

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061040.D
 Acq On : 17 Apr 2020 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 01:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	163404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	272321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	247993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	94680	45.29	ug/l	0.00
Spiked Amount						
			Recovery	=	90.58%	
35) Dibromofluoromethane	7.56	113	74327	46.74	ug/l	0.00
Spiked Amount						
			Recovery	=	93.48%	
50) Toluene-d8	10.08	98	264358	43.99	ug/l	0.00
Spiked Amount						
			Recovery	=	87.98%	
62) 4-Bromofluorobenzene	12.39	95	106314	45.14	ug/l	0.00
Spiked Amount						
			Recovery	=	90.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	100928	46.755	ug/l	100
3) Chloromethane	2.04	50	129665	44.741	ug/l	99
4) Vinyl Chloride	2.17	62	110175	45.746	ug/l	99
5) Bromomethane	2.54	94	55790	46.193	ug/l	100
6) Chloroethane	2.68	64	67189	48.362	ug/l	99
7) Trichlorofluoromethane	3.00	101	144189	48.089	ug/l	99
8) Diethyl Ether	3.38	74	58696	49.254	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	84010	47.756	ug/l	99
10) Methyl Iodide	3.92	142	90371	58.232	ug/l	100
11) Tert butyl alcohol	4.72	59	93753	252.747	ug/l	100
12) 1,1-Dichloroethene	3.71	96	83229	46.544	ug/l	96
13) Acrolein	3.57	56	77836	248.520	ug/l	100
14) Allyl chloride	4.29	41	151927	44.904	ug/l	98
15) Acrylonitrile	4.94	53	259874	258.389	ug/l	99
16) Acetone	3.77	43	244005	265.165	ug/l	100
17) Carbon Disulfide	4.03	76	252540	45.133	ug/l	99
18) Methyl Acetate	4.28	43	148613	51.503	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	307755	49.359	ug/l	97
20) Methylene Chloride	4.52	84	96642	48.102	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	89738	46.921	ug/l	96
22) Diisopropyl ether	5.91	45	339284	48.284	ug/l	99
23) Vinyl Acetate	5.85	43	1366330	247.962	ug/l	99
24) 1,1-Dichloroethane	5.81	63	177999	46.902	ug/l	99
25) 2-Butanone	6.79	43	362925	257.378	ug/l	100
26) 2,2-Dichloropropane	6.79	77	151279	47.874	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	105078	47.855	ug/l	99
28) Bromochloromethane	7.16	49	80825	46.396	ug/l	100
29) Tetrahydrofuran	7.17	42	237483	248.078	ug/l	98
30) Chloroform	7.34	83	171066	48.326	ug/l	99
31) Cyclohexane	7.63	56	171242	43.971	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	145053	47.374	ug/l	100
36) 1,1-Dichloropropene	7.76	75	131996	46.972	ug/l	100
37) Ethyl Acetate	6.89	43	148240	48.582	ug/l	100
38) Carbon Tetrachloride	7.75	117	115645	49.441	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	159559	47.493	ug/l	99
40) Benzene	8.01	78	397174	47.642	ug/l	99
41) Methacrylonitrile	7.17	41	211381	166.088	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	143203	50.425	ug/l	99
43) Isopropyl Acetate	8.13	43	249500	50.276	ug/l	100
44) Trichloroethene	8.81	130	99452	47.477	ug/l	99
45) 1,2-Dichloropropane	9.10	63	108500	48.185	ug/l	98
46) Dibromomethane	9.19	93	66035	50.864	ug/l	99
47) Bromodichloromethane	9.38	83	136654	49.826	ug/l	100
48) Methyl methacrylate	9.18	41	111506	50.844	ug/l	99
49) 1,4-Dioxane	9.17	88	32946	1080.800	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	731226	255.604	ug/l	100
52) Toluene	10.14	92	240297	48.047	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	161384	50.657	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	173205	49.829	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	95376	50.393	ug/l	98
56) Ethyl methacrylate	10.42	69	154504	51.914	ug/l	98
57) 1,3-Dichloropropane	10.69	76	166590	49.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	406931	300.905	ug/l	99
59) 2-Hexanone	10.74	43	538935	261.222	ug/l	100
60) Dibromochloromethane	10.89	129	99867	51.366	ug/l	99
61) 1,2-Dibromoethane	10.99	107	96749	50.166	ug/l	100
64) Tetrachloroethene	10.62	164	93106	49.063	ug/l	99
65) Chlorobenzene	11.42	112	247598	48.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	90806	49.578	ug/l	99
67) Ethyl Benzene	11.50	91	465343	48.322	ug/l	99
68) m/p-Xylenes	11.61	106	338273	97.198	ug/l	100
69) o-Xylene	11.94	106	163474	48.854	ug/l	99
70) Styrene	11.96	104	270769	50.263	ug/l	100
71) Bromoform	12.12	173	72164	52.783	ug/l #	99
73) Isopropylbenzene	12.24	105	436717	46.766	ug/l	100
74) N-amyl acetate	12.06	43	215125	49.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	141108	49.501	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	192639	75.136	ug/l #	100
77) Bromobenzene	12.52	156	103556	47.495	ug/l	100
78) n-propylbenzene	12.58	91	520754	47.664	ug/l	100
79) 2-Chlorotoluene	12.67	91	306401	47.816	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	370245	47.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	51668	49.707	ug/l	98
82) 4-Chlorotoluene	12.77	91	317619	47.792	ug/l	100
83) tert-Butylbenzene	12.99	119	307354	47.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	374839	49.128	ug/l	100
85) sec-Butylbenzene	13.17	105	418722	47.607	ug/l	100
86) p-Isopropyltoluene	13.28	119	377198	48.160	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	185206	47.664	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	185556	47.468	ug/l	99
89) n-Butylbenzene	13.61	91	350170	48.079	ug/l	100
90) Hexachloroethane	13.87	117	56784	47.256	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	179136	48.303	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	28732	52.080	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

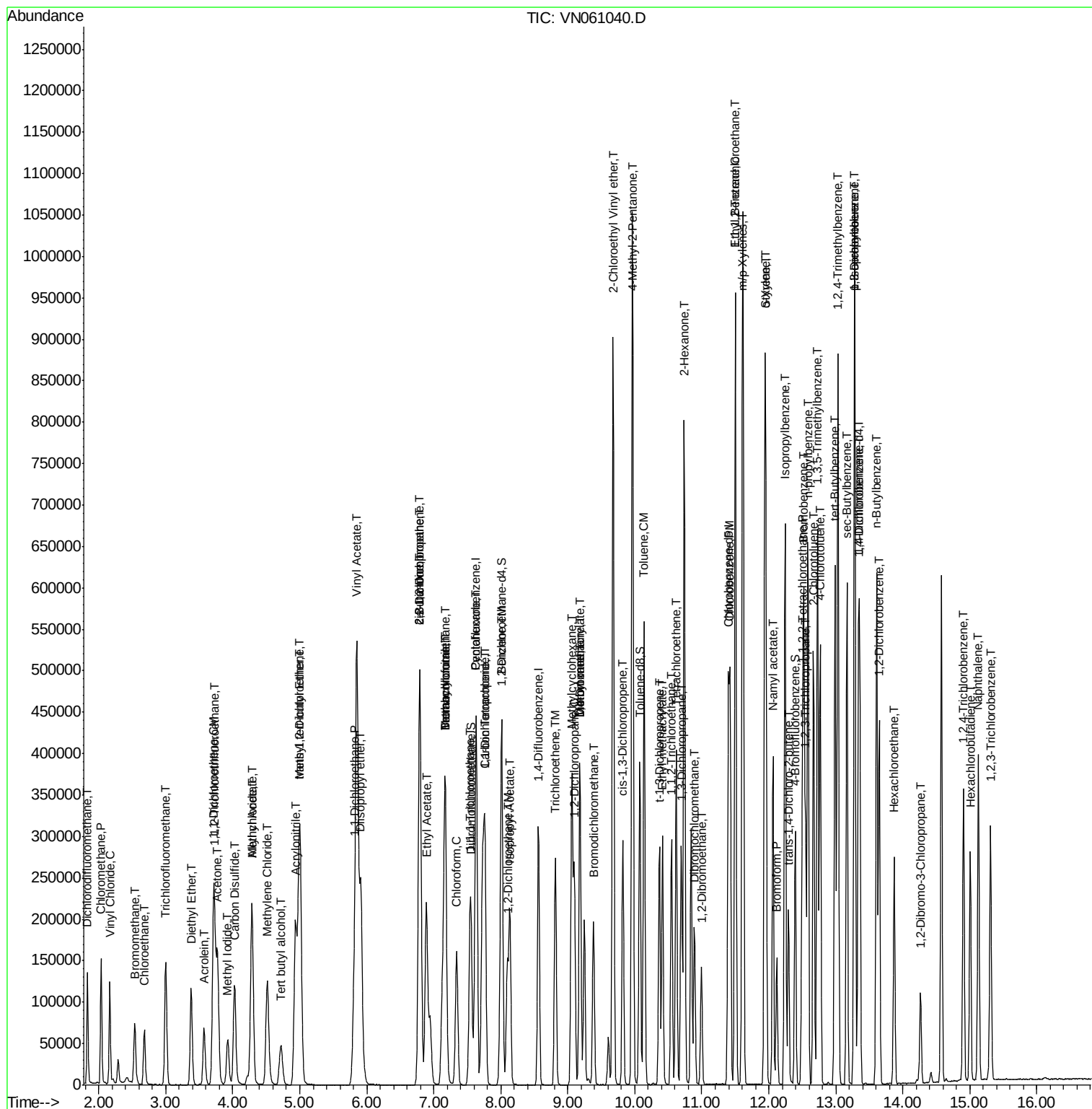
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	110007	50.116	ug/l	99
94) Hexachlorobutadiene	15.01	225	53477	47.358	ug/l	98
95) Naphthalene	15.13	128	326449	50.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	105628	49.934	ug/l	99

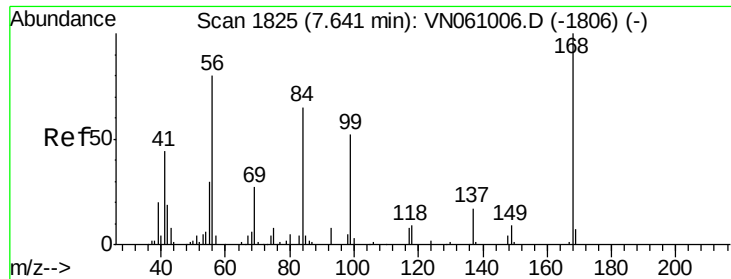
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061040.D
Acq On : 17 Apr 2020 10:53
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ClientSampled :

Quant Time: Apr 20 01:28:34 2020
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

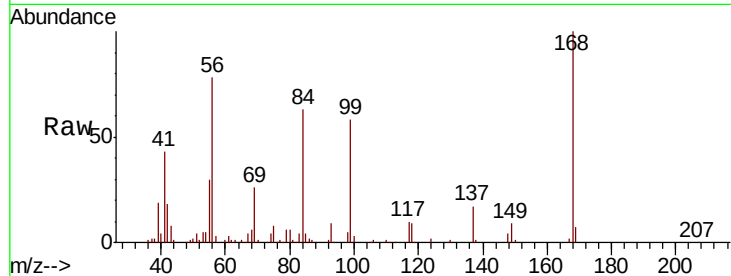
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 163404

Ion Ratio Lower Upper

168 100

99 57.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

40000

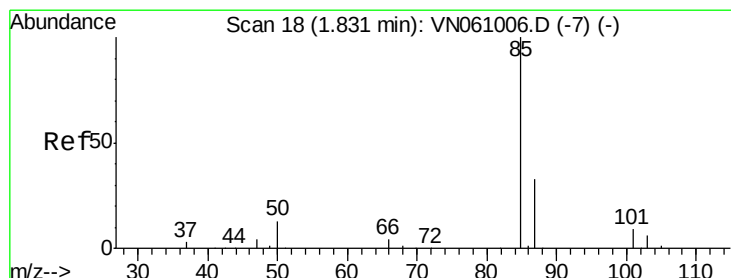
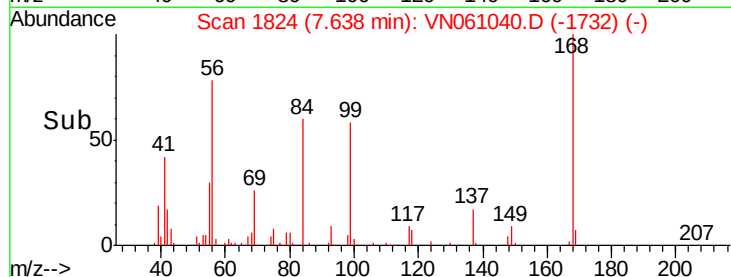
20000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 46.755 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061040.D

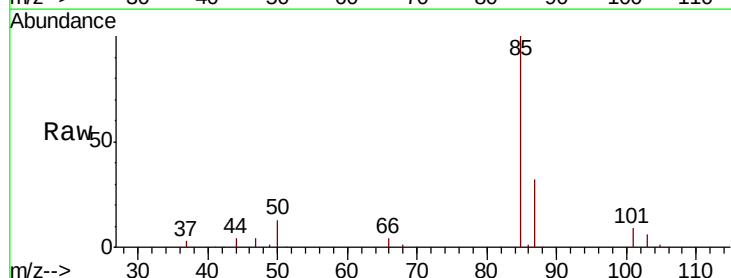
Acq: 17 Apr 2020 10:53

Tgt Ion: 85 Resp: 100928

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

40000

20000

0

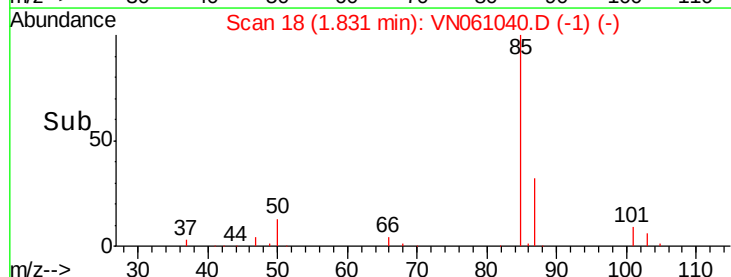
Time-->

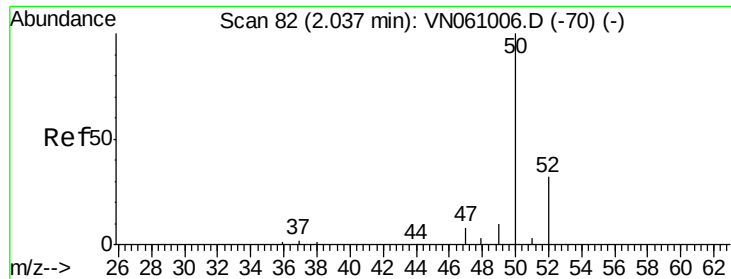
1.75

1.80

1.85

1.90

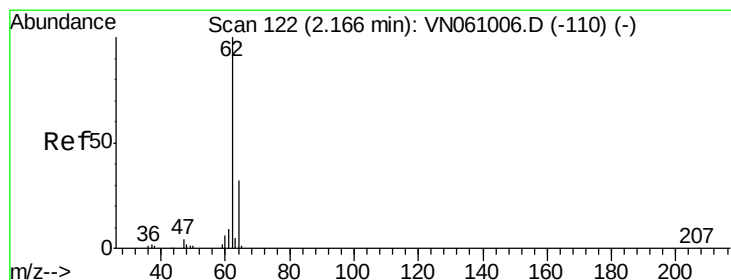
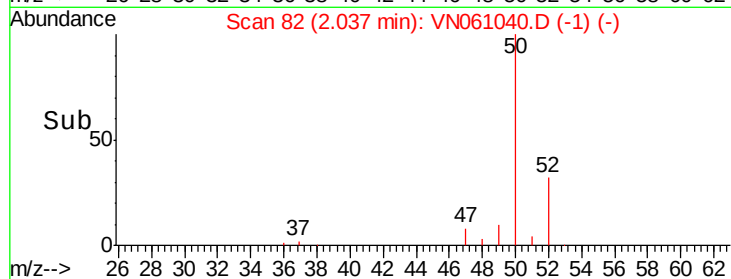
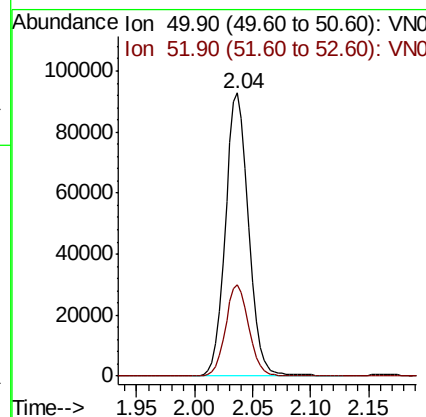
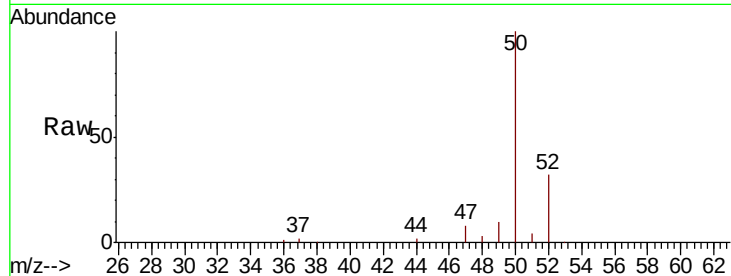




#3
 Chloromethane
 Concen: 44.741 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

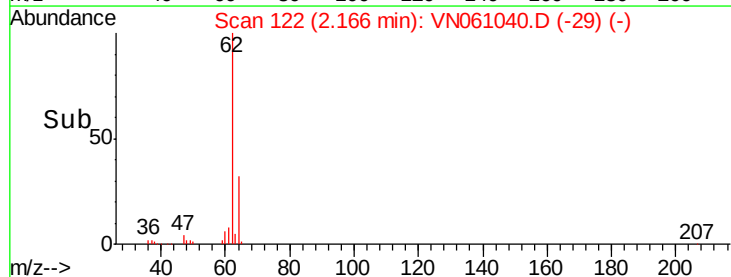
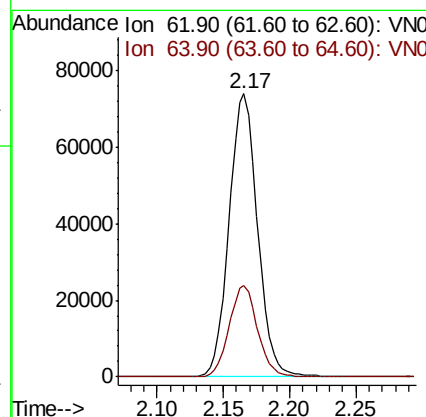
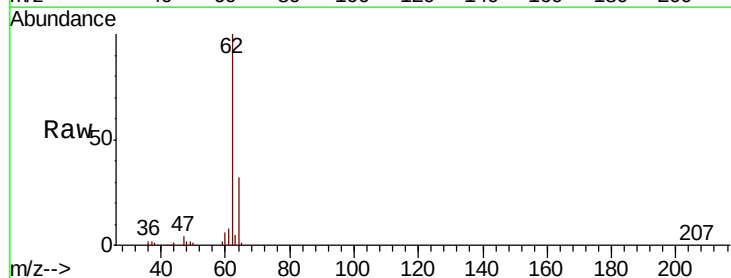
Instrument :
 MSVOA_N
 ClientSampled :

