

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061008.D
 Acq On : 16 Apr 2020 13:04
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 13:26:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	170403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	288202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	312178	136.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.52%	
35) Dibromofluoromethane	7.56	113	246936	143.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.90%	
50) Toluene-d8	10.08	98	914065	133.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	266.32%	
62) 4-Bromofluorobenzene	12.39	95	374121	146.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	338809	193.812	ug/l	99
3) Chloromethane	2.03	50	472440	153.099	ug/l	99
4) Vinyl Chloride	2.16	62	387716	159.469	ug/l	100
5) Bromomethane	2.52	94	183426	169.241	ug/l	100
6) Chloroethane	2.67	64	227537	162.435	ug/l	100
7) Trichlorofluoromethane	3.00	101	472713	157.304	ug/l	100
8) Diethyl Ether	3.38	74	190694	158.668	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	267826	154.682	ug/l	99
10) Methyl Iodide	3.92	142	267296	171.671	ug/l	100
11) Tert butyl alcohol	4.73	59	291992	828.491	ug/l	100
12) 1,1-Dichloroethene	3.71	96	282523	152.725	ug/l	100
13) Acrolein	3.57	56	251191	684.359	ug/l	100
14) Allyl chloride	4.29	41	517182	157.099	ug/l	98
15) Acrylonitrile	4.94	53	845260	827.534	ug/l	99
16) Acetone	3.77	43	684080	795.091	ug/l	99
17) Carbon Disulfide	4.03	76	872359	154.636	ug/l	99
18) Methyl Acetate	4.28	43	474992	193.475	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	969474	151.933	ug/l	99
20) Methylene Chloride	4.52	84	315937	154.373	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	299742	152.053	ug/l	97
22) Diisopropyl ether	5.91	45	1103971	159.526	ug/l	97
23) Vinyl Acetate	5.85	43	4345746	773.957	ug/l	99
24) 1,1-Dichloroethane	5.81	63	591322	156.804	ug/l	100
25) 2-Butanone	6.79	43	1142331	834.936	ug/l	100
26) 2,2-Dichloropropane	6.79	77	491009	162.942	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	341222	151.901	ug/l	100
28) Bromochloromethane	7.17	49	248688	138.555	ug/l	99
29) Tetrahydrofuran	7.18	42	769716	802.056	ug/l	99
30) Chloroform	7.34	83	552284	153.192	ug/l	98
31) Cyclohexane	7.63	56	574039	150.263	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	480135	155.080	ug/l	99
36) 1,1-Dichloropropene	7.77	75	446579	158.770	ug/l	100
37) Ethyl Acetate	6.89	43	476931	156.128	ug/l	99
38) Carbon Tetrachloride	7.75	117	397521	158.675	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	543555	161.979	ug/l	99
40) Benzene	8.02	78	1302606	153.583	ug/l	100
41) Methacrylonitrile	7.17	41	686621	526.105	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	449611	154.945	ug/l	100
43) Isopropyl Acetate	8.14	43	809936	161.227	ug/l	100
44) Trichloroethene	8.81	130	326811	153.584	ug/l	100
45) 1,2-Dichloropropane	9.10	63	356363	158.929	ug/l	97
46) Dibromomethane	9.19	93	212309	157.375	ug/l	99
47) Bromodichloromethane	9.38	83	446478	158.691	ug/l	99
48) Methyl methacrylate	9.18	41	378264	168.743	ug/l	98
49) 1,4-Dioxane	9.18	88	97549	3613.735	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	2330714	813.874	ug/l	98
52) Toluene	10.14	92	795909	155.542	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	532703	164.720	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	570081	160.306	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	299535	152.174	ug/l	96
56) Ethyl methacrylate	10.42	69	527239	171.595	ug/l	99
57) 1,3-Dichloropropane	10.70	76	535812	156.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	1198948	817.916	ug/l	100
59) 2-Hexanone	10.74	43	1742574	845.018	ug/l	99
60) Dibromochloromethane	10.89	129	330206	162.944	ug/l	99
61) 1,2-Dibromoethane	10.99	107	315747	160.051	ug/l	100
64) Tetrachloroethene	10.62	164	298417	143.496	ug/l	100
65) Chlorobenzene	11.42	112	813972	153.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	294289	153.694	ug/l	100
67) Ethyl Benzene	11.50	91	1541949	156.538	ug/l	99
68) m/p-Xylenes	11.61	106	1131542	310.375	ug/l	97
69) o-Xylene	11.94	106	543421	156.178	ug/l	99
70) Styrene	11.96	104	941225	165.220	ug/l	99
71) Bromoform	12.12	173	244021	170.997	ug/l #	99
73) Isopropylbenzene	12.24	105	1456072	149.693	ug/l	100
74) N-amyl acetate	12.06	43	729497	161.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	455686	154.121	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	636775	228.154	ug/l #	100
77) Bromobenzene	12.52	156	345443	147.947	ug/l	99
78) n-propylbenzene	12.59	91	1757243	152.422	ug/l	99
79) 2-Chlorotoluene	12.67	91	1028745	149.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1249670	151.276	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	175151	160.341	ug/l	99
82) 4-Chlorotoluene	12.77	91	1083796	154.735	ug/l	100
83) tert-Butylbenzene	12.99	119	1041236	152.021	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	1257064	153.936	ug/l	99
85) sec-Butylbenzene	13.17	105	1427844	154.658	ug/l	99
86) p-Isopropyltoluene	13.28	119	1290015	155.537	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	630236	152.487	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	636782	153.569	ug/l	99
89) n-Butylbenzene	13.61	91	1246773	165.674	ug/l	99
90) Hexachloroethane	13.87	117	204455	169.068	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	598266	151.821	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	97103	146.577	ug/l	99

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QLast Update : Thu Apr 16 12:43:37 2020
Response via : Initial Calibration

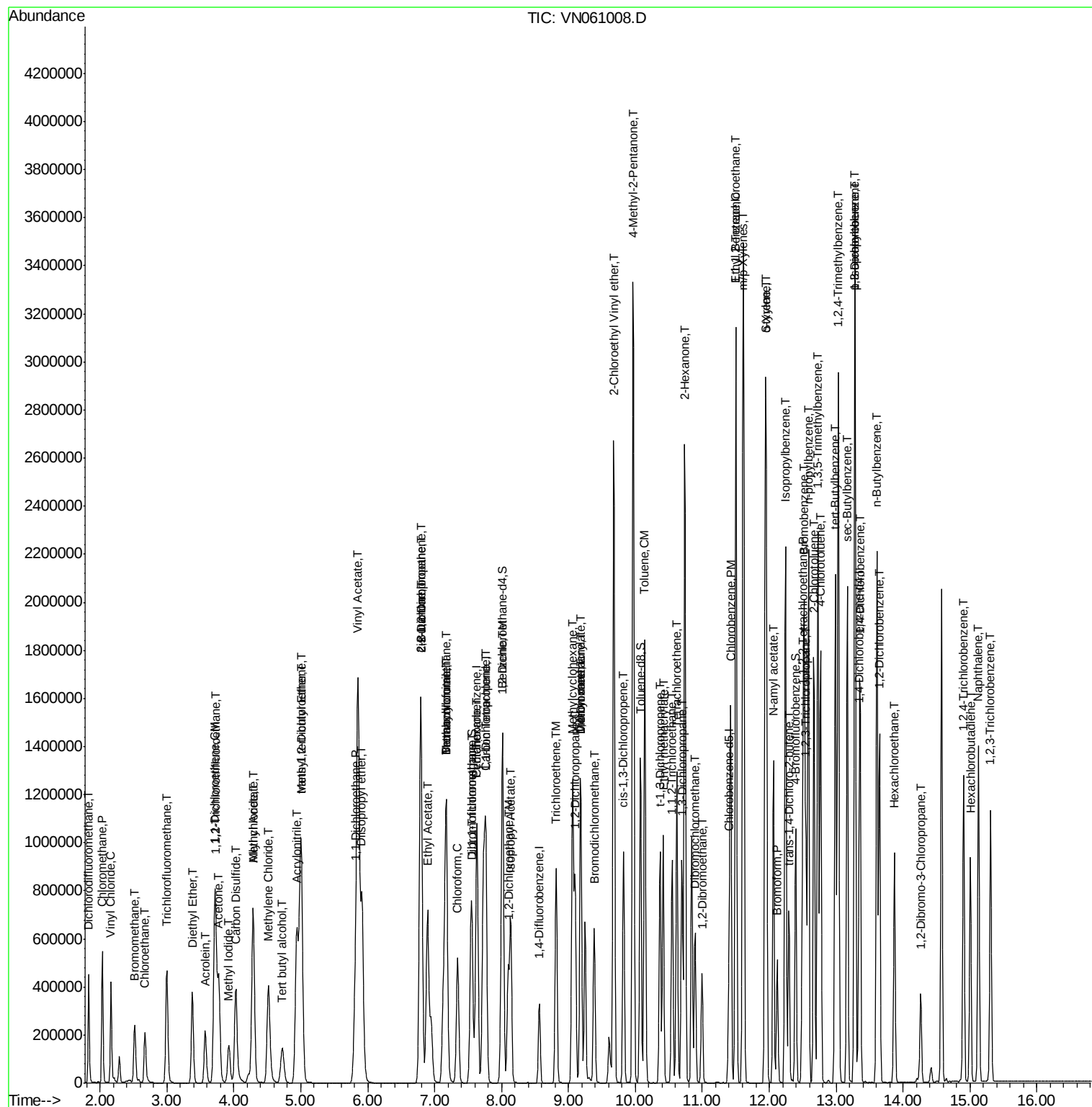
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	392702	162.373	ug/l	99
94) Hexachlorobutadiene	15.00	225	180500	150.977	ug/l	100
95) Naphthalene	15.13	128	1179875	163.041	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	376414	157.980	ug/l	100

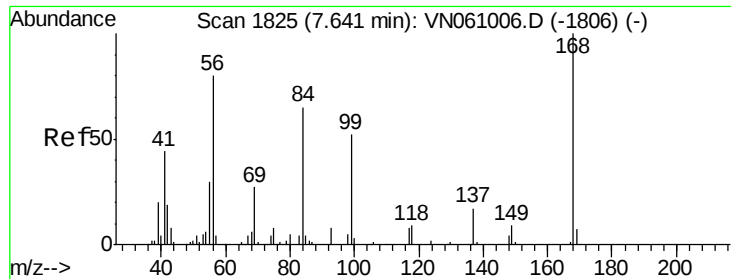
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

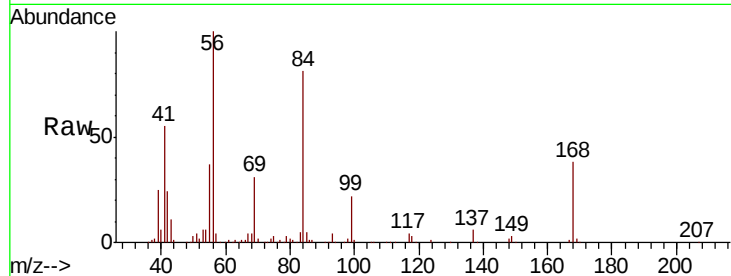
ClientSampleId :

Tot Ion:168 Resp: 170403

Ion Ratio Lower Upper

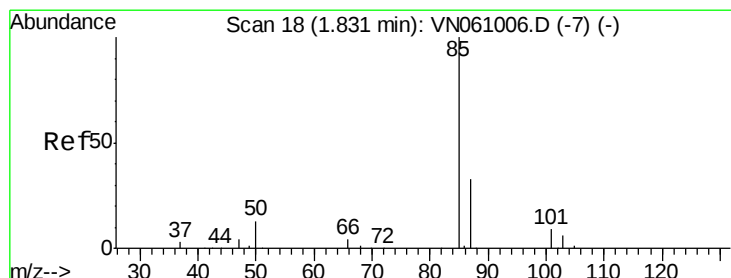
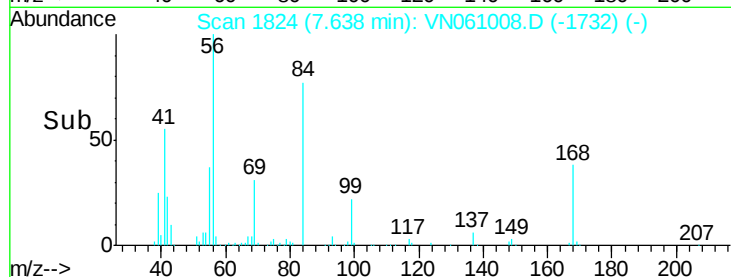
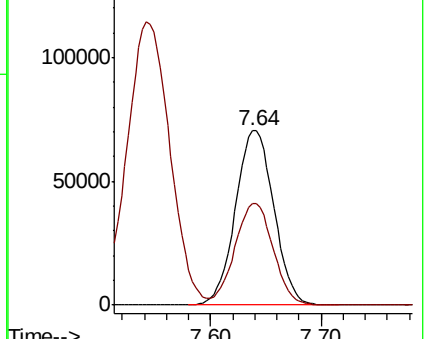
168 100

99 58.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 193.812 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061008.D

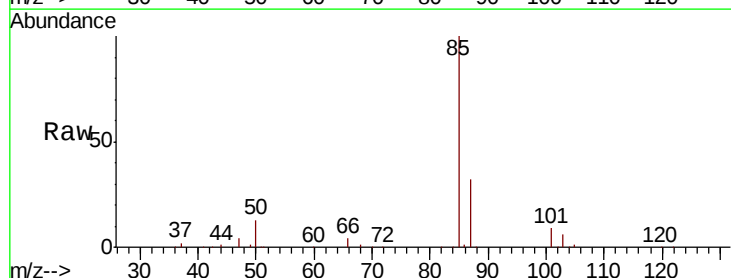
Acq: 16 Apr 2020 13:04

Tgt Ion: 85 Resp: 338809

Ion Ratio Lower Upper

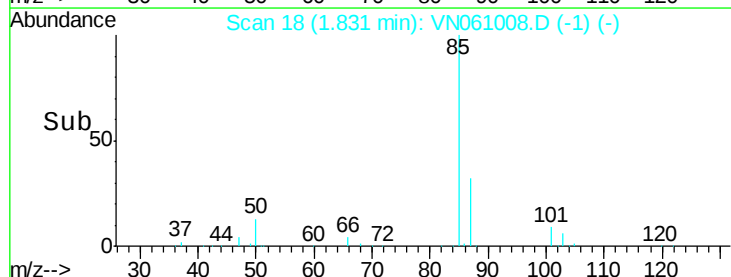
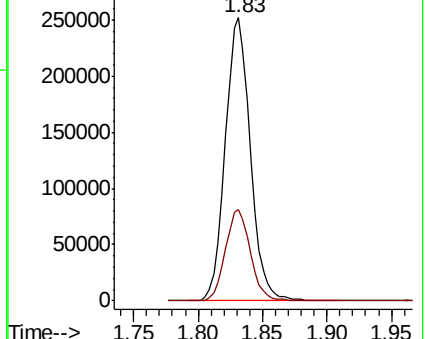
85 100

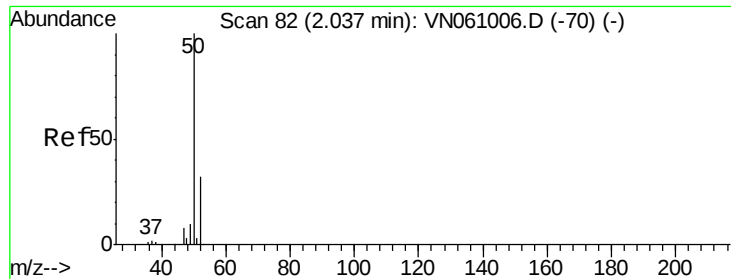
87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 153.099 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

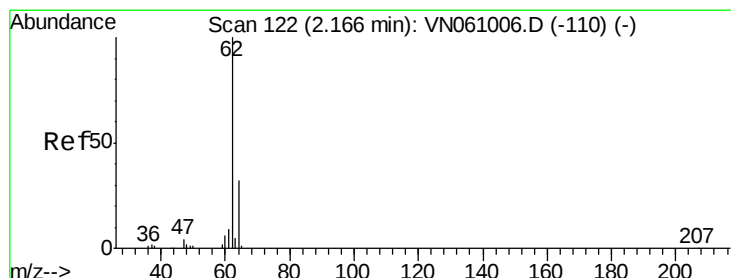
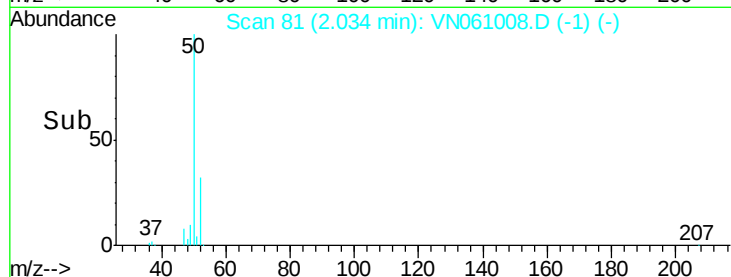
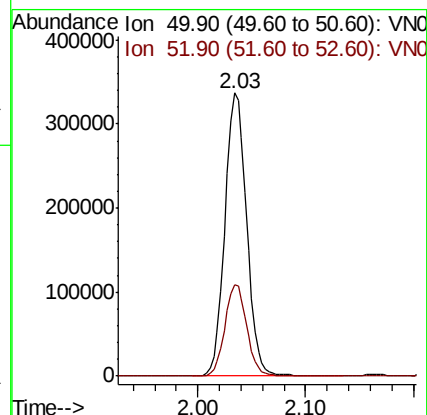
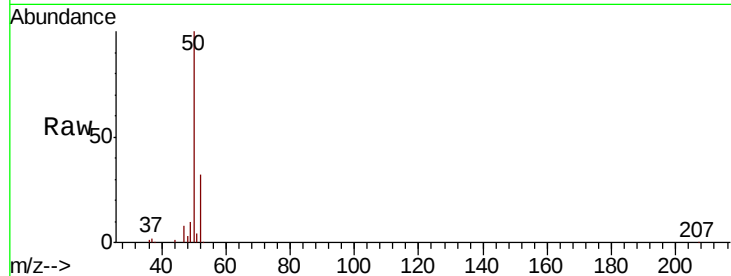
ClientSampleId :

Tot Ion: 50 Resp: 472440

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 159.469 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN061008.D

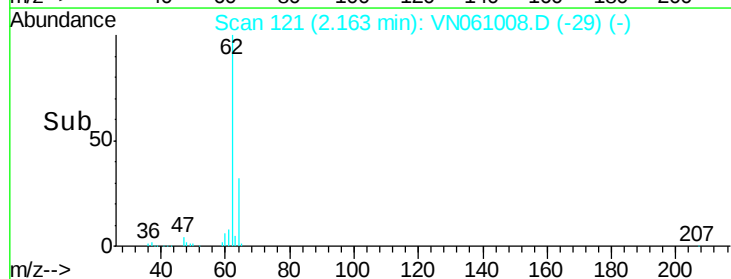
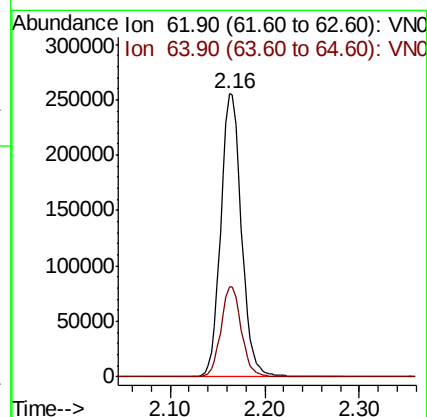
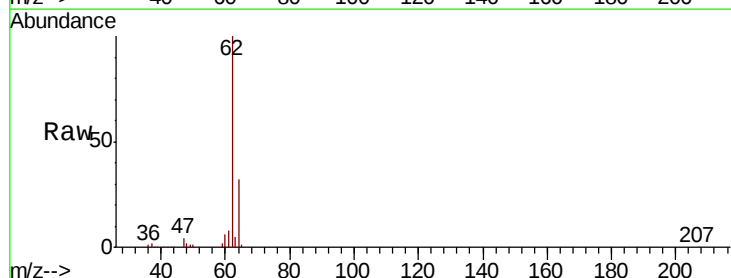
Acq: 16 Apr 2020 13:04

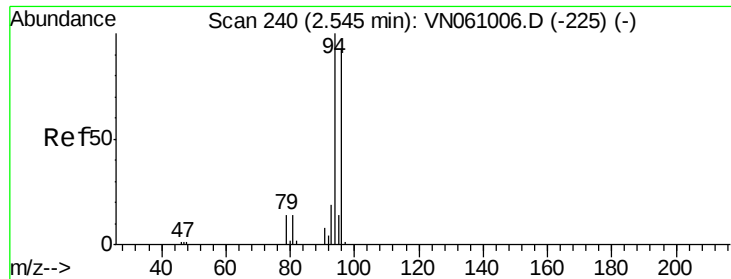
Tgt Ion: 62 Resp: 387716

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 169.241 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.03 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

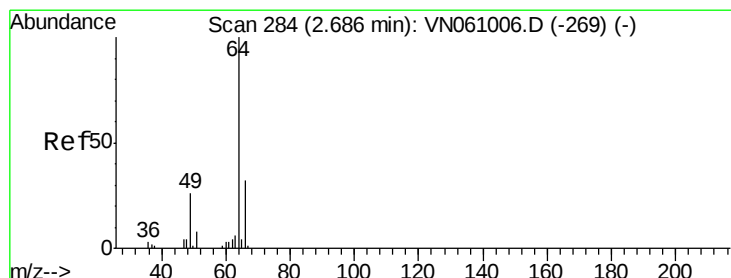
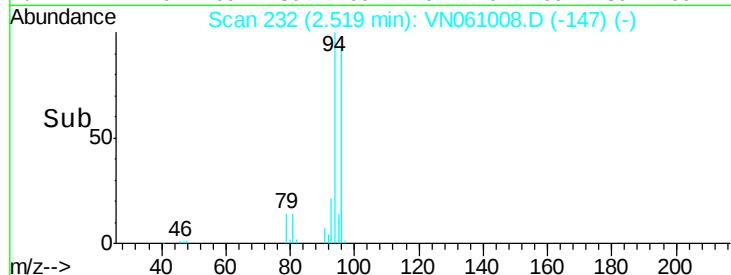
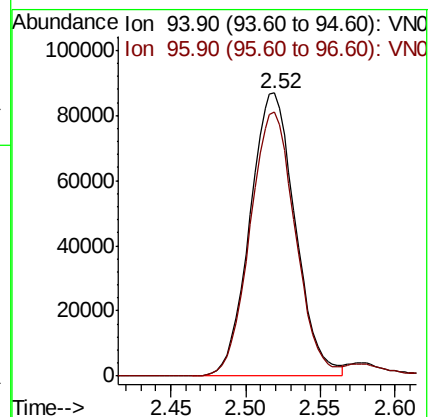
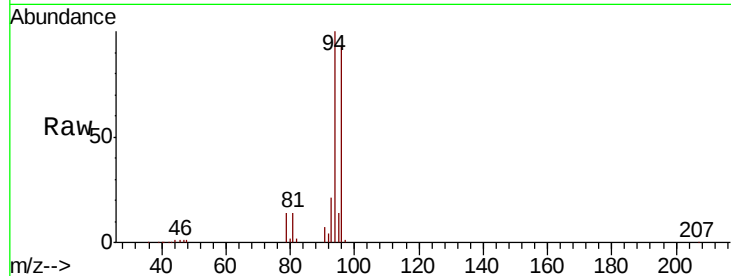
ClientSampleId :

Tot Ion: 94 Resp: 183426

Ion Ratio Lower Upper

94 100

96 93.2 74.3 111.5



#6

Chloroethane

Concen: 162.435 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.02 min

Lab File: VN061008.D

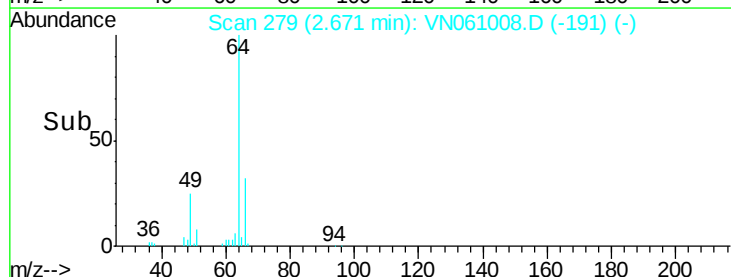
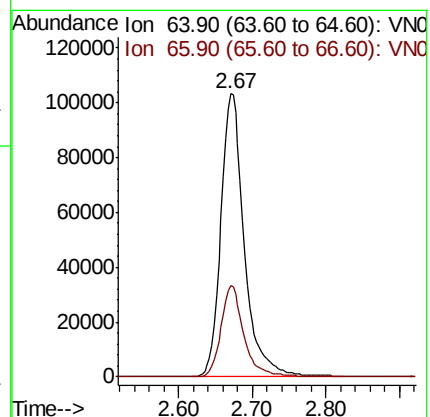
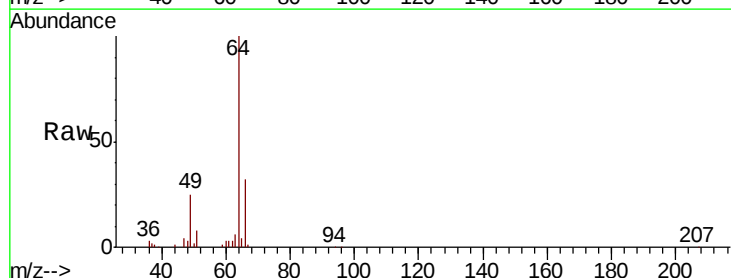
Acq: 16 Apr 2020 13:04

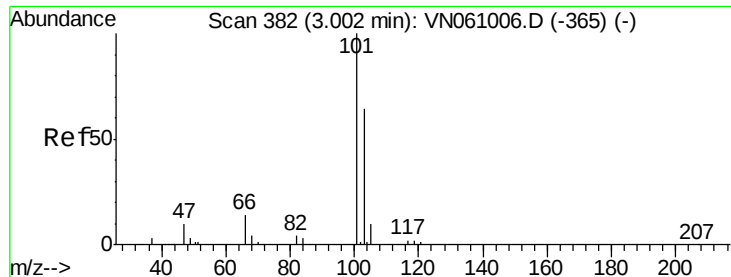
Tgt Ion: 64 Resp: 227537

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8



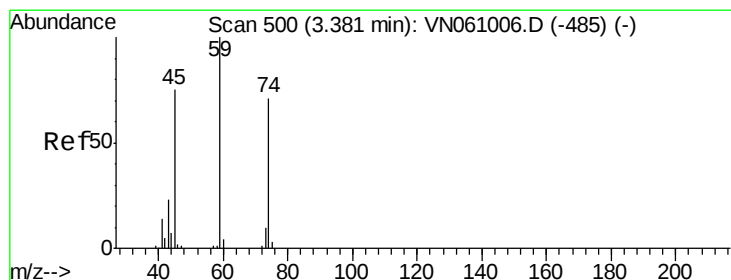
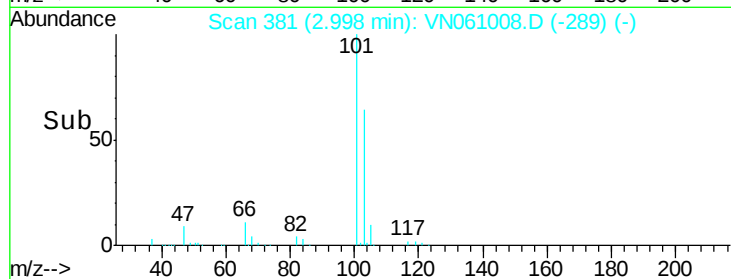
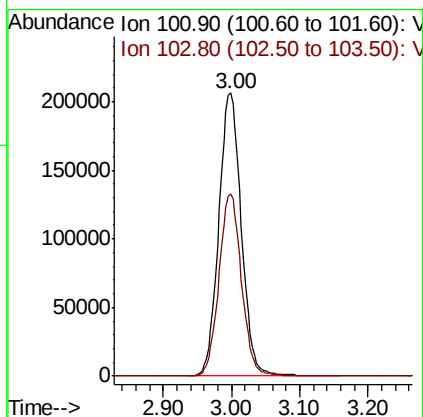
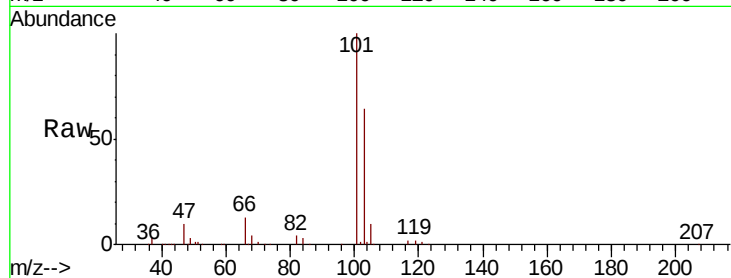


#7

Trichlorofluoromethane
Concen: 157.304 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

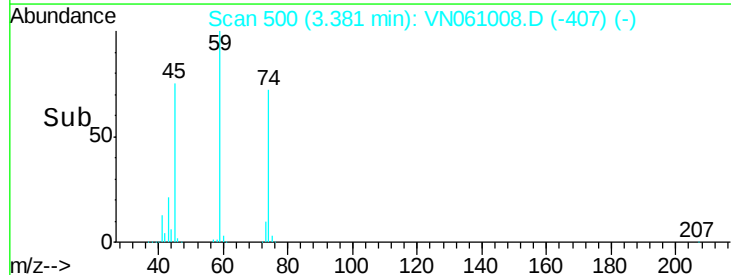
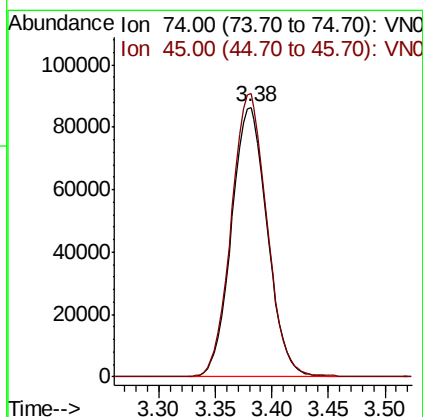
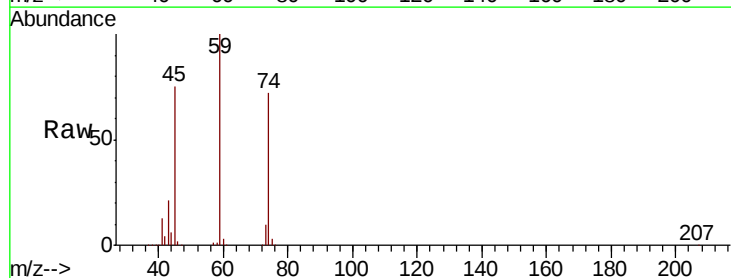
Tot Ion:101 Resp: 472713
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

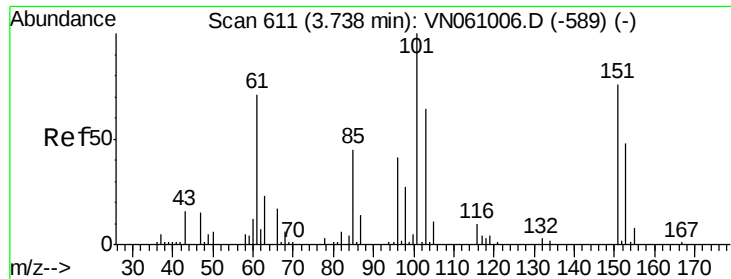


#8

Diethyl Ether
Concen: 158.668 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 74 Resp: 190694
Ion Ratio Lower Upper
74 100
45 104.9 52.9 158.8

