

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060056.D
 Acq On : 11 Feb 2020 11:40
 Operator : JC/MD
 Sample : VN0211WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 04:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	167149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	264661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	243104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	100615	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.56	113	80401	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.08	98	298946	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	110842	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	29521	14.610	ug/l	99
3) Chloromethane	2.04	50	30892	16.143	ug/l	99
4) Vinyl Chloride	2.17	62	40958	18.706	ug/l	99
5) Bromomethane	2.55	94	24525	18.354	ug/l	99
6) Chloroethane	2.69	64	19031	18.372	ug/l	96
7) Trichlorofluoromethane	3.00	101	48620	18.490	ug/l	99
8) Diethyl Ether	3.38	74	19507	21.139	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	28817	19.691	ug/l	93
10) Methyl Iodide	3.93	142	36165	15.288	ug/l	96
11) Tert butyl alcohol	4.73	59	32968	105.502	ug/l	100
12) 1,1-Dichloroethene	3.72	96	27449	17.950	ug/l	84
13) Acrolein	3.58	56	18432	83.326	ug/l	99
14) Allyl chloride	4.29	41	41400	20.085	ug/l #	87
15) Acrylonitrile	4.94	53	78521	110.157	ug/l	99
16) Acetone	3.78	43	82440	125.218	ug/l	97
17) Carbon Disulfide	4.03	76	60929	13.986	ug/l	100
18) Methyl Acetate	4.29	43	49272	22.725	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	109611	21.984	ug/l	96
20) Methylene Chloride	4.52	84	33134	18.926	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	30226	18.594	ug/l	91
22) Diisopropyl ether	5.91	45	102064	21.850	ug/l	91
23) Vinyl Acetate	5.86	43	379370	104.897	ug/l	95
24) 1,1-Dichloroethane	5.82	63	58881	20.630	ug/l	98
25) 2-Butanone	6.80	43	111555	106.124	ug/l	94
26) 2,2-Dichloropropane	6.80	77	55806	20.338	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	38248	20.457	ug/l	91
28) Bromochloromethane	7.17	49	25370	22.239	ug/l #	79
29) Tetrahydrofuran	7.18	42	69377	106.671	ug/l	90
30) Chloroform	7.34	83	64062	21.662	ug/l	98
31) Cyclohexane	7.63	56	47601	17.332	ug/l #	89
32) 1,1,1-Trichloroethane	7.54	97	55891	20.441	ug/l	97
36) 1,1-Dichloropropene	7.77	75	42571	18.471	ug/l	97
37) Ethyl Acetate	6.90	43	45299	20.956	ug/l	98
38) Carbon Tetrachloride	7.75	117	48540	19.361	ug/l	97

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 QLast Update : Sat Jan 18 03:09:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	50281	17.693	ug/l	93
40) Benzene	8.02	78	130542	18.992	ug/l	100
41) Methacrylonitrile	7.14	41	16412	15.414	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	50246	21.560	ug/l	96
43) Isopropyl Acetate	8.14	43	76179	20.488	ug/l #	96
44) Trichloroethene	8.82	130	36781	19.602	ug/l	97
45) 1,2-Dichloropropane	9.10	63	36316	21.351	ug/l	99
46) Dibromomethane	9.19	93	25228	21.027	ug/l	94
47) Bromodichloromethane	9.39	83	51970	21.494	ug/l	99
48) Methyl methacrylate	9.18	41	32775	19.707	ug/l	92
49) 1,4-Dioxane	9.18	88	13486	442.951	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	228561	106.339	ug/l	97
52) Toluene	10.14	92	86286	19.874	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	57437	21.275	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	60144	21.173	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	37299	21.691	ug/l	99
56) Ethyl methacrylate	10.42	69	51956	19.774	ug/l	94
57) 1,3-Dichloropropane	10.70	76	59794	21.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	93855	118.592	ug/l	94
59) 2-Hexanone	10.74	43	170159	107.462	ug/l	97
60) Dibromochloromethane	10.89	129	41078	20.978	ug/l	99
61) 1,2-Dibromoethane	10.99	107	37529	20.823	ug/l	99
64) Tetrachloroethene	10.62	164	39274	19.822	ug/l	96
65) Chlorobenzene	11.43	112	95811	20.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	38547	20.878	ug/l	99
67) Ethyl Benzene	11.50	91	168694	19.448	ug/l	99
68) m/p-Xylenes	11.62	106	126000	38.455	ug/l	96
69) o-Xylene	11.94	106	61941	19.310	ug/l	97
70) Styrene	11.96	104	99532	18.543	ug/l	98
71) Bromoform	12.12	173	30217	20.432	ug/l #	99
73) Isopropylbenzene	12.25	105	167619	19.849	ug/l	100
74) N-amyl acetate	12.07	43	64811	19.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	52722	21.535	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	69141	35.680	ug/l #	100
77) Bromobenzene	12.52	156	43388	20.288	ug/l	85
78) n-propylbenzene	12.59	91	188249	19.861	ug/l	99
79) 2-Chlorotoluene	12.67	91	113742	20.172	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	139499	19.642	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18221	20.193	ug/l	96
82) 4-Chlorotoluene	12.77	91	115165	20.363	ug/l	97
83) tert-Butylbenzene	12.99	119	120877	19.679	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	142948	20.345	ug/l	99
85) sec-Butylbenzene	13.17	105	163503	20.260	ug/l	100
86) p-Isopropyltoluene	13.28	119	147518	19.755	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	74156	19.962	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	75574	20.393	ug/l	98
89) n-Butylbenzene	13.61	91	128748	20.221	ug/l	99
90) Hexachloroethane	13.87	117	27855	19.937	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	74264	20.222	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11303	20.269	ug/l	91

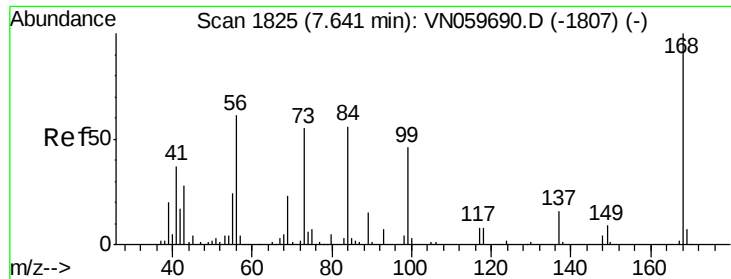
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	45625	20.675	ug/l	99
94) Hexachlorobutadiene	15.01	225	24966	20.530	ug/l	99
95) Naphthalene	15.13	128	127641	20.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45772	21.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

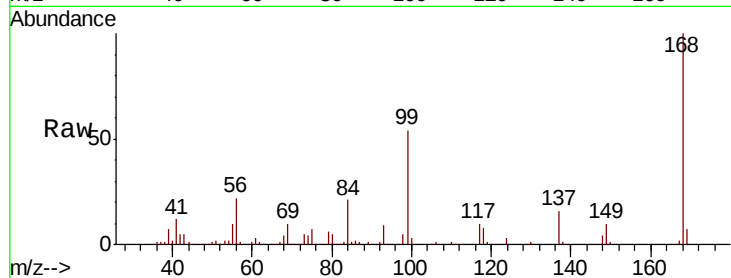
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 167149

Ion Ratio Lower Upper

168 100

99 54.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

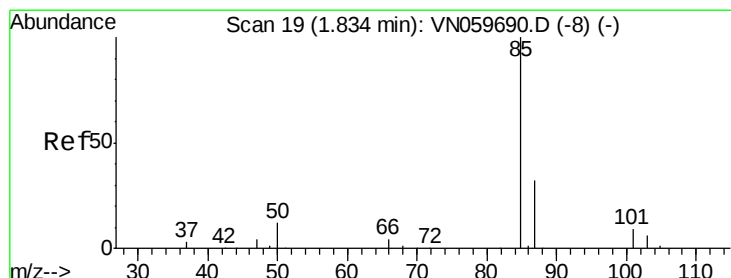
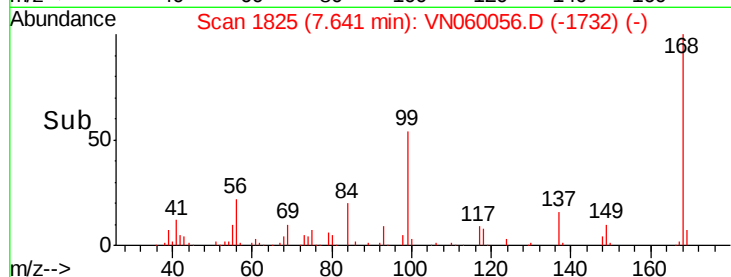
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 14.610 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060056.D

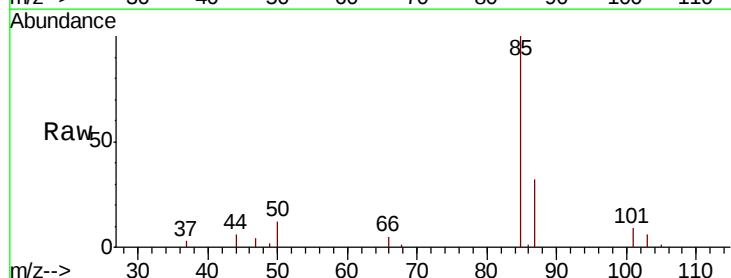
Acq: 11 Feb 2020 11:40

Tgt Ion: 85 Resp: 29521

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

25000

20000

15000

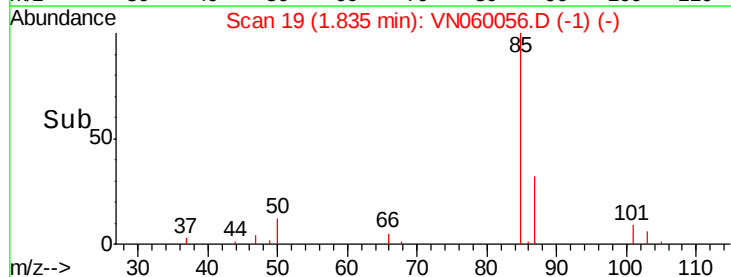
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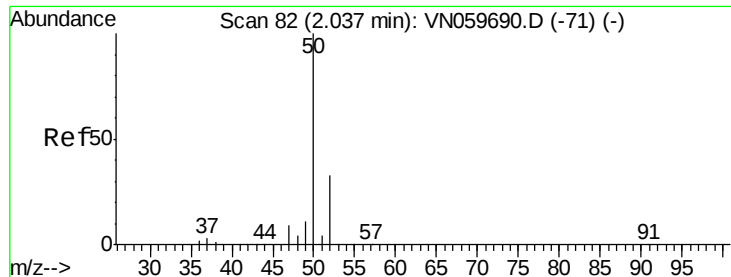
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.143 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

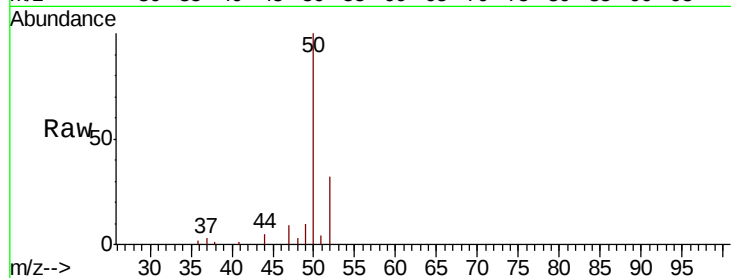
ClientSampled :

Tot Ion: 50 Resp: 30892

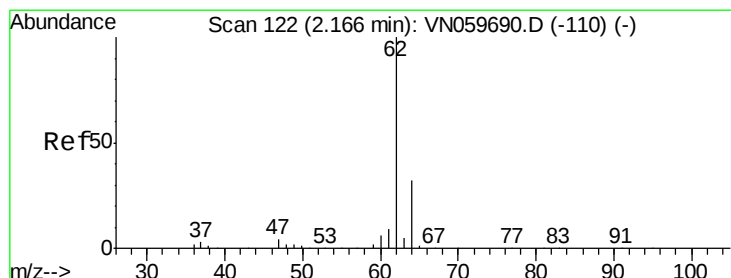
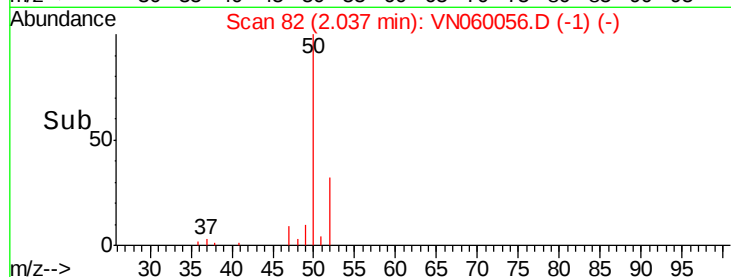
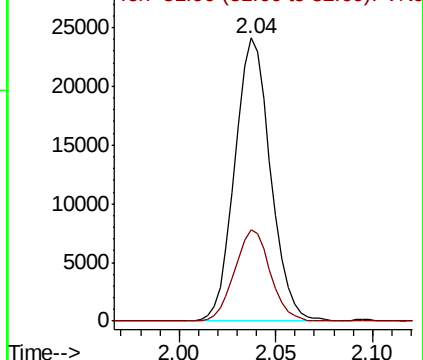
Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.706 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060056.D

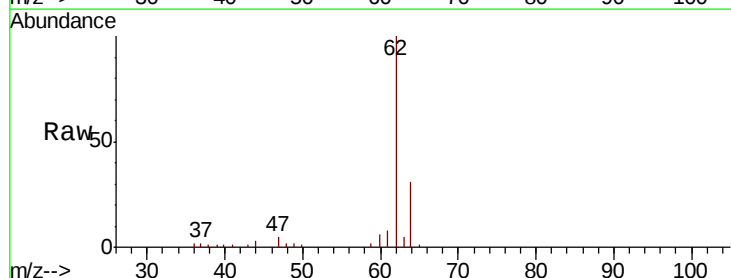
Acq: 11 Feb 2020 11:40

Tgt Ion: 62 Resp: 40958

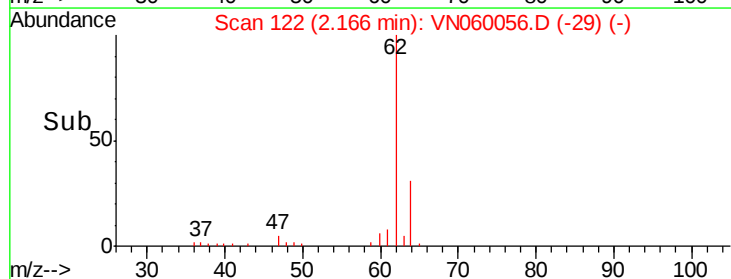
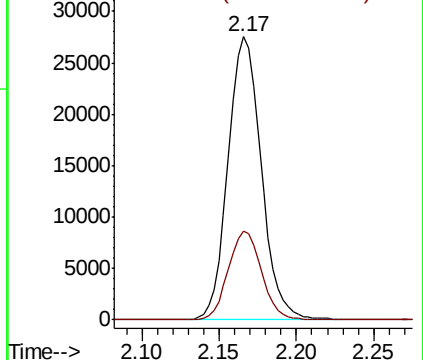
Ion Ratio Lower Upper

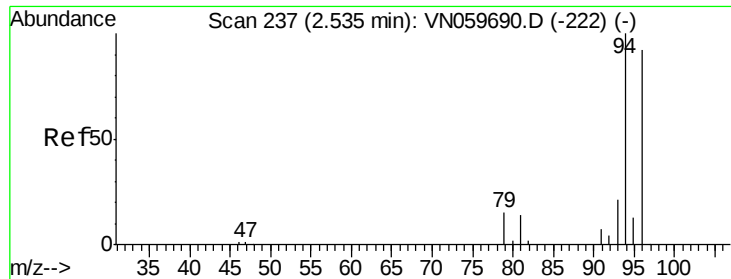
62 100

64 31.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO

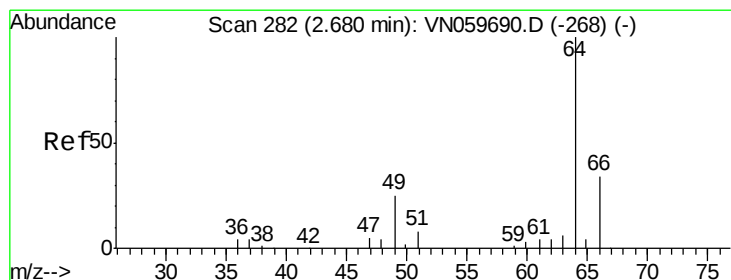
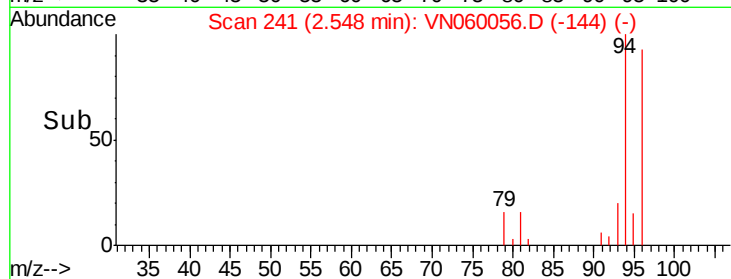
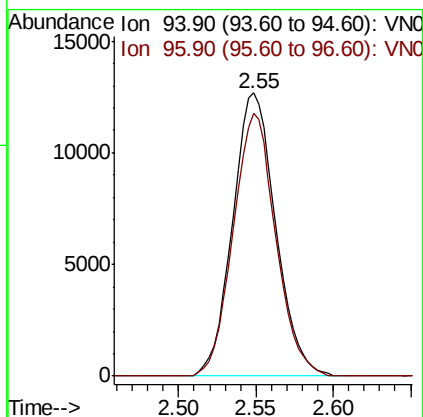
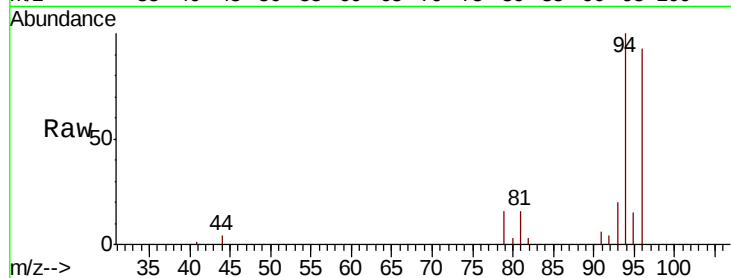




#5
Bromomethane
Concen: 18.354 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

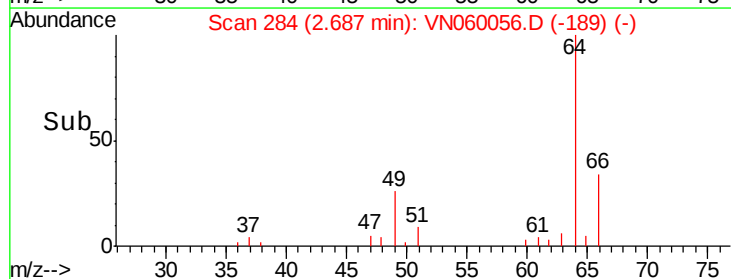
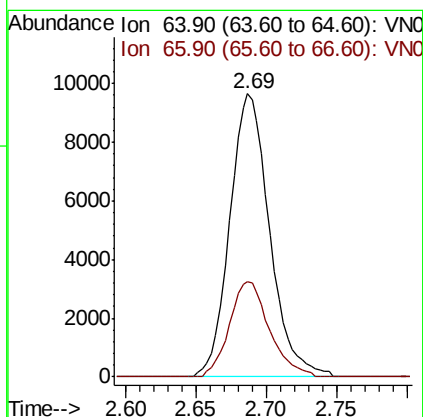
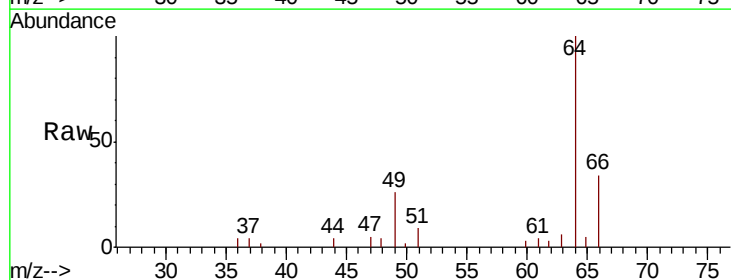
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 24525
Ion Ratio Lower Upper
94 100
96 92.7 74.7 112.1



#6
Chloroethane
Concen: 18.372 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 64 Resp: 19031
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7



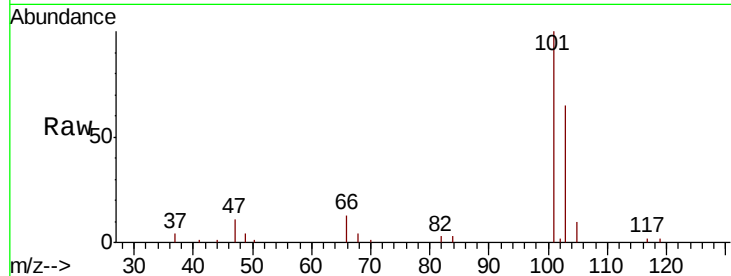


#7

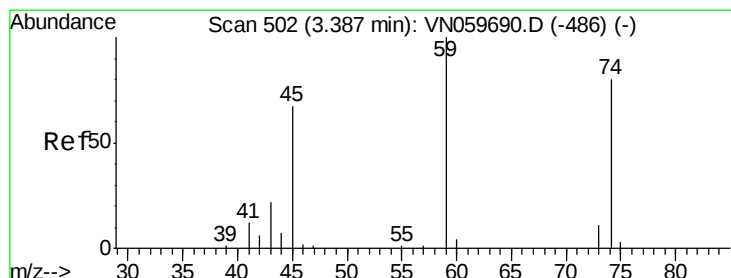
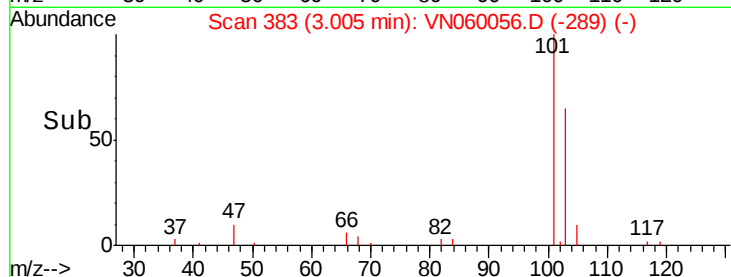
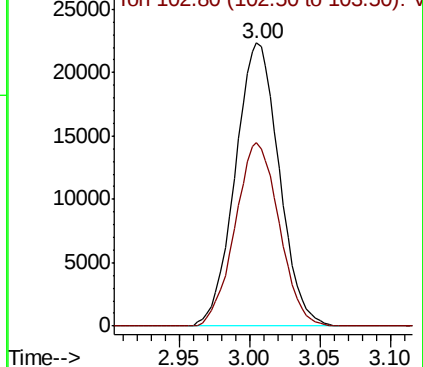
Trichlorofluoromethane
Concen: 18.490 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 48620
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.6



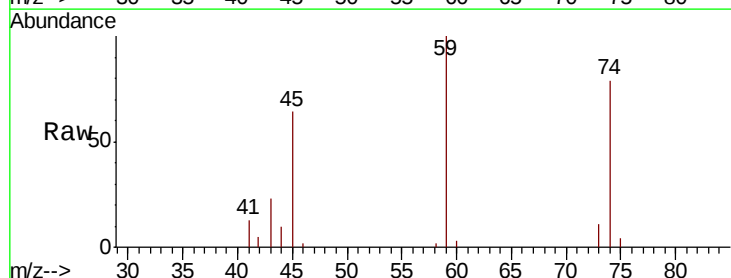
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



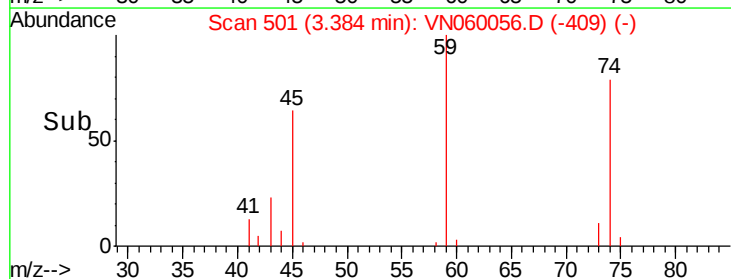
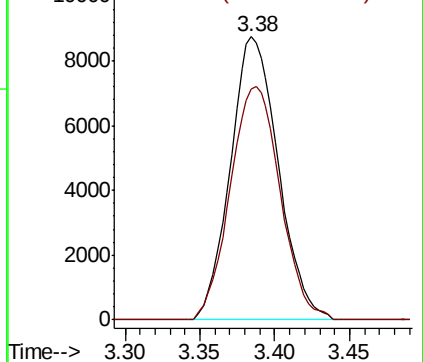
#8

Diethyl Ether
Concen: 21.139 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 74 Resp: 19507
Ion Ratio Lower Upper
74 100
45 85.9 51.9 155.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.691 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

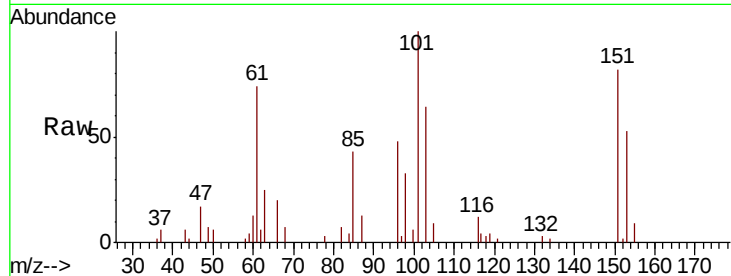
Tot Ion:101 Resp: 28817

Ion Ratio Lower Upper

101 100

85 45.6 36.6 54.8

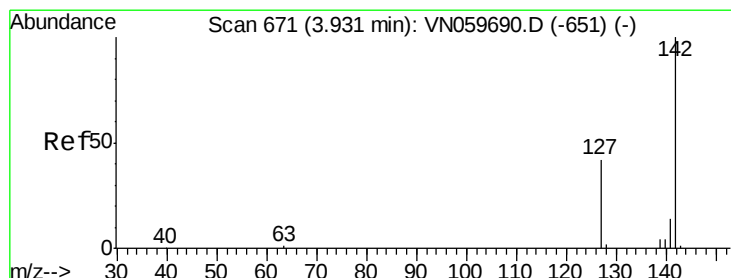
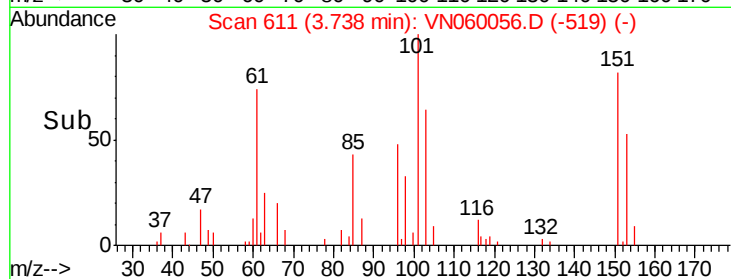
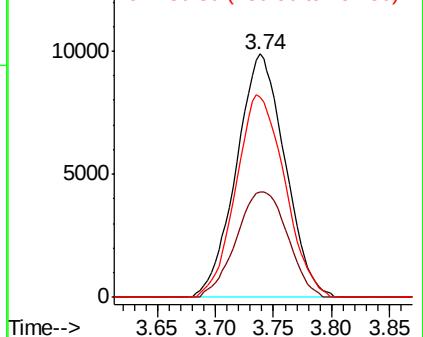
151 83.5 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.288 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060056.D

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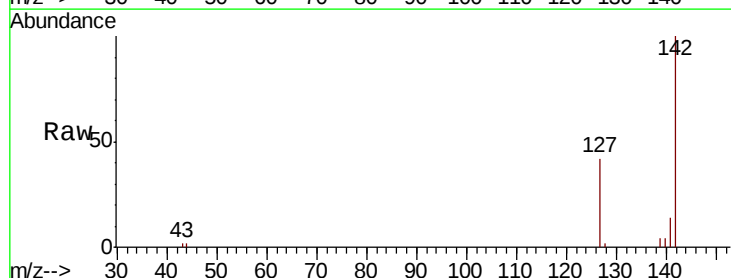
Tgt Ion:142 Resp: 36165

Ion Ratio Lower Upper

142 100

127 42.5 36.7 55.1

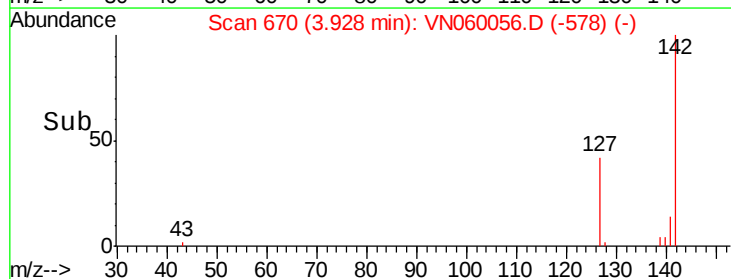
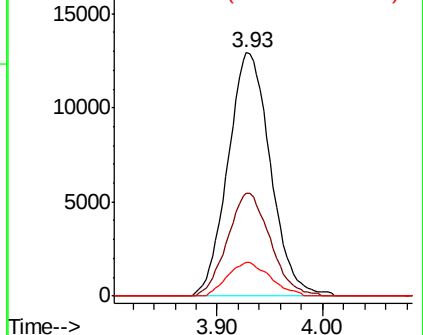
141 14.0 11.7 17.5