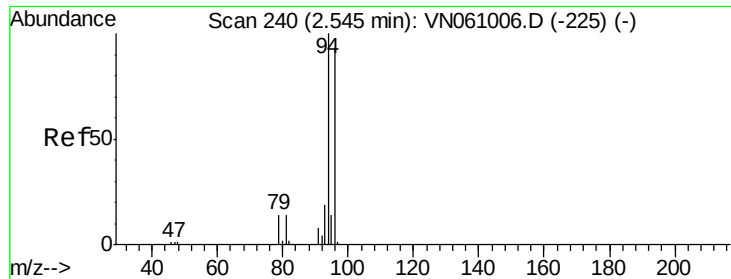
Tot Ion: 50 Resp: 129665
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.6 38.4



#4
 Vinyl Chloride
 Concen: 45.746 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 62 Resp: 110175
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.4 38.0





#5

Bromomethane

Concen: 46.193 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

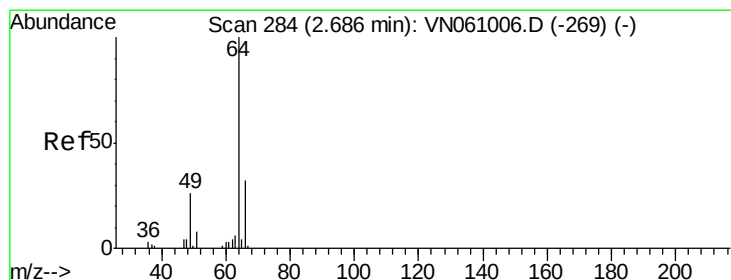
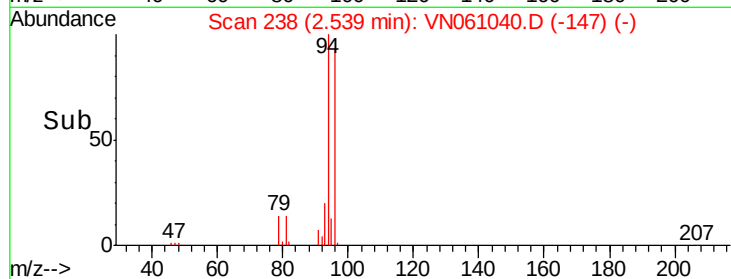
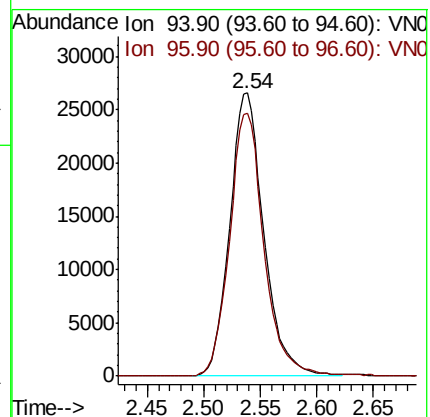
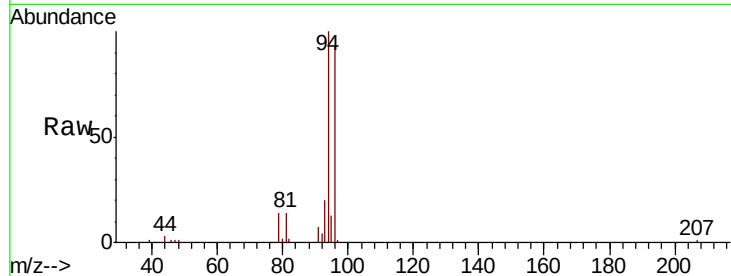
ClientSampled :

Tot Ion: 94 Resp: 55790

Ion Ratio Lower Upper

94 100

96 93.1 74.3 111.5



#6

Chloroethane

Concen: 48.362 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN061040.D

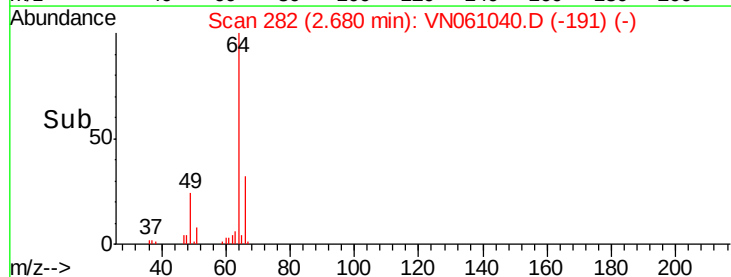
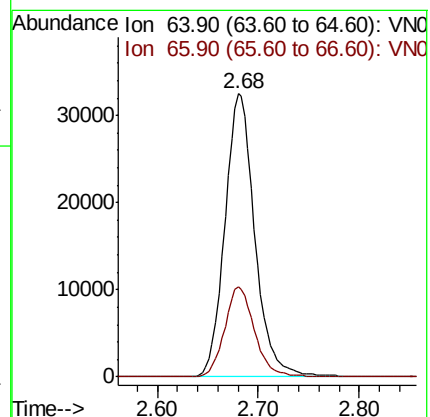
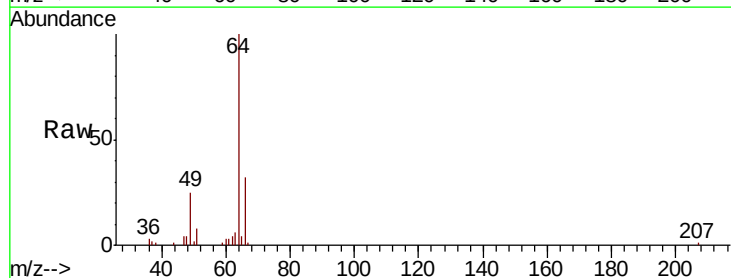
Acq: 17 Apr 2020 10:53

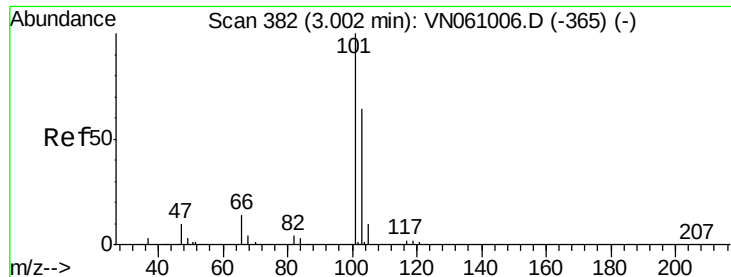
Tgt Ion: 64 Resp: 67189

Ion Ratio Lower Upper

64 100

66 31.8 25.8 38.8



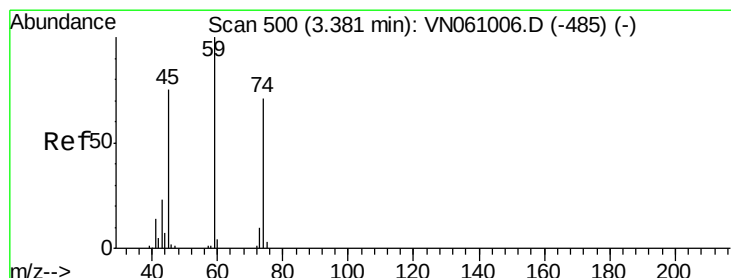
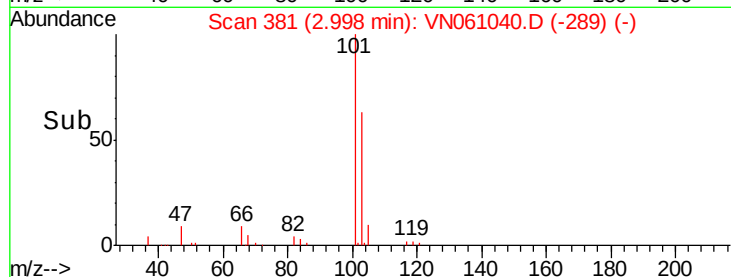
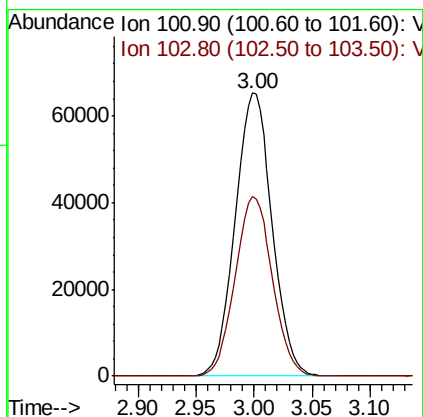
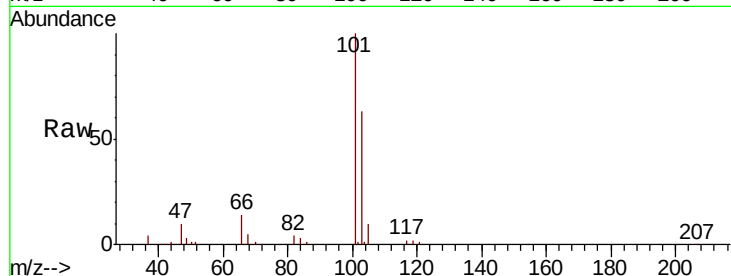


#7

Trichlorofluoromethane
 Concen: 48.089 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

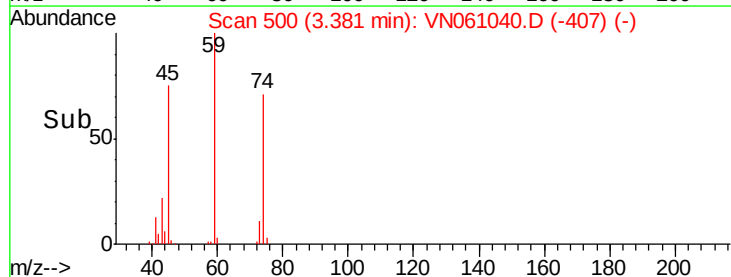
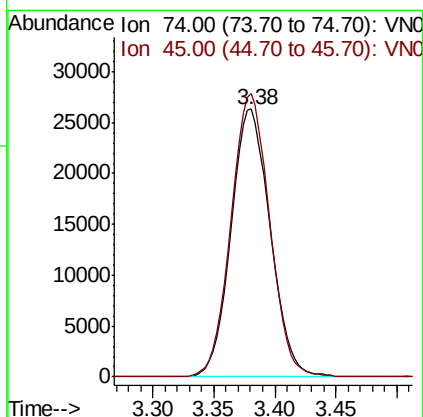
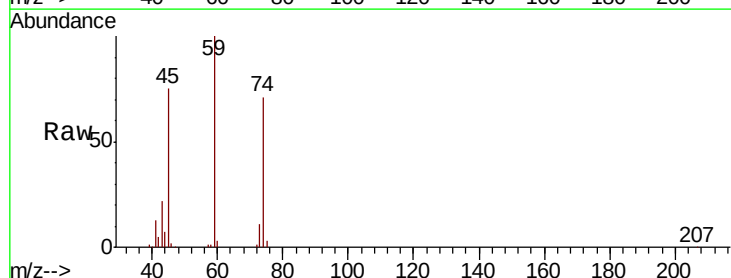
Tot Ion:101 Resp: 144189
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.2

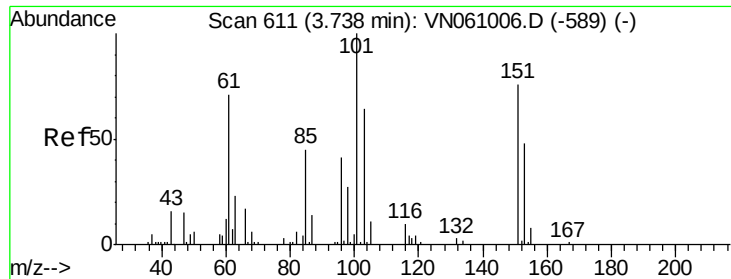


#8

Diethyl Ether
 Concen: 49.254 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 74 Resp: 58696
 Ion Ratio Lower Upper
 74 100
 45 104.2 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.756 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

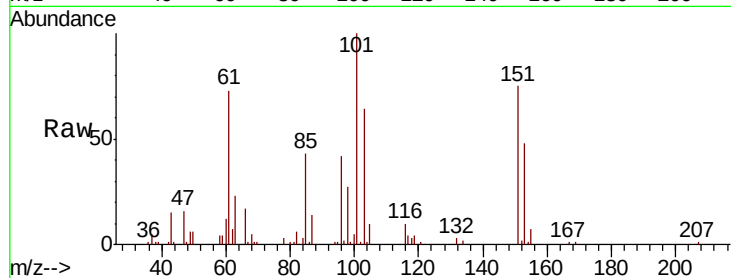
Tot Ion:101 Resp: 84010

Ion Ratio Lower Upper

101 100

85 44.3 35.9 53.9

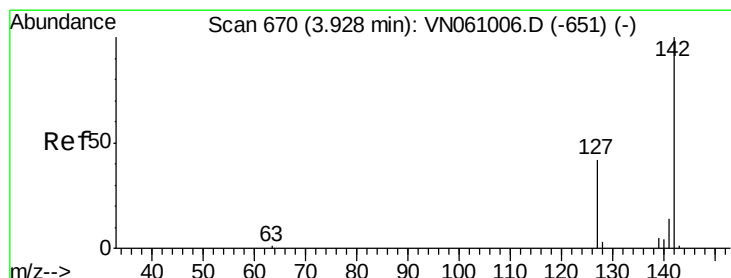
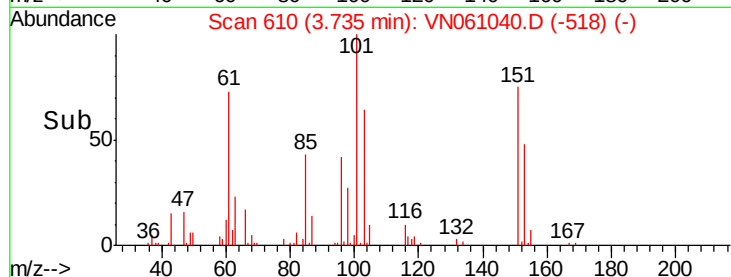
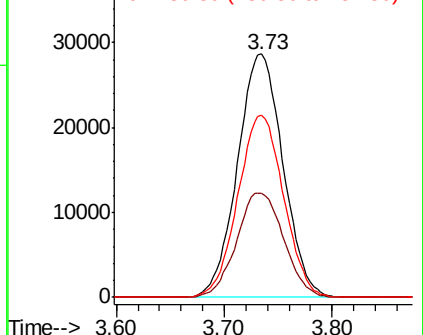
151 75.3 60.8 91.2



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: 58.232 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

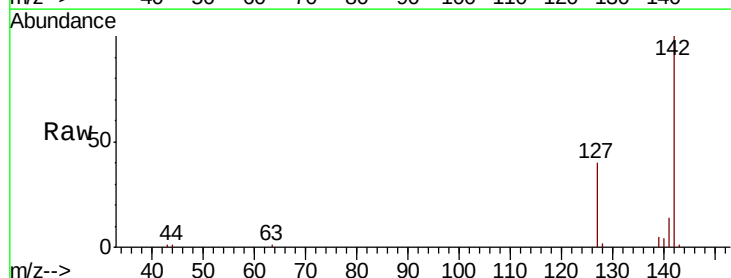
Tgt Ion:142 Resp: 90371

Ion Ratio Lower Upper

142 100

127 41.7 33.4 50.2

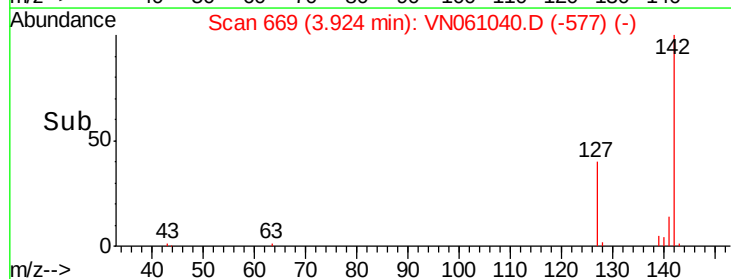
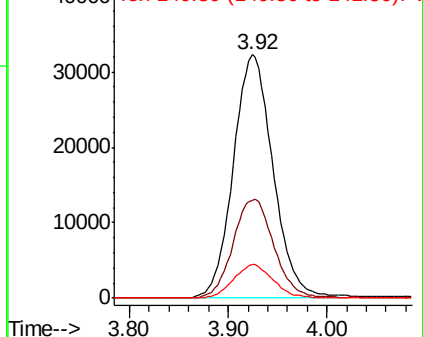
141 13.6 11.0 16.6

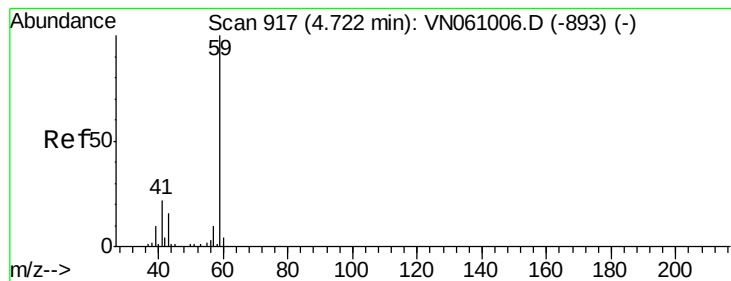


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



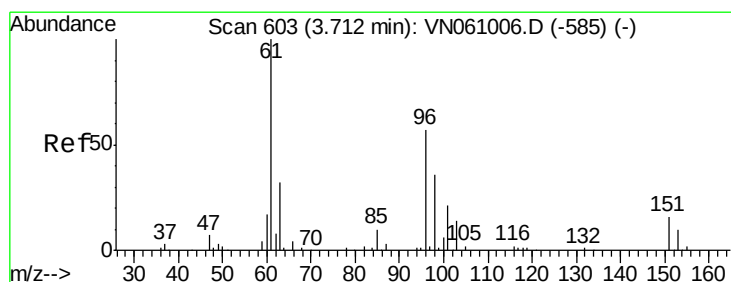
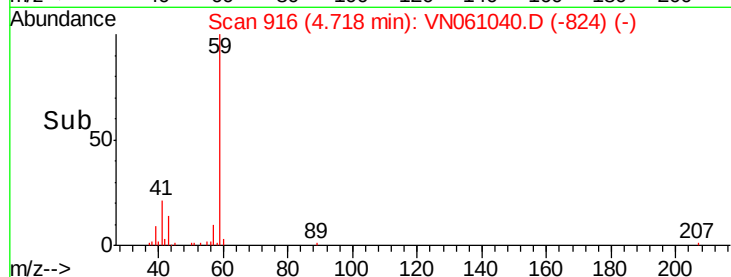
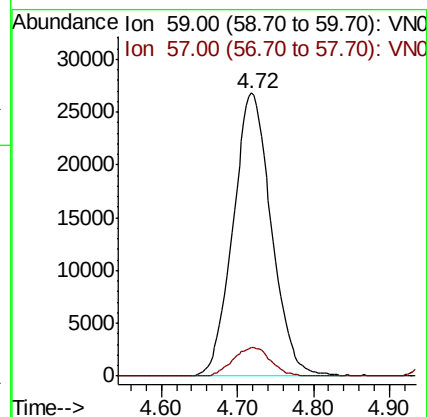
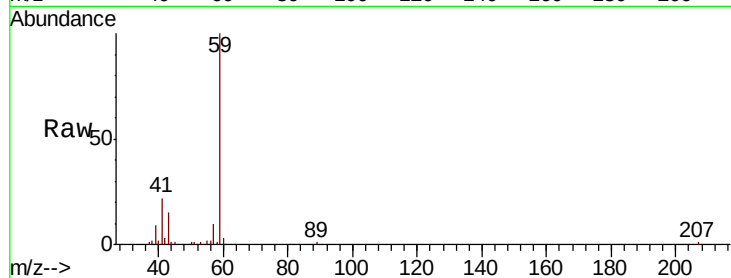


#11

Tert butyl alcohol
Concen: 252.747 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampled :

