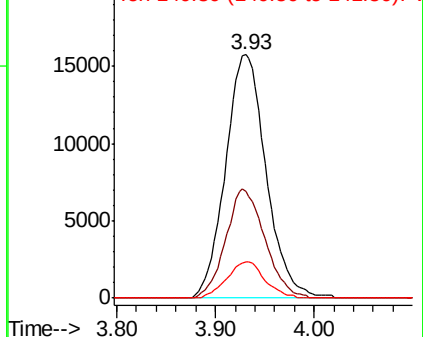


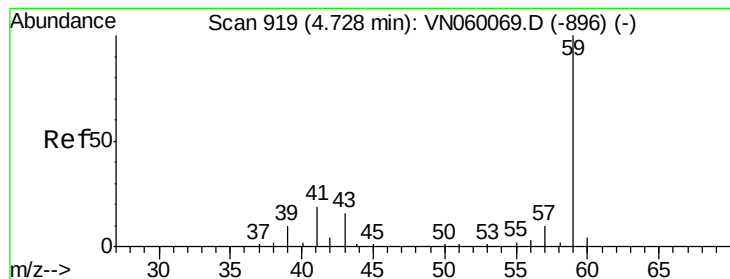
#10
 Methyl Iodide
 Concen: 19.053 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion:142 Resp: 45105
 Ion Ratio Lower Upper
 142 100
 127 43.1 33.6 50.4
 141 13.9 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



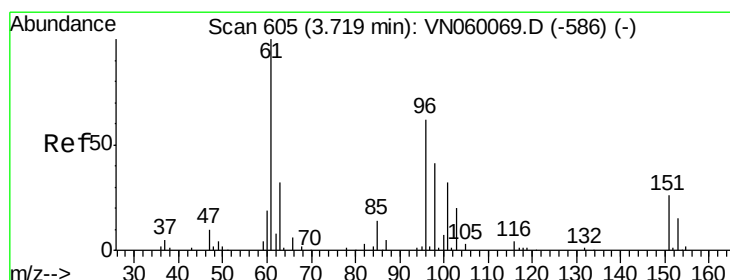
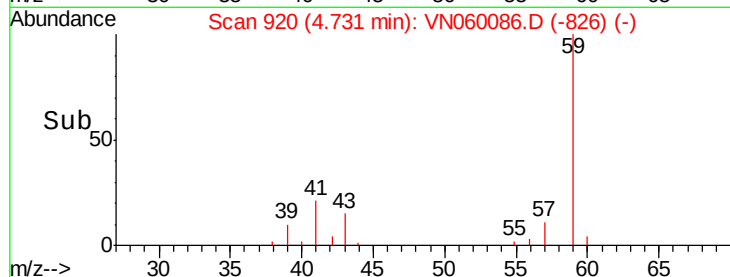
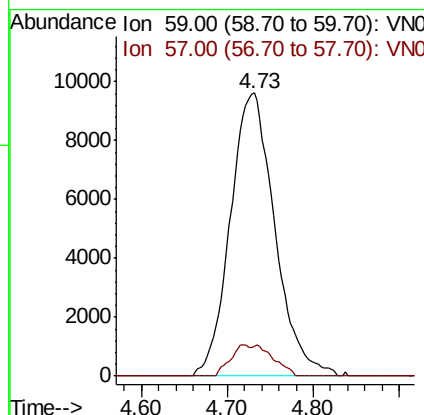
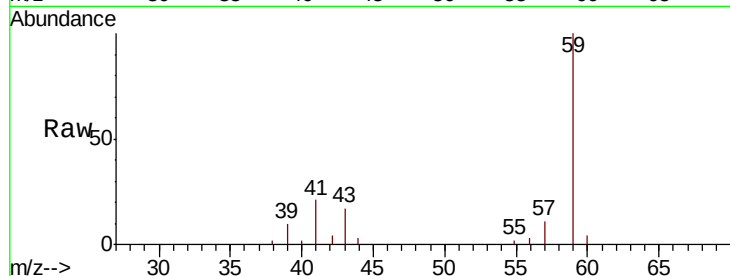


#11

Tert butyl alcohol
 Concen: 95.884 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :

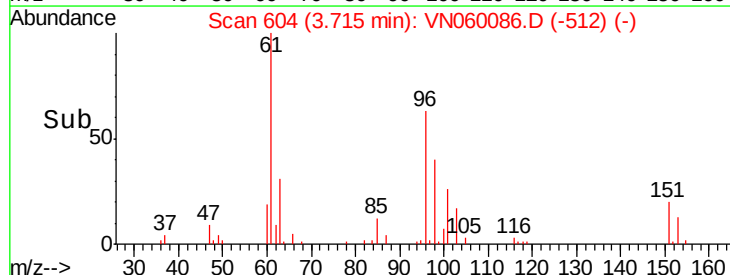
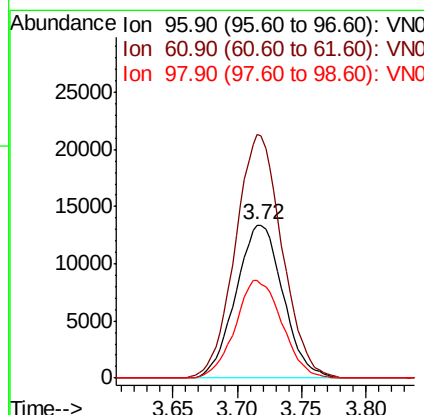
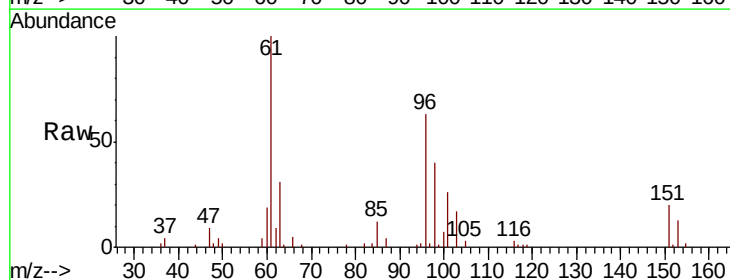
Tot Ion: 59 Resp: 34637
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.2 12.4#

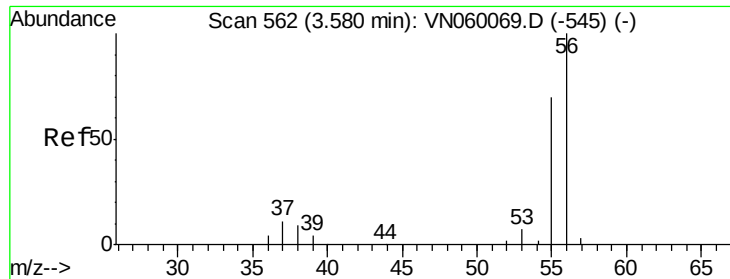


#12

1,1-Dichloroethene
 Concen: 18.194 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion: 96 Resp: 34125
 Ion Ratio Lower Upper
 96 100
 61 158.8 128.3 192.5
 98 63.4 52.2 78.4





#13

Acrolein

Concen: 65.453 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

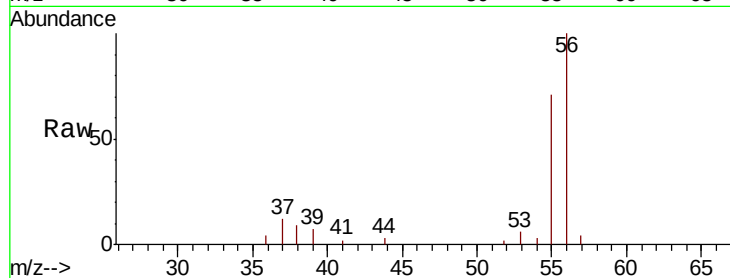
ClientSampled :

Tot Ion: 56 Resp: 23371

Ion Ratio Lower Upper

56 100

55 70.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-545) (-)

3.58

8000

6000

4000

2000

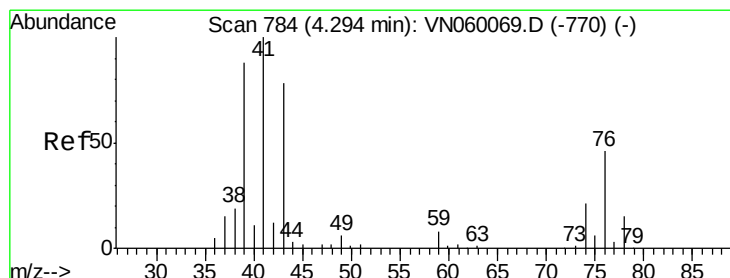
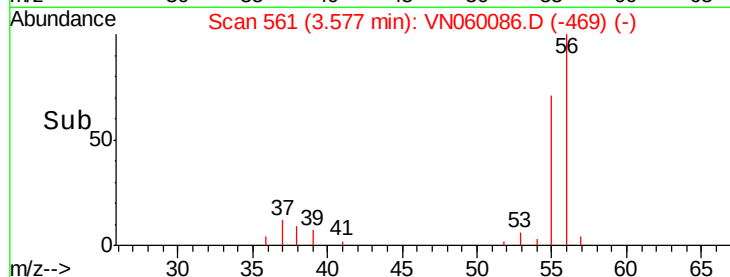
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 19.582 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

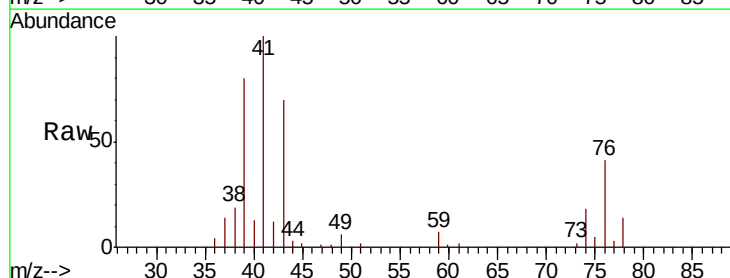
Tgt Ion: 41 Resp: 54060

Ion Ratio Lower Upper

41 100

39 75.3 67.8 101.8

76 38.3 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN060069.D (-770) (-)

4.29

20000

15000

10000

5000

0

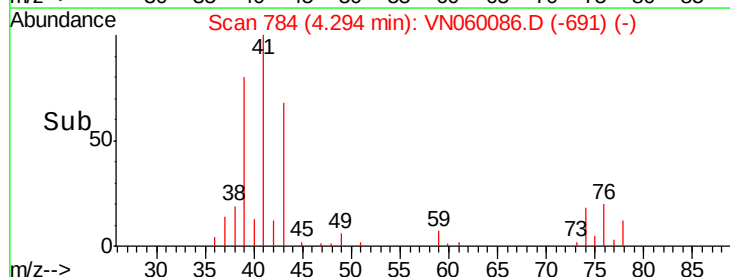
Time-->

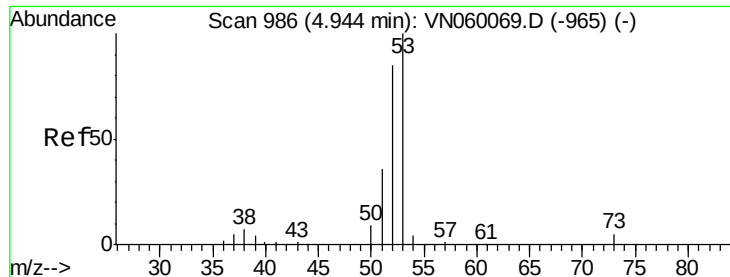
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 98.717 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

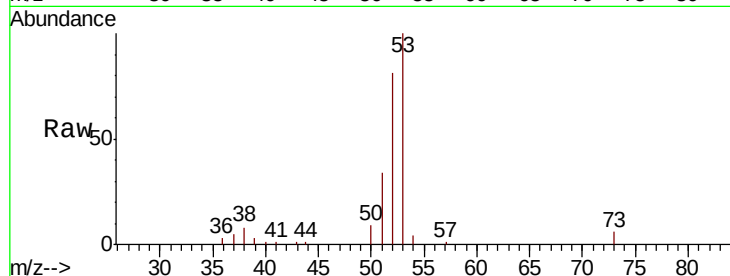
Tot Ion: 53 Resp: 87088

Ion Ratio Lower Upper

53 100

52 80.1 66.8 100.2

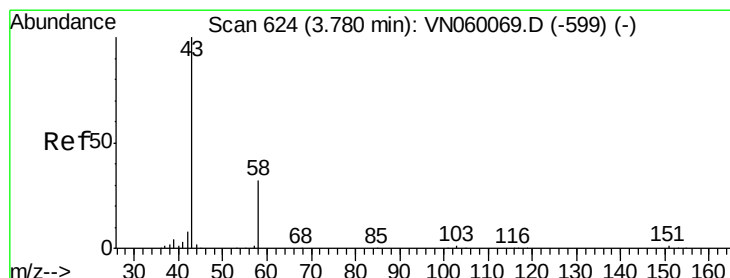
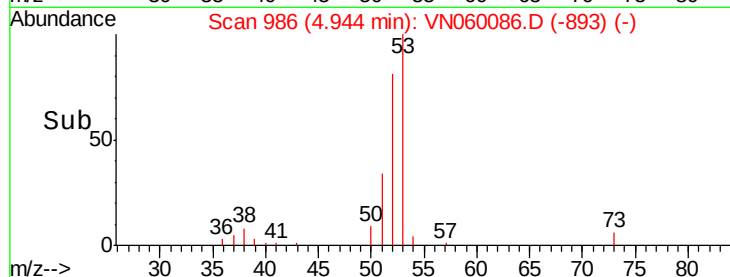
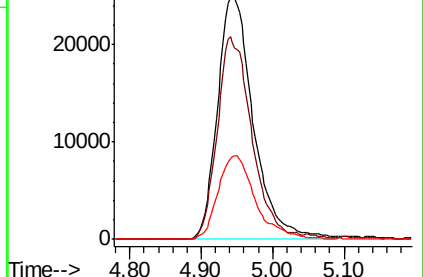
51 35.7 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN060086.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN060086.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN060086.D (-965) (-)



#16

Acetone

Concen: 84.531 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060086.D

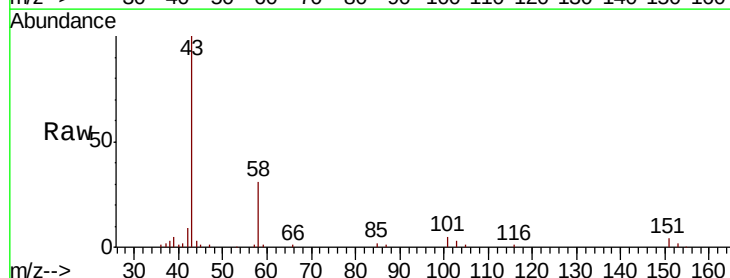
Acq: 13 Feb 2020 11:57

Tgt Ion: 43 Resp: 89008

Ion Ratio Lower Upper

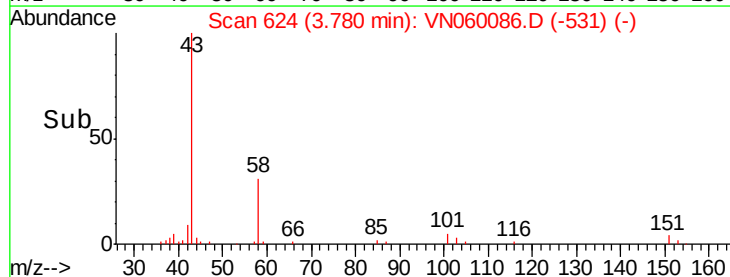
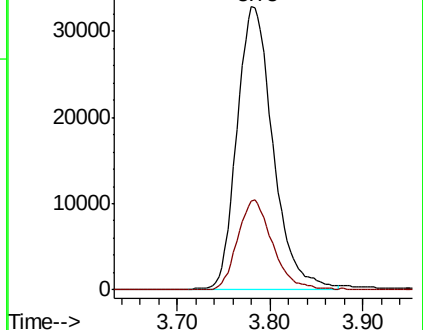
43 100

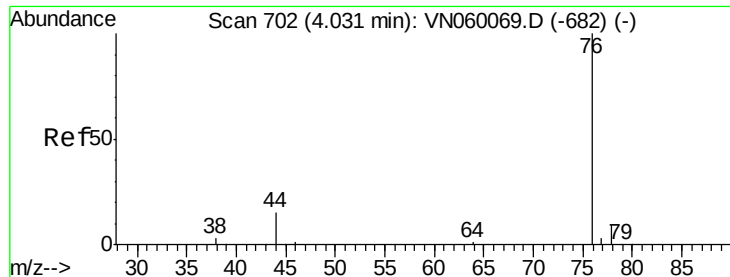
58 31.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060086.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN060086.D (-599) (-)

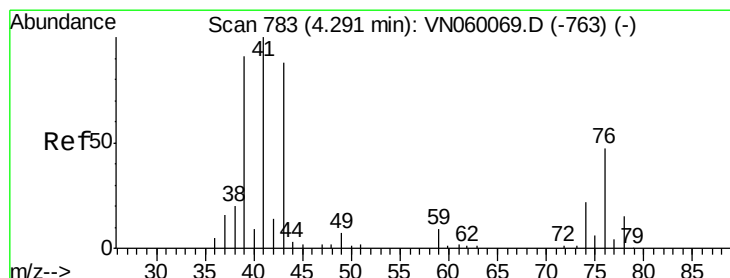
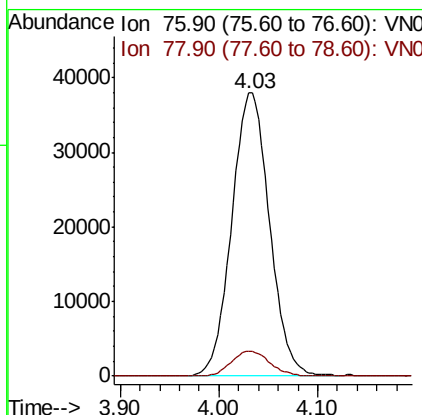
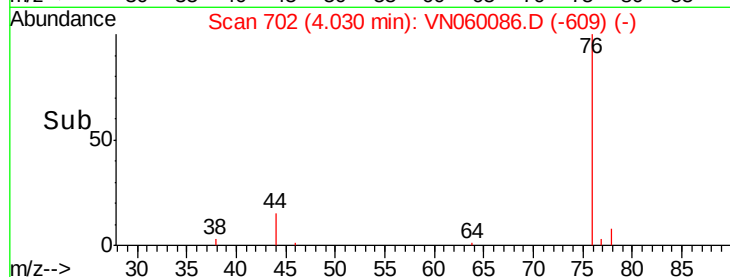
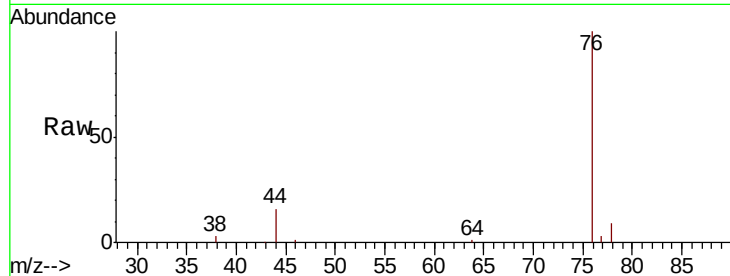




#17
Carbon Disulfide
Concen: 17.855 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

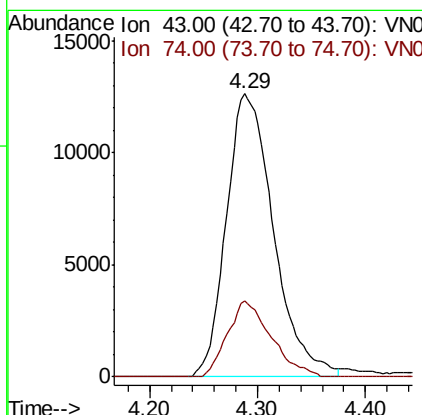
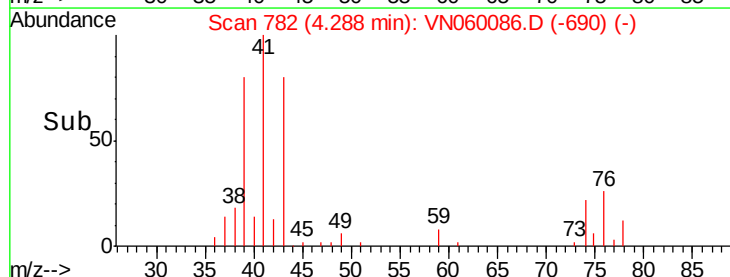
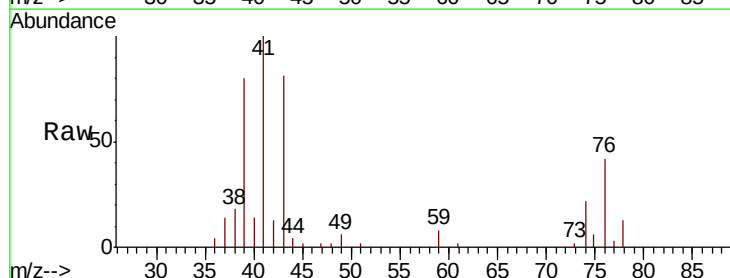
Instrument :
MSVOA_N
ClientSampled :

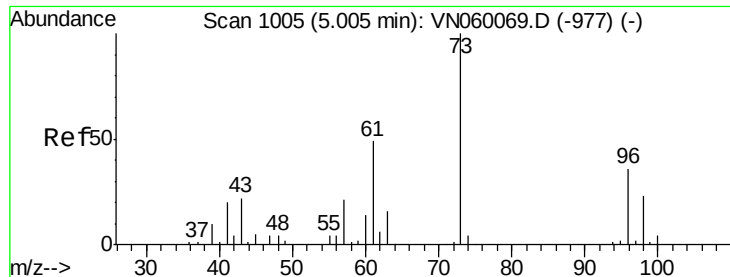
Tot Ion: 76 Resp: 100944
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 19.476 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 43 Resp: 38524
Ion Ratio Lower Upper
43 100
74 24.9 20.3 30.5

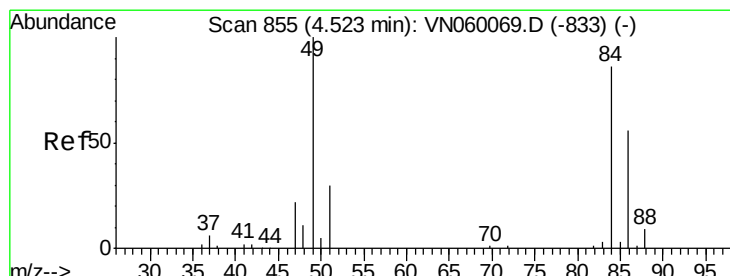
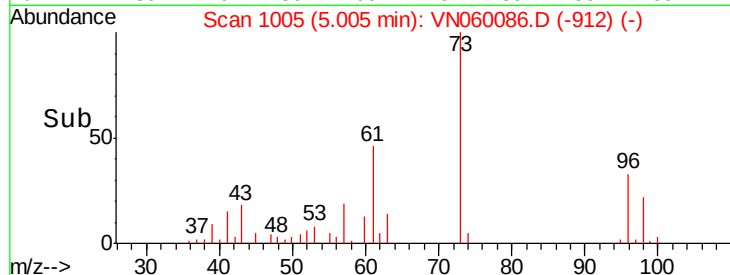
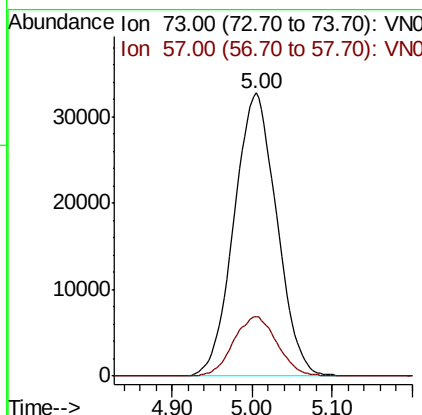
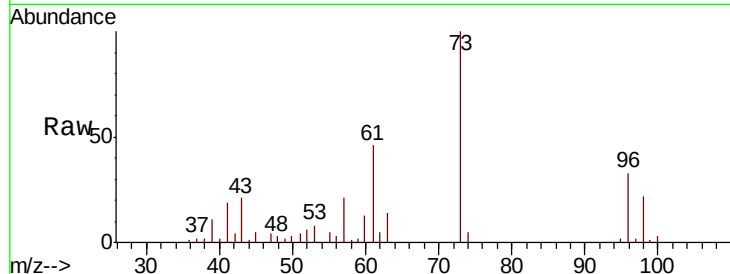




#19
Methyl tert-butyl Ether
Concen: 18.884 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

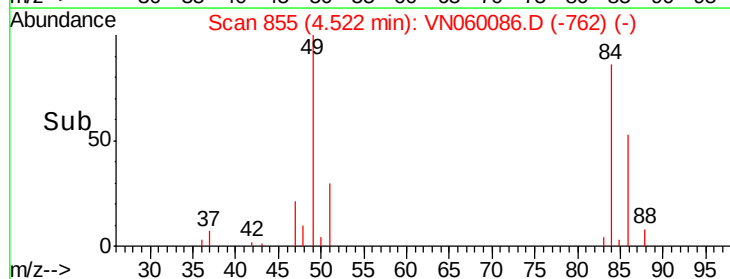
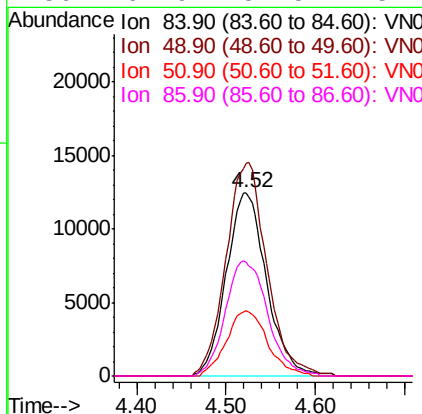
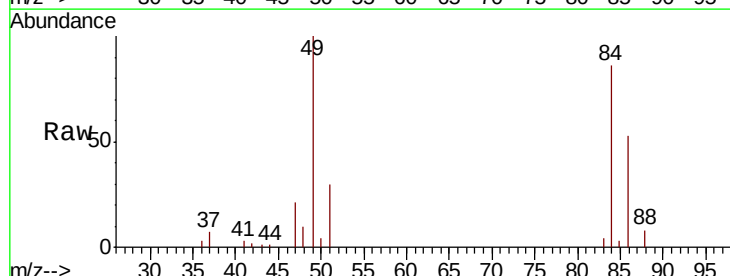
Instrument :
MSVOA_N
ClientSampleId :

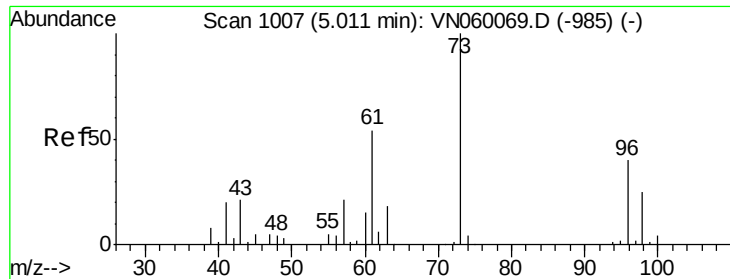
Tot Ion: 73 Resp: 119115
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 18.510 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 84 Resp: 38885
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 35.3 28.4 42.6
86 61.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.275 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