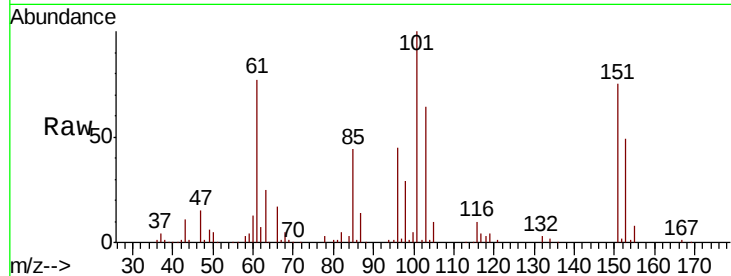




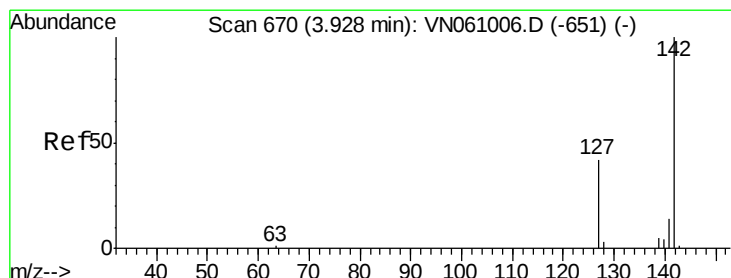
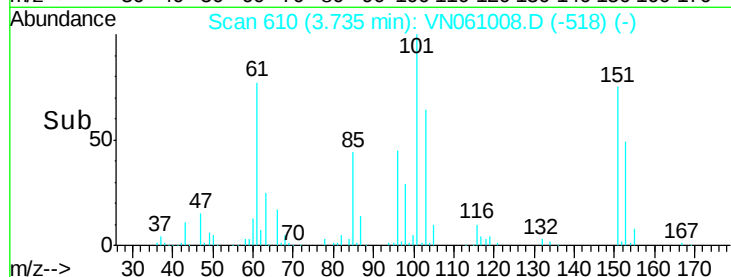
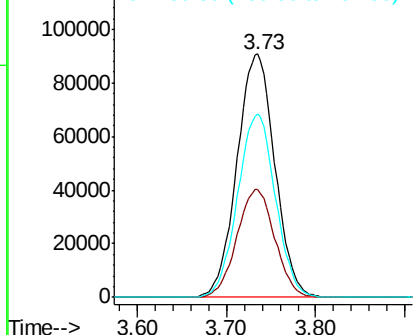
#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.682 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 267826
Ion Ratio Lower Upper
101 100
85 44.4 35.9 53.9
151 75.3 60.8 91.2

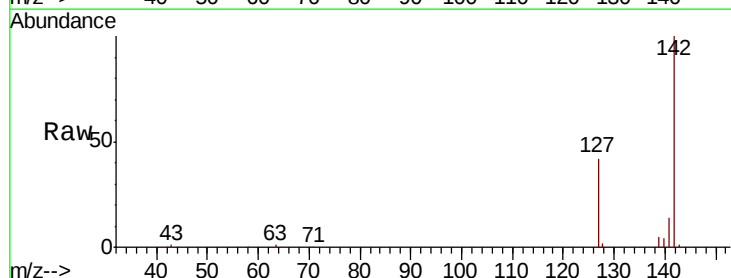


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V

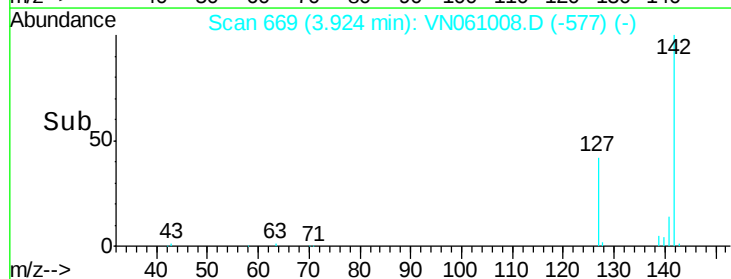
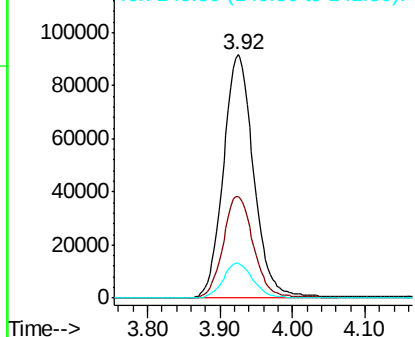


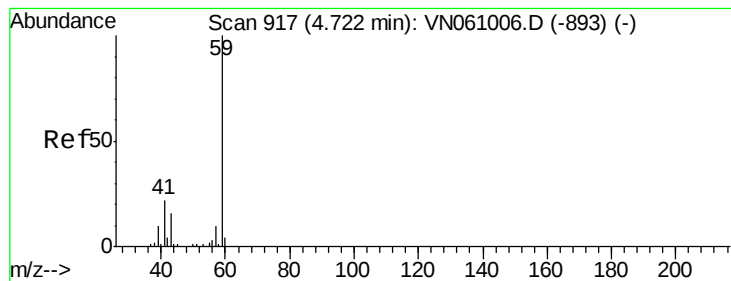
#10
Methyl Iodide
Concen: 171.671 ug/l
RT: 3.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion:142 Resp: 267296
Ion Ratio Lower Upper
142 100
127 41.7 33.4 50.2
141 14.2 11.0 16.6



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



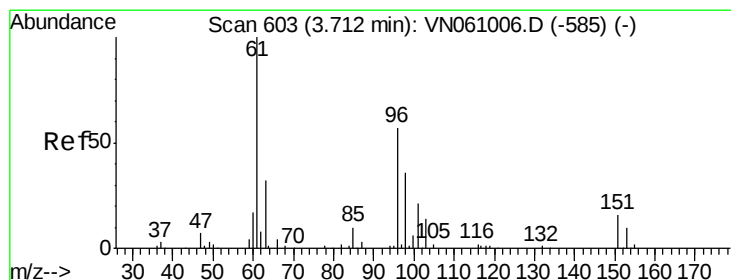
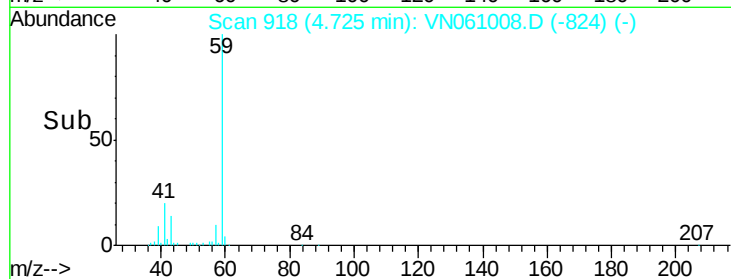
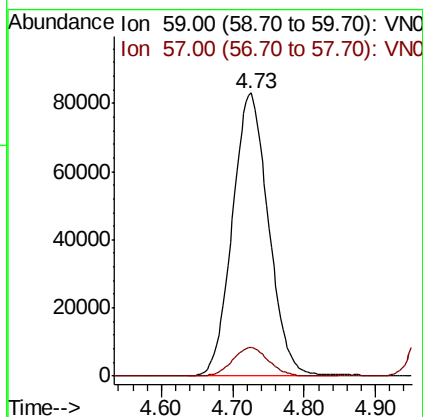
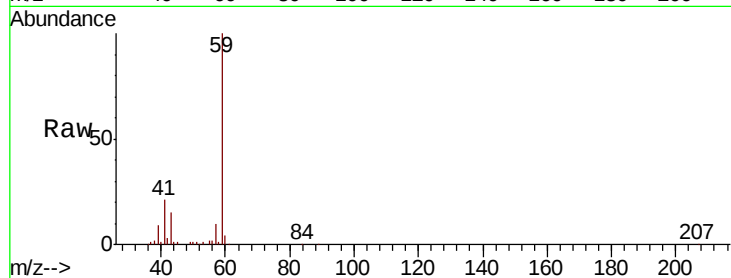


#11

Tert butyl alcohol
Concen: 828.491 ug/l
RT: 4.73 min Scan# 918
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

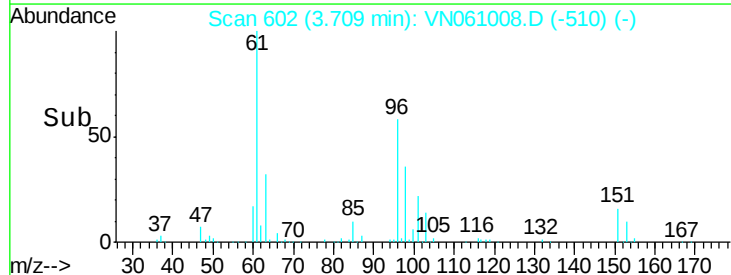
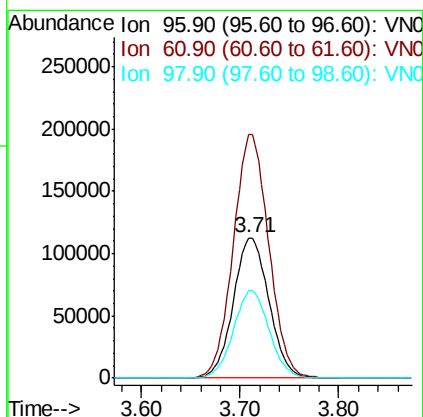
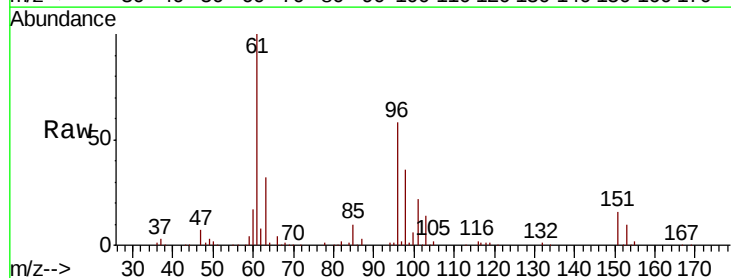
Tot Ion: 59 Resp: 291992
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

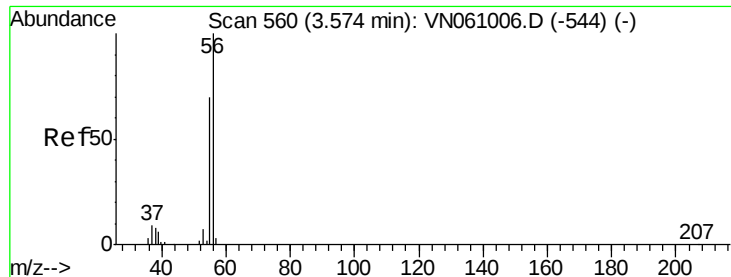


#12

1,1-Dichloroethene
Concen: 152.725 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 96 Resp: 282523
Ion Ratio Lower Upper
96 100
61 173.7 139.2 208.8
98 62.1 50.0 75.0





#13

Acrolein

Concen: 684.359 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

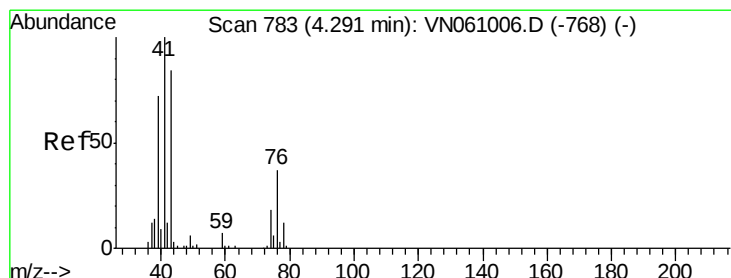
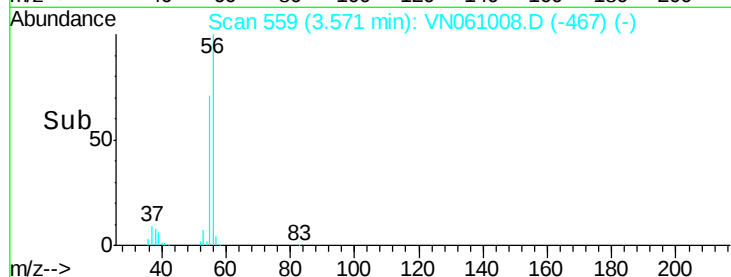
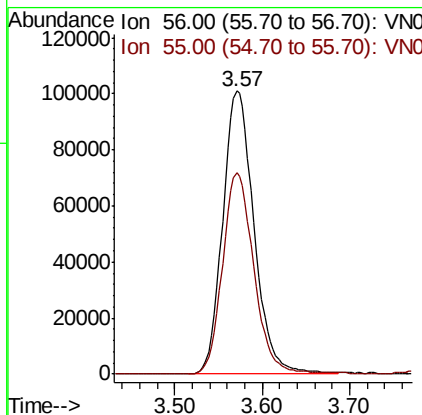
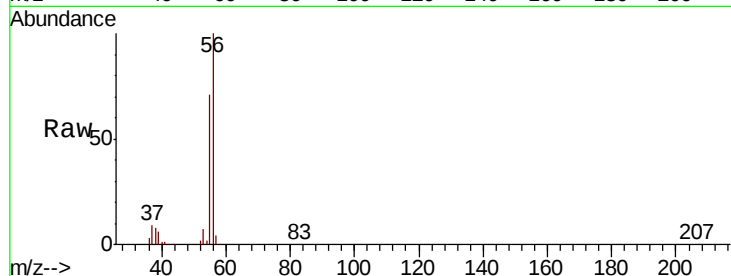
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 251191

Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.6



#14

Allyl chloride

Concen: 157.099 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

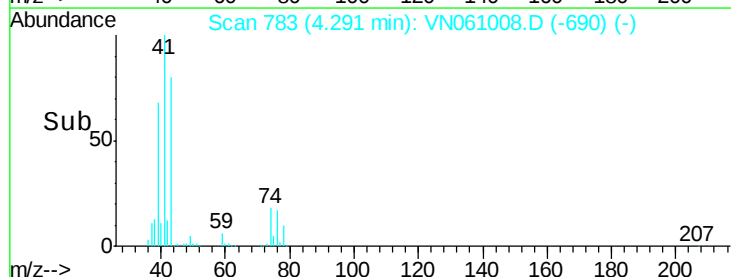
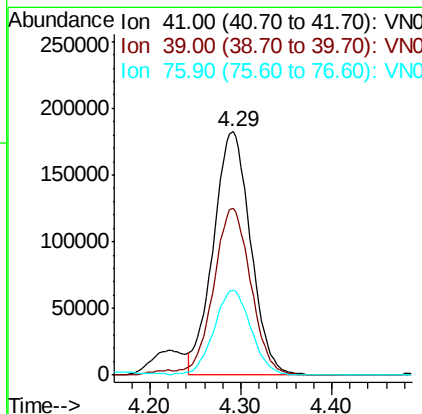
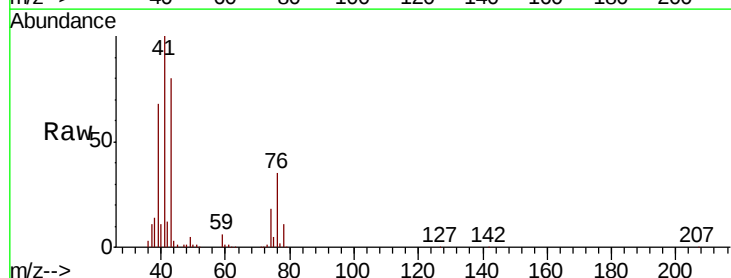
Tgt Ion: 41 Resp: 517182

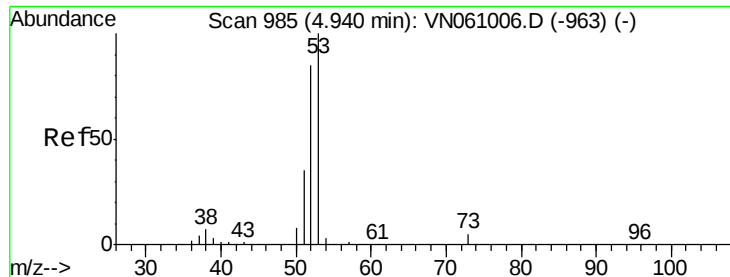
Ion Ratio Lower Upper

41 100

39 68.3 56.3 84.5

76 34.3 27.7 41.5





#15

Acrylonitrile

Concen: 827.534 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

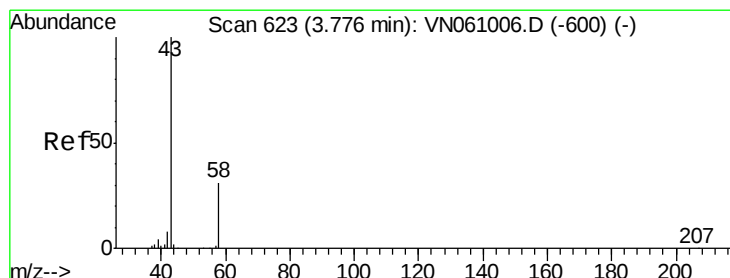
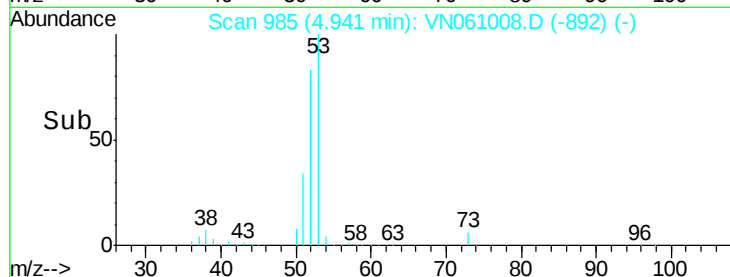
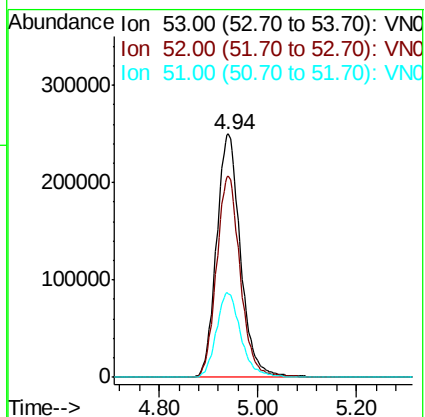
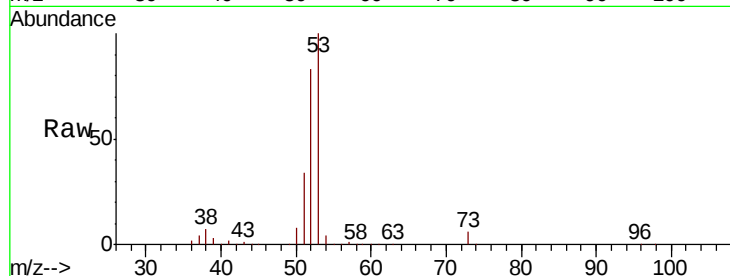
Tot Ion: 53 Resp: 845260

Ion Ratio Lower Upper

53 100

52 82.0 66.8 100.2

51 35.5 28.9 43.3



#16

Acetone

Concen: 795.091 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061008.D

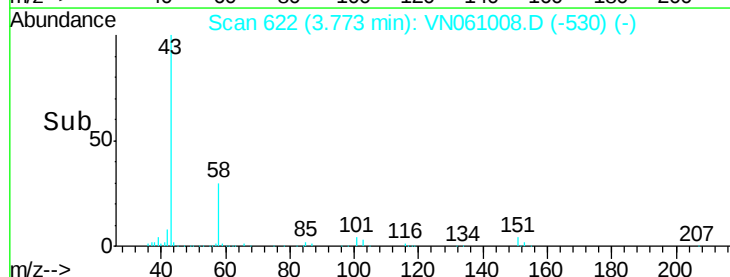
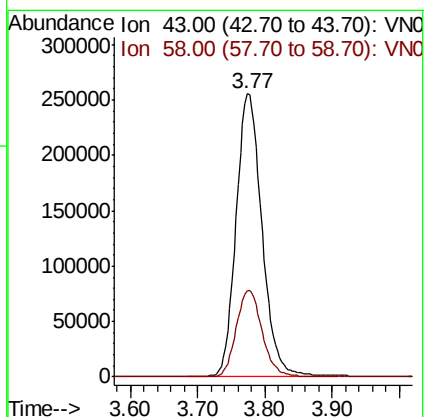
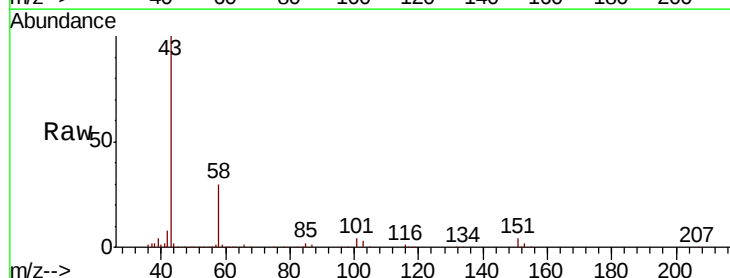
Acq: 16 Apr 2020 13:04

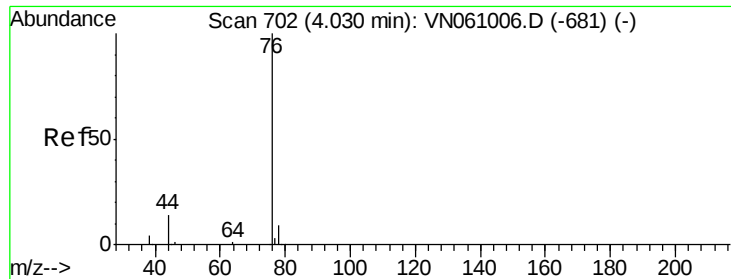
Tgt Ion: 43 Resp: 684080

Ion Ratio Lower Upper

43 100

58 30.5 24.6 37.0





#17

Carbon Disulfide

Concen: 154.636 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

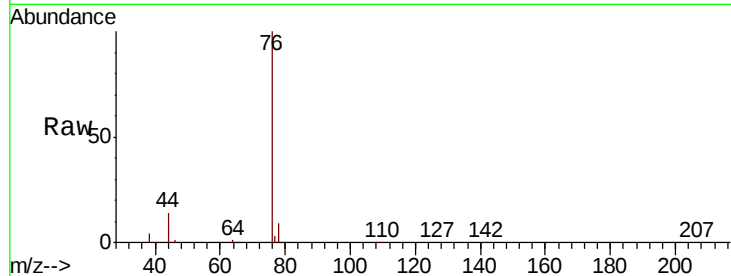
ClientSampleId :

Tot Ion: 76 Resp: 872359

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-681) (-)

4.03

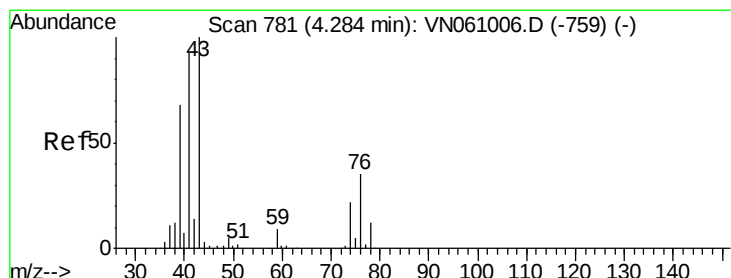
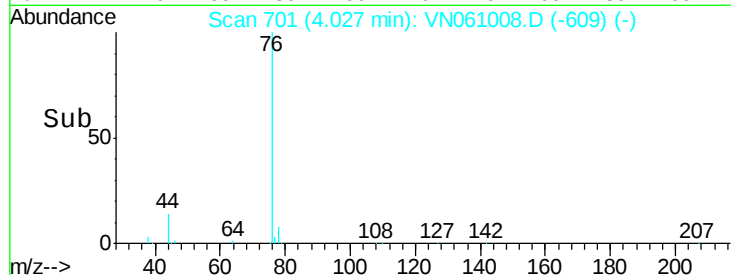
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 193.475 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN061008.D

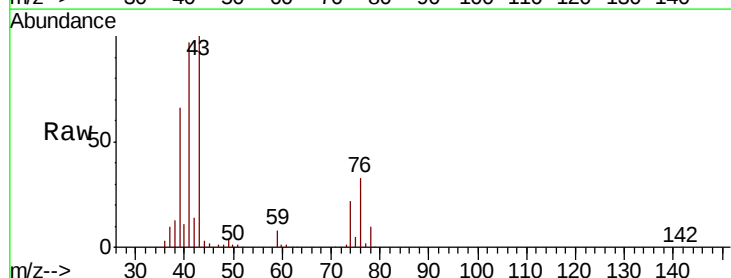
Acq: 16 Apr 2020 13:04

Tgt Ion: 43 Resp: 474992

Ion Ratio Lower Upper

43 100

74 22.0 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN061006.D (-759) (-)

4.28

200000

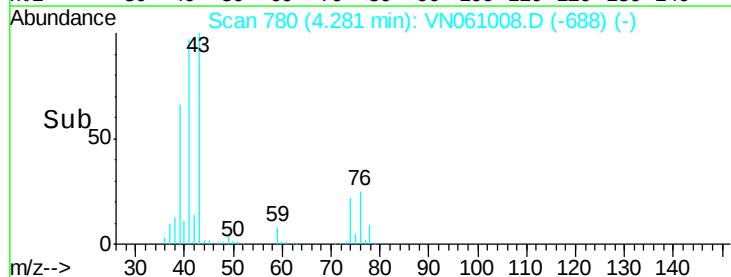
150000

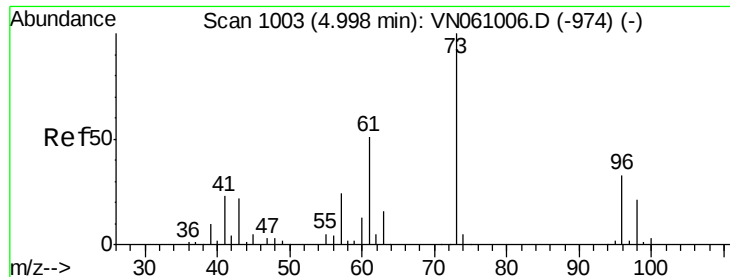
100000

50000

0

Time-->

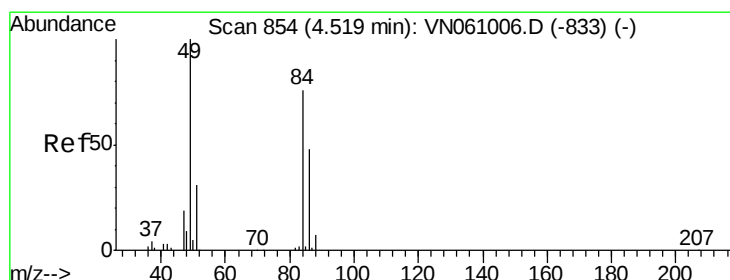
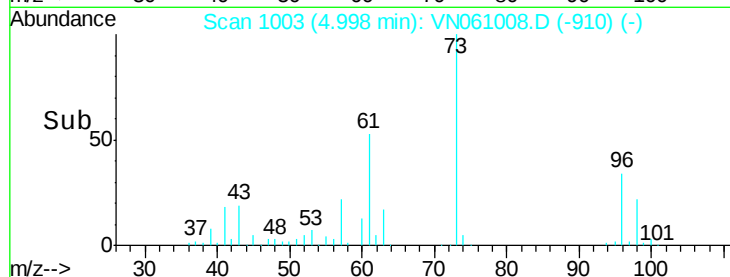
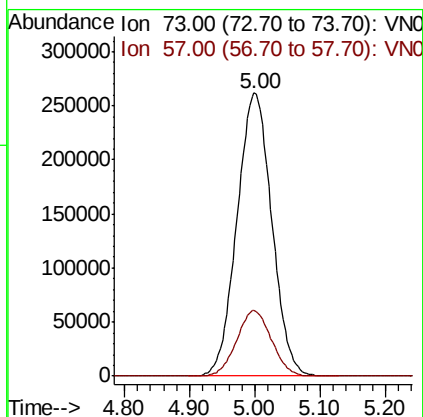
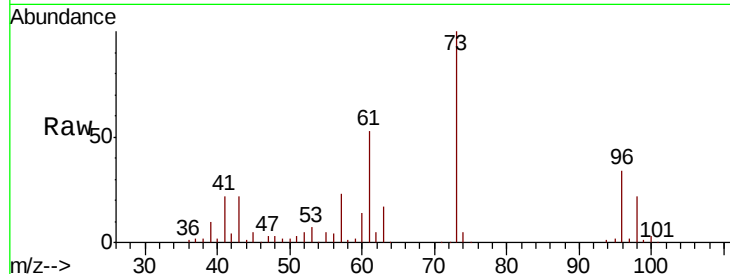




#19
Methvl tert-butvl Ether
Concen: 151.933 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

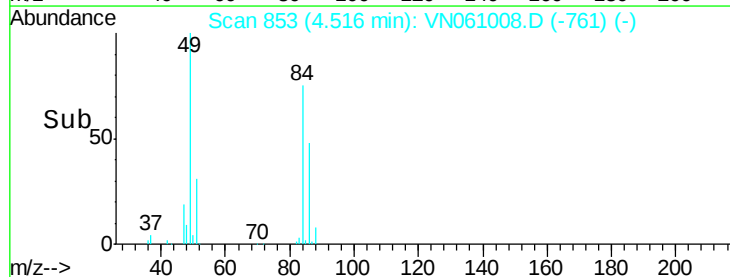
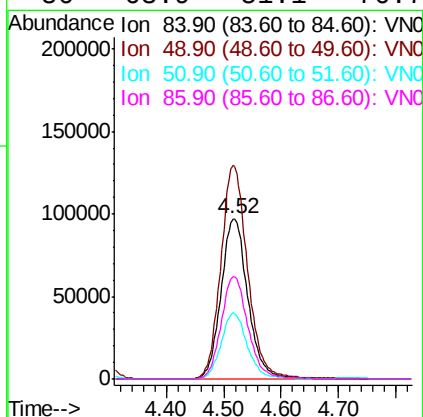
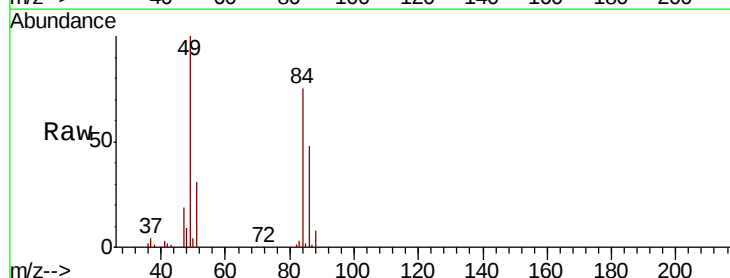
Instrument :
MSVOA_N
ClientSampleId :

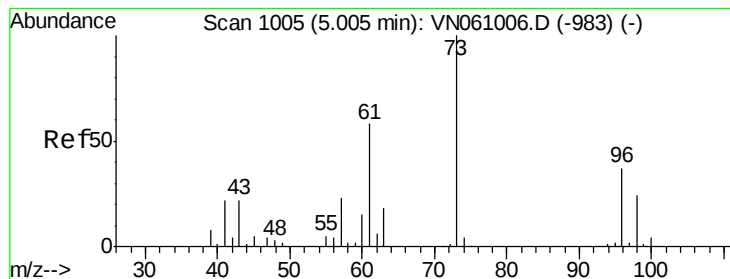
Tot Ion: 73 Resp: 969474
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.4



#20
Methylene Chloride
Concen: 154.373 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 84 Resp: 315937
Ion Ratio Lower Upper
84 100
49 133.4 105.8 158.6
51 41.2 32.4 48.6
86 63.9 51.1 76.7



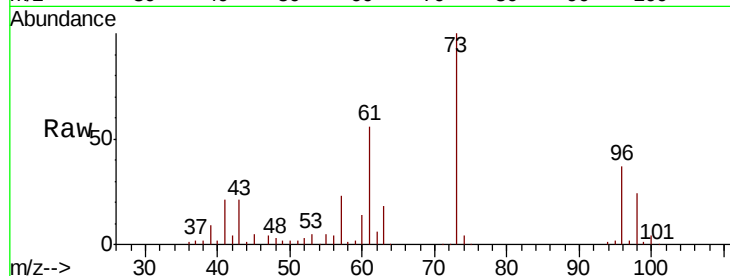


#21

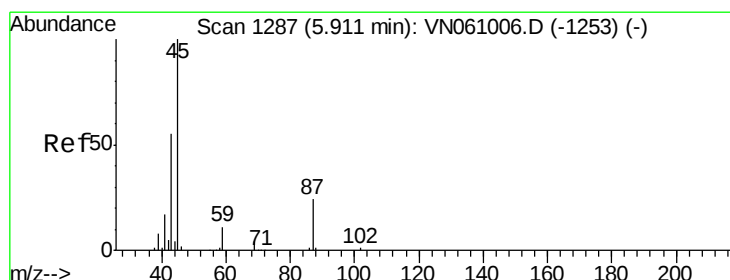
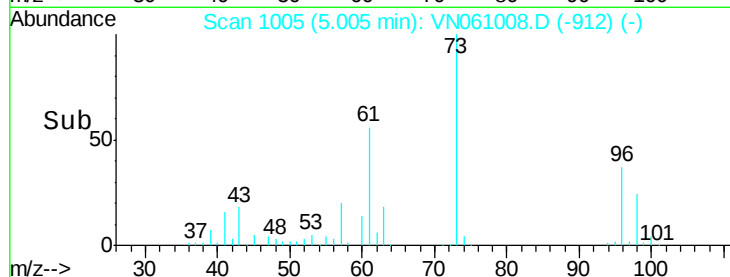
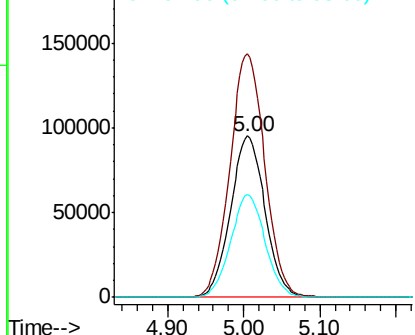
trans-1,2-Dichloroethene
Concen: 152.053 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 299742
Ion Ratio Lower Upper
96 100
61 150.7 124.8 187.2
98 63.8 51.3 76.9