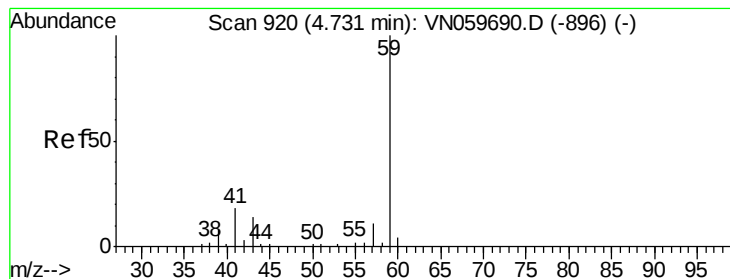


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



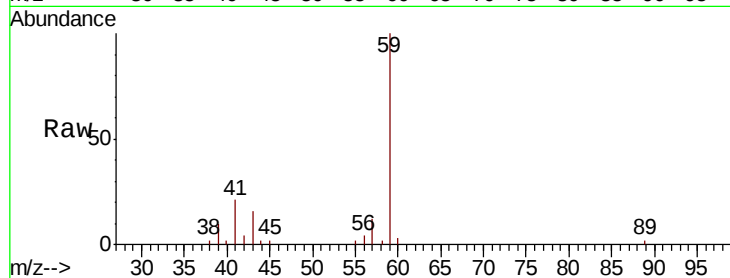


#11

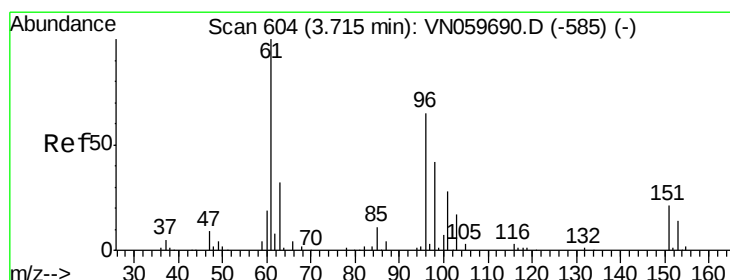
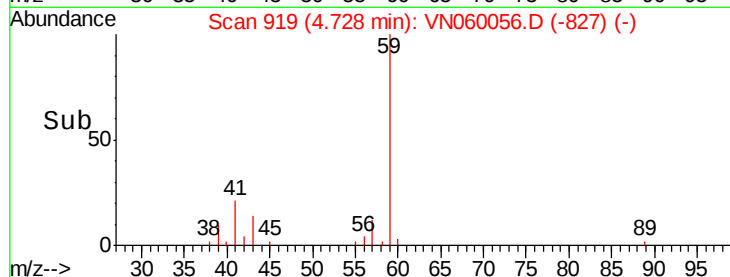
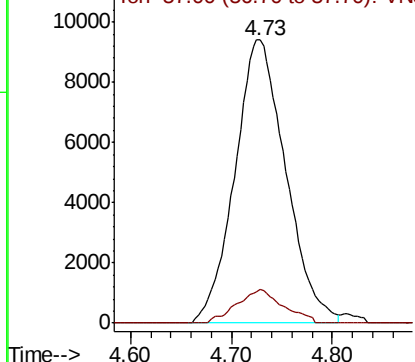
Tert butyl alcohol
Concen: 105.502 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 32968
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



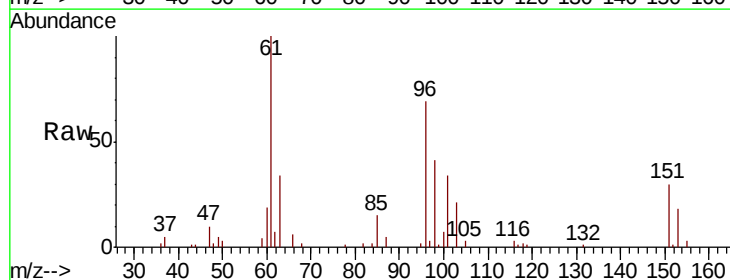
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



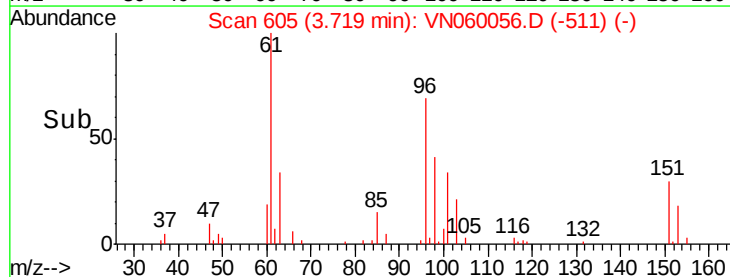
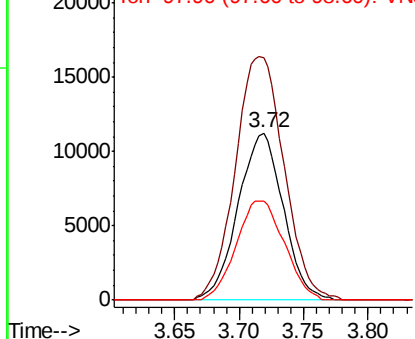
#12

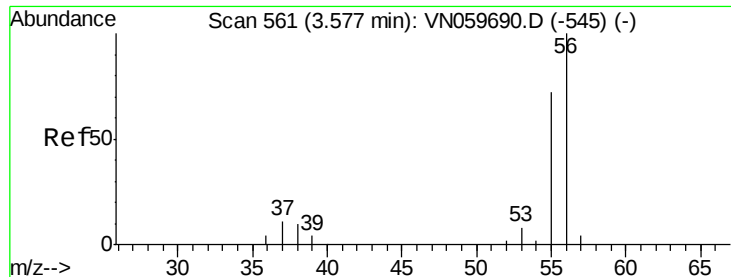
1,1-Dichloroethene
Concen: 17.950 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 96 Resp: 27449
Ion Ratio Lower Upper
96 100
61 144.7 137.5 206.3
98 59.2 50.2 75.4



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





#13

Acrolein

Concen: 83.326 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

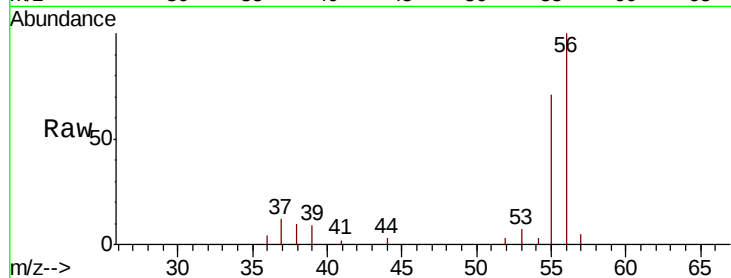
ClientSampled :

Tot Ion: 56 Resp: 18432

Ion Ratio Lower Upper

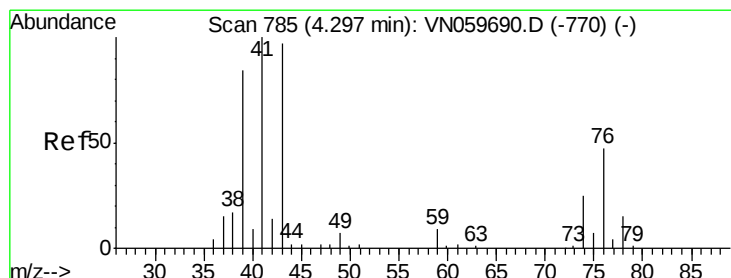
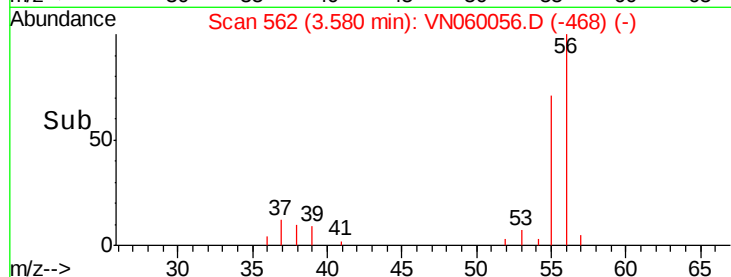
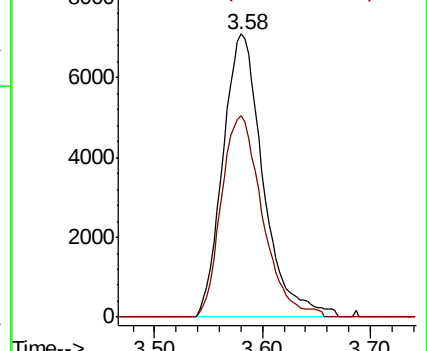
56 100

55 72.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.085 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

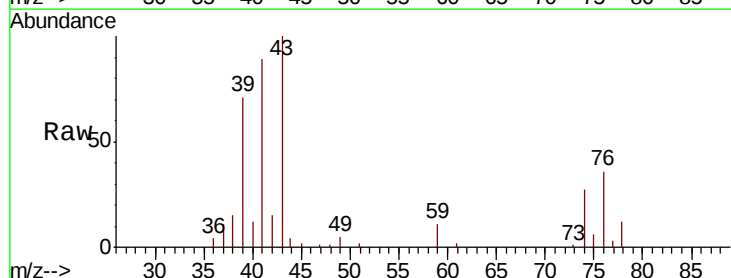
Tgt Ion: 41 Resp: 41400

Ion Ratio Lower Upper

41 100

39 82.4 57.8 86.8

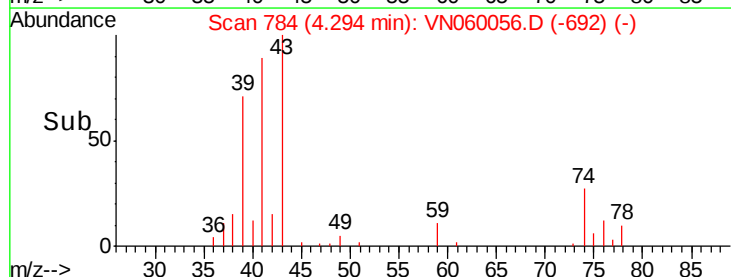
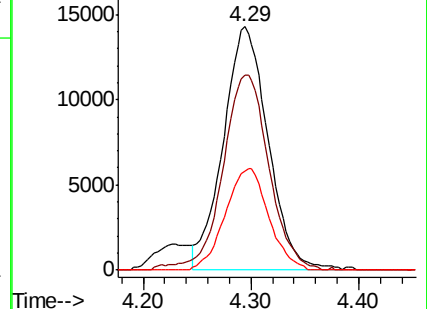
76 40.3 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 110.157 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

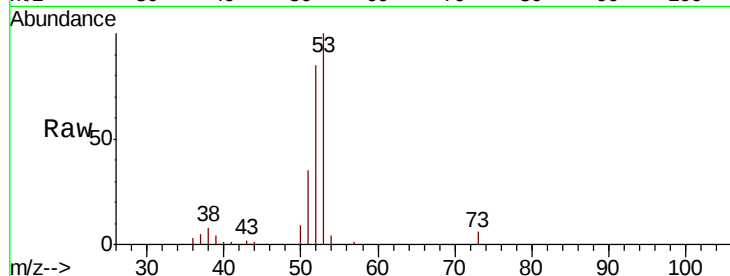
Tot Ion: 53 Resp: 78521

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

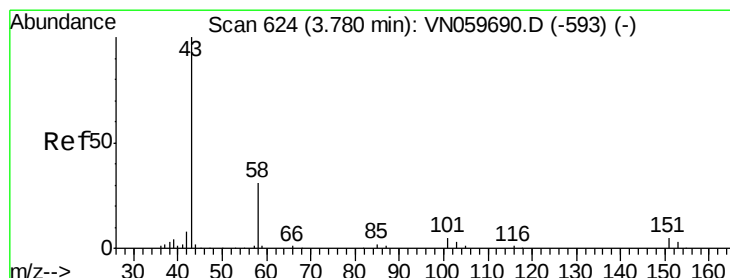
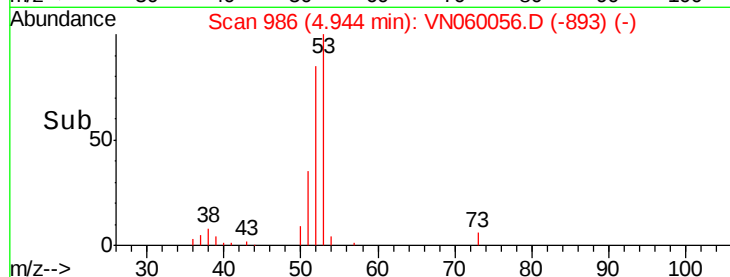
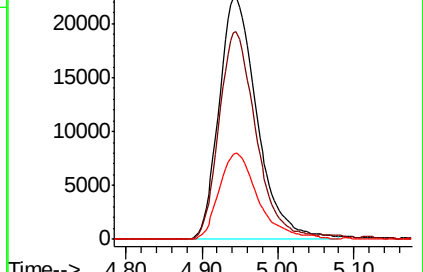
51 35.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN060056.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN060056.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN060056.D (-893) (-)



#16

Acetone

Concen: 125.218 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060056.D

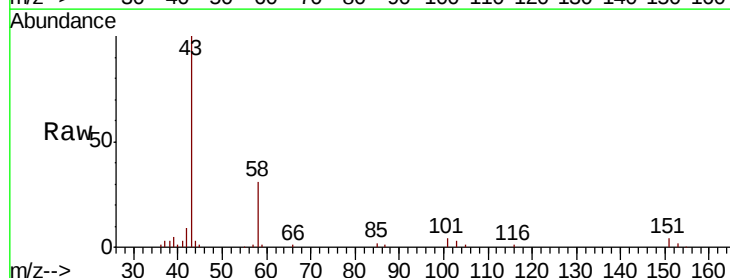
Acq: 11 Feb 2020 11:40

Tgt Ion: 43 Resp: 82440

Ion Ratio Lower Upper

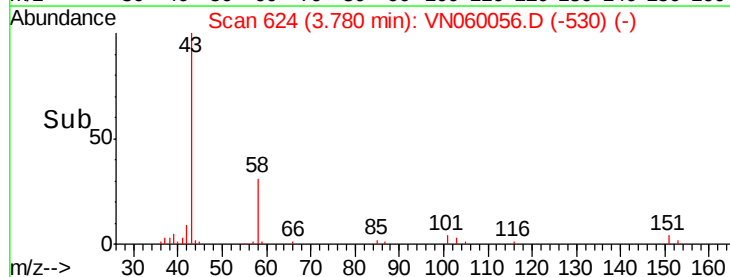
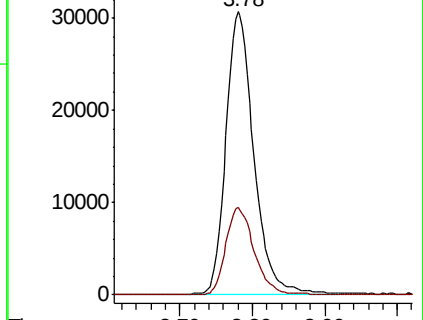
43 100

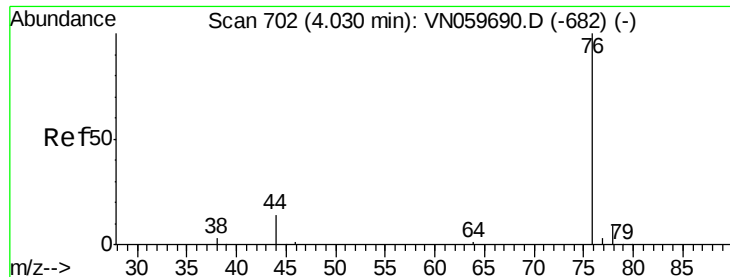
58 31.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN060056.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN060056.D (-530) (-)

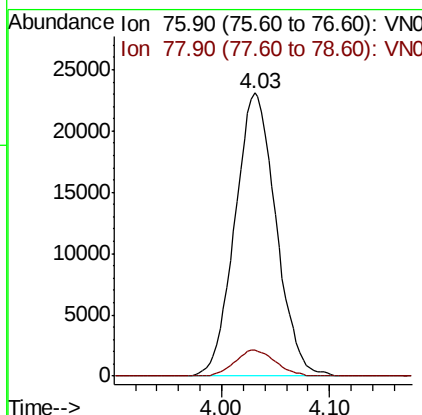
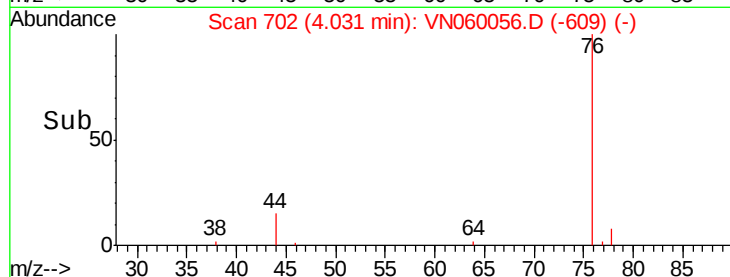
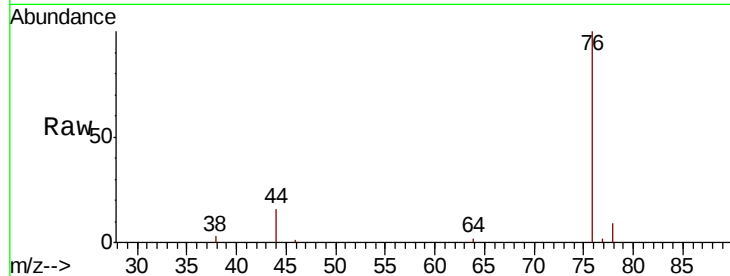




#17
Carbon Disulfide
Concen: 13.986 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

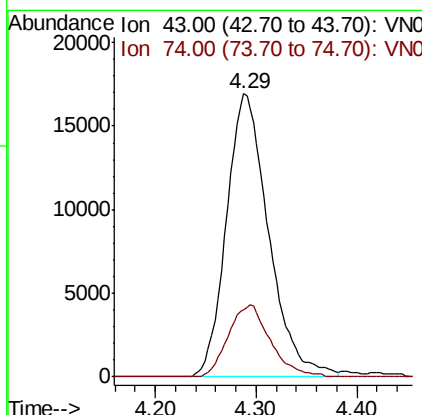
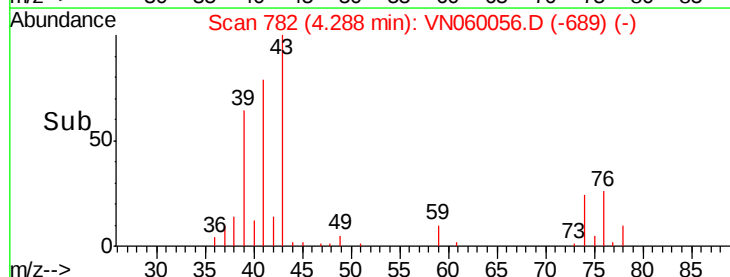
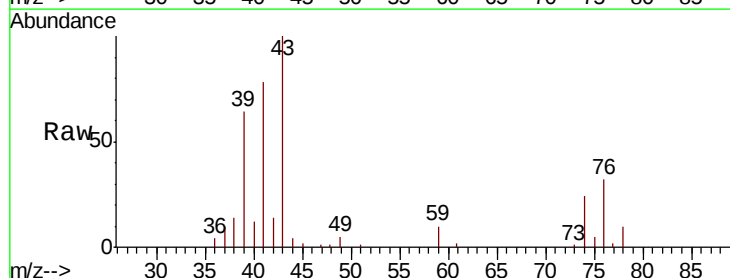
Instrument :
MSVOA_N
ClientSampled :

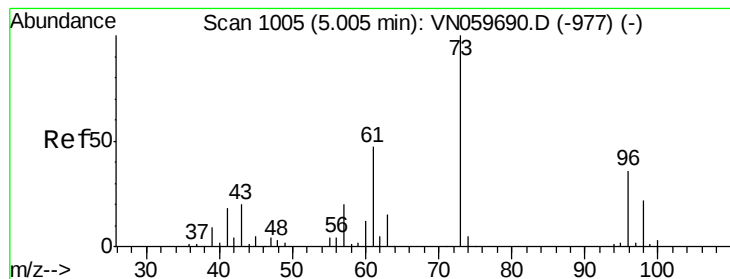
Tot Ion: 76 Resp: 60929
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 22.725 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 43 Resp: 49272
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3



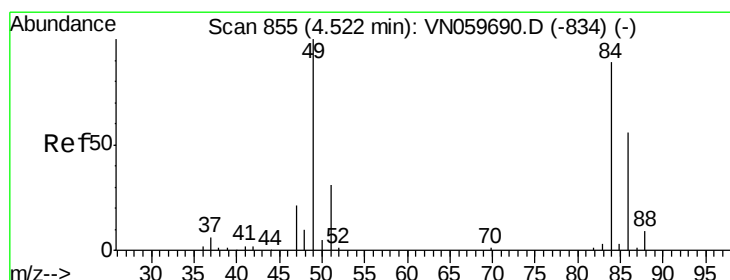
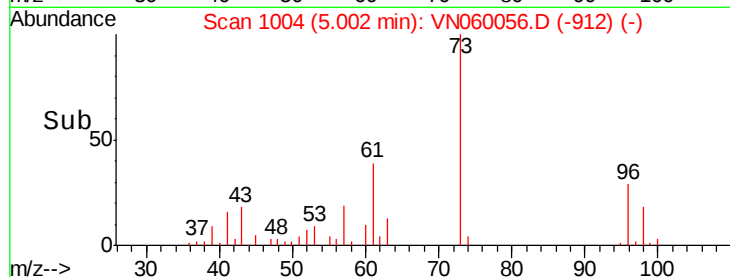
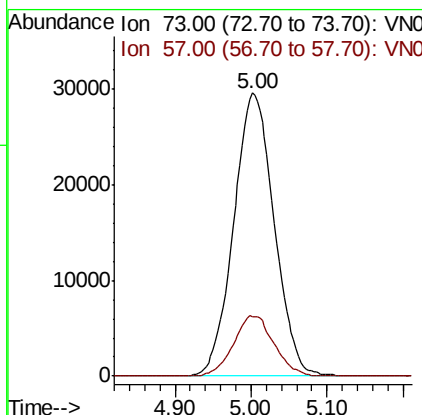
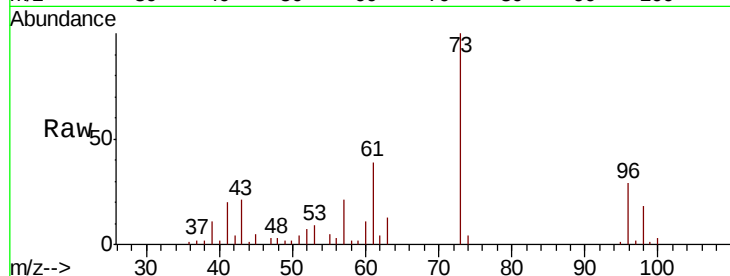


#19

Methyl tert-butyl Ether
 Concen: 21.984 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :

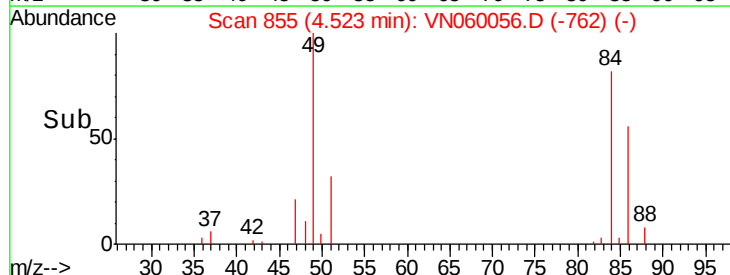
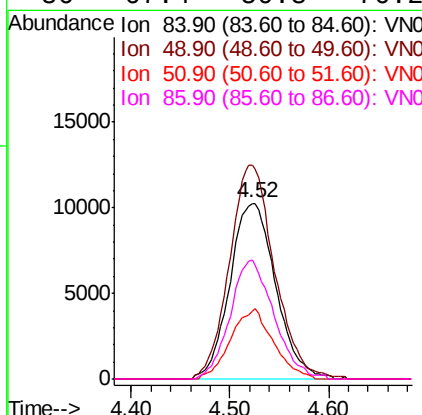
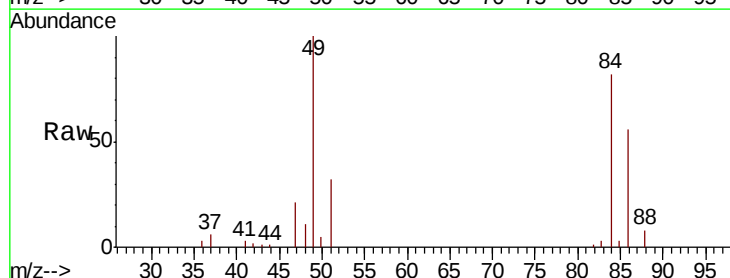
Tot Ion: 73 Resp: 109611
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.6 27.8

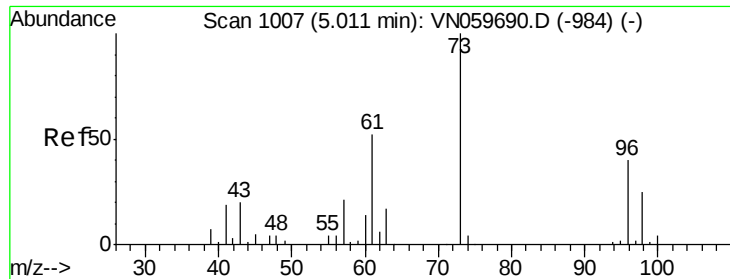


#20

Methylene Chloride
 Concen: 18.926 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 84 Resp: 33134
 Ion Ratio Lower Upper
 84 100
 49 121.4 106.6 160.0
 51 38.7 31.9 47.9
 86 67.4 50.8 76.2

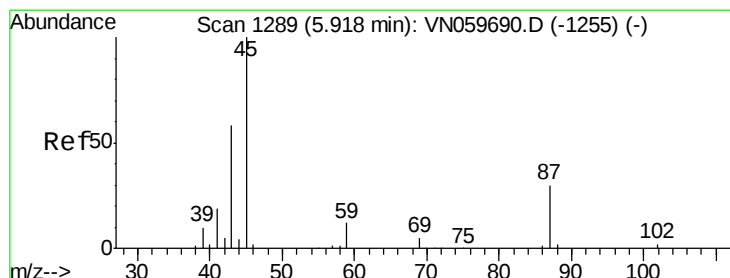
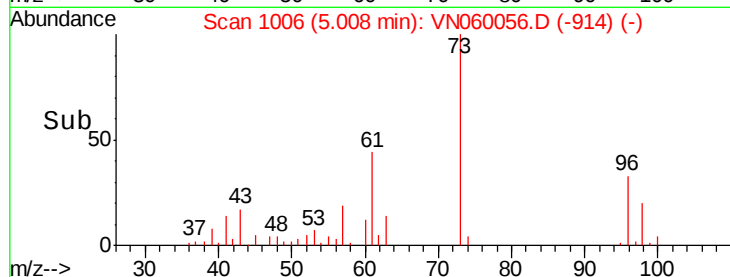
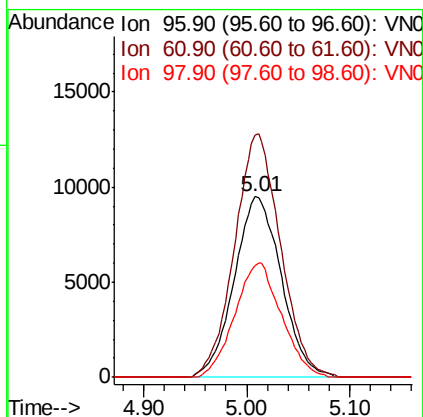
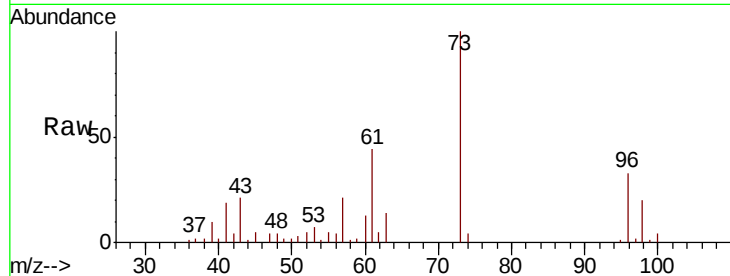




#21
trans-1,2-Dichloroethene
Concen: 18.594 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

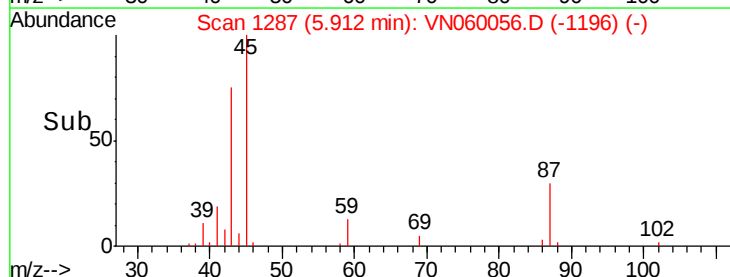
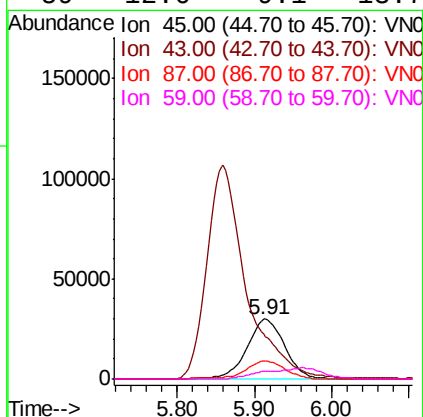
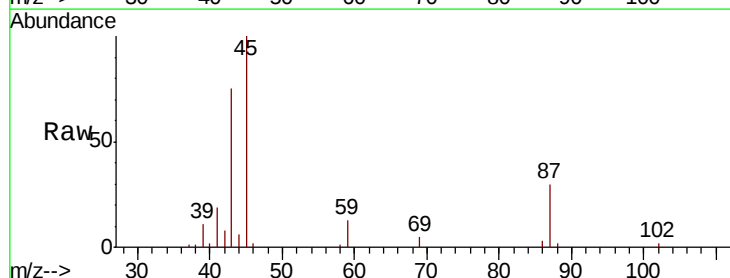
Instrument :
MSVOA_N
ClientSampleId :