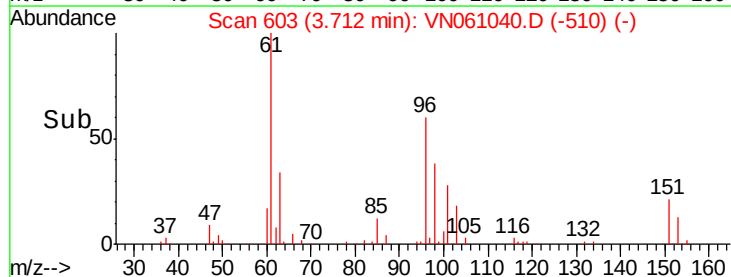
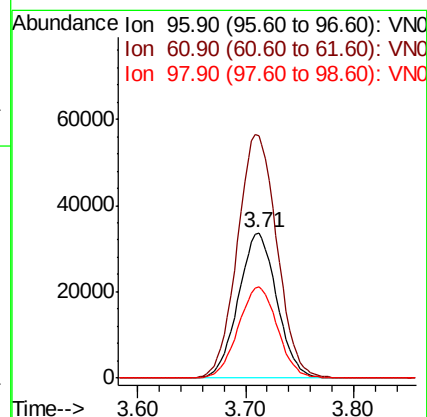
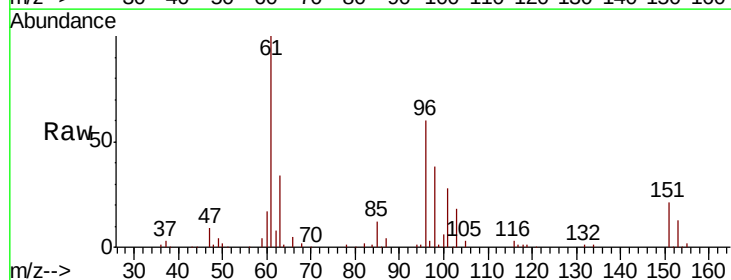
Tot Ion: 59 Resp: 93753
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

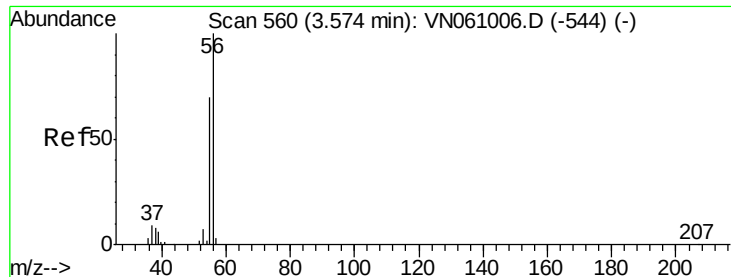


#12

1,1-Dichloroethene
Concen: 46.544 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 96 Resp: 83229
Ion Ratio Lower Upper
96 100
61 166.5 139.2 208.8
98 62.8 50.0 75.0





#13

Acrolein

Concen: 248.520 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

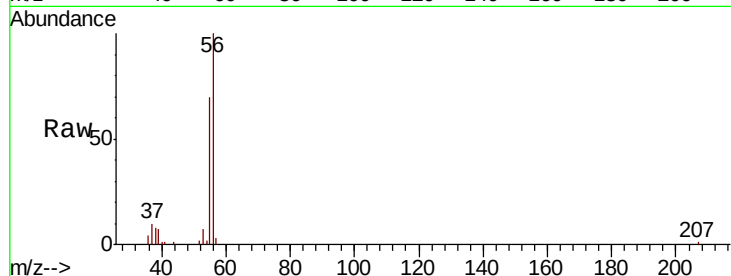
ClientSampleId :

Tot Ion: 56 Resp: 77836

Ion Ratio Lower Upper

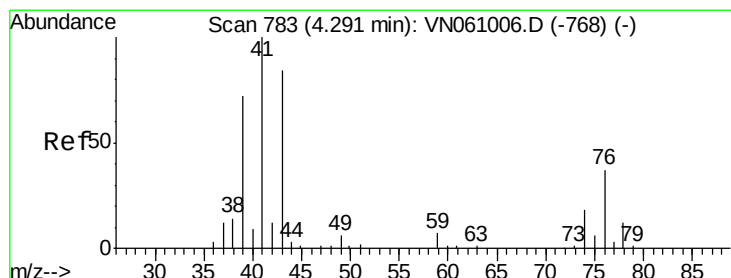
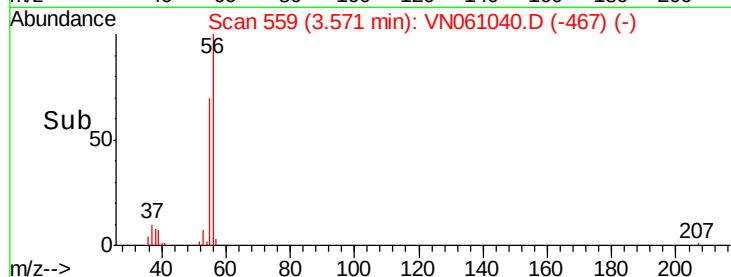
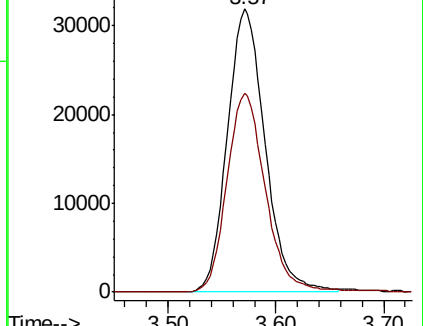
56 100

55 71.4 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-544) (-)

Ion 55.00 (54.70 to 55.70): VN061006.D (-544) (-)



#14

Allyl chloride

Concen: 44.904 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

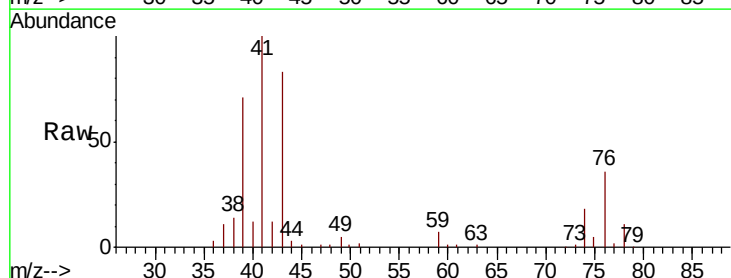
Tgt Ion: 41 Resp: 151927

Ion Ratio Lower Upper

41 100

39 72.4 56.3 84.5

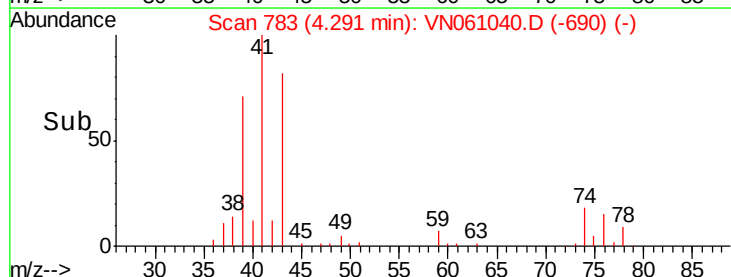
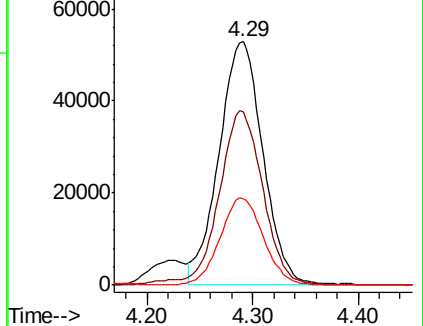
76 35.4 27.7 41.5

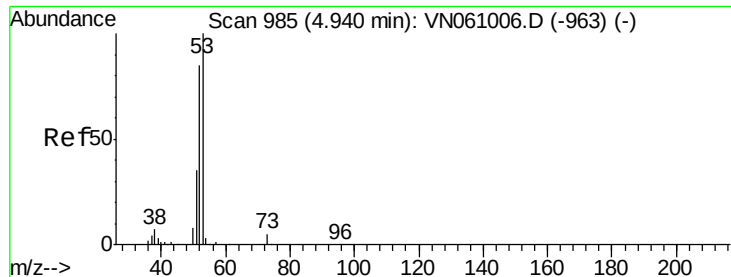


Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-768) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-768) (-)

Ion 75.90 (75.60 to 76.60): VN061006.D (-768) (-)





#15

Acrylonitrile

Concen: 258.389 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

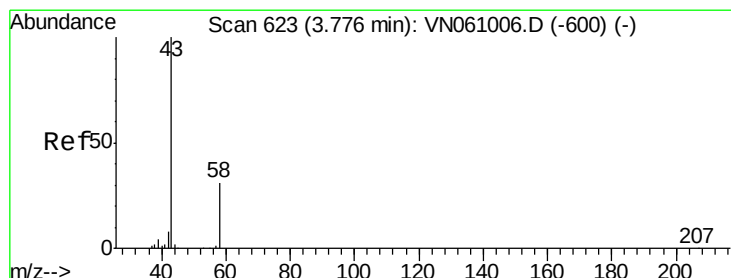
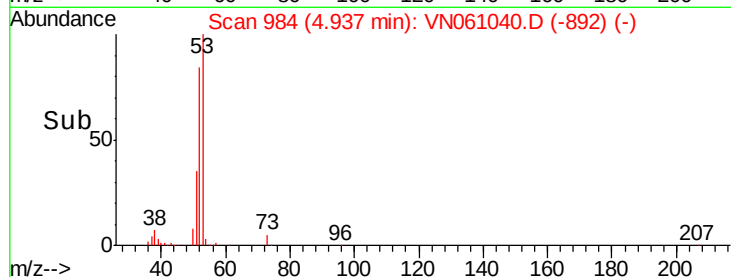
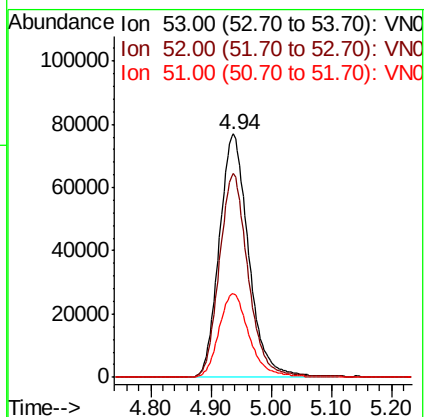
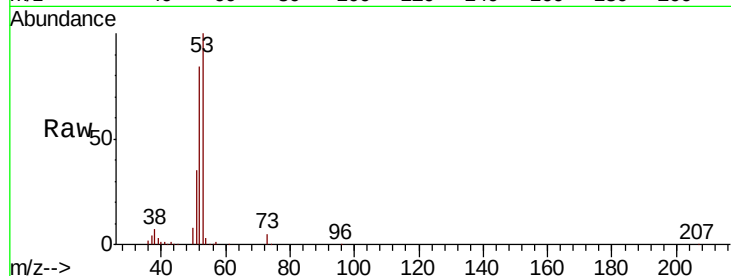
Tot Ion: 53 Resp: 259874

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

51 35.6 28.9 43.3



#16

Acetone

Concen: 265.165 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061040.D

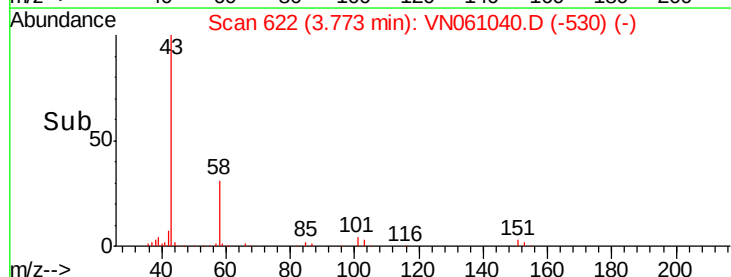
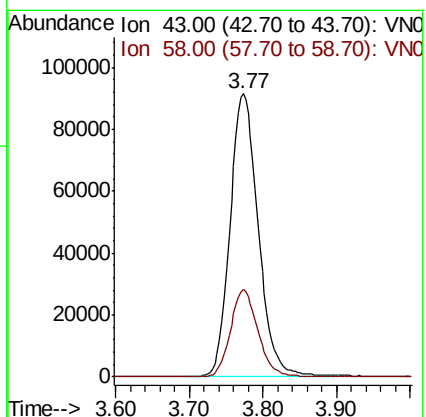
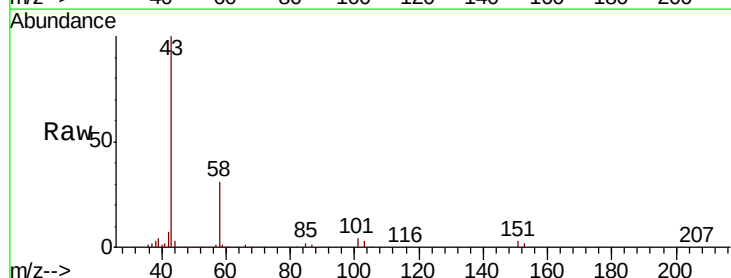
Acq: 17 Apr 2020 10:53

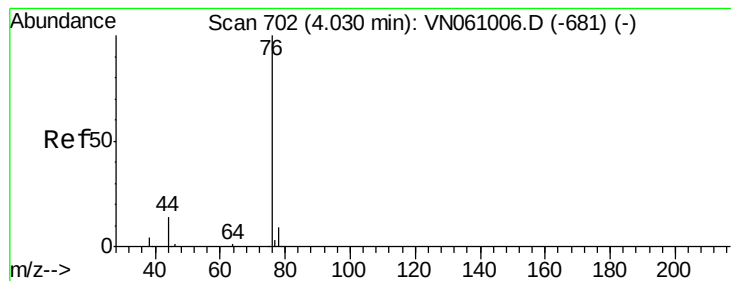
Tgt Ion: 43 Resp: 244005

Ion Ratio Lower Upper

43 100

58 30.8 24.6 37.0





#17

Carbon Disulfide

Concen: 45.133 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

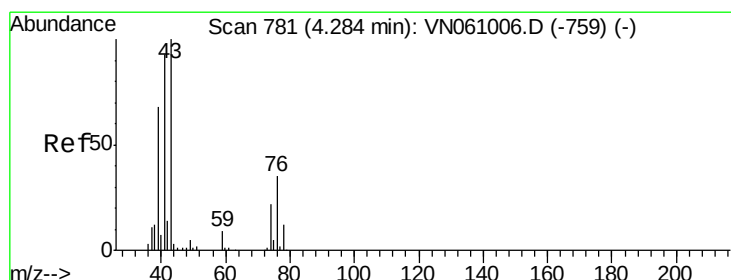
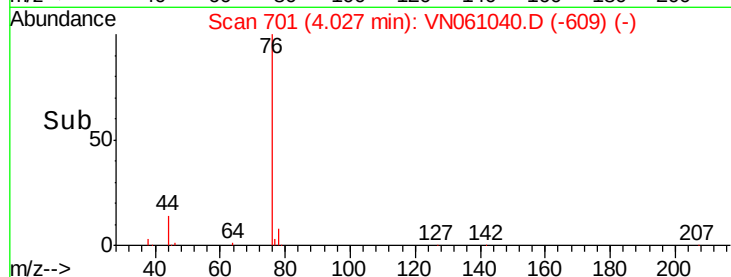
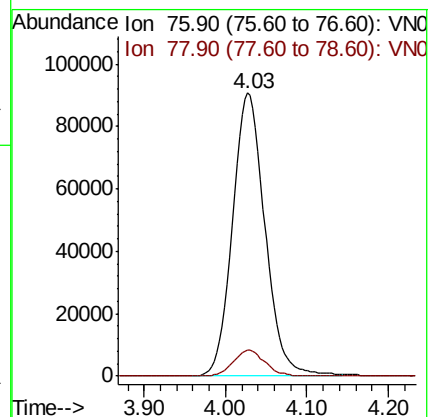
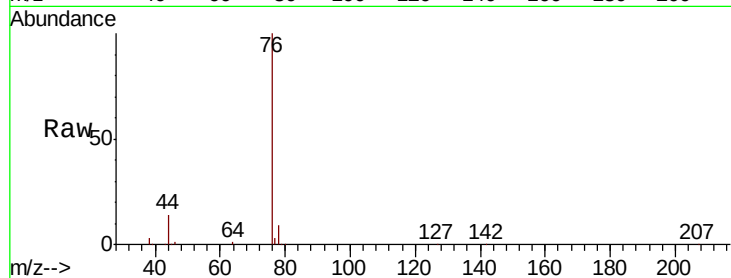
ClientSampleId :

Tot Ion: 76 Resp: 252540

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4



#18

Methyl Acetate

Concen: 51.503 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN061040.D

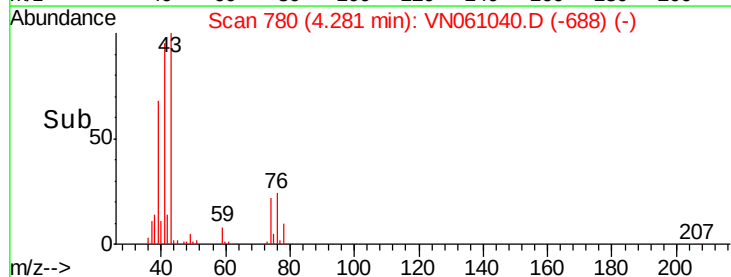
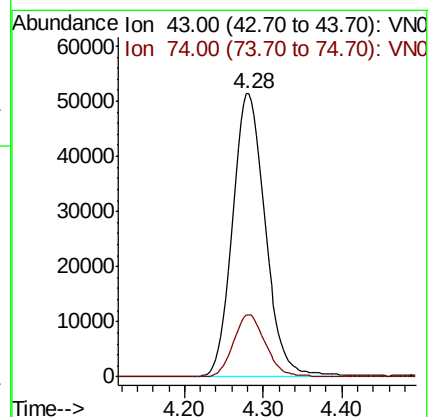
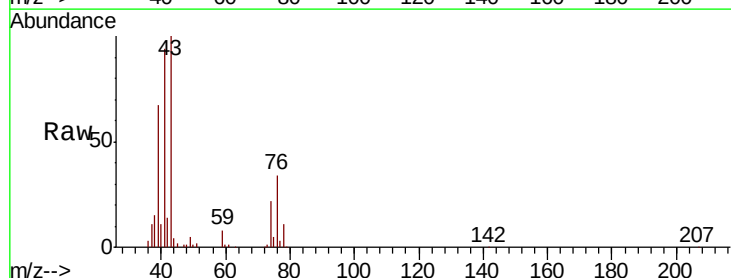
Acq: 17 Apr 2020 10:53