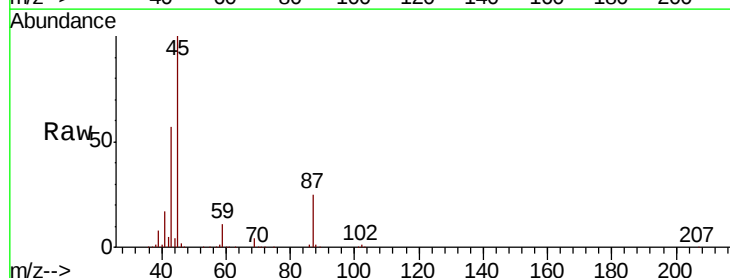
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



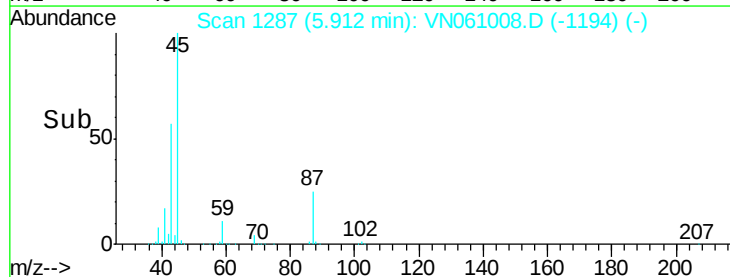
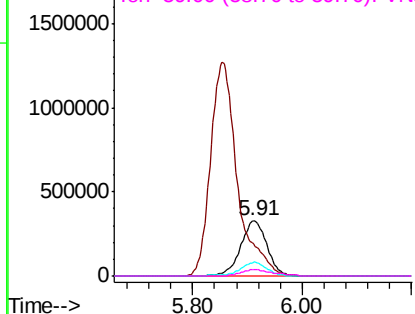
#22

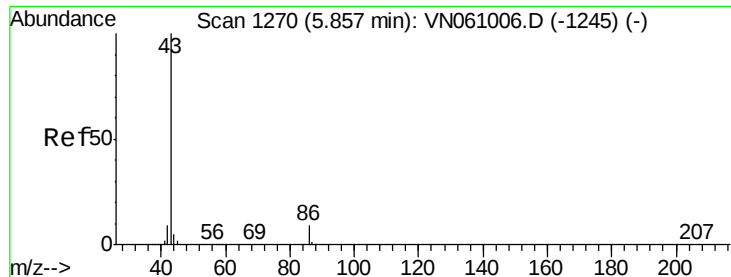
Diisopropyl ether
Concen: 159.526 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 45 Resp: 1103971
Ion Ratio Lower Upper
45 100
43 57.0 48.6 72.8
87 24.5 19.4 29.2
59 11.2 8.6 12.8



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





#23

Vinyl Acetate

Concen: 773.957 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

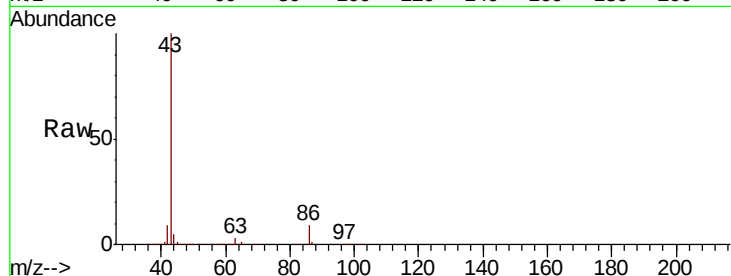
ClientSampled :

Tot Ion: 43 Resp: 4345746

Ion Ratio Lower Upper

43 100

86 9.5 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061008.D (-1177) (-)

Ion 86.00 (85.70 to 86.70): VN061008.D (-1177) (-)

5.85

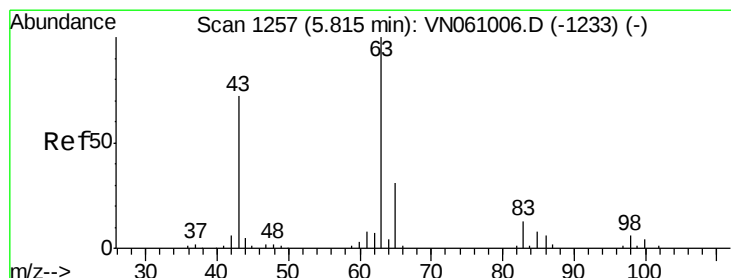
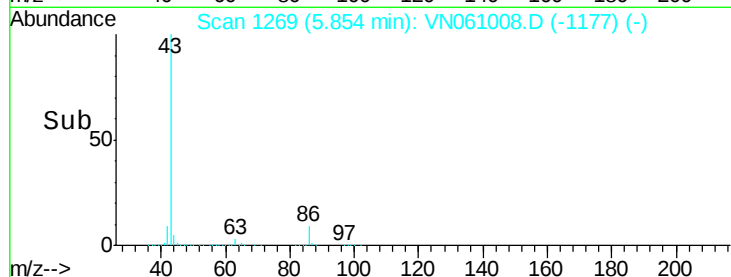
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 156.804 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

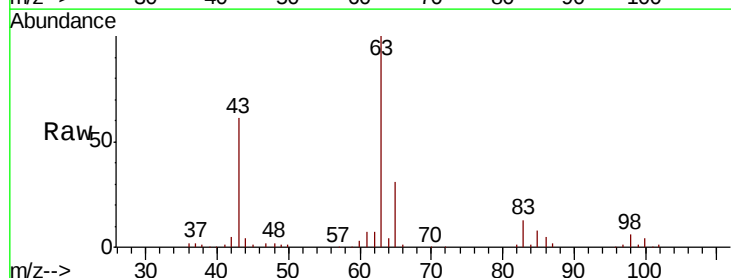
Tgt Ion: 63 Resp: 591322

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061008.D (-1164) (-)

Ion 97.90 (97.60 to 98.60): VN061008.D (-1164) (-)

Ion 99.90 (99.60 to 100.60): VN061008.D (-1164) (-)

250000

200000

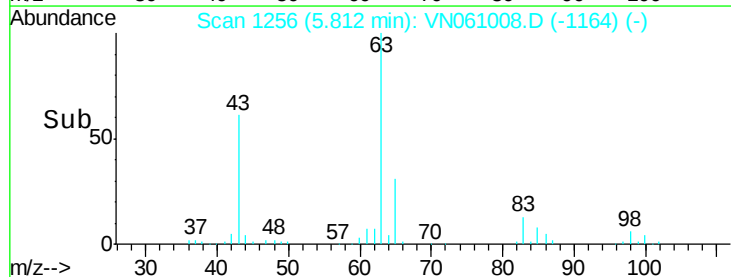
150000

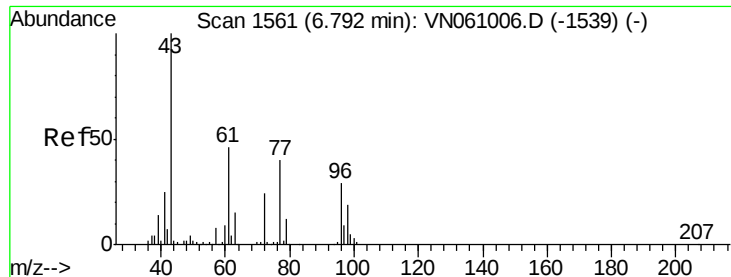
100000

50000

0

Time-->





#25

2-Butanone

Concen: 834.936 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

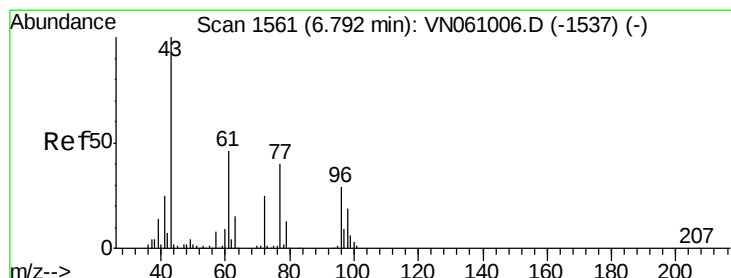
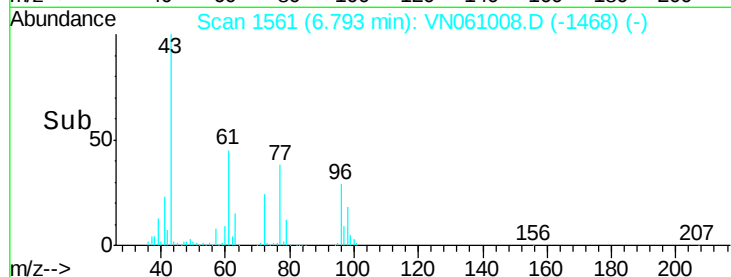
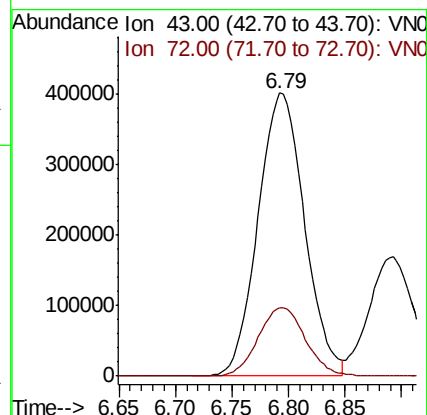
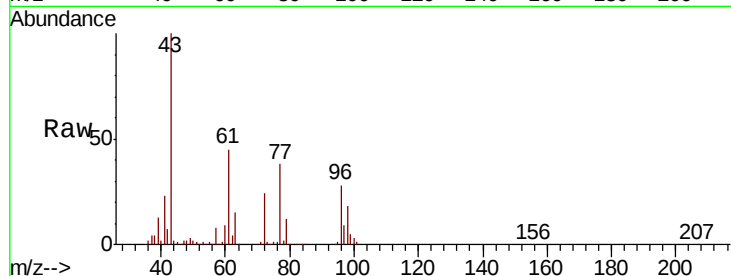
ClientSampled :

Tot Ion: 43 Resp: 1142331

Ion Ratio Lower Upper

43 100

72 24.3 19.6 29.4



#26

2,2-Dichloropropane

Concen: 162.942 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061008.D

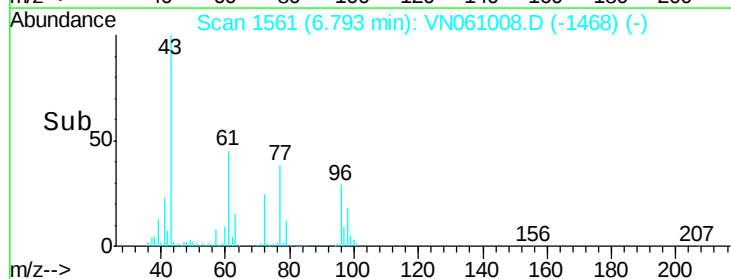
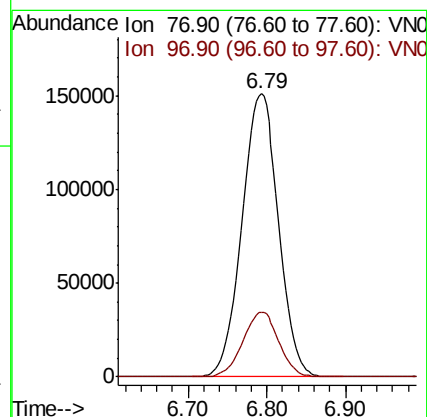
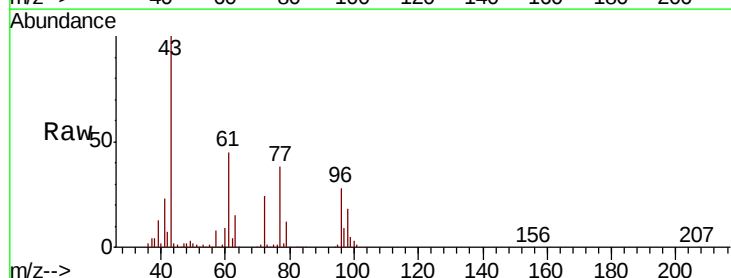
Acq: 16 Apr 2020 13:04

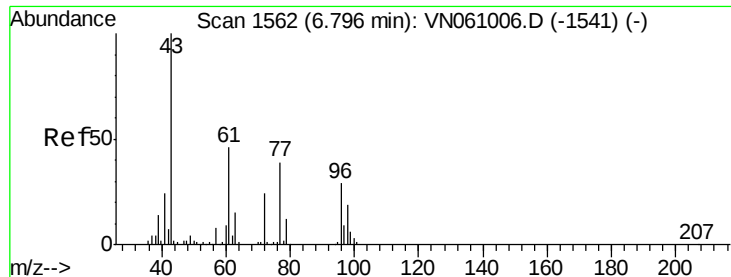
Tgt Ion: 77 Resp: 491009

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 151.901 ug/l

RT: 6.80 min Scan# 1562

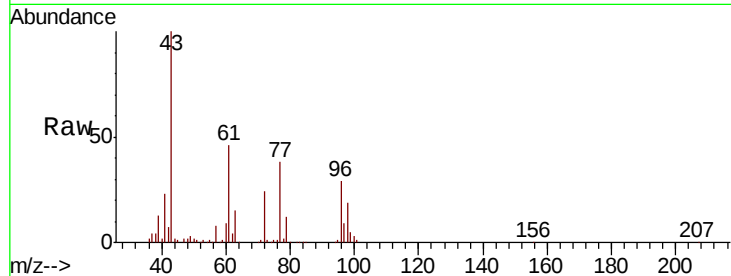
Delta R.T. 0.00 min

Lab File: VN061008.D

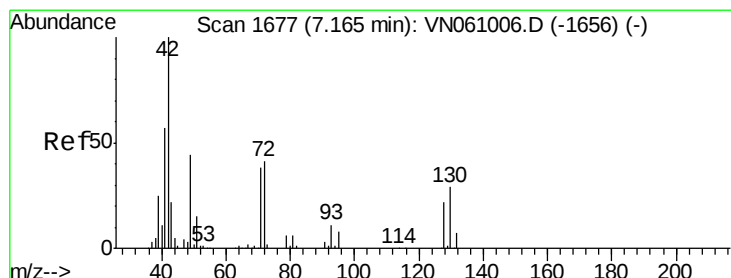
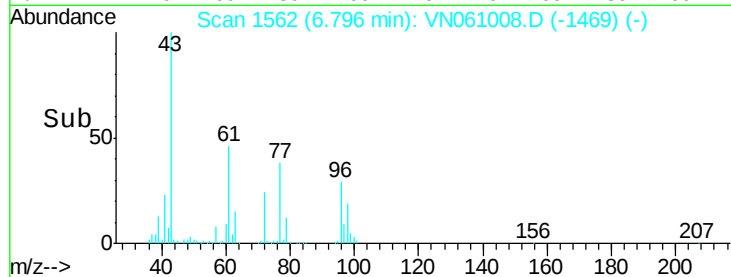
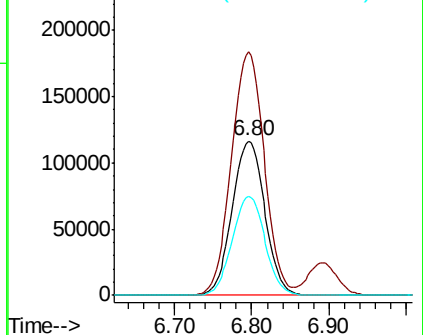
Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	96	Resp:	341222
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	317.4
98	64.3	0.0	127.8



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



#28

Bromochloromethane

Concen: 138.555 ug/l

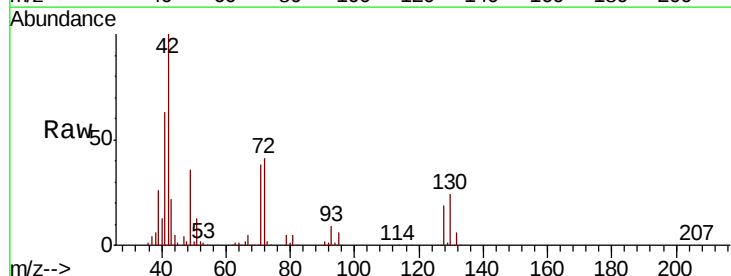
RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

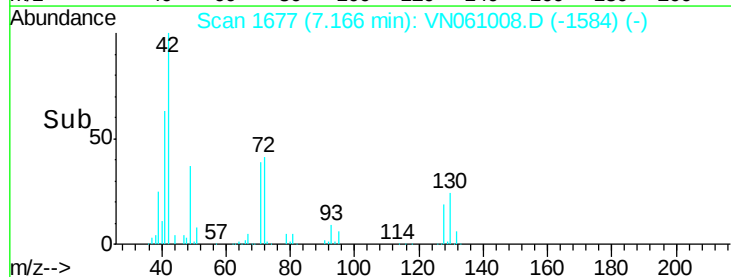
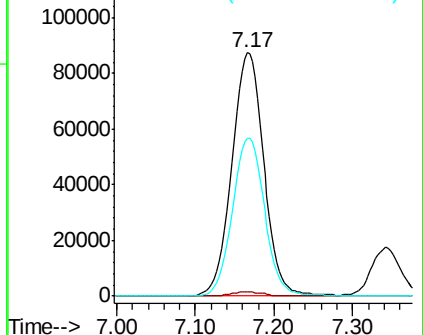
Lab File: VN061008.D

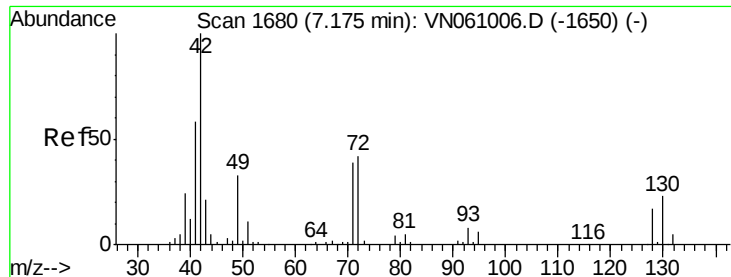
Acq: 16 Apr 2020 13:04

Tgt Ion:	49	Resp:	248688
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.0
130	65.4	52.9	79.3



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: 802.056 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampled :

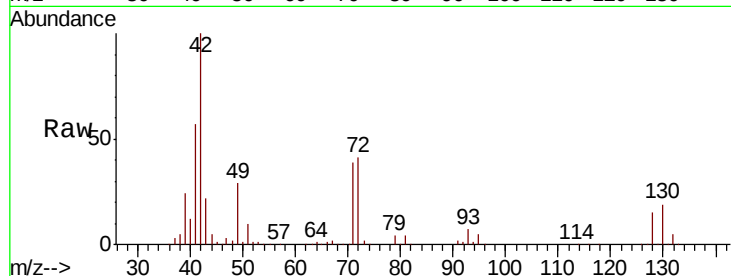
Tot Ion: 42 Resp: 769716

Ion Ratio Lower Upper

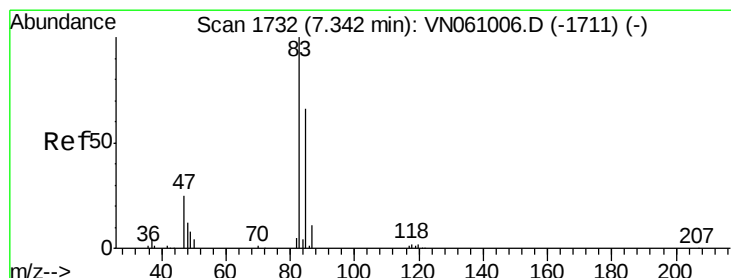
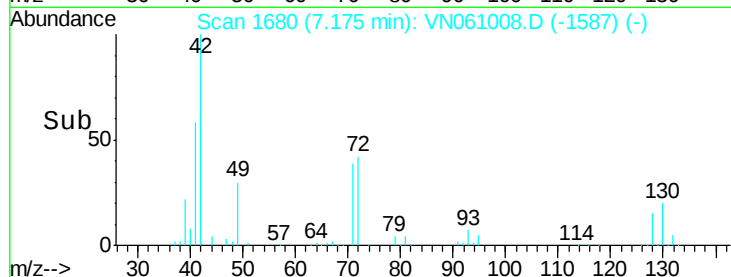
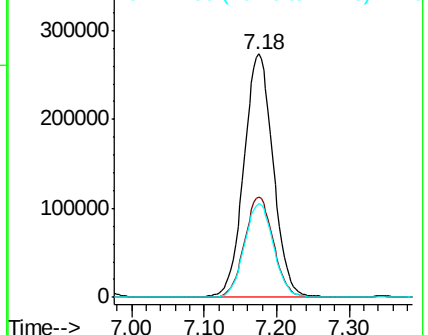
42 100

72 40.6 32.1 48.1

71 38.3 30.5 45.7



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: 153.192 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VN061008.D

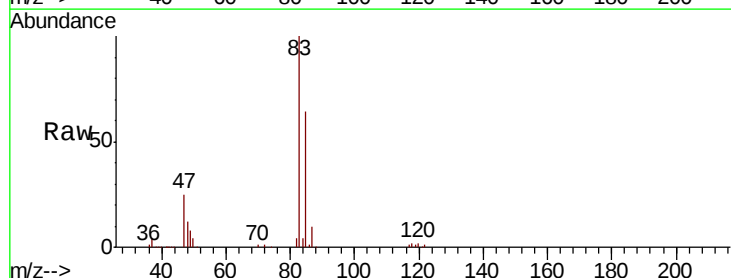
Acq: 16 Apr 2020 13:04

Tgt Ion: 83 Resp: 552284

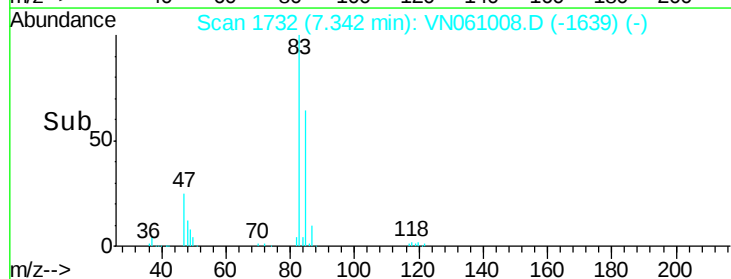
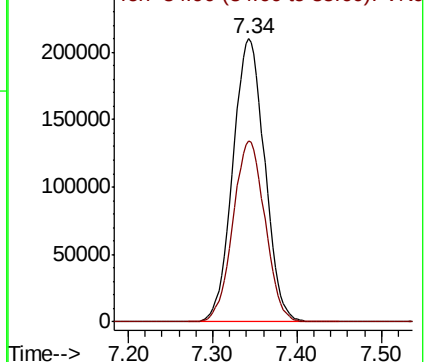
Ion Ratio Lower Upper

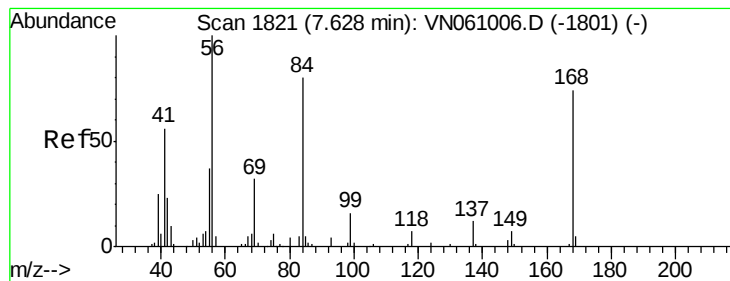
83 100

85 64.0 52.8 79.2



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





#31

Cyclohexane

Concen: 150.263 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

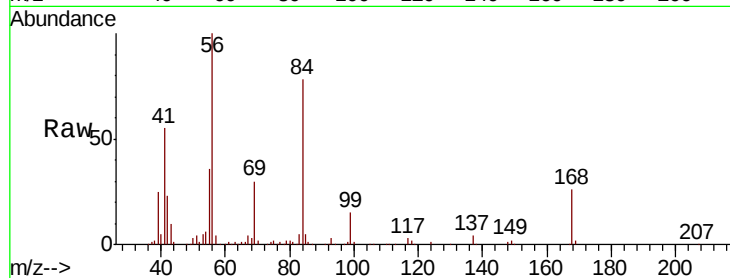
Tot Ion: 56 Resp: 574039

Ion Ratio Lower Upper

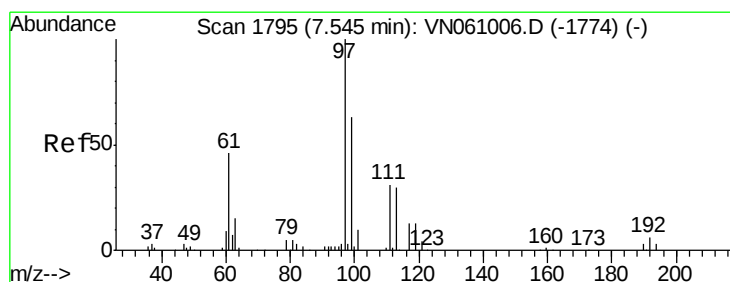
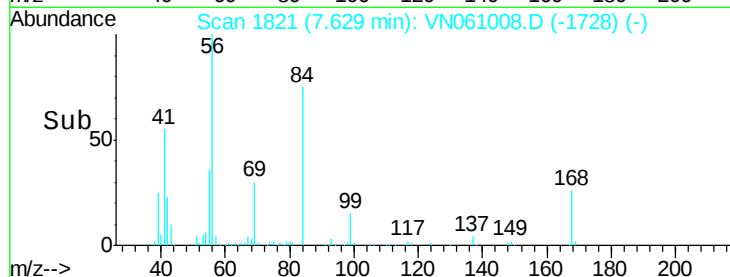
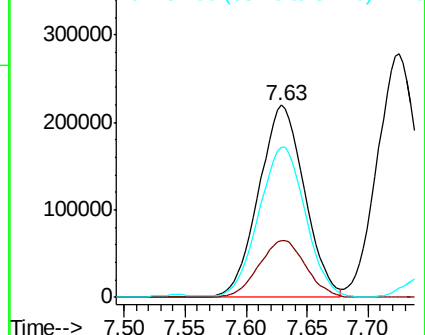
56 100

69 29.8 25.6 38.4

84 77.3 63.4 95.2



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



#32

1,1,1-Trichloroethane

Concen: 155.080 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

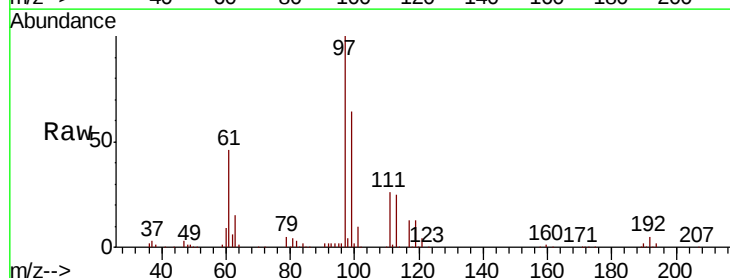
Tgt Ion: 97 Resp: 480135

Ion Ratio Lower Upper

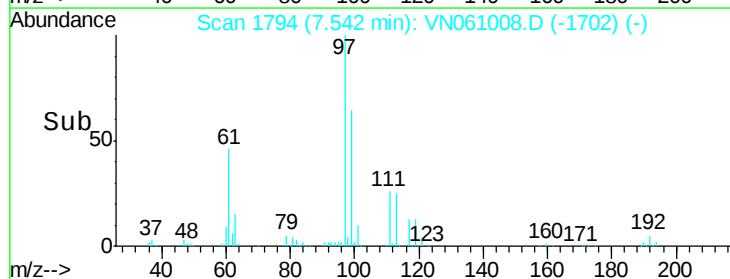
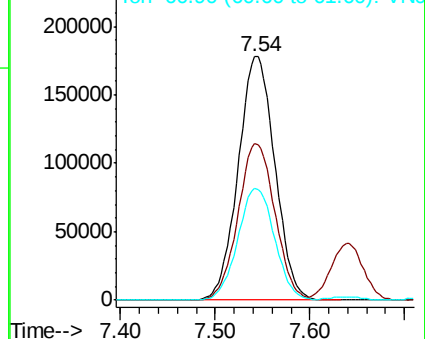
97 100

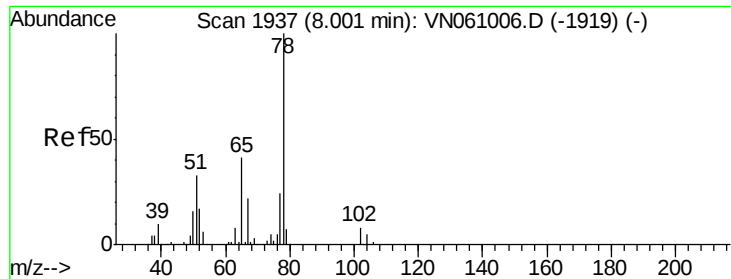
99 64.5 51.0 76.4

61 46.1 37.0 55.6



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





#33

1,2-Dichloroethane-d4

Concen: 136.765 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

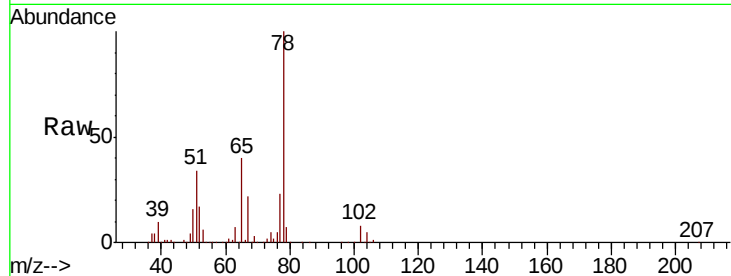
ClientSampleId :

Tot Ion: 65 Resp: 312178

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061008.D (-1844) (-)

Ion 66.90 (66.60 to 67.60): VN061008.D (-1844) (-)

8.00

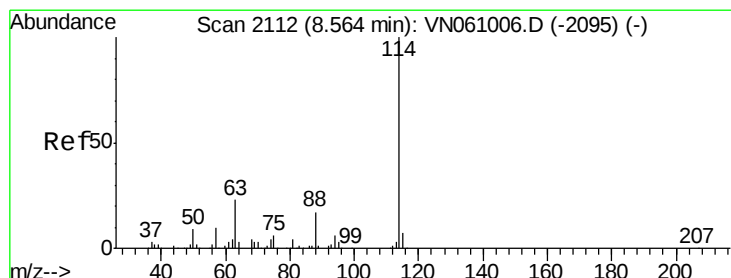
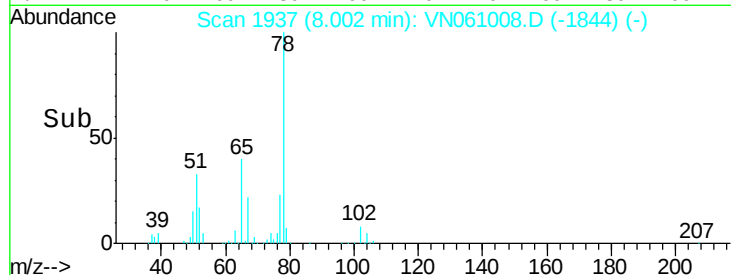
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

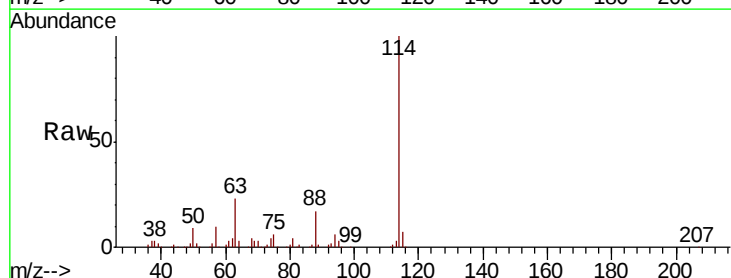
Tgt Ion: 114 Resp: 288202

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

88 16.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061008.D (-2019) (-)

Ion 63.00 (62.70 to 63.70): VN061008.D (-2019) (-)

Ion 87.90 (87.60 to 88.60): VN061008.D (-2019) (-)

8.56

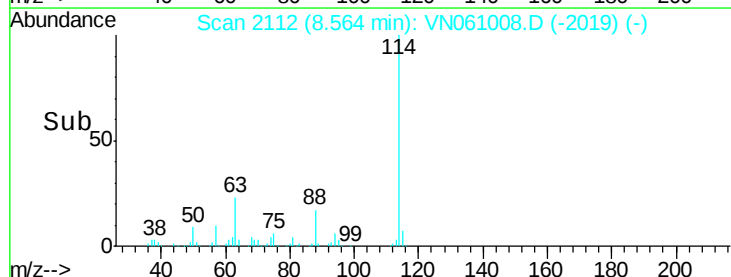
150000

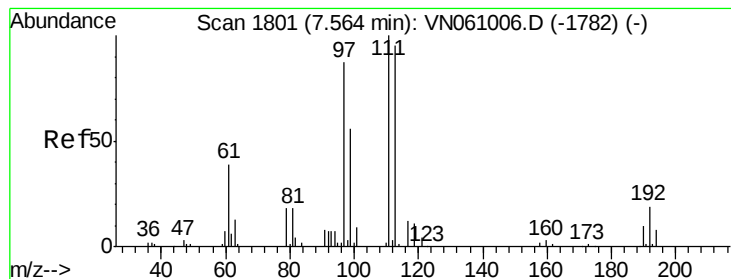
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 143.946 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