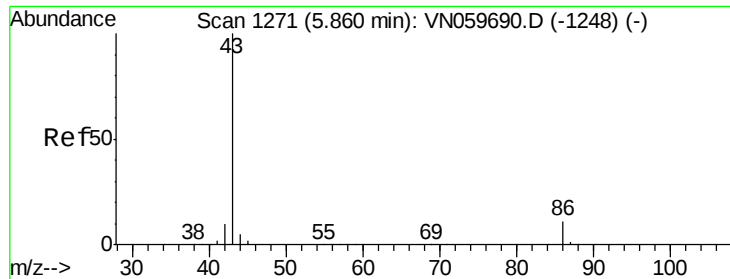
Tot Ion: 96 Resp: 30226
Ion Ratio Lower Upper
96 100
61 134.5 120.4 180.6
98 61.9 50.6 75.8



#22
Diisopropyl ether
Concen: 21.850 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 45 Resp: 102064
Ion Ratio Lower Upper
45 100
43 72.4 50.8 76.2
87 30.1 21.0 31.6
59 12.6 9.1 13.7





#23

Vinyl Acetate

Concen: 104.897 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

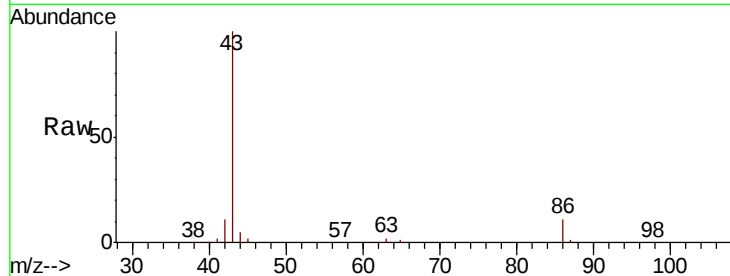
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 379370

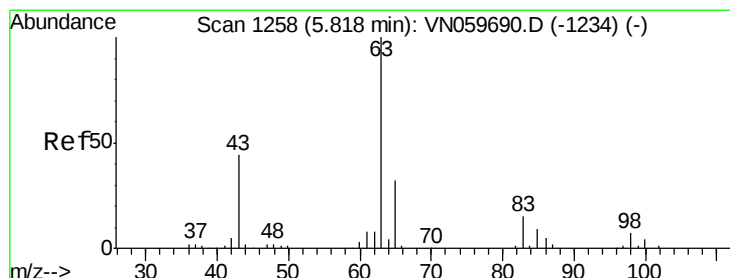
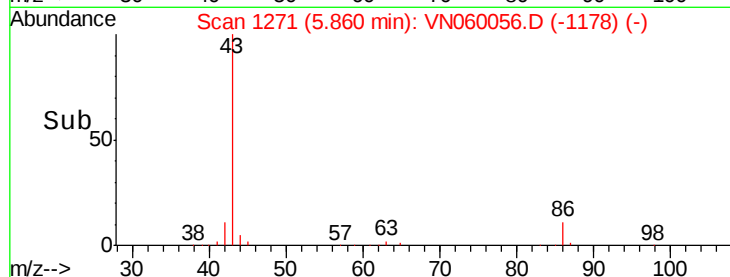
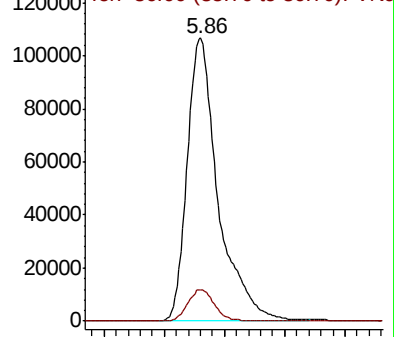
Ion Ratio Lower Upper

43 100

86 11.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.630 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

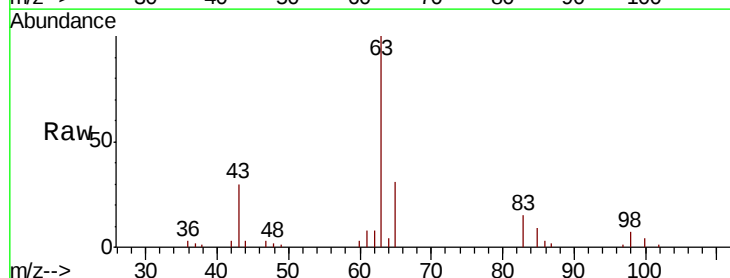
Tgt Ion: 63 Resp: 58881

Ion Ratio Lower Upper

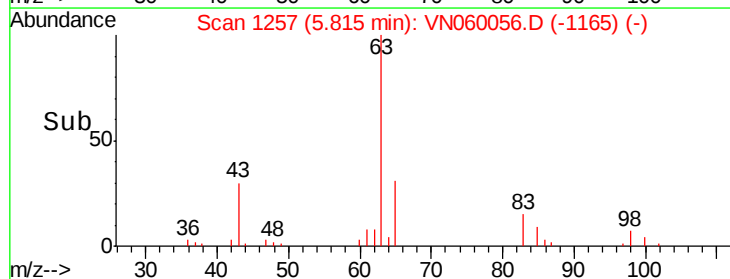
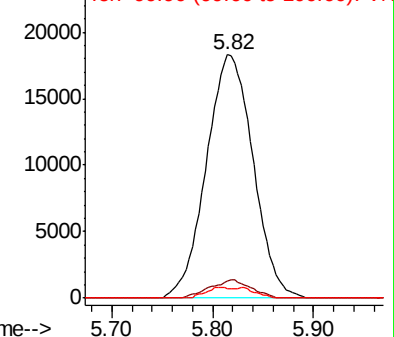
63 100

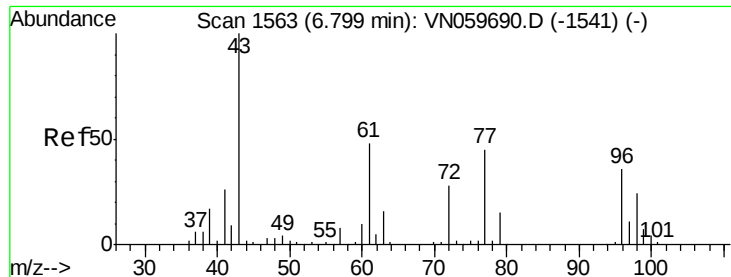
98 7.1 2.9 8.7

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 106.124 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

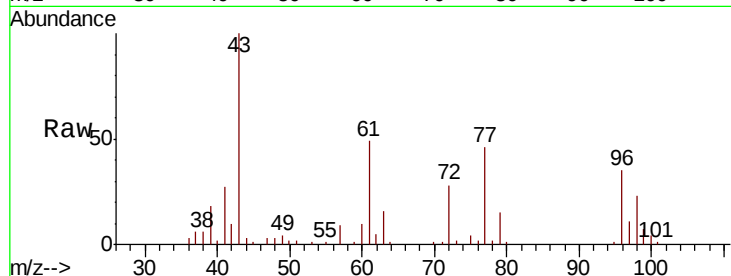
ClientSampled :

Tot Ion: 43 Resp: 111555

Ion Ratio Lower Upper

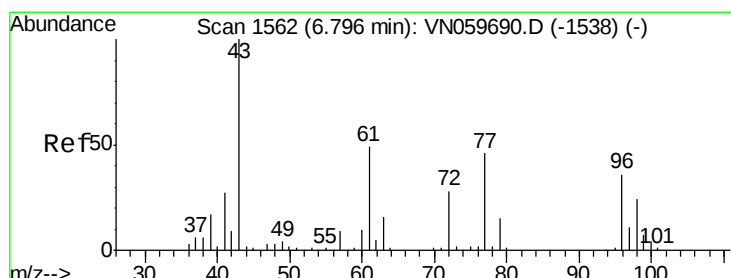
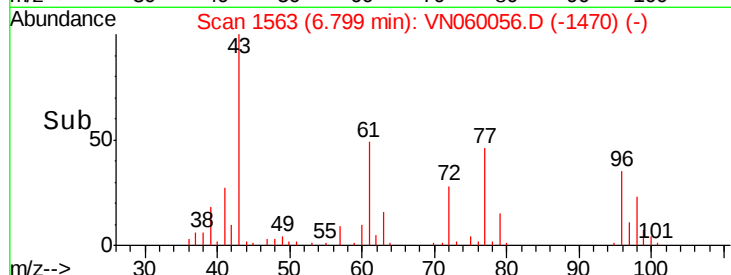
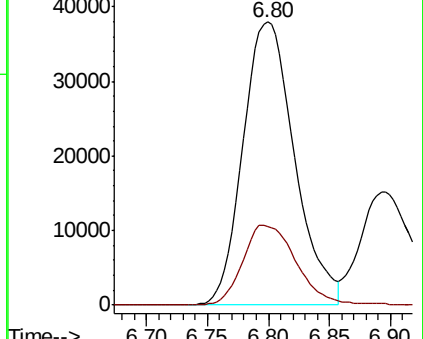
43 100

72 27.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.338 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060056.D

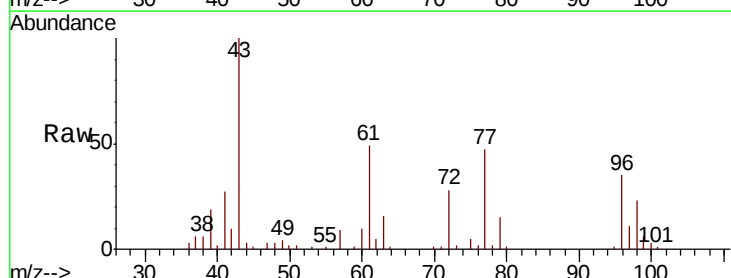
Acq: 11 Feb 2020 11:40

Tgt Ion: 77 Resp: 55806

Ion Ratio Lower Upper

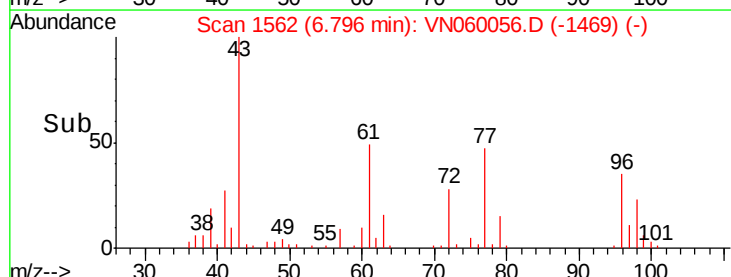
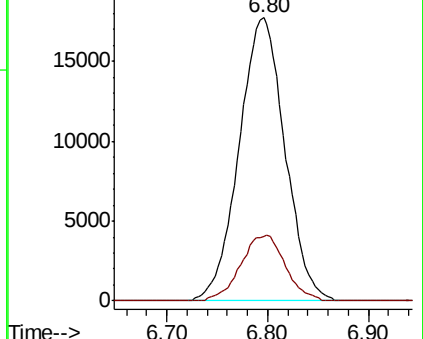
77 100

97 22.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

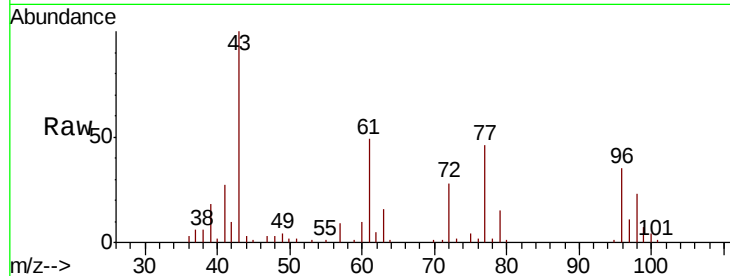




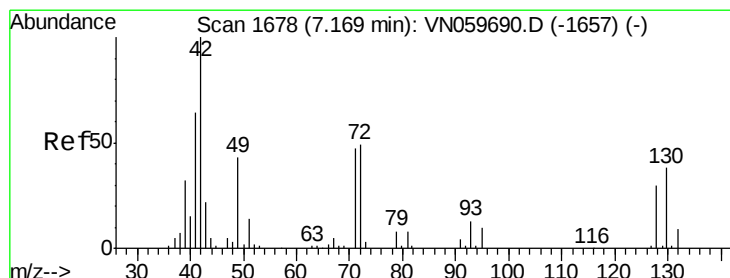
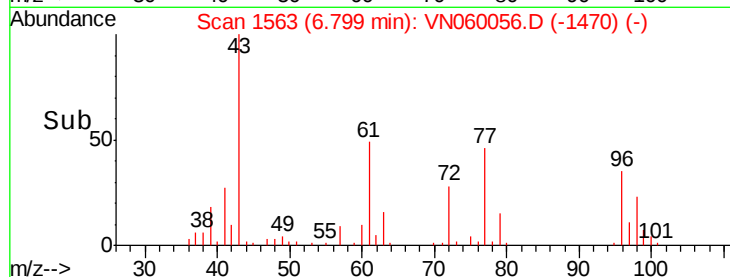
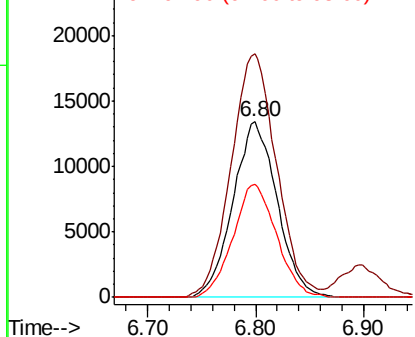
#27
 cis-1,2-Dichloroethene
 Concen: 20.457 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 38248
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 317.6
 98 63.4 0.0 127.0

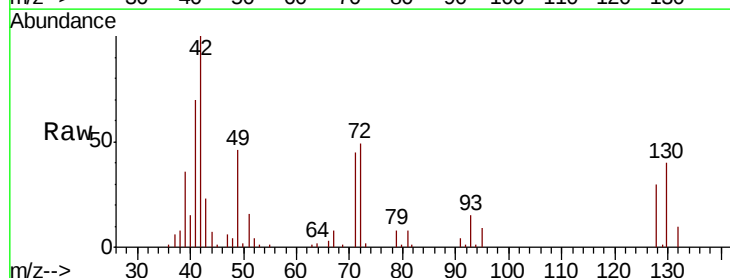


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

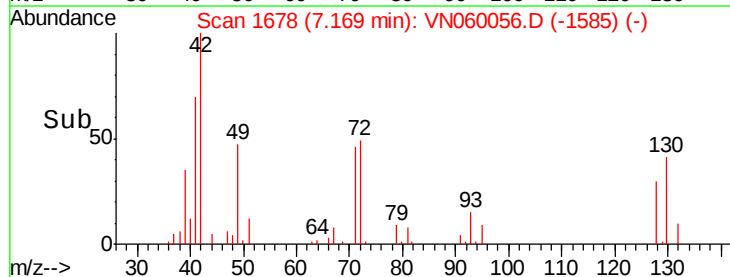
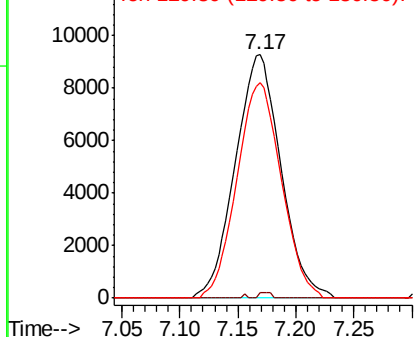


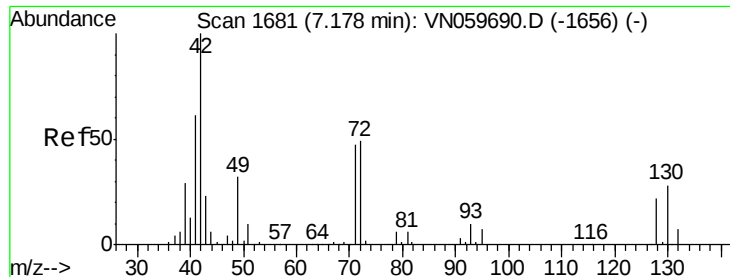
#28
 Bromochloromethane
 Concen: 22.239 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 49 Resp: 25370
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.4
 130 86.0 54.7 82.1#



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

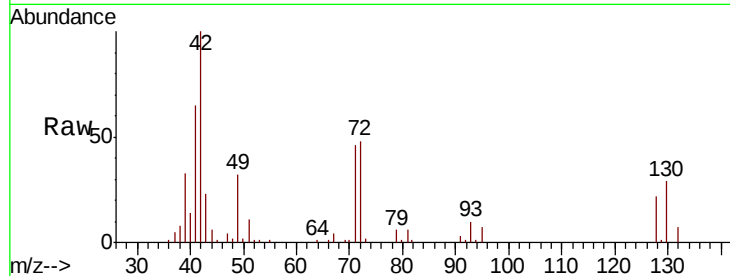




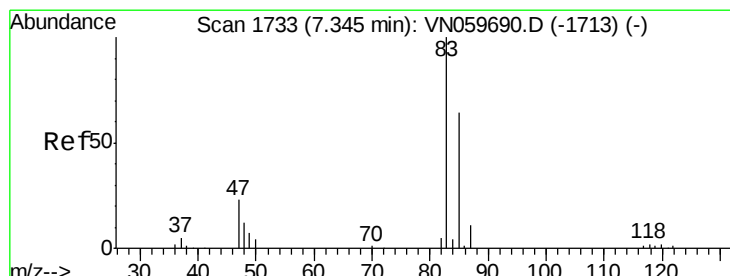
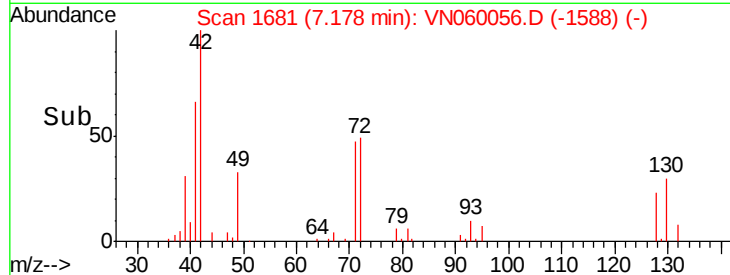
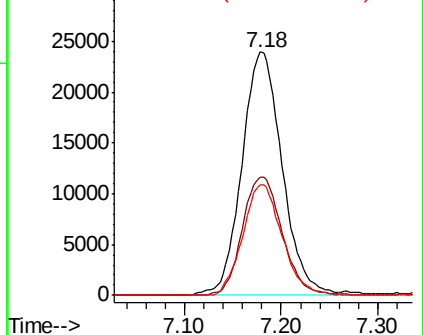
#29
Tetrahydrofuran
Concen: 106.671 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 69377
Ion Ratio Lower Upper
42 100
72 47.9 33.1 49.7
71 44.5 31.4 47.0

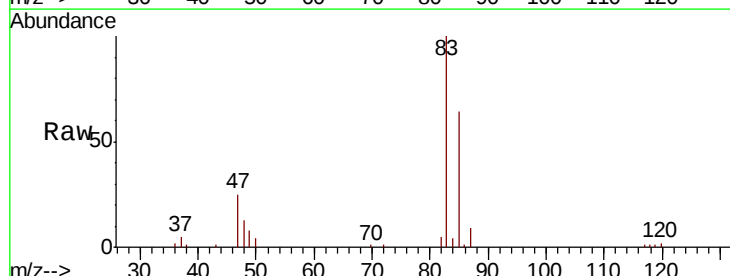


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

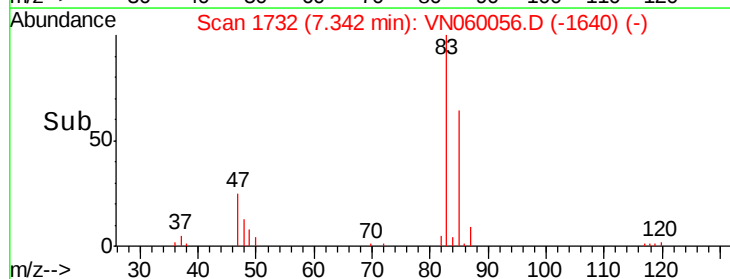
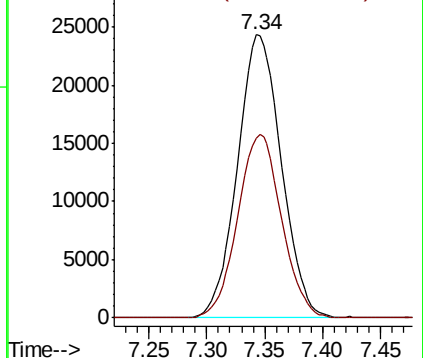


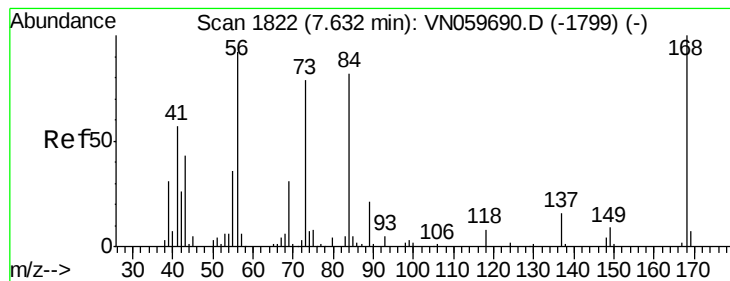
#30
Chloroform
Concen: 21.662 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 83 Resp: 64062
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6



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





#31

Cyclohexane

Concen: 17.332 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

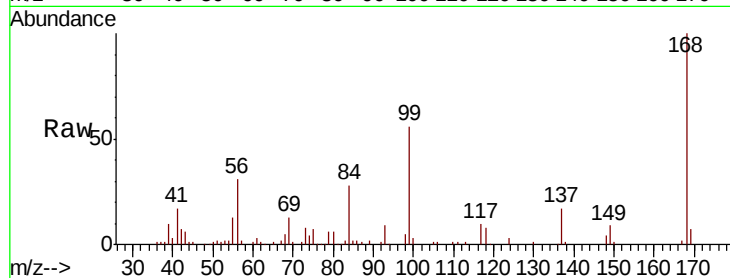
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 56 Resp: 47601

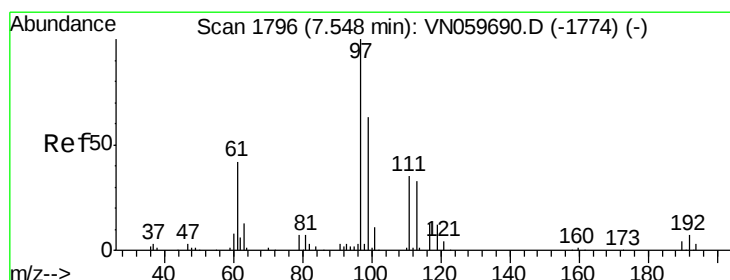
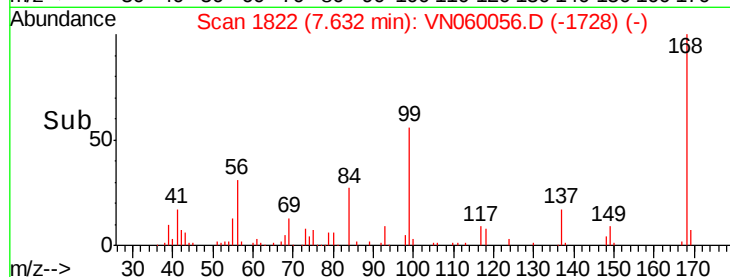
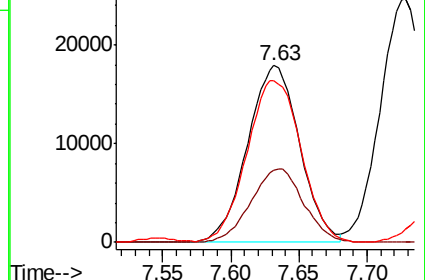
Ion	Ratio	Lower	Upper
56	100		
69	40.6	26.5	39.7#
84	90.5	65.3	97.9



Abundance Ion 56.00 (55.70 to 56.70): VN060056.D (-1799) (-)

Ion 69.00 (68.70 to 69.70): VN060056.D (-1799) (-)

Ion 84.00 (83.70 to 84.70): VN060056.D (-1799) (-)



#32

1,1,1-Trichloroethane

Concen: 20.441 ug/l

RT: 7.54 min Scan# 1795

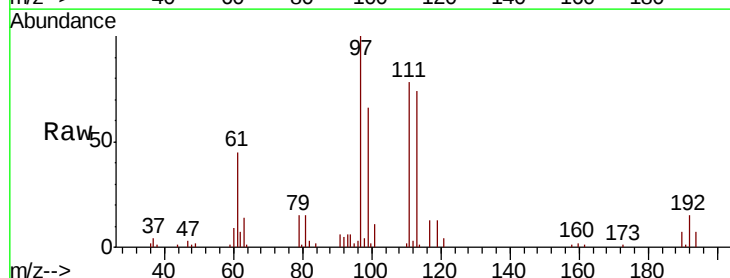
Delta R.T. -0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Tgt Ion: 97 Resp: 55891

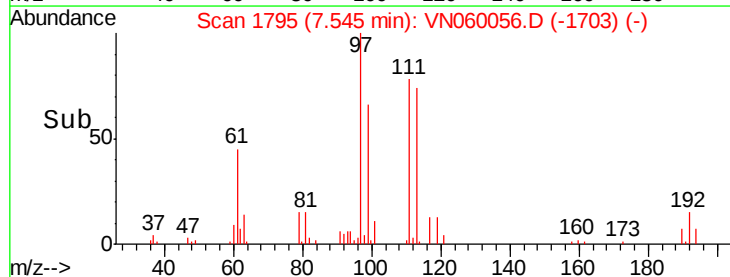
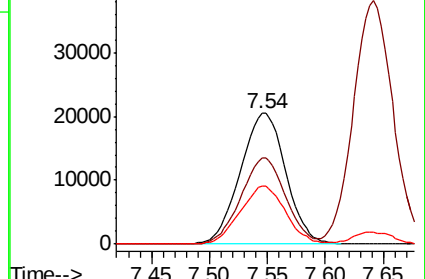
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	44.4	38.5	57.7

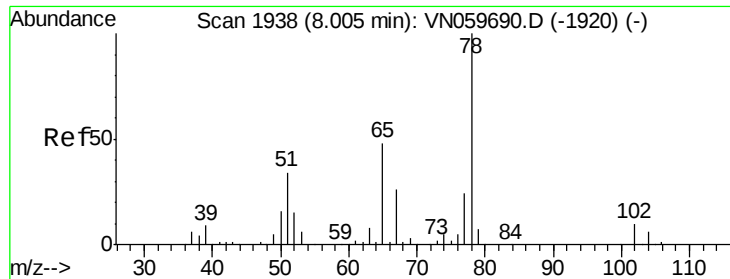


Abundance Ion 96.90 (96.60 to 97.60): VN060056.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN060056.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN060056.D (-1774) (-)

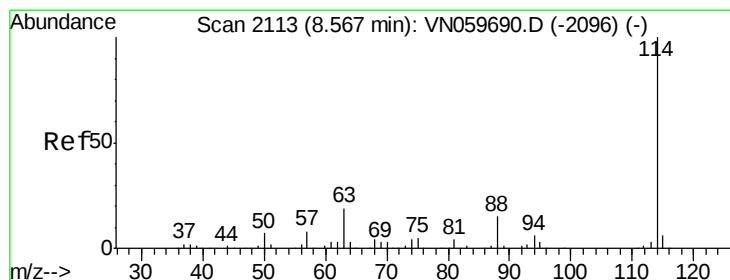
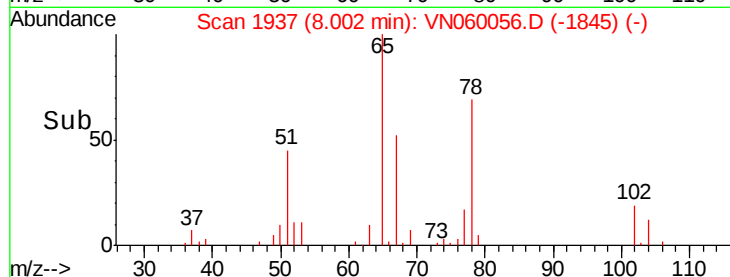
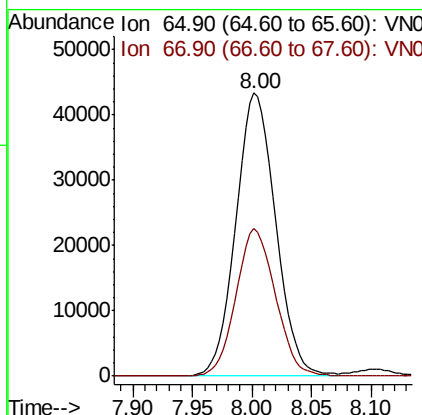
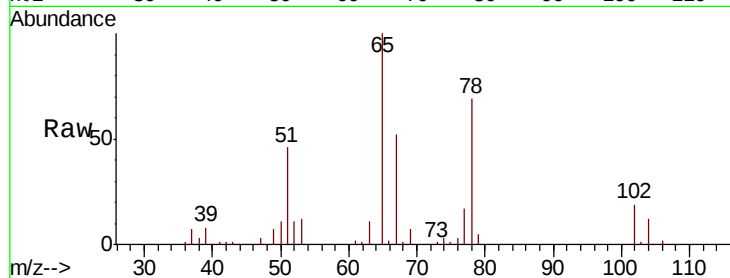




#33
 1,2-Dichloroethane-d4
 Concen: 54.204 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