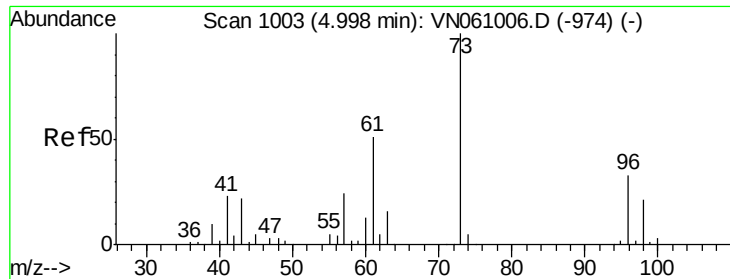
Tgt Ion: 43 Resp: 148613

Ion Ratio Lower Upper

43 100

74 21.5 17.4 26.0

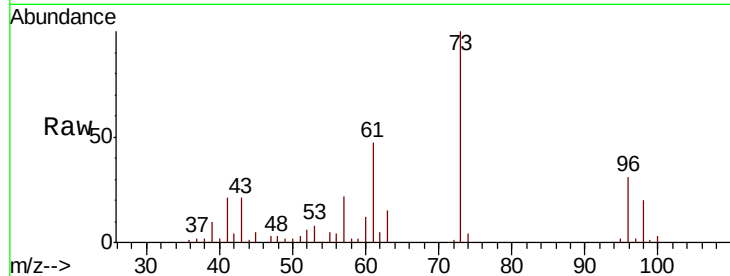




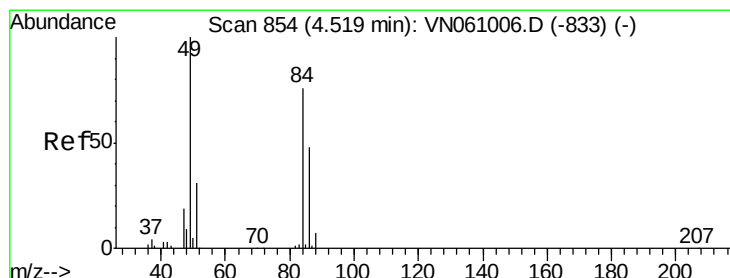
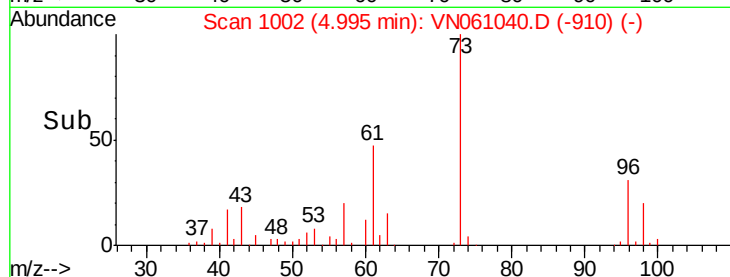
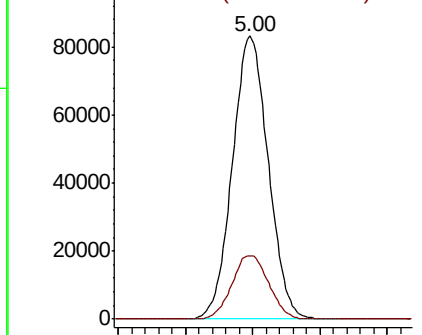
#19
Methyl tert-butyl Ether
Concen: 49.359 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 307755
Ion Ratio Lower Upper
73 100
57 22.3 19.0 28.4

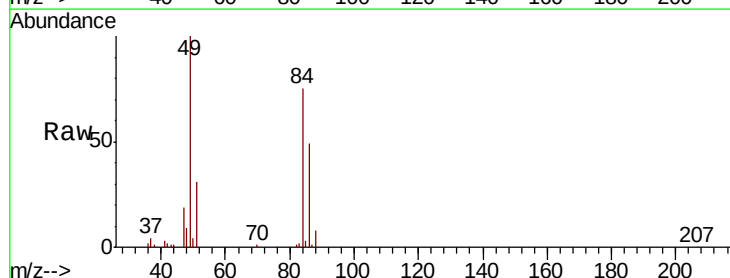


Abundance Ion 73.00 (72.70 to 73.70): VN061006.D
Ion 57.00 (56.70 to 57.70): VN061006.D

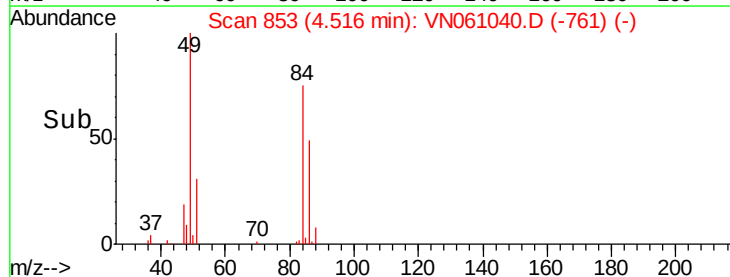
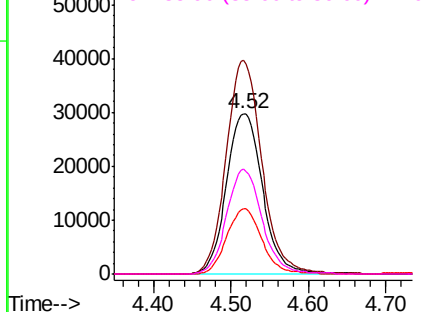


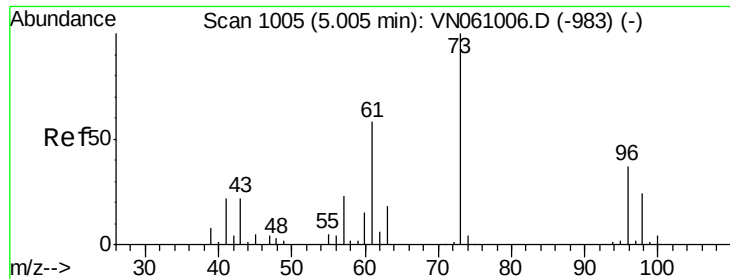
#20
Methylene Chloride
Concen: 48.102 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 84 Resp: 96642
Ion Ratio Lower Upper
84 100
49 133.0 105.8 158.6
51 40.9 32.4 48.6
86 65.0 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN061006.D
Ion 48.90 (48.60 to 49.60): VN061006.D
Ion 50.90 (50.60 to 51.60): VN061006.D
Ion 85.90 (85.60 to 86.60): VN061006.D

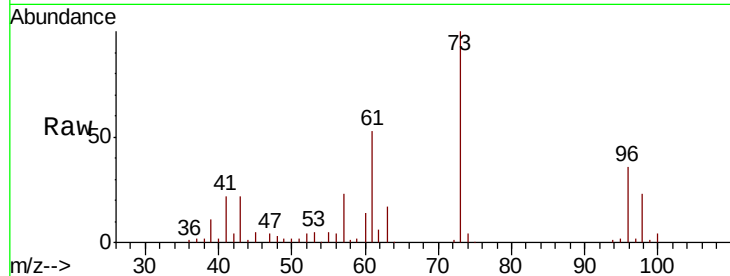




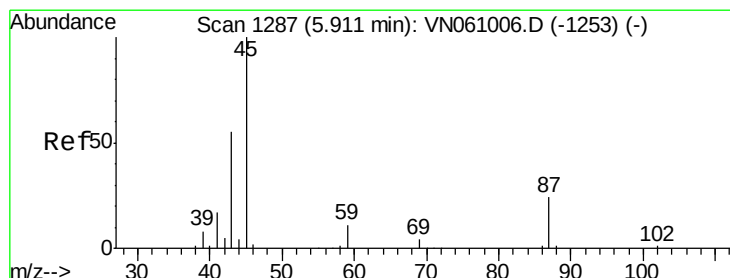
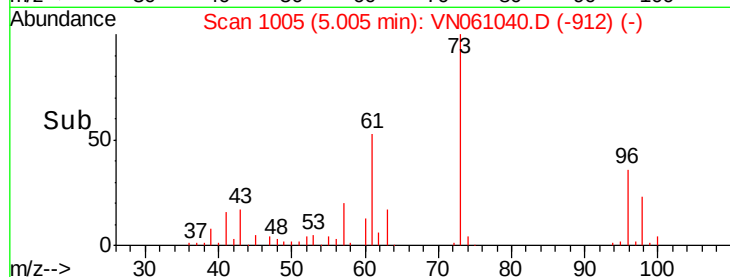
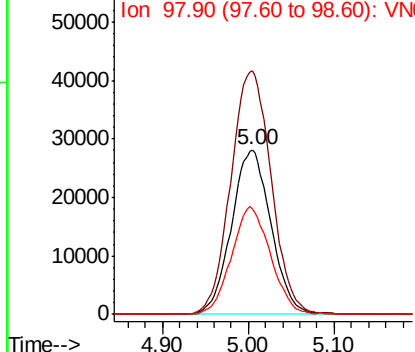
#21
trans-1,2-Dichloroethene
Concen: 46.921 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 89738
Ion Ratio Lower Upper
96 100
61 148.1 124.8 187.2
98 64.0 51.3 76.9

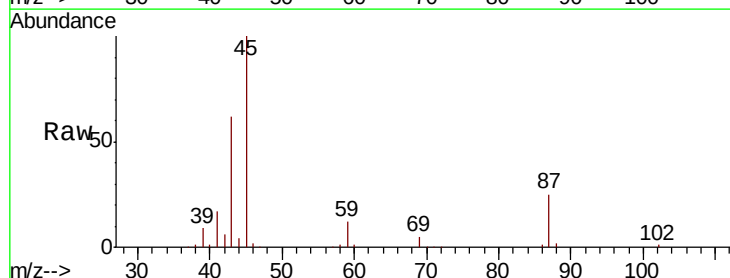


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

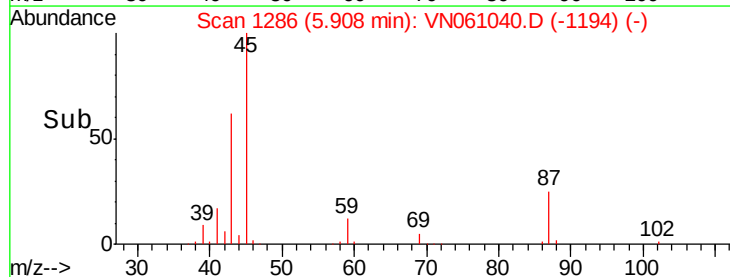
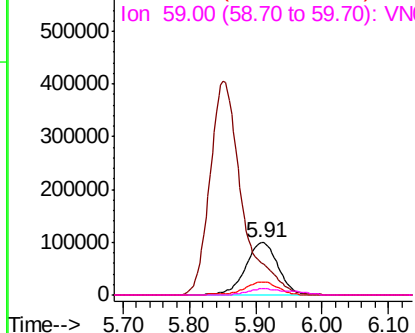


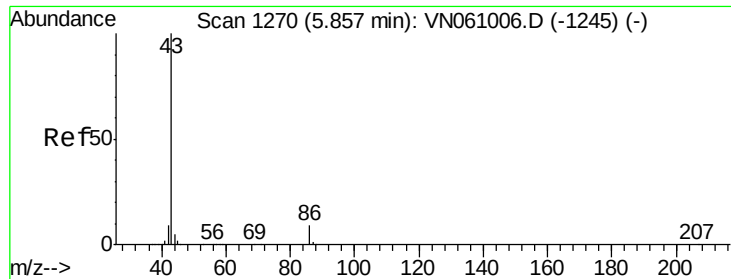
#22
Diisopropyl ether
Concen: 48.284 ug/l
RT: 5.91 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 45 Resp: 339284
Ion Ratio Lower Upper
45 100
43 61.4 48.6 72.8
87 25.2 19.4 29.2
59 11.6 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: 247.962 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

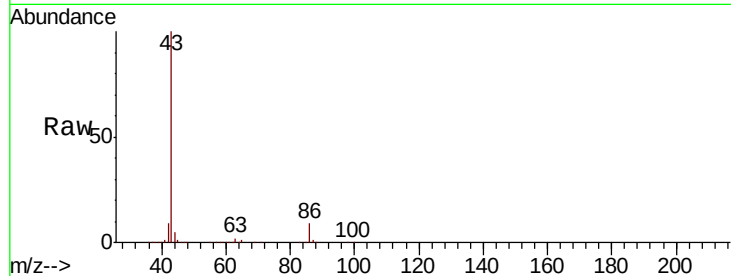
ClientSampled :

Tot Ion: 43 Resp: 1366330

Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)

Ion 86.00 (85.70 to 86.70): VN061006.D (-1245) (-)

5.85

400000

300000

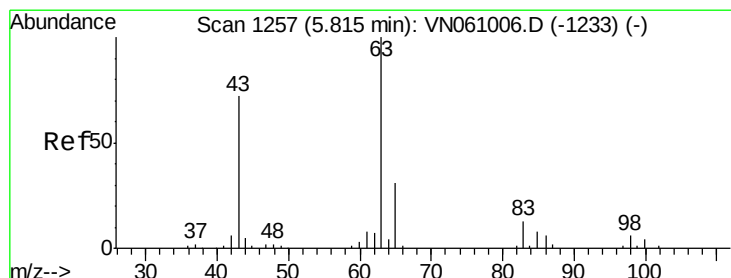
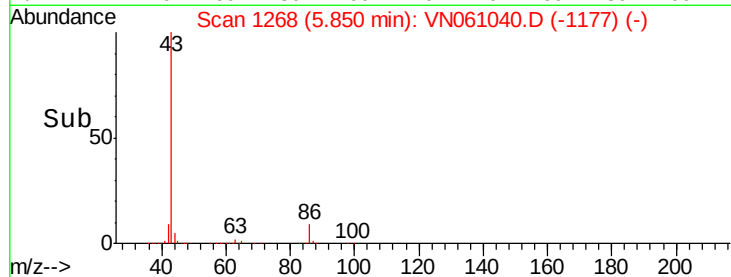
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.902 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

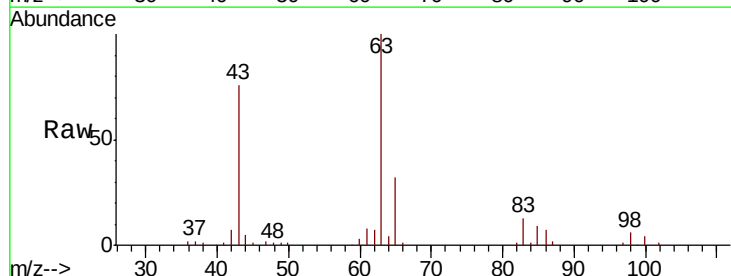
Tgt Ion: 63 Resp: 177999

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN061006.D (-1233) (-)

5.81

60000

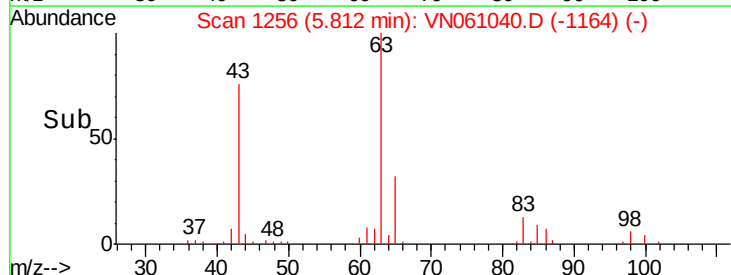
40000

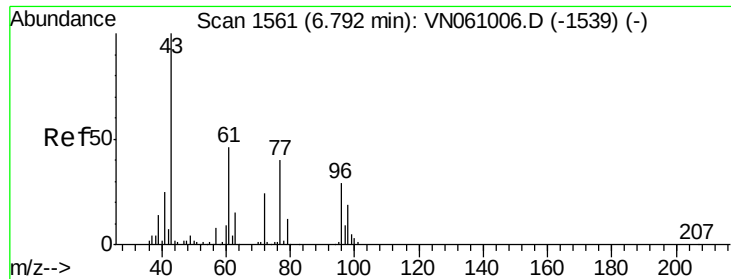
20000

0

5.70 5.90

Time-->

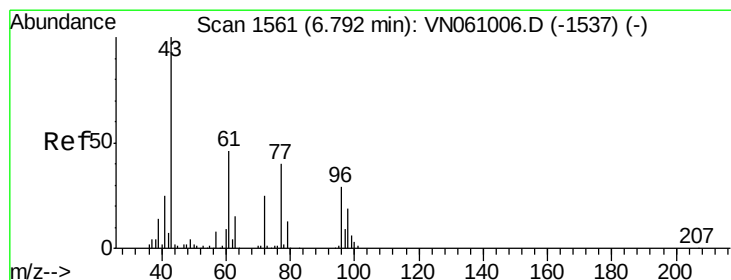
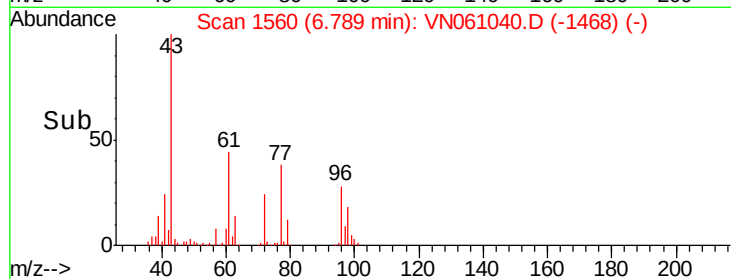
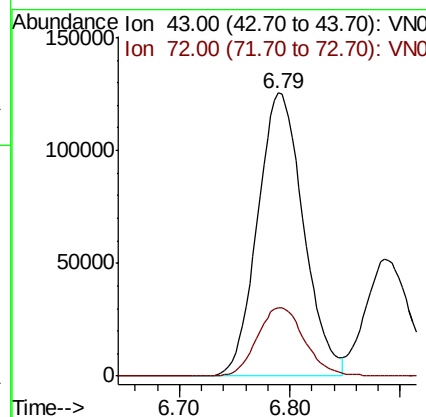
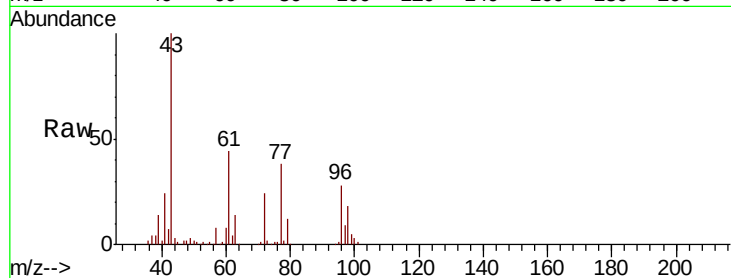




#25
 2-Butanone
 Concen: 257.378 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

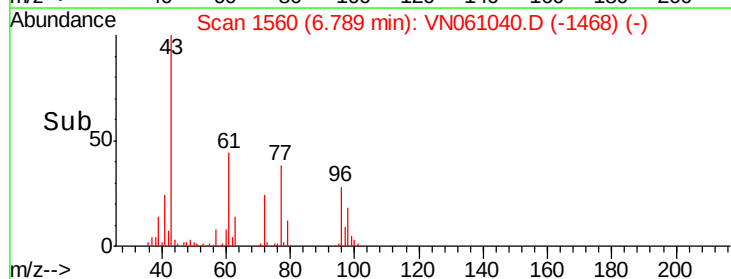
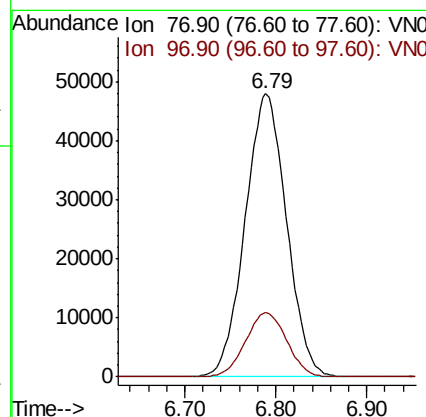
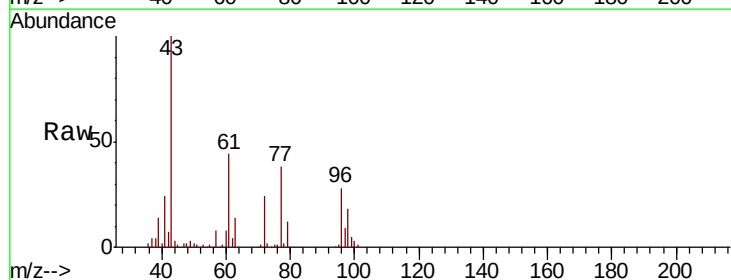
Instrument :
 MSVOA_N
 ClientSampleId :