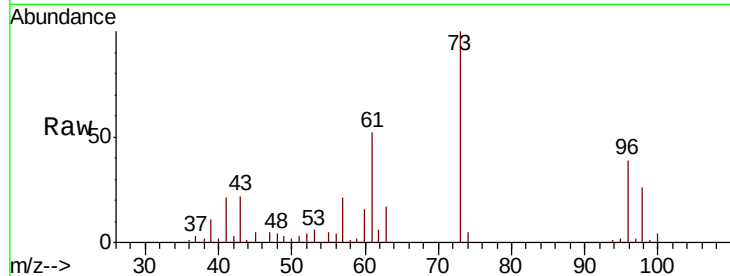
Tot Ion: 96 Resp: 37364

Ion Ratio Lower Upper

96 100

61 134.2 109.3 163.9

98 66.2 51.0 76.6

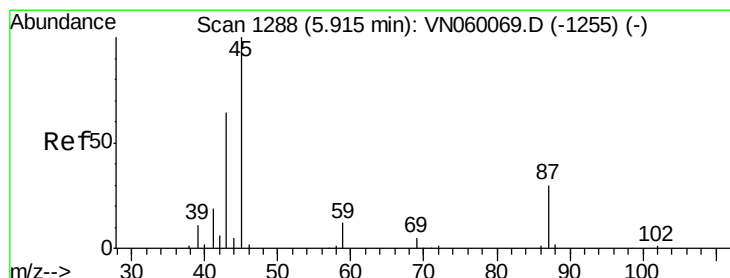
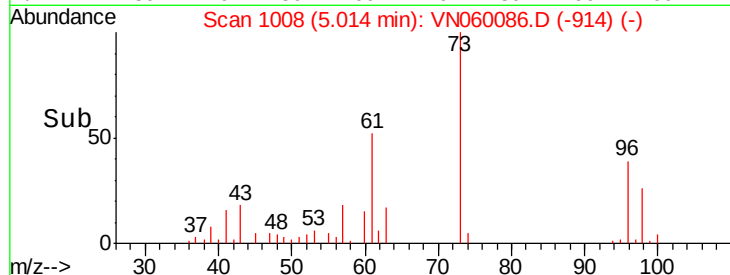
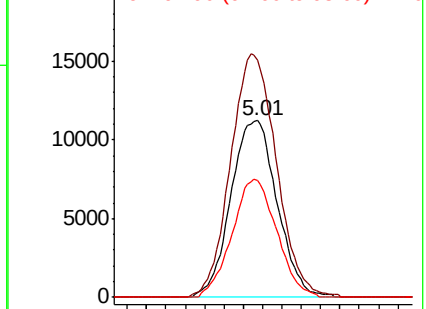


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.634 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Tgt Ion: 45 Resp: 112738

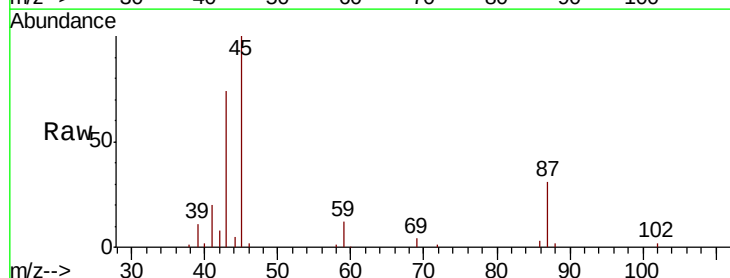
Ion Ratio Lower Upper

45 100

43 71.5 55.9 83.9

87 30.8 24.5 36.7

59 11.8 9.9 14.9



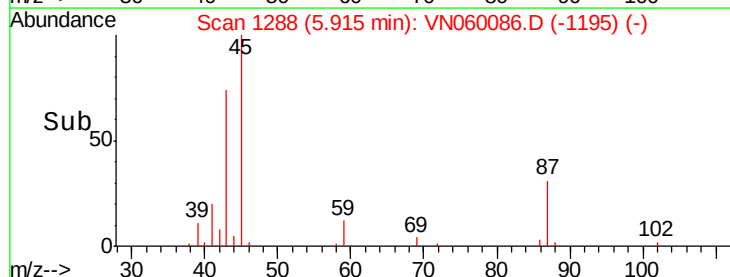
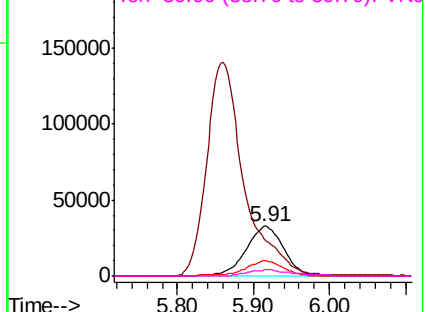
Abundance

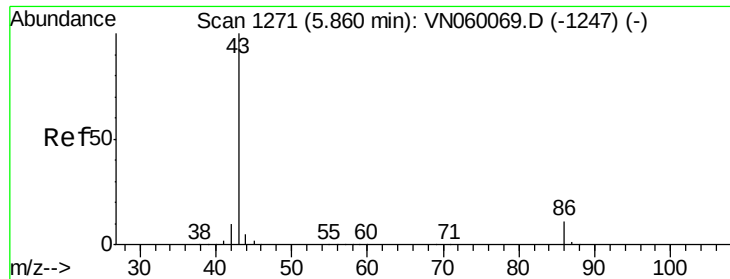
Ion 45.00 (44.70 to 45.70): VN0

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: 95.034 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

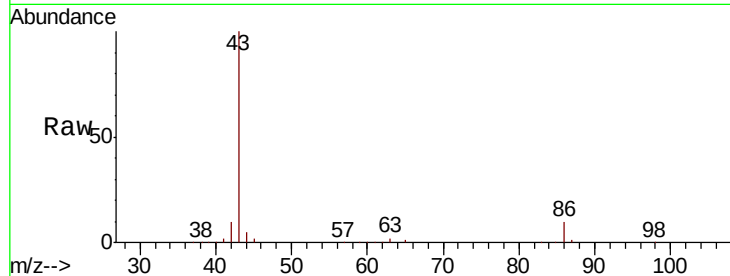
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 482846

Ion Ratio Lower Upper

43 100

86 10.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060086.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060086.D (-1178) (-)

5.86

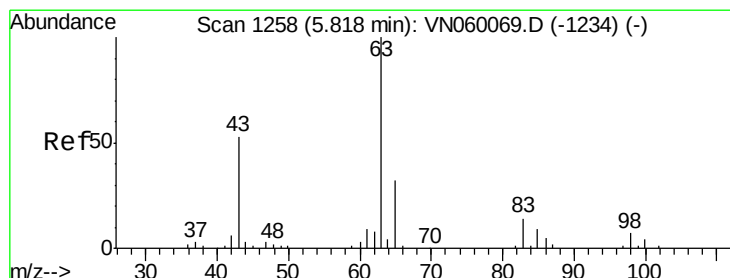
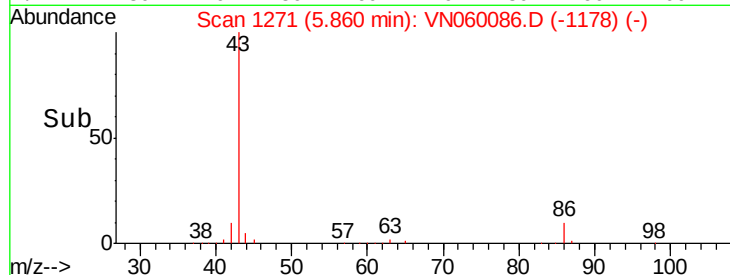
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.217 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

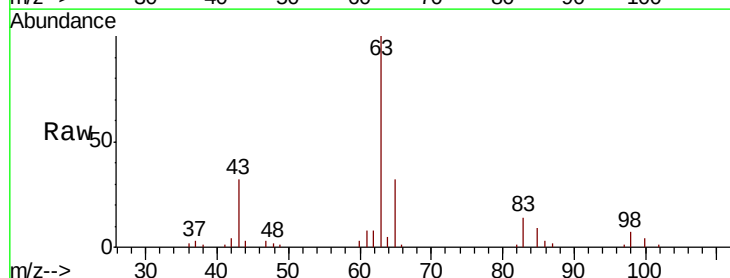
Tgt Ion: 63 Resp: 66768

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060086.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060086.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060086.D (-1165) (-)

5.81

25000

20000

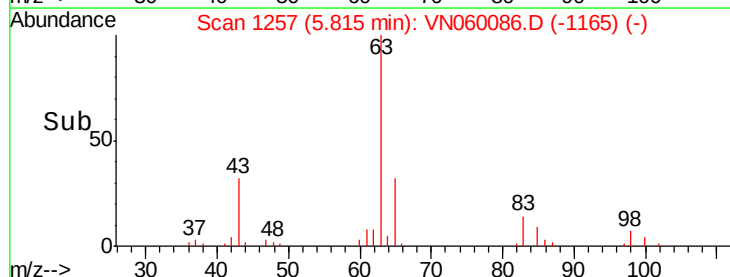
15000

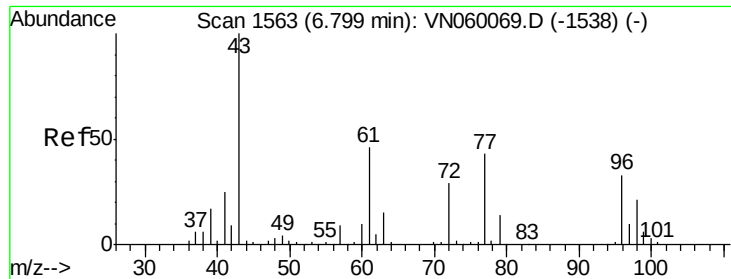
10000

5000

0

Time-->

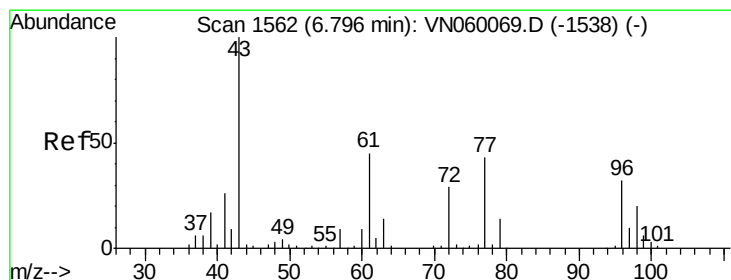
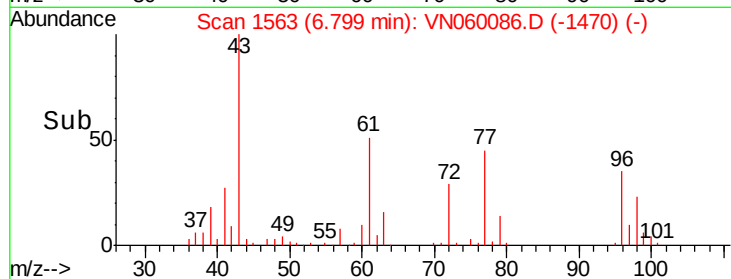
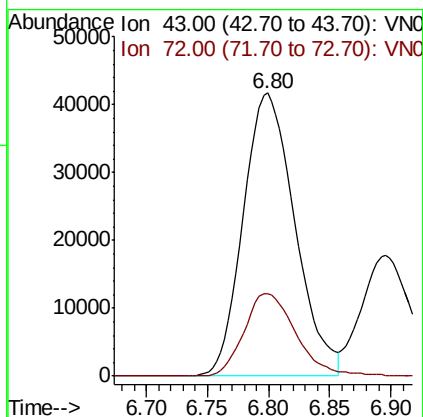
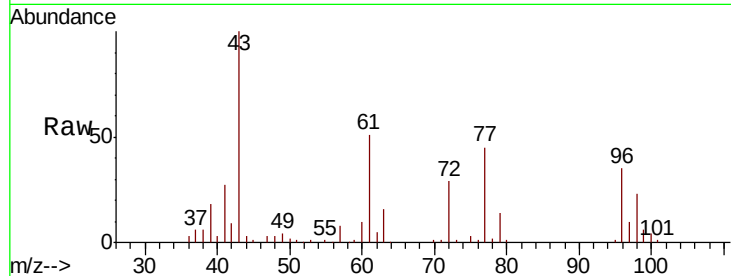




#25
2-Butanone
Concen: 92.720 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

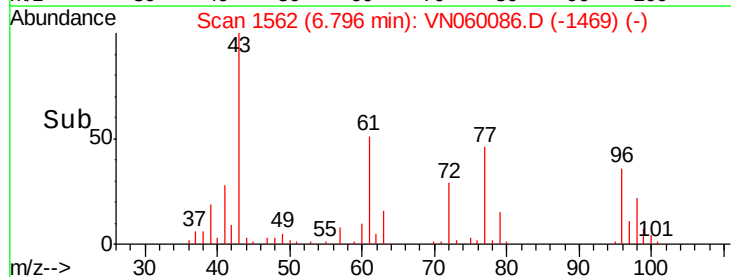
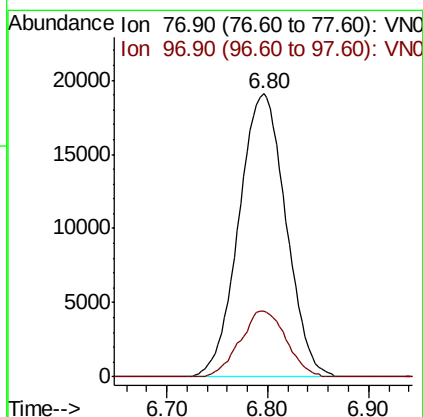
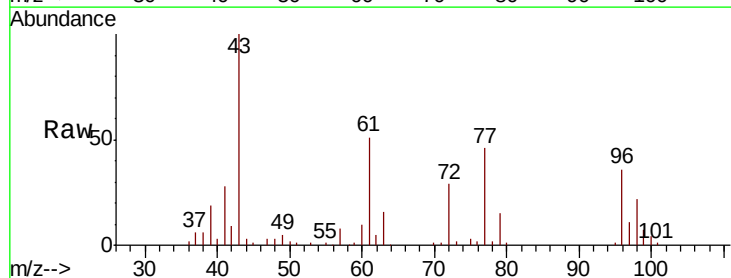
Instrument :
MSVOA_N
ClientSampled :

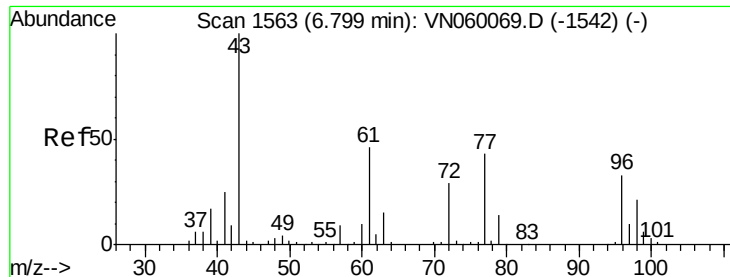
Tot Ion: 43 Resp: 122789
Ion Ratio Lower Upper
43 100
72 29.1 23.3 34.9



#26
2,2-Dichloropropane
Concen: 17.764 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 77 Resp: 61839
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.875 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

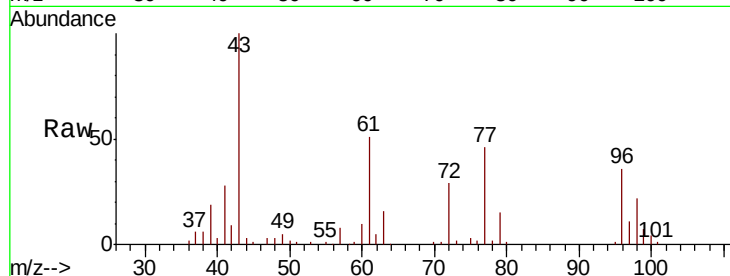
Tot Ion: 96 Resp: 42771

Ion Ratio Lower Upper

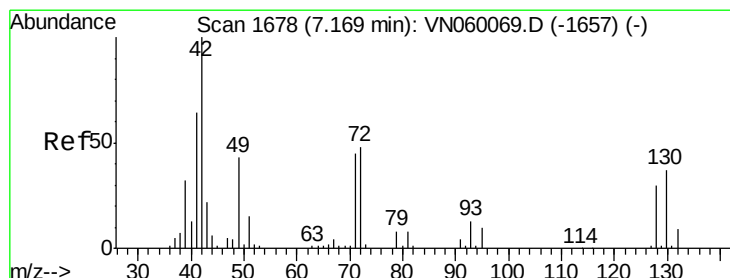
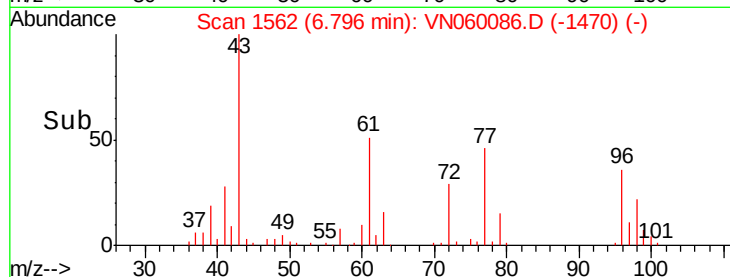
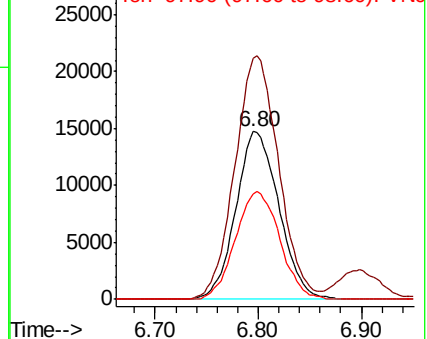
96 100

61 147.7 0.0 285.8

98 66.2 0.0 129.6



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



#28

Bromochloromethane

Concen: 19.920 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

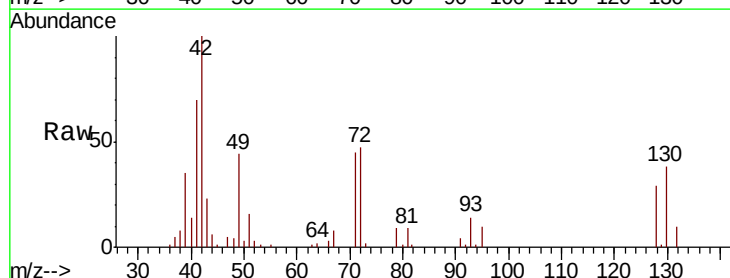
Tgt Ion: 49 Resp: 28703

Ion Ratio Lower Upper

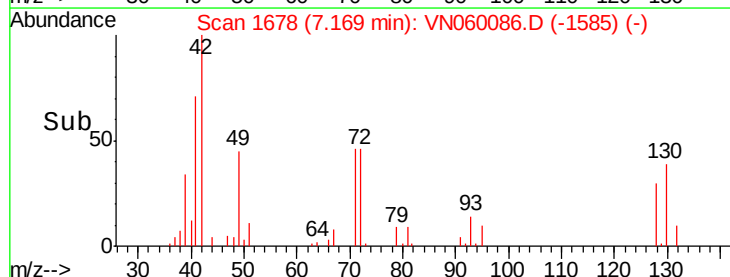
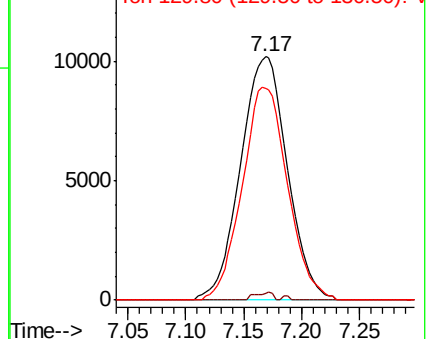
49 100

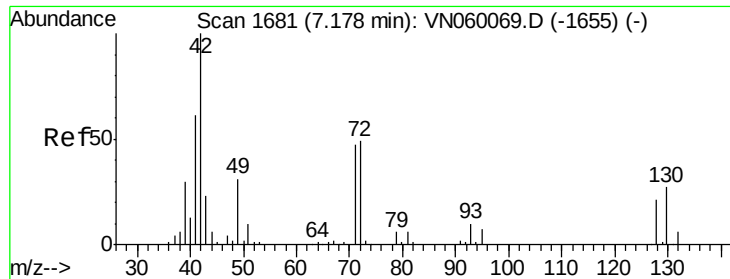
129 1.2 0.0 2.2

130 84.6 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

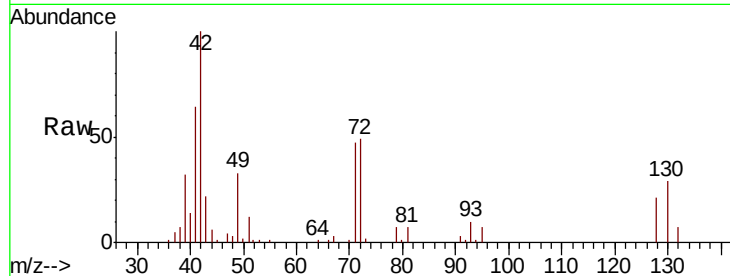




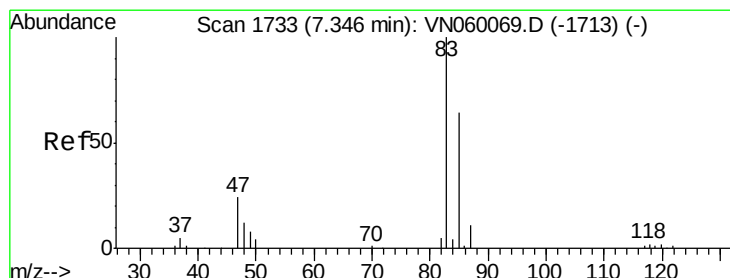
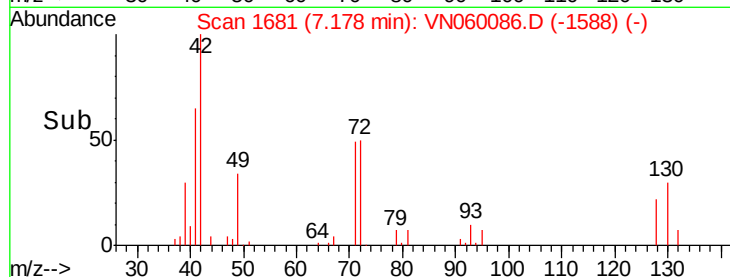
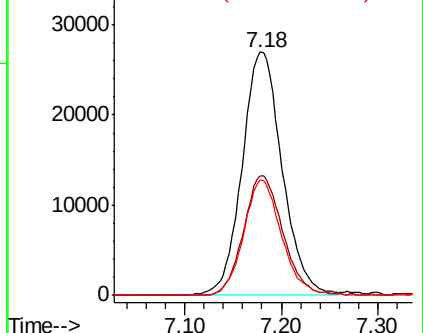
#29
Tetrahydrofuran
Concen: 95.700 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 77749
Ion Ratio Lower Upper
42 100
72 48.2 38.2 57.4
71 44.7 36.6 54.8

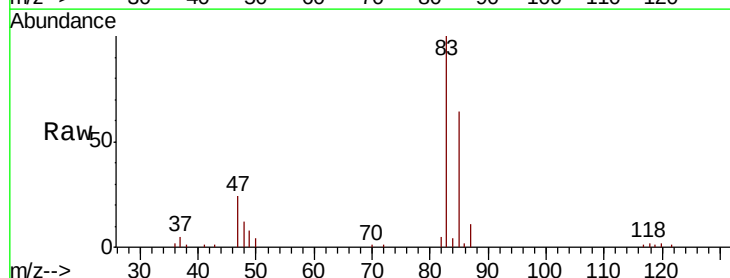


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

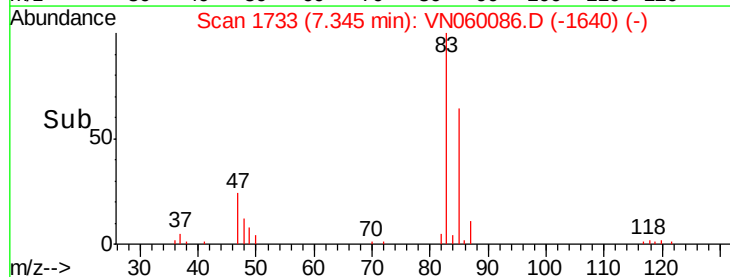
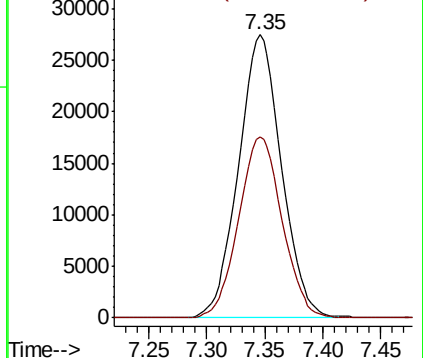


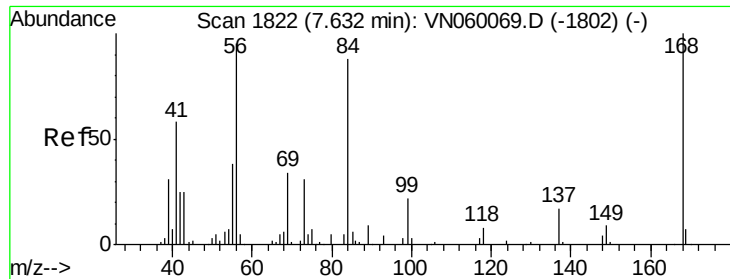
#30
Chloroform
Concen: 18.415 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 83 Resp: 70701
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.0



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

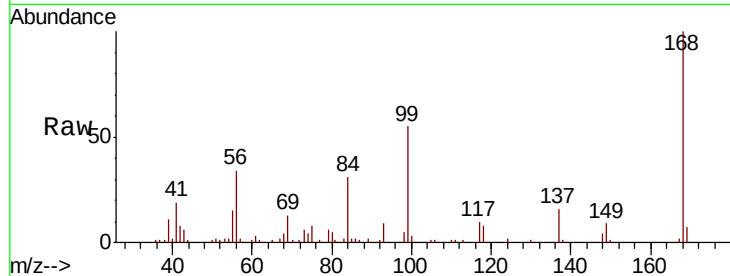




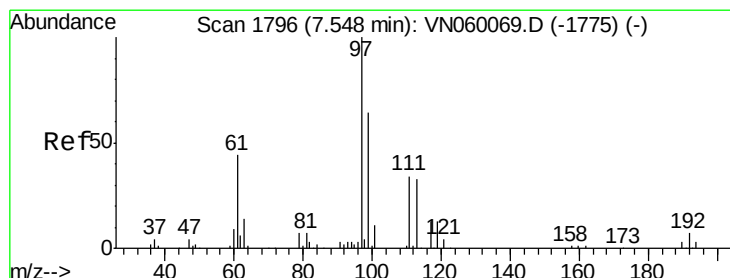
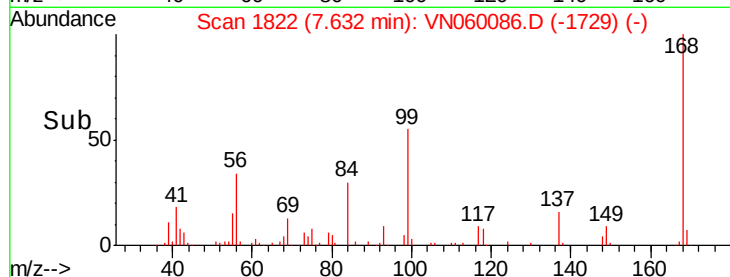
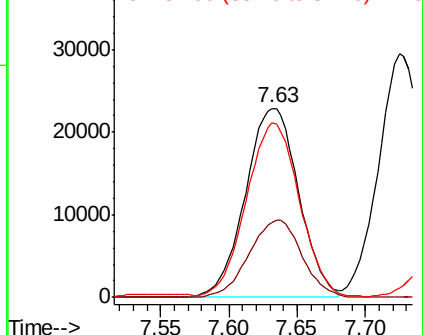
#31
Cyclohexane
Concen: 18.183 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 62080
Ion Ratio Lower Upper
56 100
69 39.7 28.3 42.5
84 91.4 72.6 108.8

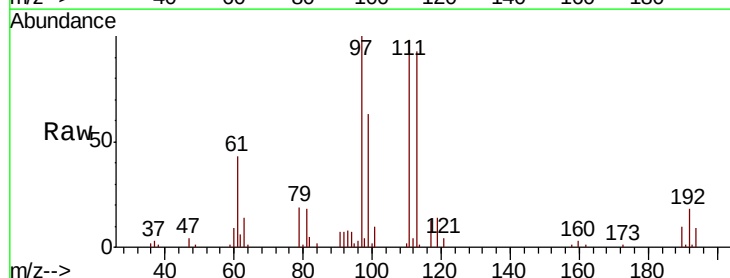


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

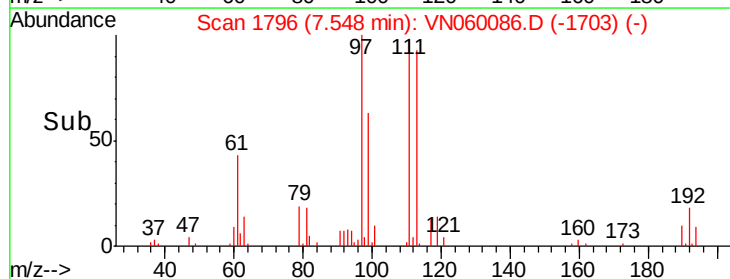
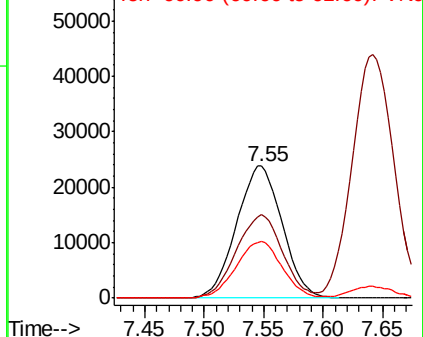