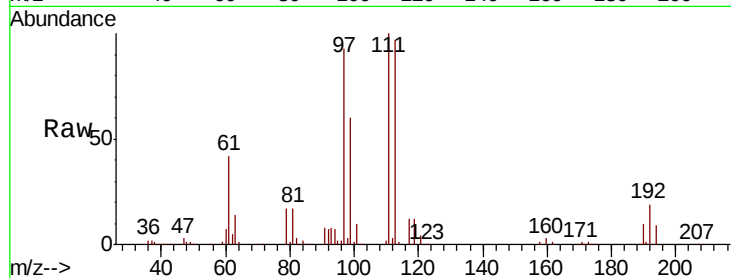
Tot Ion:113 Resp: 246936

Ion Ratio Lower Upper

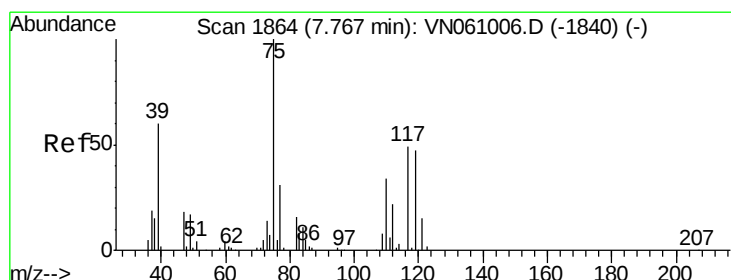
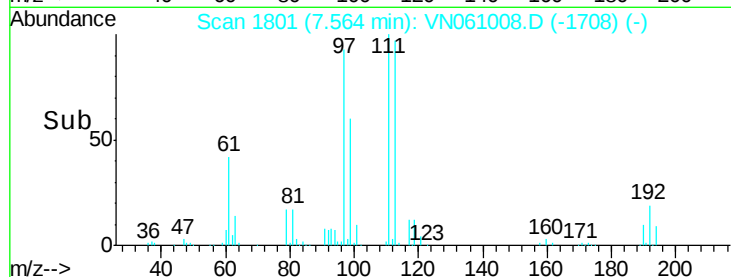
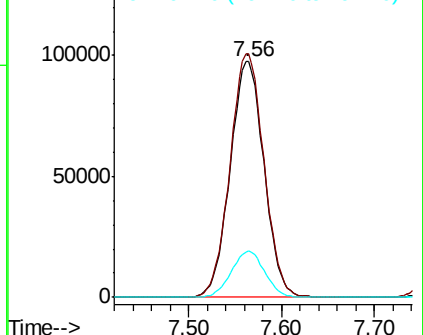
113 100

111 103.4 83.4 125.2

192 19.4 15.5 23.3



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: 158.770 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

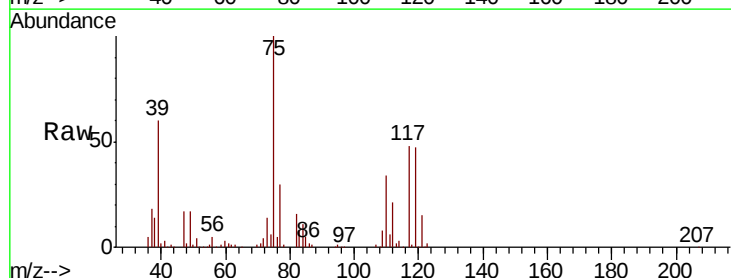
Tgt Ion: 75 Resp: 446579

Ion Ratio Lower Upper

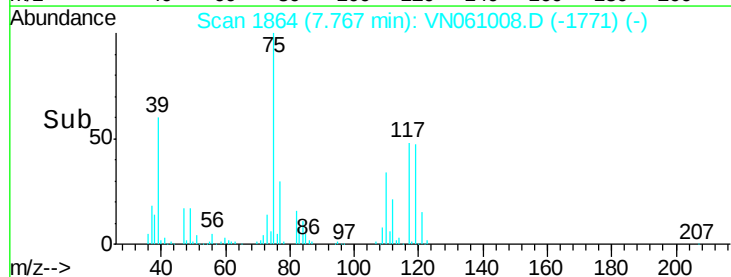
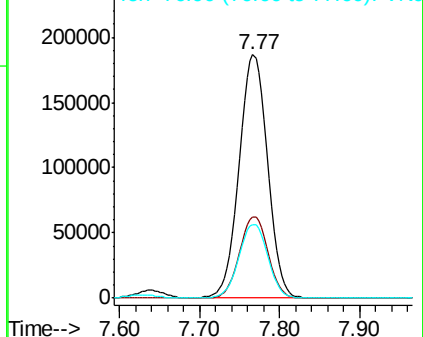
75 100

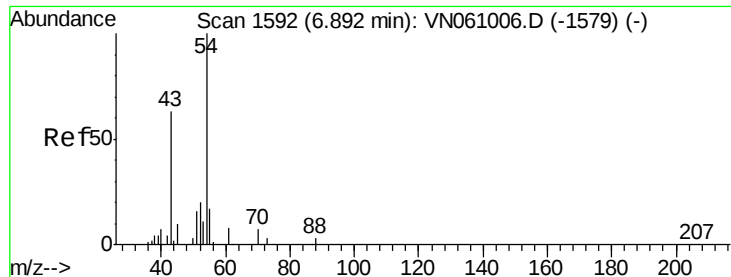
110 33.5 16.8 50.3

77 31.0 24.7 37.1



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

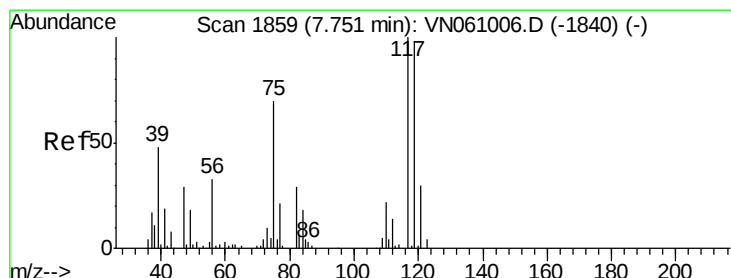
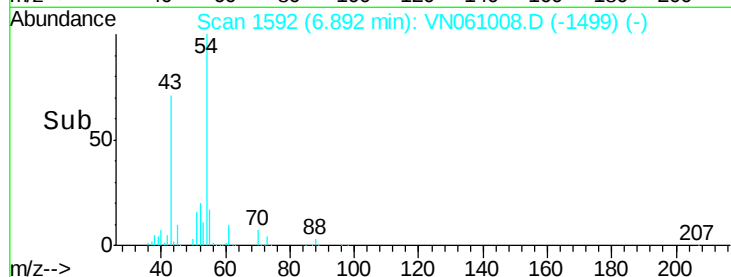
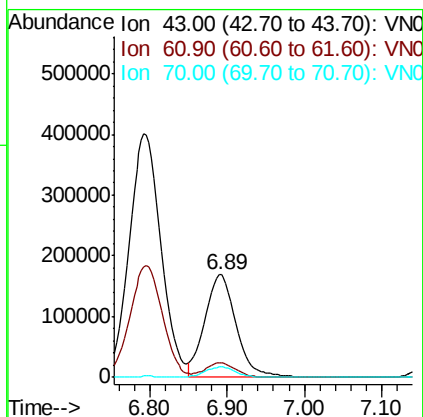
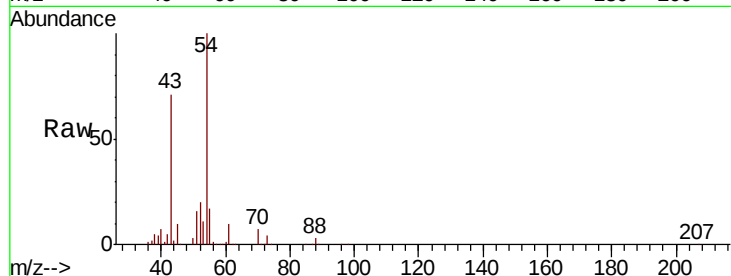




#37
Ethyl Acetate
Concen: 156.128 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

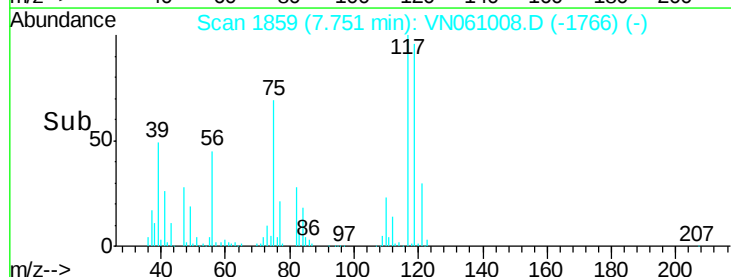
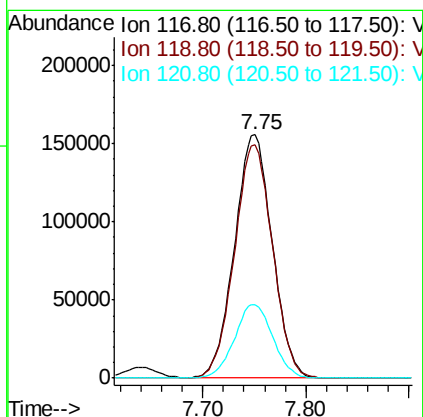
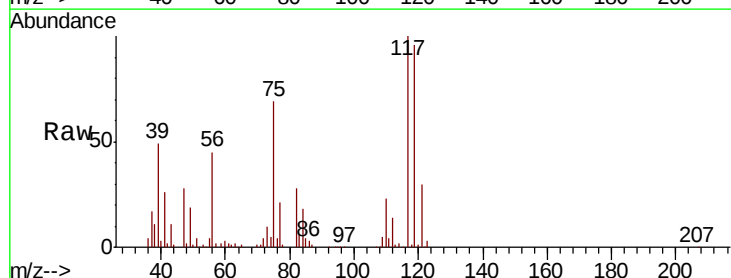
Instrument :
MSVOA_N
ClientSampled :

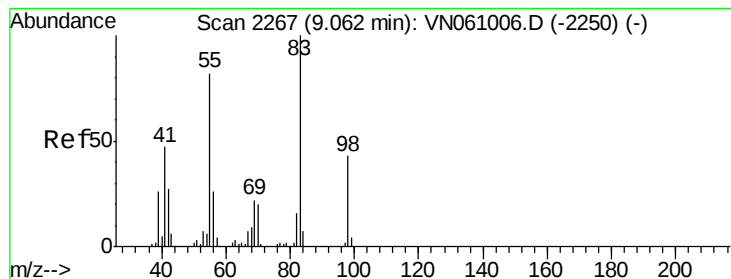
Tot Ion: 43 Resp: 476931
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 158.675 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 117 Resp: 397521
Ion Ratio Lower Upper
117 100
119 95.6 78.1 117.1
121 30.1 24.0 36.0





#39

Methvlcvclohexane

Concen: 161.979 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

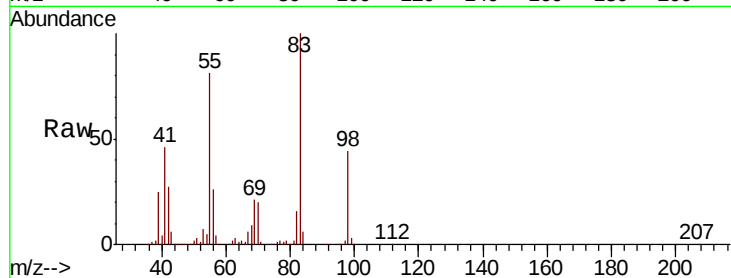
Tot Ion: 83 Resp: 543555

Ion Ratio Lower Upper

83 100

55 81.4 65.4 98.0

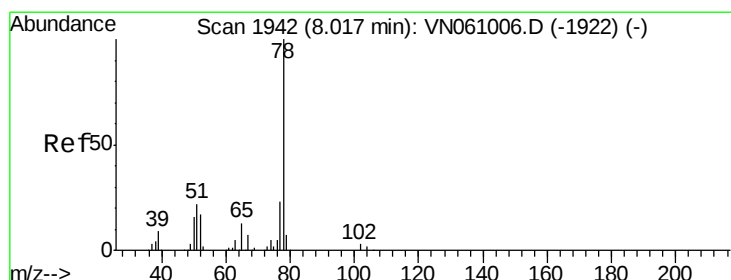
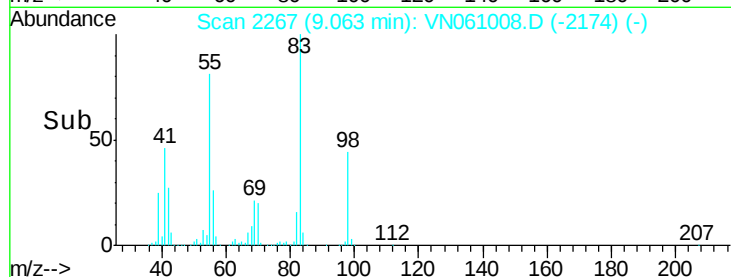
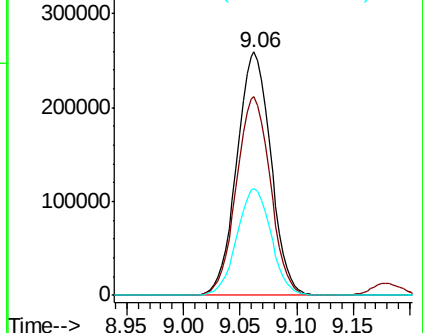
98 44.0 34.6 51.8



Abundance Ion 83.00 (82.70 to 83.70): VN061008.D (-2174) (-)

Ion 55.00 (54.70 to 55.70): VN061008.D (-2174) (-)

Ion 98.00 (97.70 to 98.70): VN061008.D (-2174) (-)



#40

Benzene

Concen: 153.583 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN061008.D

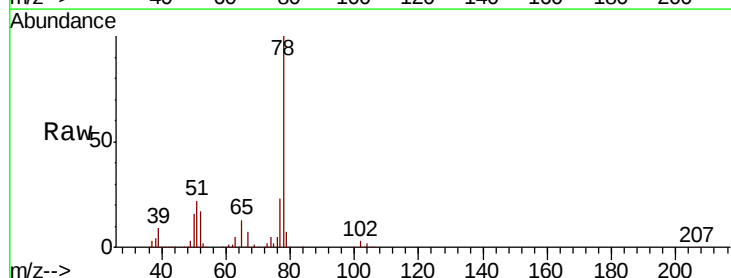
Acq: 16 Apr 2020 13:04

Tgt Ion: 78 Resp: 1302606

Ion Ratio Lower Upper

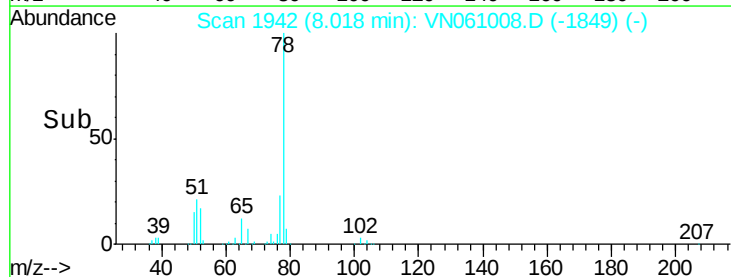
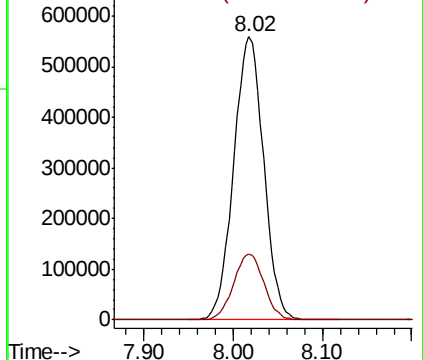
78 100

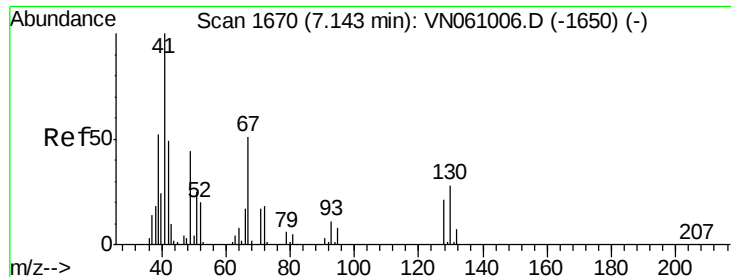
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN061008.D (-1849) (-)

Ion 77.00 (76.70 to 77.70): VN061008.D (-1849) (-)

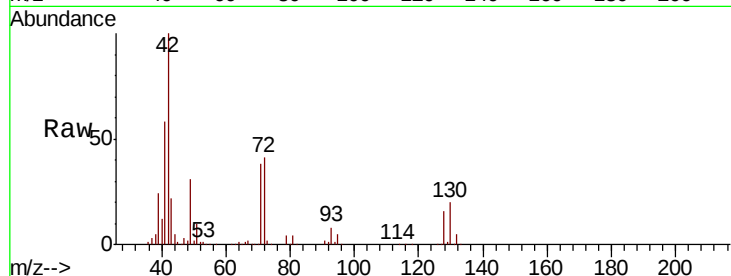




#41
Methacrylonitrile
Concen: 526.105 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	686621
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



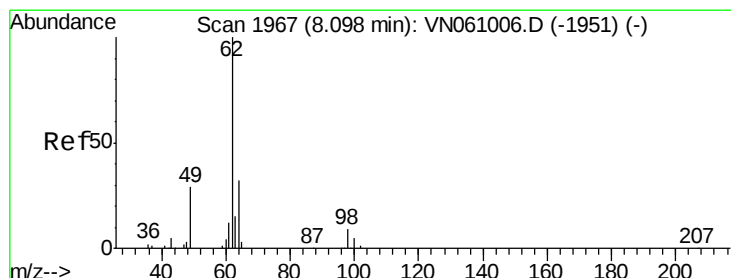
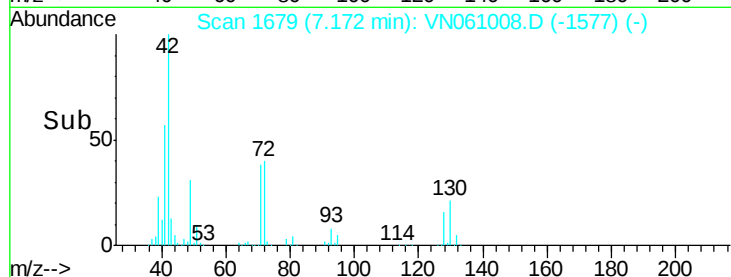
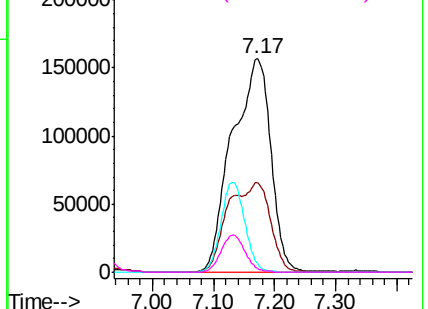
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

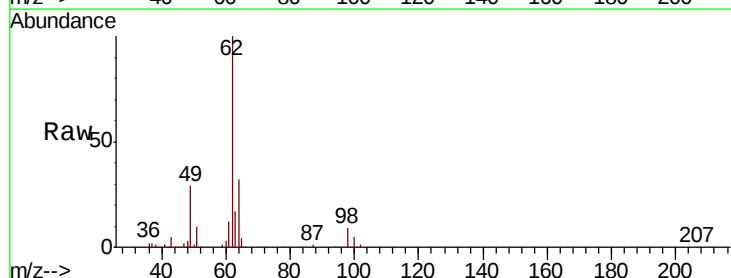
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 154.945 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

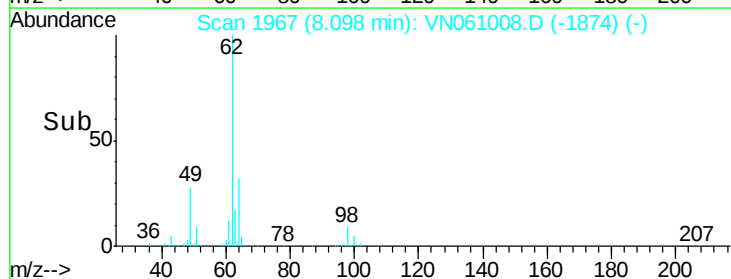
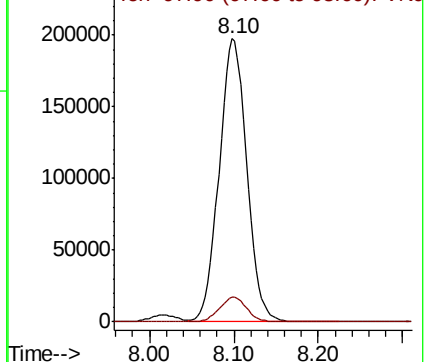
Tgt Ion:	62	Resp:	449611
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2

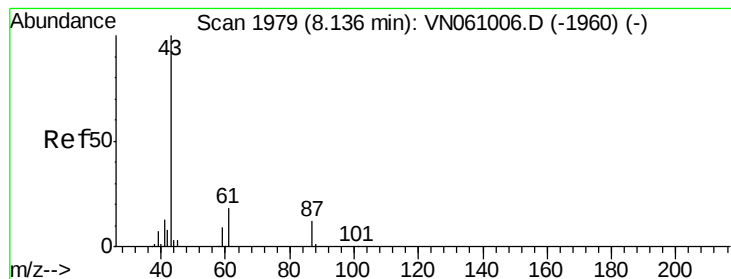


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 161.227 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

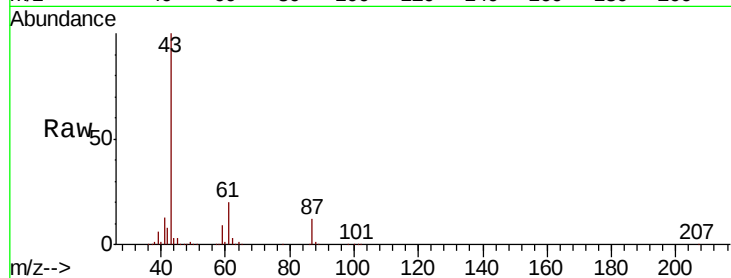
Tot Ion: 43 Resp: 809936

Ion Ratio Lower Upper

43 100

61 25.6 20.3 30.5

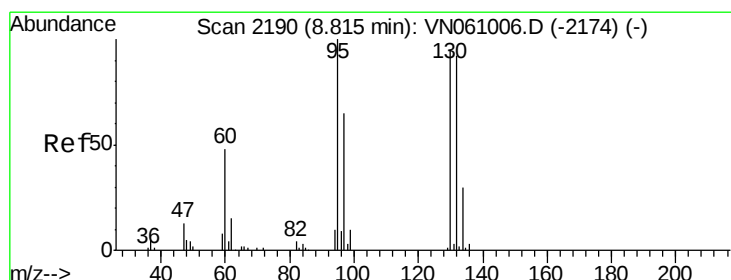
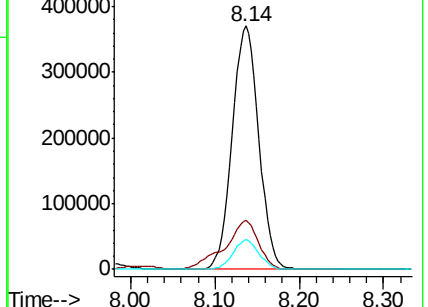
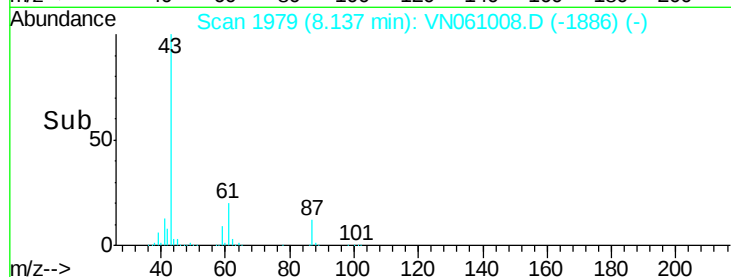
87 11.9 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061008.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061008.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061008.D (-1886) (-)



#44

Trichloroethene

Concen: 153.584 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061008.D

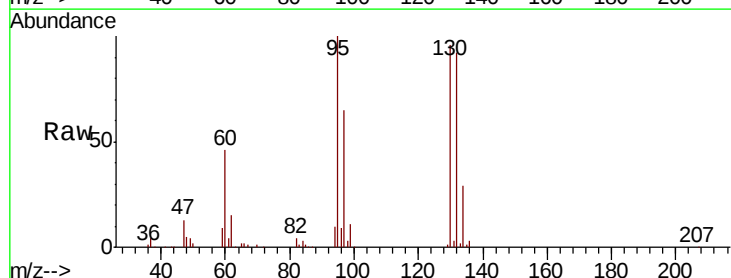
Acq: 16 Apr 2020 13:04

Tgt Ion:130 Resp: 326811

Ion Ratio Lower Upper

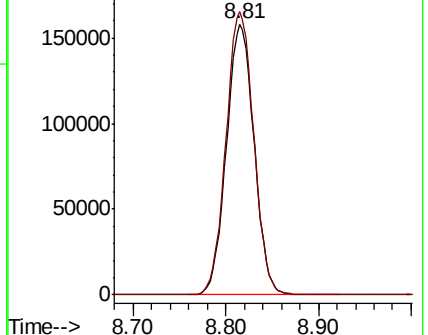
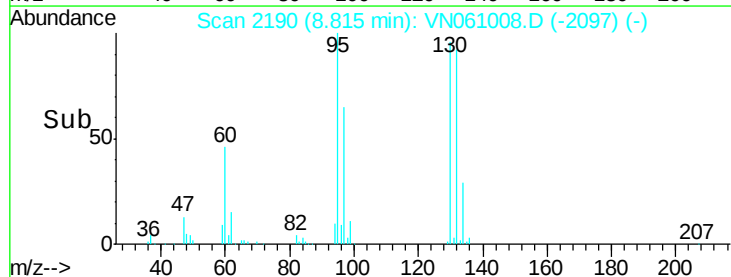
130 100

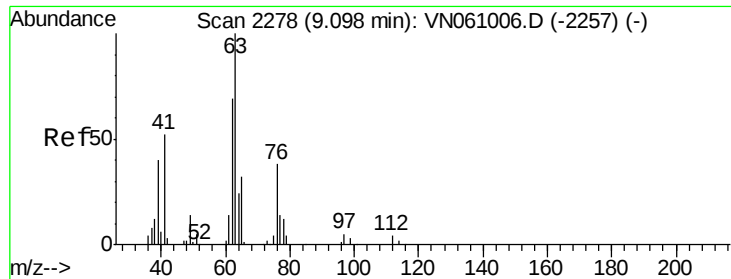
95 104.6 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061008.D (-2097) (-)

Ion 94.90 (94.60 to 95.60): VN061008.D (-2097) (-)

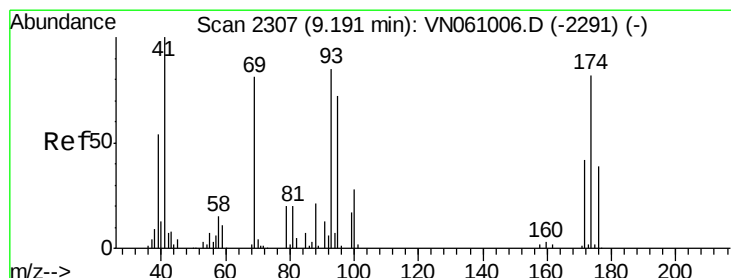
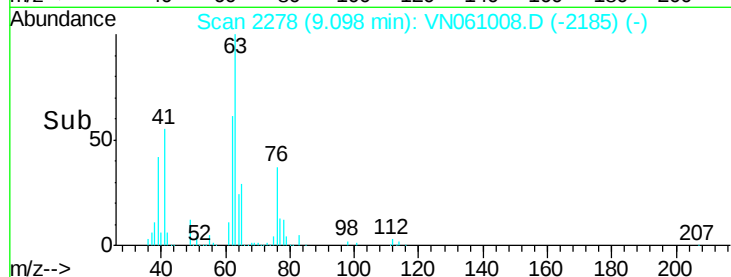
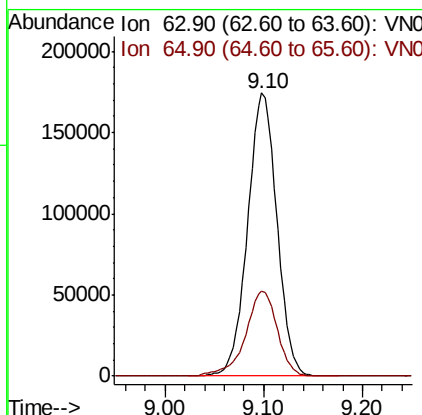
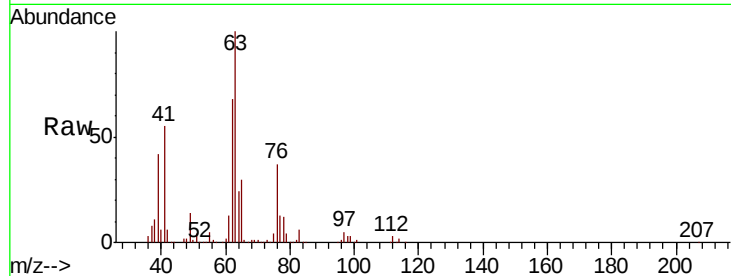




#45
 1,2-Dichloropropane
 Concen: 158.929 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

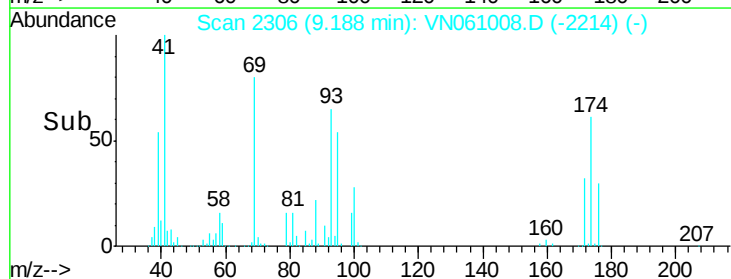
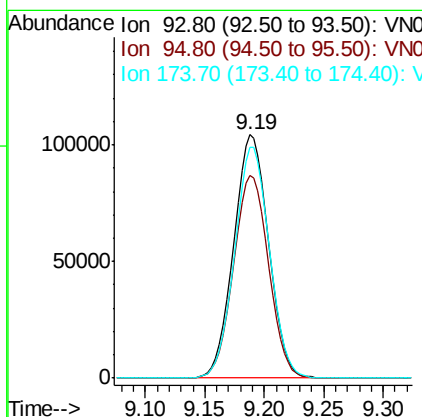
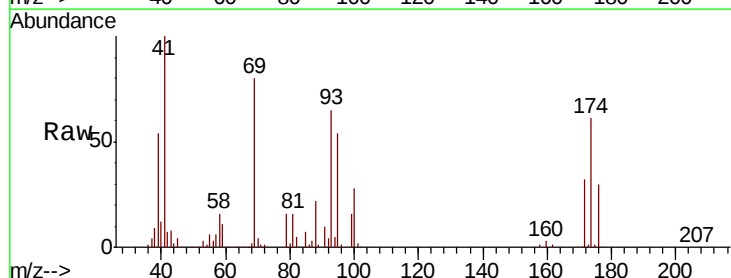
Instrument :
 MSVOA_N
 ClientSampleId :

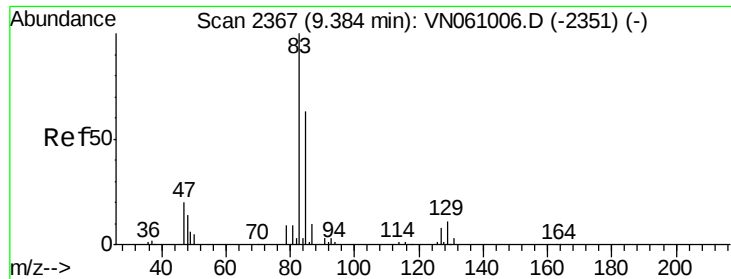
Tot Ion: 63 Resp: 356363
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.2 37.8



#46
 Dibromomethane
 Concen: 157.375 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion: 93 Resp: 212309
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 94.5 76.2 114.4