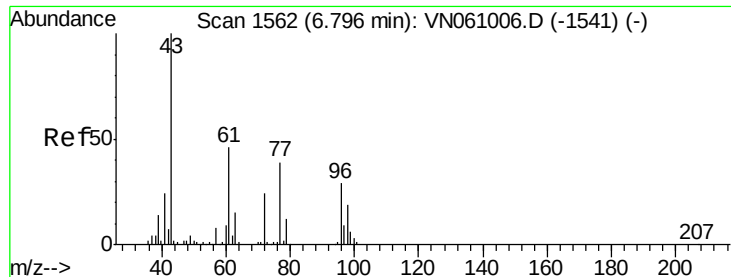
Tot Ion: 43 Resp: 362925
 Ion Ratio Lower Upper
 43 100
 72 24.3 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 47.874 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 77 Resp: 151279
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.855 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

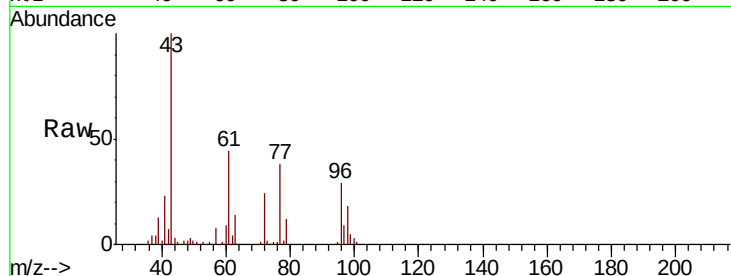
Tot Ion: 96 Resp: 105078

Ion Ratio Lower Upper

96 100

61 156.5 0.0 317.4

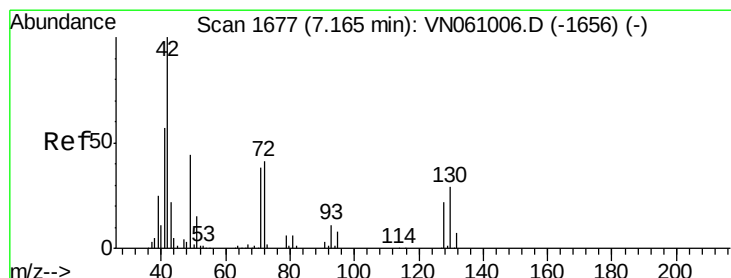
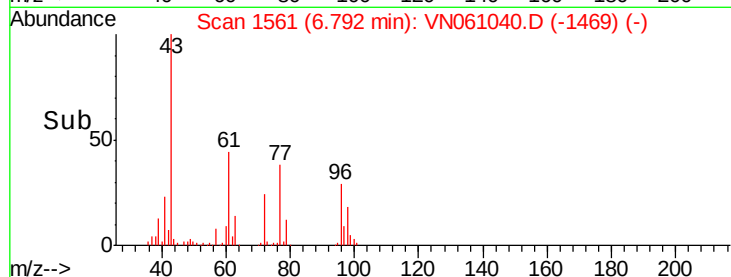
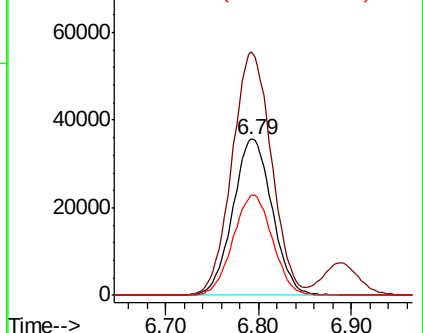
98 64.3 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN061006.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1541) (-)



#28

Bromochloromethane

Concen: 46.396 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

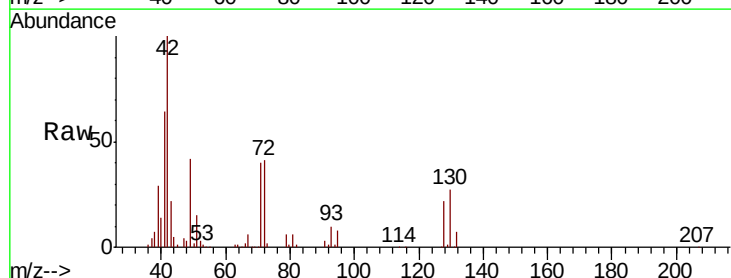
Tgt Ion: 49 Resp: 80825

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.0

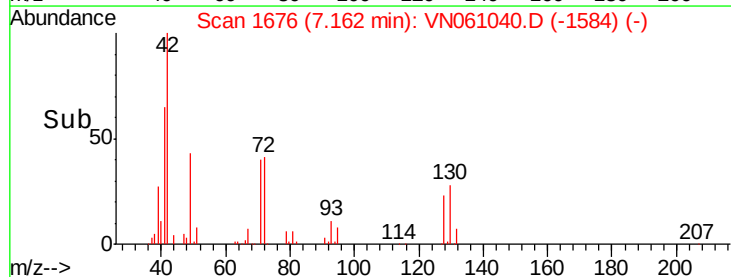
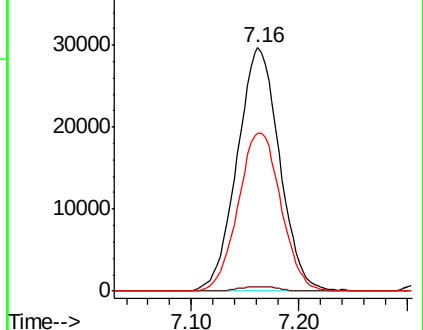
130 65.7 52.9 79.3

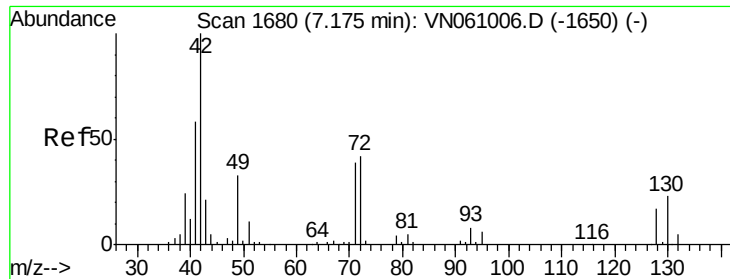


Abundance Ion 48.90 (48.60 to 49.60): VN061006.D (-1656) (-)

Ion 128.80 (128.50 to 129.50): VN061006.D (-1656) (-)

Ion 129.80 (129.50 to 130.50): VN061006.D (-1656) (-)





#29

Tetrahydrofuran

Concen: 248.078 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

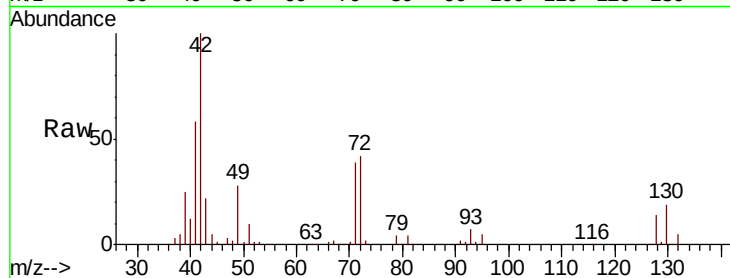
Tot Ion: 42 Resp: 237483

Ion Ratio Lower Upper

42 100

72 41.4 32.1 48.1

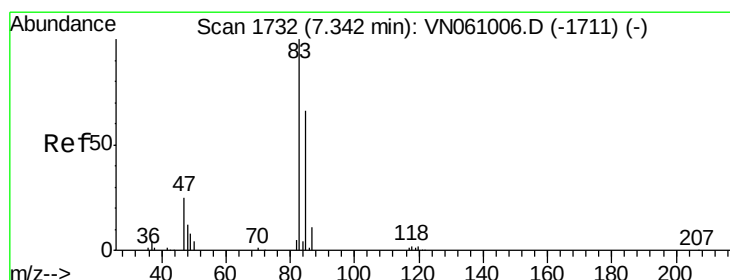
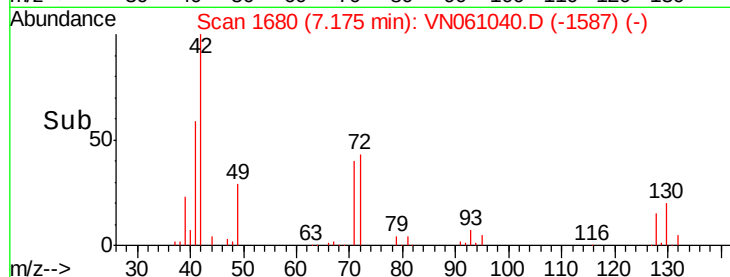
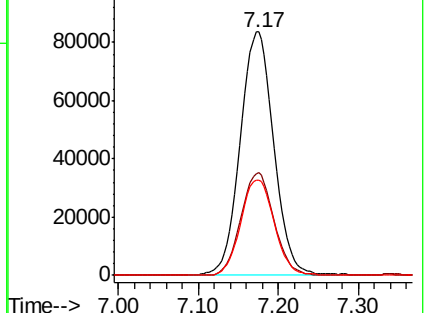
71 39.1 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN061006.D (-1650) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1650) (-)

Ion 71.00 (70.70 to 71.70): VN061006.D (-1650) (-)



#30

Chloroform

Concen: 48.326 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VN061040.D

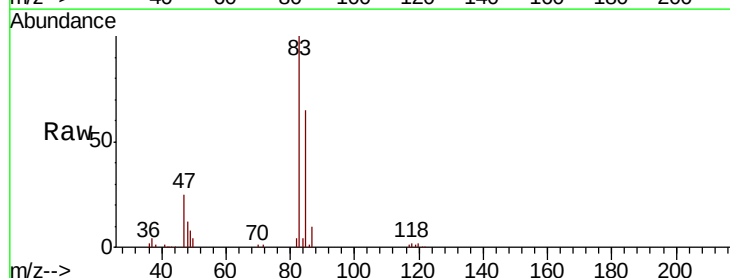
Acq: 17 Apr 2020 10:53

Tgt Ion: 83 Resp: 171066

Ion Ratio Lower Upper

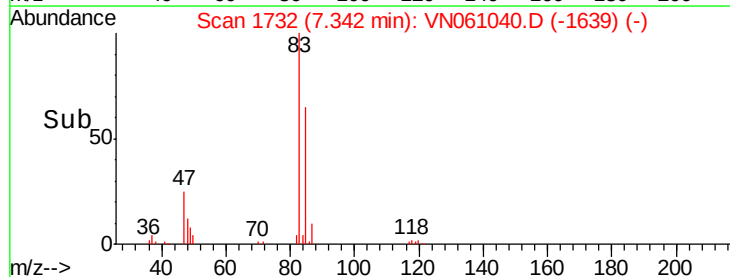
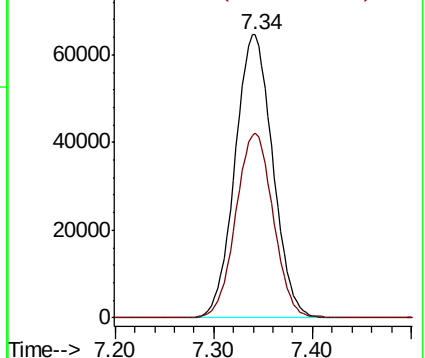
83 100

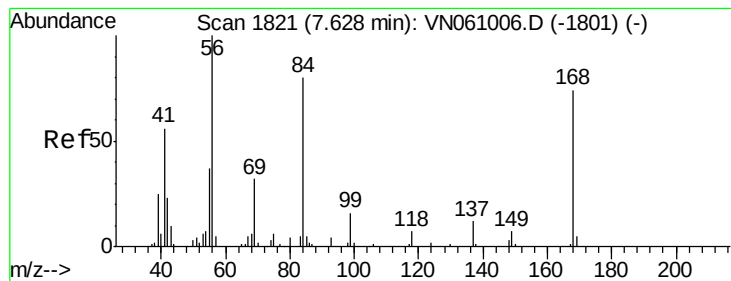
85 65.2 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-1711) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-1711) (-)





#31

Cyclohexane

Concen: 43.971 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

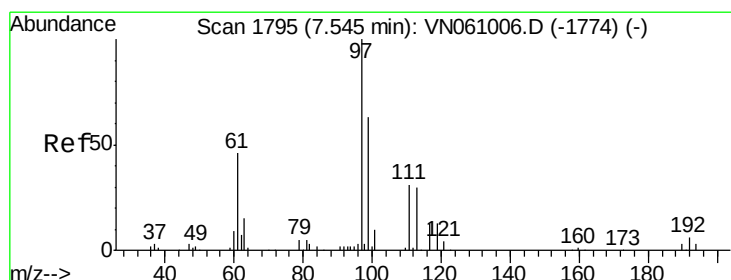
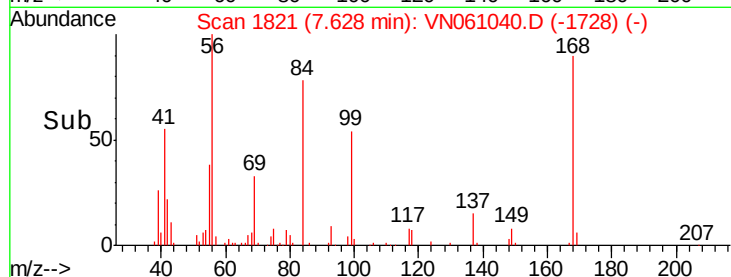
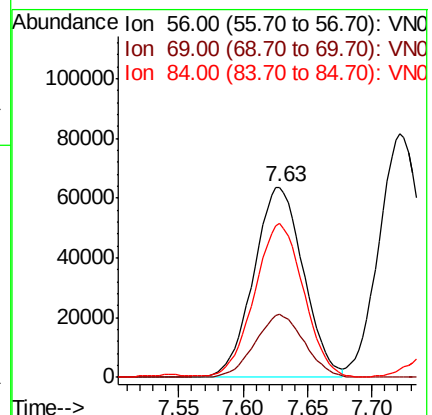
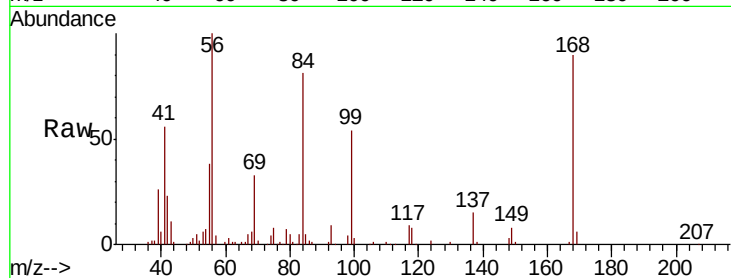
Tot Ion: 56 Resp: 171242

Ion Ratio Lower Upper

56 100

69 32.9 25.6 38.4

84 80.0 63.4 95.2



#32

1,1,1-Trichloroethane

Concen: 47.374 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

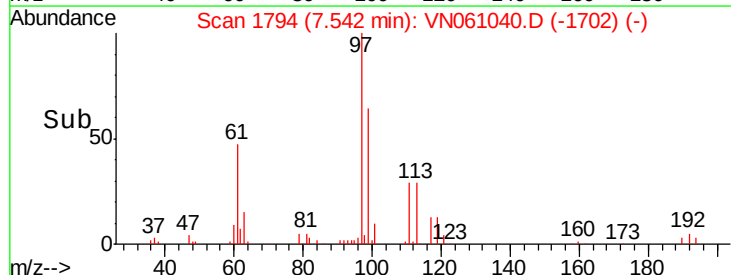
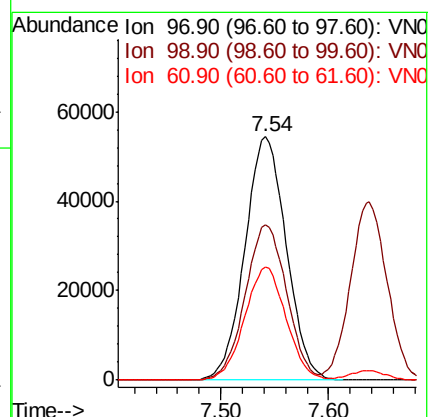
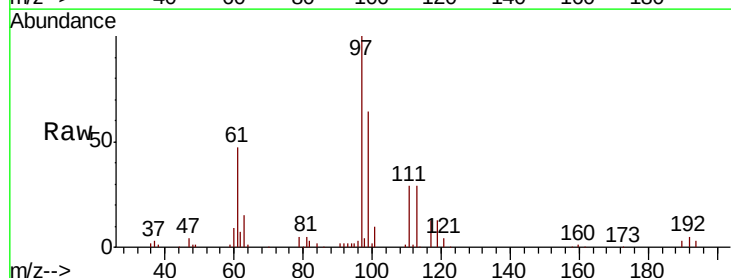
Tgt Ion: 97 Resp: 145053

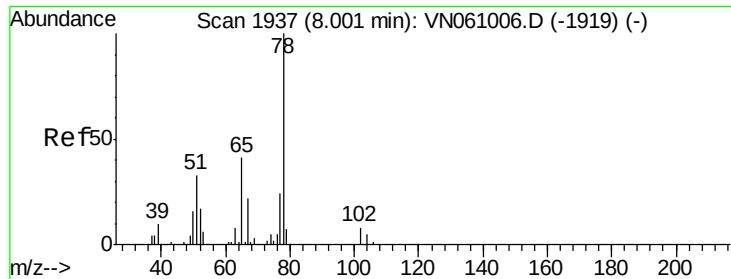
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 46.5 37.0 55.6

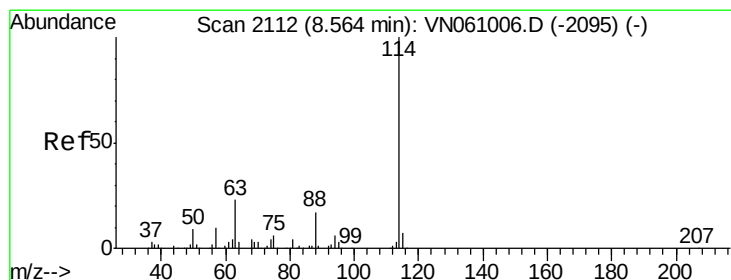
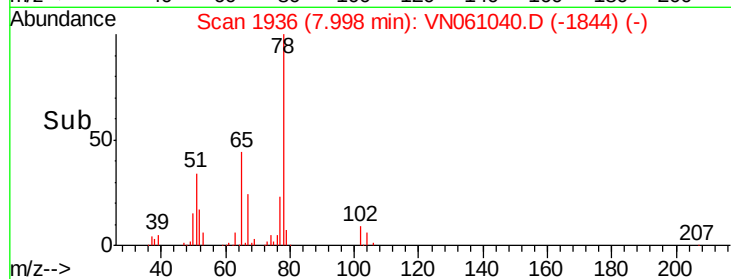
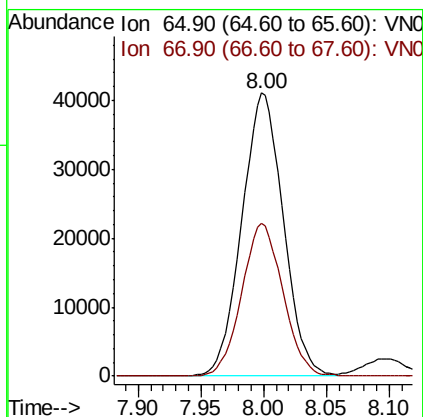
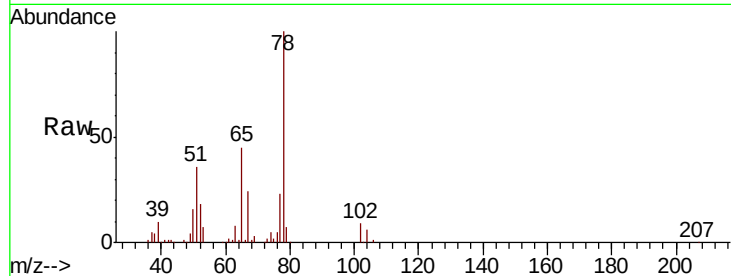