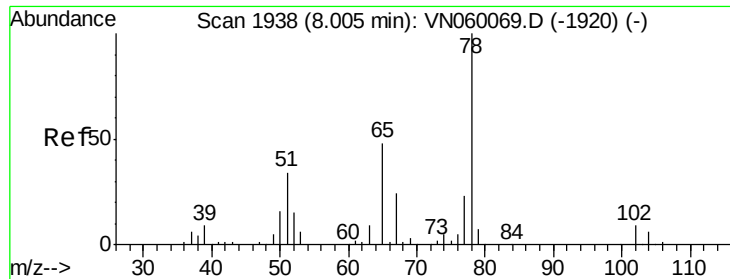
#32
1,1,1-Trichloroethane
Concen: 17.995 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 97 Resp: 63135
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 43.6 34.9 52.3



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

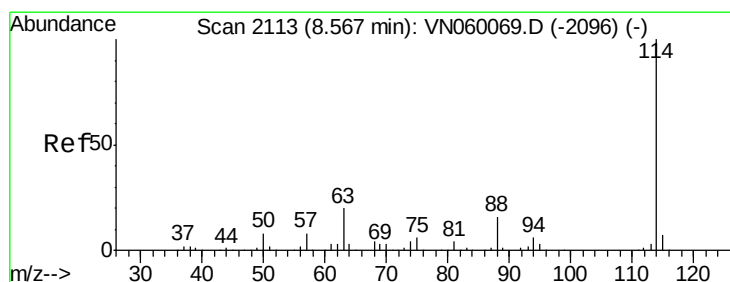
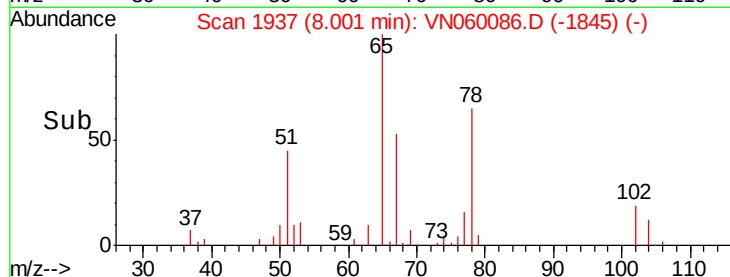
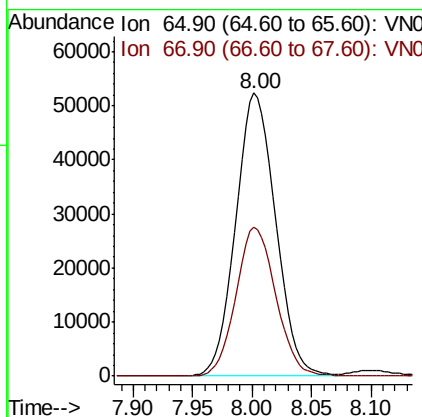
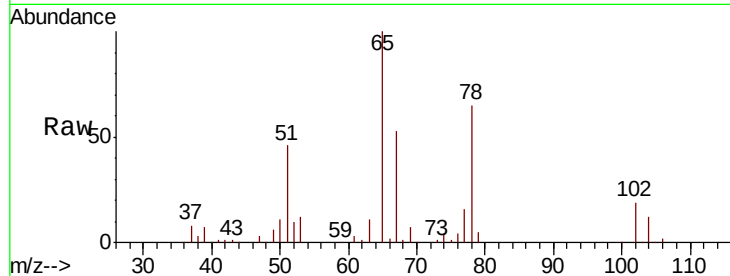




#33
 1,2-Dichloroethane-d4
 Concen: 50.478 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

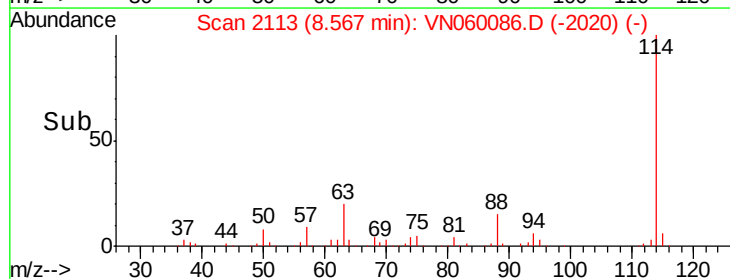
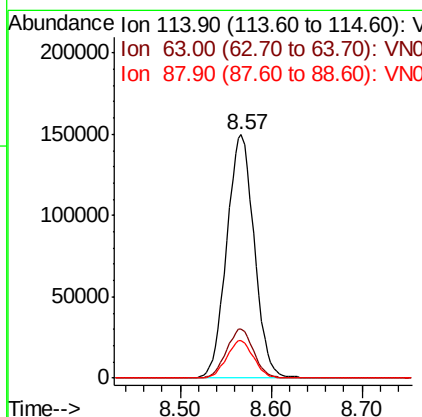
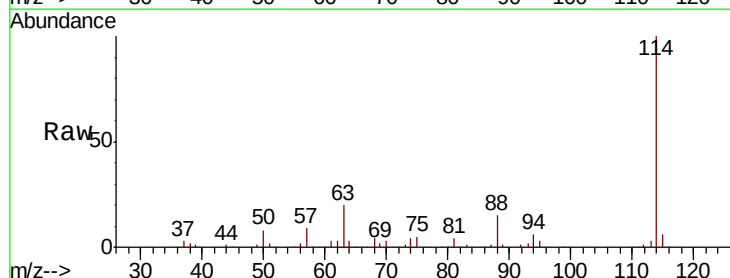
Instrument :
 MSVOA_N
 ClientSampled :

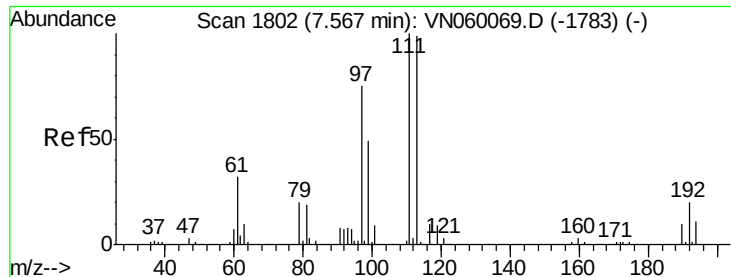
Tot Ion: 65 Resp: 121853
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion: 114 Resp: 314048
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.2 0.0 31.6

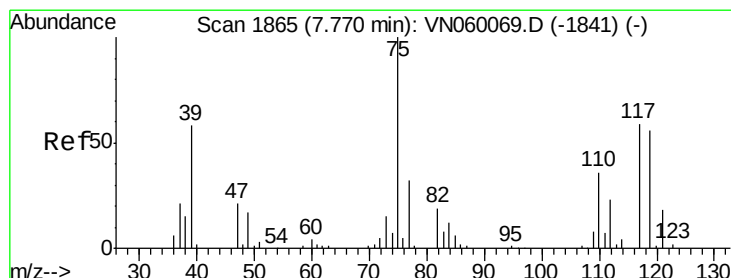
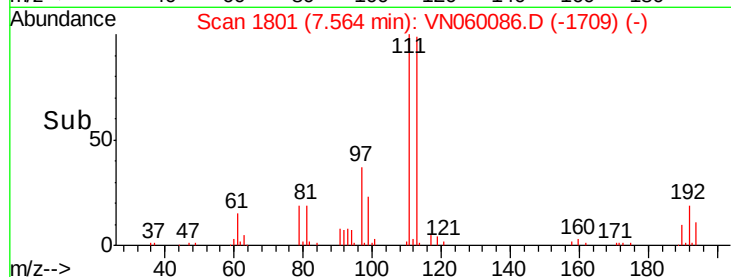
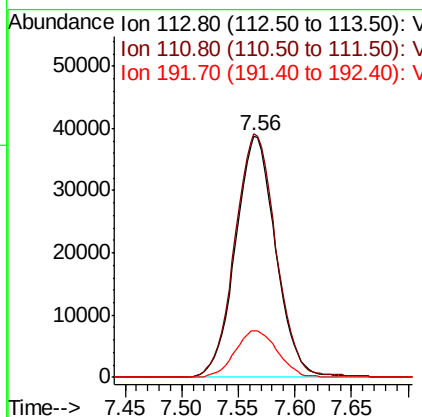
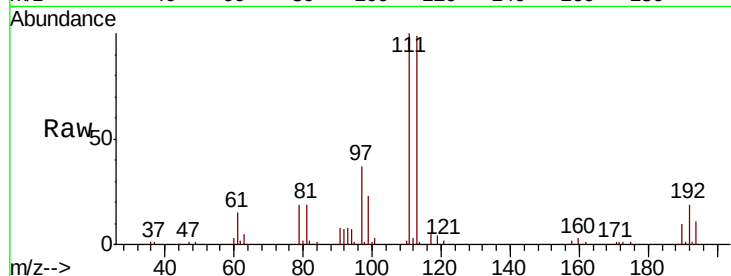




#35
 Dibromofluoromethane
 Concen: 49.555 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

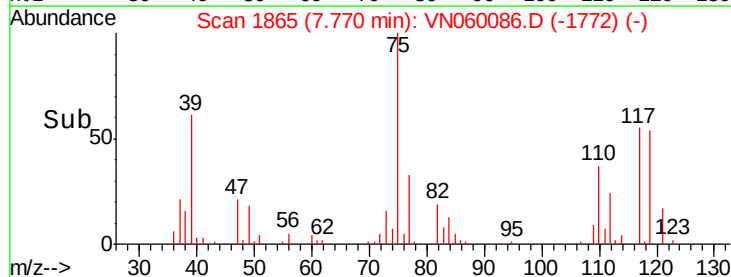
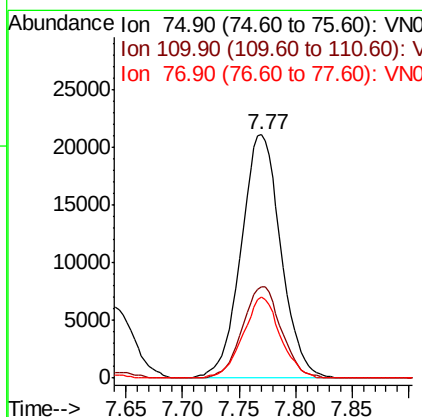
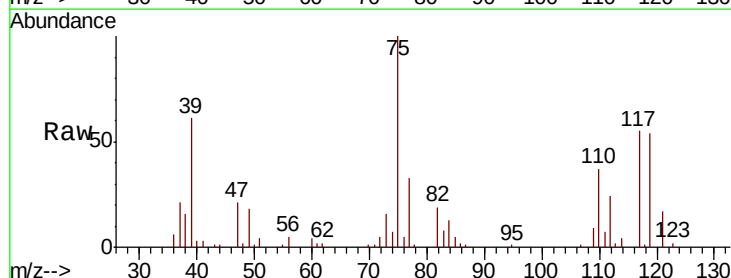
Instrument :
 MSVOA_N
 ClientSampled :

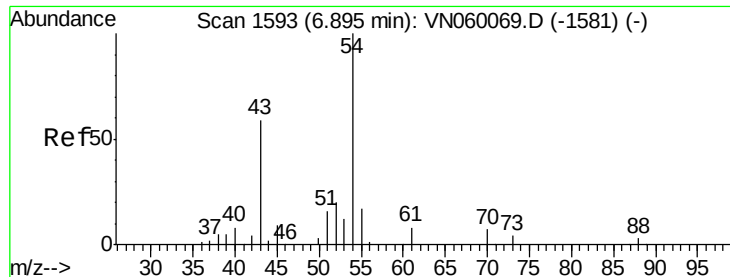
Tot Ion:113 Resp: 95664
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.767 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion: 75 Resp: 51681
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.3
 77 31.3 25.1 37.7

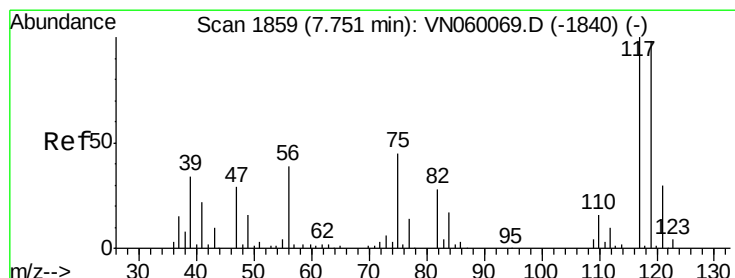
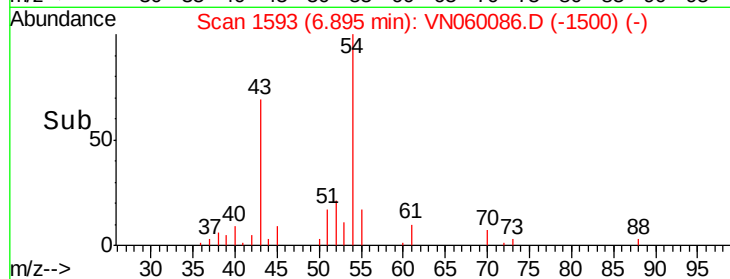
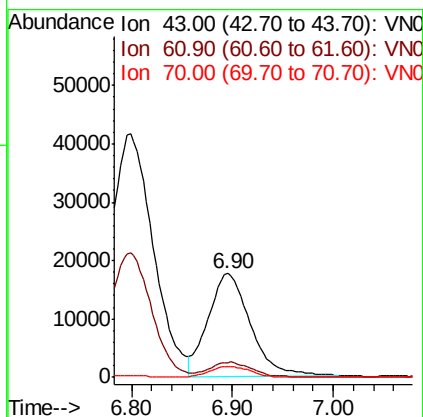
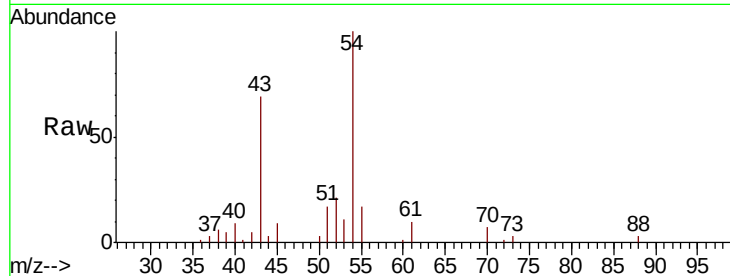




#37
Ethyl Acetate
Concen: 19.596 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

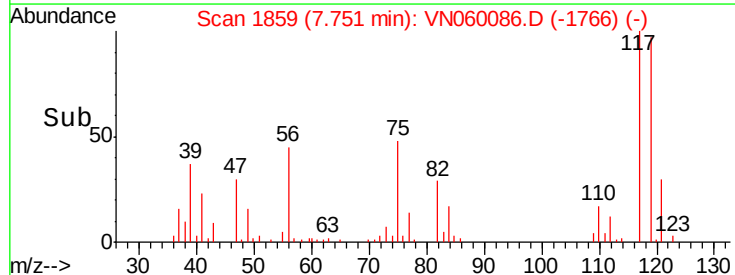
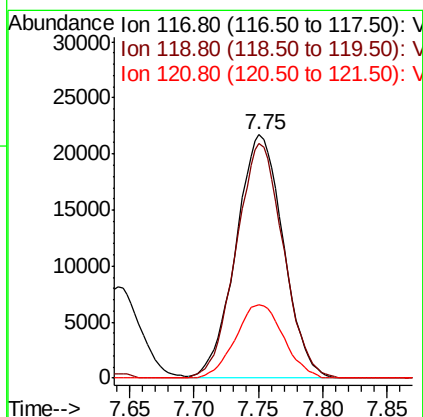
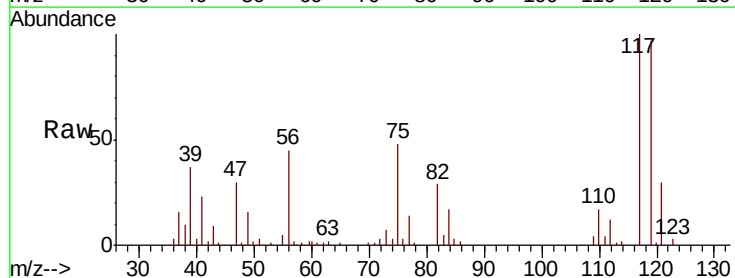
Instrument :
MSVOA_N
ClientSampled :

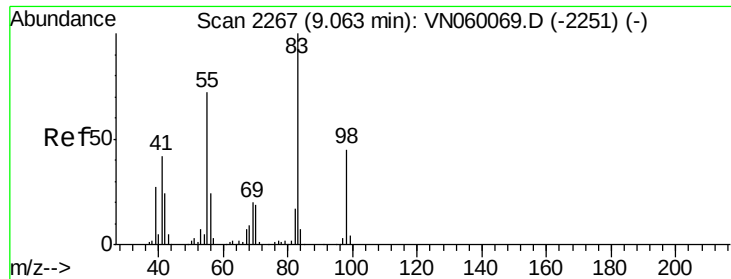
Tot Ion: 43 Resp: 51517
Ion Ratio Lower Upper
43 100
61 12.7 11.4 17.2
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 17.580 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 117 Resp: 55536
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
121 30.0 24.2 36.2

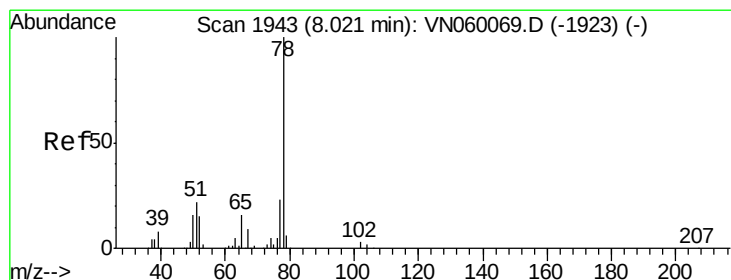
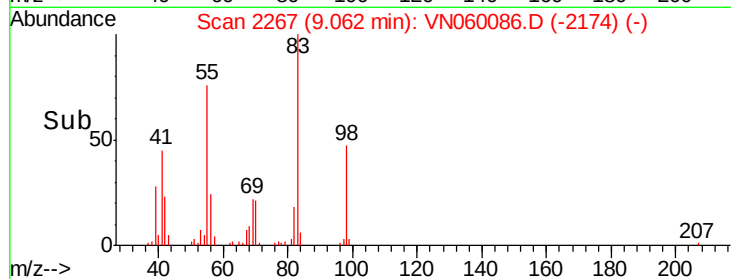
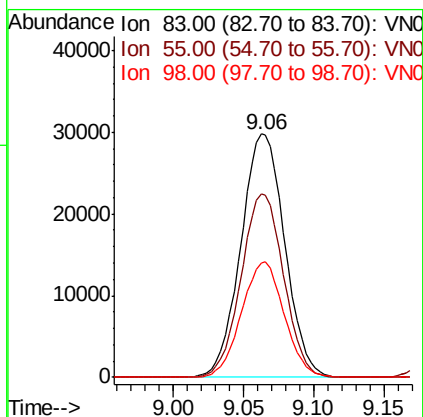
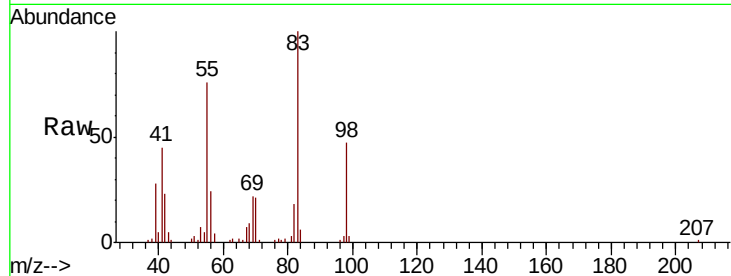




#39
Methylvlcyclohexane
Concen: 17.934 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

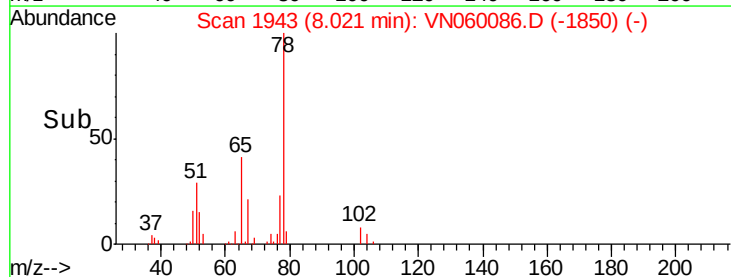
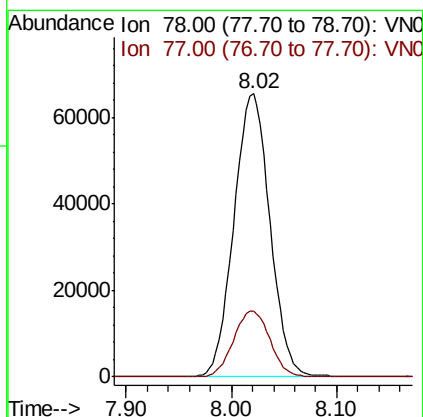
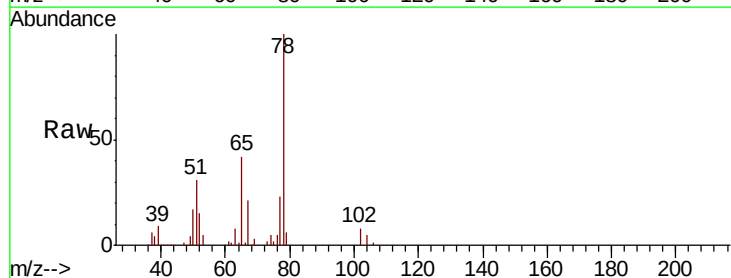
Instrument :
MSVOA_N
ClientSampleId :

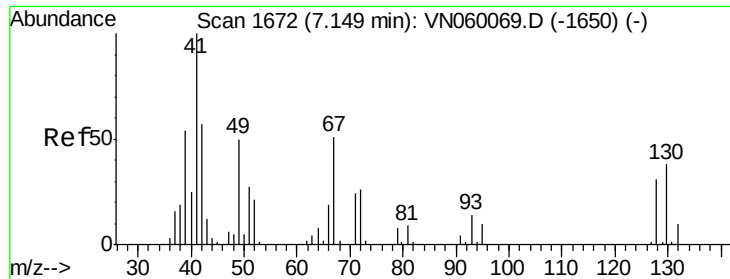
Tot Ion	83	Resp	64756
Ion	Ratio	Lower	Upper
83	100		
55	75.5	57.8	86.8
98	47.1	36.4	54.6



#40
Benzene
Concen: 17.988 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion	78	Resp	155211
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2

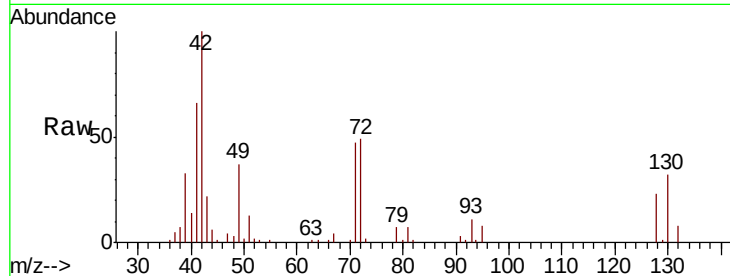




#41
Methacrylonitrile
Concen: 66.280 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	73073
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



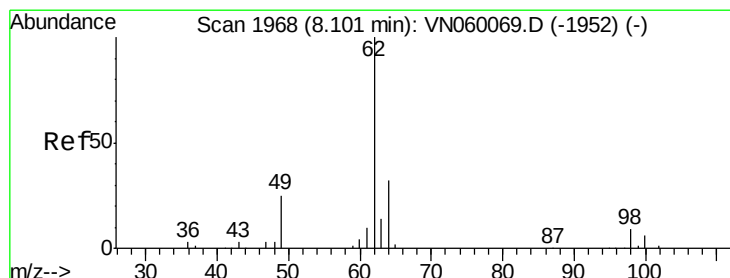
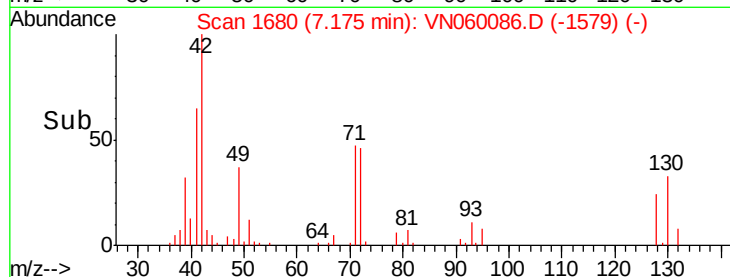
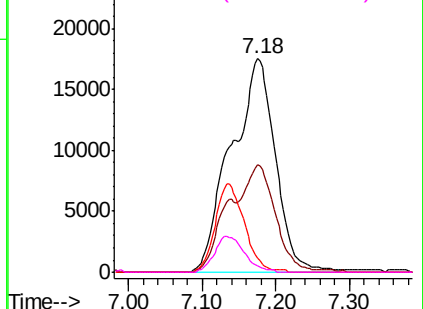
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

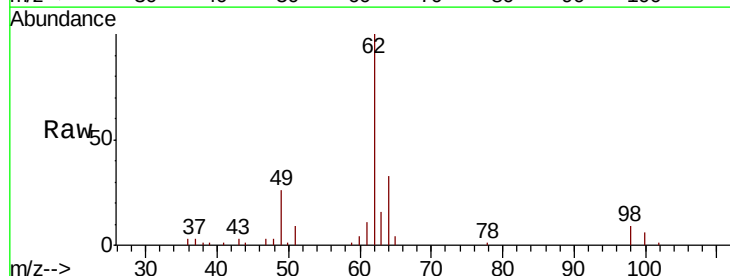
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 18.803 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

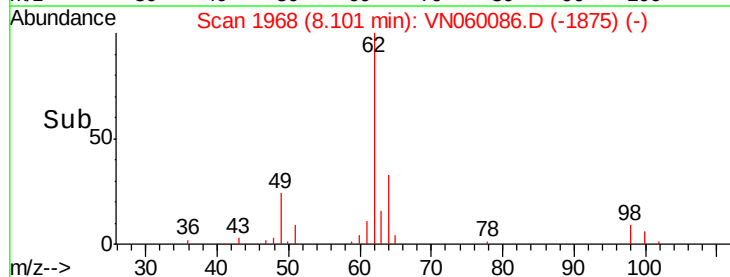
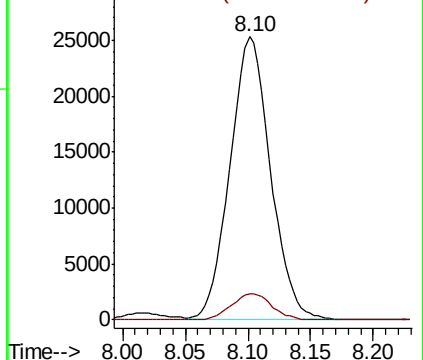
Tgt Ion:	62	Resp:	56865
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