#47

Bromodichloromethane

Concen: 158.691 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

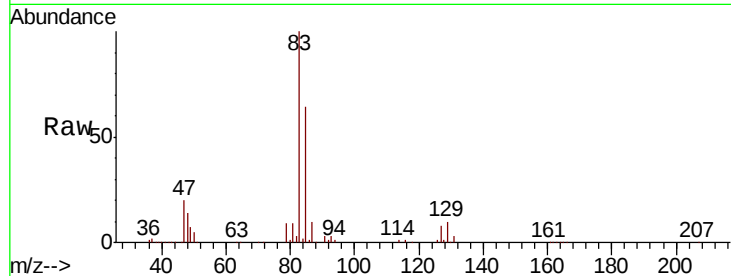
Tot Ion: 83 Resp: 446478

Ion Ratio Lower Upper

83 100

85 64.3 50.6 76.0

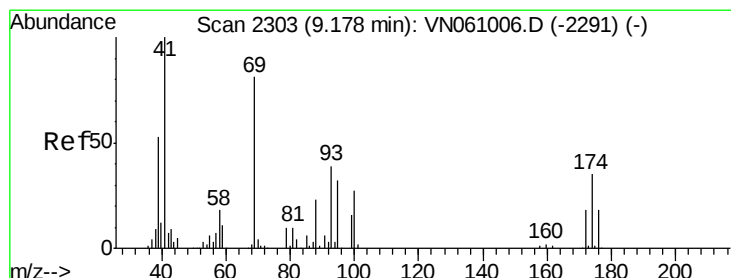
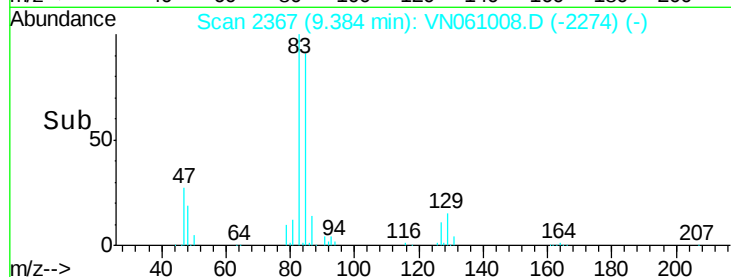
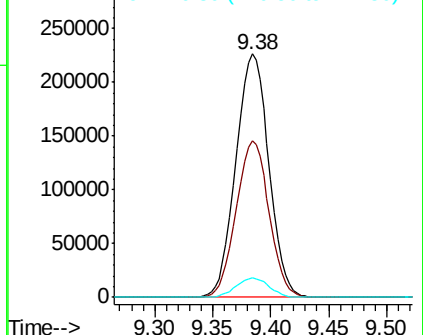
127 7.9 6.1 9.1



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: 168.743 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

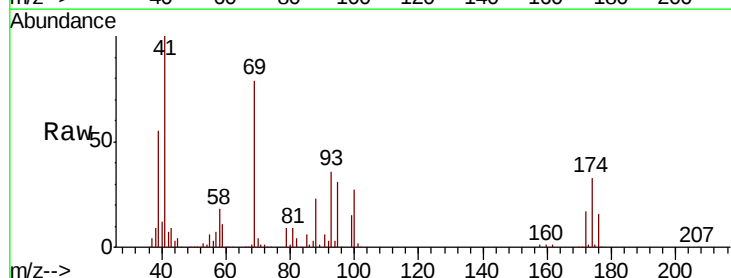
Tgt Ion: 41 Resp: 378264

Ion Ratio Lower Upper

41 100

69 81.2 65.3 97.9

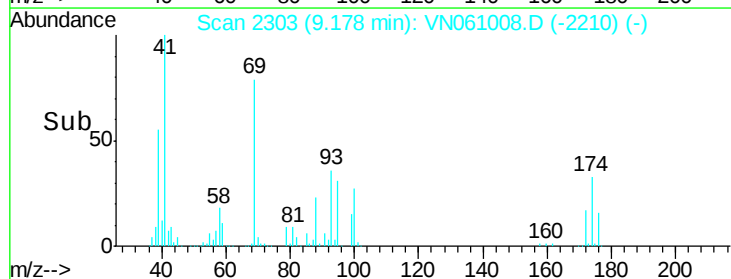
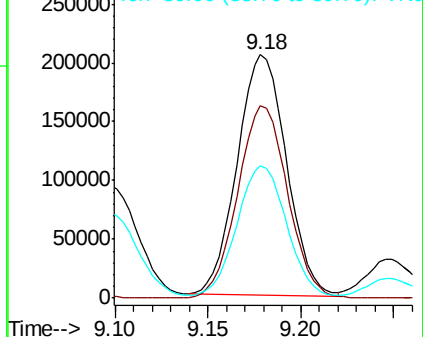
39 54.1 45.2 67.8

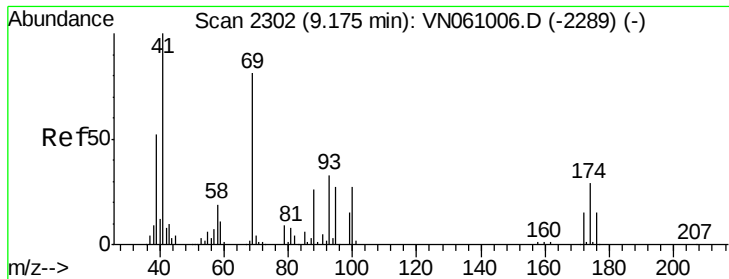


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

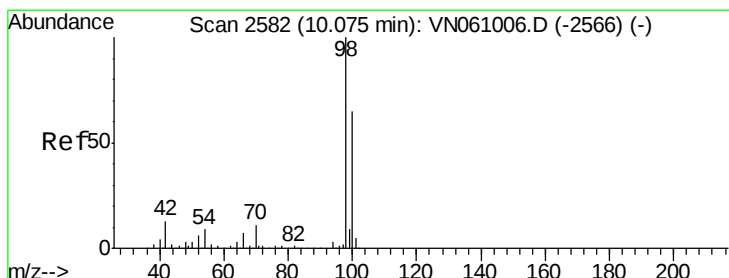
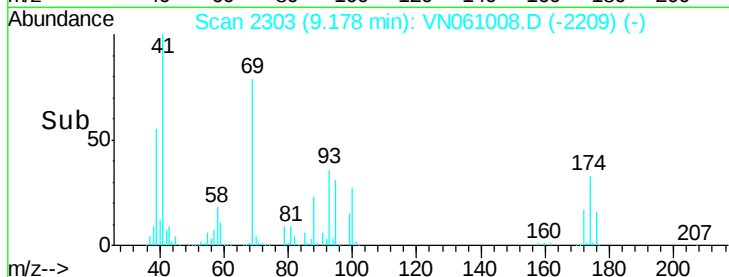
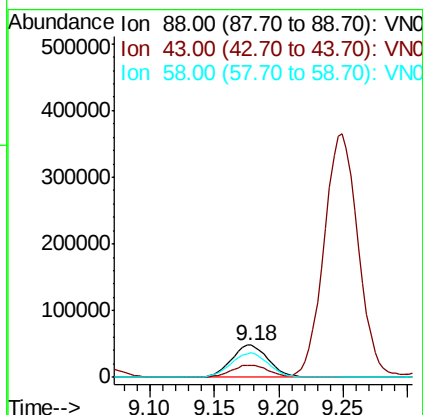
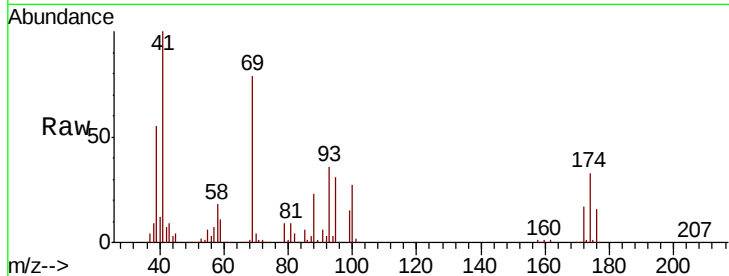




#49
 1,4-Dioxane
 Concen: 3613.735 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

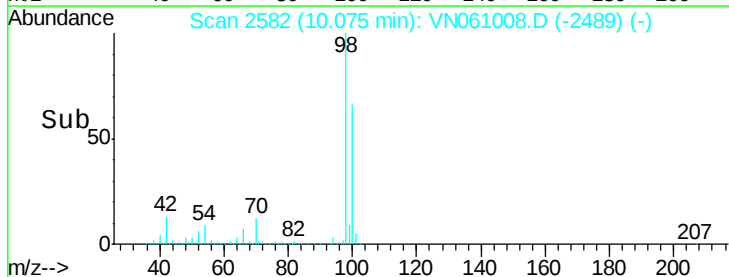
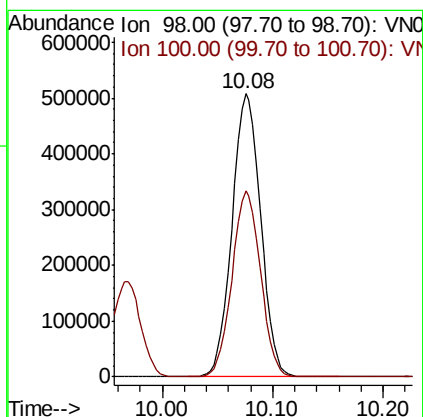
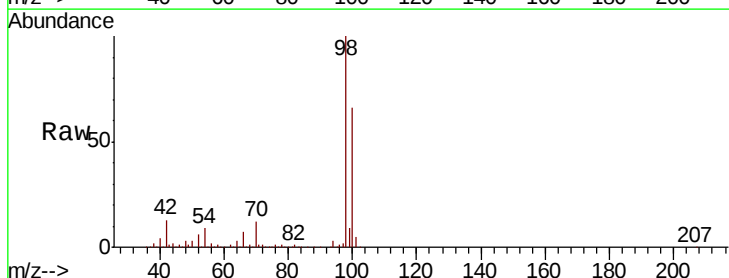
Instrument :
 MSVOA_N
 ClientSampled :

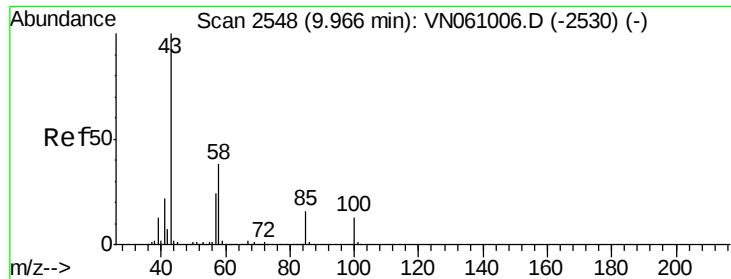
Tot Ion: 88 Resp: 97549
 Ion Ratio Lower Upper
 88 100
 43 37.0 30.9 46.3
 58 75.8 59.8 89.8



#50
 Toluene-d8
 Concen: 133.157 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion: 98 Resp: 914065
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.9 77.9

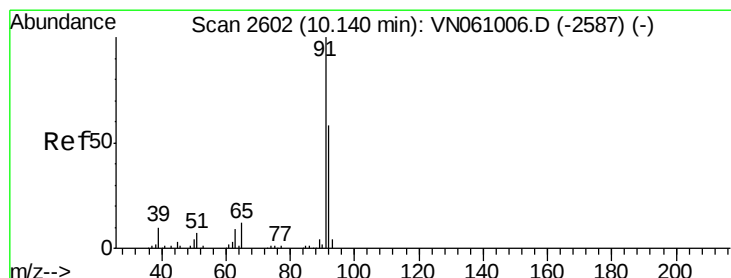
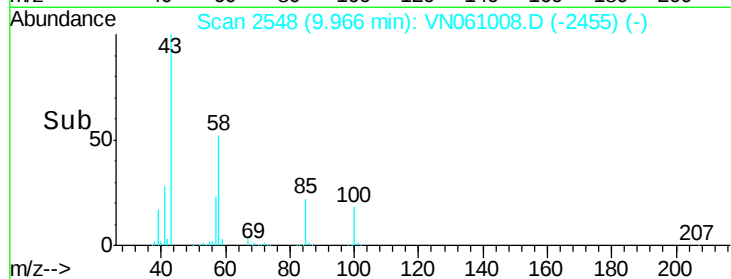
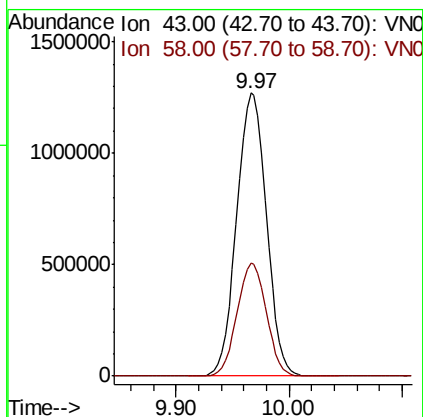
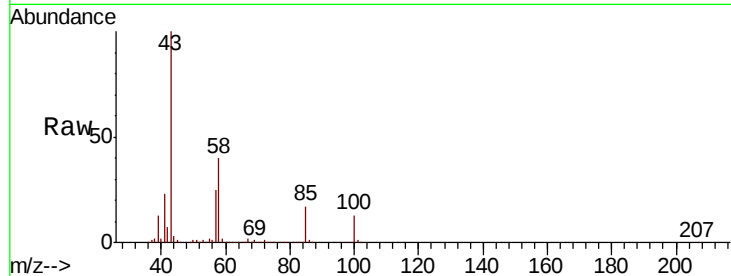




#51
 4-Methyl-2-Pentanone
 Concen: 813.874 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

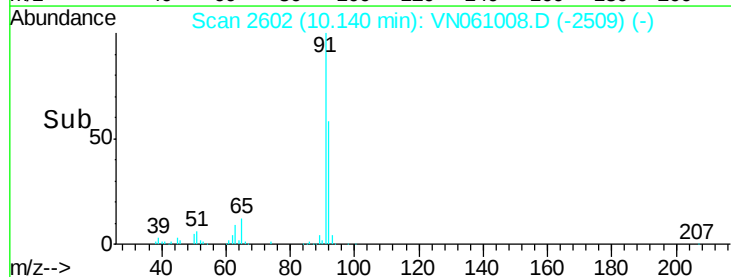
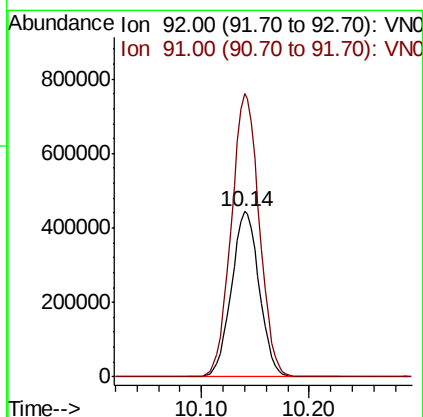
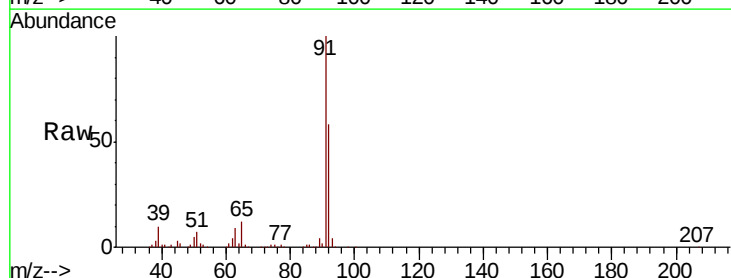
Instrument :
 MSVOA_N
 ClientSampled :

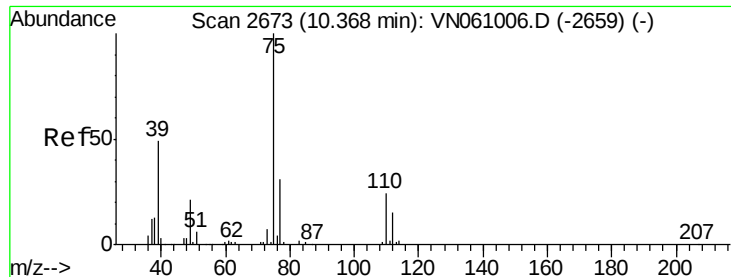
Tot Ion: 43 Resp: 2330714
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.3 45.5



#52
 Toluene
 Concen: 155.542 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion: 92 Resp: 795909
 Ion Ratio Lower Upper
 92 100
 91 172.3 137.7 206.5

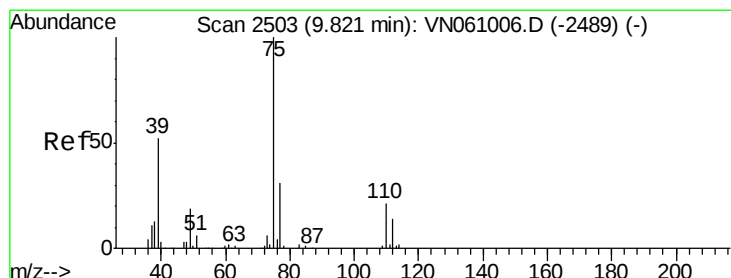
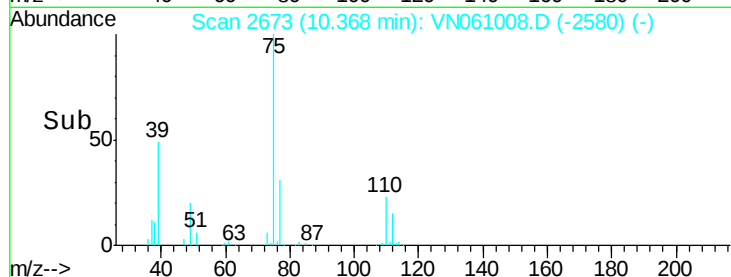
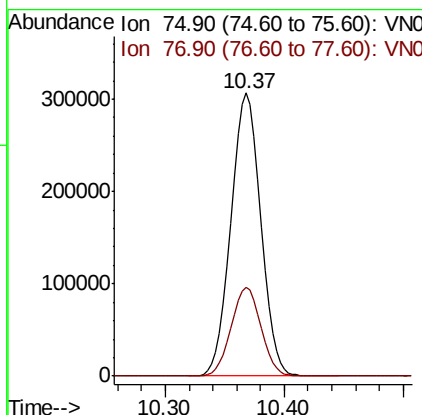
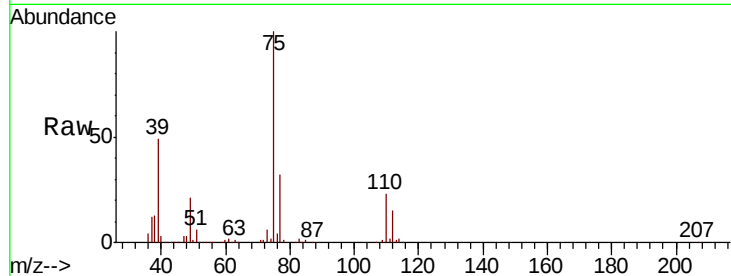




#53
t-1,3-Dichloropropene
Concen: 164.720 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

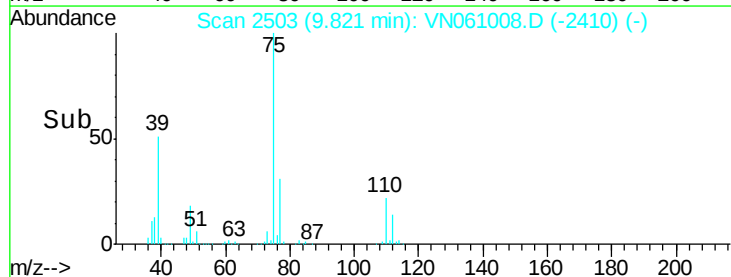
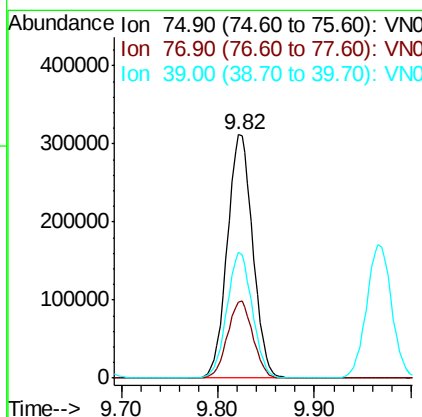
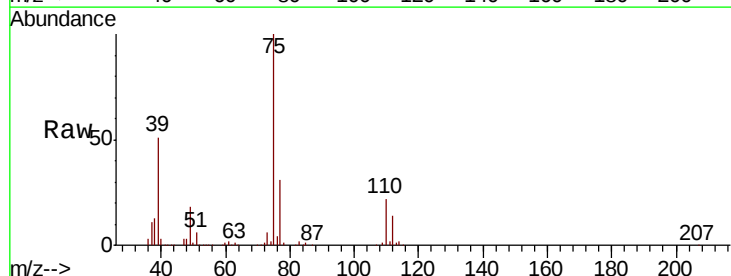
Instrument :
MSVOA_N
ClientSampleId :

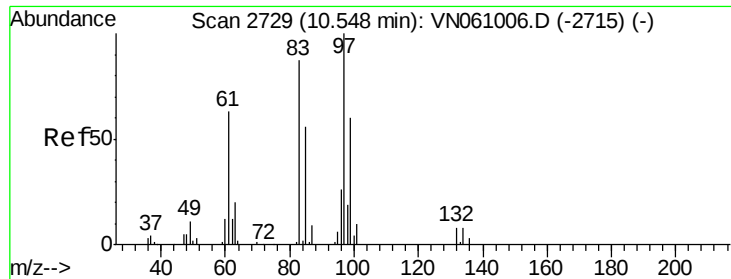
Tot Ion: 75 Resp: 532703
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 160.306 ug/l
RT: 9.82 min Scan# 2503
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 75 Resp: 570081
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 51.5 41.4 62.2

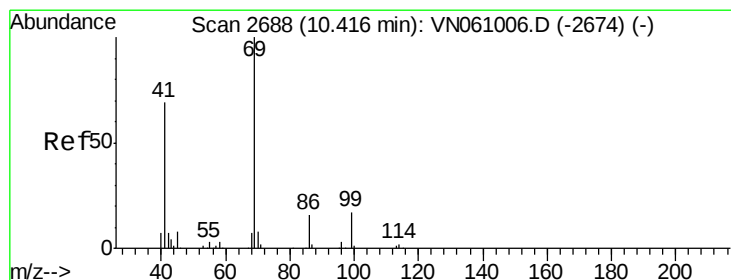
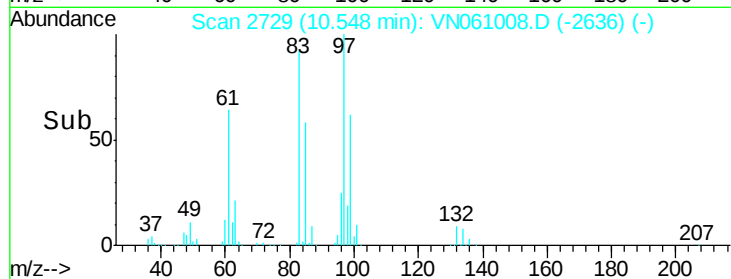
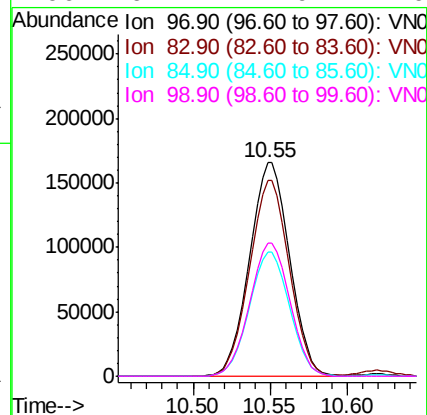
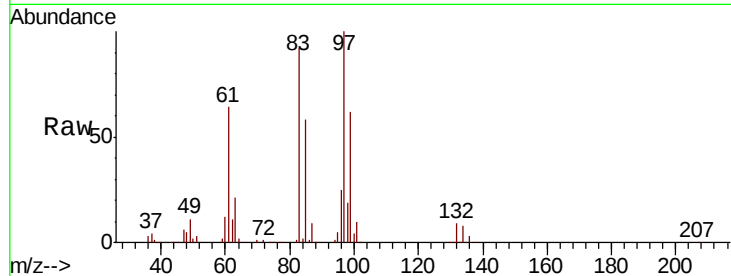




#55
 1,1,2-Trichloroethane
 Concen: 152.174 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

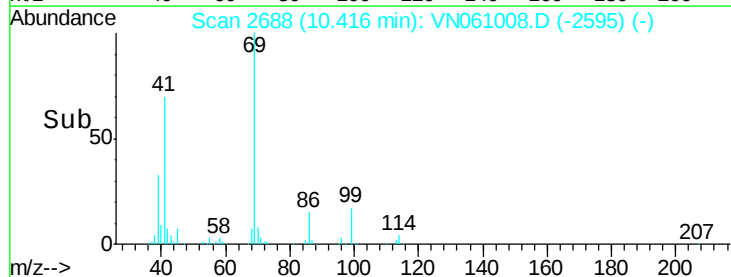
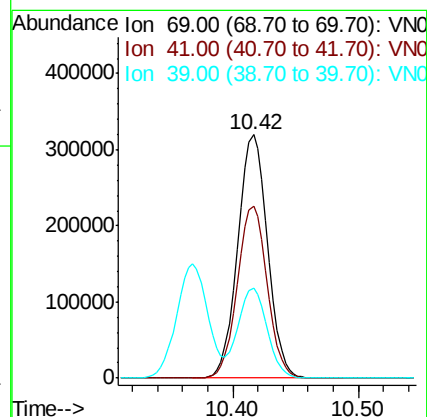
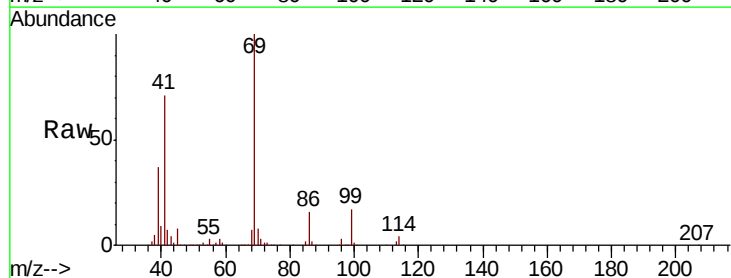
Instrument :
 MSVOA_N
 ClientSampled :

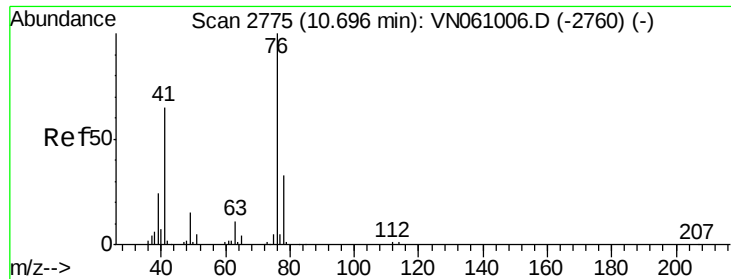
Tot Ion:	97	Resp:	299535
Ion	Ratio	Lower	Upper
97	100		
83	91.5	69.5	104.3
85	58.3	45.0	67.4
99	62.4	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 171.595 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion:	69	Resp:	527239
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.7	85.1
39	36.1	29.4	44.0





#57

1,3-Dichloropropane

Concen: 156.557 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

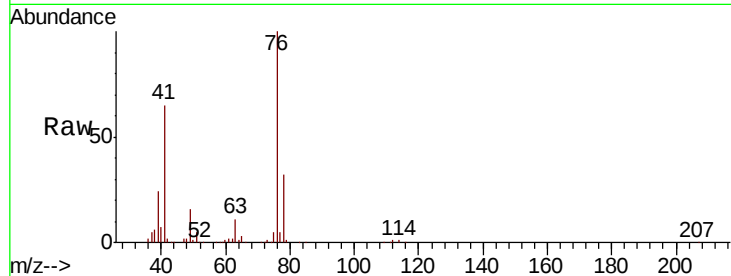
ClientSampled :

Tot Ion: 76 Resp: 535812

Ion Ratio Lower Upper

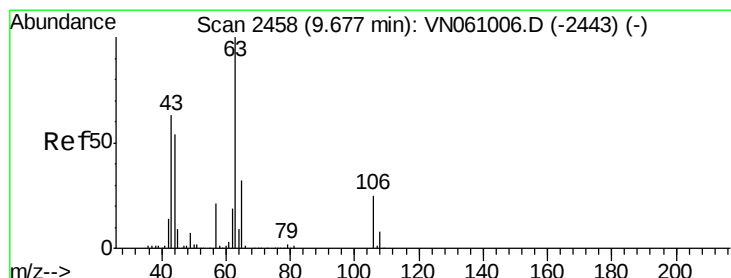
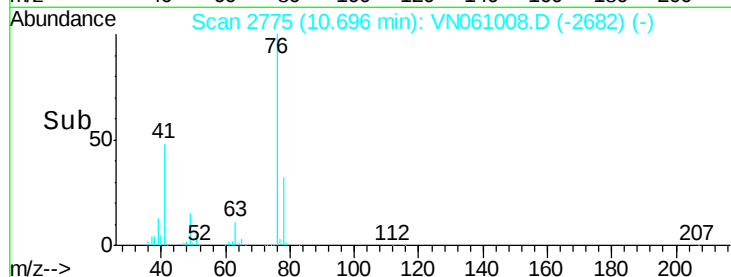
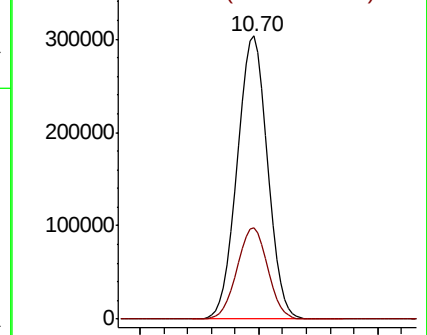
76 100

78 32.6 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 817.916 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061008.D

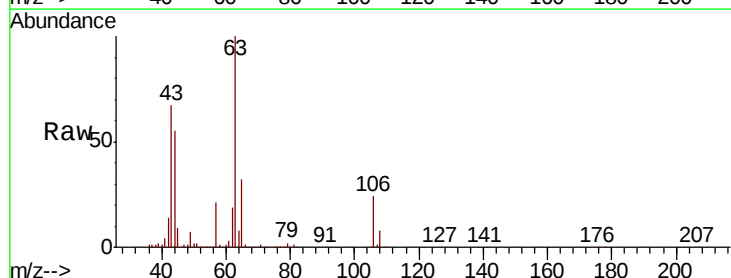
Acq: 16 Apr 2020 13:04

Tgt Ion: 63 Resp: 1198948

Ion Ratio Lower Upper

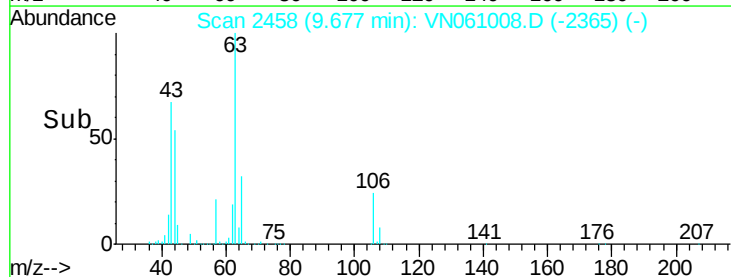
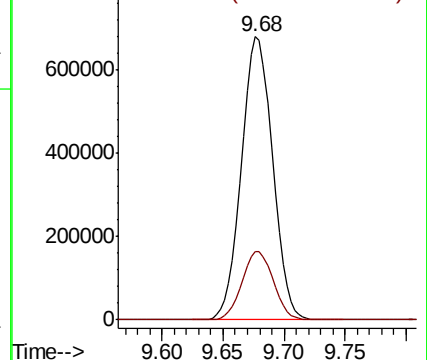
63 100

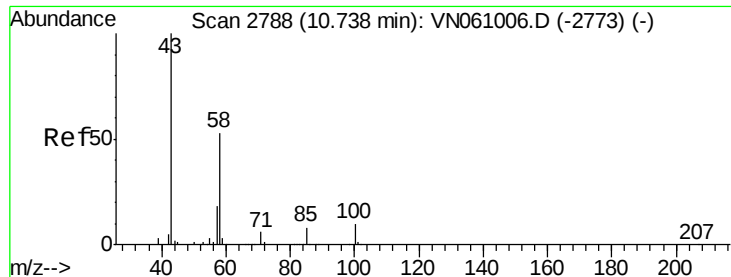
106 24.3 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