#33
 1,2-Dichloroethane-d4
 Concen: 45.287 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

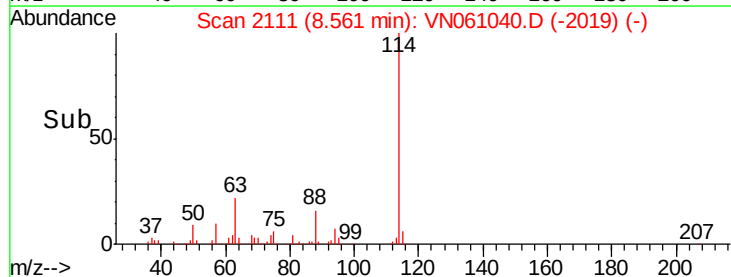
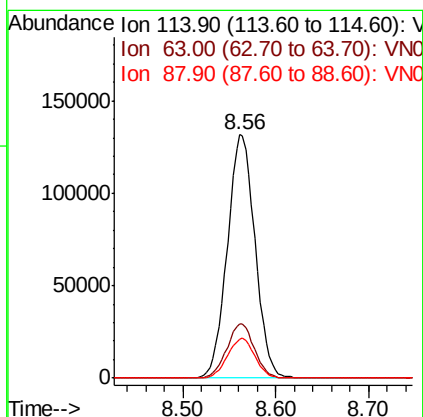
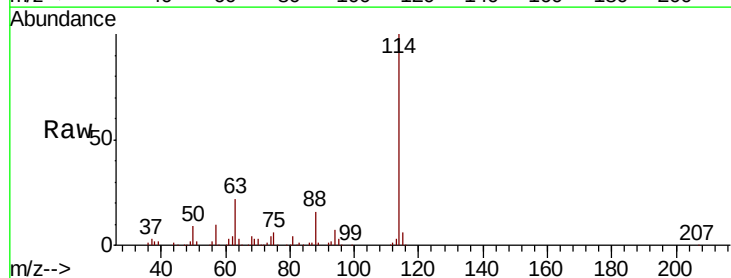
Instrument :
 MSVOA_N
 ClientSampleId :

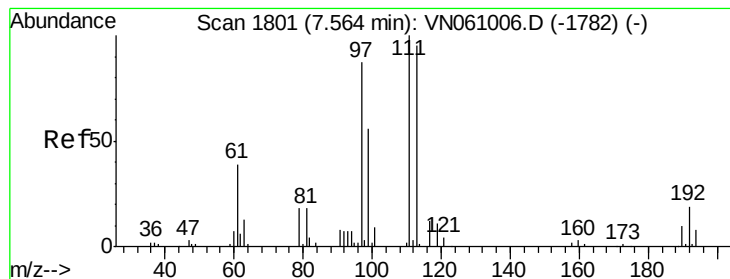
Tot Ion: 65 Resp: 94680
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 114 Resp: 272321
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.2
 88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.737 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

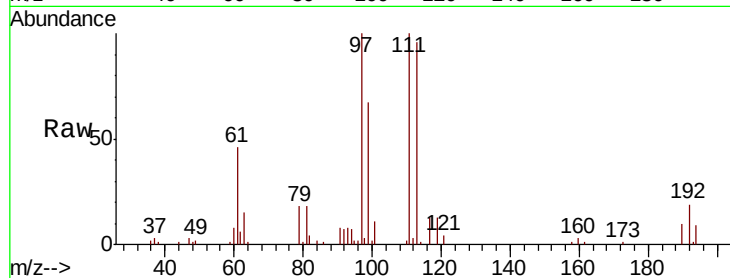
Tot Ion:113 Resp: 74327

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

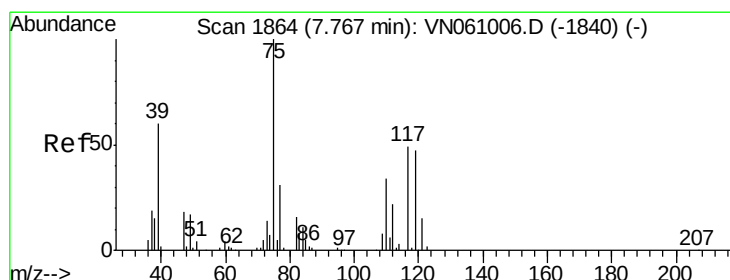
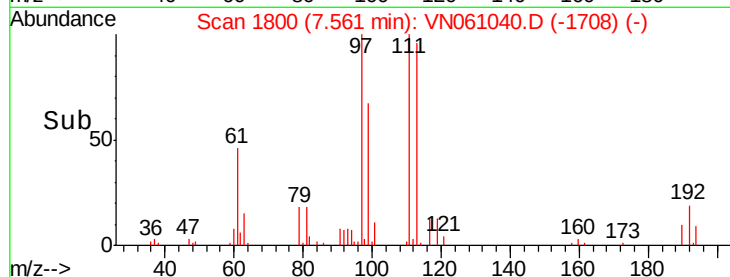
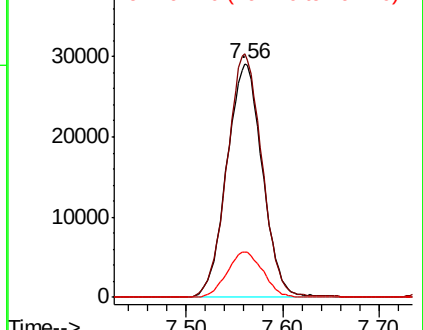
192 19.5 15.5 23.3



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: 46.972 ug/l

RT: 7.76 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

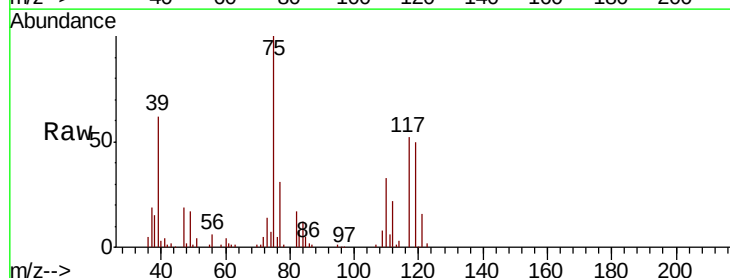
Tgt Ion: 75 Resp: 131996

Ion Ratio Lower Upper

75 100

110 33.7 16.8 50.3

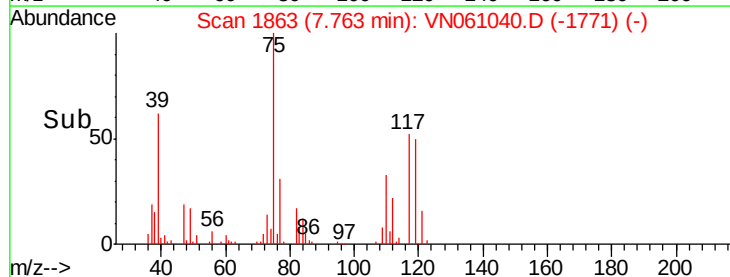
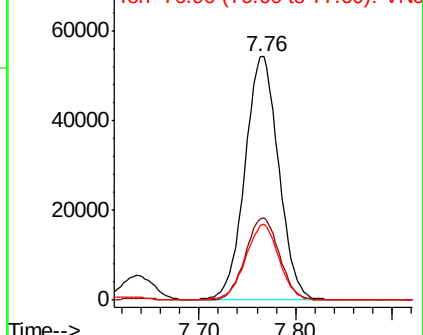
77 30.9 24.7 37.1

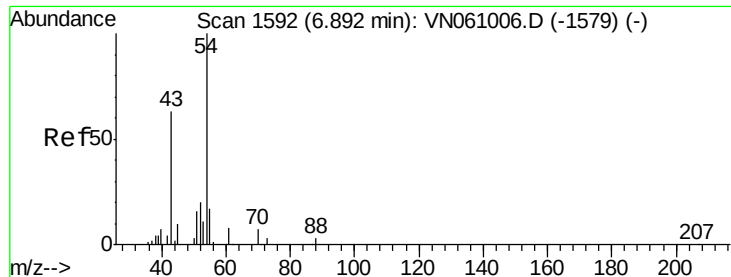


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

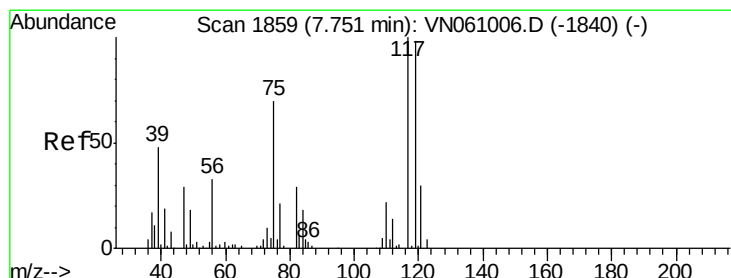
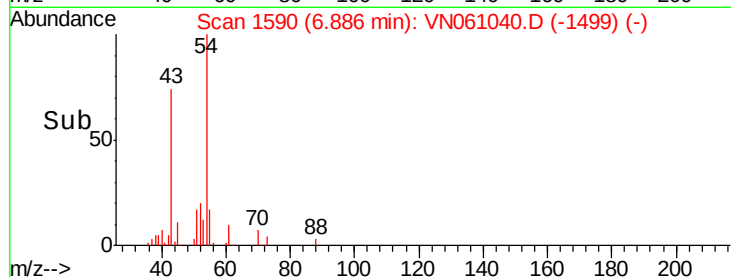
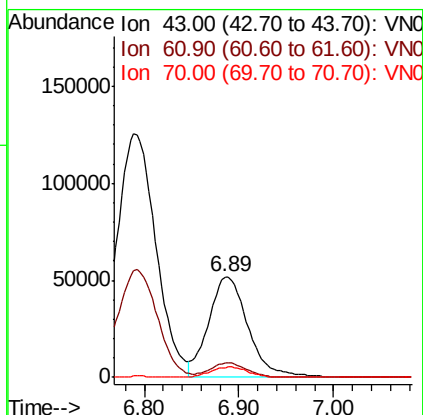
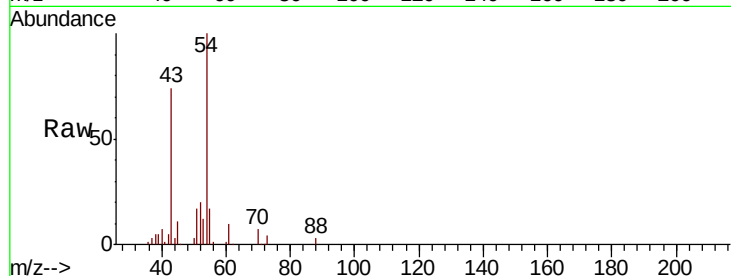




#37
Ethyl Acetate
Concen: 48.582 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

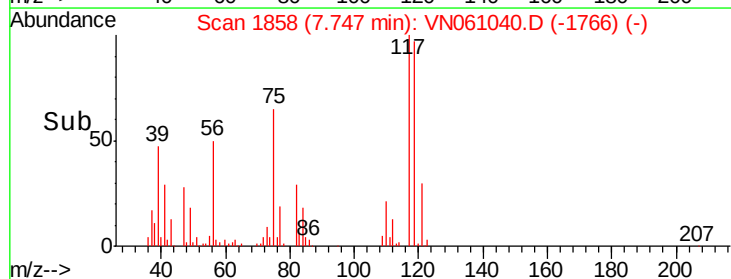
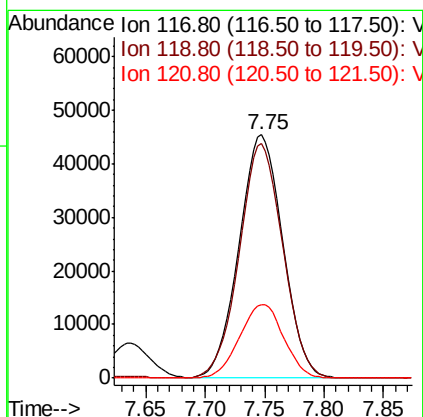
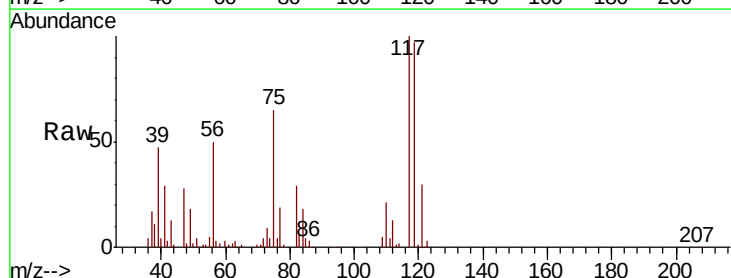
Instrument :
MSVOA_N
ClientSampleId :

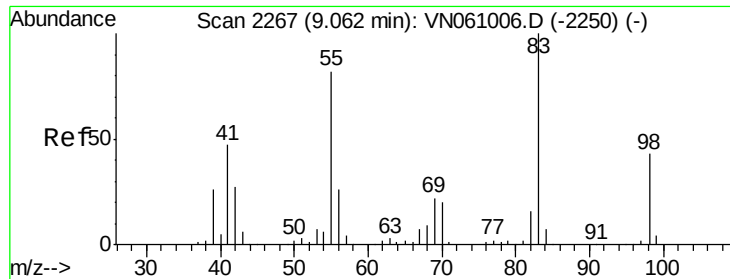
Tot Ion: 43 Resp: 148240
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.441 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 117 Resp: 115645
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1
121 30.2 24.0 36.0

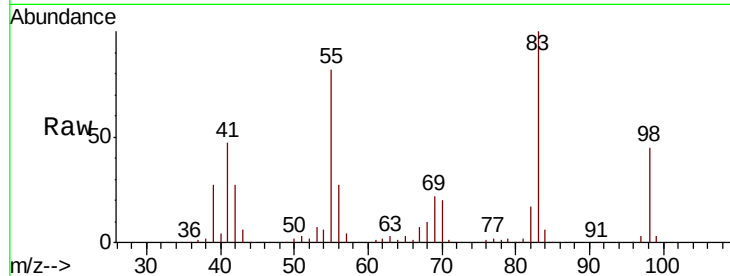




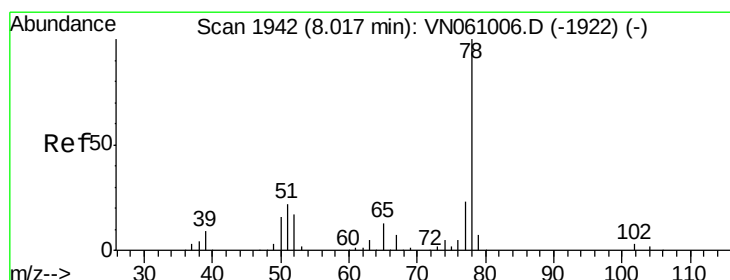
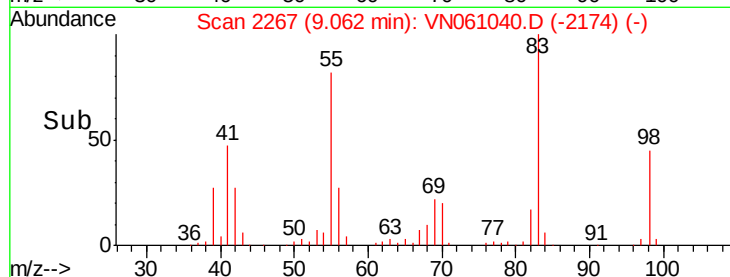
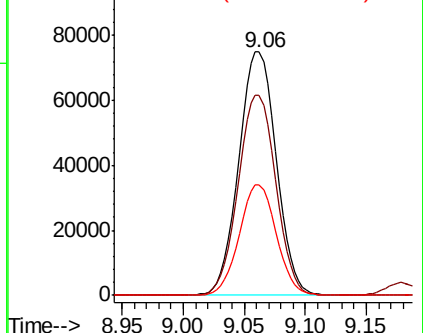
#39
Methylvlcyclohexane
Concen: 47.493 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 159559
Ion Ratio Lower Upper
83 100
55 81.9 65.4 98.0
98 45.2 34.6 51.8

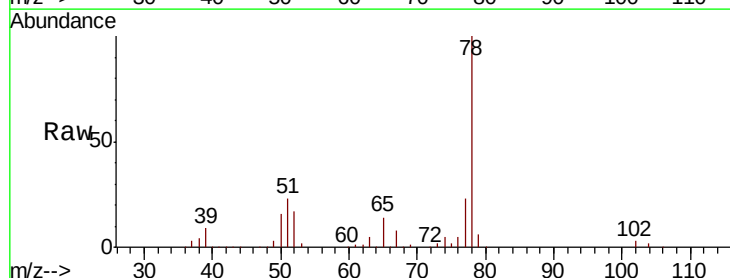


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

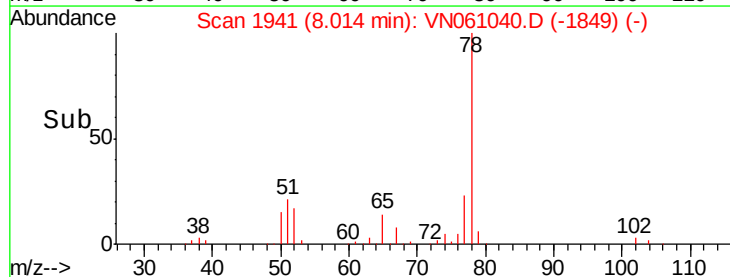
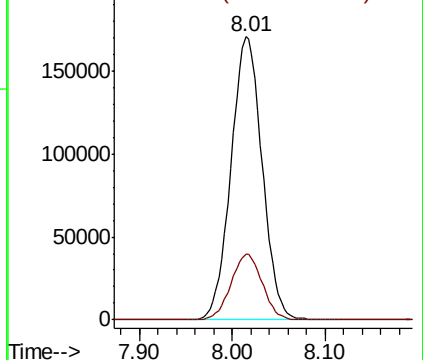


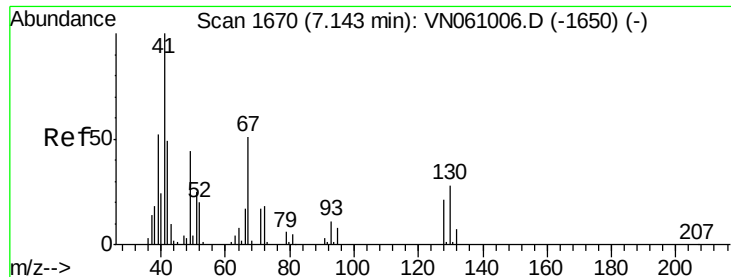
#40
Benzene
Concen: 47.642 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 78 Resp: 397174
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