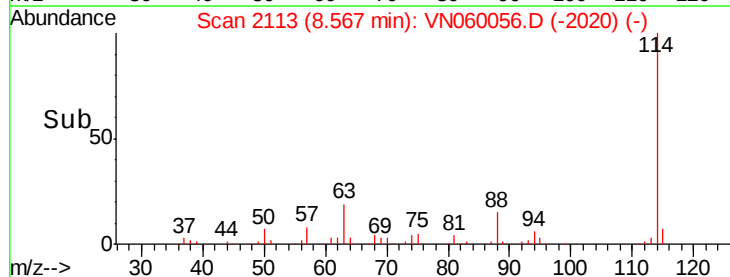
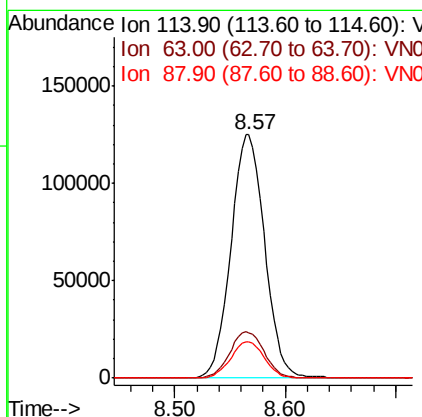
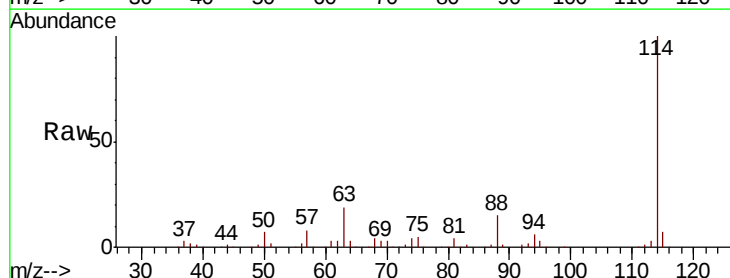
Instrument :
 MSVOA_N
 ClientSampled :

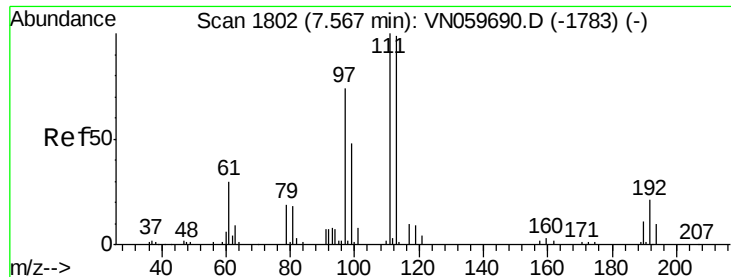
Tot Ion: 65 Resp: 100615
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 114 Resp: 264661
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.6
 88 15.2 0.0 31.4

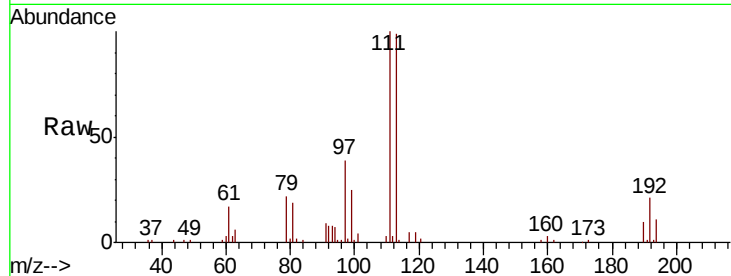




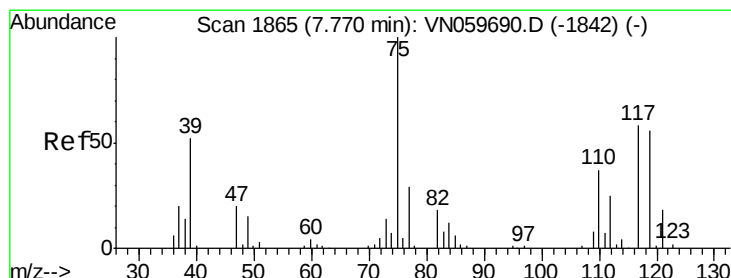
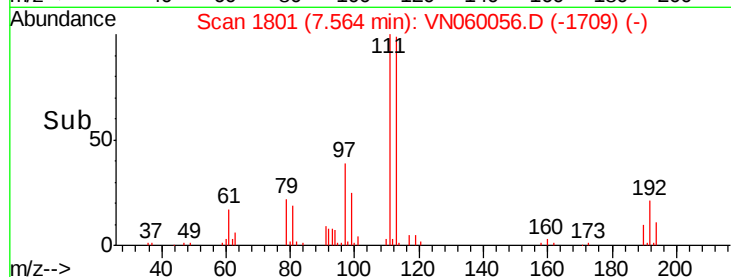
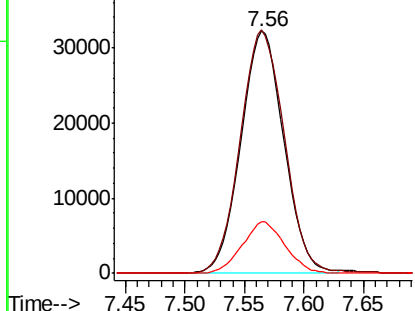
#35
 Dibromofluoromethane
 Concen: 50.942 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 80401
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.5 125.3
 192 21.1 15.4 23.2

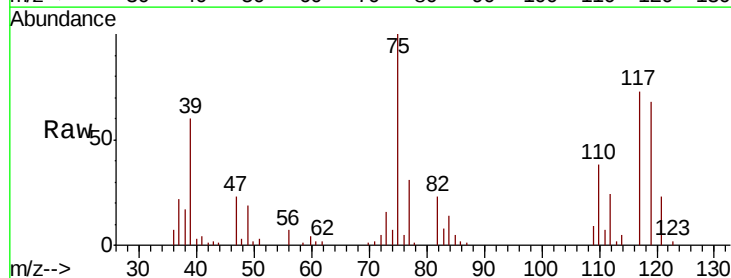


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

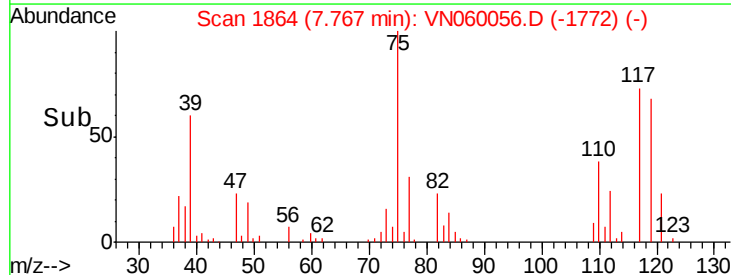
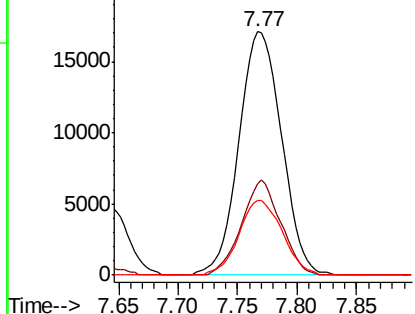


#36
 1,1-Dichloropropene
 Concen: 18.471 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 75 Resp: 42571
 Ion Ratio Lower Upper
 75 100
 110 35.7 16.6 49.7
 77 31.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

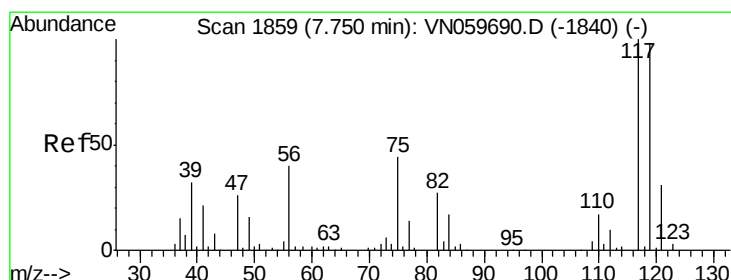
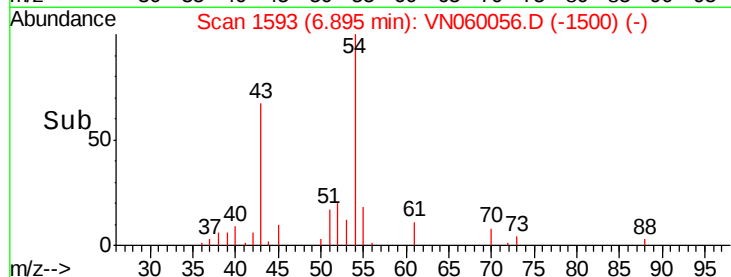
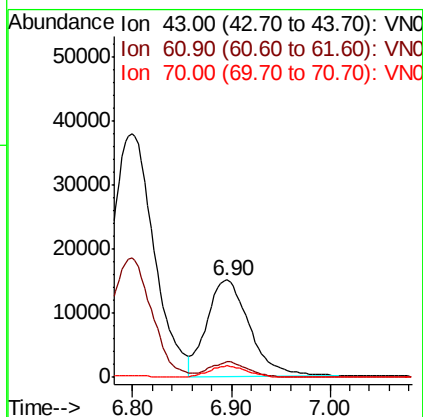
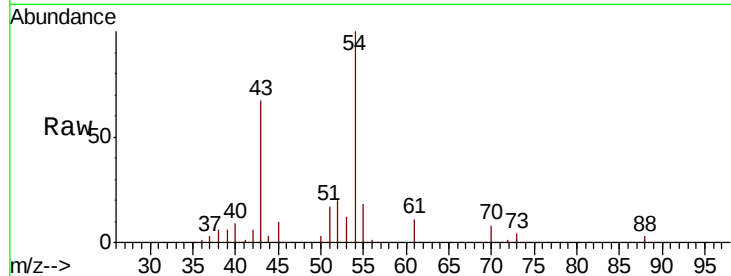




#37
Ethyl Acetate
Concen: 20.956 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

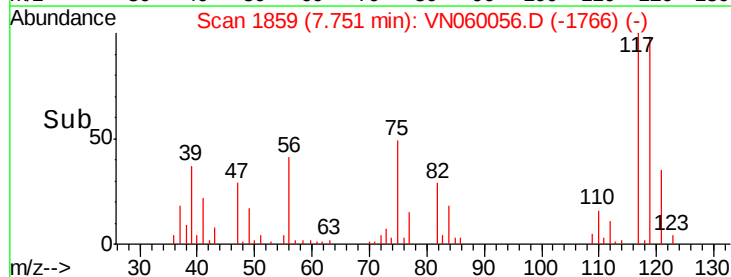
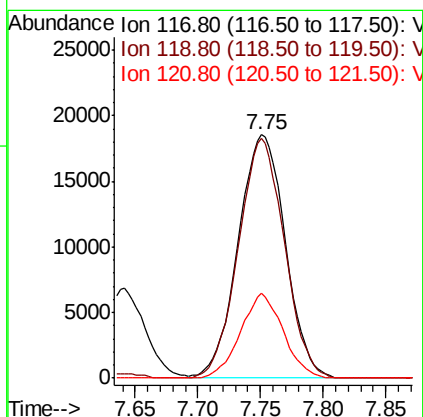
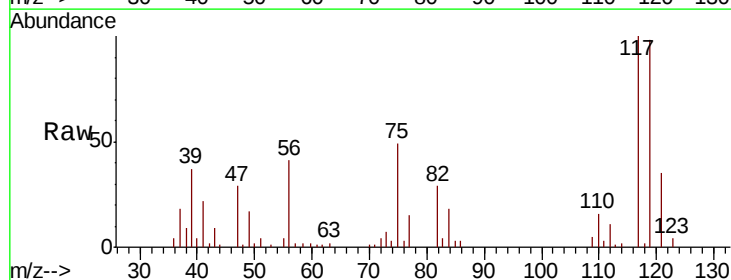
Instrument :
MSVOA_N
ClientSampled :

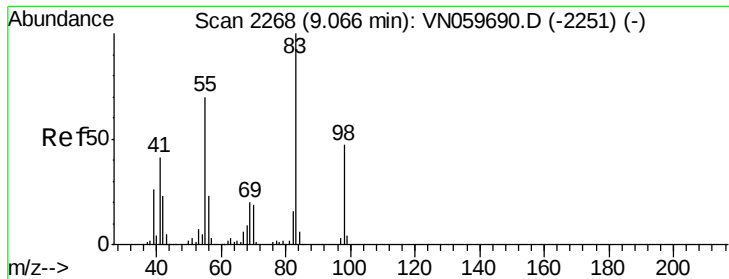
Tot Ion: 43 Resp: 45299
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.361 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 117 Resp: 48540
Ion Ratio Lower Upper
117 100
119 98.2 76.5 114.7
121 34.6 25.1 37.7

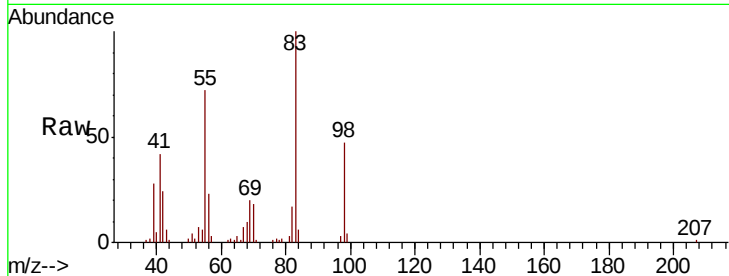




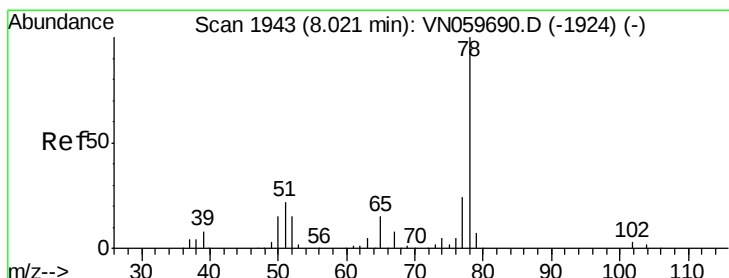
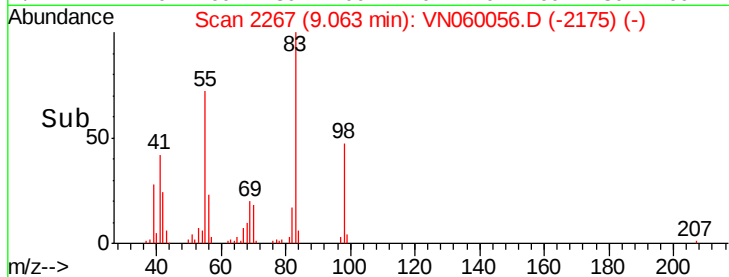
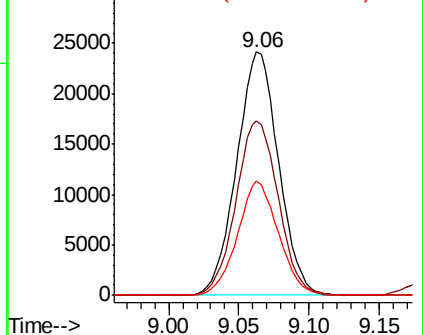
#39
Methvlcvclohexane
Concen: 17.693 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 50281
Ion Ratio Lower Upper
83 100
55 71.8 64.2 96.2
98 46.9 35.9 53.9

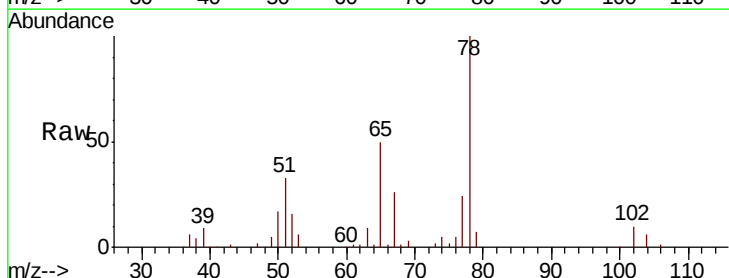


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

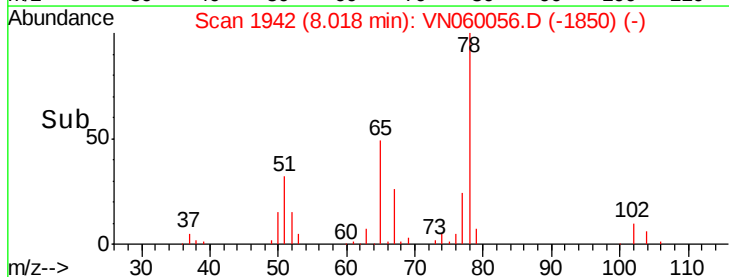
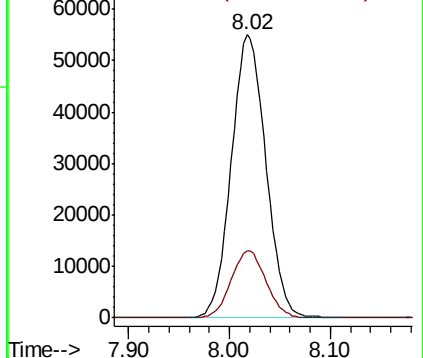


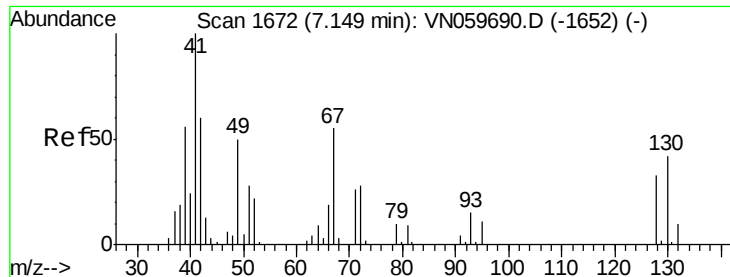
#40
Benzene
Concen: 18.992 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 78 Resp: 130542
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



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

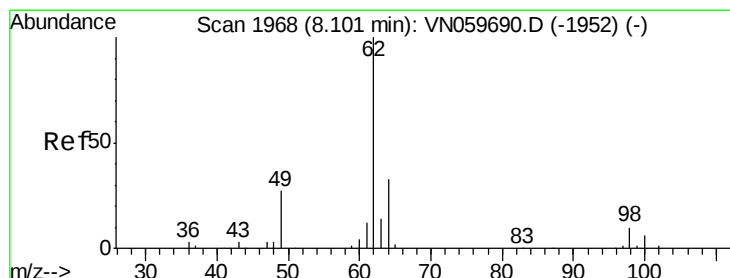
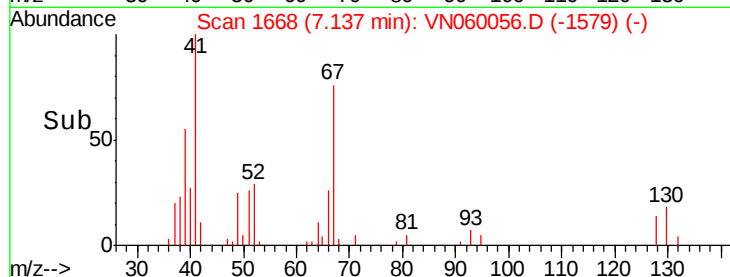
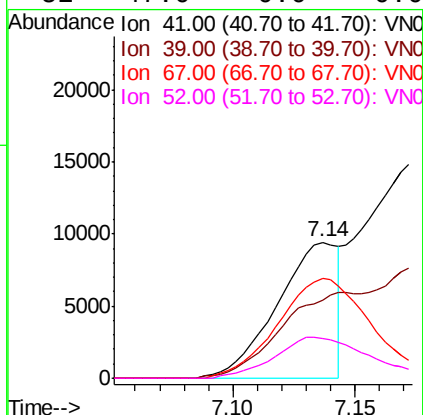
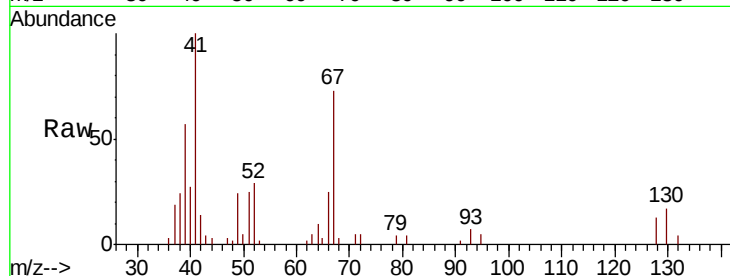




#41
Methacrylonitrile
Concen: 15.414 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

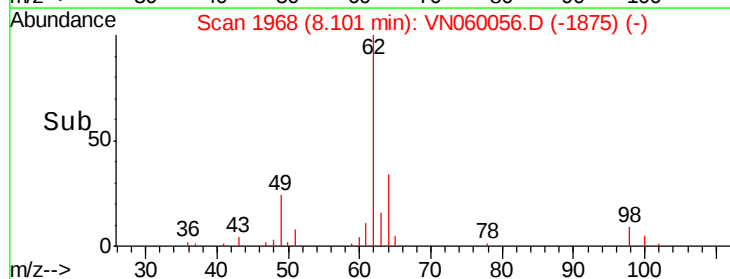
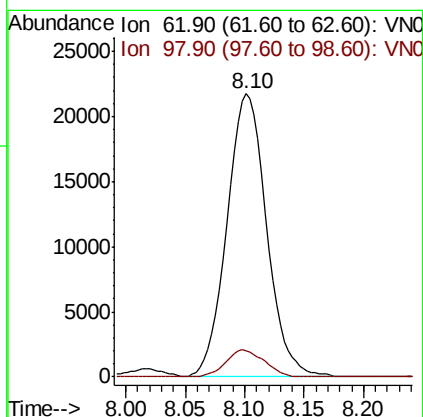
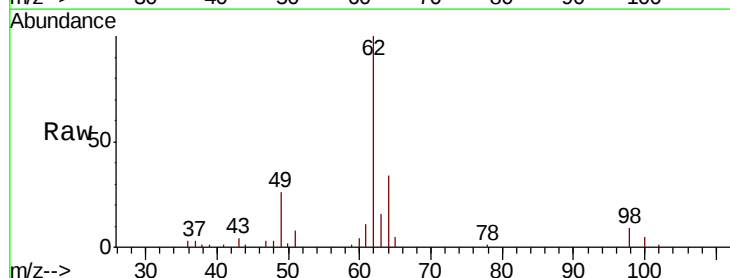
Instrument :
MSVOA_N
ClientSampled :

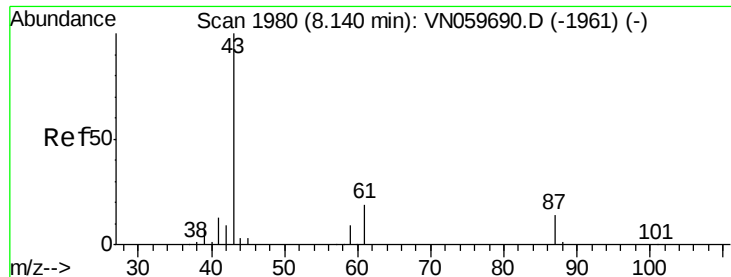
Tot Ion: 41 Resp: 16412
Ion Ratio Lower Upper
41 100
39 74.6 0.0 0.0#
67 114.0 0.0 0.0#
52 47.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 21.560 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 62 Resp: 50246
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 20.488 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

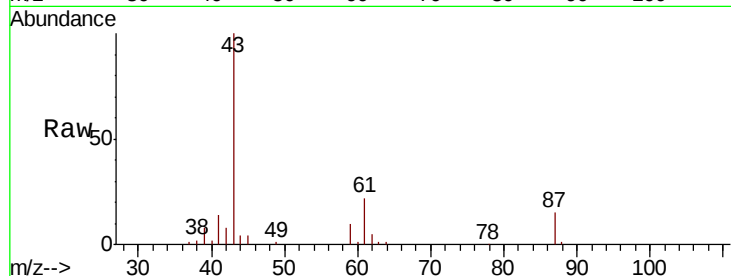
Tot Ion: 43 Resp: 76179

Ion Ratio Lower Upper

43 100

61 27.0 20.2 30.2

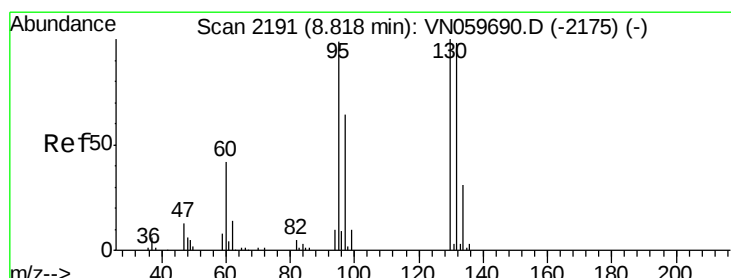
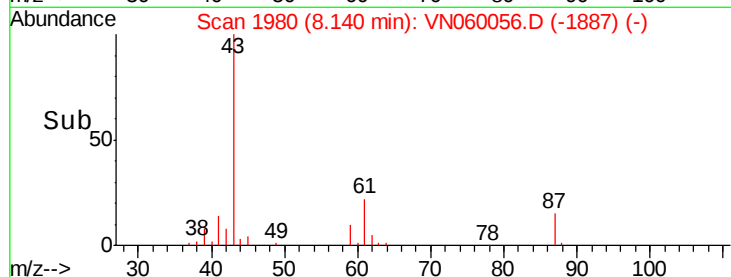
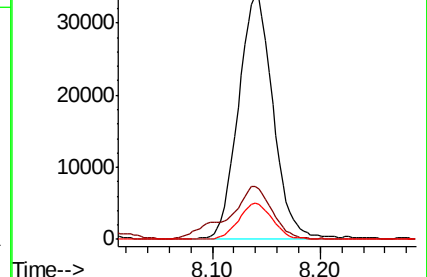
87 14.3 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060056.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060056.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060056.D (-1887) (-)



#44

Trichloroethene

Concen: 19.602 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060056.D

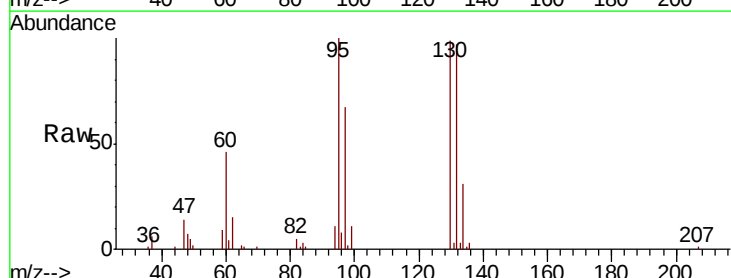
Acq: 11 Feb 2020 11:40

Tgt Ion:130 Resp: 36781

Ion Ratio Lower Upper

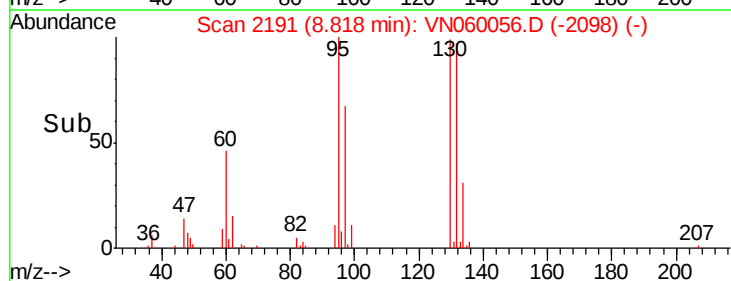
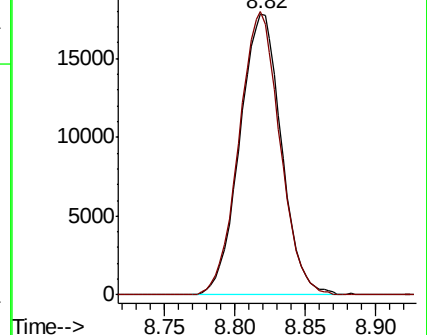
130 100

95 100.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN060056.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060056.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 21.351 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

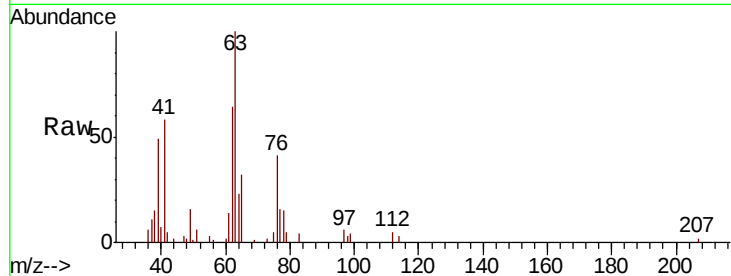
ClientSampled :

Tot Ion: 63 Resp: 36316

Ion Ratio Lower Upper

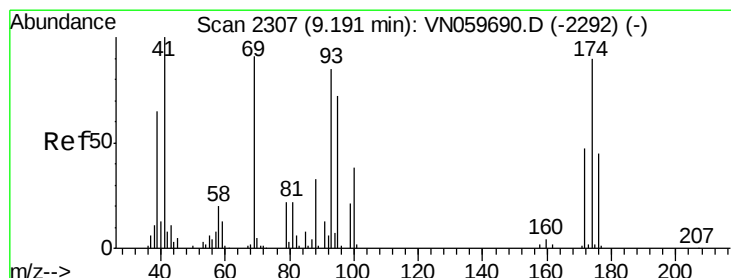
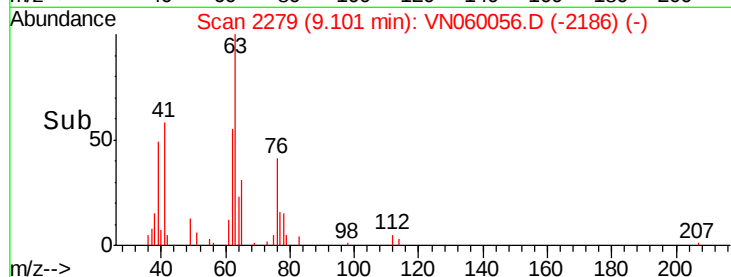
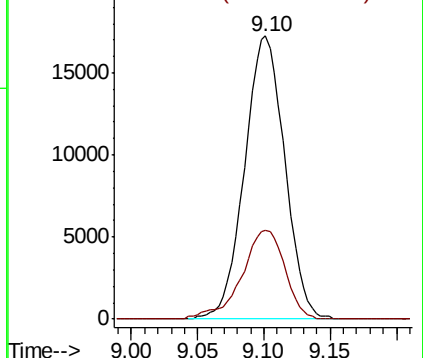
63 100

65 31.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.027 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