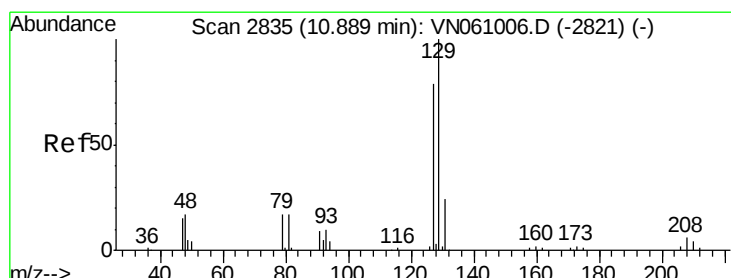
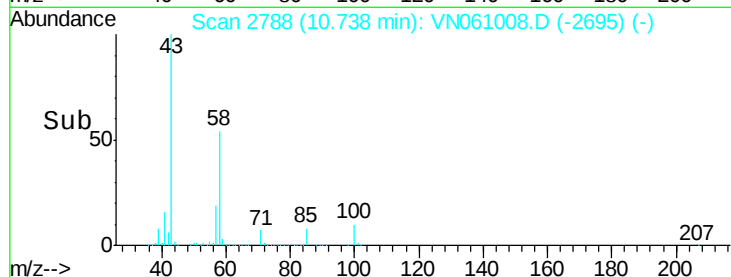
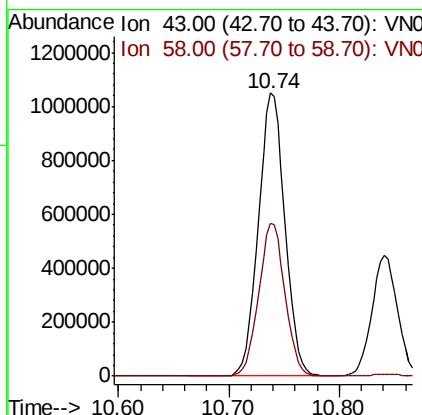
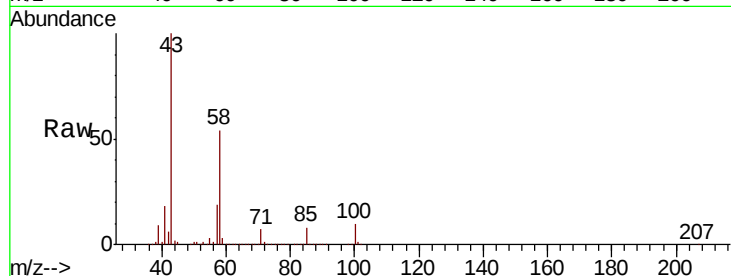




#59
2-Hexanone
Concen: 845.018 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

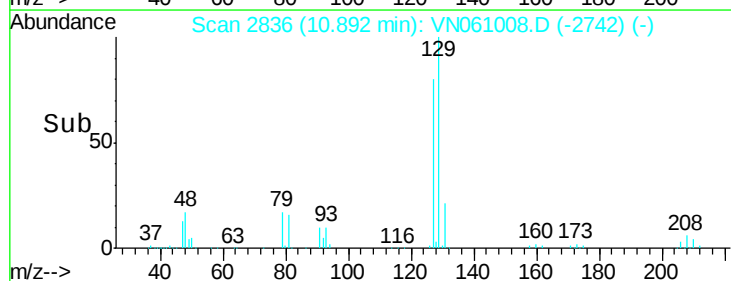
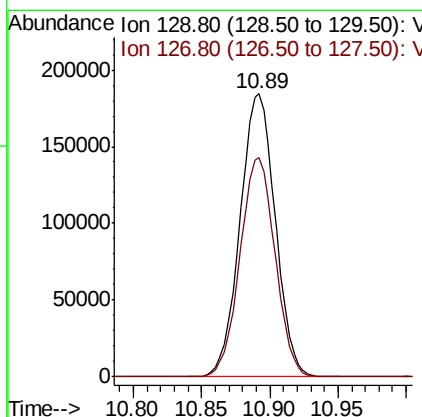
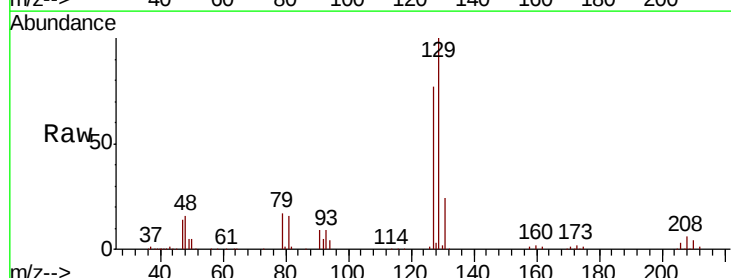
Instrument :
MSVOA_N
ClientSampleId :

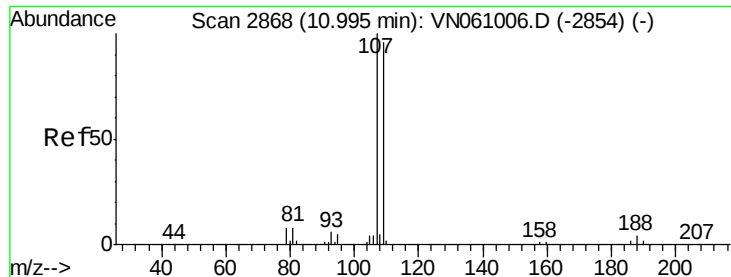
Tot Ion: 43 Resp: 1742574
Ion Ratio Lower Upper
43 100
58 53.6 26.4 79.0



#60
Dibromochloromethane
Concen: 162.944 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 129 Resp: 330206
Ion Ratio Lower Upper
129 100
127 77.2 39.0 116.9

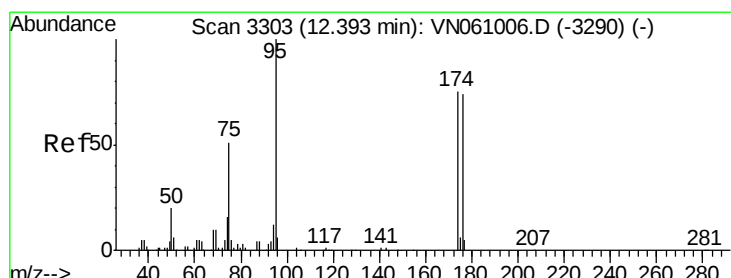
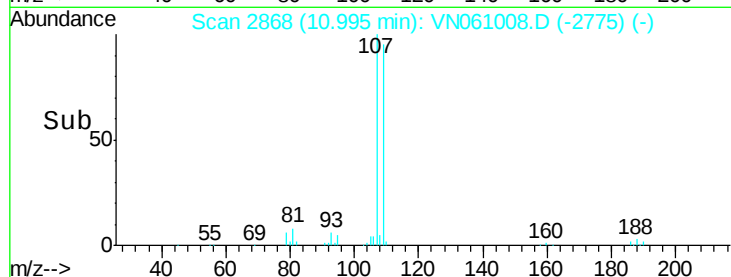
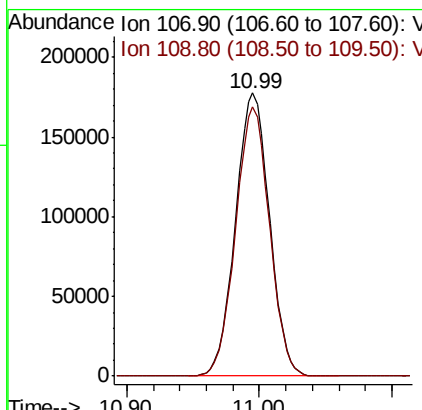
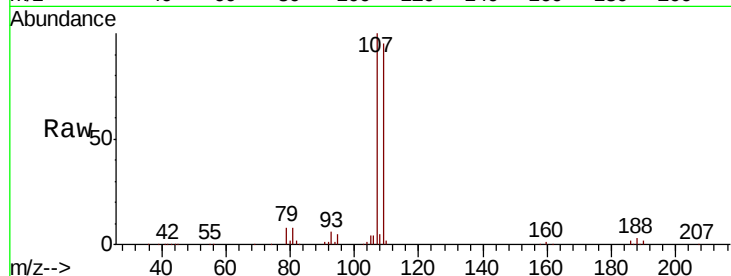




#61
 1,2-Dibromoethane
 Concen: 160.051 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

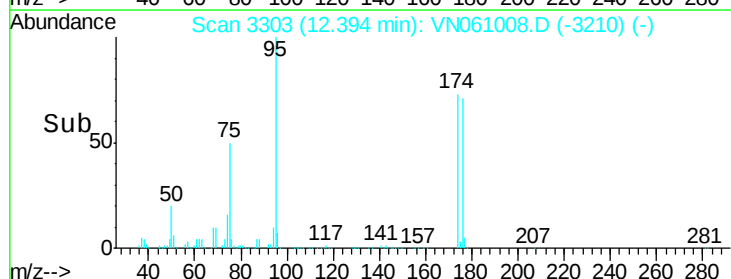
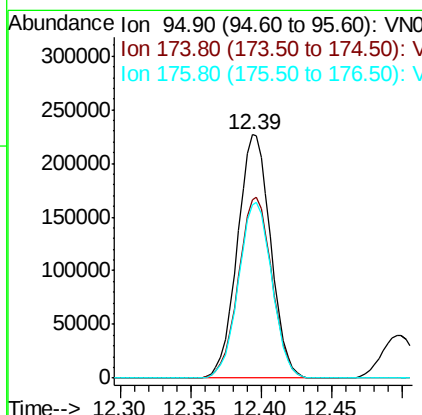
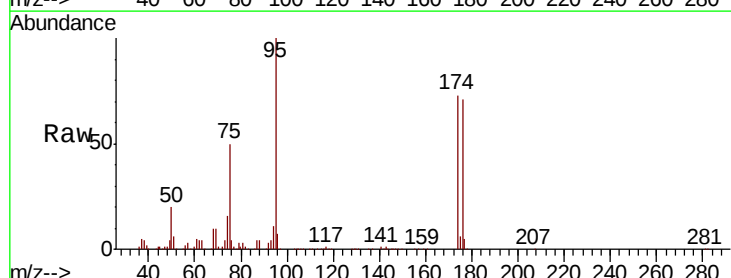
Instrument :
 MSVOA_N
 ClientSampleId :

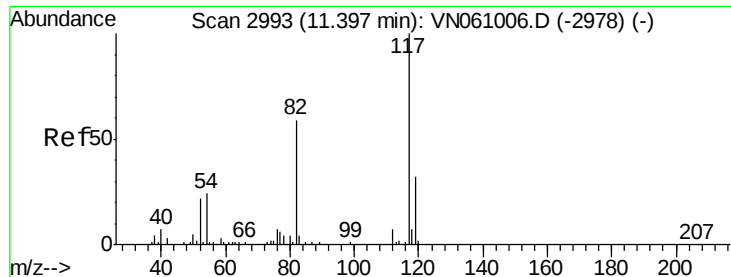
Tot Ion:107 Resp: 315747
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 146.308 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion: 95 Resp: 374121
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 151.2
 176 72.4 0.0 148.2

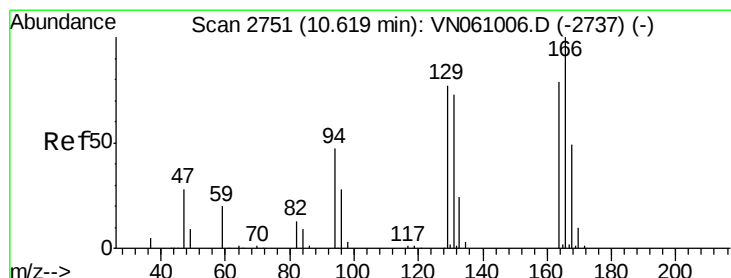
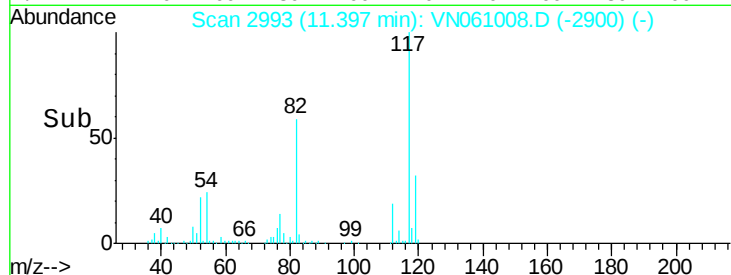
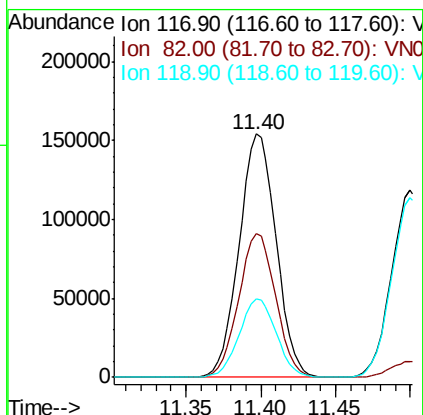
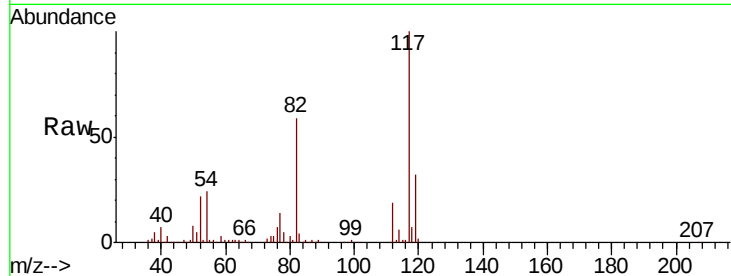




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

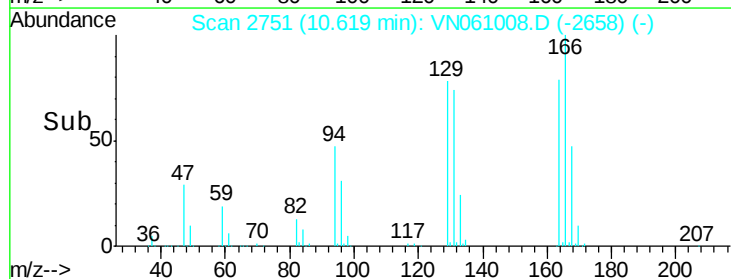
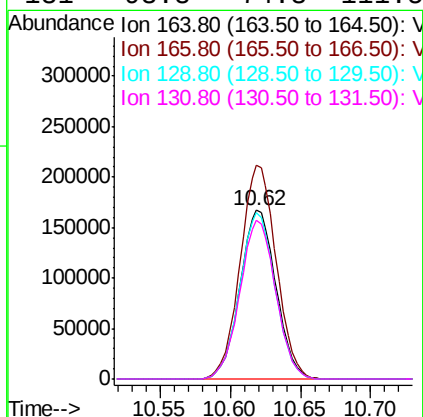
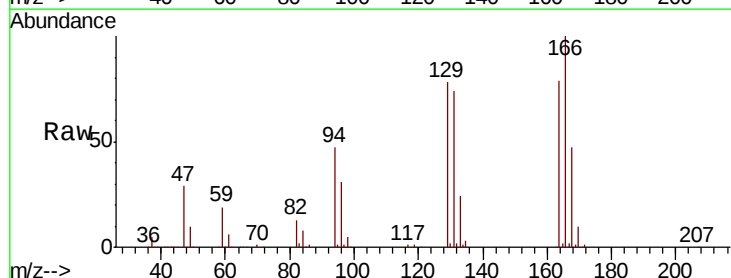
Instrument :
MSVOA_N
ClientSampleId :

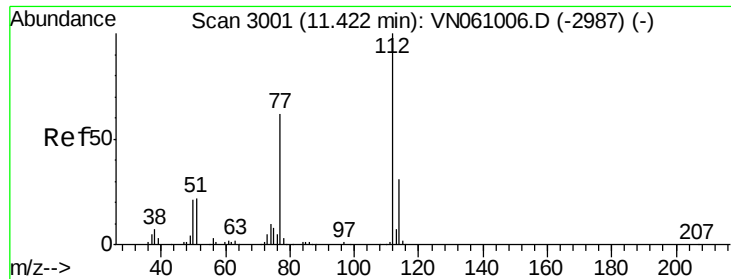
Tot Ion:117 Resp: 265622
Ion Ratio Lower Upper
117 100
82 59.1 47.1 70.7
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 143.496 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion:164 Resp: 298417
Ion Ratio Lower Upper
164 100
166 126.6 101.6 152.4
129 98.3 78.5 117.7
131 93.8 74.3 111.5

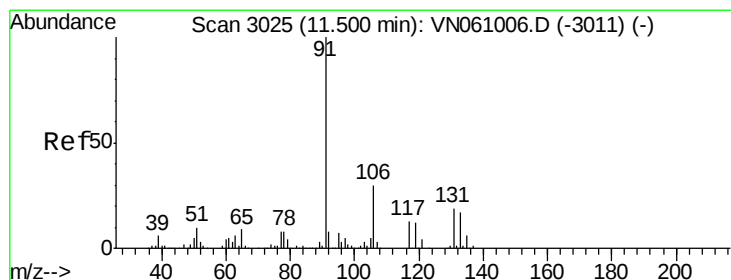
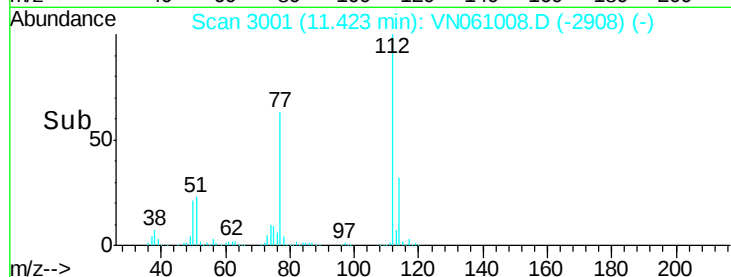
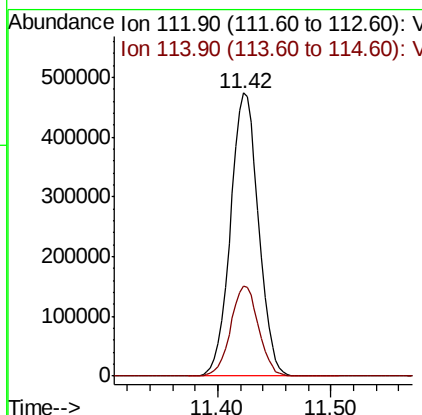
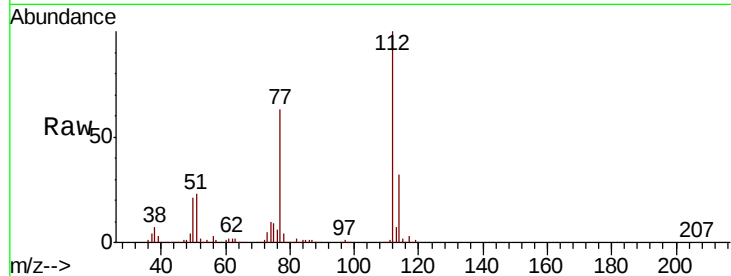




#65
Chlorobenzene
Concen: 153.685 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

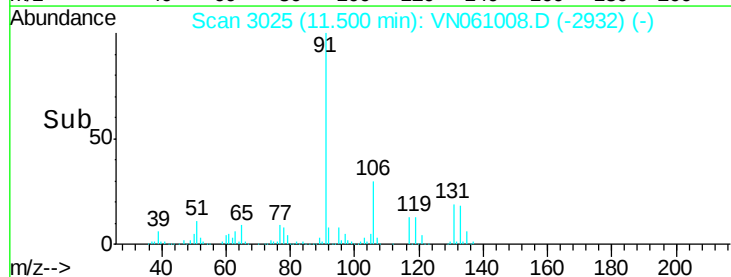
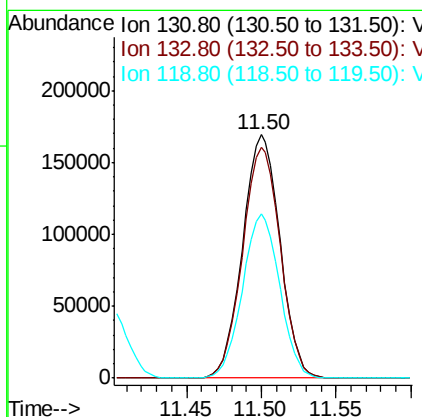
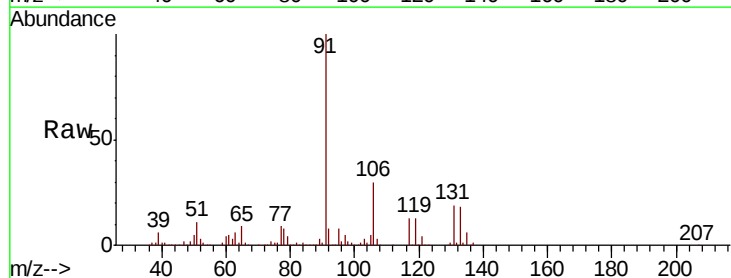
Instrument :
MSVOA_N
ClientSampled :

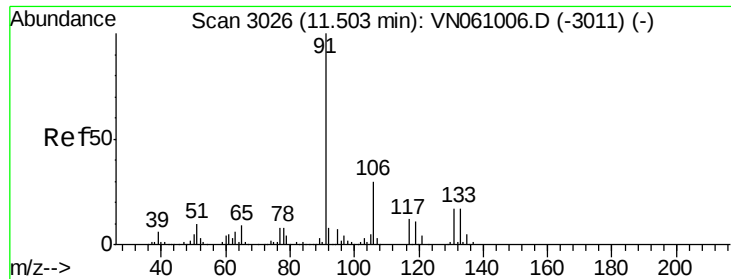
Tot Ion:112 Resp: 813972
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 153.694 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion:131 Resp: 294289
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 66.9 33.3 99.8

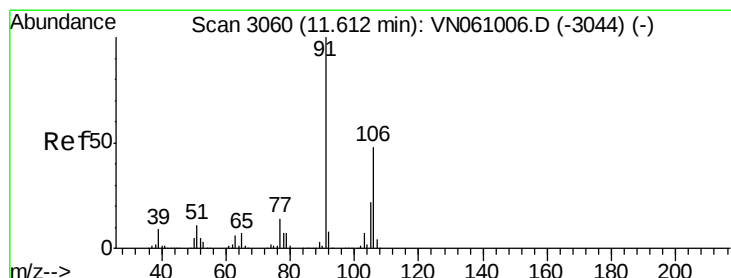
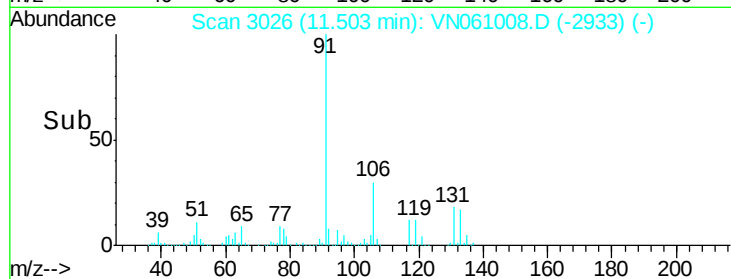
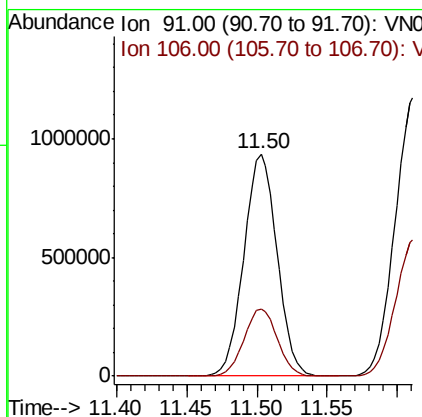
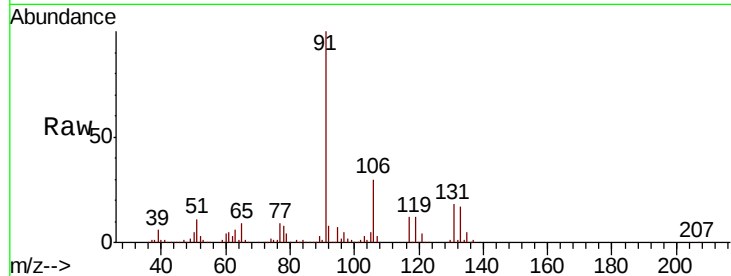




#67
Ethyl Benzene
Concen: 156.538 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

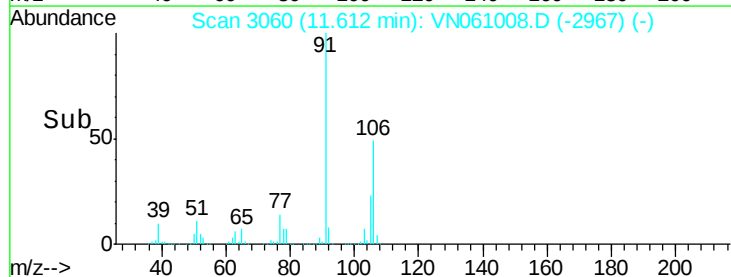
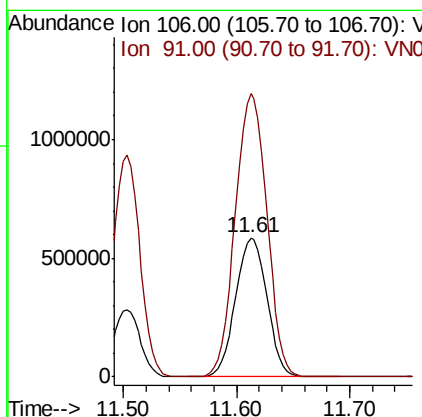
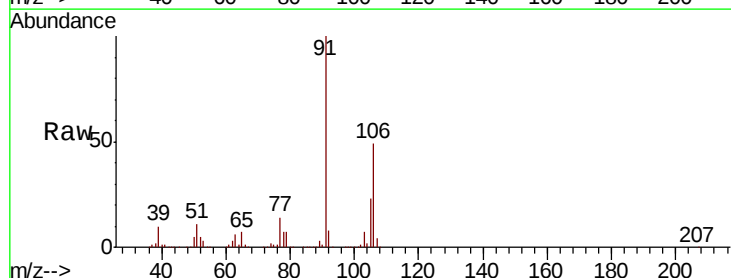
Instrument :
MSVOA_N
ClientSampled :

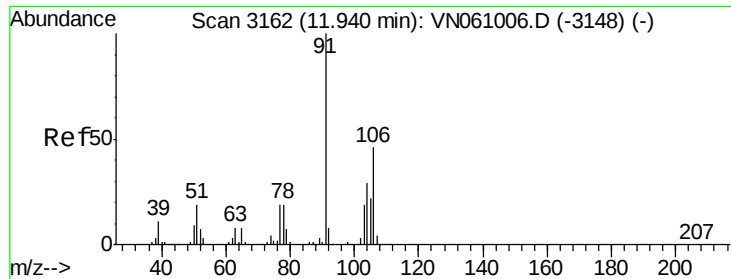
Tot Ion: 91 Resp: 1541949
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 310.375 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 106 Resp: 1131542
Ion Ratio Lower Upper
106 100
91 205.6 167.9 251.9

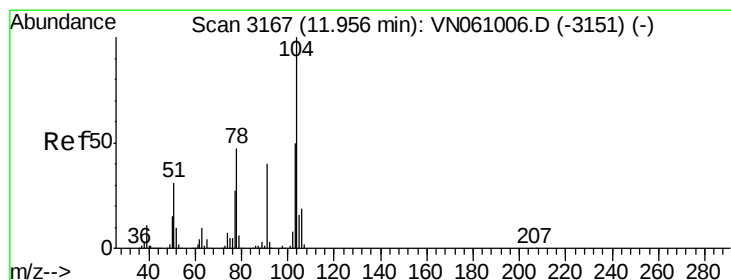
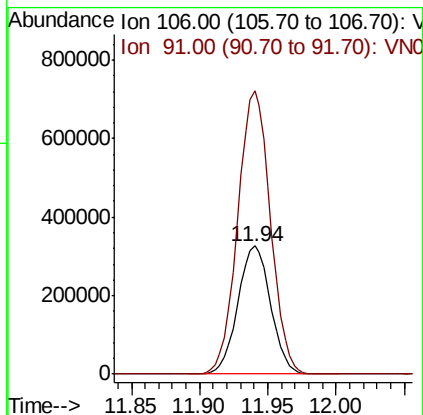
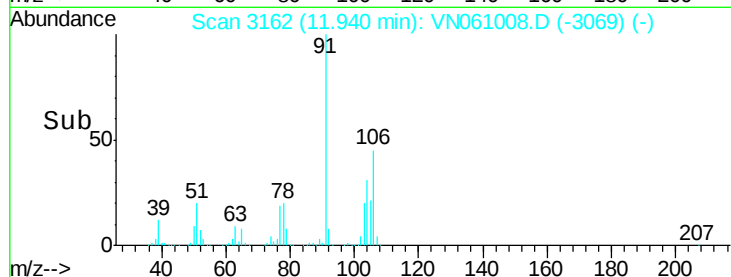
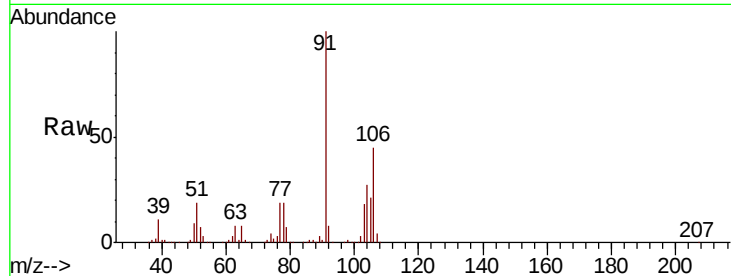




#69
o-Xylene
Concen: 156.178 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

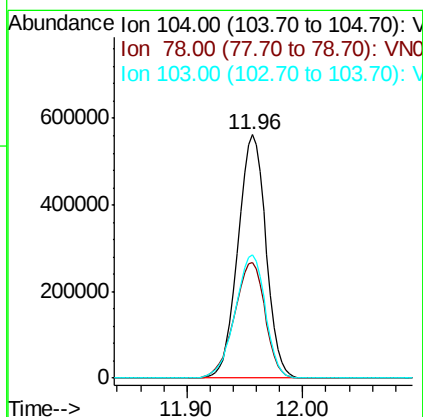
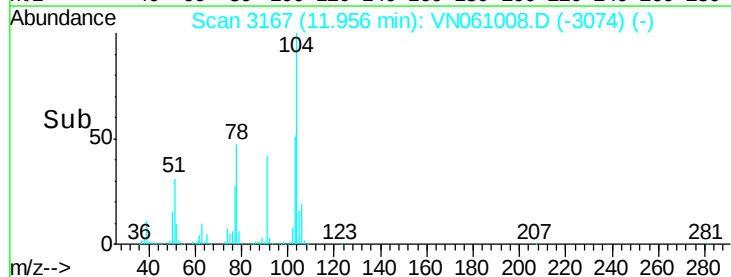
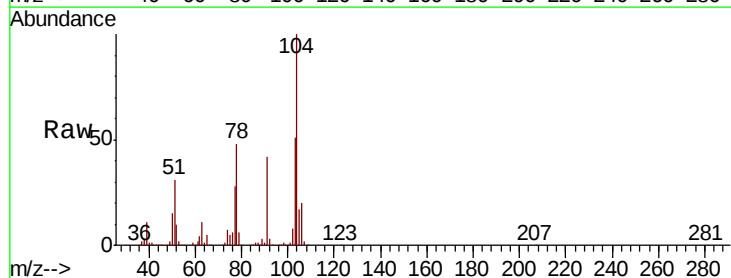
Instrument :
MSVOA_N
ClientSampled :

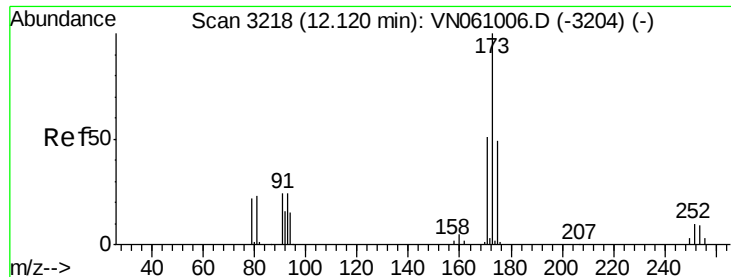
Tot Ion:106 Resp: 543421
Ion Ratio Lower Upper
106 100
91 220.2 110.7 332.1



#70
Styrene
Concen: 165.220 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion:104 Resp: 941225
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 54.8 44.4 66.6