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

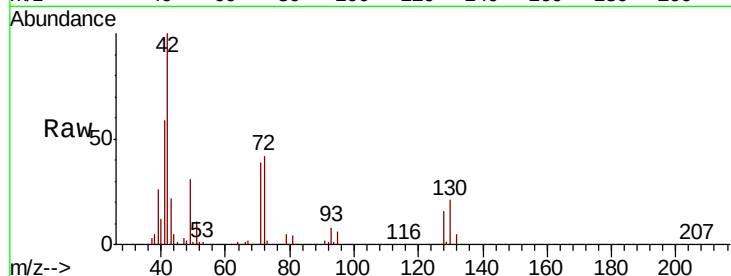




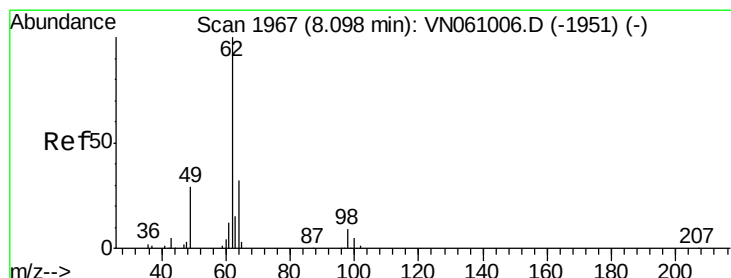
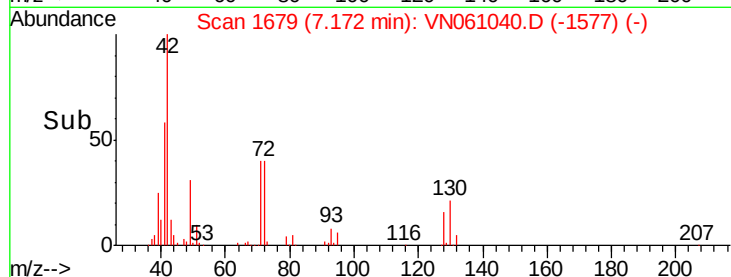
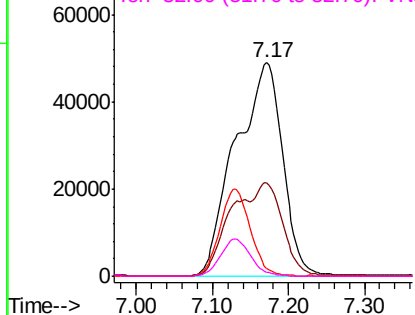
#41
Methacrylonitrile
Concen: 166.088 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	211381
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

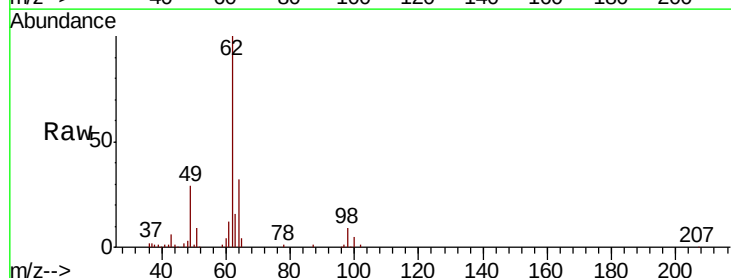


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

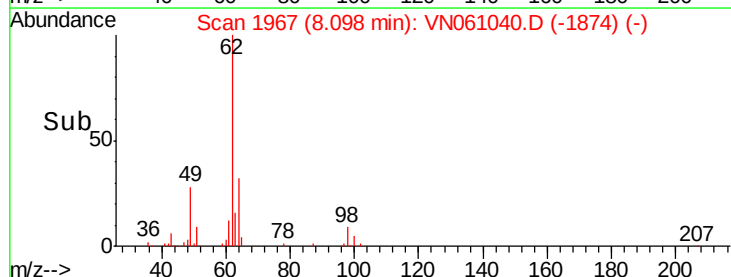
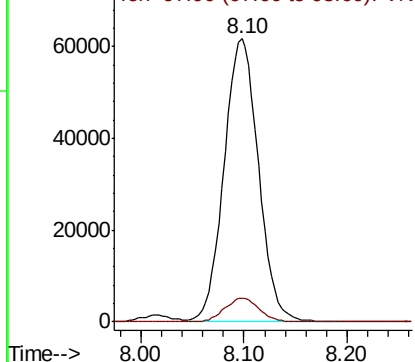


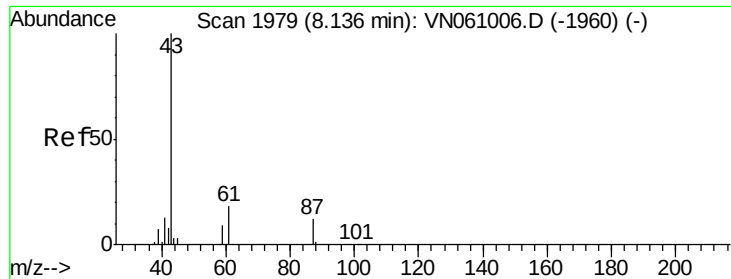
#42
1,2-Dichloroethane
Concen: 50.425 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion:	62	Resp:	143203
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.276 ug/l

RT: 8.13 min Scan# 1978

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

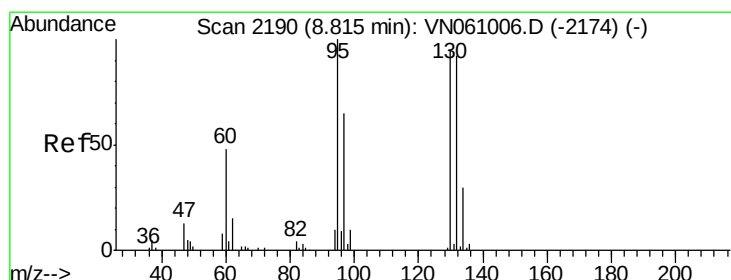
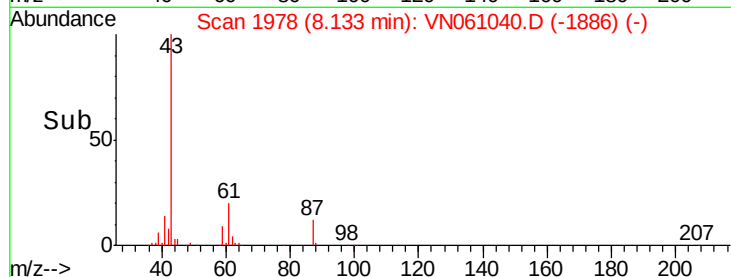
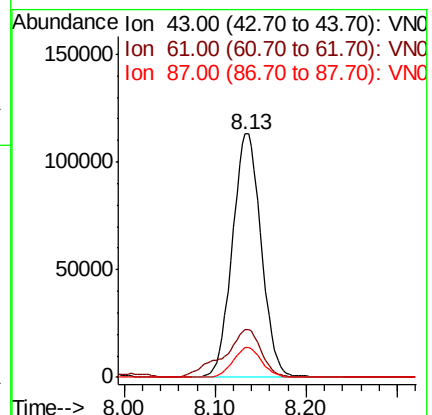
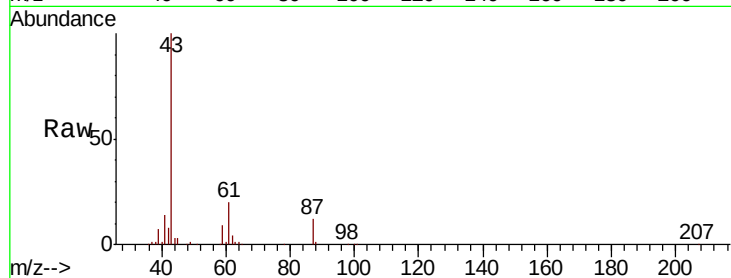
Tot Ion: 43 Resp: 249500

Ion Ratio Lower Upper

43 100

61 25.4 20.3 30.5

87 12.0 9.4 14.2



#44

Trichloroethene

Concen: 47.477 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061040.D

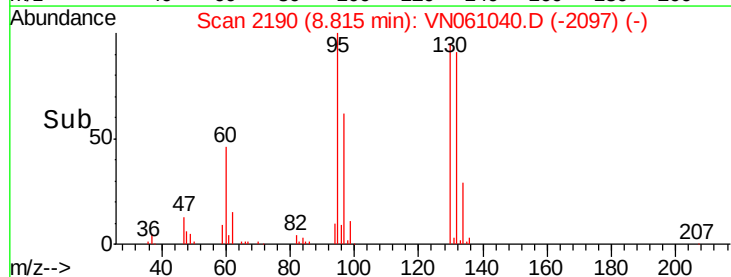
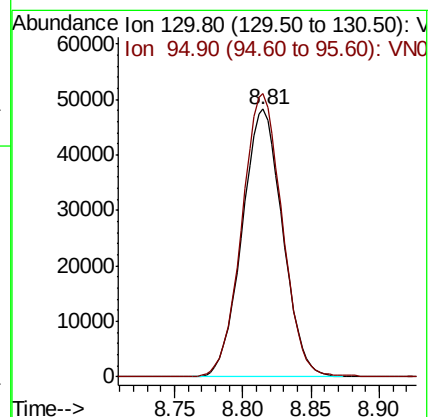
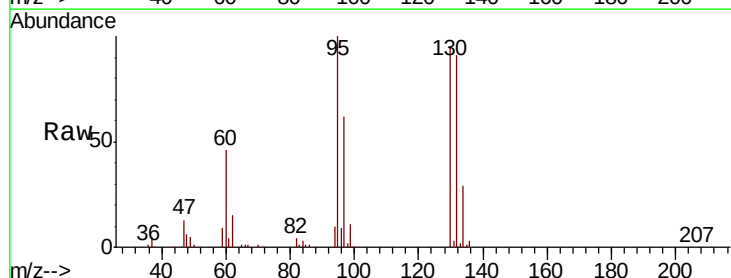
Acq: 17 Apr 2020 10:53

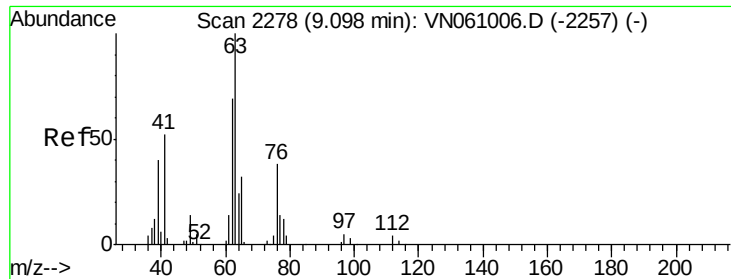
Tgt Ion: 130 Resp: 99452

Ion Ratio Lower Upper

130 100

95 105.7 0.0 210.0

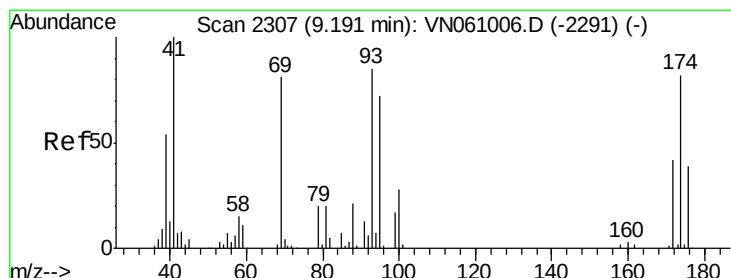
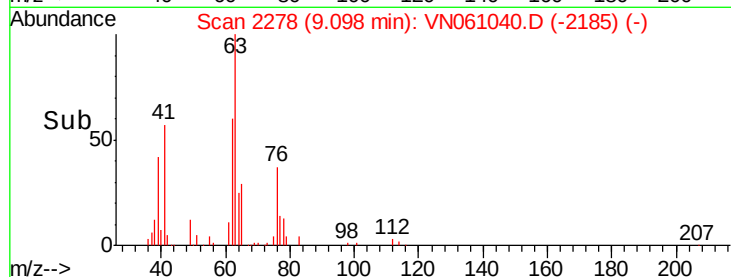
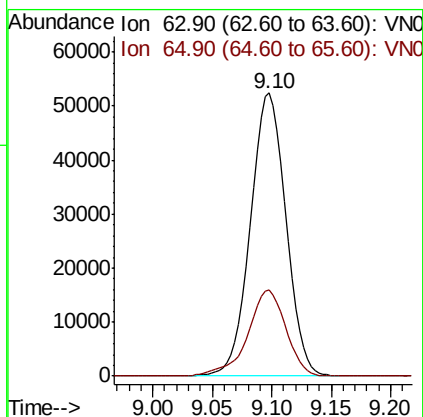
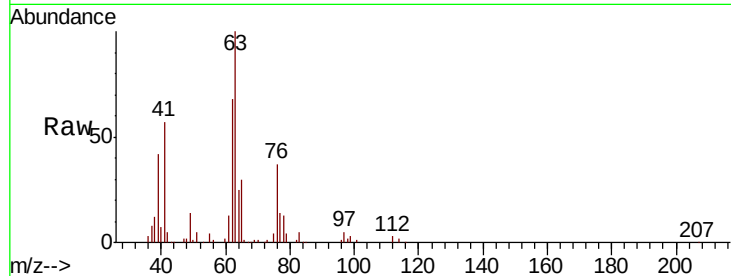




#45
 1,2-Dichloropropane
 Concen: 48.185 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

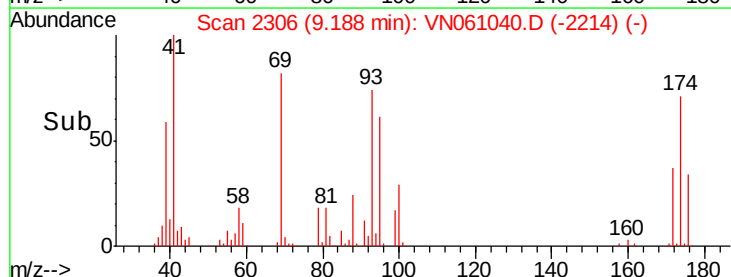
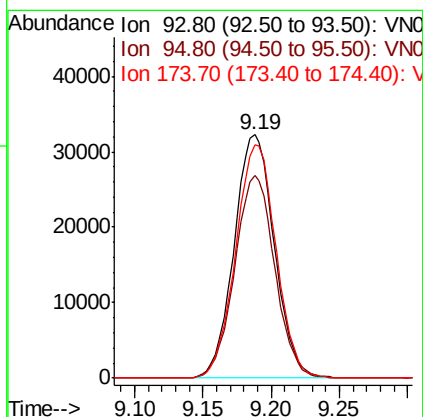
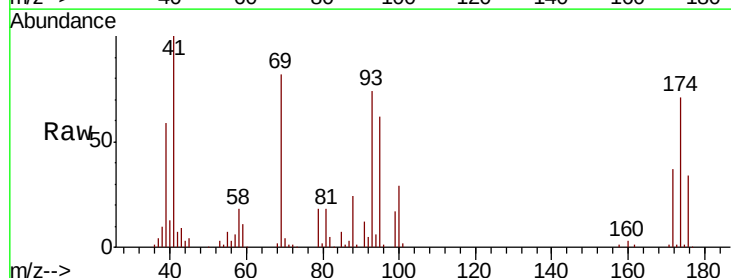
Instrument :
 MSVOA_N
 ClientSampled :

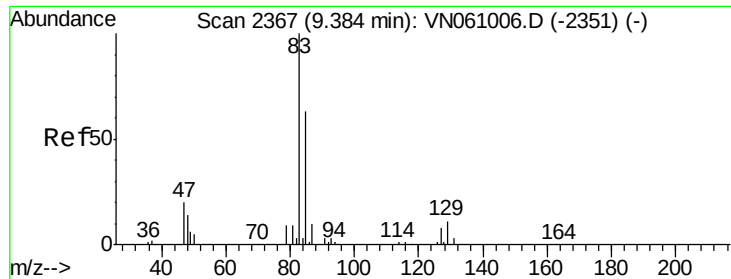
Tot Ion: 63 Resp: 108500
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.2 37.8



#46
 Dibromomethane
 Concen: 50.864 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 93 Resp: 66035
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 96.0 76.2 114.4

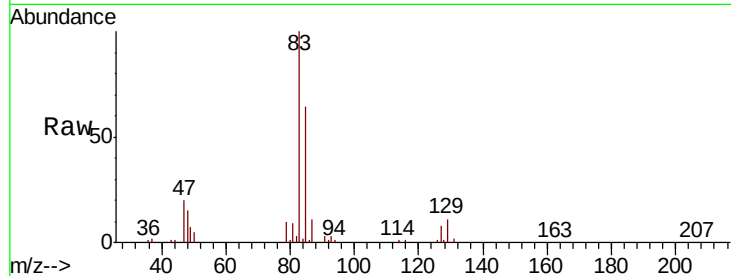




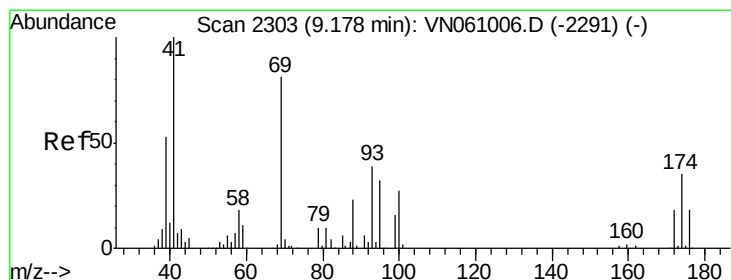
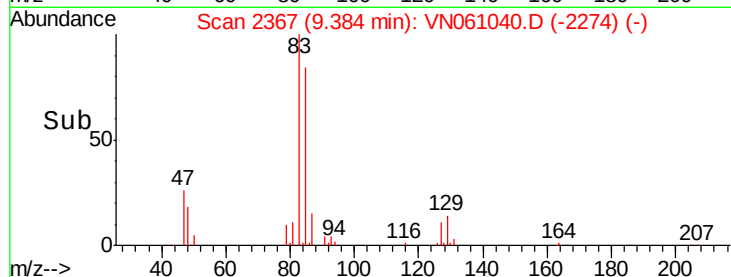
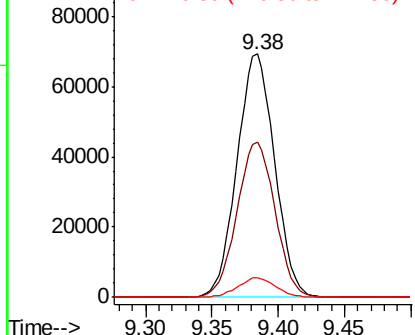
#47
 Bromodichloromethane
 Concen: 49.826 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 83 Resp: 136654
 Ion Ratio Lower Upper
 83 100
 85 63.5 50.6 76.0
 127 8.2 6.1 9.1

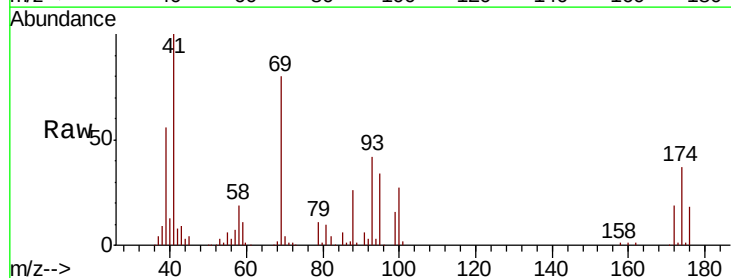


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

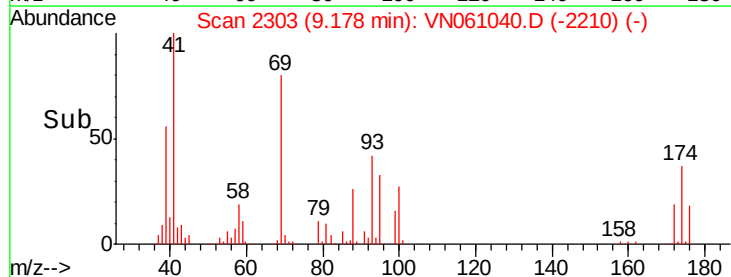
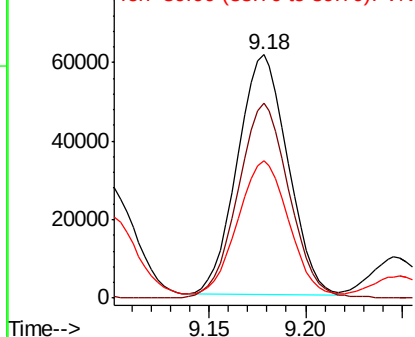