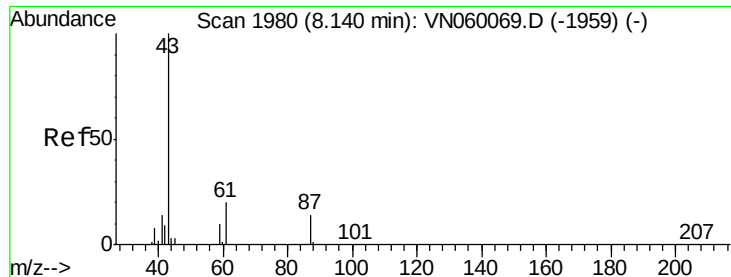


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

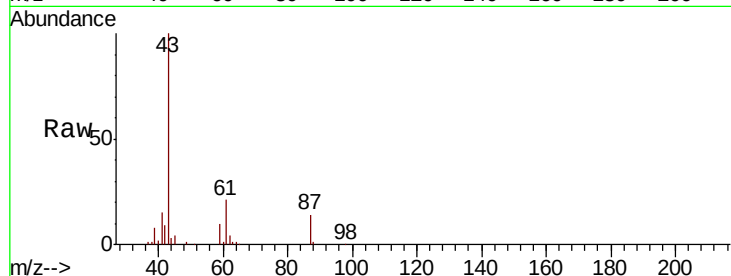




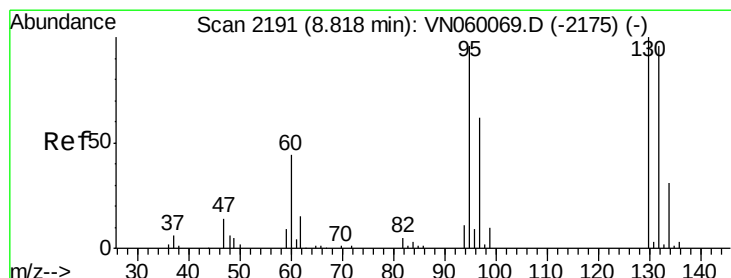
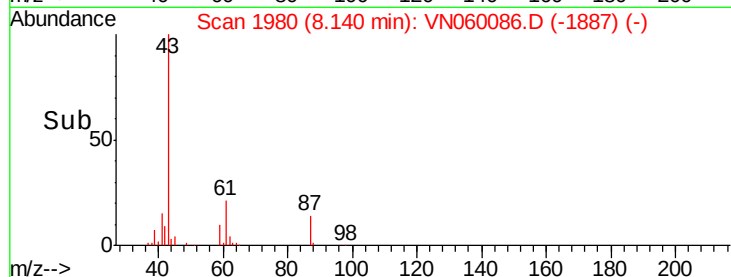
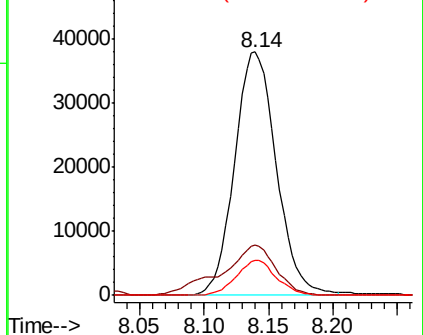
#43
Isopropyl Acetate
Concen: 19.017 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 85459
Ion Ratio Lower Upper
43 100
61 26.6 21.8 32.6
87 13.6 11.4 17.2

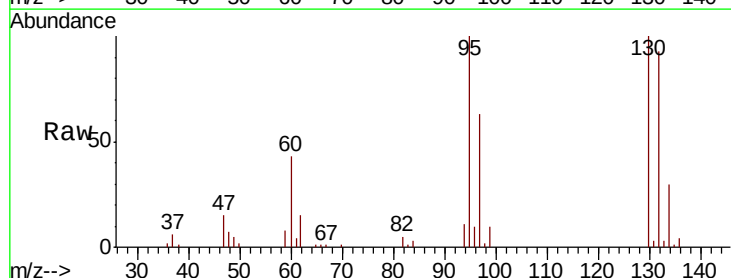


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

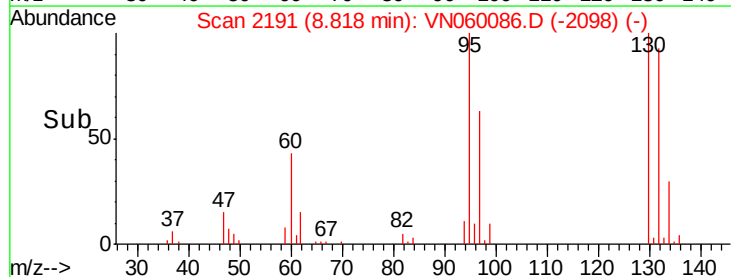
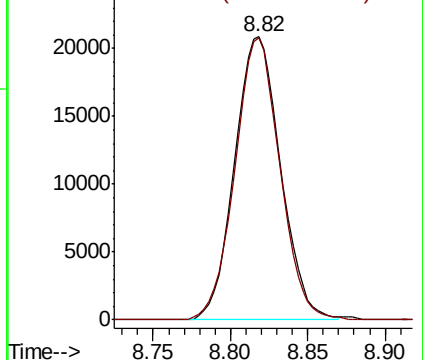


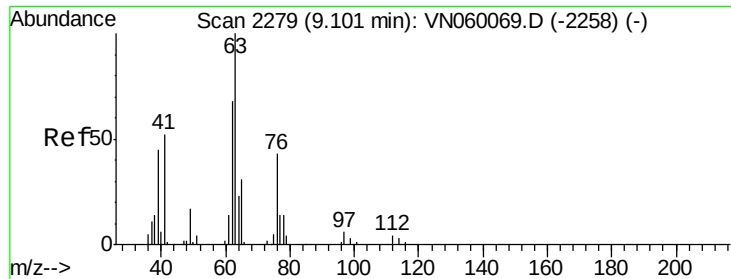
#44
Trichloroethene
Concen: 18.032 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion:130 Resp: 43082
Ion Ratio Lower Upper
130 100
95 99.8 0.0 192.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

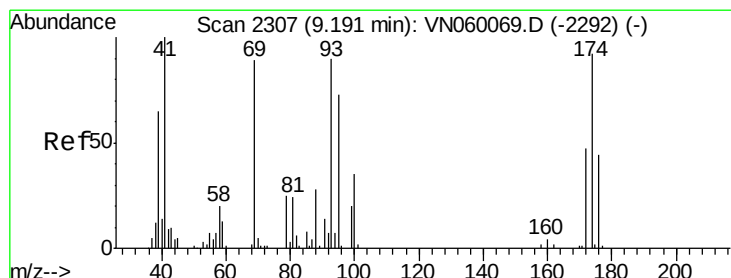
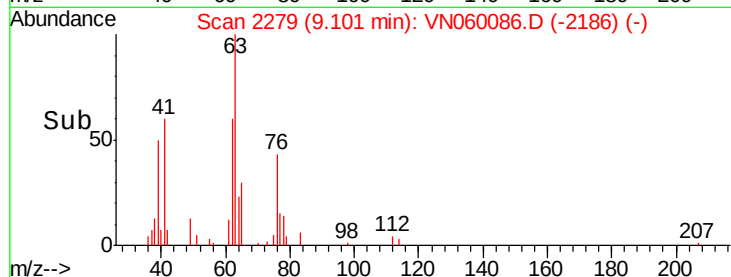
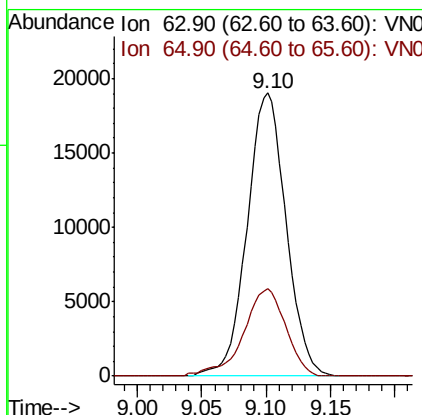
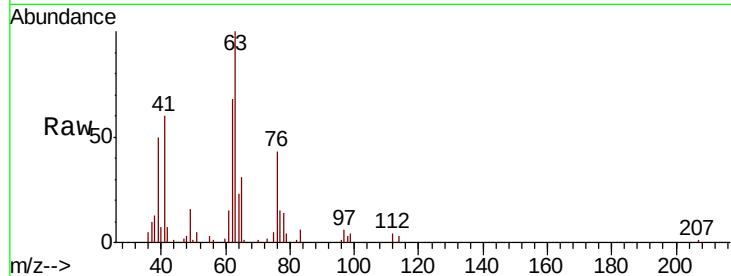




#45
 1,2-Dichloropropane
 Concen: 18.772 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

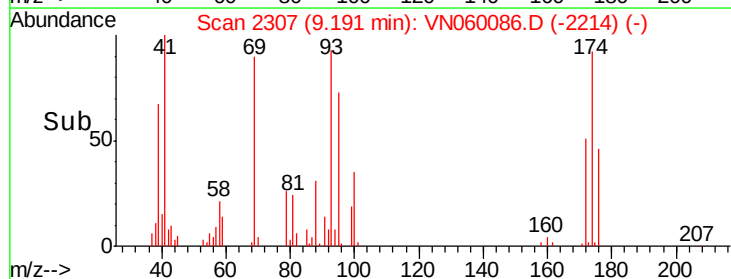
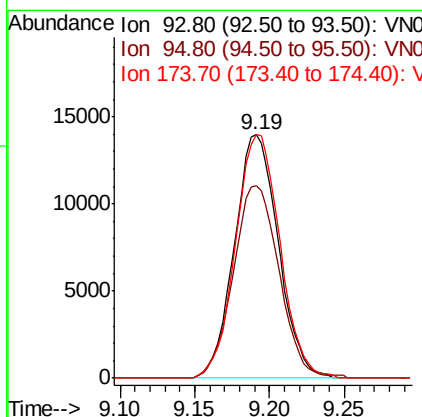
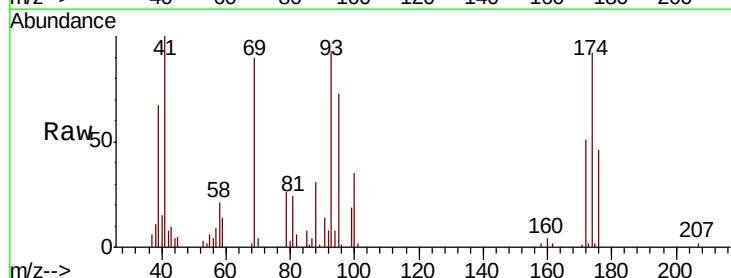
Instrument :
 MSVOA_N
 ClientSampled :

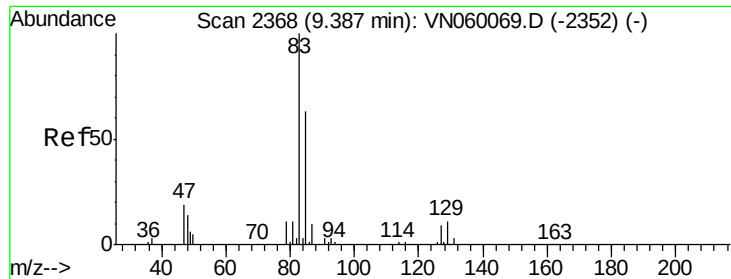
Tot Ion: 63 Resp: 40102
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4



#46
 Dibromomethane
 Concen: 18.934 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion: 93 Resp: 28584
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.0 97.6
 174 101.0 82.3 123.5

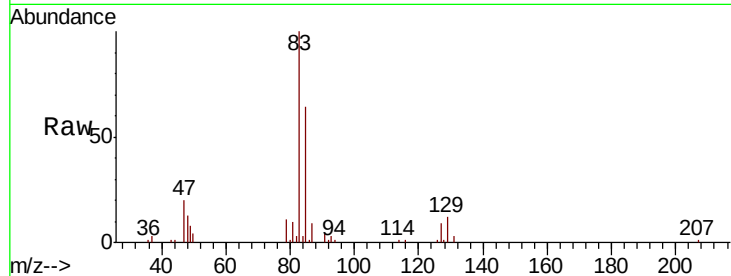




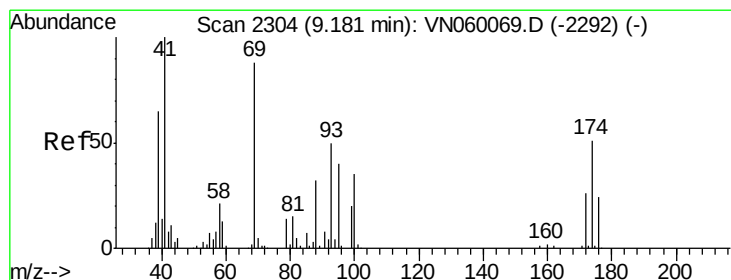
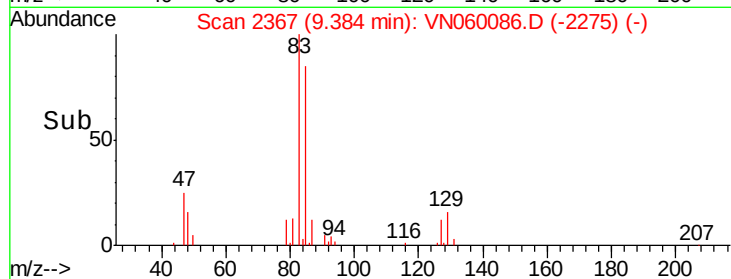
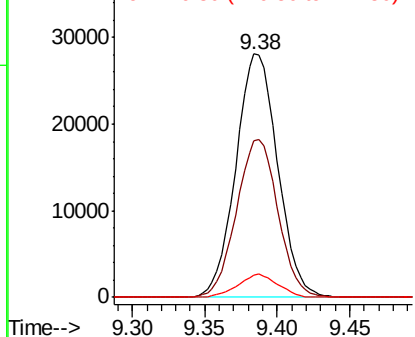
#47
Bromodichloromethane
Concen: 18.306 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 56186
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 9.3 7.0 10.6

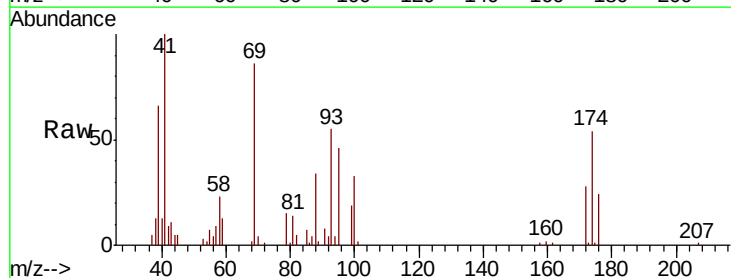


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

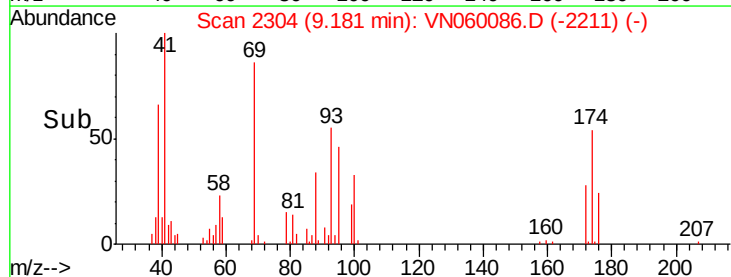
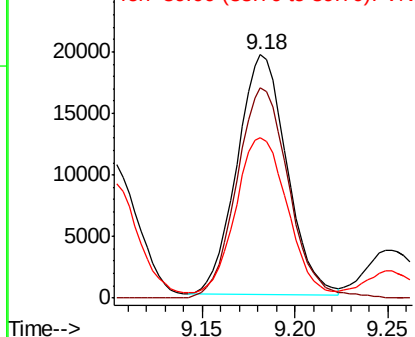


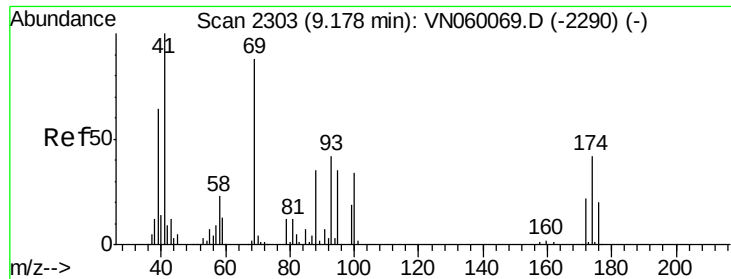
#48
Methyl methacrylate
Concen: 17.986 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 41 Resp: 36265
Ion Ratio Lower Upper
41 100
69 91.9 72.0 108.0
39 67.5 54.1 81.1



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

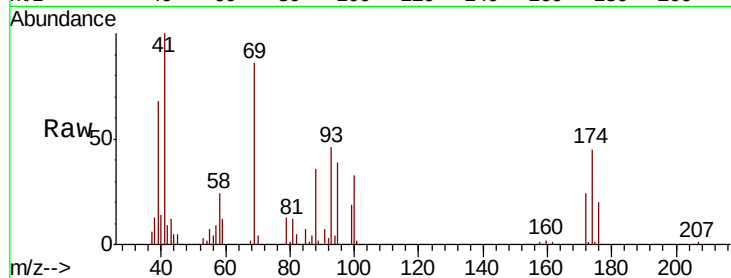




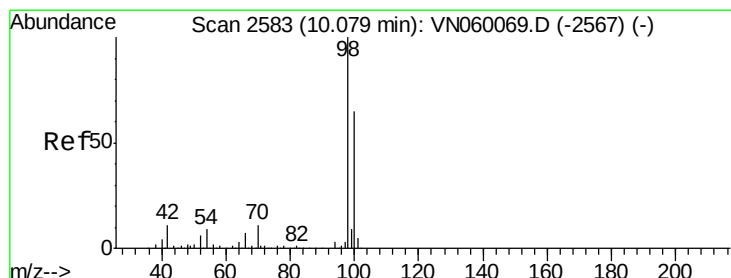
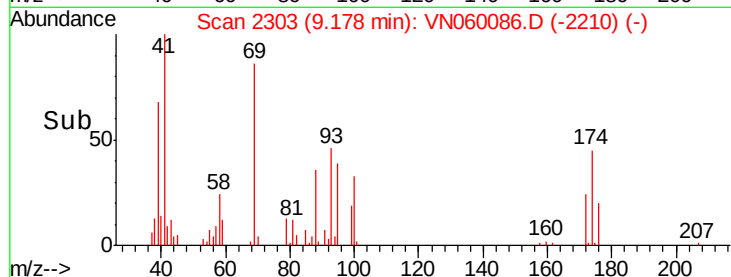
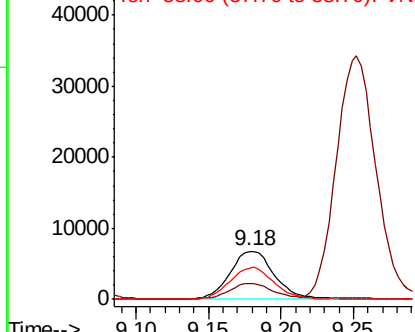
#49
1,4-Dioxane
Concen: 416.778 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 14358
Ion Ratio Lower Upper
88 100
43 33.0 26.2 39.2
58 65.6 53.2 79.8

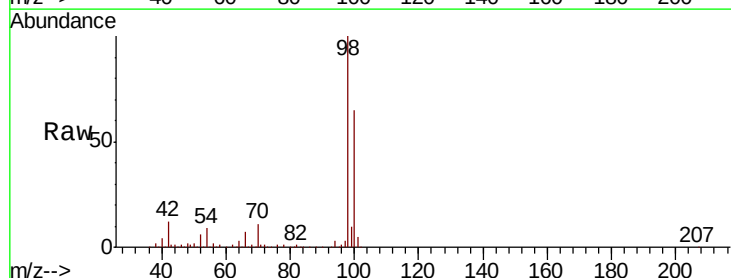


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

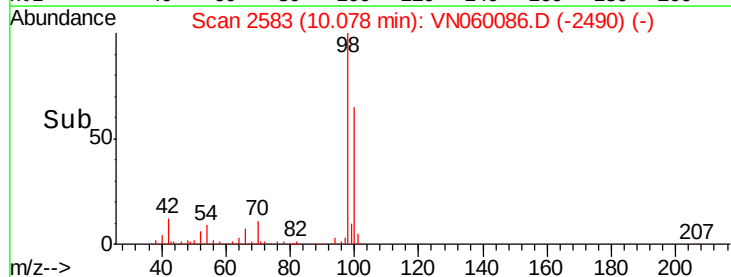
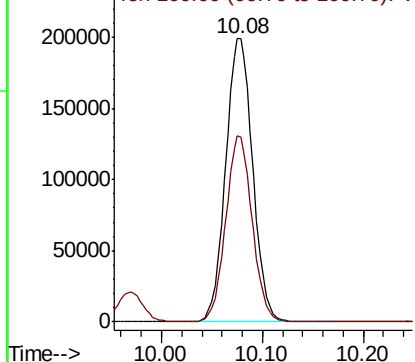


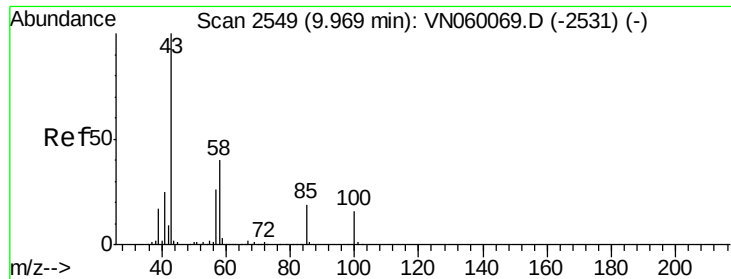
#50
Toluene-d8
Concen: 48.888 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 98 Resp: 371650
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



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

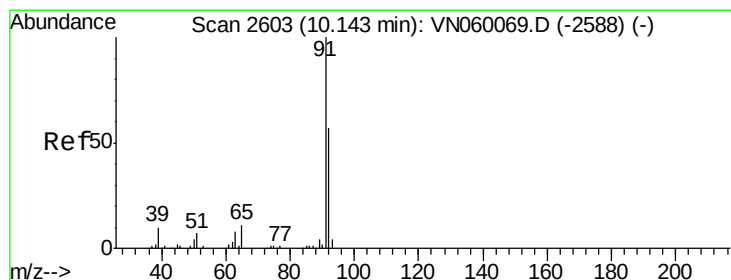
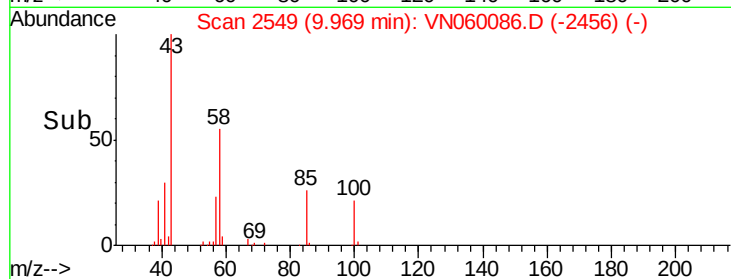
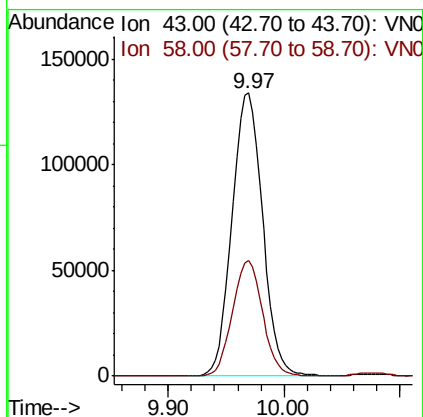
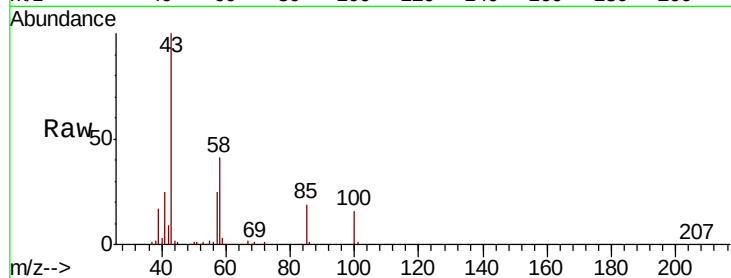




#51
 4-Methyl-2-Pentanone
 Concen: 93.976 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

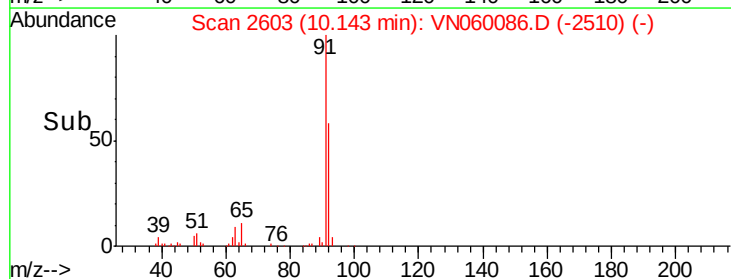
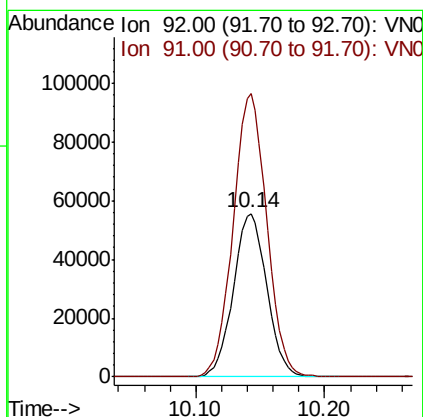
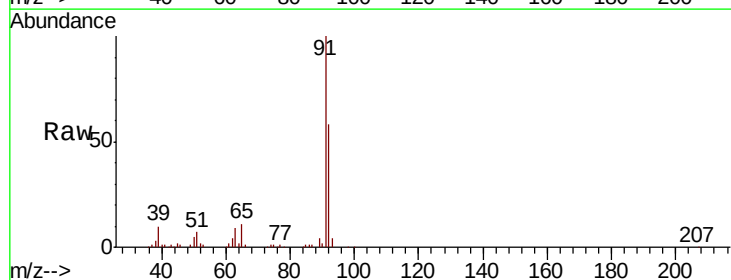
Instrument :
 MSVOA_N
 ClientSampled :

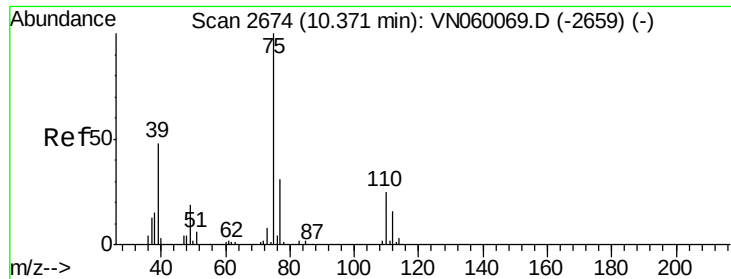
Tot Ion: 43 Resp: 244446
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.8 47.8



#52
 Toluene
 Concen: 18.088 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion: 92 Resp: 100087
 Ion Ratio Lower Upper
 92 100
 91 174.2 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.576 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

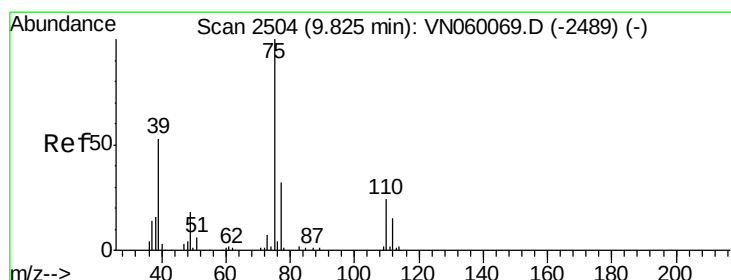
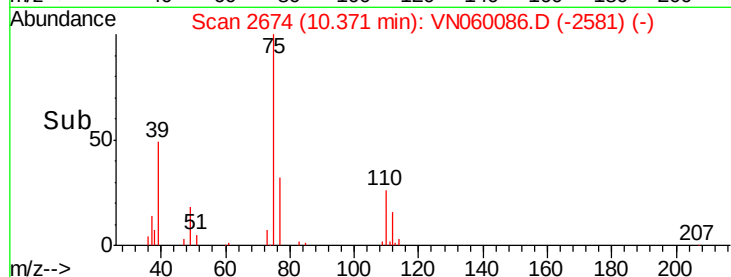
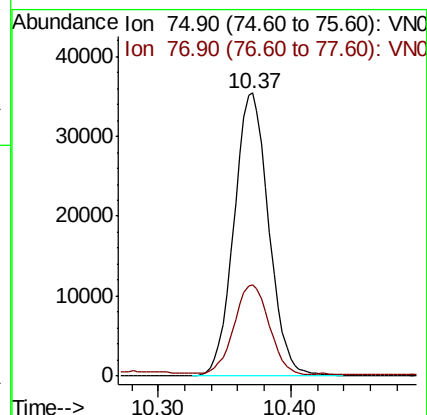
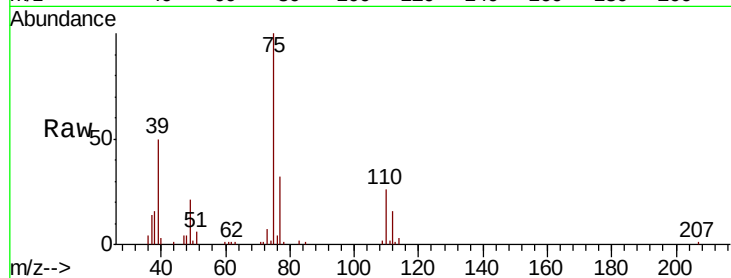
ClientSampled :