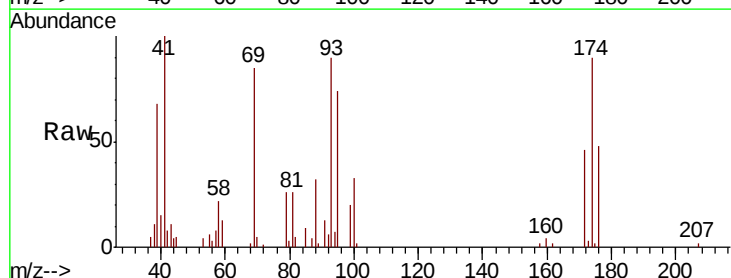
Tgt Ion: 93 Resp: 25228

Ion Ratio Lower Upper

93 100

95 84.8 67.0 100.6

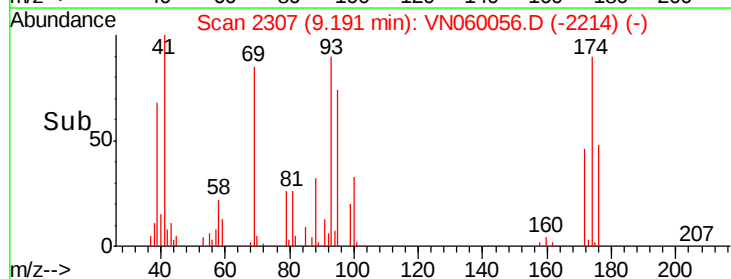
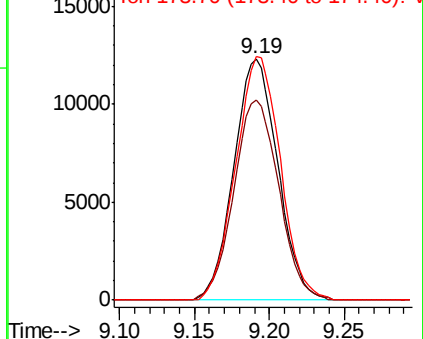
174 102.3 73.4 110.2

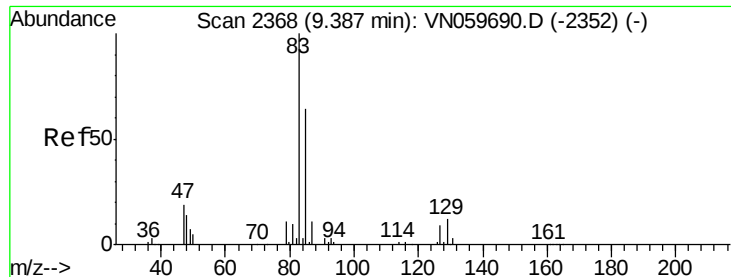


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

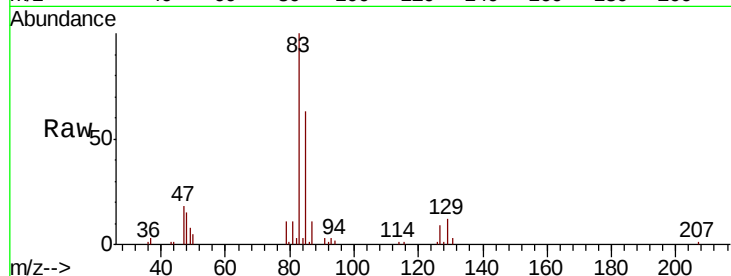




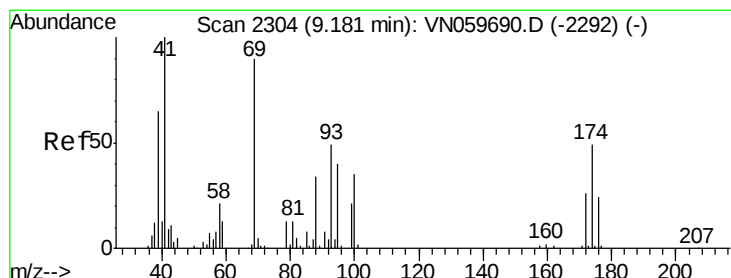
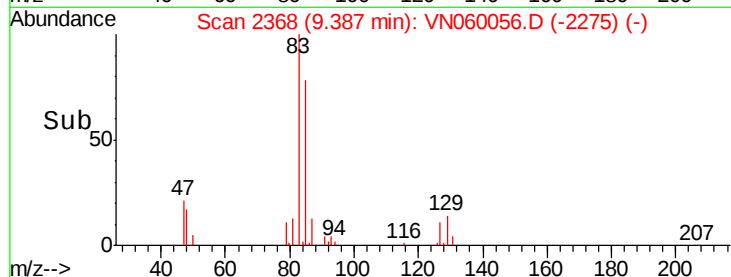
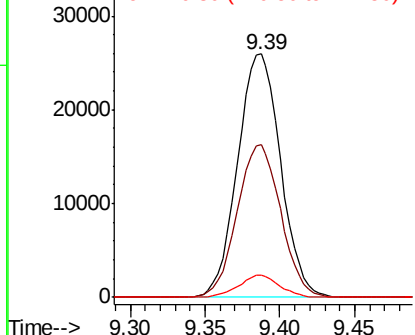
#47
Bromodichloromethane
Concen: 21.494 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 51970
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 9.1 6.6 9.8

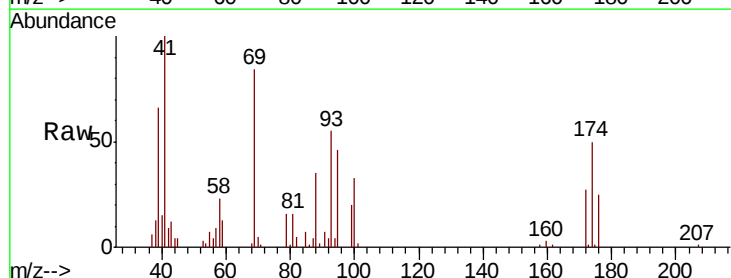


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

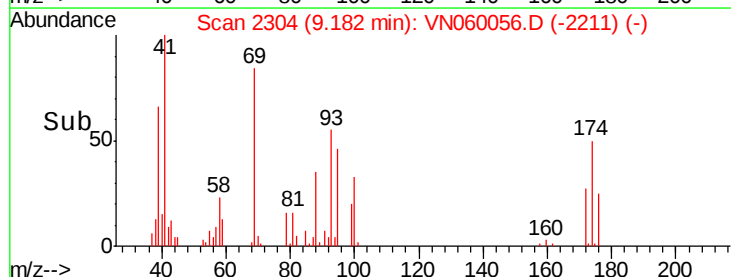
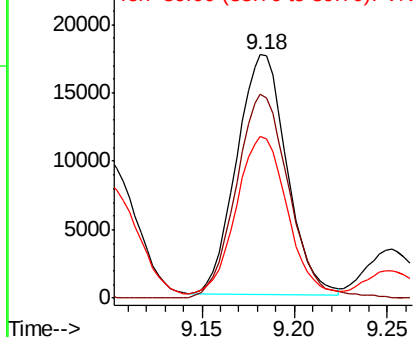


#48
Methyl methacrylate
Concen: 19.707 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 41 Resp: 32775
Ion Ratio Lower Upper
41 100
69 90.0 64.4 96.6
39 67.4 51.3 76.9



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

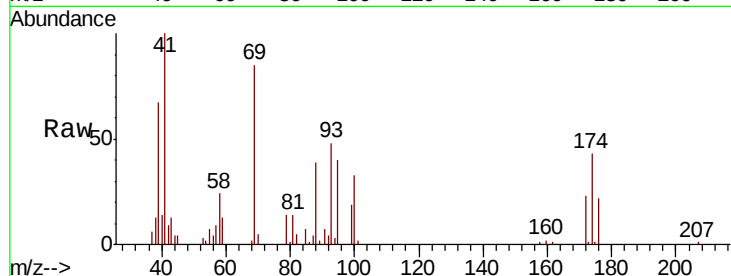




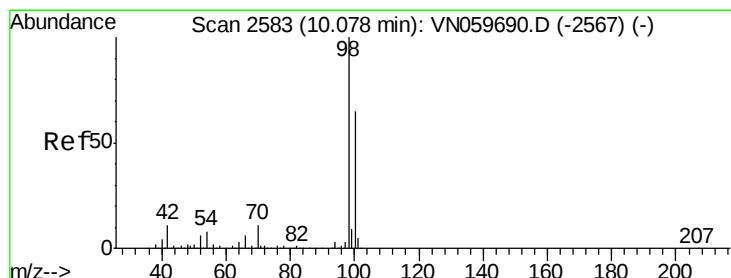
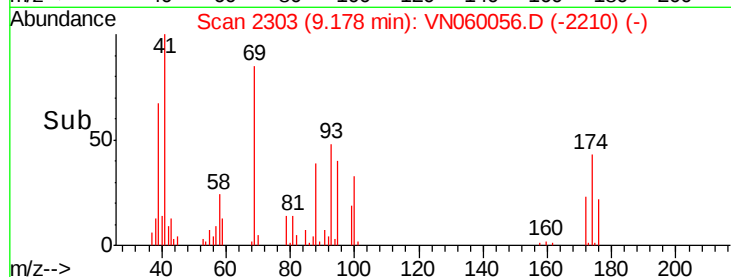
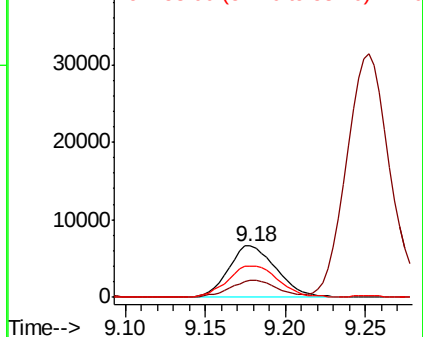
#49
1,4-Dioxane
Concen: 442.951 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 13486
Ion Ratio Lower Upper
88 100
43 32.7 29.7 44.5
58 64.9 56.6 85.0

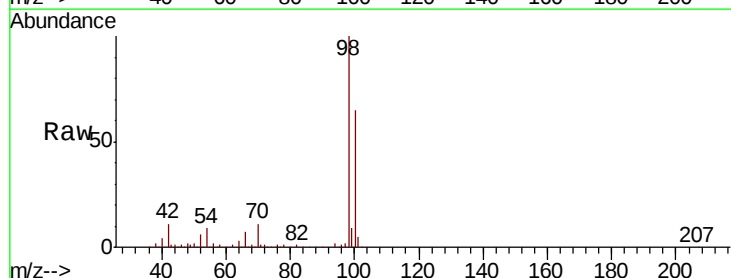


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

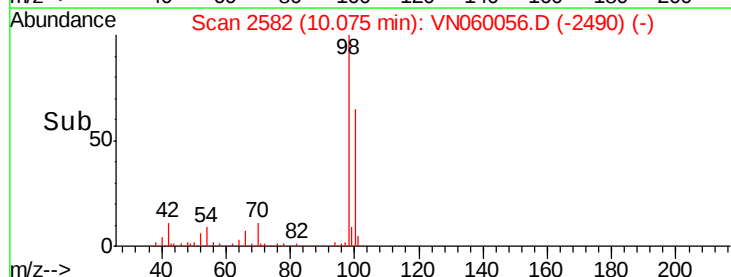
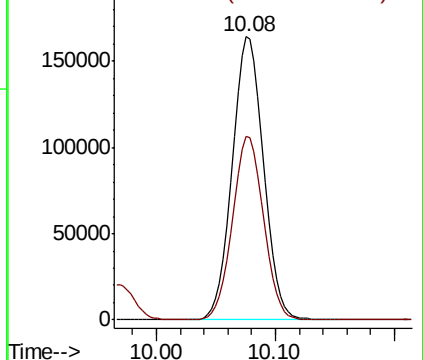


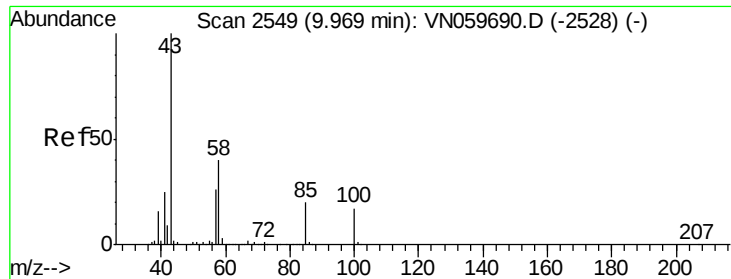
#50
Toluene-d8
Concen: 48.887 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 98 Resp: 298946
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



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

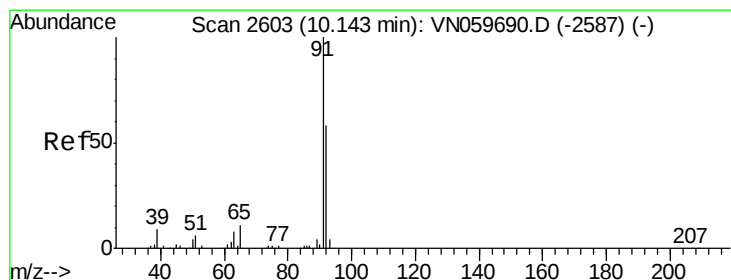
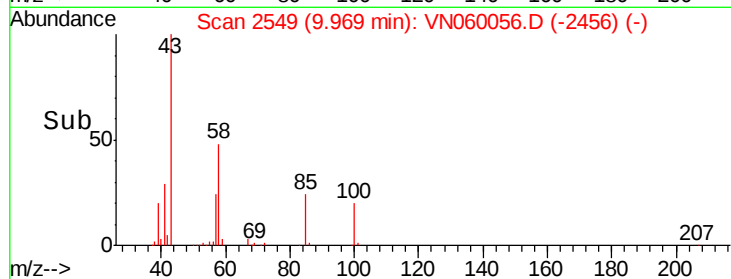
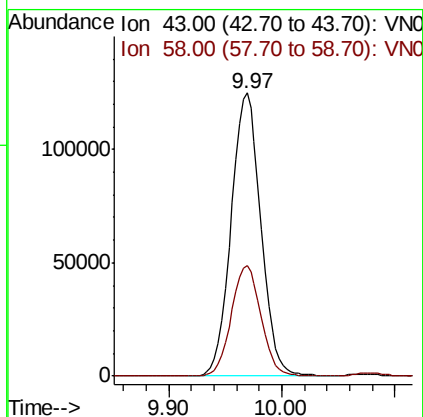
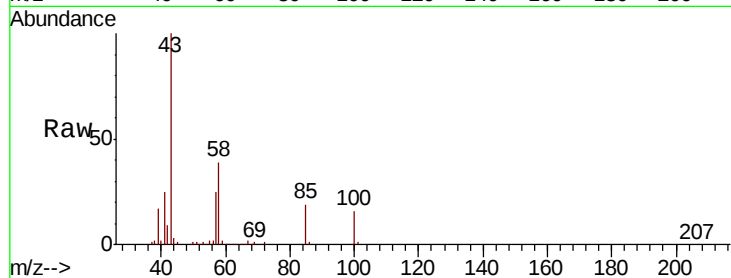




#51
 4-Methyl-2-Pentanone
 Concen: 106.339 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

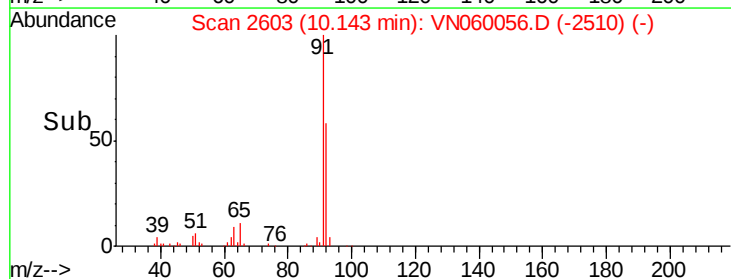
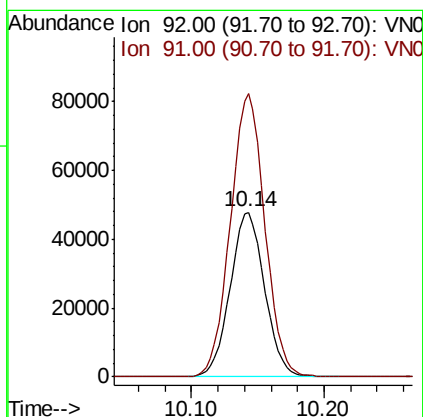
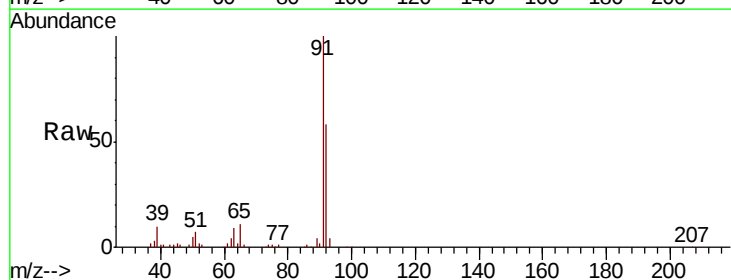
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 228561
 Ion Ratio Lower Upper
 43 100
 58 39.0 29.8 44.8



#52
 Toluene
 Concen: 19.874 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 92 Resp: 86286
 Ion Ratio Lower Upper
 92 100
 91 172.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.275 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

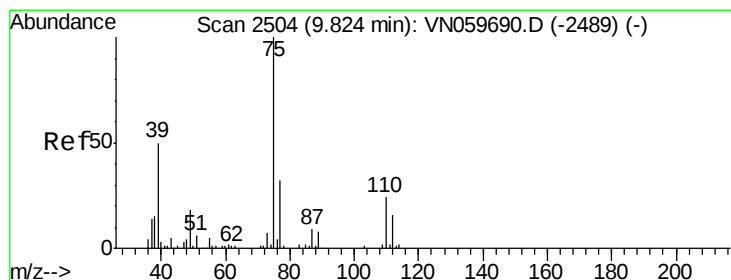
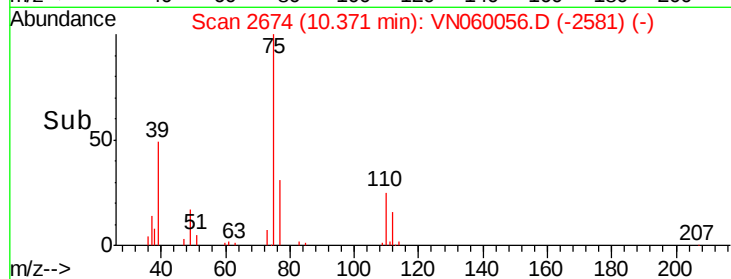
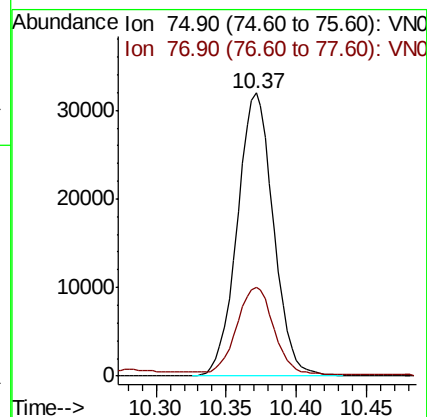
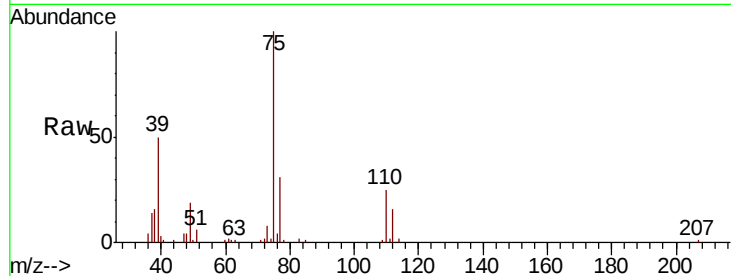
ClientSampled :

Tot Ion: 75 Resp: 57437

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.173 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

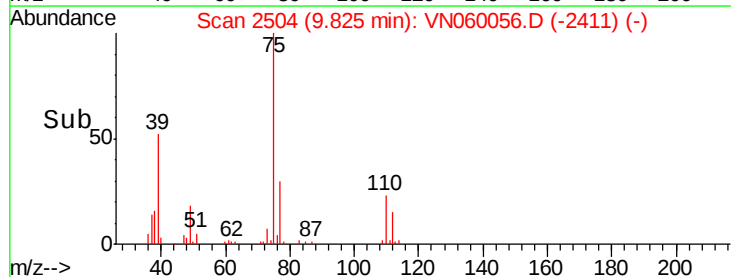
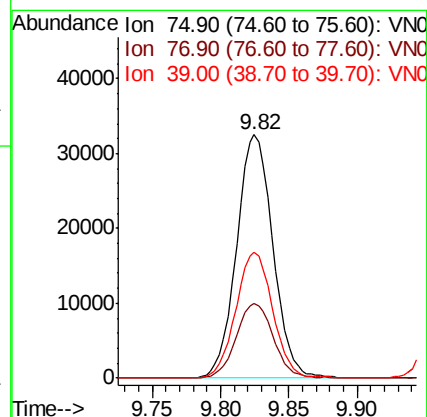
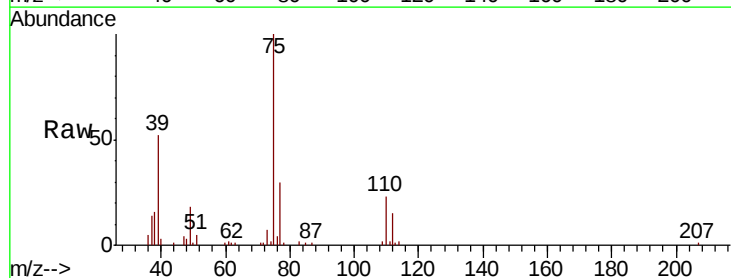
Tgt Ion: 75 Resp: 60144

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

39 51.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.691 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 37299

Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.3	106.9
85	58.2	45.8	68.8
99	61.7	50.0	75.0

Abundance

Ion 96.90 (96.60 to 97.60): VN0

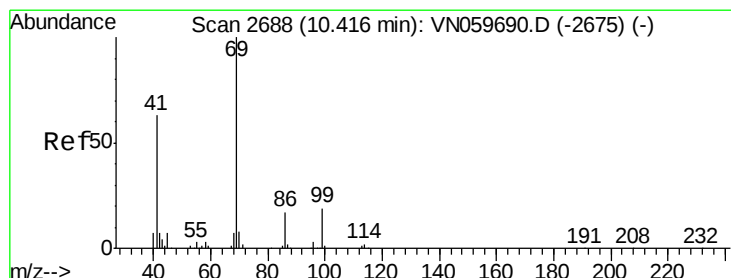
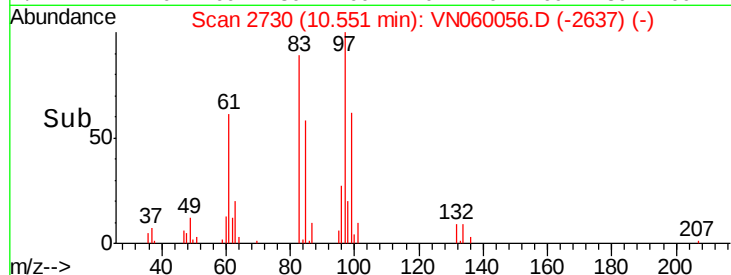
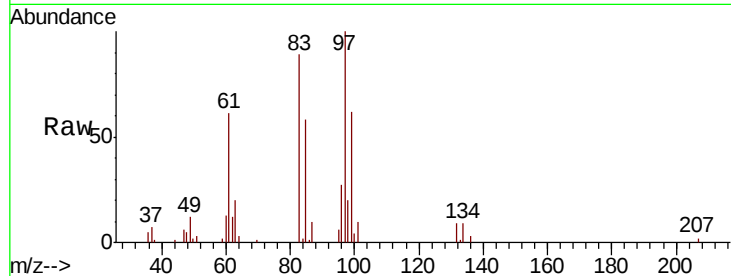
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.55

Time-->



#56

Ethyl methacrylate

Concen: 19.774 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Tgt Ion: 69 Resp: 51956

Ion	Ratio	Lower	Upper
69	100		
41	65.2	57.1	85.7
39	41.0	34.7	52.1

Abundance

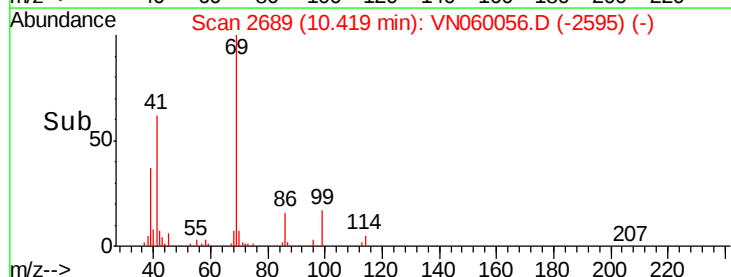
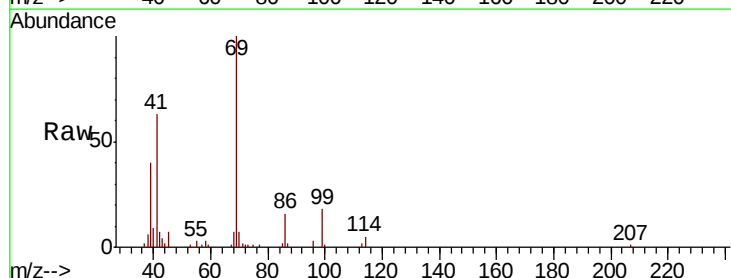
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.42

Time-->





#57

1,3-Dichloropropane

Concen: 21.902 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

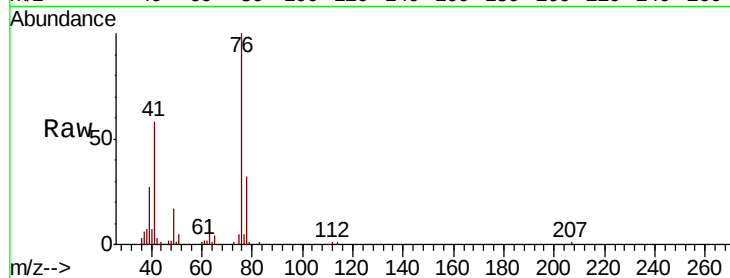
ClientSampleId :

Tot Ion: 76 Resp: 59794

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN060056.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060056.D (-2682) (-)

10.70

30000

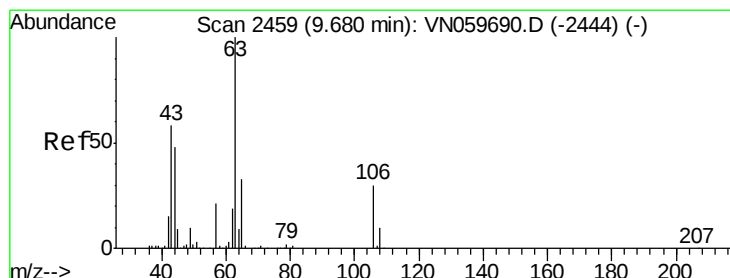
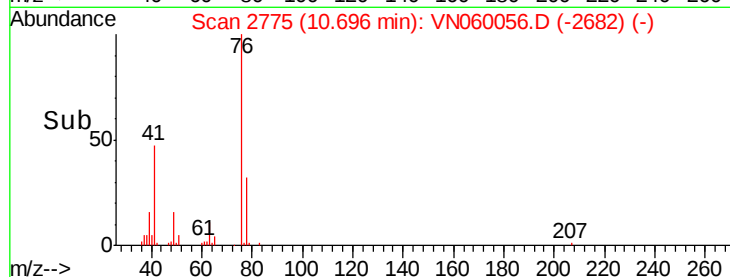
20000

10000

0

Time-->

10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 118.592 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060056.D

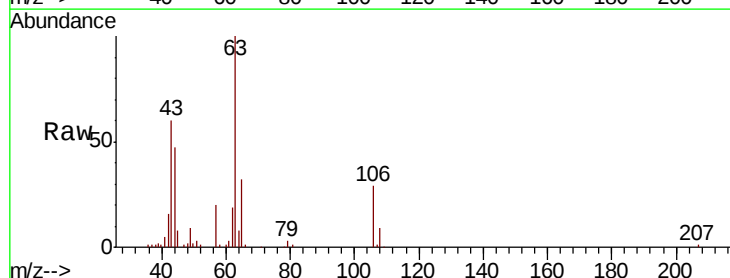
Acq: 11 Feb 2020 11:40

Tgt Ion: 63 Resp: 93855

Ion Ratio Lower Upper

63 100

106 28.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN060056.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060056.D (-2366) (-)