#71

Bromoform

Concen: 170.997 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

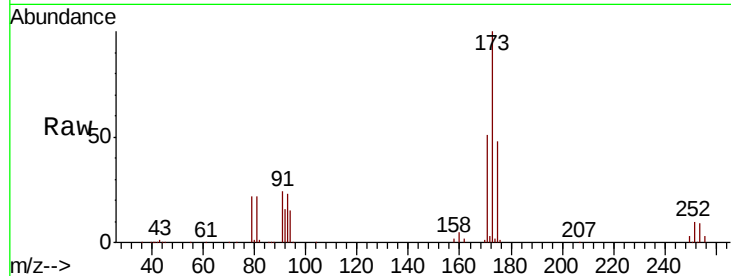
Tot Ion:173 Resp: 244021

Ion Ratio Lower Upper

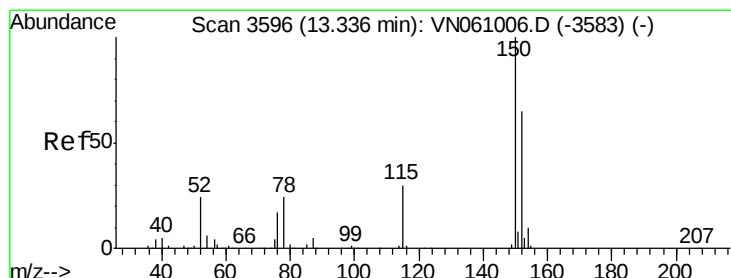
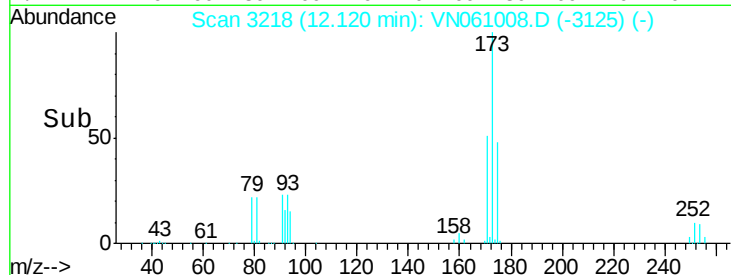
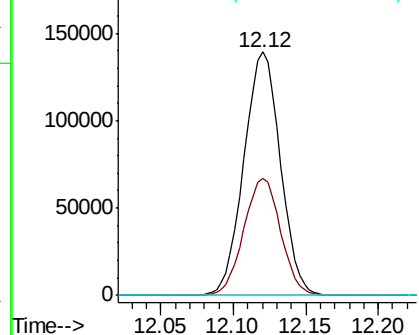
173 100

175 48.5 24.5 73.5

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: VN061008.D

Acq: 16 Apr 2020 13:04

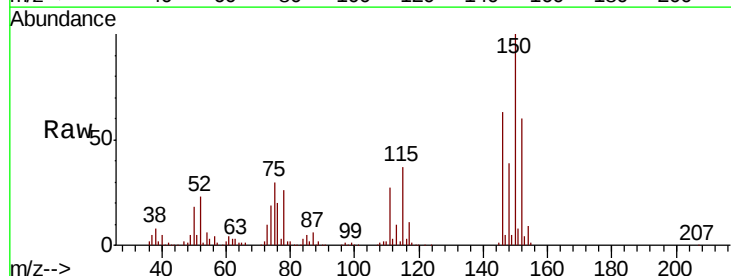
Tgt Ion:152 Resp: 128873

Ion Ratio Lower Upper

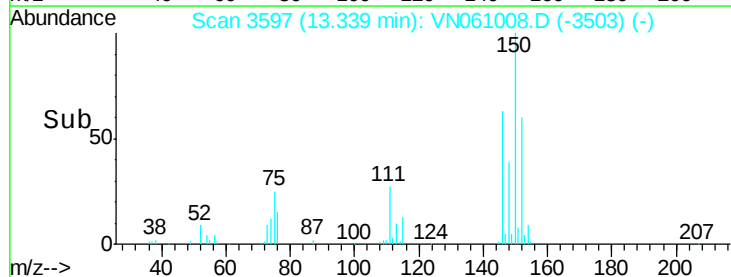
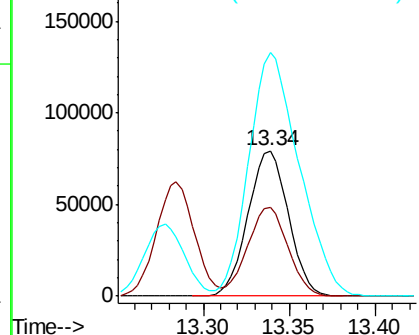
152 100

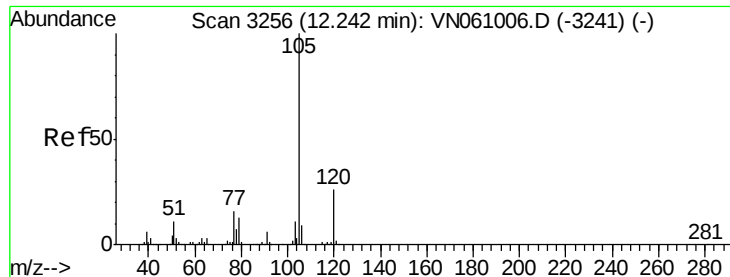
115 61.4 30.8 92.4

150 209.2 0.0 349.0



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: 149.693 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

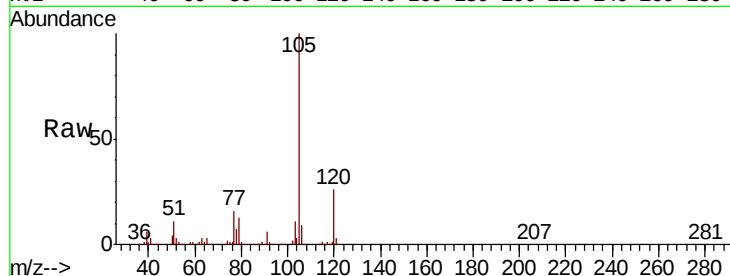
ClientSampleId :

Tot Ion:105 Resp: 1456072

Ion Ratio Lower Upper

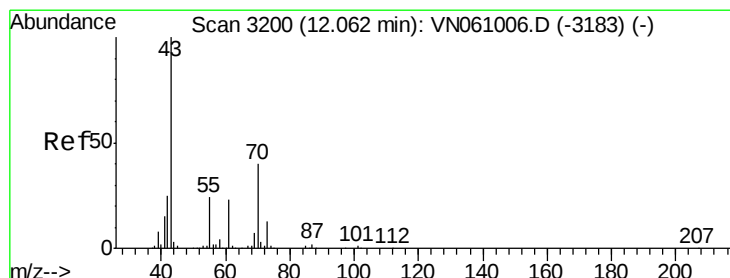
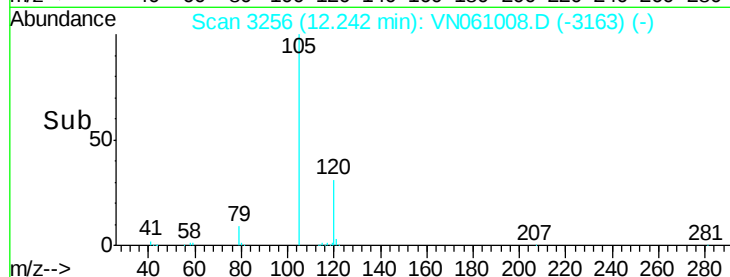
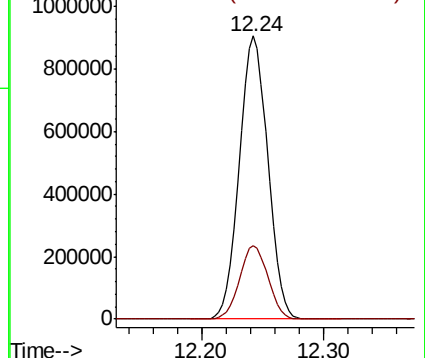
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 161.631 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Tgt Ion: 43 Resp: 729497

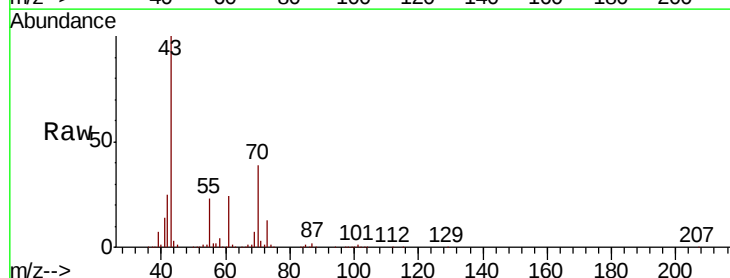
Ion Ratio Lower Upper

43 100

70 38.9 31.0 46.6

55 22.8 18.6 27.8

61 23.5 18.2 27.4

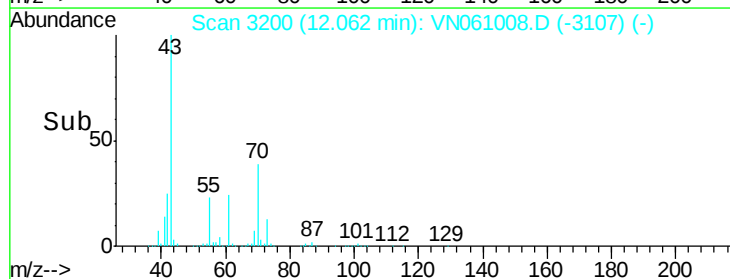
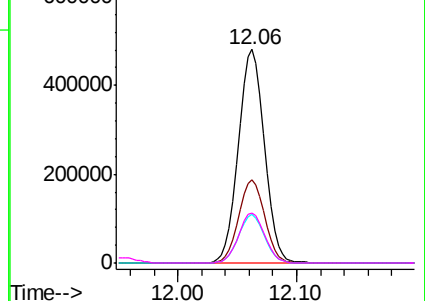


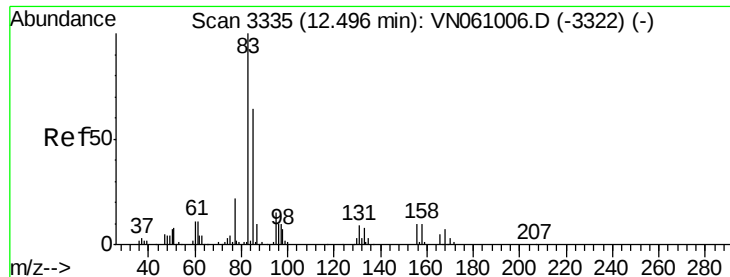
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 154.121 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

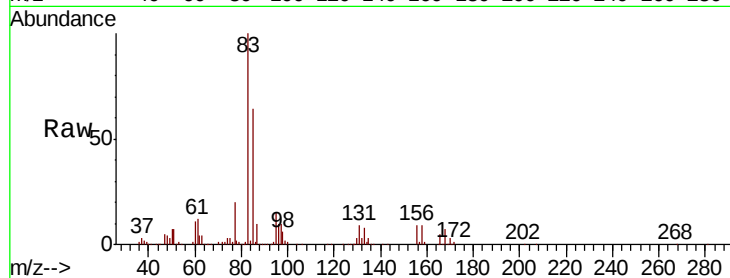
Tot Ion: 83 Resp: 455686

Ion Ratio Lower Upper

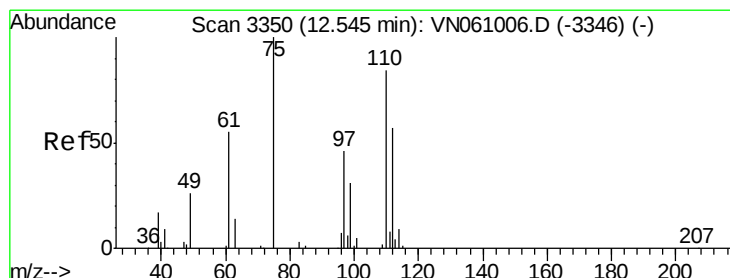
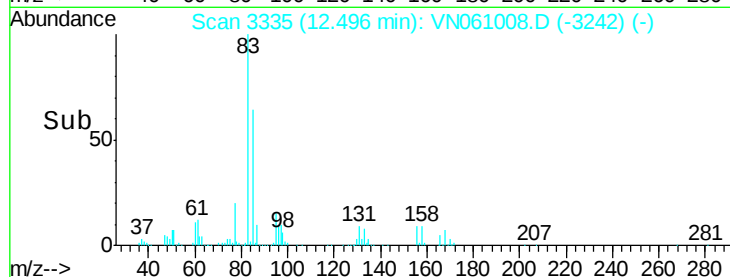
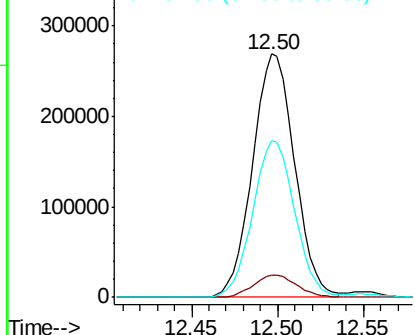
83 100

131 9.4 4.8 14.3

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 228.154 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061008.D

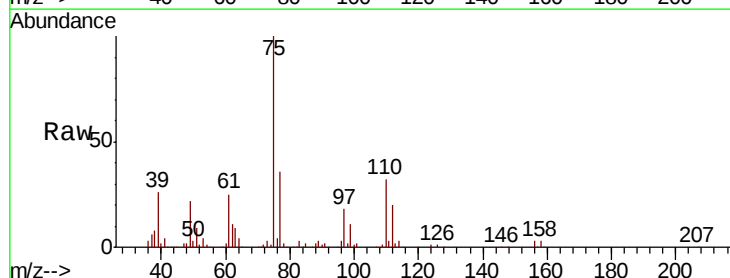
Acq: 16 Apr 2020 13:04

Tgt Ion: 75 Resp: 636775

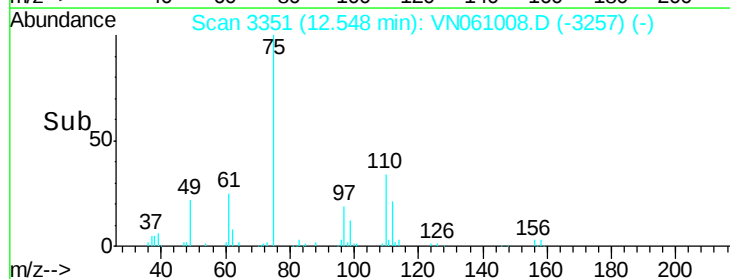
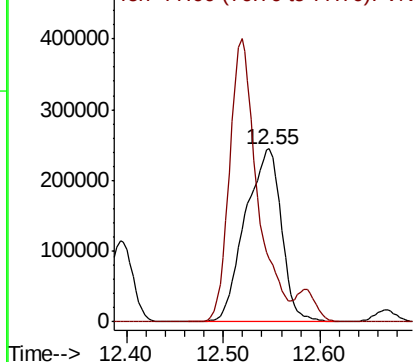
Ion Ratio Lower Upper

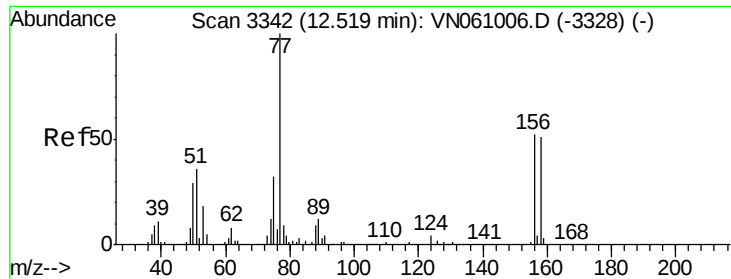
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 147.947 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

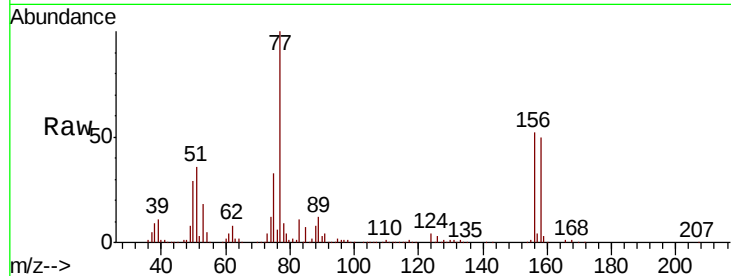
Tot Ion:156 Resp: 345443

Ion Ratio Lower Upper

156 100

77 232.7 115.6 346.8

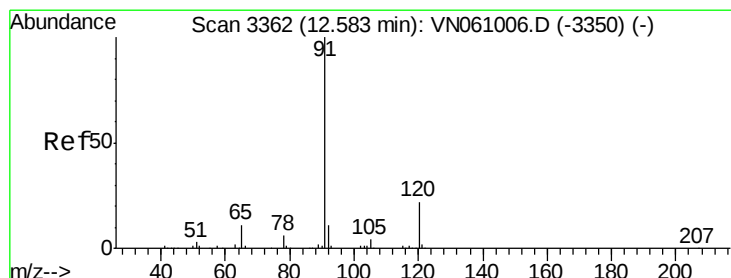
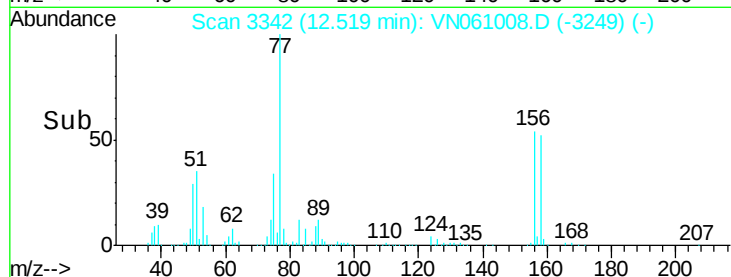
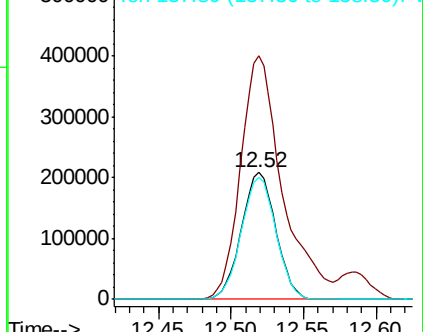
158 96.6 48.9 146.6



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: 152.422 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061008.D

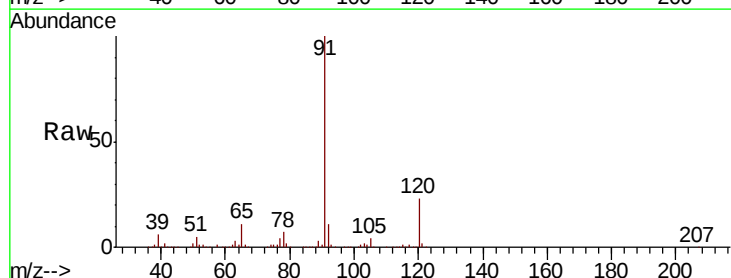
Acq: 16 Apr 2020 13:04

Tgt Ion: 91 Resp: 1757243

Ion Ratio Lower Upper

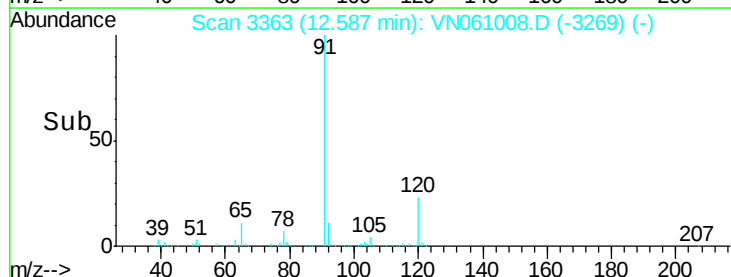
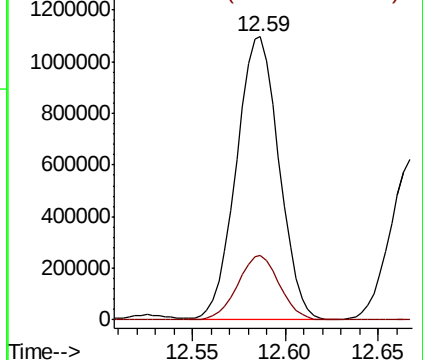
91 100

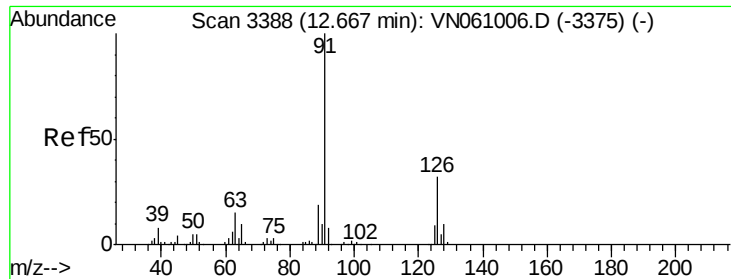
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.928 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

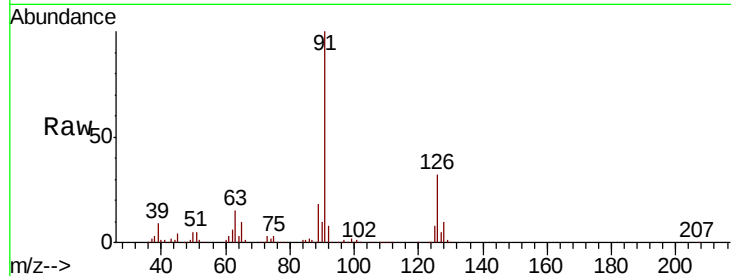
ClientSampled :

Tot Ion: 91 Resp: 1028745

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061008.D (-3388) (-)

Ion 125.90 (125.60 to 126.60): VN061008.D (-3388) (-)

1200000

1000000

800000

600000

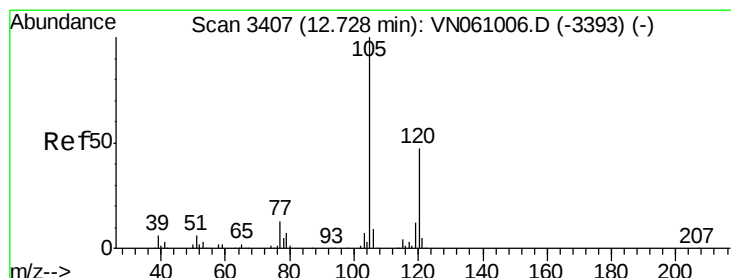
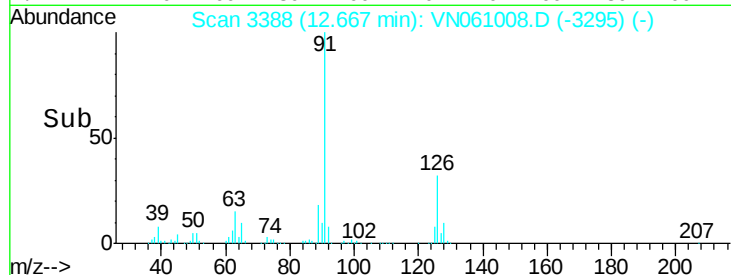
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 151.276 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061008.D

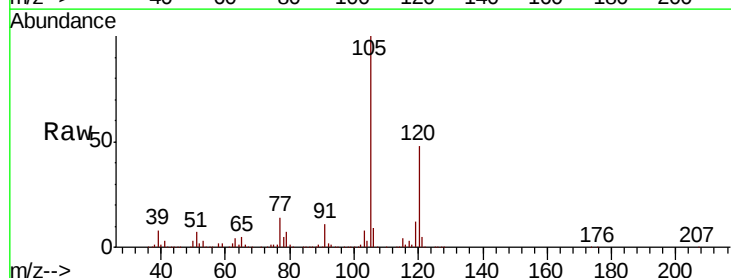
Acq: 16 Apr 2020 13:04

Tgt Ion:105 Resp: 1249670

Ion Ratio Lower Upper

105 100

120 47.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061008.D (-3407) (-)

Ion 120.00 (119.70 to 120.70): VN061008.D (-3407) (-)

800000

600000

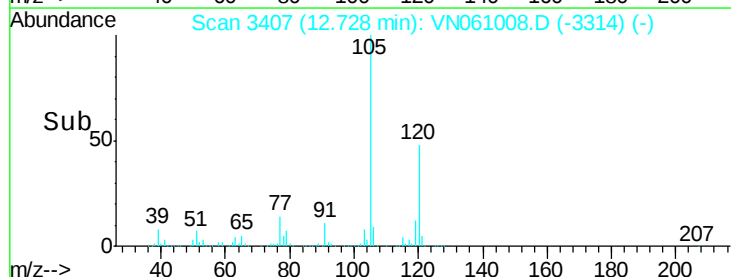
400000

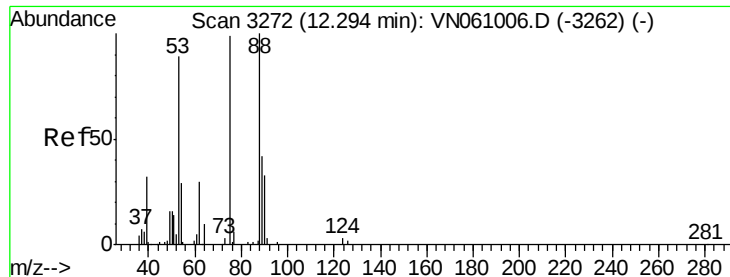
200000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 160.341 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

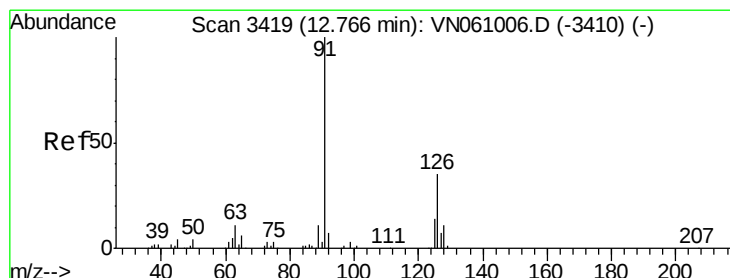
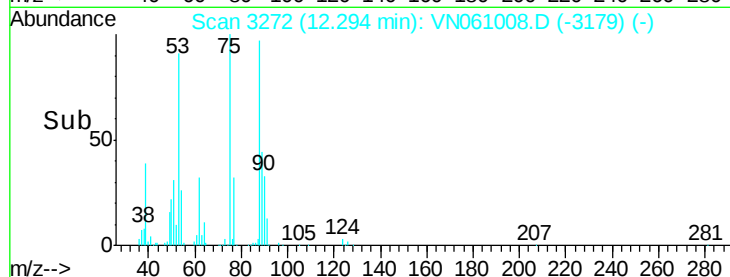
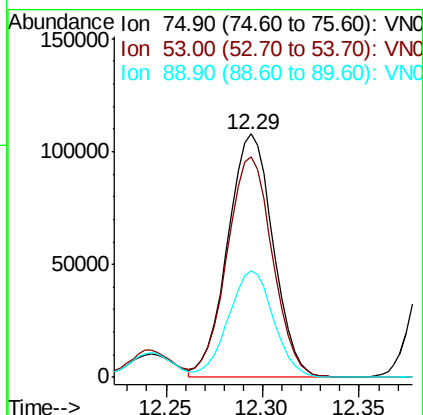
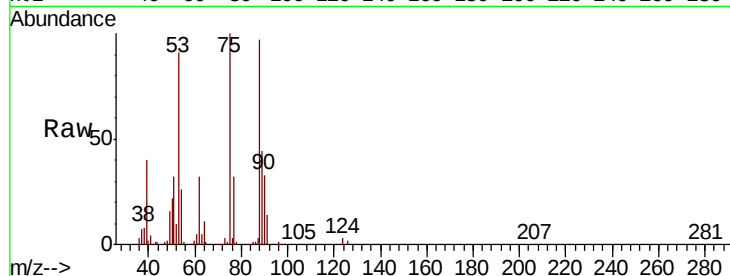
Tot Ion: 75 Resp: 175151

Ion Ratio Lower Upper

75 100

53 91.7 74.7 112.1

89 43.7 34.6 52.0



#82

4-Chlorotoluene

Concen: 154.735 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061008.D

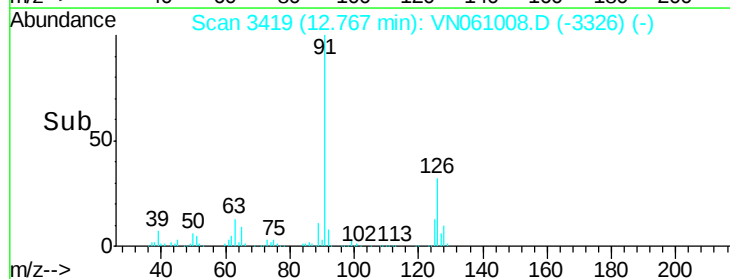
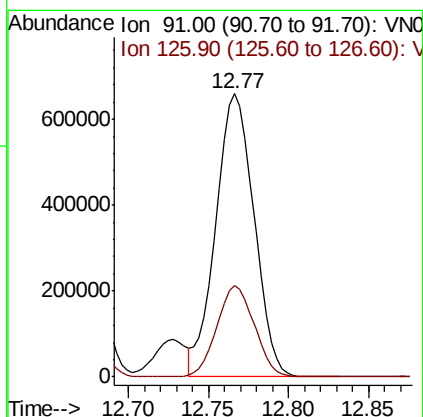
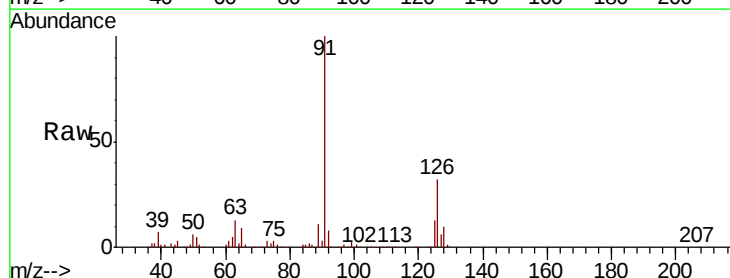
Acq: 16 Apr 2020 13:04

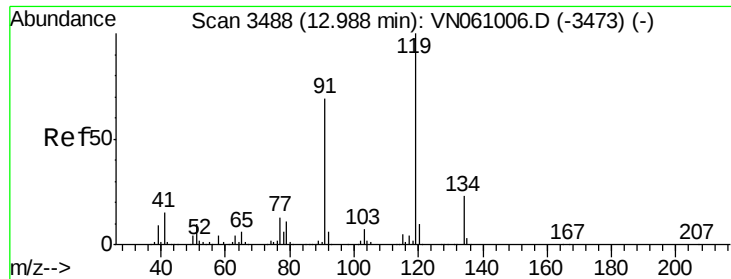
Tgt Ion: 91 Resp: 1083796

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.6

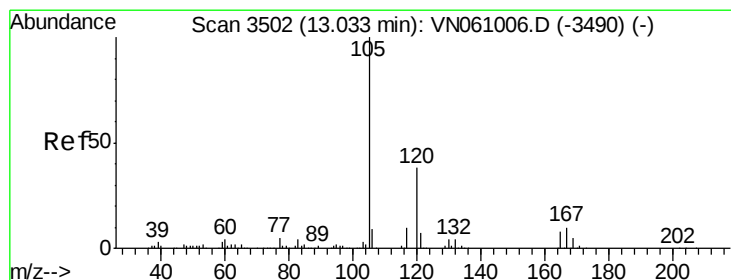
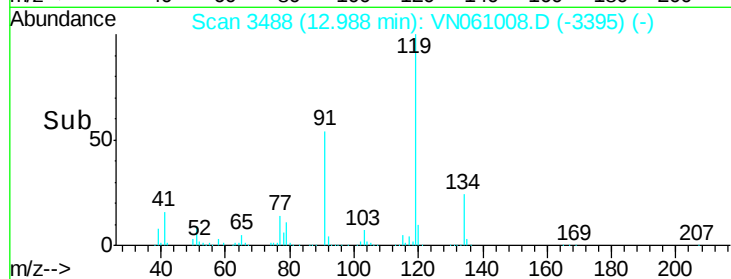
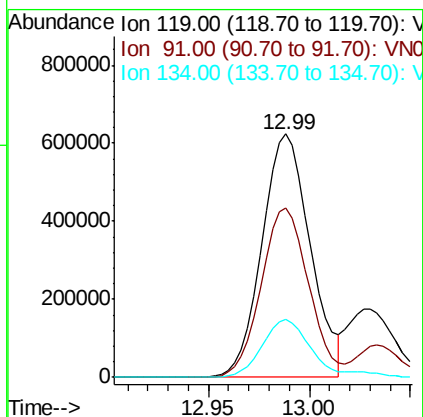
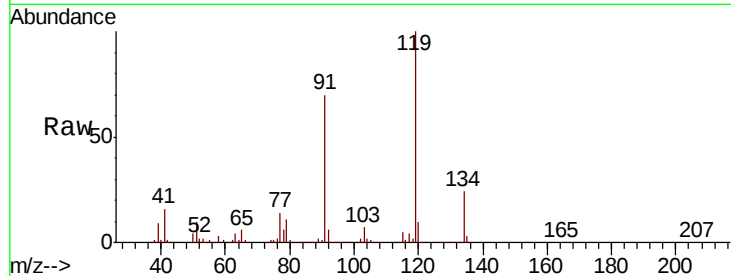




#83
 tert-Butylbenzene
 Concen: 152.021 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