Tot Ion: 75 Resp: 64355

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.641 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

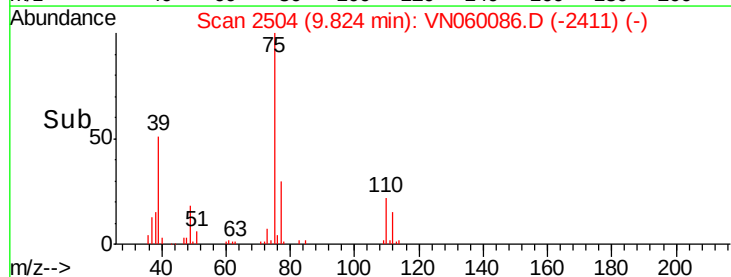
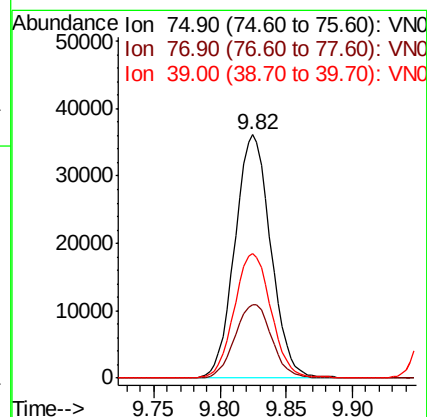
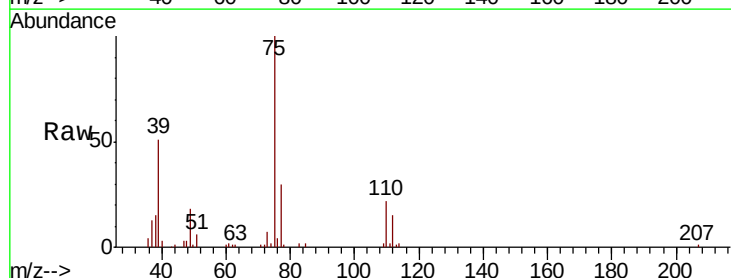
Tgt Ion: 75 Resp: 68002

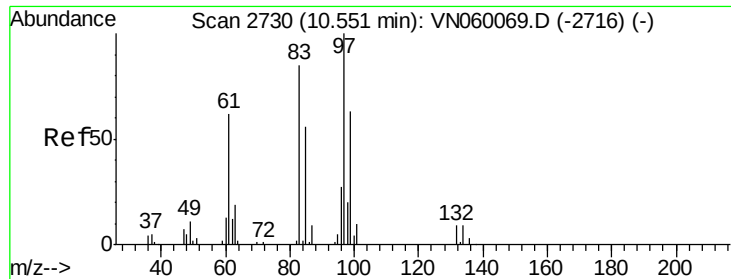
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 51.1 42.2 63.4

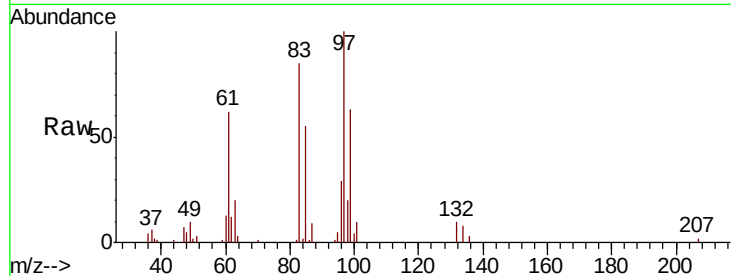




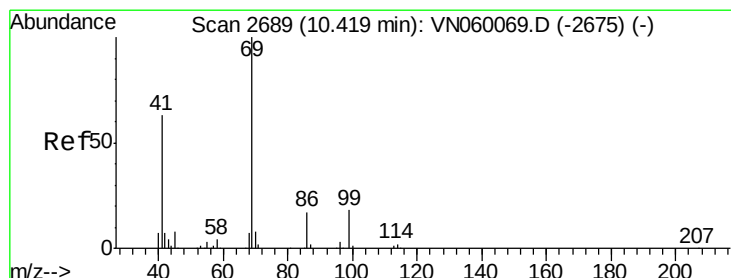
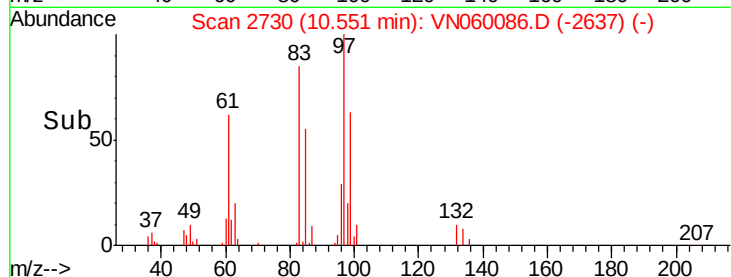
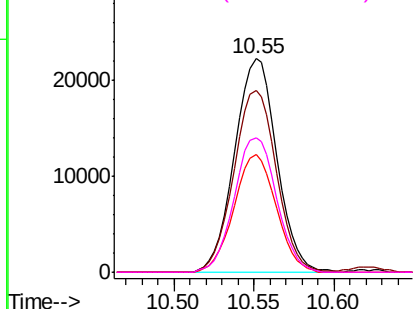
#55
 1,1,2-Trichloroethane
 Concen: 18.575 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	40097
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.9	101.9
85	55.0	44.6	67.0
99	63.0	50.1	75.1

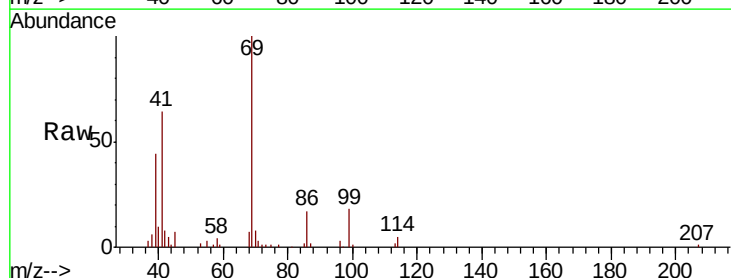


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

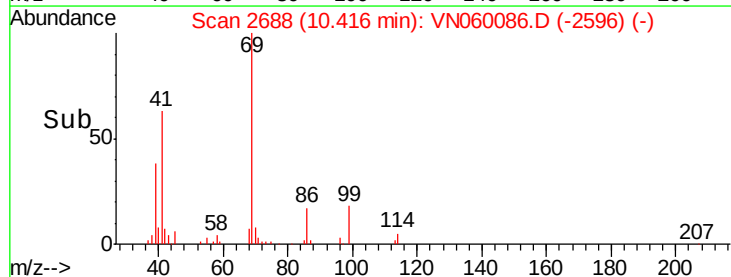
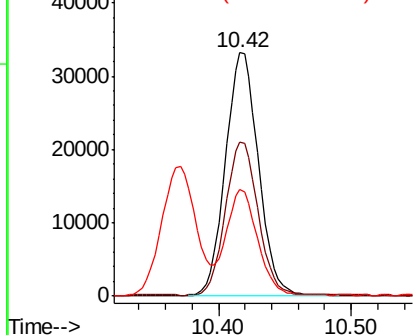


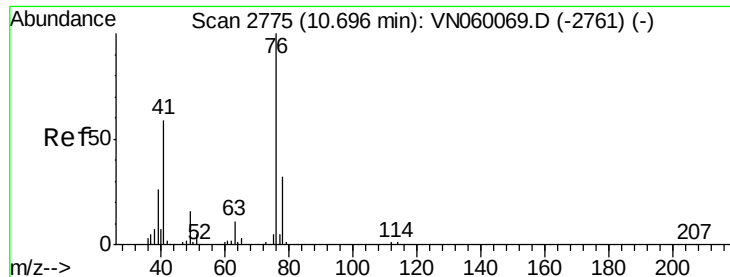
#56
 Ethyl methacrylate
 Concen: 18.832 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion:	69	Resp:	57507
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.1	76.7
39	42.0	33.8	50.8



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





#57

1,3-Dichloropropane

Concen: 18.773 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

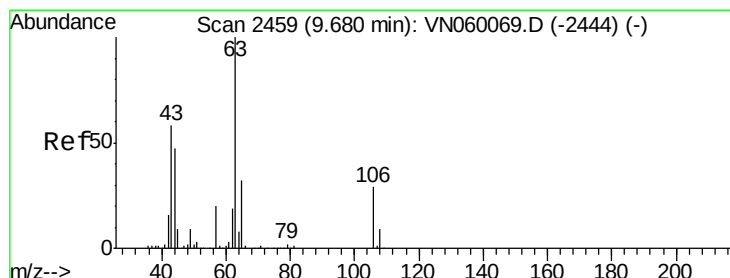
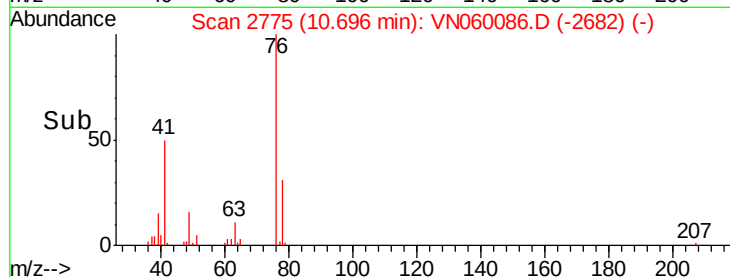
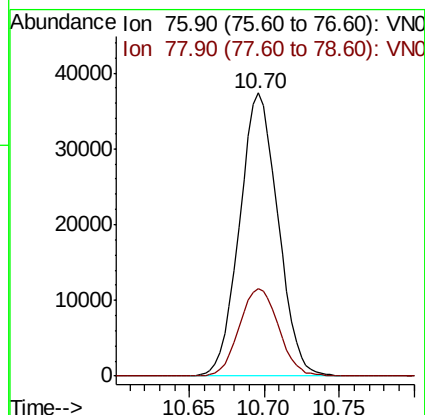
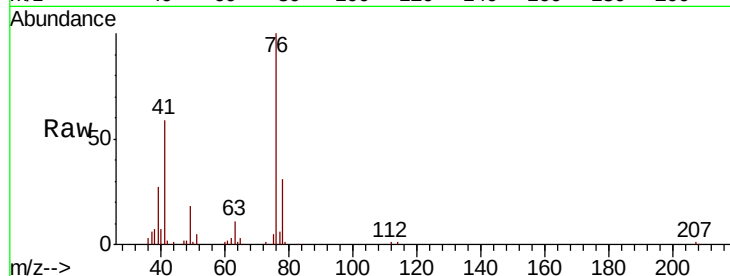
ClientSampleId :

Tot Ion: 76 Resp: 66870

Ion Ratio Lower Upper

76 100

78 31.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 96.126 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060086.D

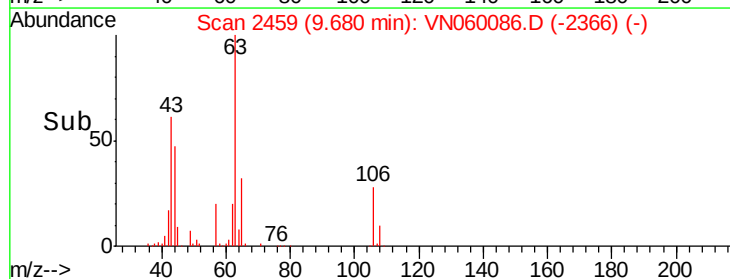
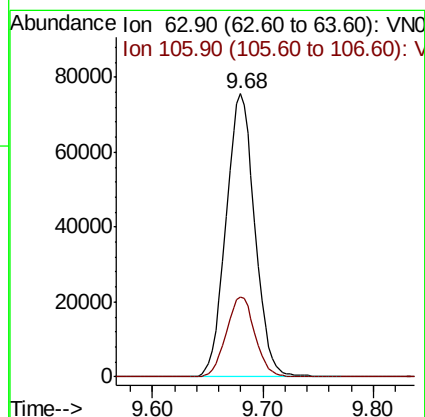
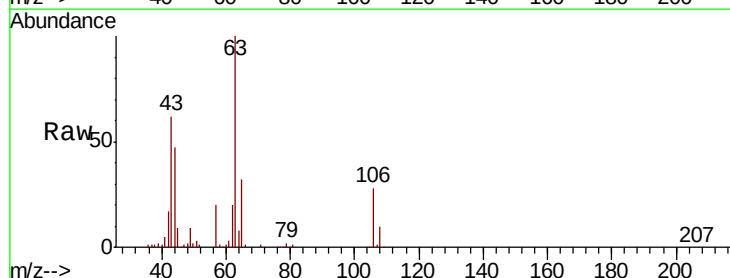
Acq: 13 Feb 2020 11:57

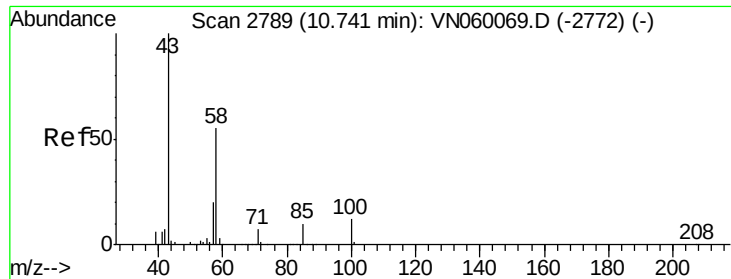
Tgt Ion: 63 Resp: 136753

Ion Ratio Lower Upper

63 100

106 28.3 22.9 34.3

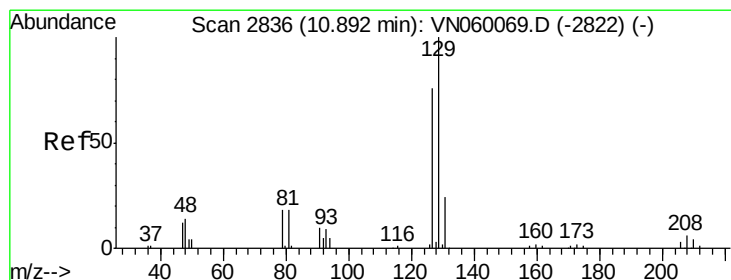
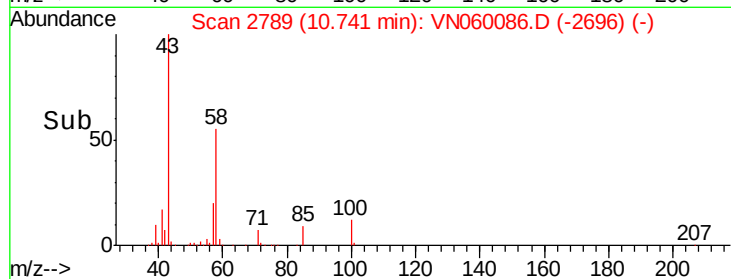
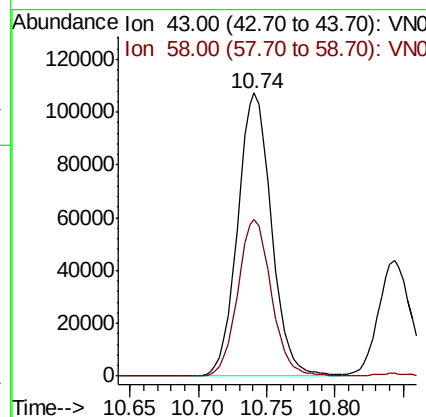
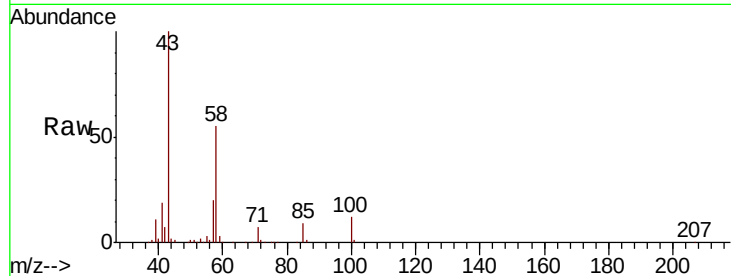




#59
2-Hexanone
Concen: 91.857 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

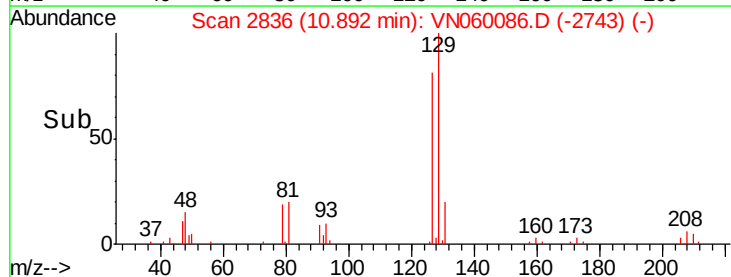
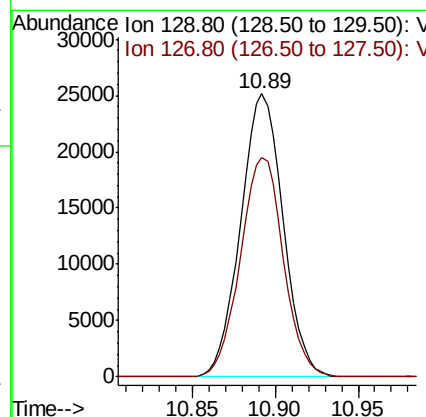
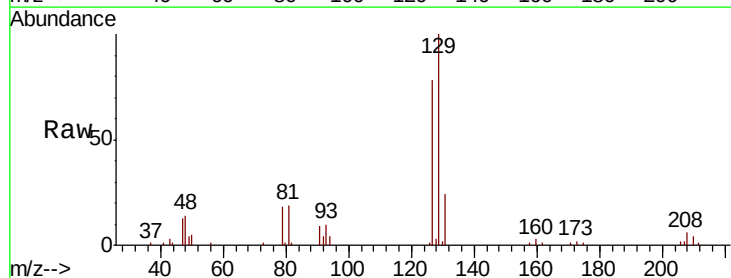
Instrument :
MSVOA_N
ClientSampleId :

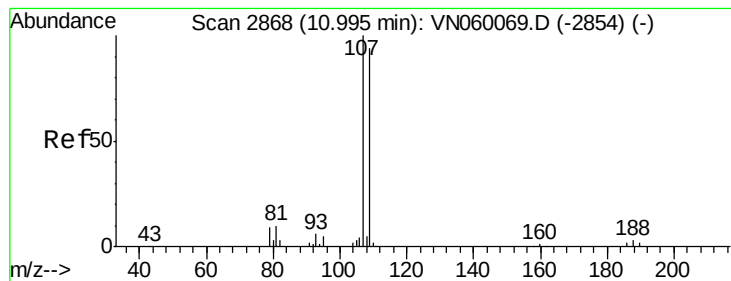
Tot Ion: 43 Resp: 184571
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.4



#60
Dibromochloromethane
Concen: 18.123 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 129 Resp: 44895
Ion Ratio Lower Upper
129 100
127 78.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 18.827 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

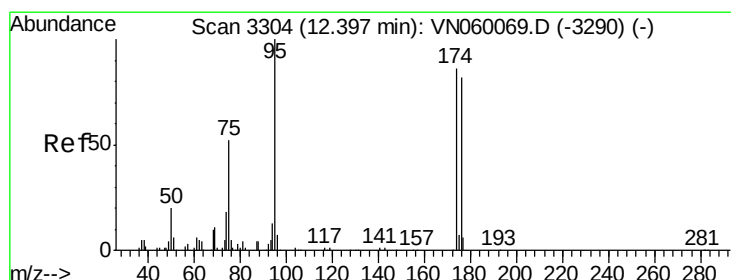
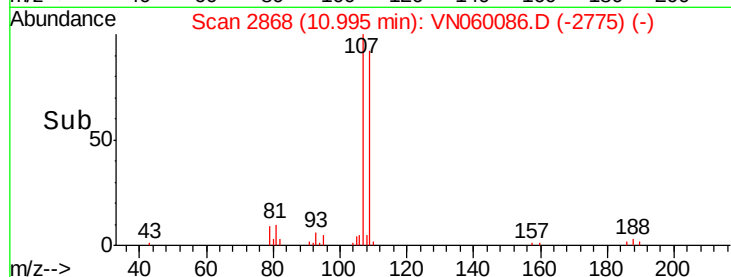
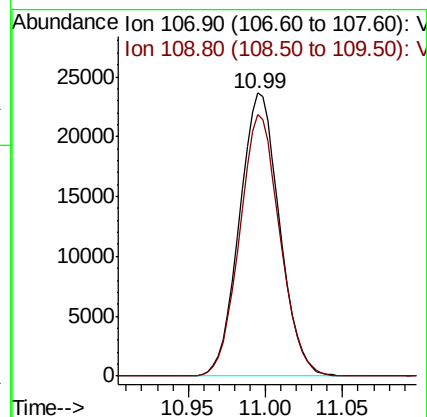
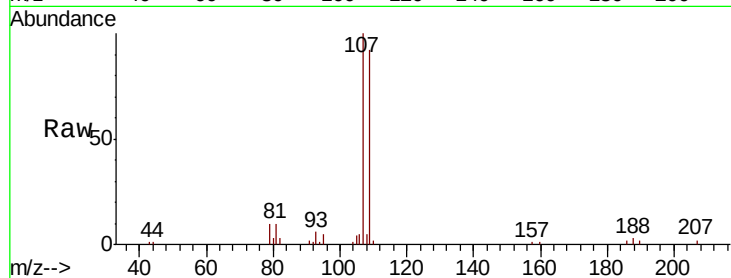
ClientSampled :

Tot Ion:107 Resp: 42605

Ion Ratio Lower Upper

107 100

109 92.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 48.397 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

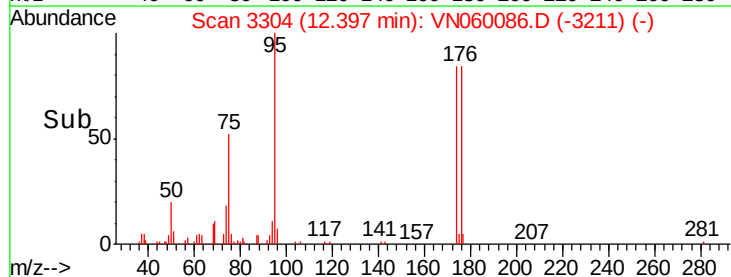
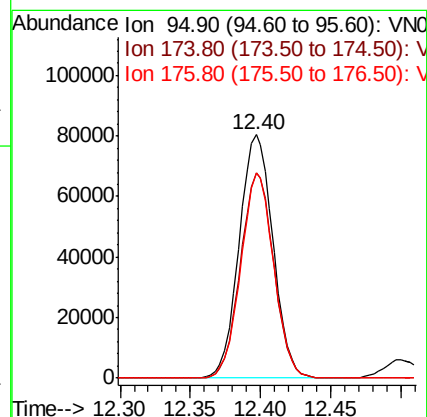
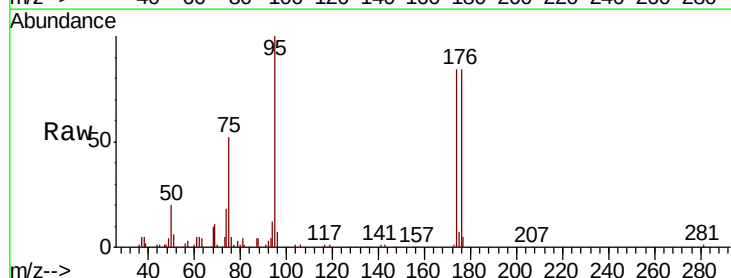
Tgt Ion: 95 Resp: 135191

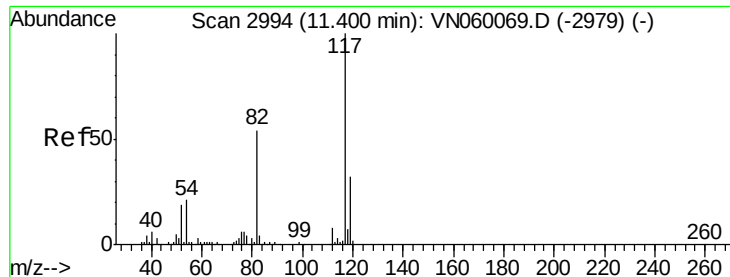
Ion Ratio Lower Upper

95 100

174 83.1 0.0 169.8

176 81.9 0.0 164.8

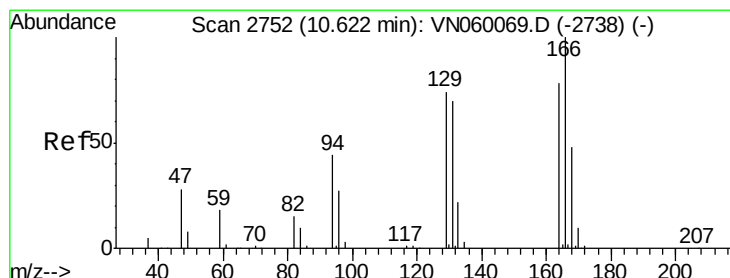
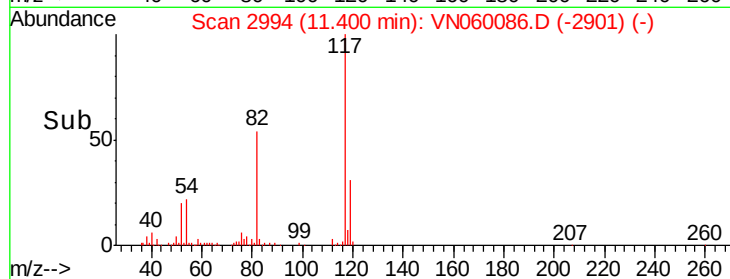
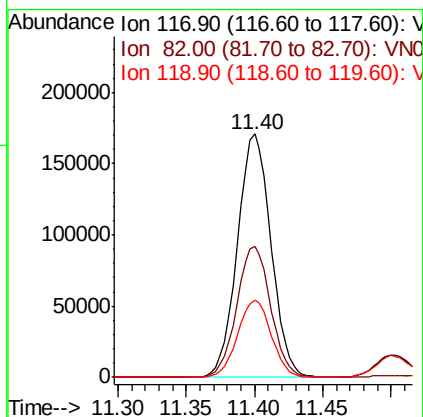
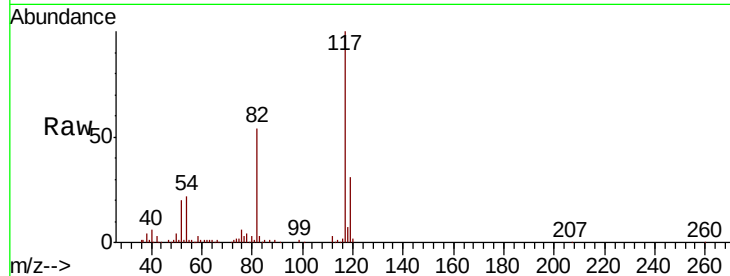