9.68

60000

50000

40000

30000

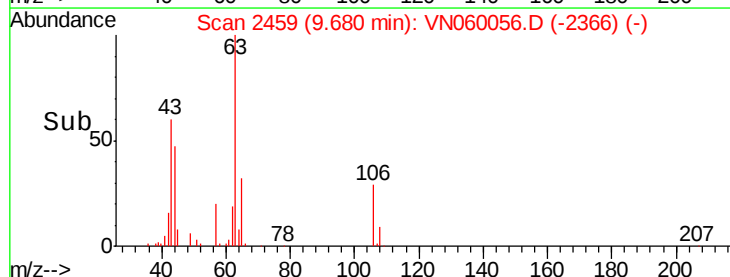
20000

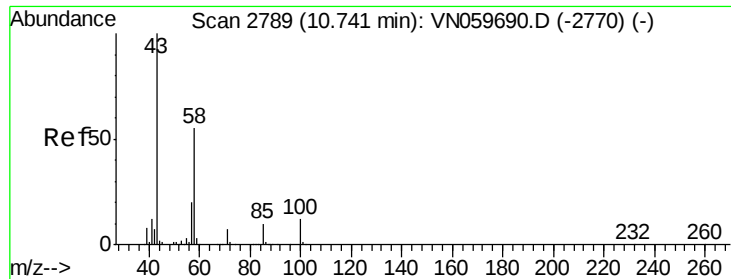
10000

0

Time-->

9.60 9.65 9.70 9.75 9.80

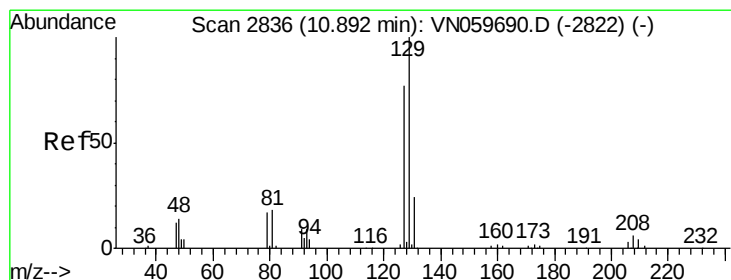
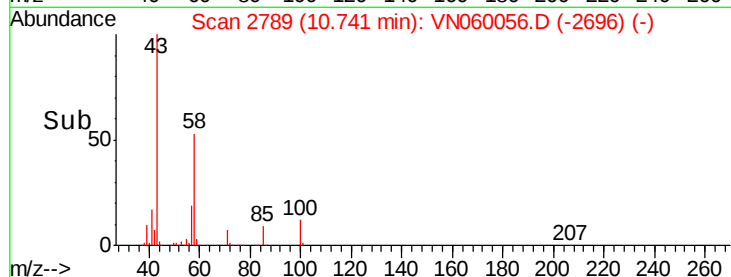
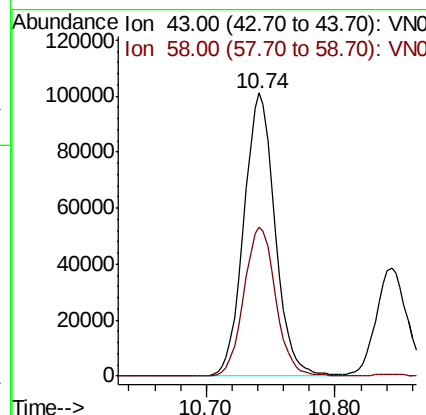
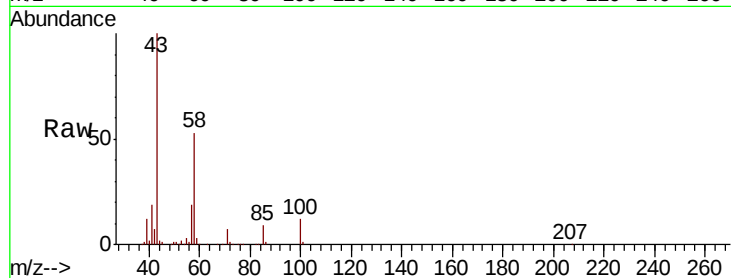




#59
2-Hexanone
Concen: 107.462 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

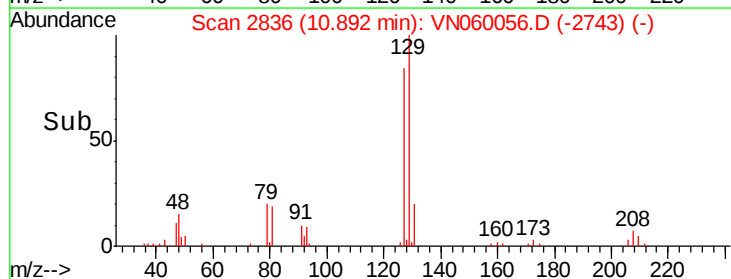
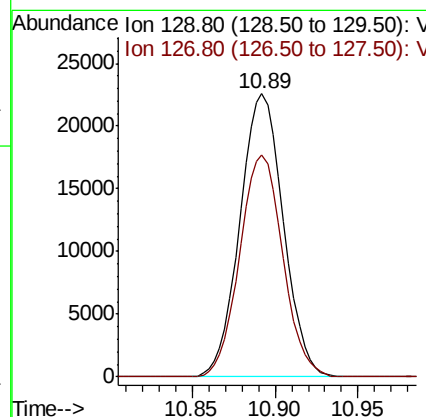
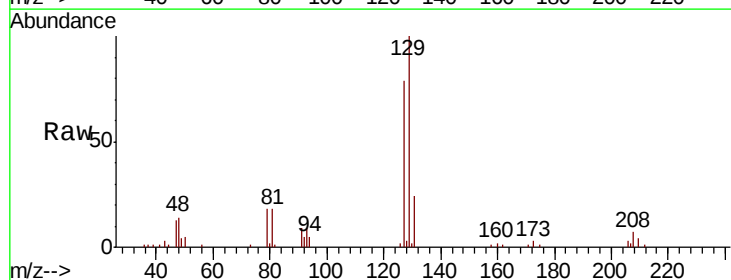
Instrument :
MSVOA_N
ClientSampled :

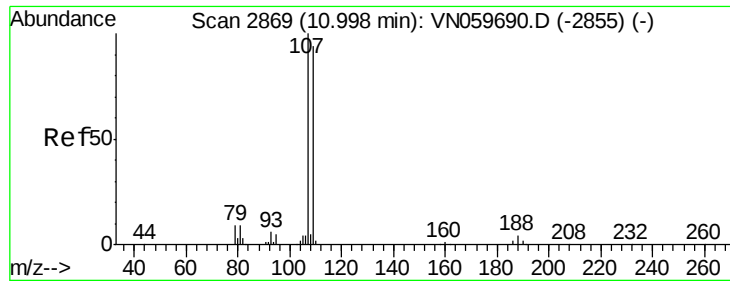
Tot Ion: 43 Resp: 170159
Ion Ratio Lower Upper
43 100
58 53.7 25.8 77.3



#60
Dibromochloromethane
Concen: 20.978 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 129 Resp: 41078
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

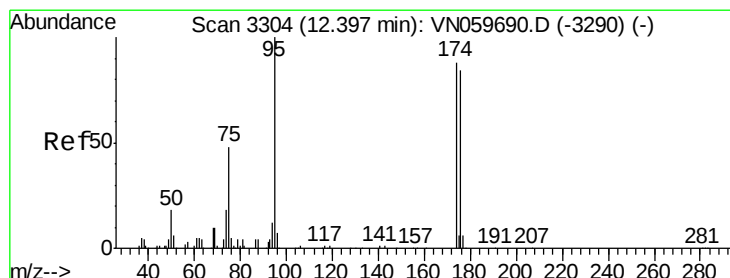
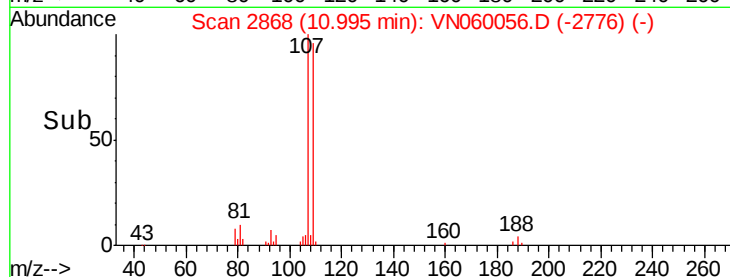
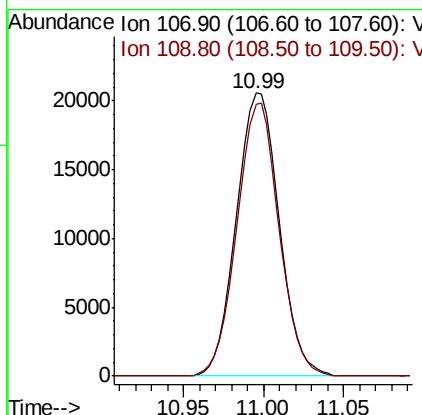
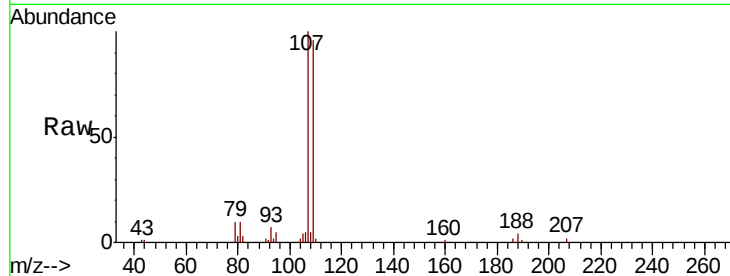




#61
 1,2-Dibromoethane
 Concen: 20.823 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

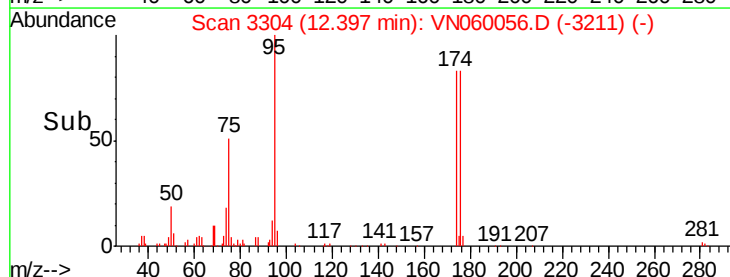
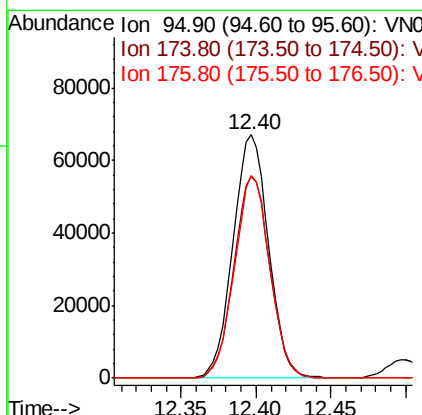
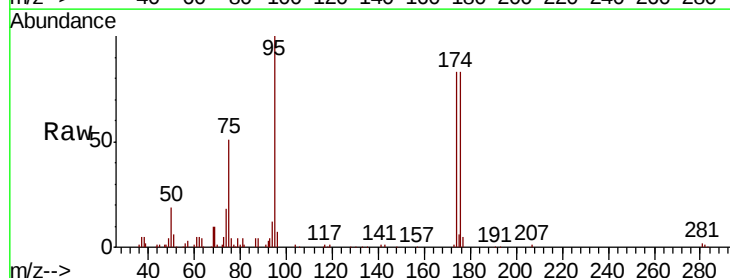
Instrument :
 MSVOA_N
 ClientSampleId :

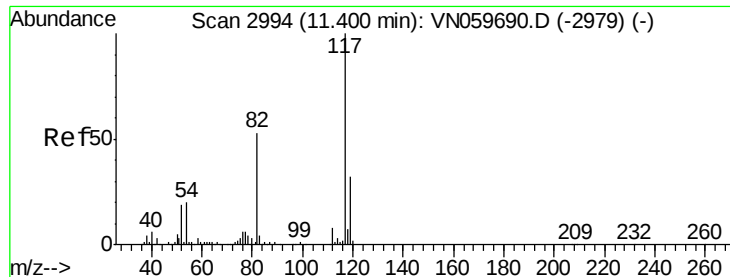
Tot Ion: 107 Resp: 37529
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.280 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 95 Resp: 110842
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 151.4
 176 82.4 0.0 146.0

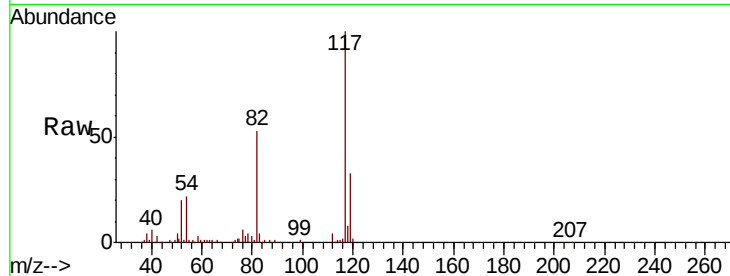




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.9	68.9
119	32.9	25.5	38.3

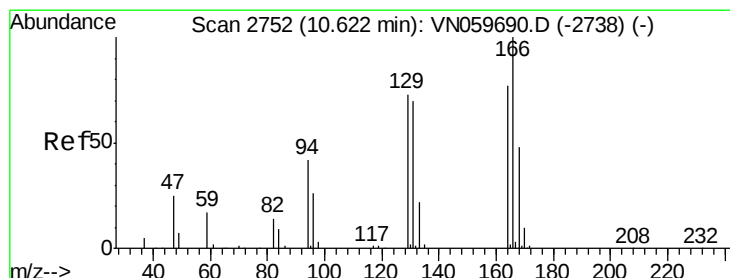
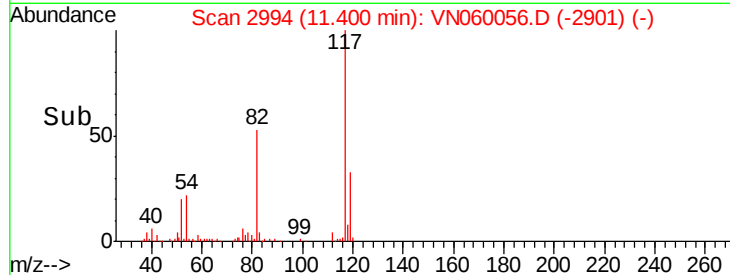
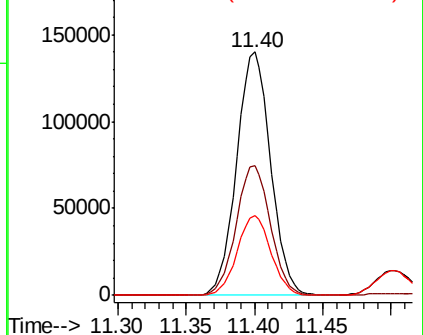


Abundance

Ion 116.90 (116.60 to 117.60): V

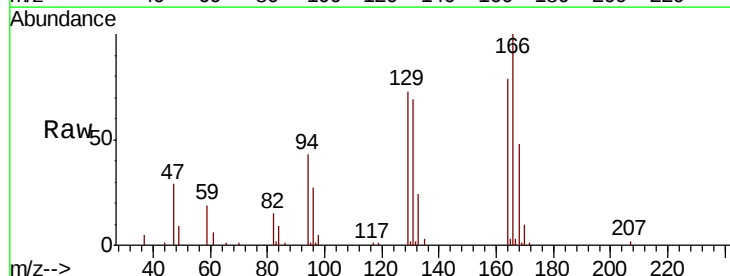
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.822 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.4	152.0
129	91.9	80.2	120.4
131	87.8	75.0	112.4



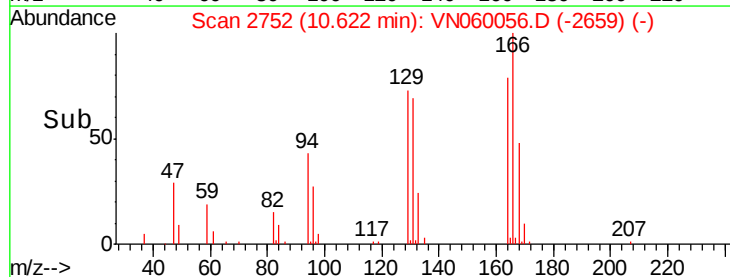
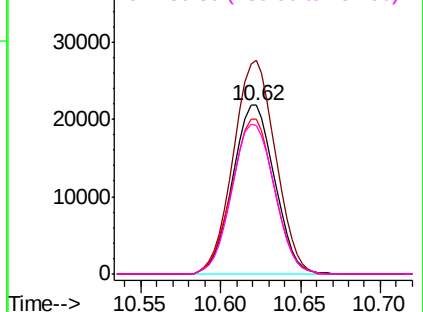
Abundance

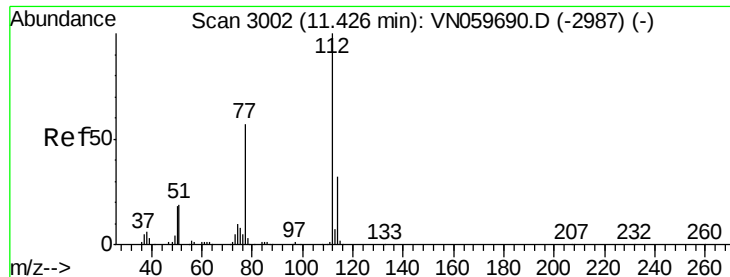
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

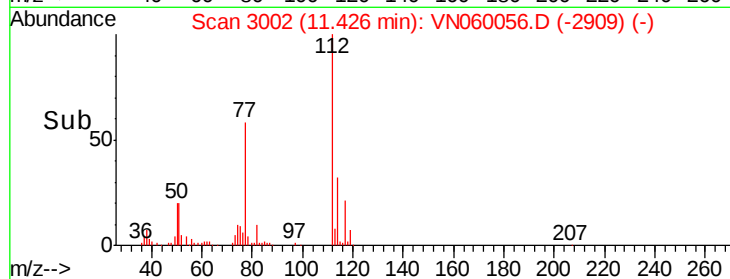
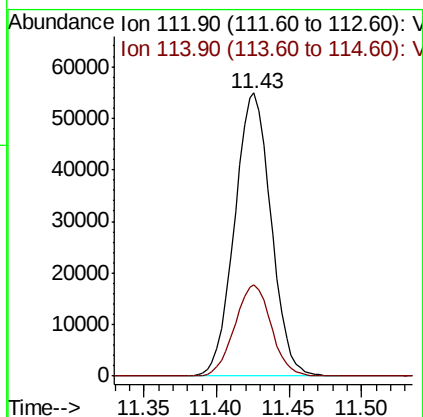
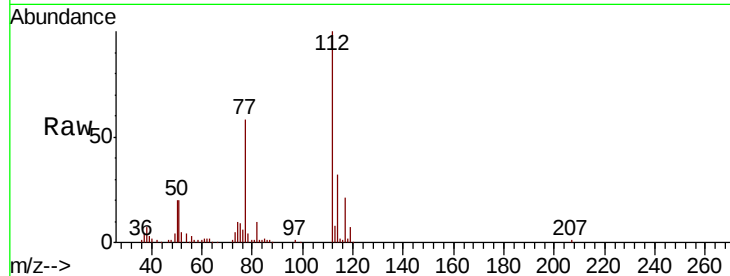




#65
Chlorobenzene
Concen: 20.051 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

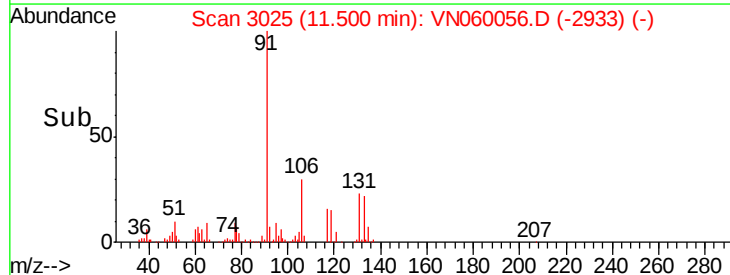
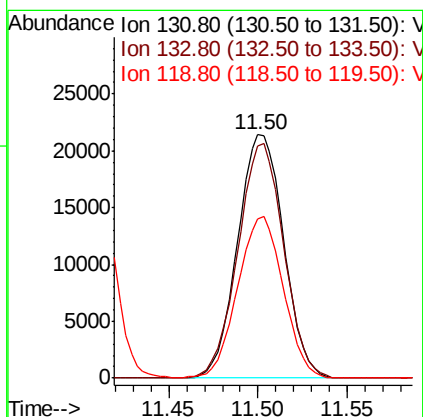
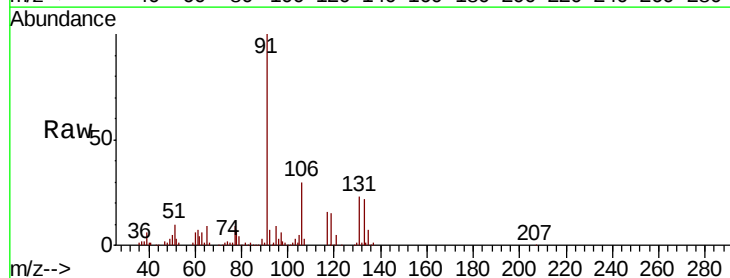
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 95811
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.878 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion:131 Resp: 38547
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 65.7 33.1 99.3





#67

Ethyl Benzene

Concen: 19.448 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

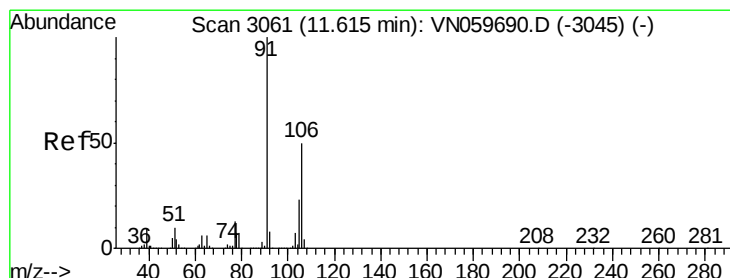
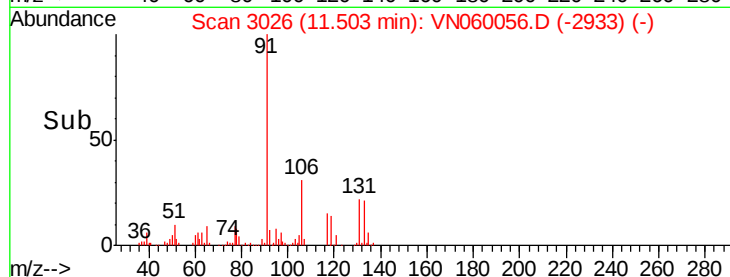
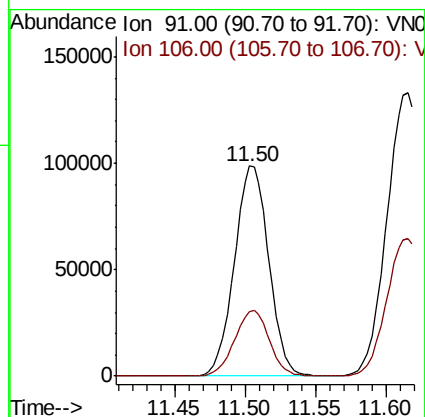
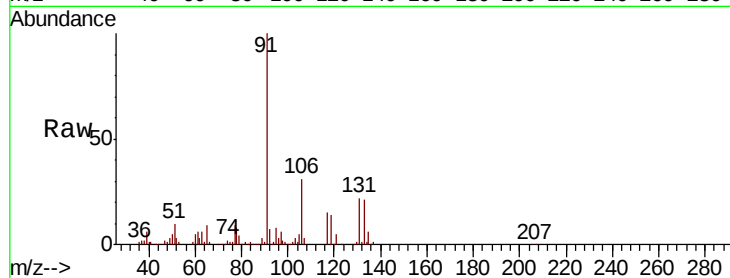
ClientSampled :

Tot Ion: 91 Resp: 168694

Ion Ratio Lower Upper

91 100

106 30.8 24.1 36.1



#68

m/p-Xylenes

Concen: 38.455 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060056.D

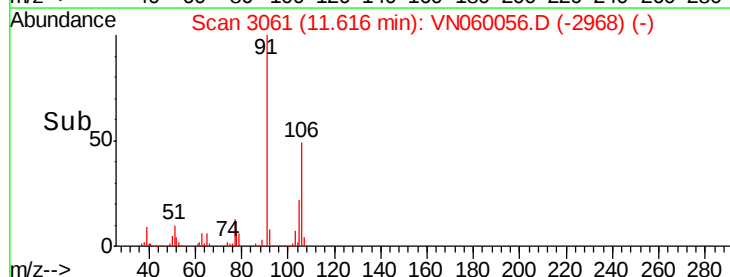
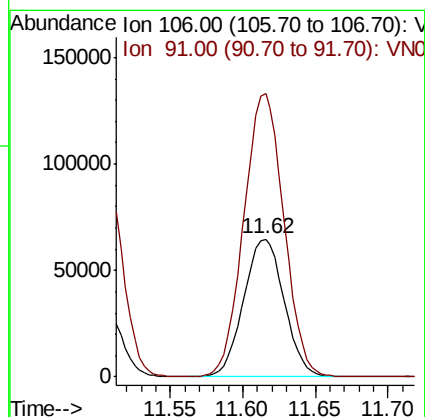
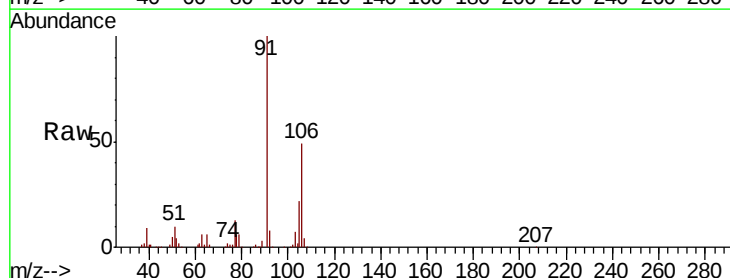
Acq: 11 Feb 2020 11:40

Tgt Ion: 106 Resp: 126000

Ion Ratio Lower Upper

106 100

91 203.7 167.9 251.9

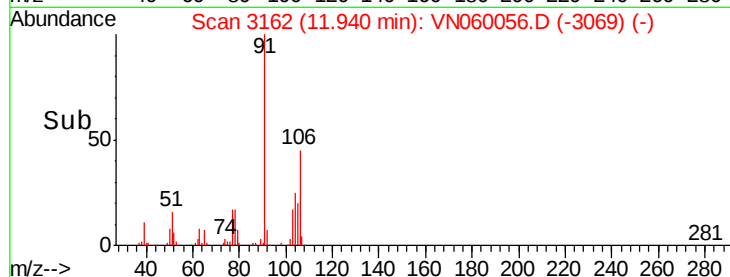
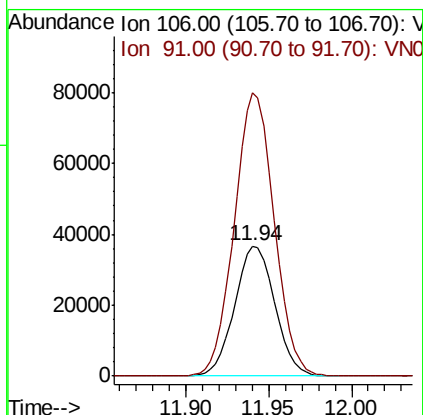
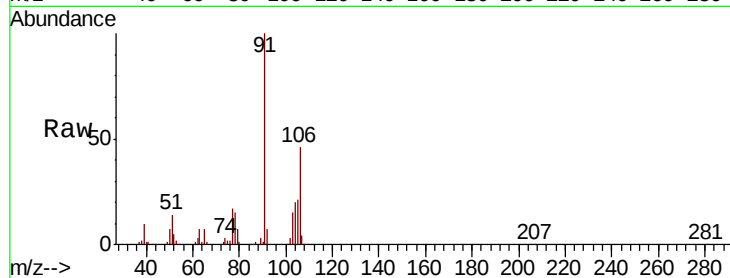




#69
o-Xylene
Concen: 19.310 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

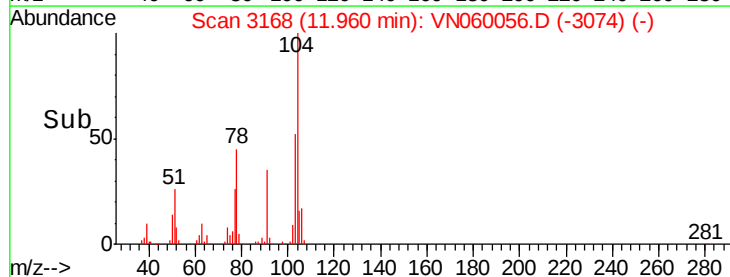
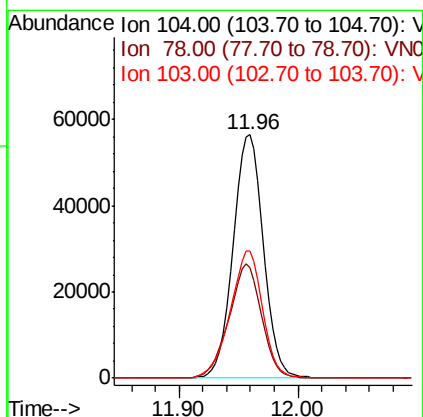
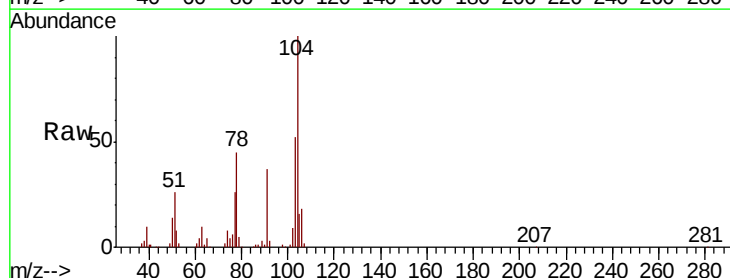
Instrument :
MSVOA_N
ClientSampled :

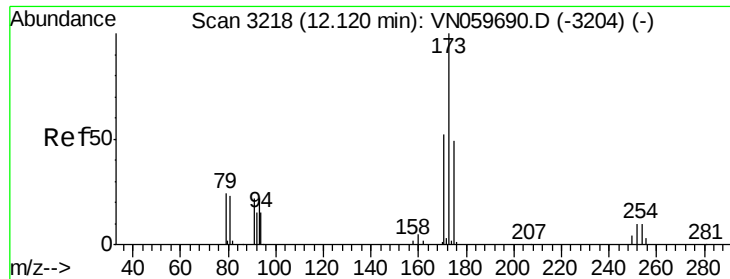
Tot Ion:106 Resp: 61941
Ion Ratio Lower Upper
106 100
91 216.1 110.3 330.9



#70
Styrene
Concen: 18.543 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion:104 Resp: 99532
Ion Ratio Lower Upper
104 100
78 50.3 42.4 63.6
103 55.6 43.9 65.9