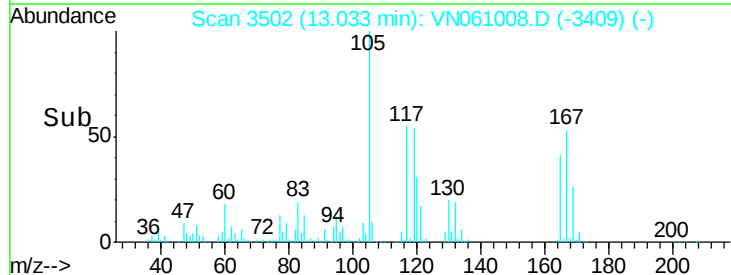
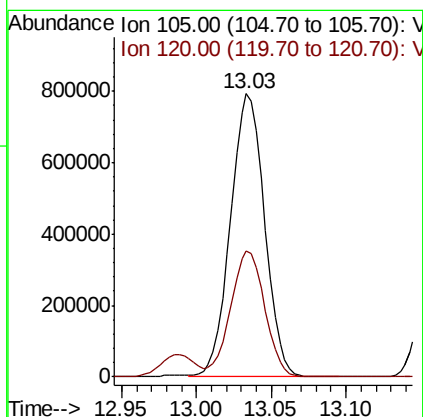
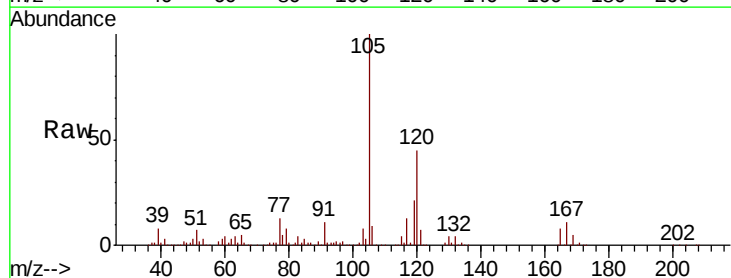
Instrument :
 MSVOA_N
 ClientSampled :

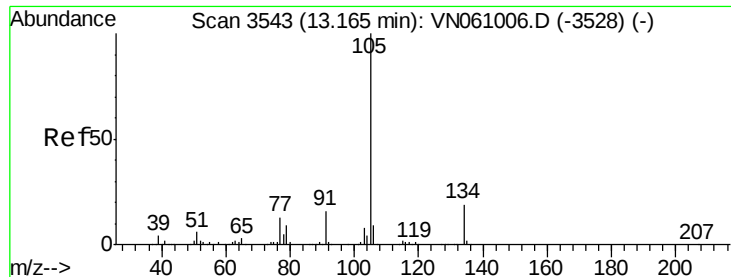
Tot Ion:119 Resp: 1041236
 Ion Ratio Lower Upper
 119 100
 91 68.5 34.1 102.3
 134 24.9 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 153.936 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion:105 Resp: 1257064
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 154.658 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

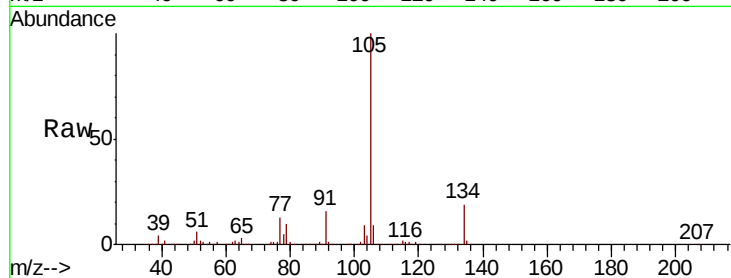
ClientSampleId :

Tot Ion:105 Resp: 1427844

Ion Ratio Lower Upper

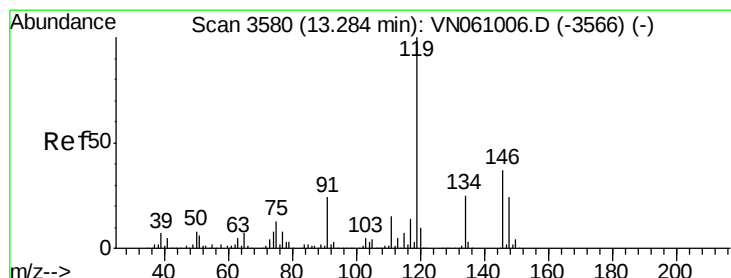
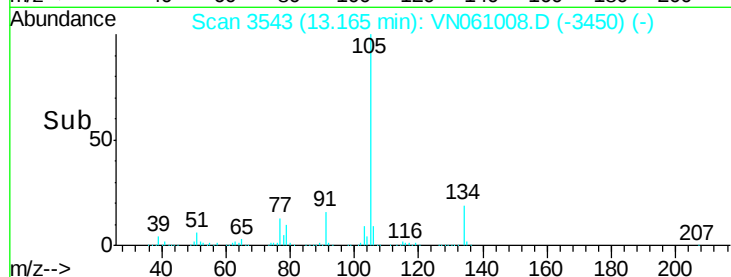
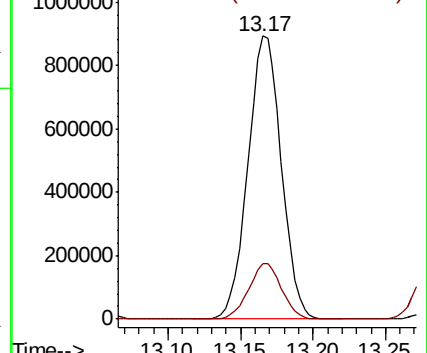
105 100

134 19.3 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 155.537 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

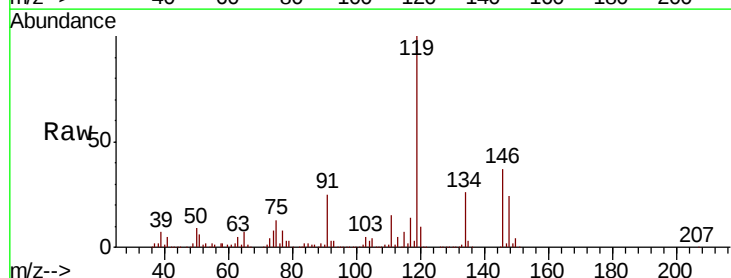
Tgt Ion:119 Resp: 1290015

Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

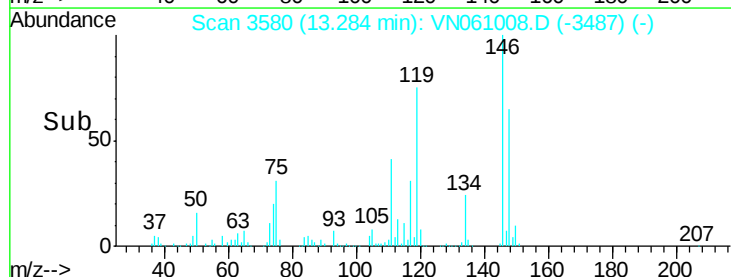
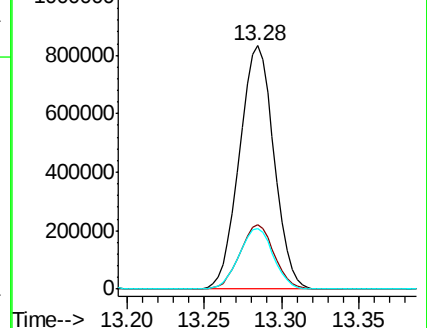
91 24.7 12.3 36.8

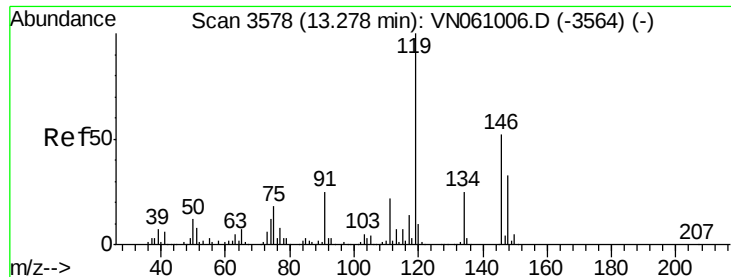


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

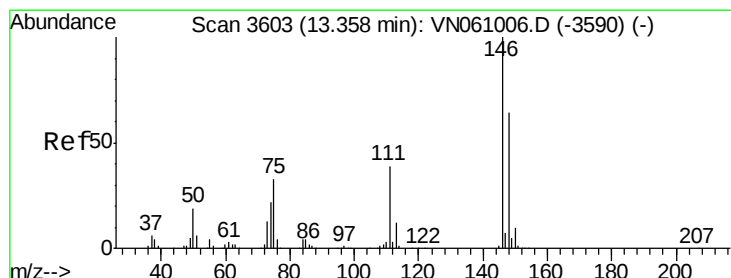
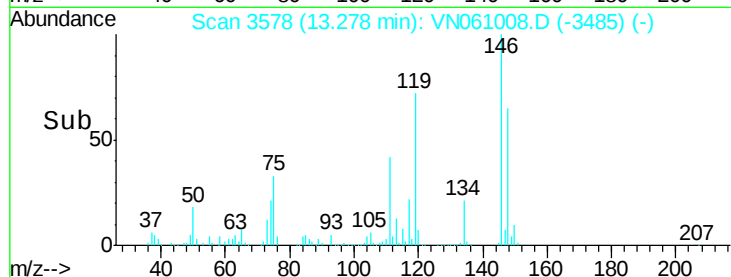
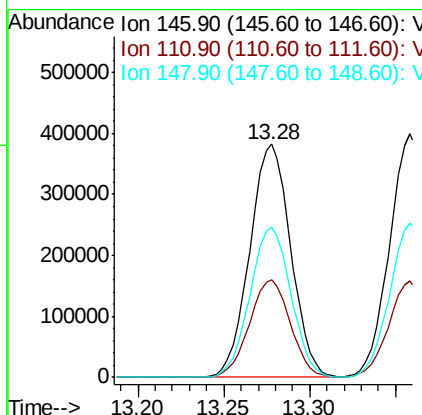
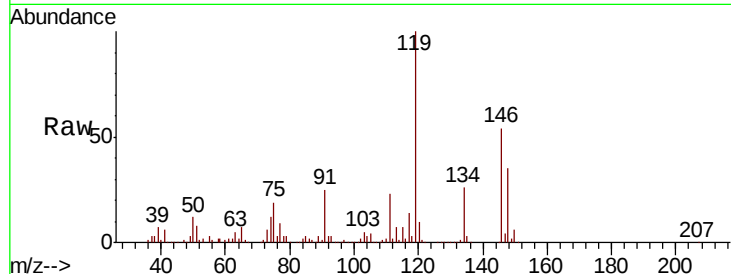




#87
 1,3-Dichlorobenzene
 Concen: 152.487 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

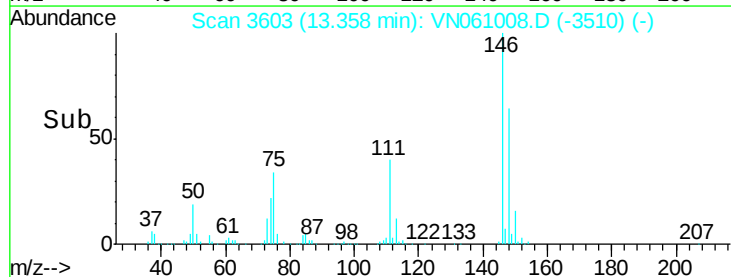
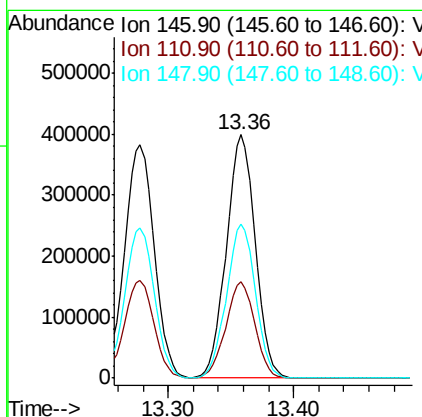
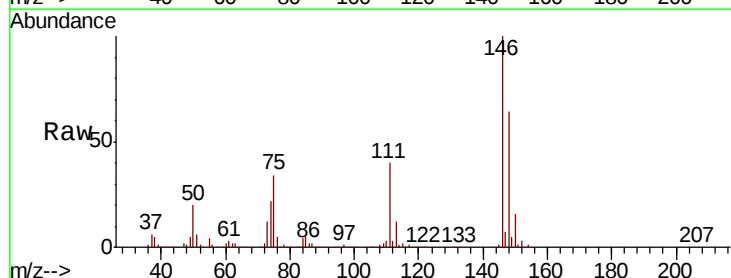
Instrument :
 MSVOA_N
 ClientSampled :

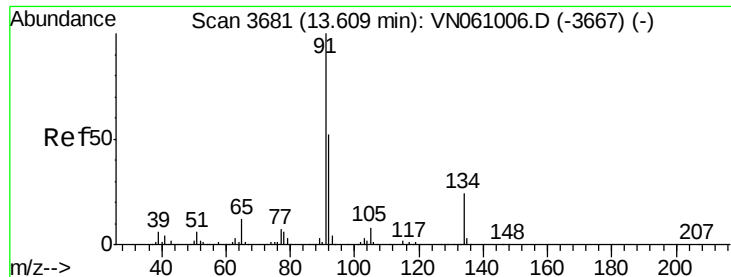
Tot Ion:146 Resp: 630236
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 153.569 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion:146 Resp: 636782
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.1 60.3
 148 63.6 32.1 96.3

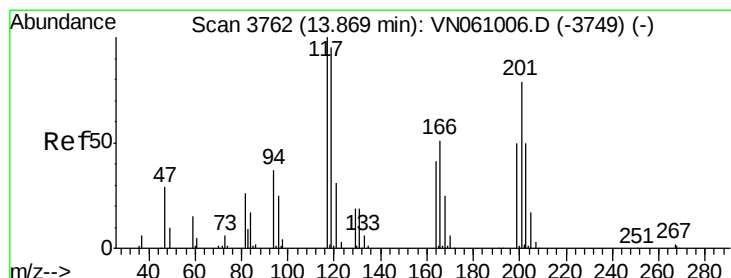
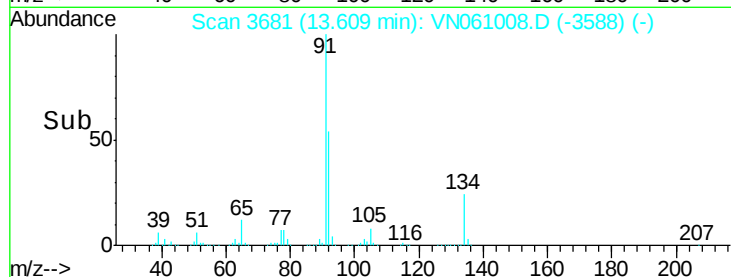
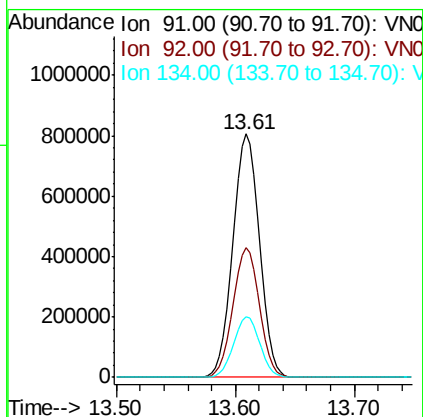
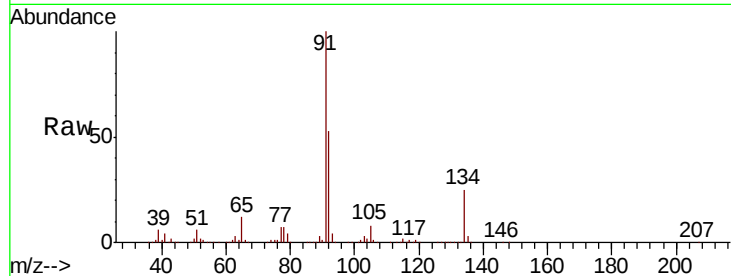




#89
n-Butylbenzene
Concen: 165.674 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

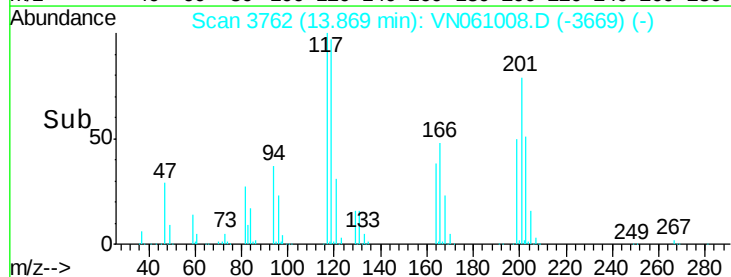
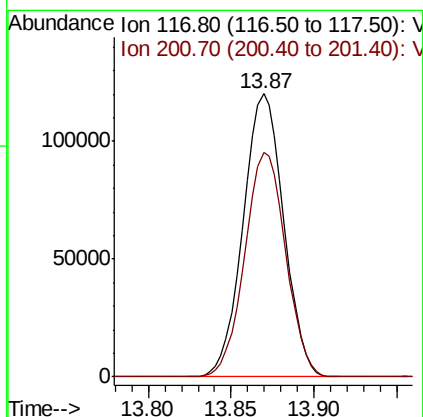
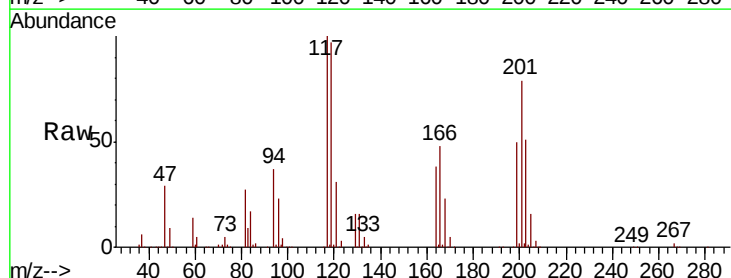
Instrument :
MSVOA_N
ClientSampled :

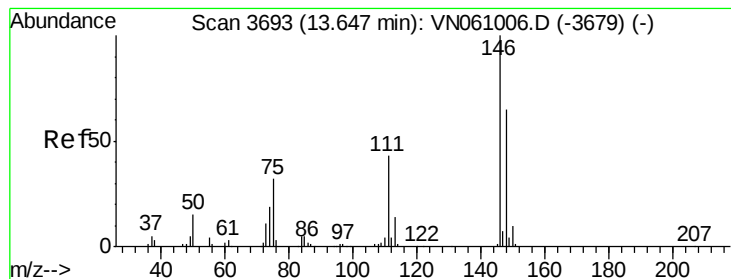
Tot Ion: 91 Resp: 1246773
Ion Ratio Lower Upper
91 100
92 52.8 26.1 78.2
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 169.068 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061008.D
Acq: 16 Apr 2020 13:04

Tgt Ion: 117 Resp: 204455
Ion Ratio Lower Upper
117 100
201 80.1 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 151.821 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

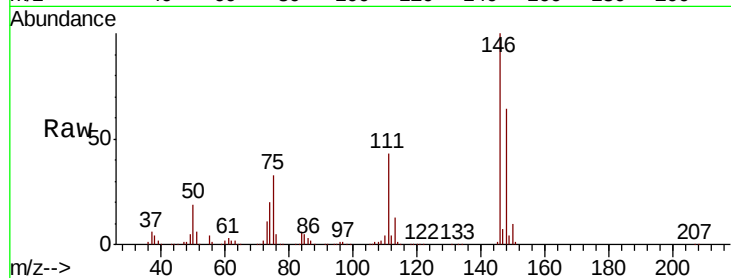
Tot Ion:146 Resp: 598266

Ion Ratio Lower Upper

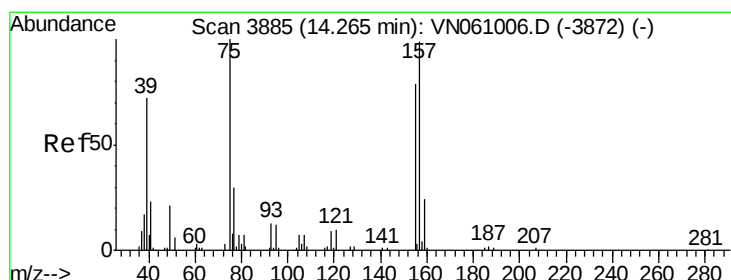
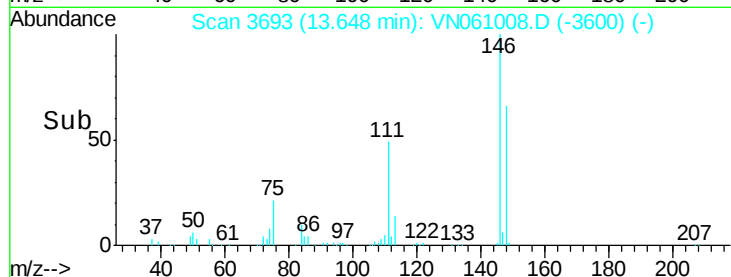
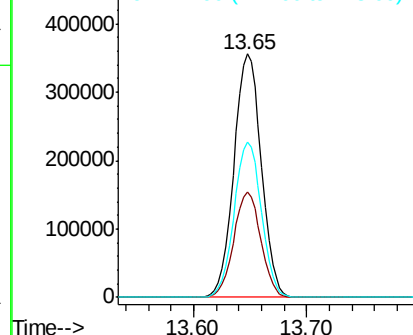
146 100

111 42.9 21.3 64.0

148 63.7 32.0 96.0



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: 146.577 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

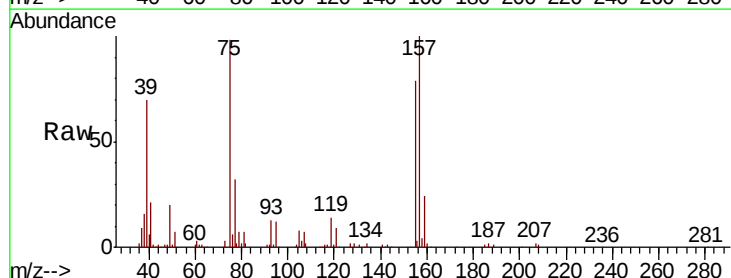
Tgt Ion: 75 Resp: 97103

Ion Ratio Lower Upper

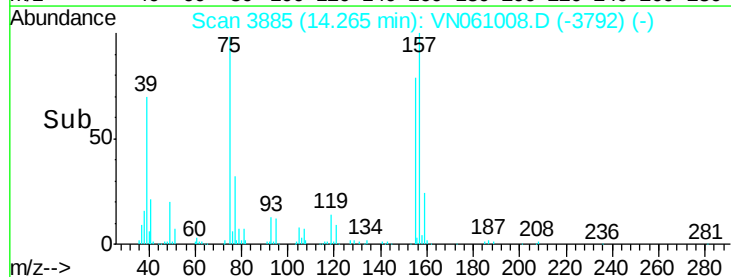
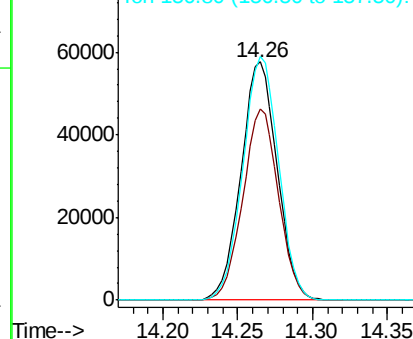
75 100

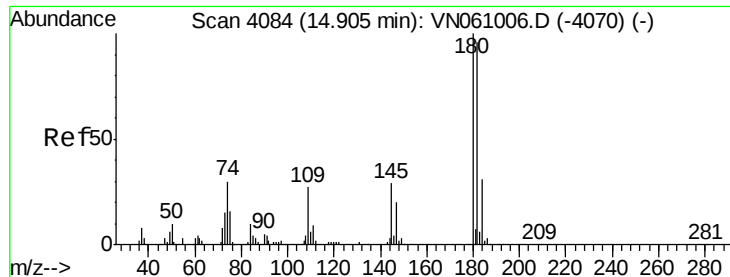
155 78.9 39.5 118.5

157 101.2 50.1 150.4



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

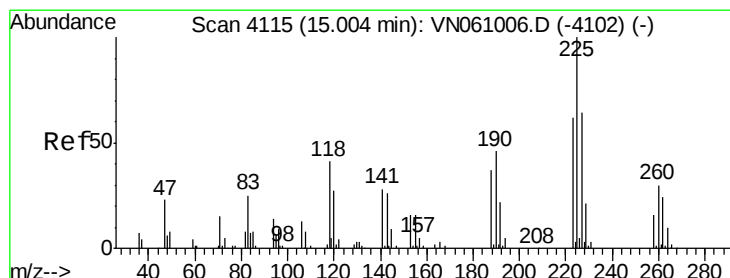
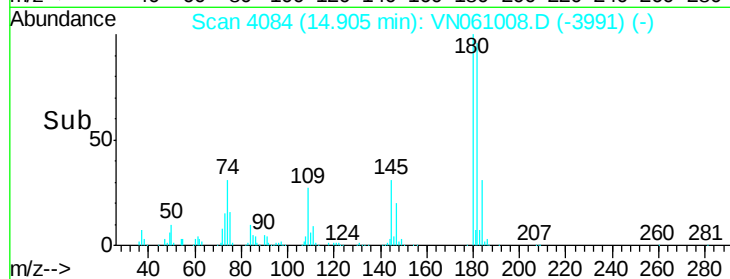
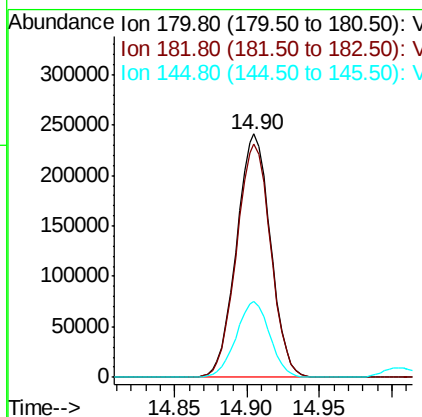
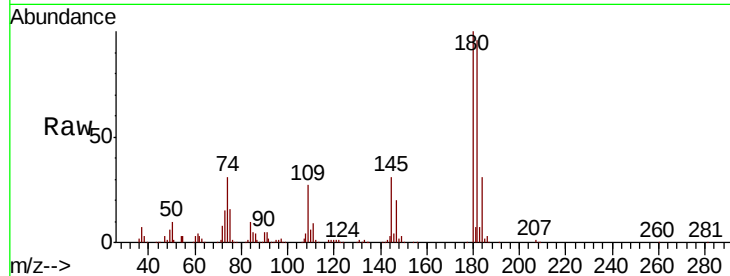




#93
 1,2,4-Trichlorobenzene
 Concen: 162.373 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

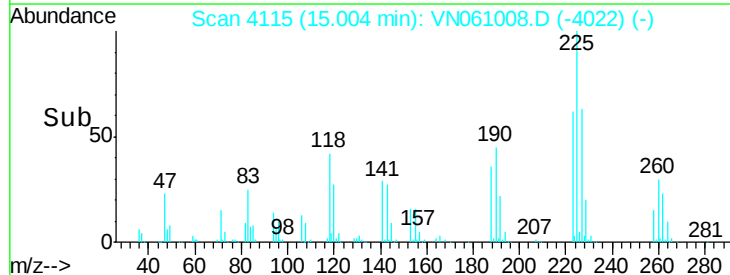
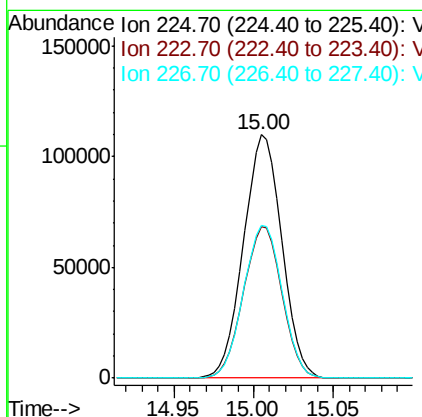
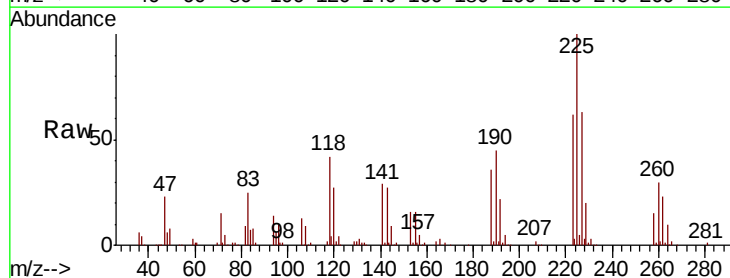
Instrument :
 MSVOA_N
 ClientSampleId :

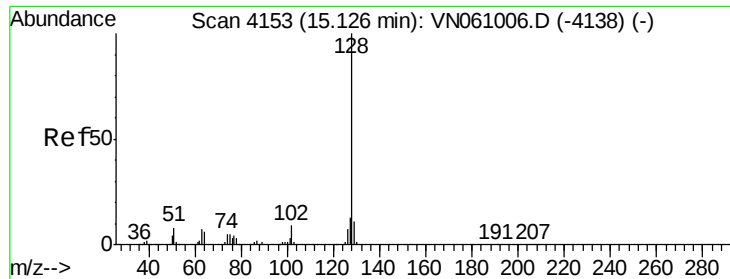
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	30.9	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 150.977 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061008.D
 Acq: 16 Apr 2020 13:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	63.4	31.9	95.5





#95

Naphthalene

Concen: 163.041 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

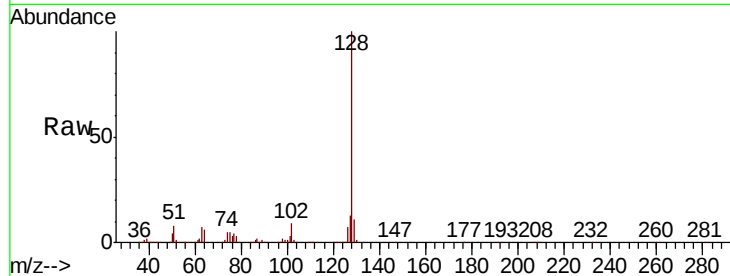
Tot Ion:128 Resp: 1179875

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

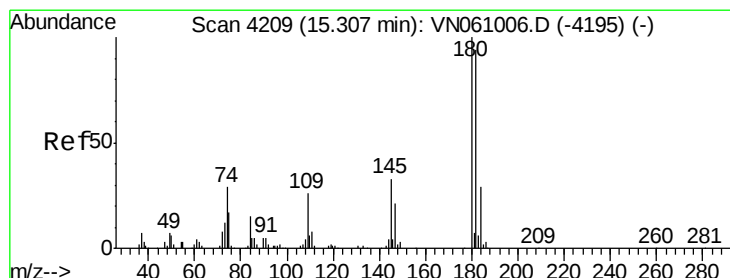
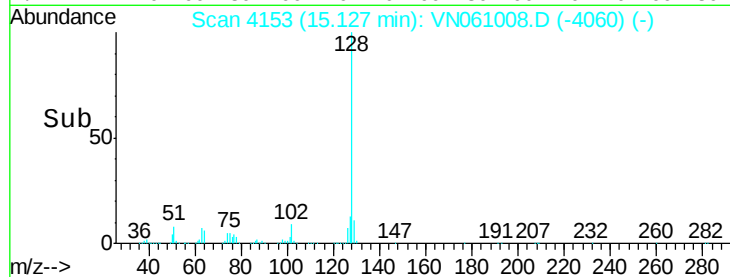
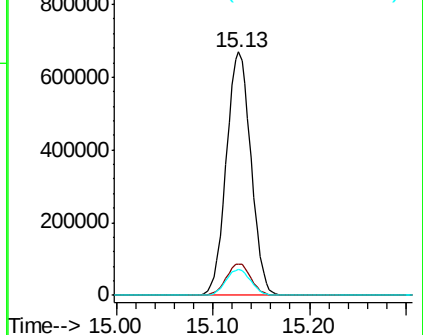
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 157.980 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061008.D

Acq: 16 Apr 2020 13:04

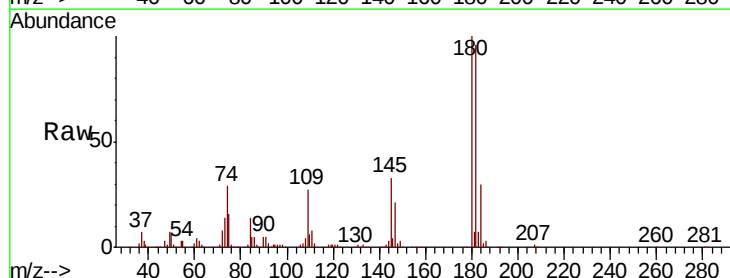
Tgt Ion:180 Resp: 376414

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 32.9 16.4 49.2



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