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

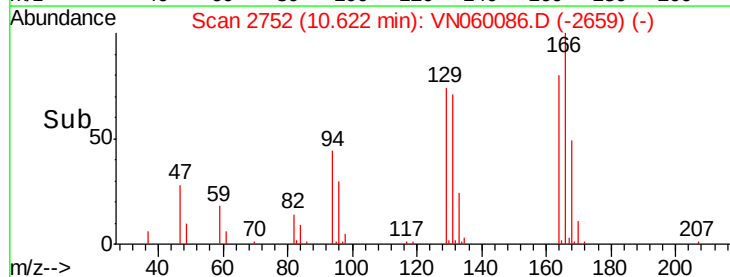
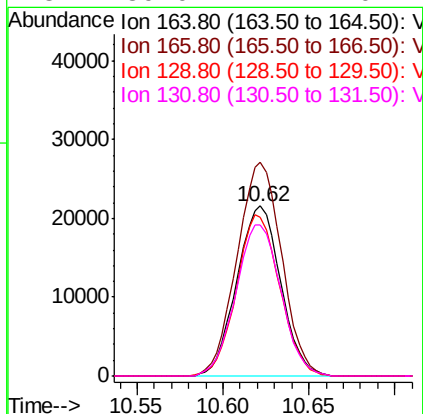
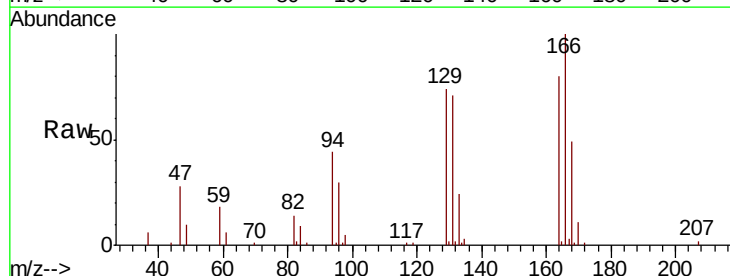
Instrument :
MSVOA_N
ClientSampleId :

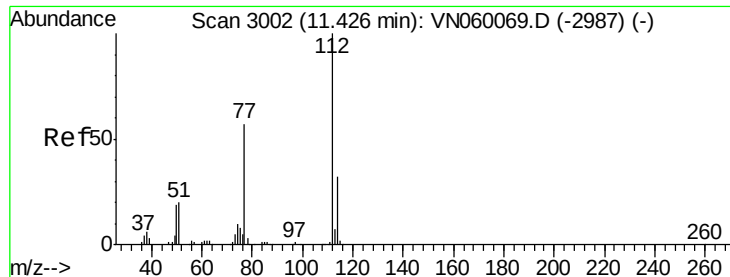
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	31.5	25.8	38.6



#64
Tetrachloroethene
Concen: 17.173 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.9	152.9
129	93.4	75.4	113.0
131	89.0	71.4	107.2

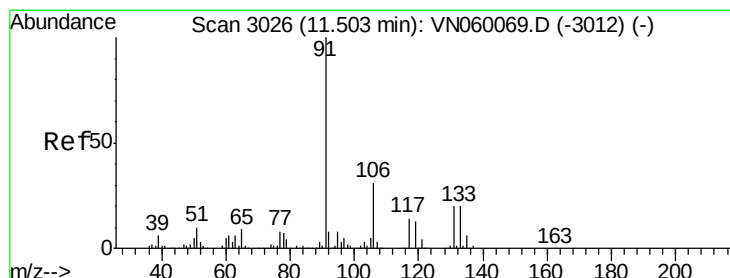
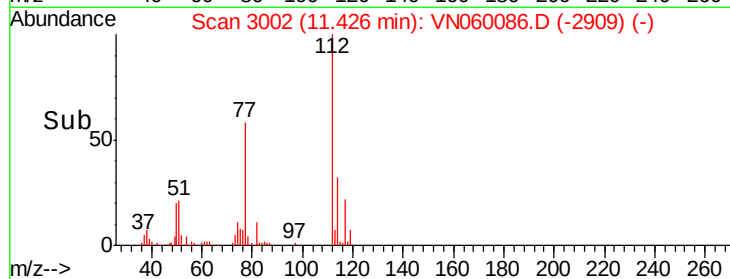
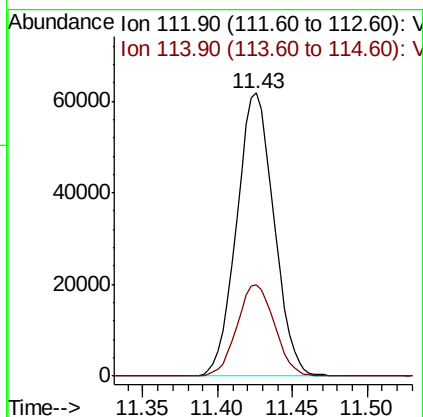
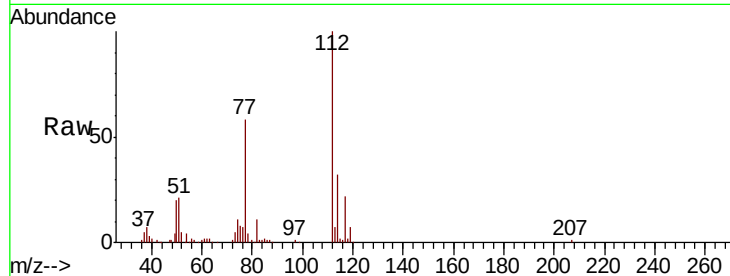




#65
Chlorobenzene
Concen: 18.030 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

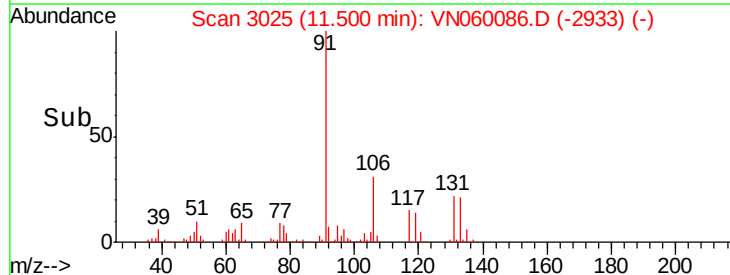
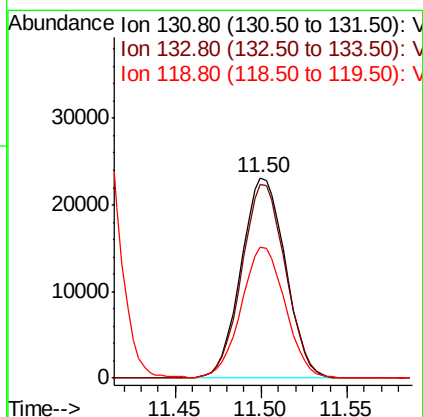
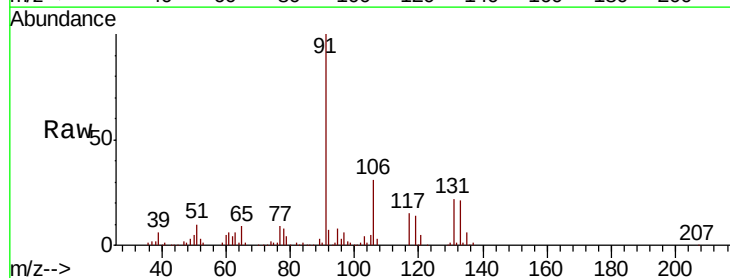
Instrument :
MSVOA_N
ClientSampleId :

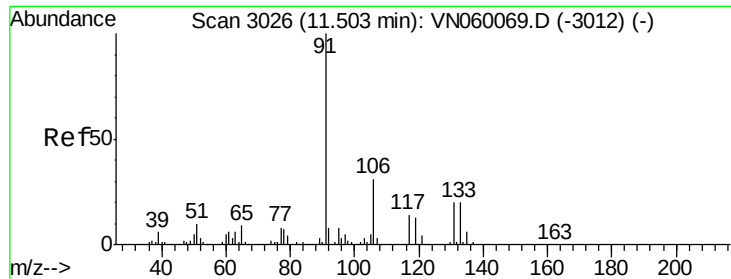
Tot Ion:112 Resp: 107492
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.324 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion:131 Resp: 41327
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.1 32.6 97.7

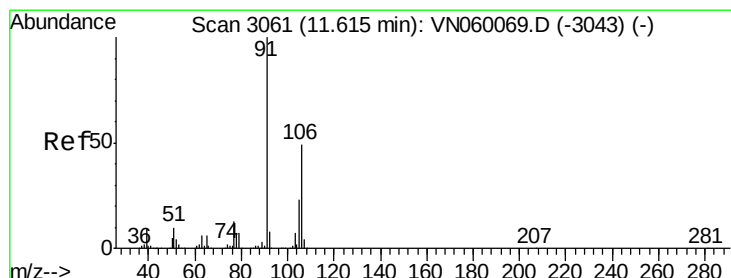
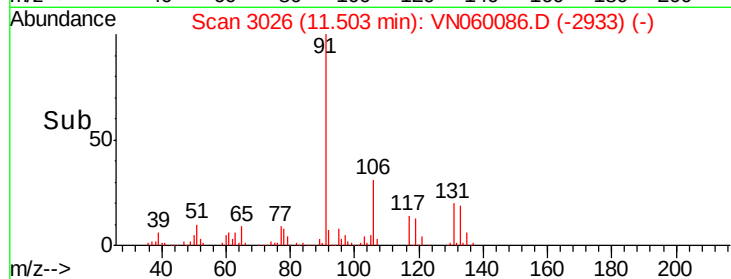
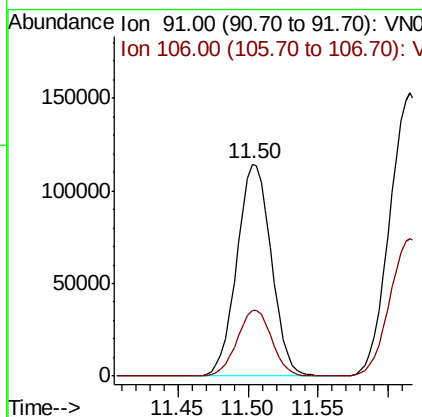
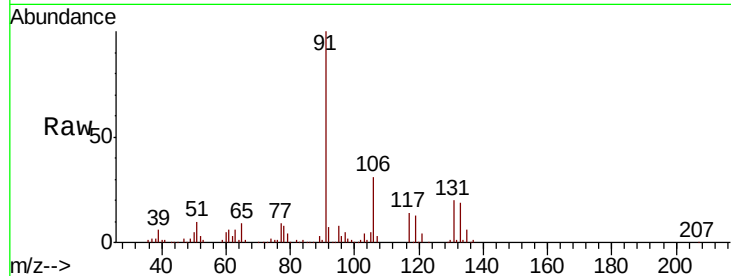




#67
Ethyl Benzene
Concen: 18.228 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

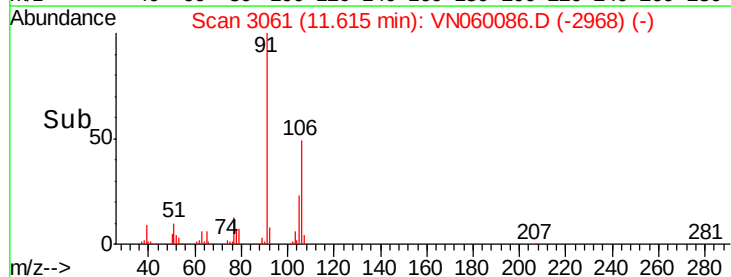
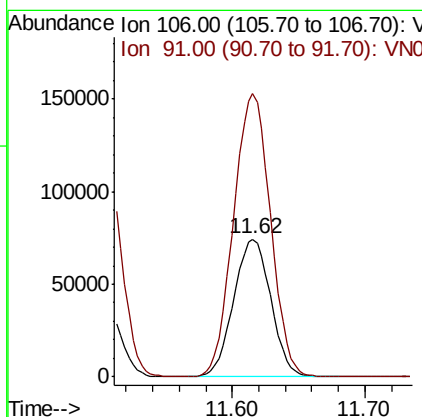
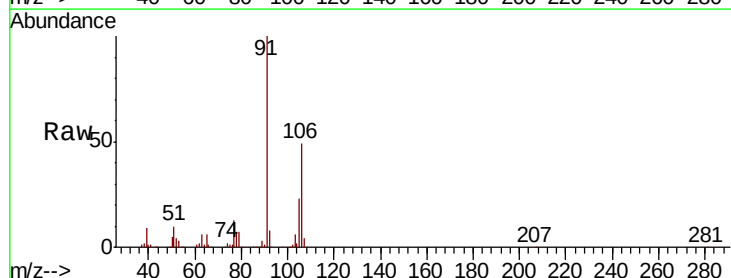
Instrument :
MSVOA_N
ClientSampled :

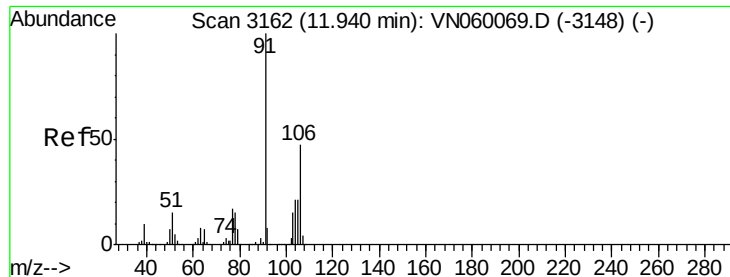
Tot Ion: 91 Resp: 196008
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 35.839 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 106 Resp: 144636
Ion Ratio Lower Upper
106 100
91 204.1 162.7 244.1

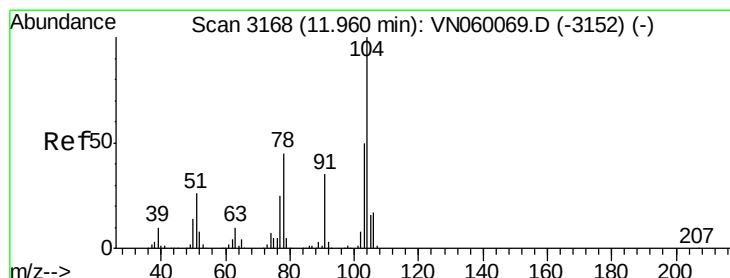
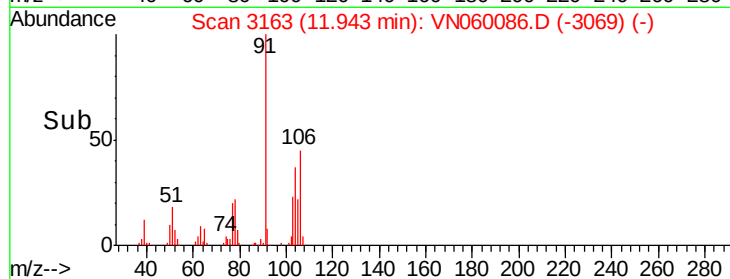
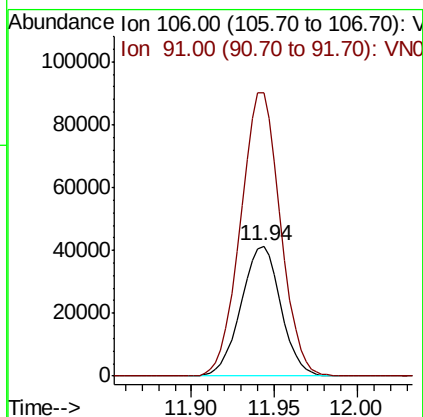
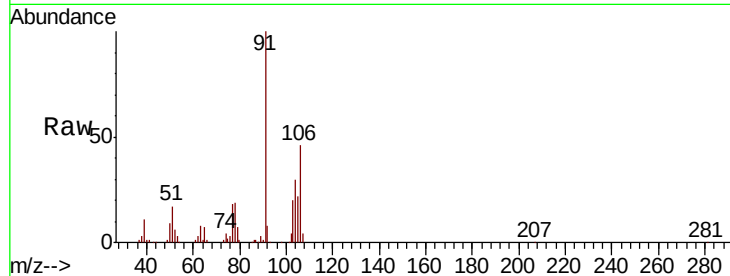




#69
o-Xylene
Concen: 17.717 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

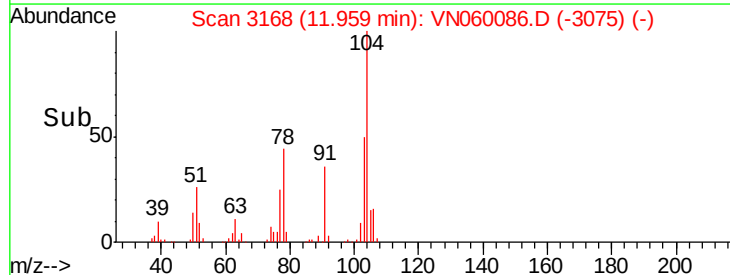
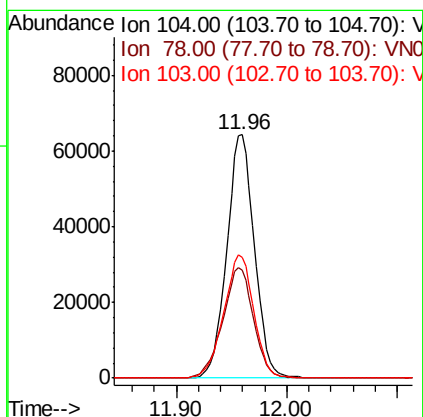
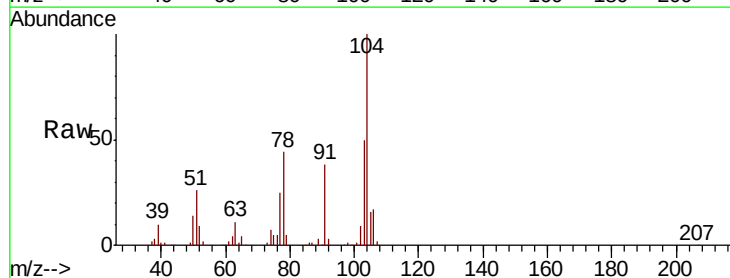
Instrument :
MSVOA_N
ClientSampled :

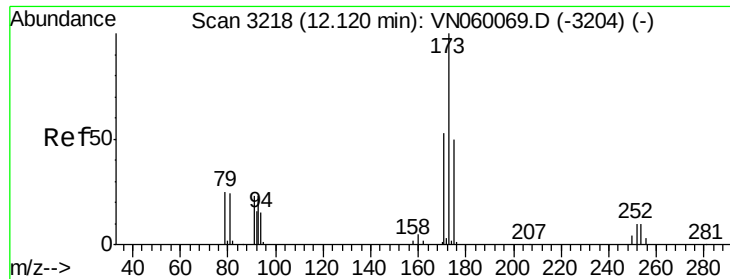
Tot Ion:106 Resp: 68844
Ion Ratio Lower Upper
106 100
91 218.4 107.2 321.6



#70
Styrene
Concen: 17.812 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion:104 Resp: 111612
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 55.0 44.3 66.5

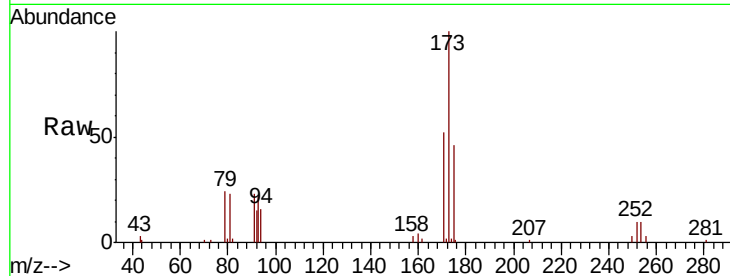




#71
Bromoform
Concen: 18.062 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.9	74.6
254	0.0	0.0	0.0

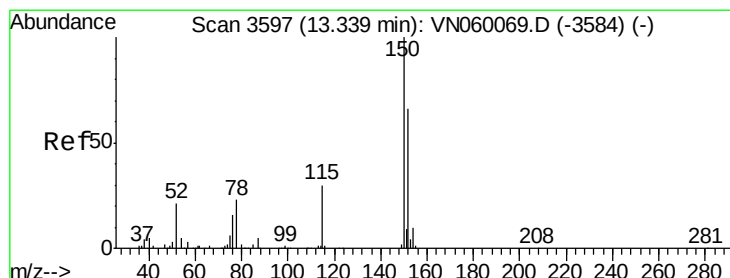
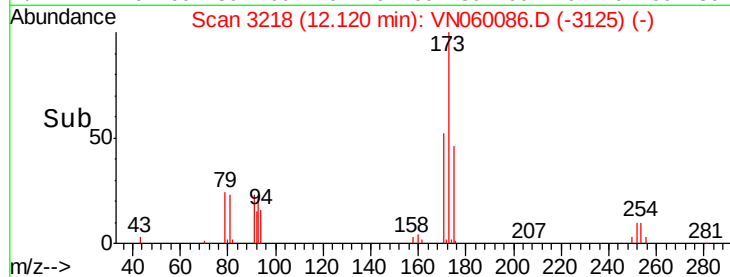
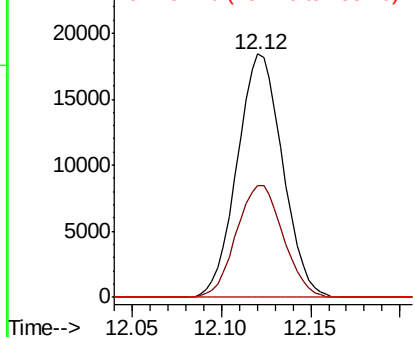


Abundance

Ion 172.70 (172.40 to 173.40): V

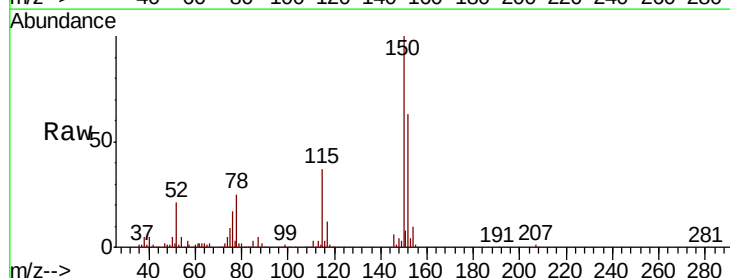
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	162.4	0.0	342.4

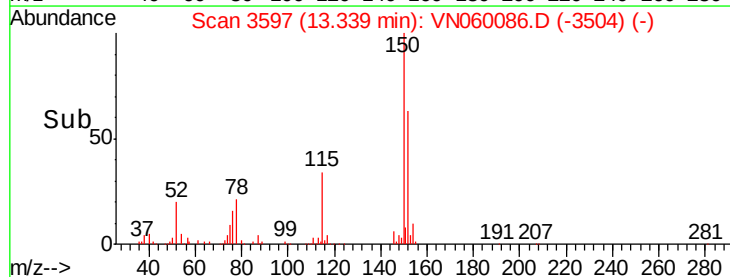
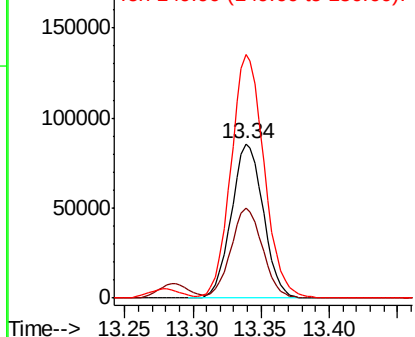


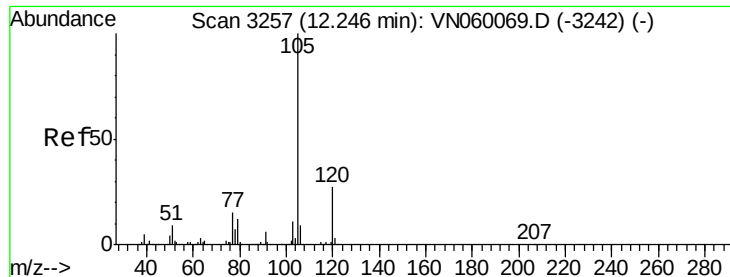
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.937 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

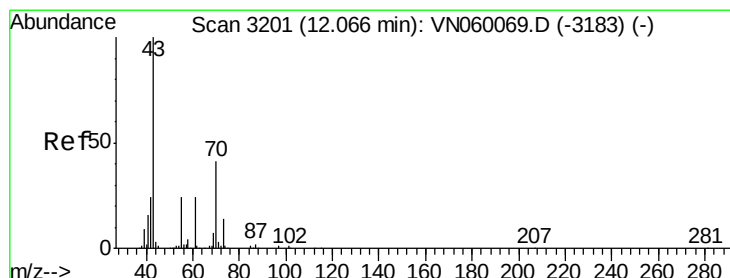
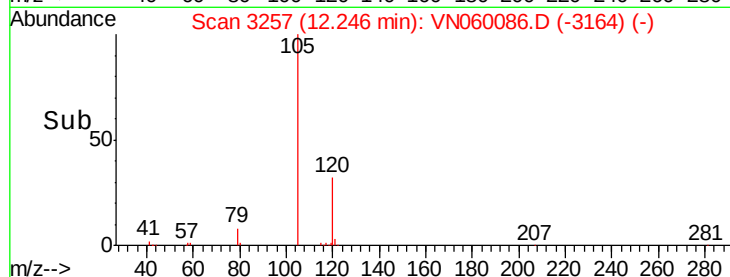
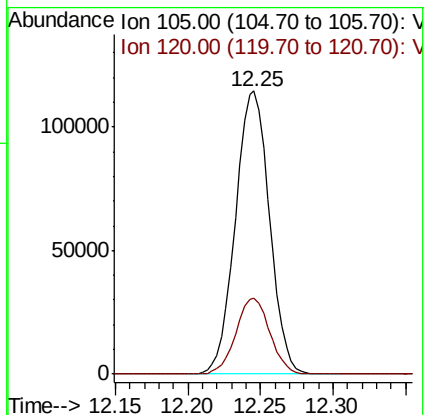
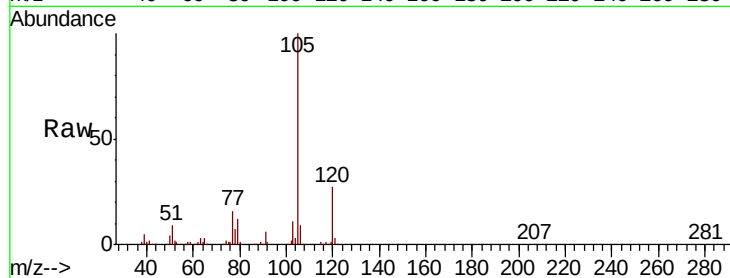
ClientSampled :

Tot Ion:105 Resp: 186965

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 19.108 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Tgt Ion: 43 Resp: 71820

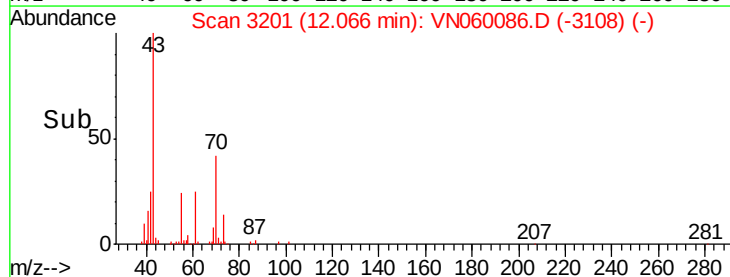
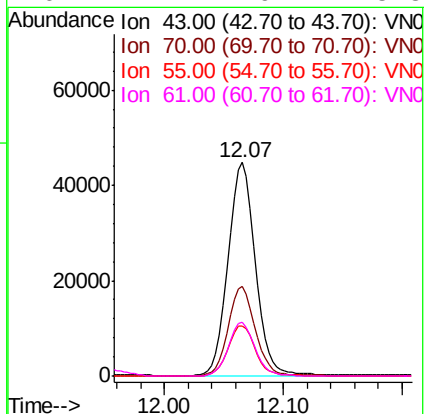
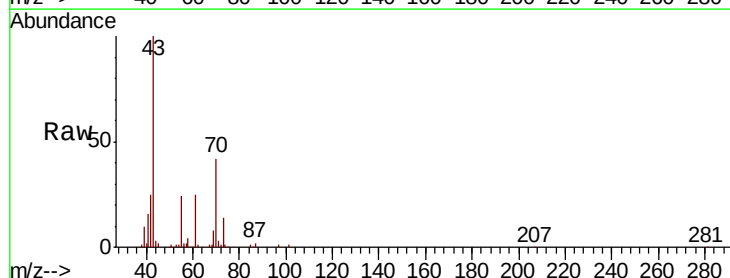
Ion Ratio Lower Upper

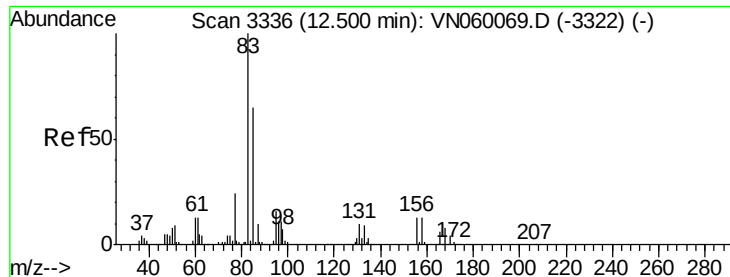
43 100

70 41.4 33.4 50.0

55 23.3 18.8 28.2

61 24.1 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.305 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