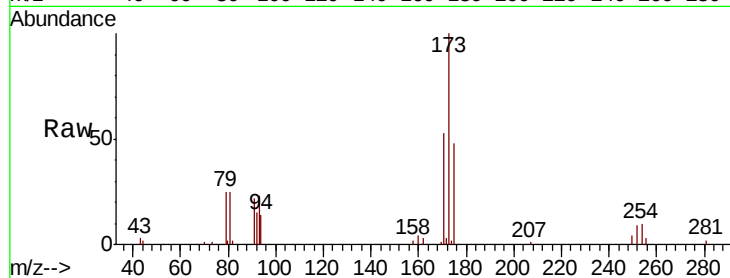




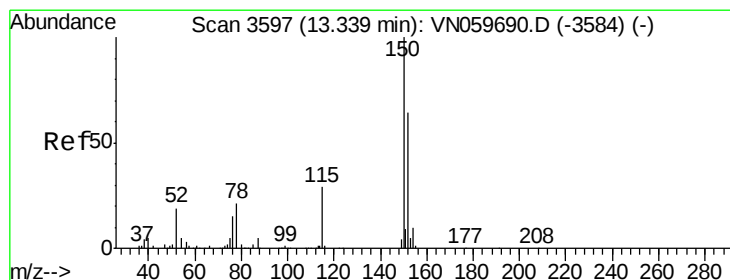
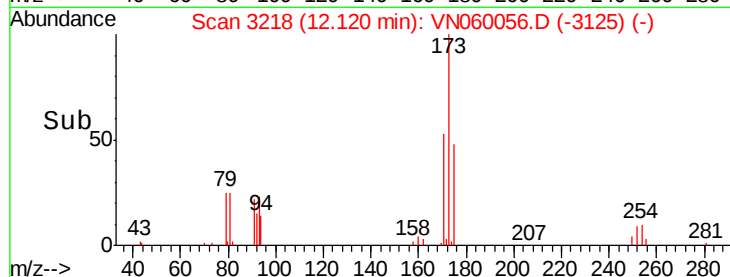
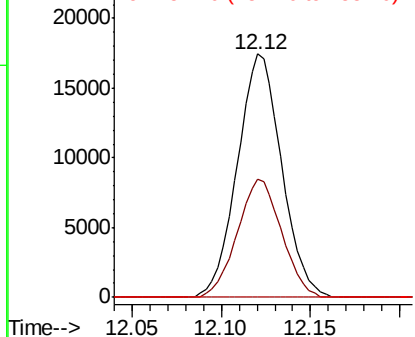
#71
Bromoform
Concen: 20.432 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 30217
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.4
254 0.0 0.0 0.0

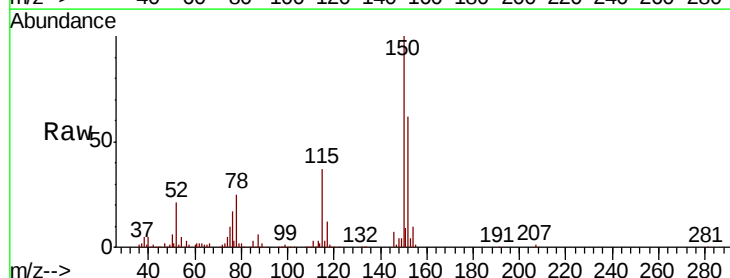


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

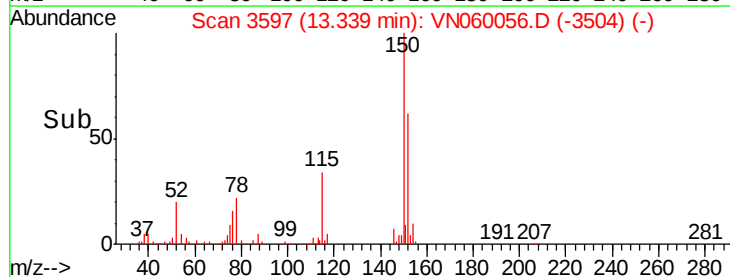
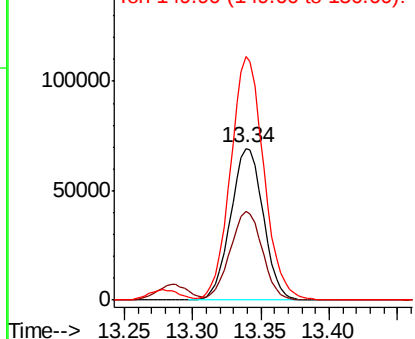


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion:152 Resp: 115147
Ion Ratio Lower Upper
152 100
115 58.2 30.3 90.9
150 163.0 0.0 345.2



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





#73

Isopropylbenzene

Concen: 19.849 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

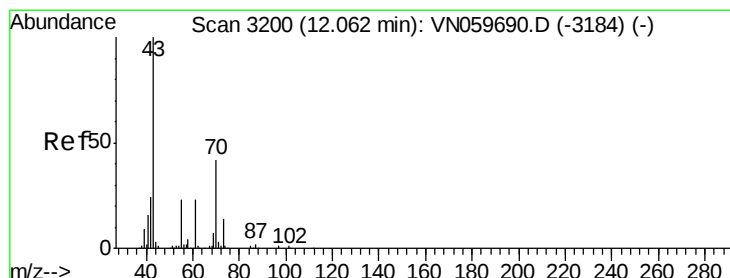
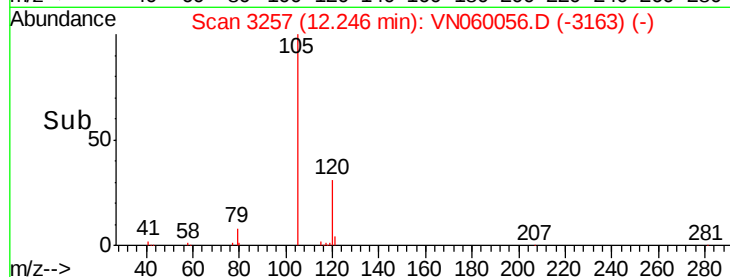
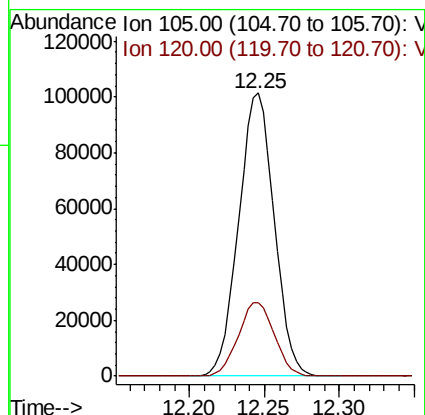
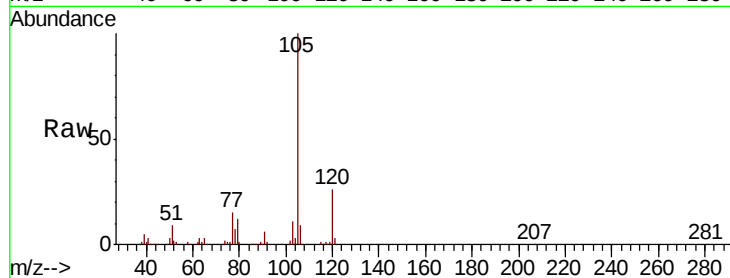
ClientSampleId :

Tot Ion:105 Resp: 167619

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 19.778 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Tgt Ion: 43 Resp: 64811

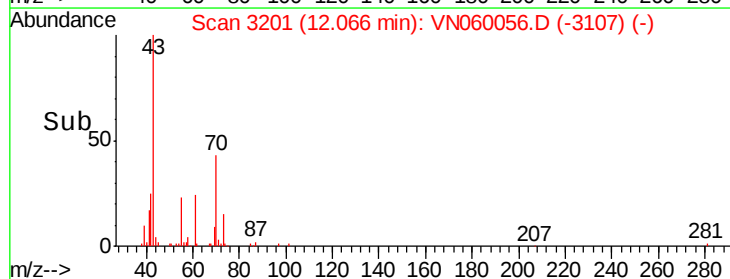
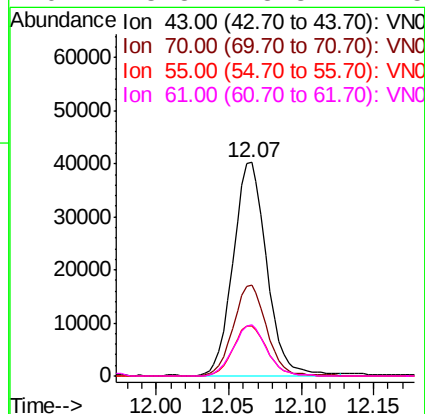
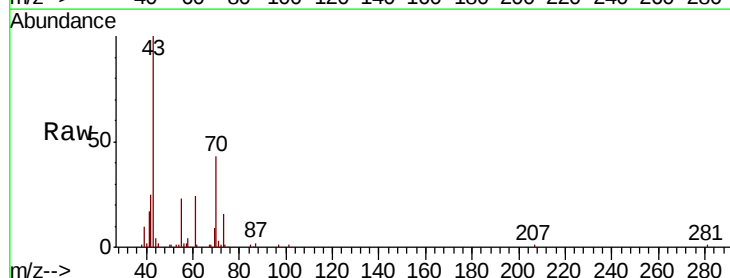
Ion Ratio Lower Upper

43 100

70 42.1 31.3 46.9

55 23.6 19.8 29.6

61 23.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.535 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

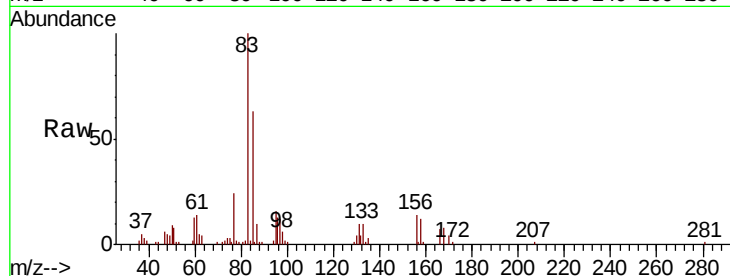
Tot Ion: 83 Resp: 52722

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

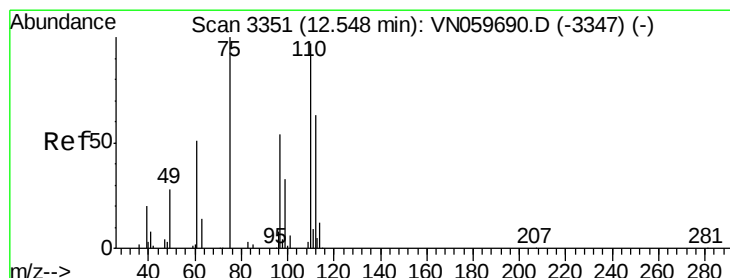
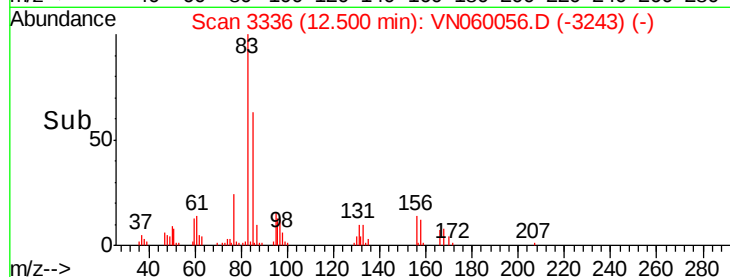
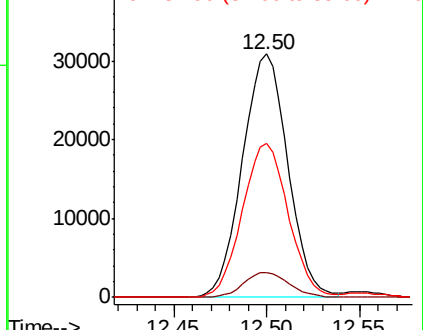
85 64.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN060056.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060056.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060056.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 35.680 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060056.D

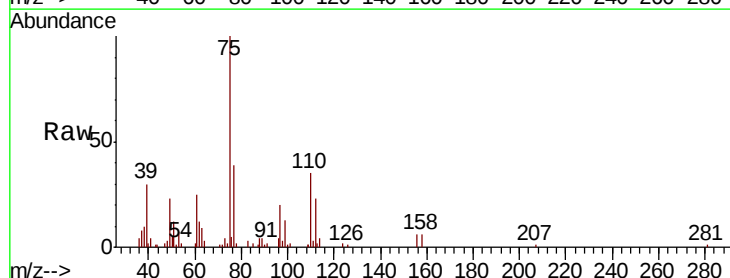
Acq: 11 Feb 2020 11:40

Tgt Ion: 75 Resp: 69141

Ion Ratio Lower Upper

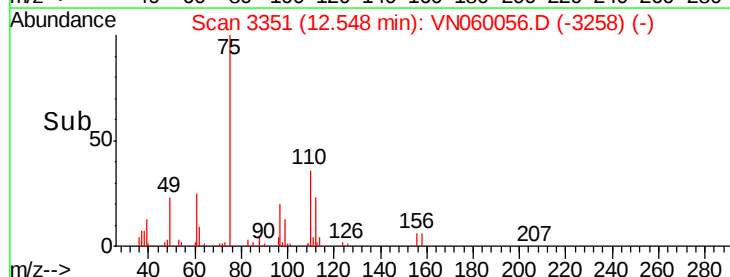
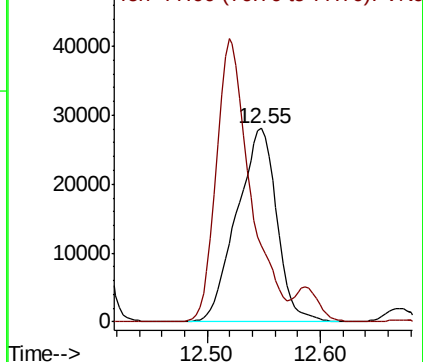
75 100

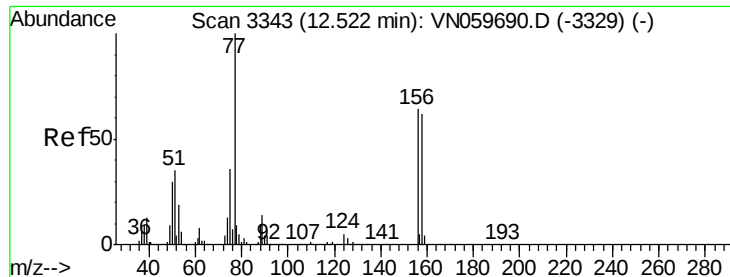
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060056.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060056.D (-3258) (-)





#77

Bromobenzene

Concen: 20.288 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

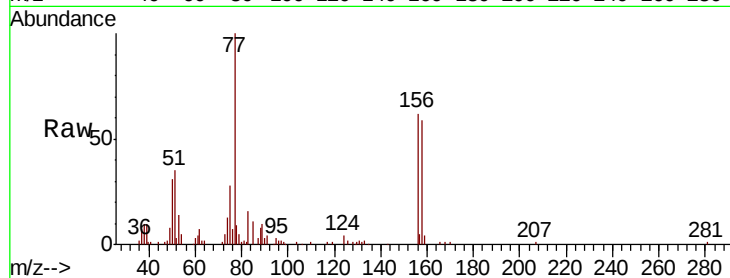
Tot Ion:156 Resp: 43388

Ion Ratio Lower Upper

156 100

77 197.1 115.8 347.4

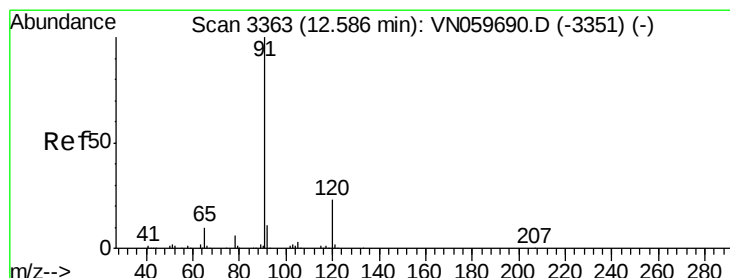
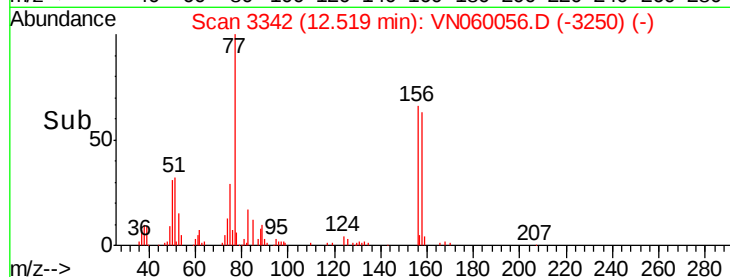
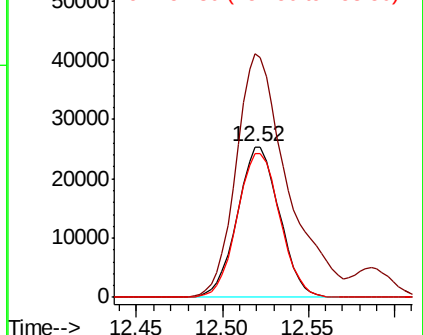
158 96.8 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.861 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060056.D

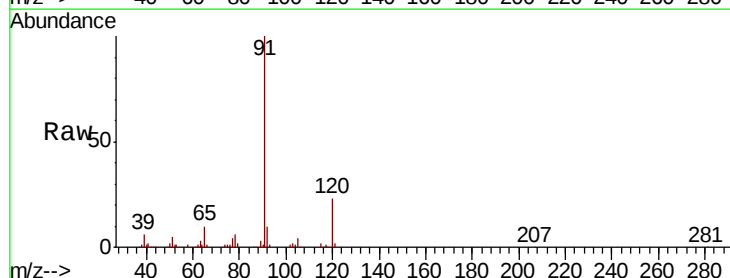
Acq: 11 Feb 2020 11:40

Tgt Ion: 91 Resp: 188249

Ion Ratio Lower Upper

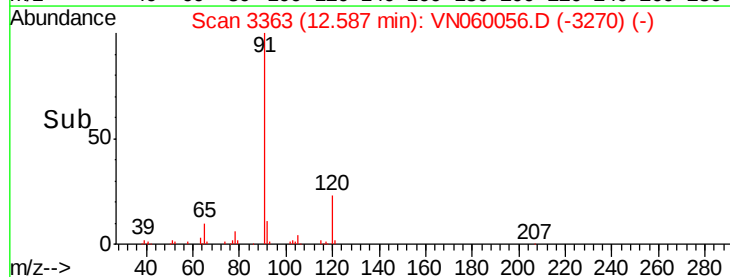
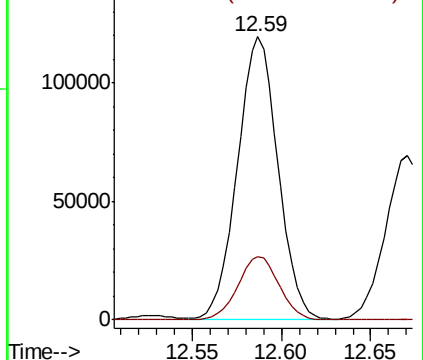
91 100

120 22.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

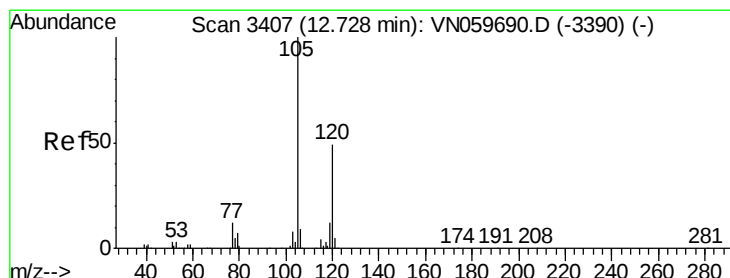
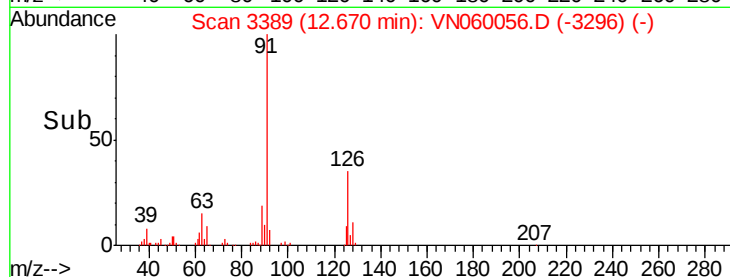
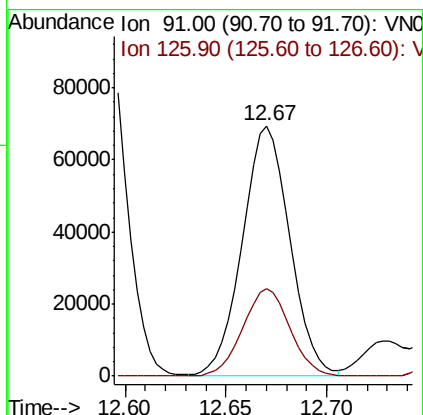
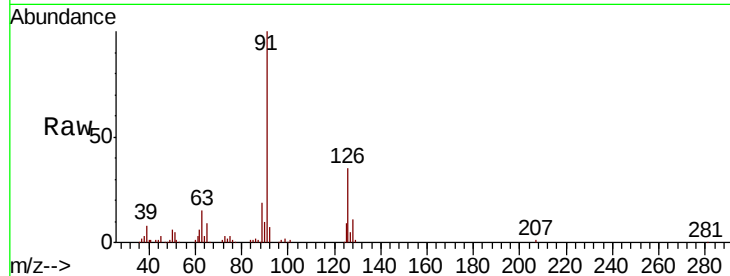




#79
 2-Chlorotoluene
 Concen: 20.172 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

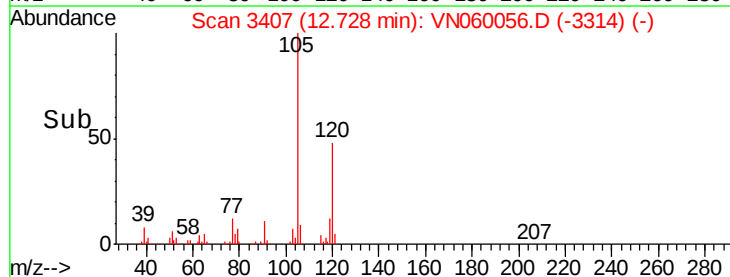
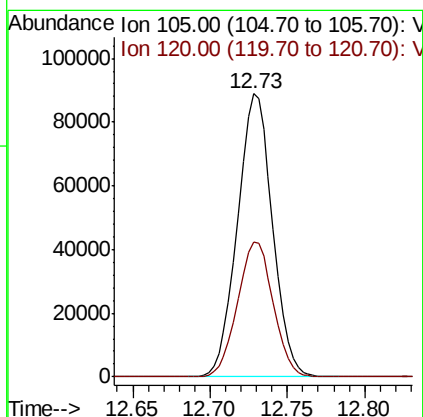
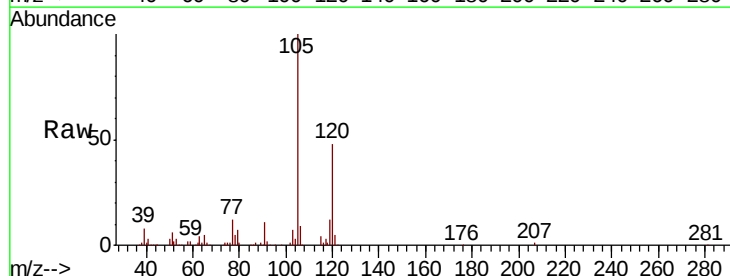
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 113742
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.642 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion: 105 Resp: 139499
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.193 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampleId :

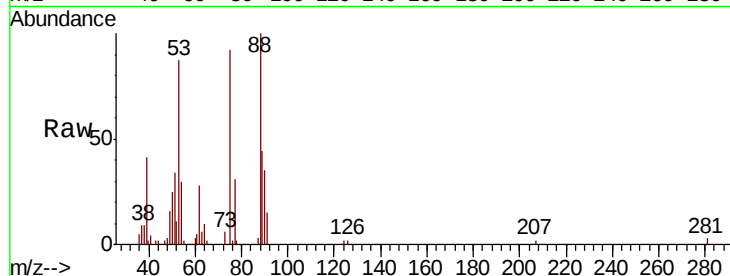
Tot Ion: 75 Resp: 18221

Ion Ratio Lower Upper

75 100

53 94.2 78.1 117.1

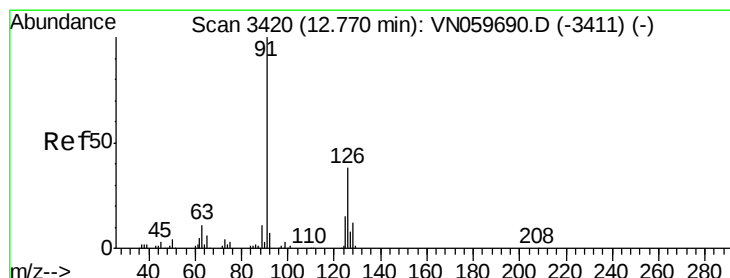
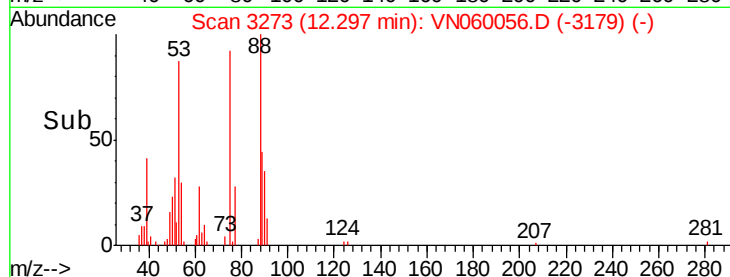
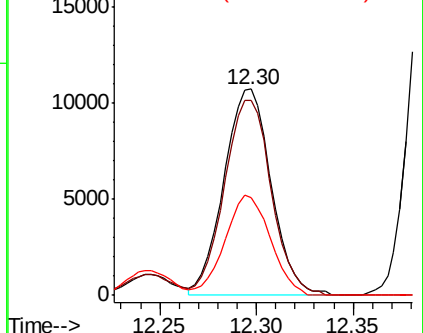
89 46.8 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.363 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060056.D

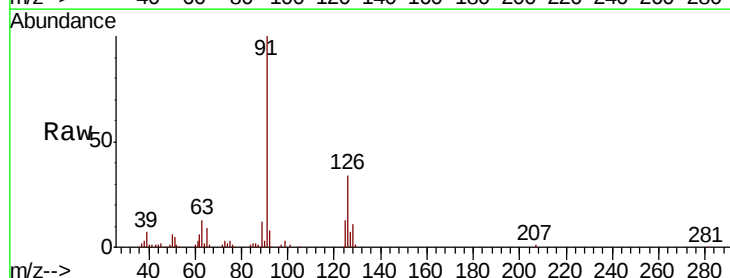
Acq: 11 Feb 2020 11:40

Tgt Ion: 91 Resp: 115165

Ion Ratio Lower Upper

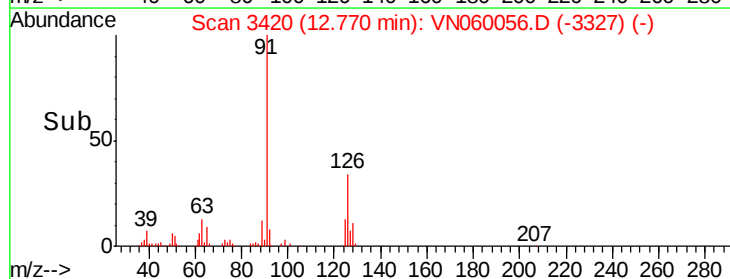
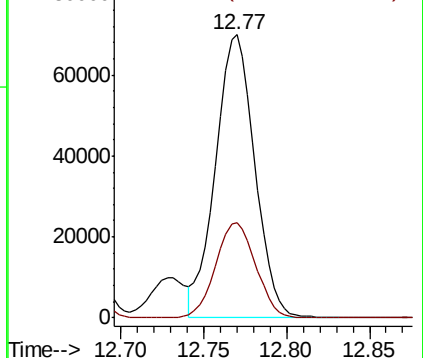
91 100

126 34.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

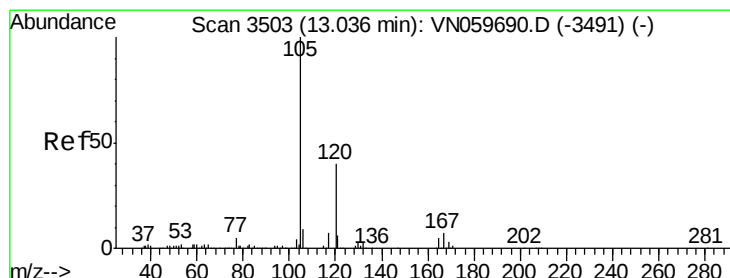
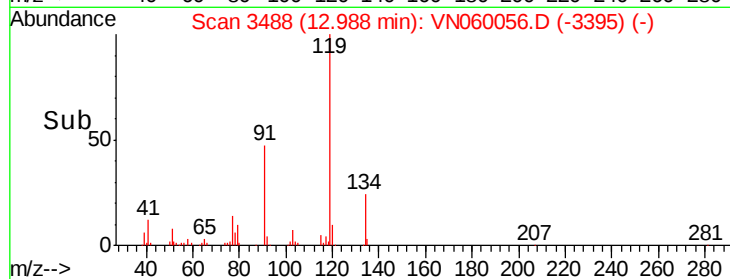
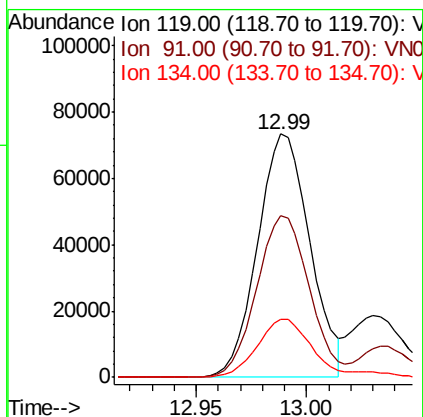
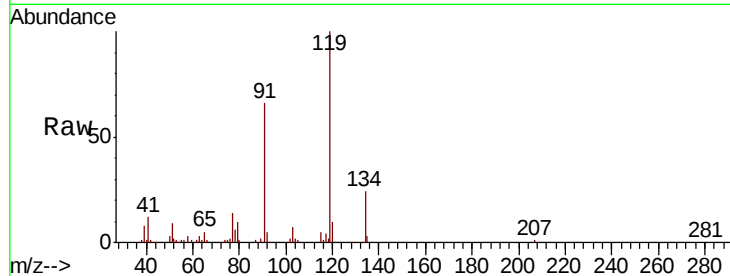