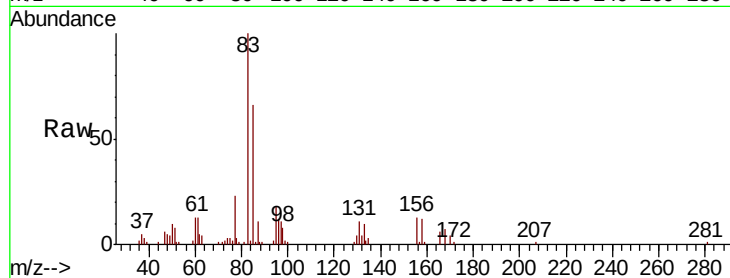
Tot Ion: 83 Resp: 57920

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 65.5 32.3 96.9

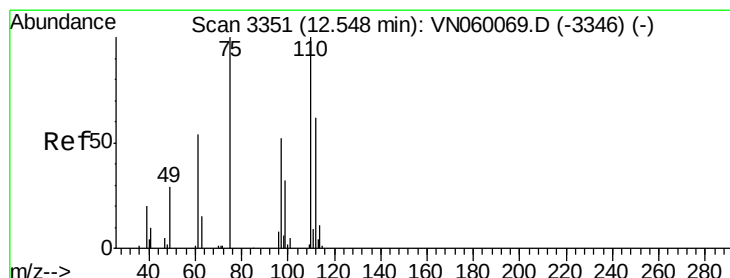
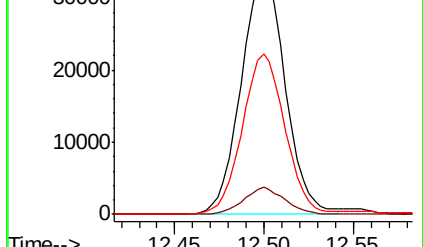
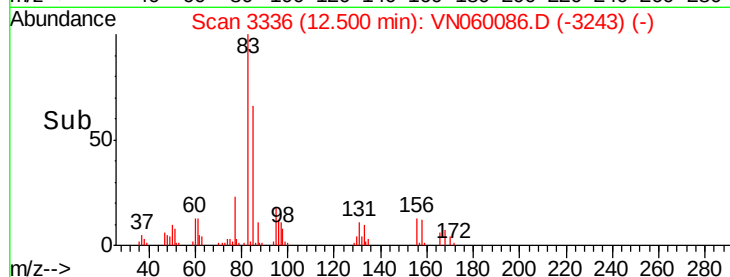


Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

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

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.207 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060086.D

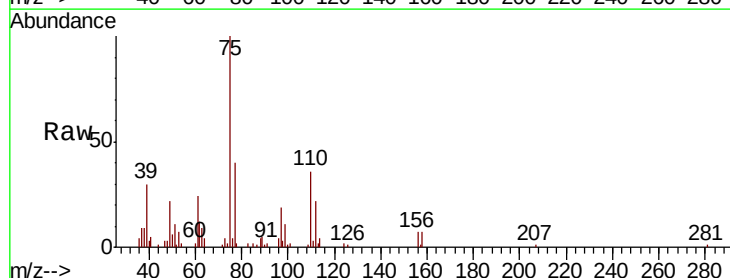
Acq: 13 Feb 2020 11:57

Tgt Ion: 75 Resp: 75329

Ion Ratio Lower Upper

75 100

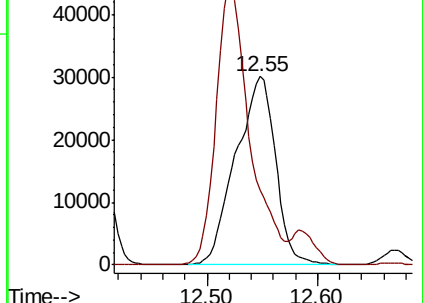
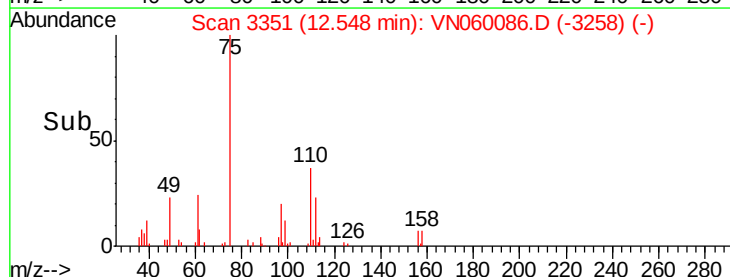
77 0.0 0.0 0.0

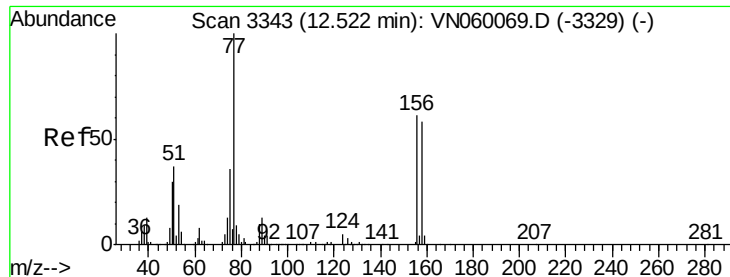


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

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

Time-->





#77

Bromobenzene

Concen: 18.351 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

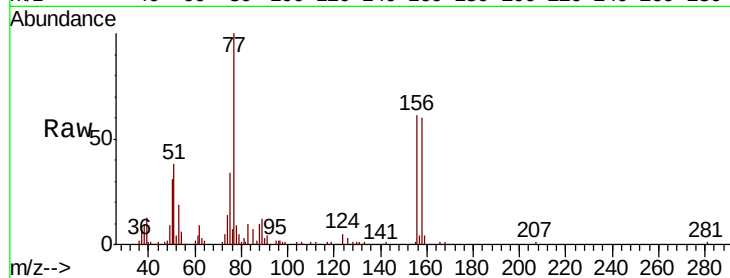
Tot Ion:156 Resp: 47470

Ion Ratio Lower Upper

156 100

77 201.0 98.7 296.1

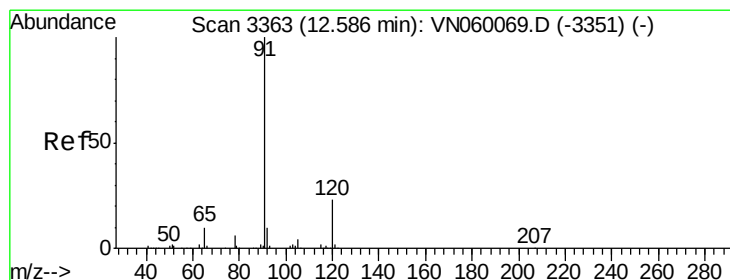
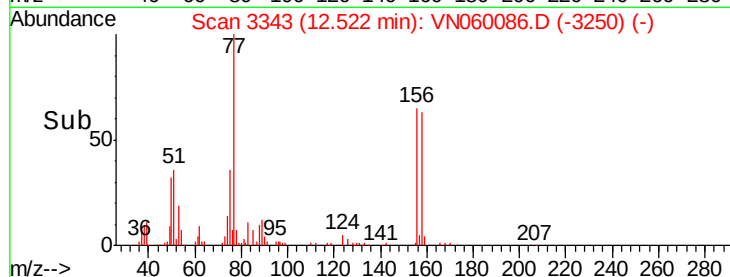
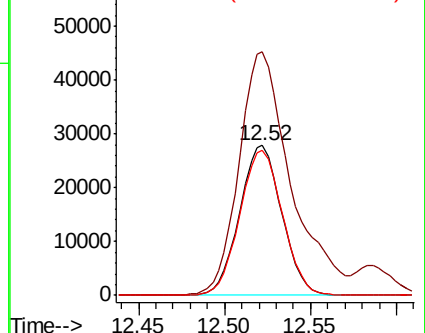
158 97.9 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.981 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060086.D

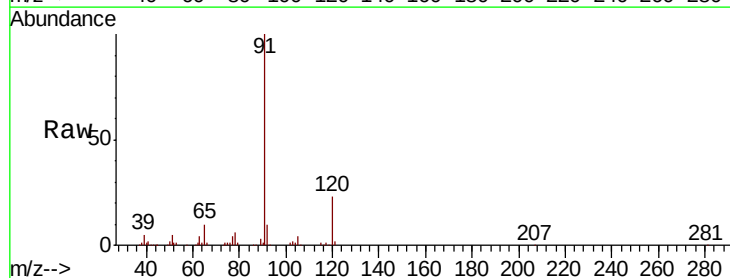
Acq: 13 Feb 2020 11:57

Tgt Ion: 91 Resp: 213533

Ion Ratio Lower Upper

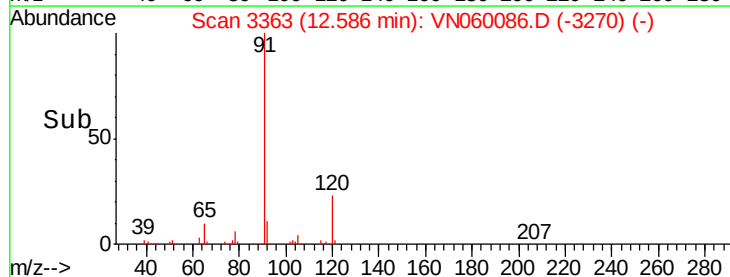
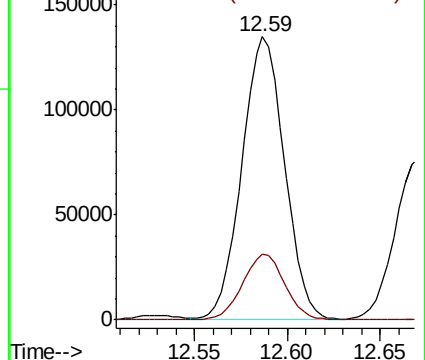
91 100

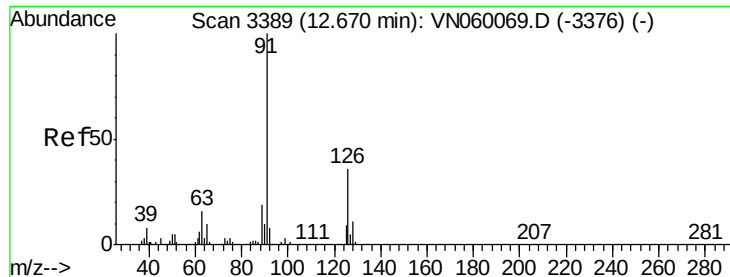
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.081 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

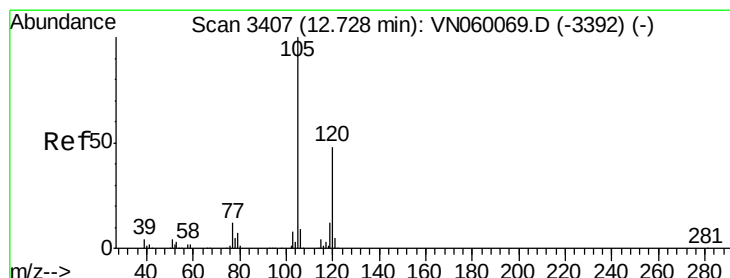
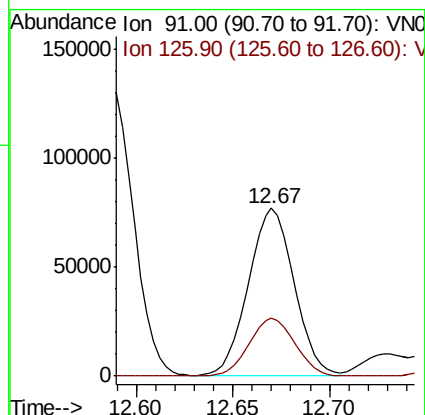
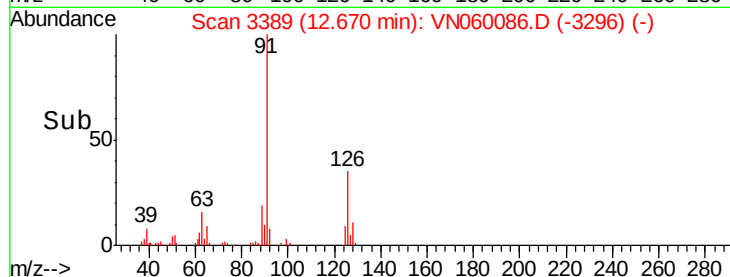
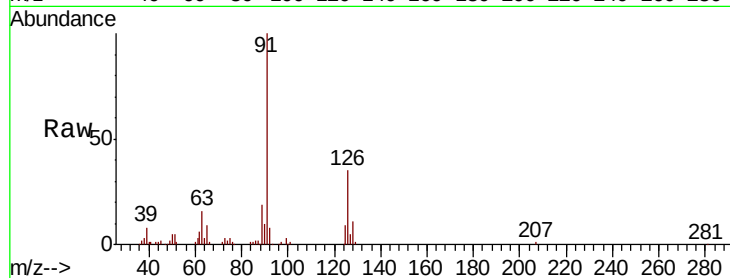
ClientSampled :

Tot Ion: 91 Resp: 126207

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.267 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060086.D

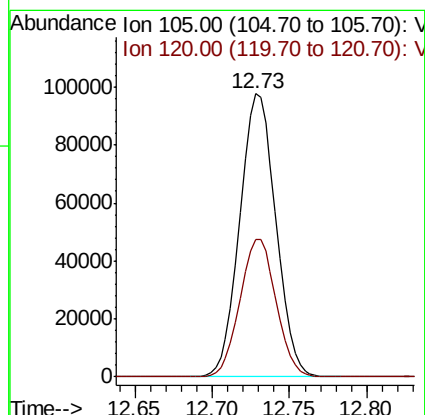
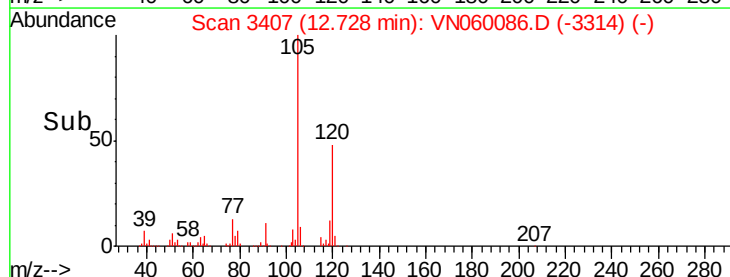
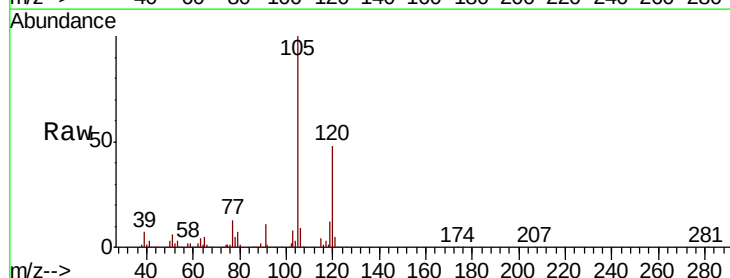
Acq: 13 Feb 2020 11:57

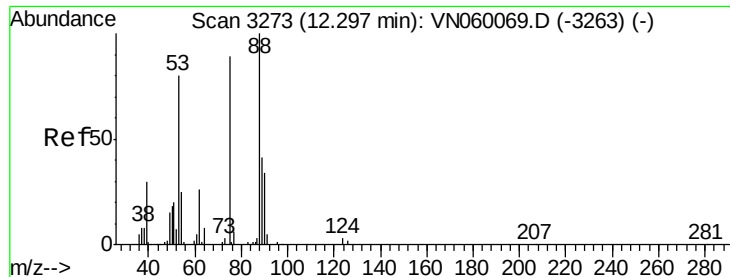
Tgt Ion: 105 Resp: 158313

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9

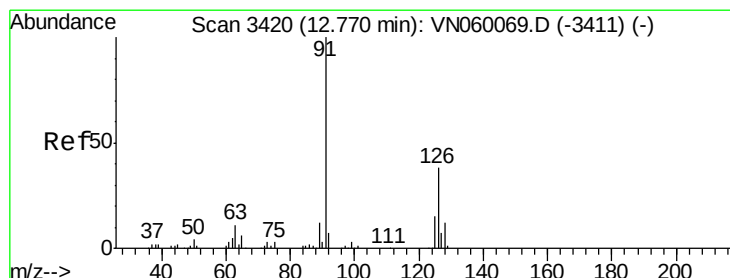
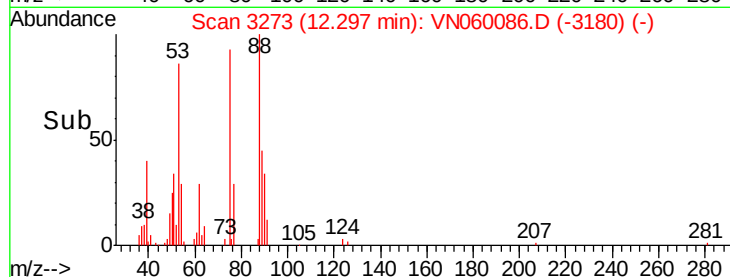
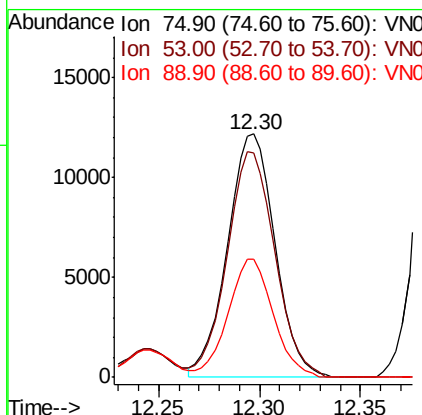
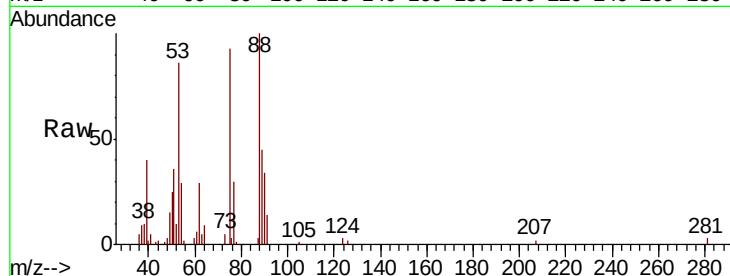




#81
trans-1,4-Dichloro-2-butene
Concen: 18.421 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

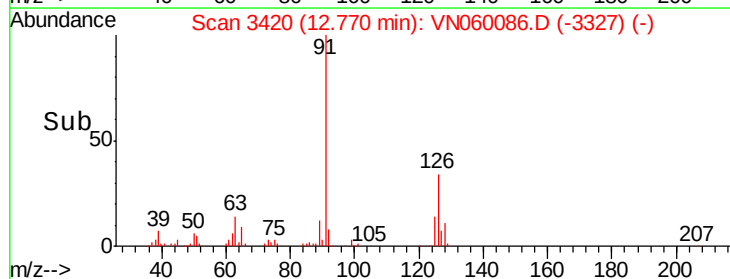
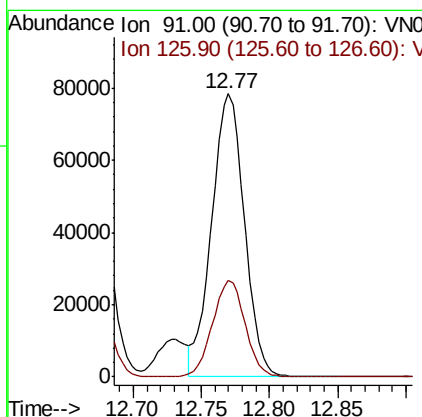
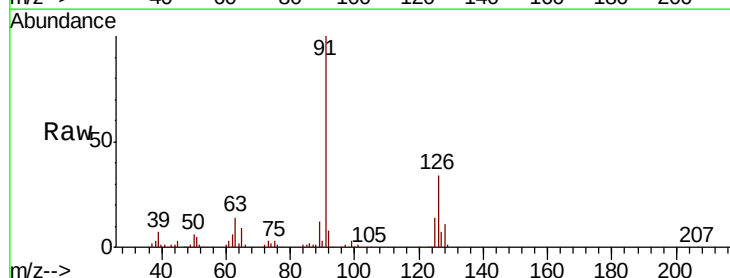
Instrument :
MSVOA_N
ClientSampleId :

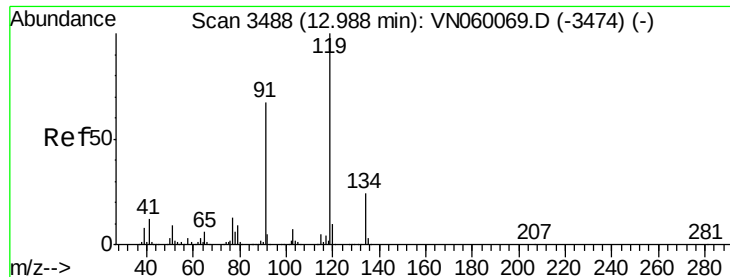
Tot Ion: 75 Resp: 20092
Ion Ratio Lower Upper
75 100
53 93.3 73.9 110.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 18.281 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion: 91 Resp: 130917
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.3

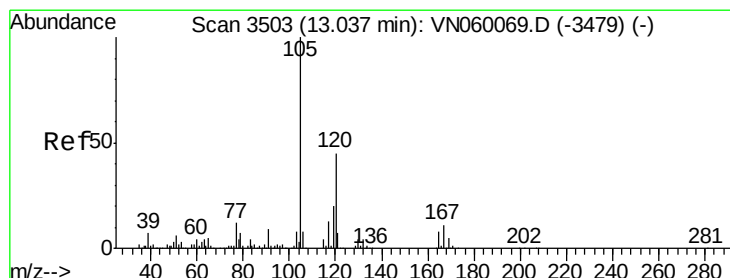
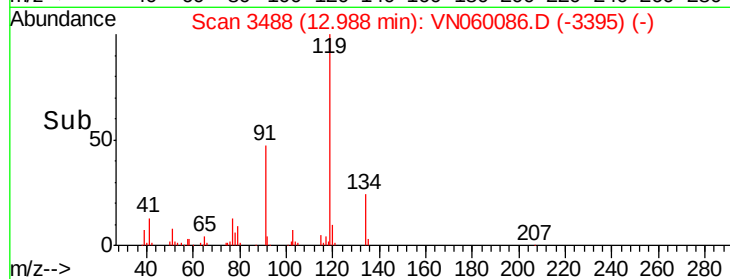
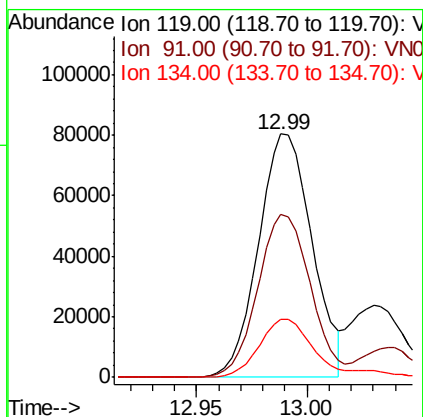
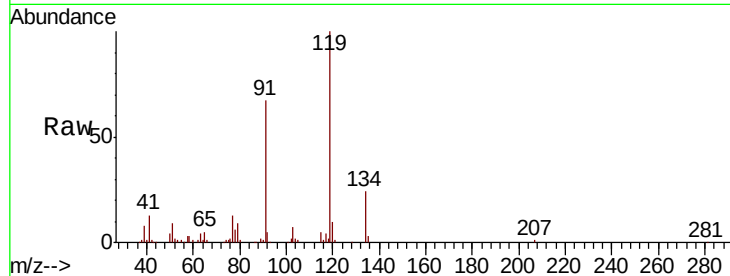




#83
 tert-Butylbenzene
 Concen: 17.633 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

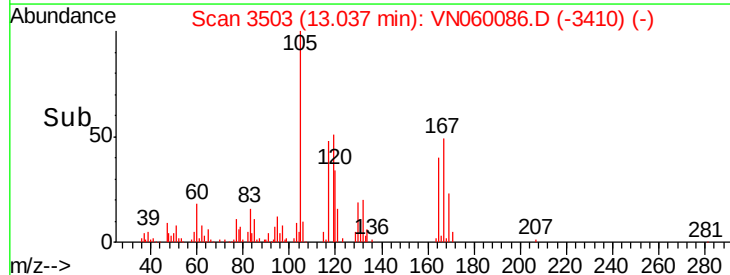
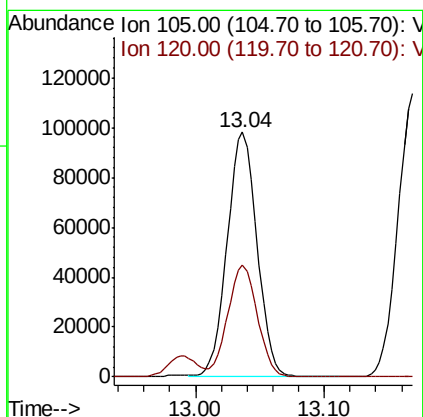
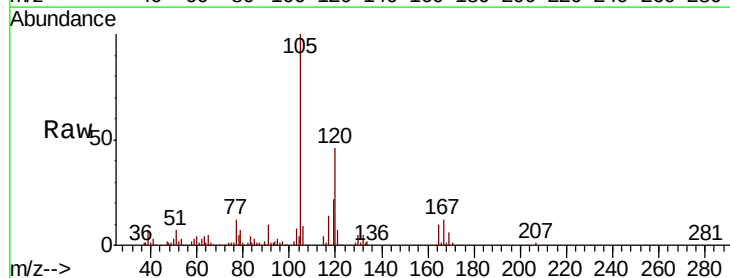
Instrument :
 MSVOA_N
 ClientSampled :

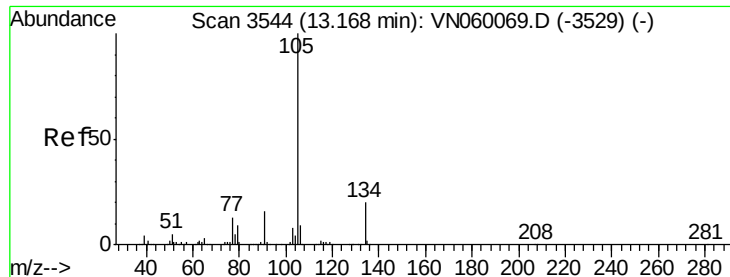
Tot Ion:119 Resp: 135184
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.7 98.1
 134 23.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.450 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion:105 Resp: 157842
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 17.949 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

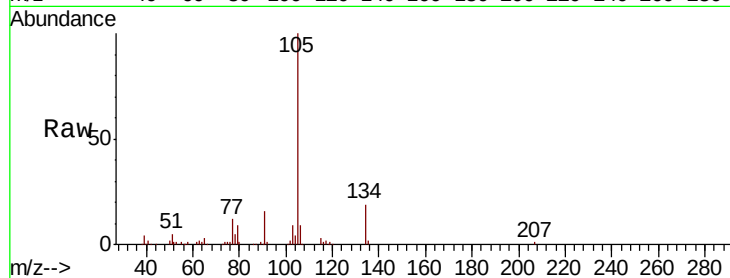
ClientSampleId :

Tot Ion:105 Resp: 182246

Ion Ratio Lower Upper

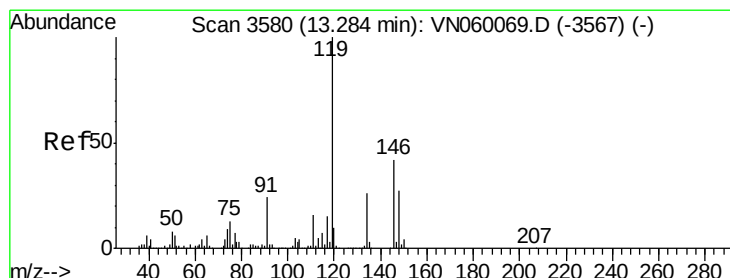
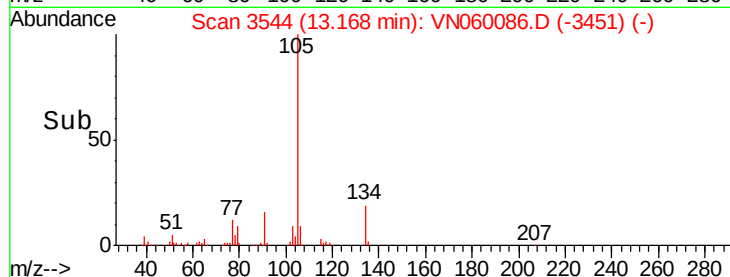
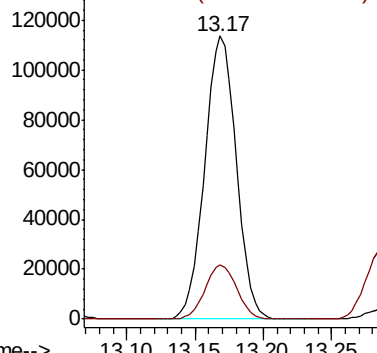
105 100

134 19.2 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: 18.092 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

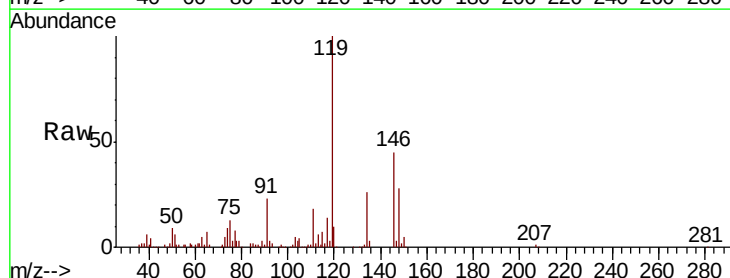
Tgt Ion:119 Resp: 166430

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

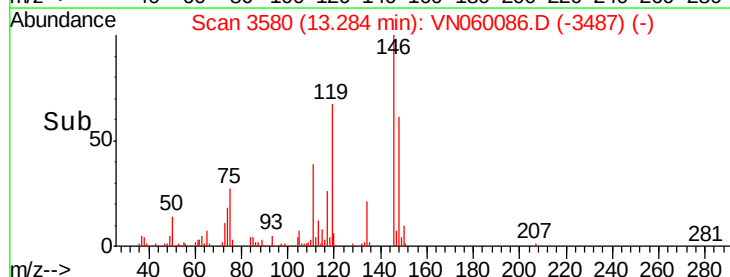
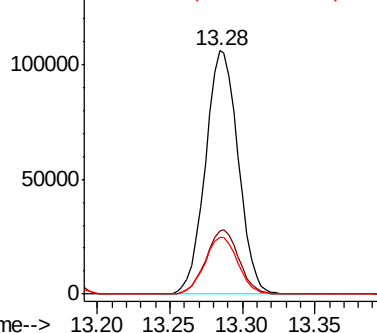
91 23.6 11.9 35.9

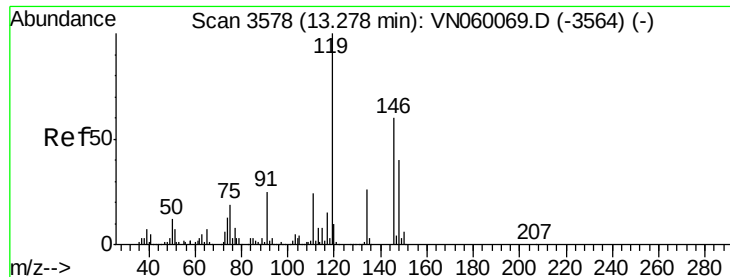


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

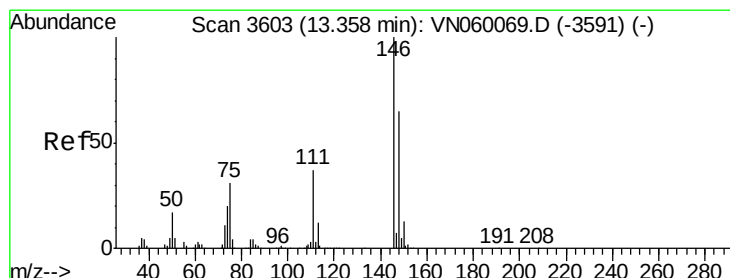
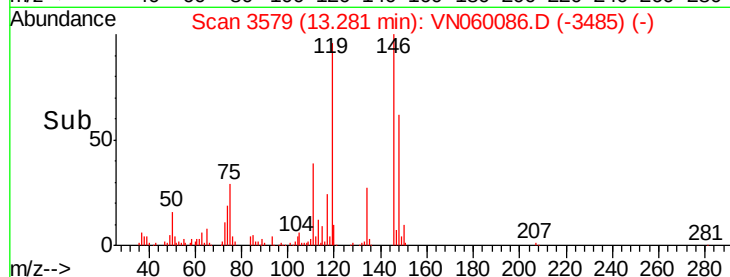
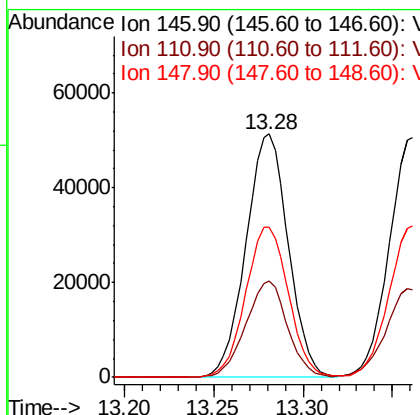
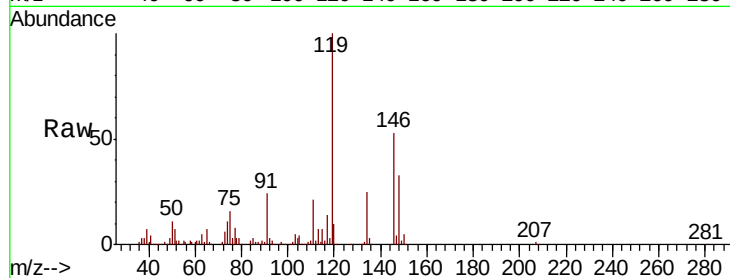




#87
 1,3-Dichlorobenzene
 Concen: 18.588 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

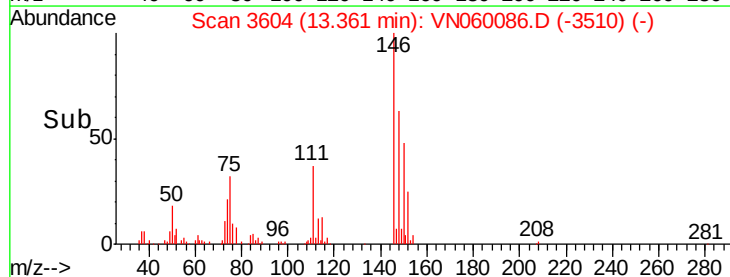
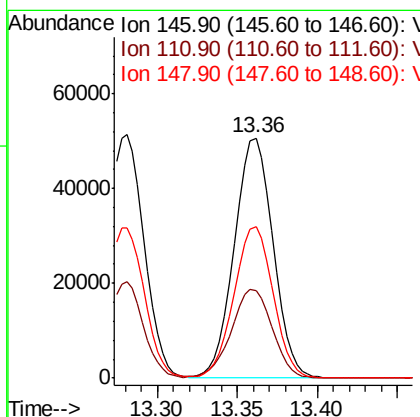
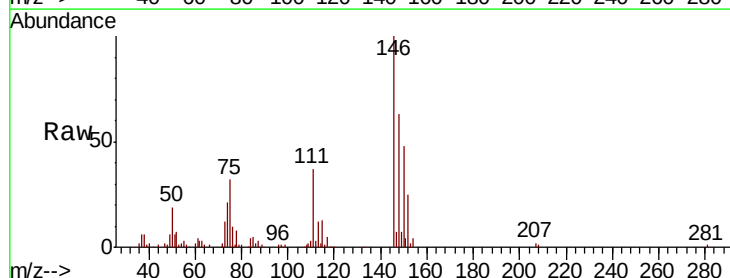
Instrument :
 MSVOA_N
 ClientSampleId :

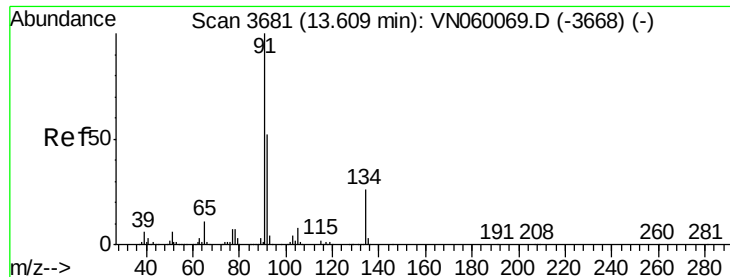
Tot Ion:146 Resp: 85113
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.8 59.3
 148 62.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.311 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion:146 Resp: 83830
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.5
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 18.046 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

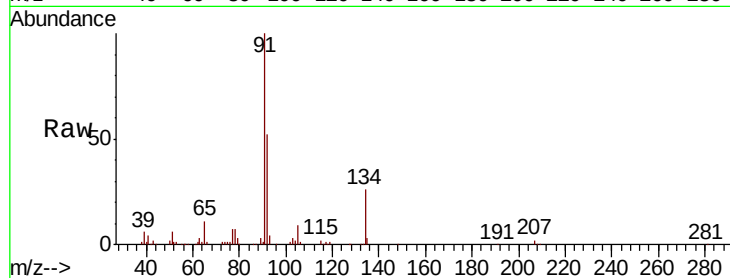
Tot Ion: 91 Resp: 146020

Ion Ratio Lower Upper

91 100

92 51.3 26.1 78.2

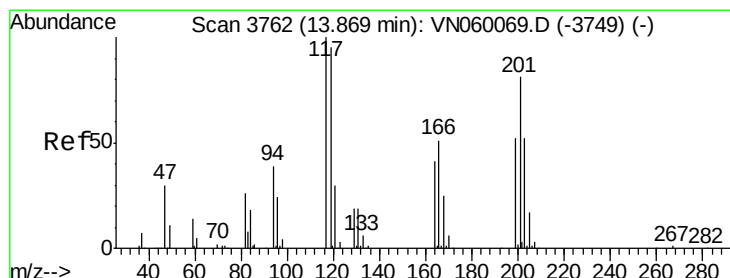
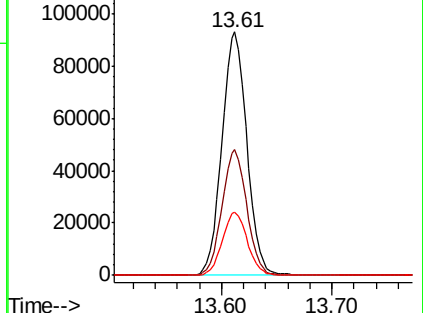
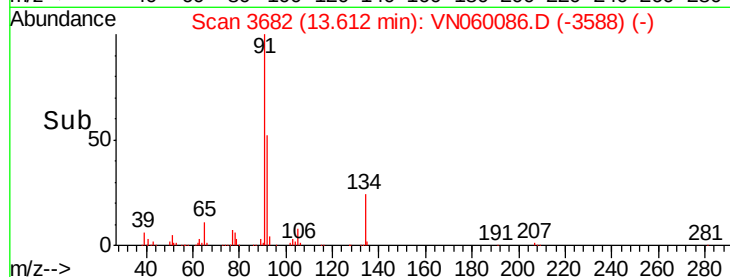
134 25.9 13.1 39.3



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

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

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



#90

Hexachloroethane

Concen: 17.577 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060086.D

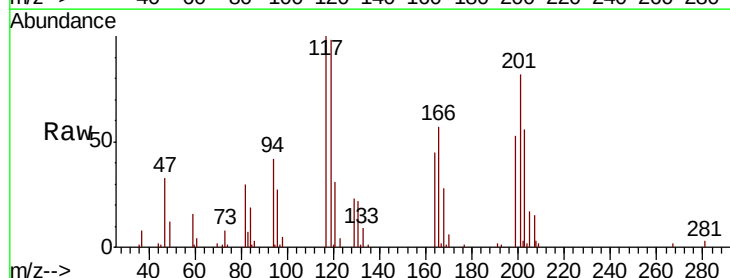
Acq: 13 Feb 2020 11:57

Tgt Ion: 117 Resp: 30208

Ion Ratio Lower Upper

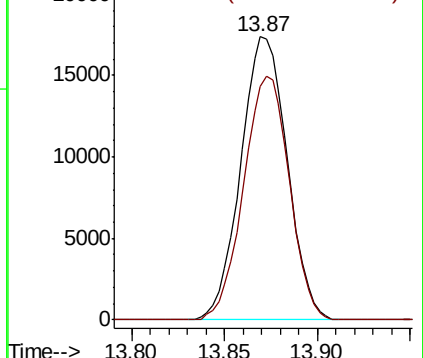
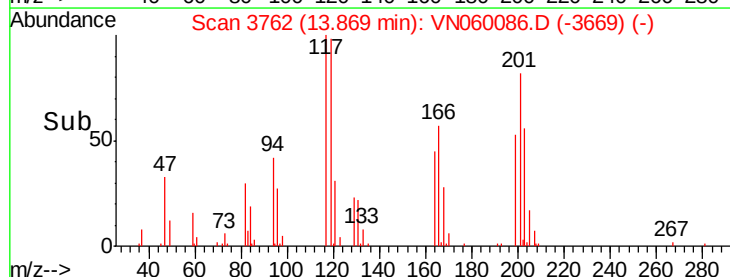
117 100

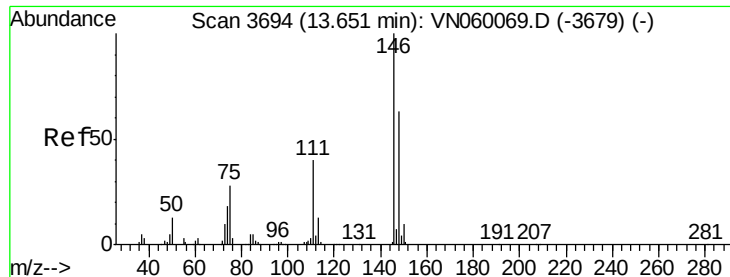
201 84.6 41.7 125.1



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

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





#91

1,2-Dichlorobenzene

Concen: 18.368 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060086.D

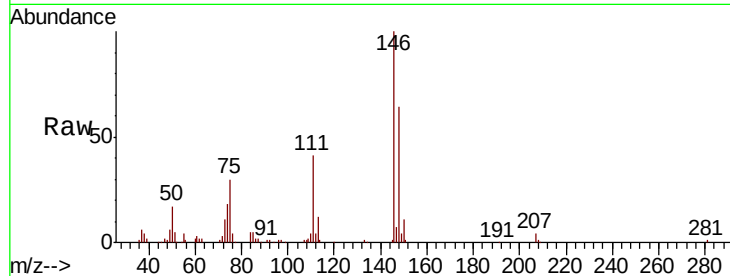
Acq: 13 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146	Resp:	82311
Ion Ratio	Lower	Upper
146	100	
111	41.0	20.1 60.2
148	63.6	31.9 95.5

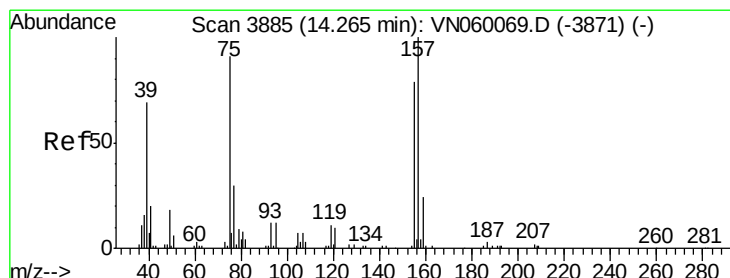
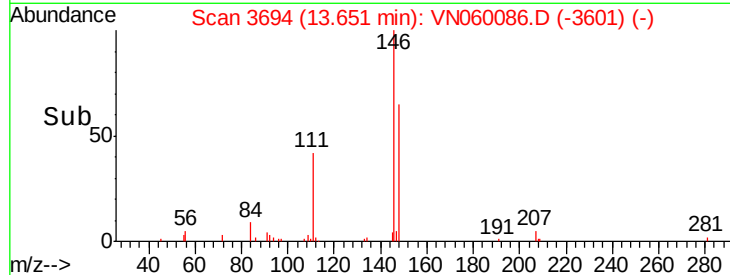
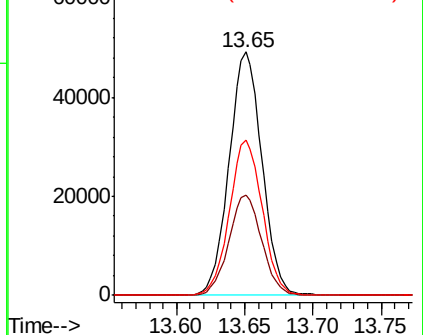


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.851 ug/l

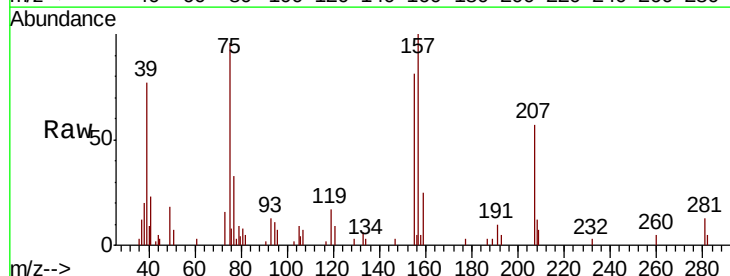
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060086.D

Acq: 13 Feb 2020 11:57

Tgt Ion: 75	Resp:	12332
Ion Ratio	Lower	Upper
75	100	
155	79.3	43.0 129.0
157	101.9	54.9 164.5

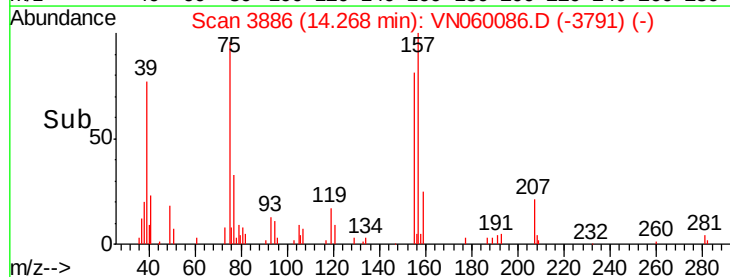
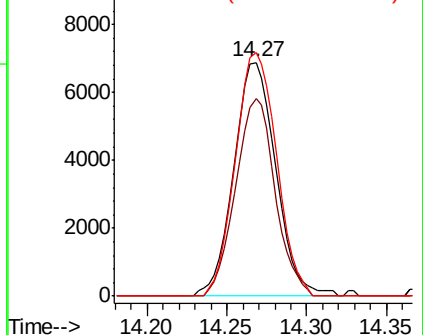


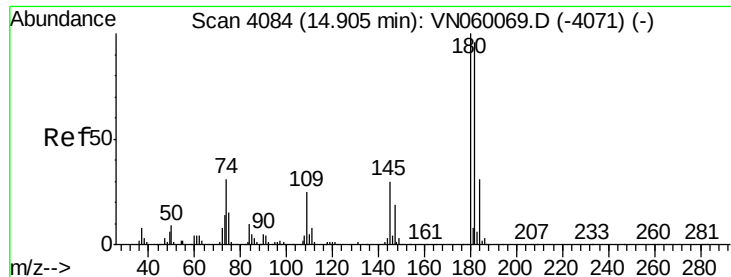
Abundance

Ion 74.90 (74.60 to 75.60): VN

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

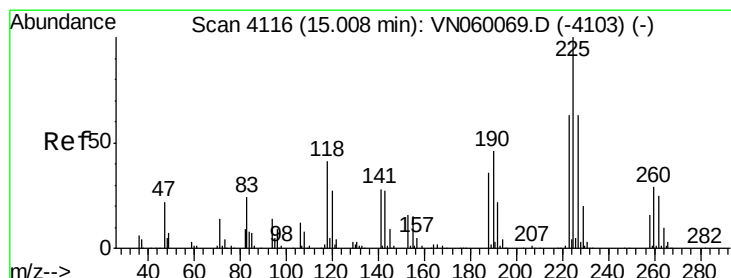
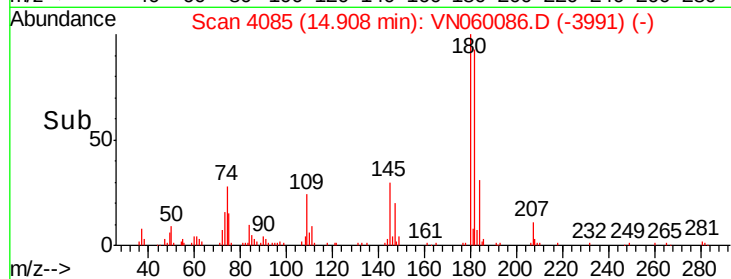
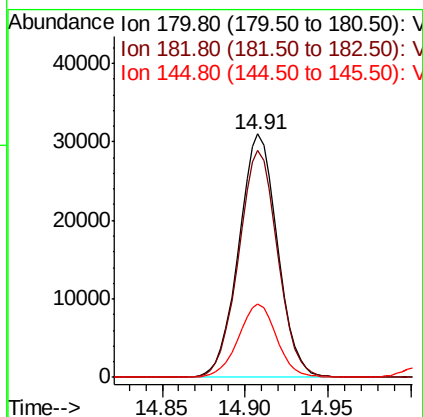
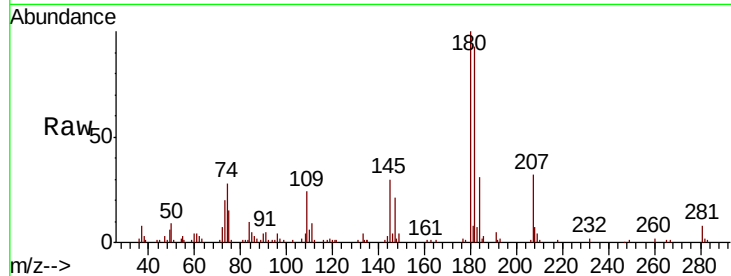




#93
 1,2,4-Trichlorobenzene
 Concen: 19.124 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

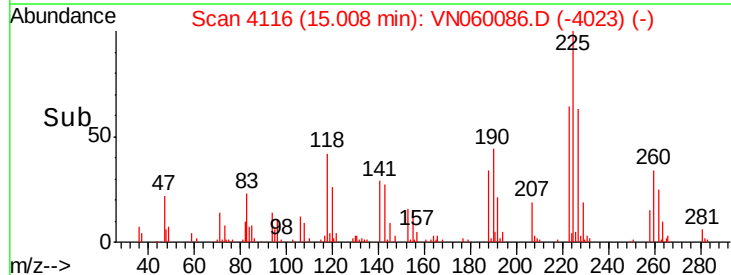
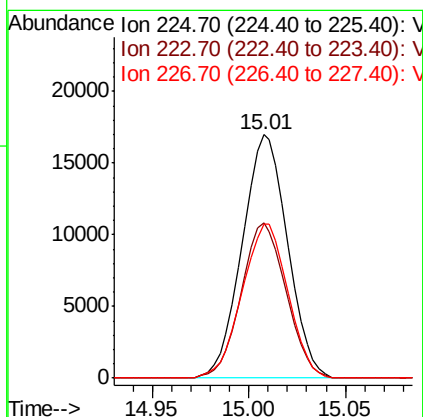
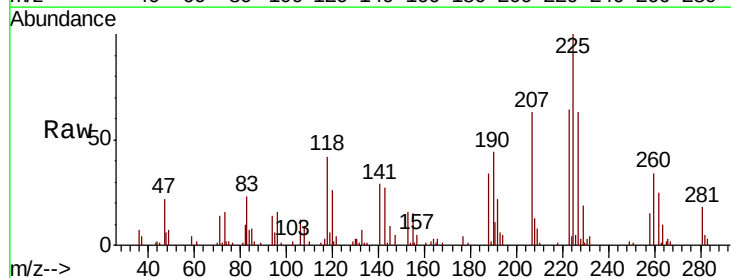
Instrument :
 MSVOA_N
 ClientSampled :

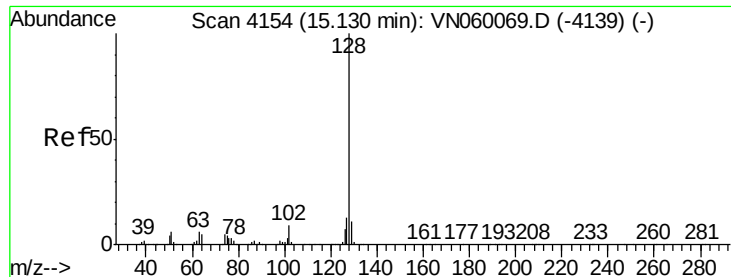
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.9	143.8
145	29.7	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 17.975 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060086.D
 Acq: 13 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.5	94.5
227	63.7	31.8	95.4

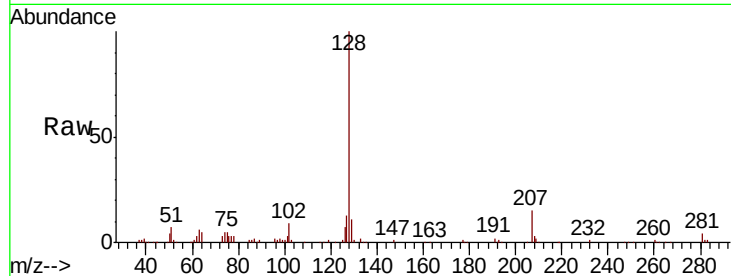




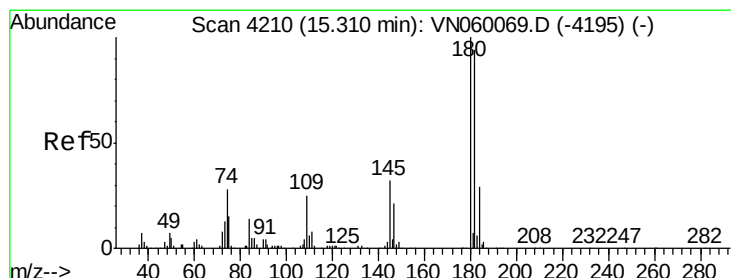
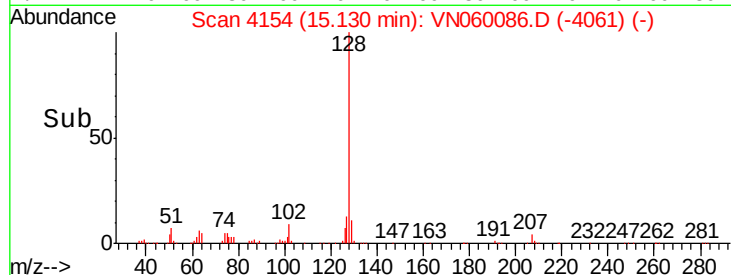
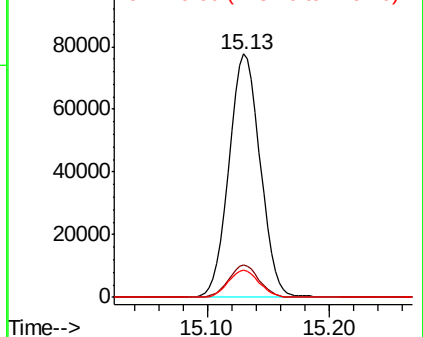
#95
Naphthalene
Concen: 19.525 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 138871
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

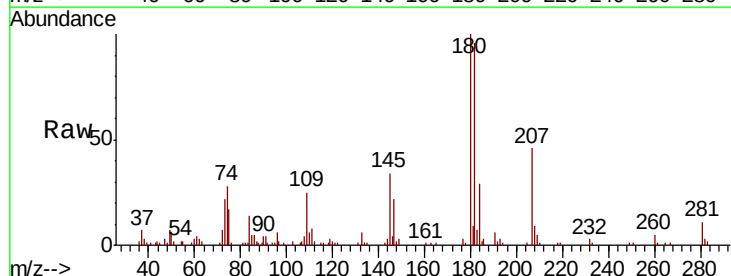


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.031 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060086.D
Acq: 13 Feb 2020 11:57

Tgt Ion:180 Resp: 49900
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 32.3 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