#83
tert-Butylbenzene
Concen: 19.679 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

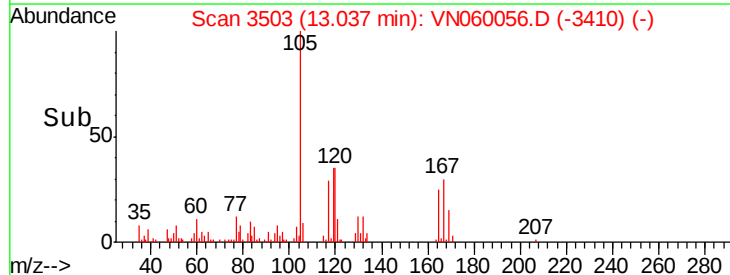
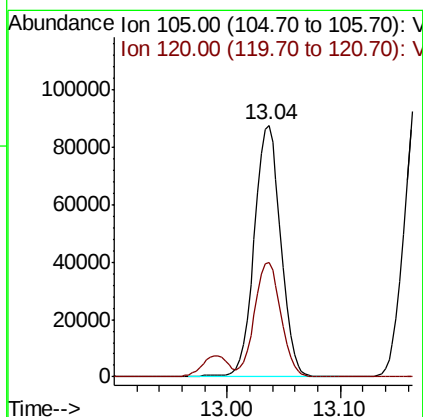
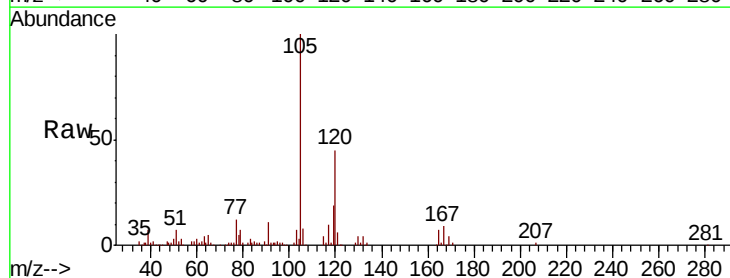
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 120877
Ion Ratio Lower Upper
119 100
91 66.8 34.8 104.4
134 25.9 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 20.345 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion:105 Resp: 142948
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.260 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

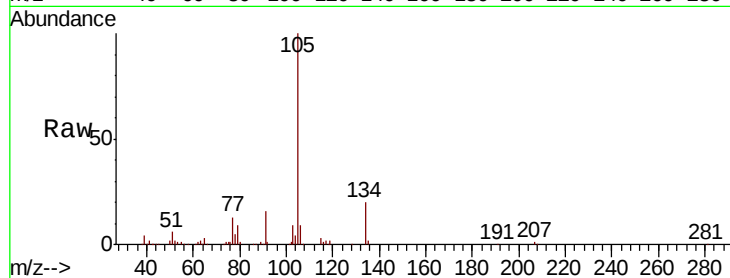
ClientSampled :

Tot Ion:105 Resp: 163503

Ion Ratio Lower Upper

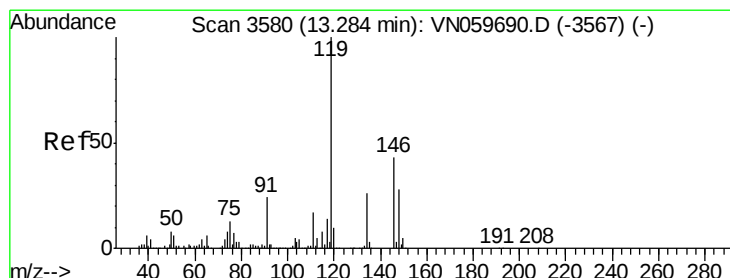
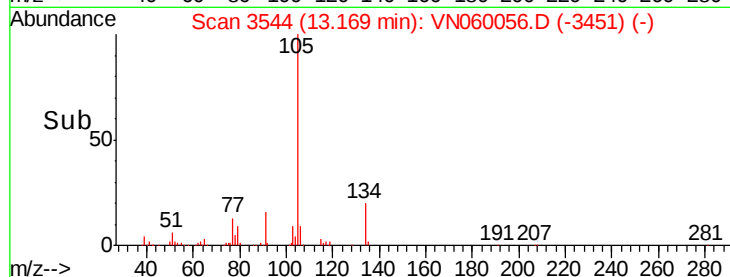
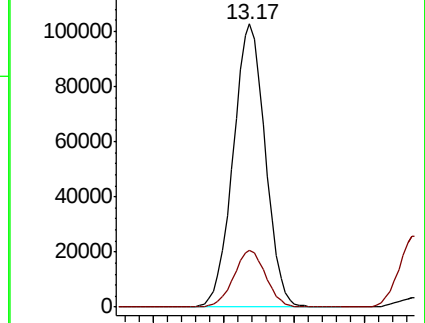
105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.755 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

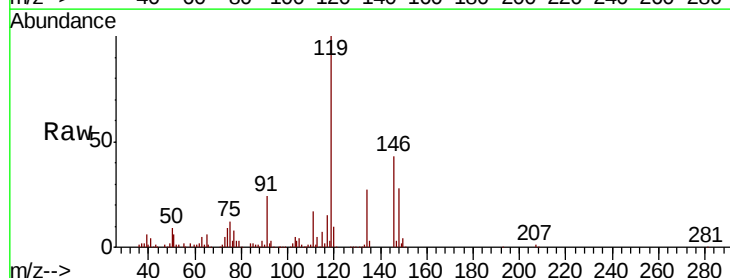
Tgt Ion:119 Resp: 147518

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

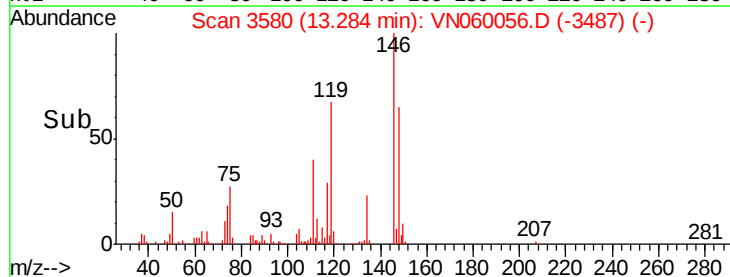
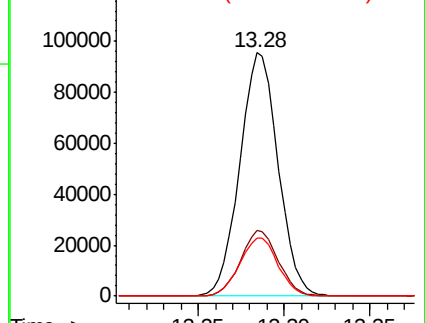
91 24.0 12.4 37.4



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

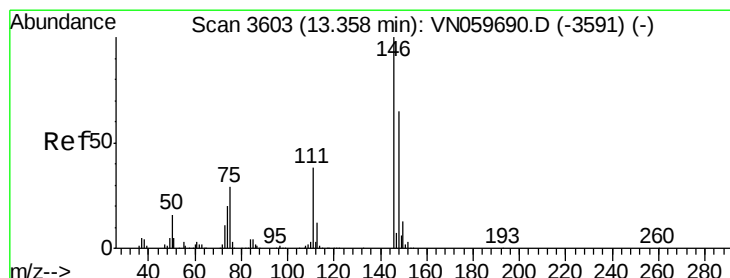
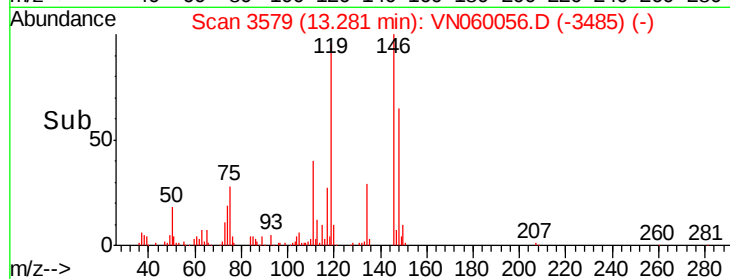
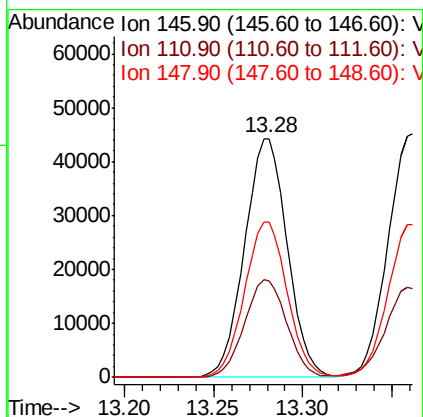
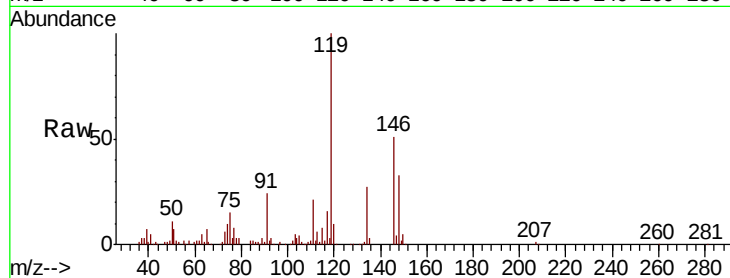




#87
 1,3-Dichlorobenzene
 Concen: 19.962 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

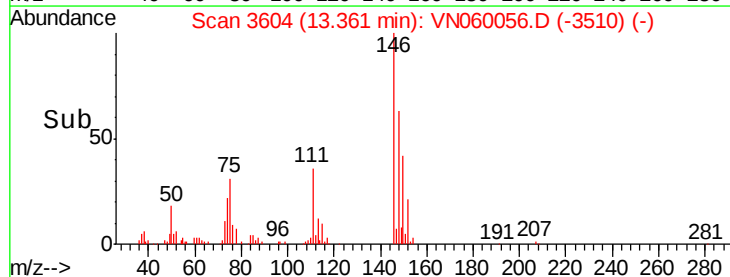
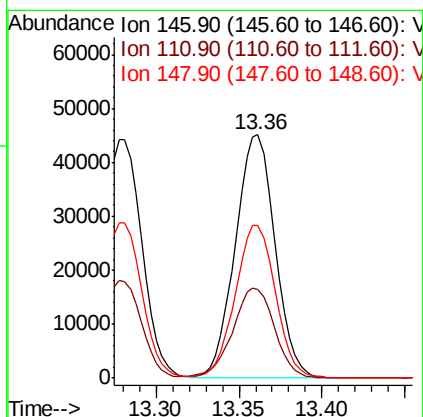
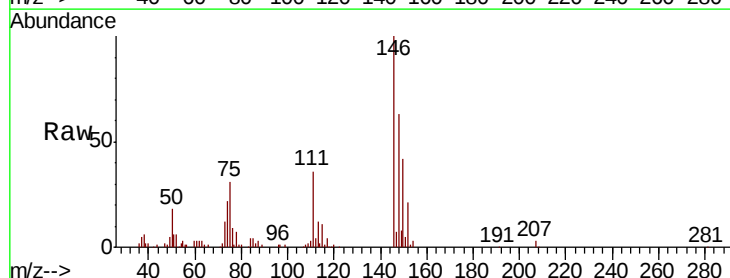
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 74156
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.2
 148 65.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.393 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion:146 Resp: 75574
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.8 62.2
 148 63.7 31.8 95.4

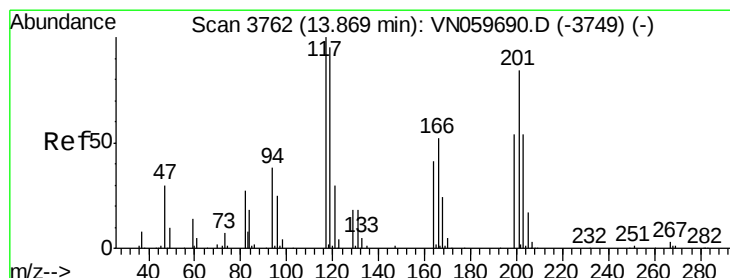
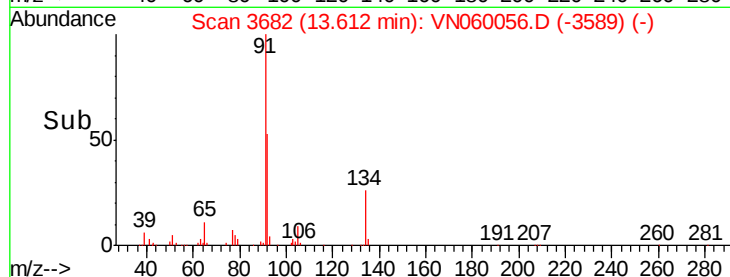
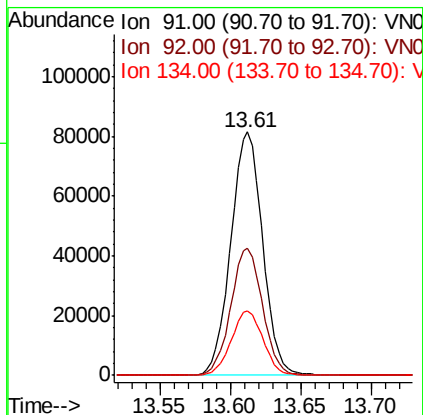
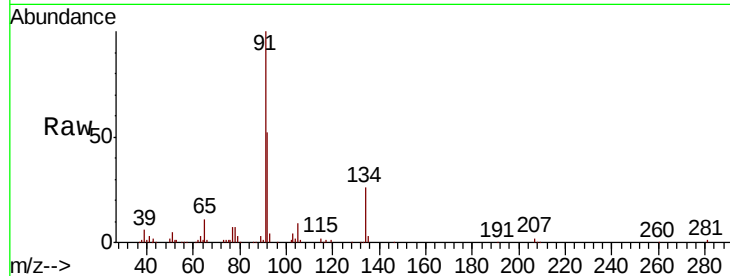




#89
n-Butylbenzene
Concen: 20.221 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

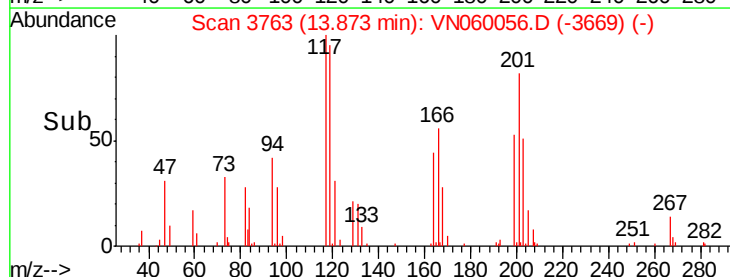
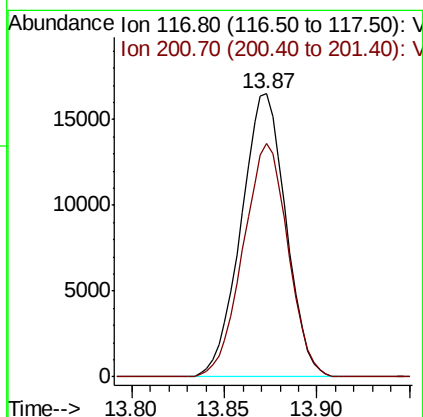
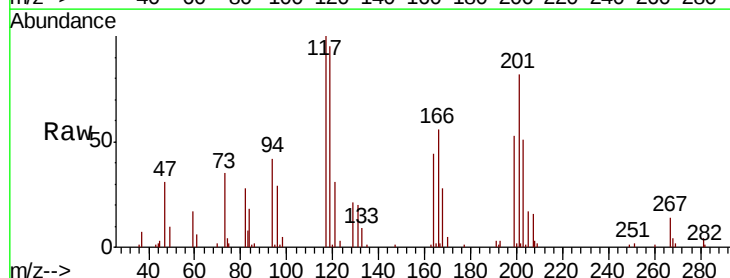
Instrument :
MSVOA_N
ClientSampled :

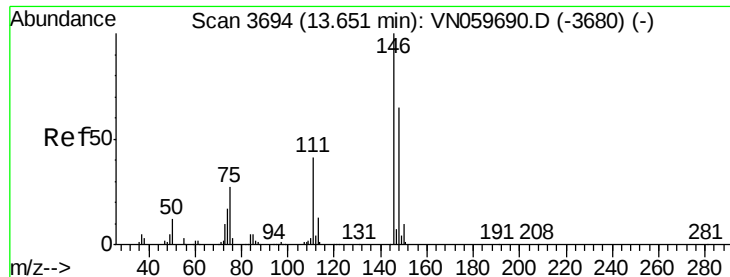
Tot Ion: 91 Resp: 128748
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.7
134 26.4 12.3 36.8



#90
Hexachloroethane
Concen: 19.937 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060056.D
Acq: 11 Feb 2020 11:40

Tgt Ion: 117 Resp: 27855
Ion Ratio Lower Upper
117 100
201 82.4 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 20.222 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

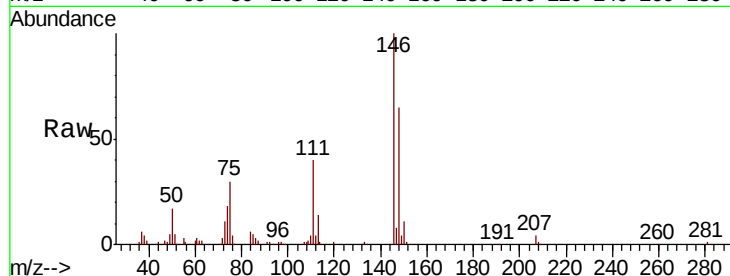
Tot Ion:146 Resp: 74264

Ion Ratio Lower Upper

146 100

111 40.1 21.6 64.8

148 64.8 31.6 95.0

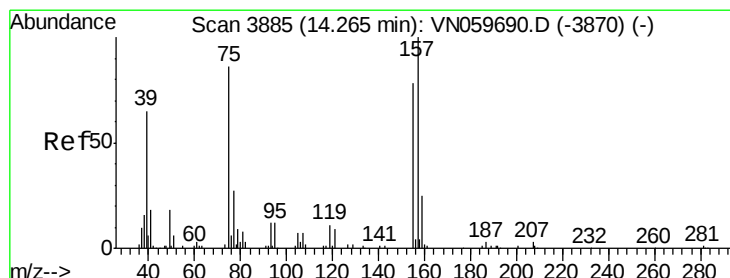
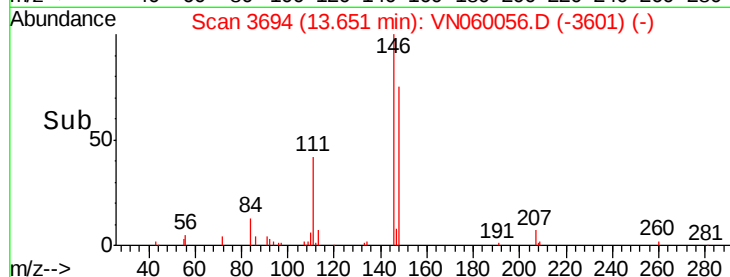
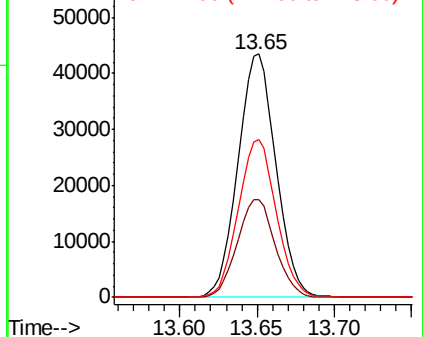


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.269 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

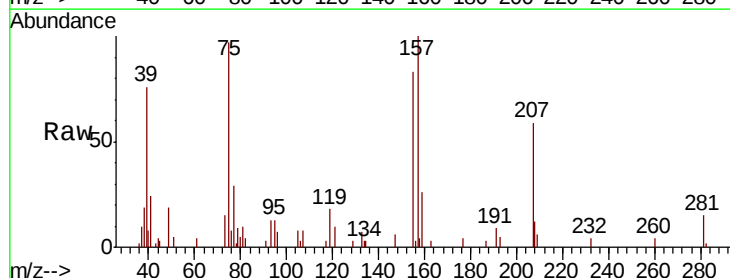
Tgt Ion: 75 Resp: 11303

Ion Ratio Lower Upper

75 100

155 84.4 37.0 110.9

157 103.5 48.4 145.2

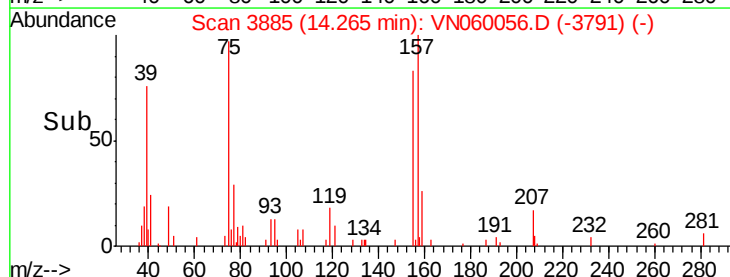
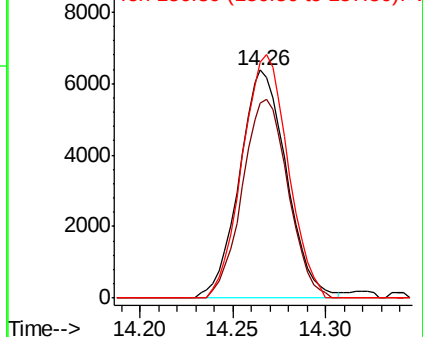


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

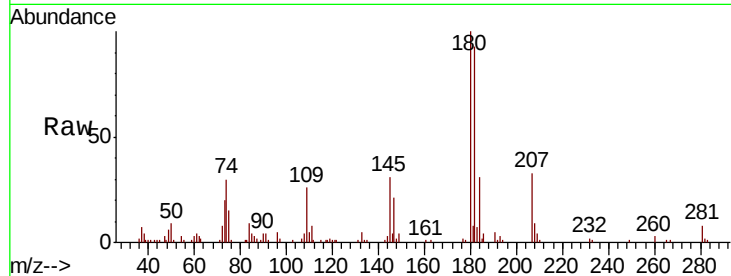




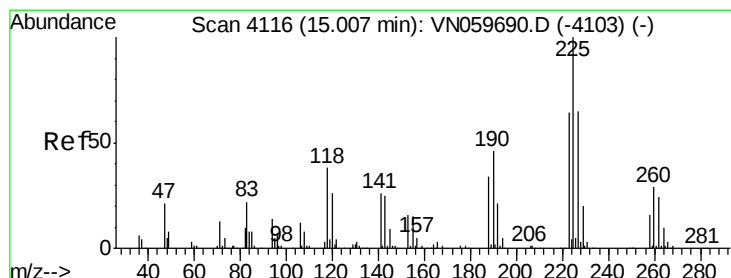
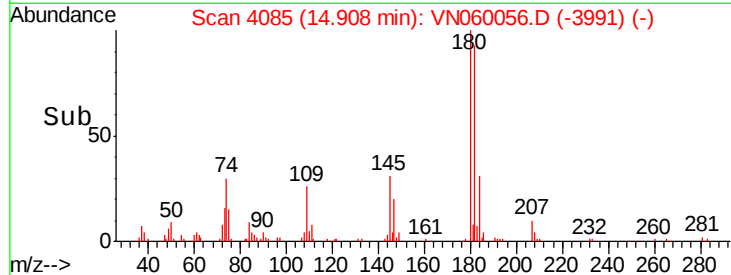
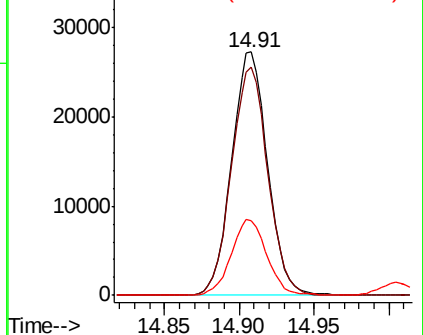
#93
 1,2,4-Trichlorobenzene
 Concen: 20.675 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 45625
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.9 140.7
 145 30.7 15.0 45.1

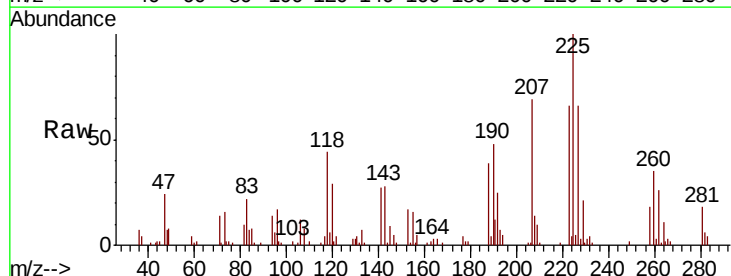


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

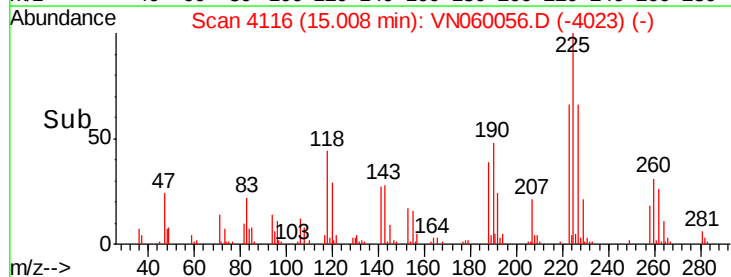
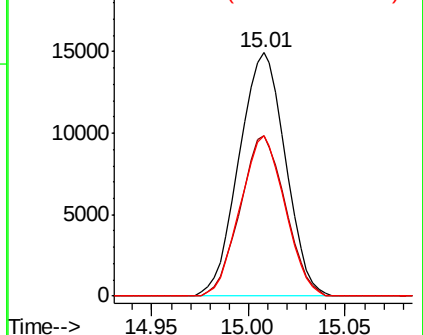


#94
 Hexachlorobutadiene
 Concen: 20.530 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060056.D
 Acq: 11 Feb 2020 11:40

Tgt Ion:225 Resp: 24966
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.8 95.3
 227 63.3 32.1 96.5



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





#95

Naphthalene

Concen: 20.336 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

Instrument :

MSVOA_N

ClientSampled :

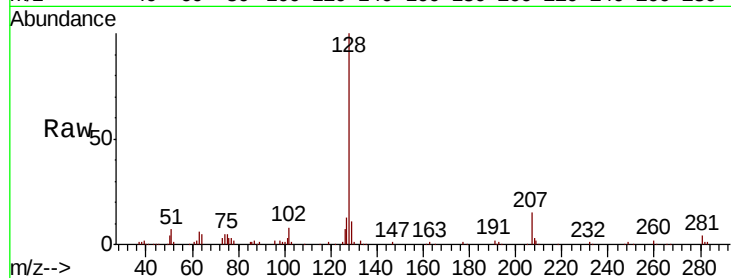
Tot Ion:128 Resp: 127641

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

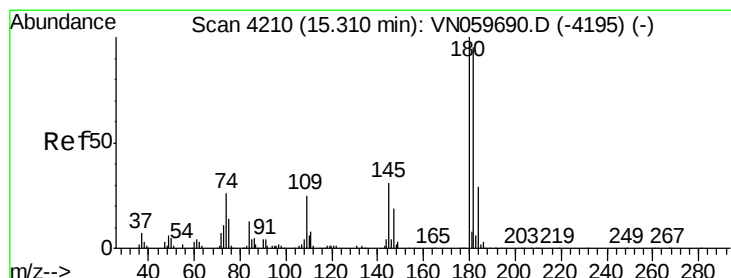
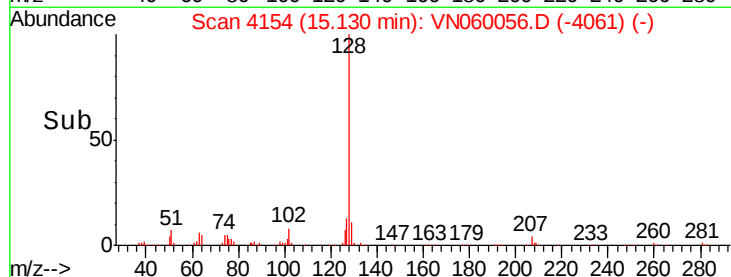
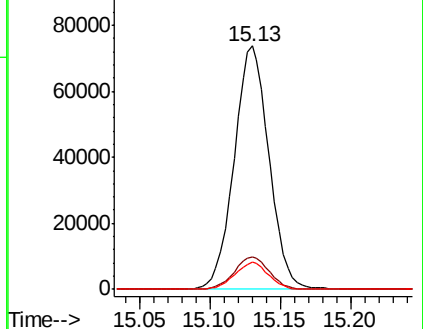
129 10.8 8.6 12.8



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: 21.310 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060056.D

Acq: 11 Feb 2020 11:40

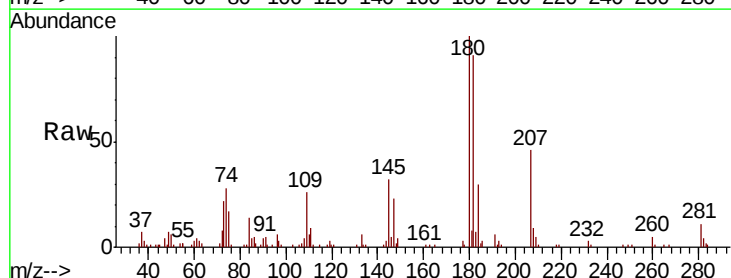
Tgt Ion:180 Resp: 45772

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 32.0 16.3 48.9



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