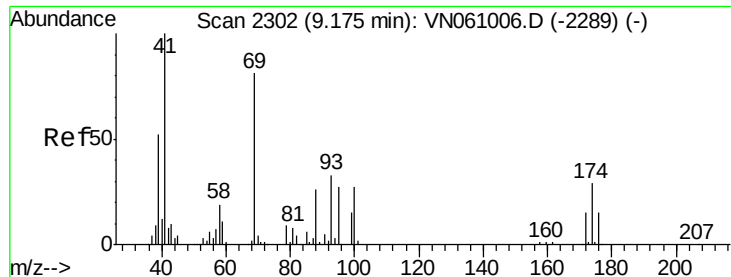
#48
 Methyl methacrylate
 Concen: 50.844 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 41 Resp: 111506
 Ion Ratio Lower Upper
 41 100
 69 82.4 65.3 97.9
 39 55.9 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

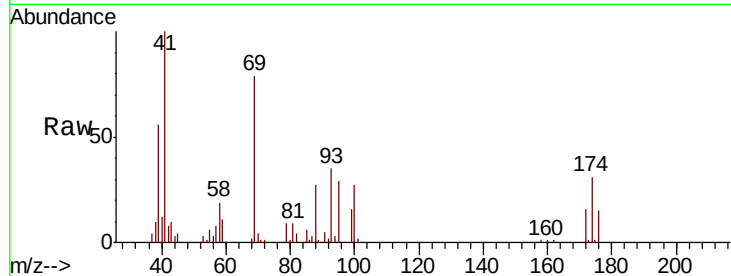




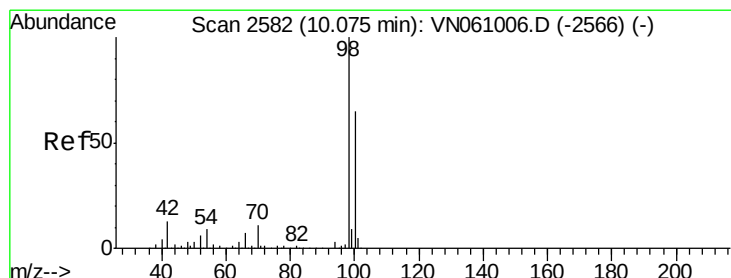
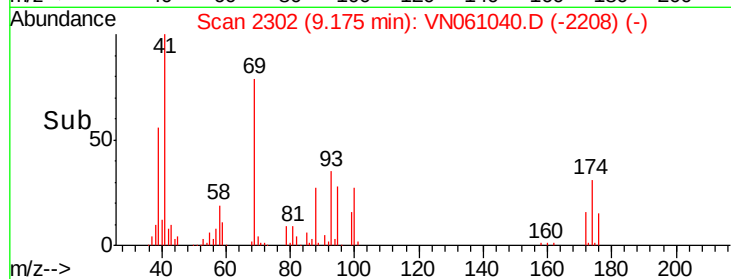
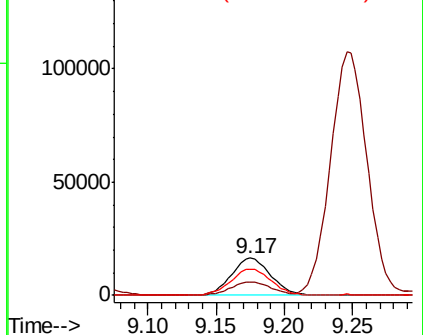
#49
1,4-Dioxane
Concen: 1080.800 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 32946
Ion Ratio Lower Upper
88 100
43 37.6 30.9 46.3
58 73.4 59.8 89.8

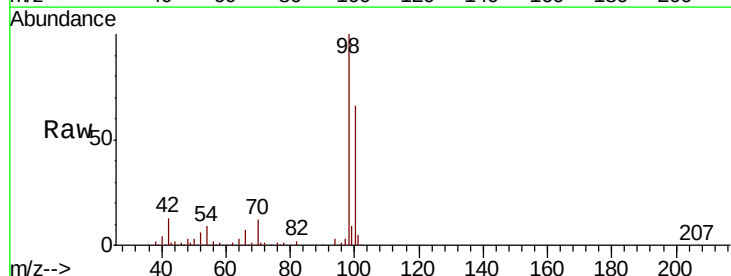


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

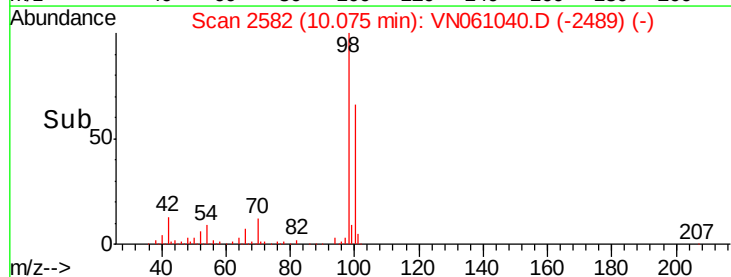
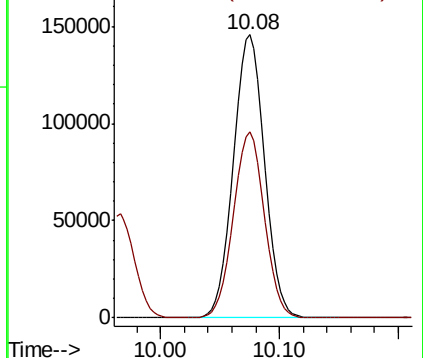


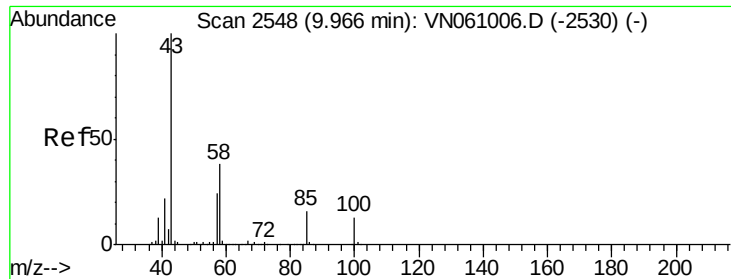
#50
Toluene-d8
Concen: 43.990 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 98 Resp: 264358
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



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

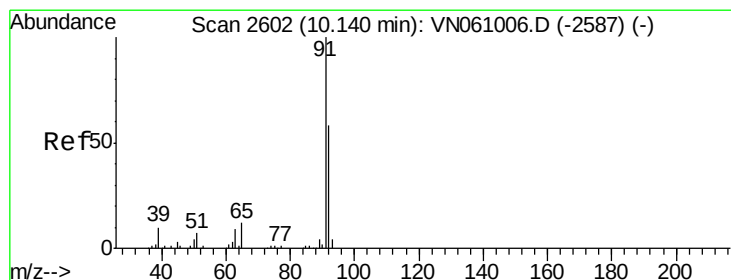
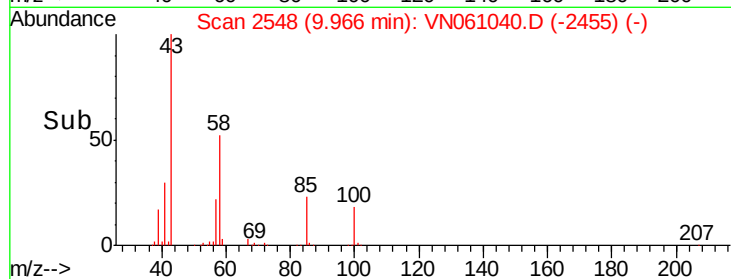
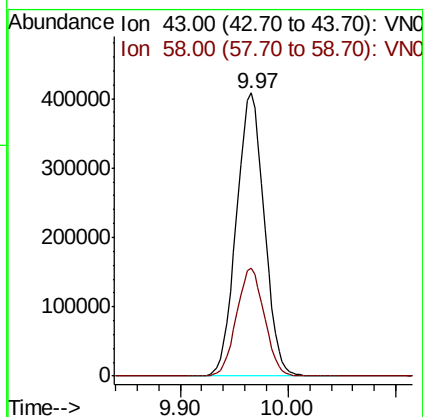
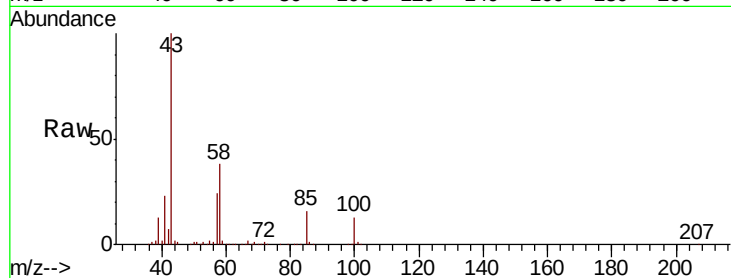




#51
 4-Methyl-2-Pentanone
 Concen: 255.604 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

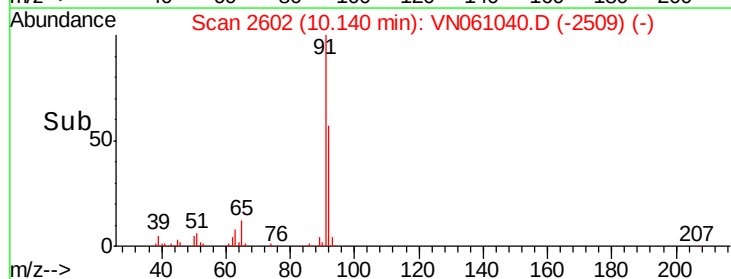
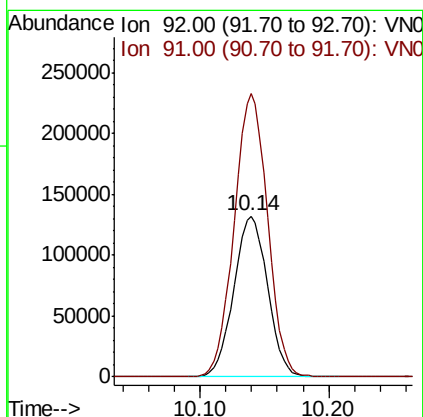
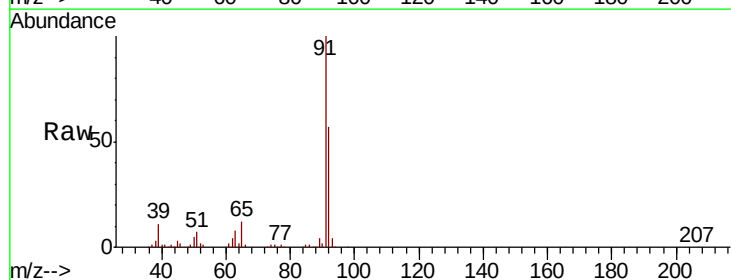
Instrument :
 MSVOA_N
 ClientSampled :

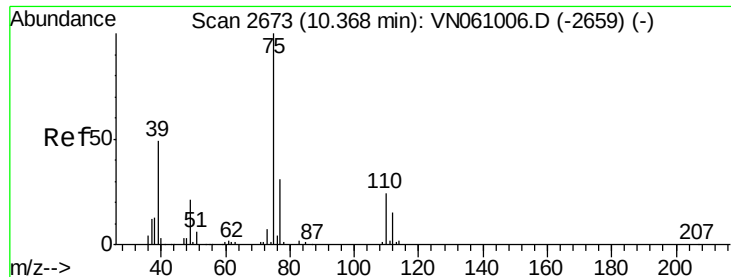
Tot Ion: 43 Resp: 731226
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.3 45.5



#52
 Toluene
 Concen: 48.047 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 92 Resp: 240297
 Ion Ratio Lower Upper
 92 100
 91 174.2 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 50.657 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

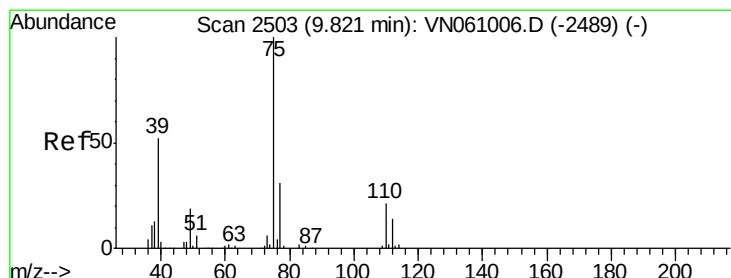
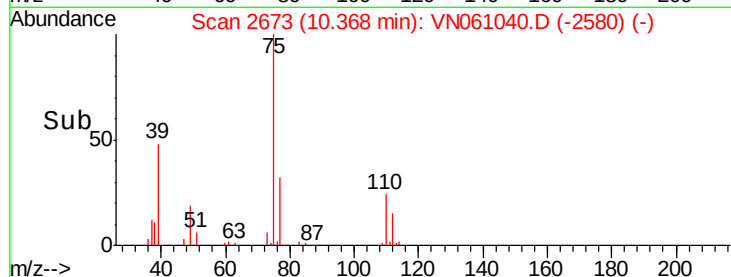
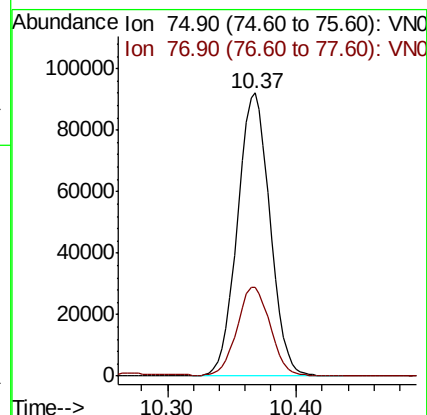
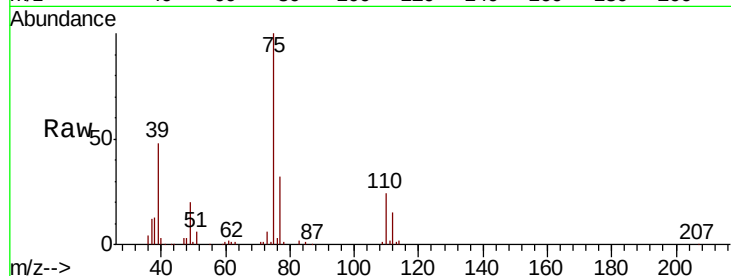
ClientSampled :

Tot Ion: 75 Resp: 161384

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.829 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

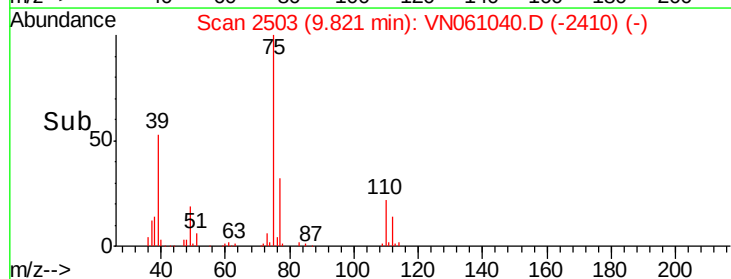
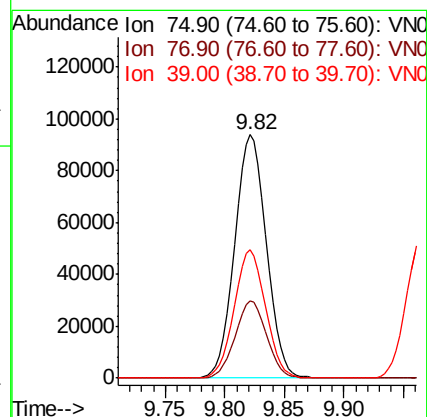
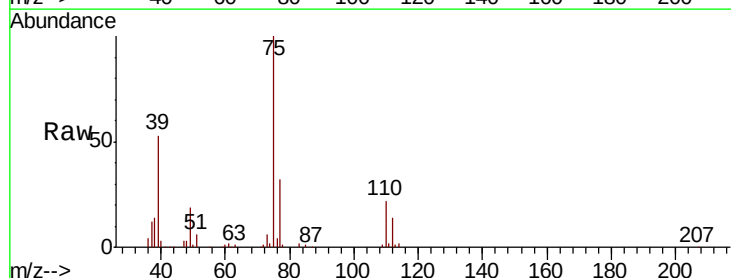
Tgt Ion: 75 Resp: 173205

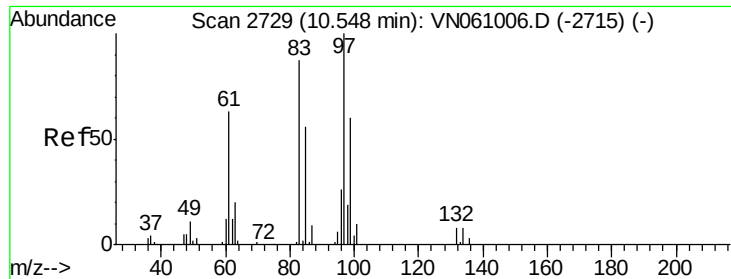
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 52.6 41.4 62.2

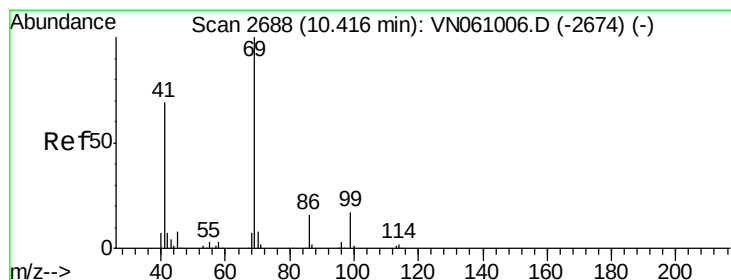
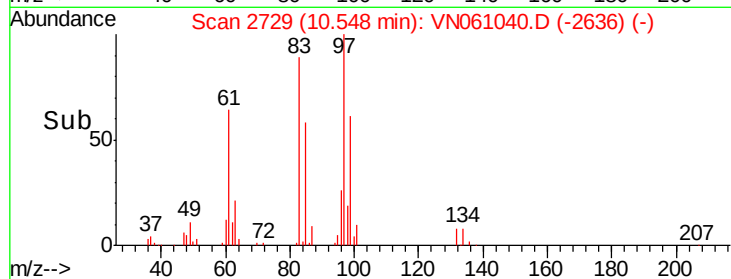
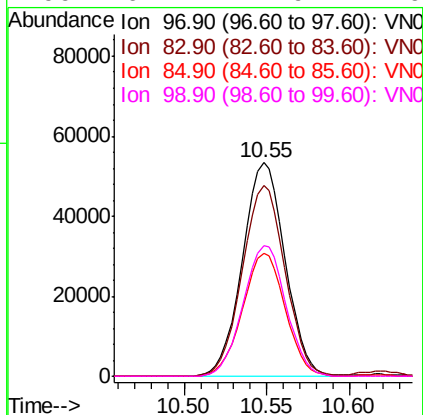
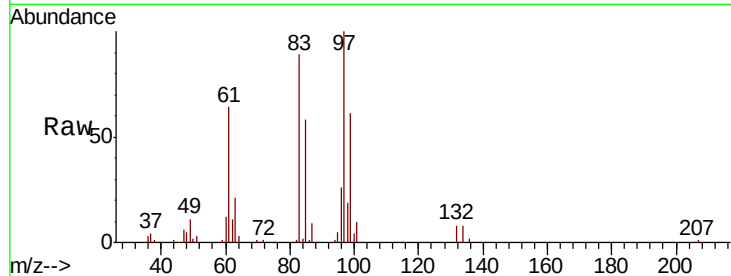




#55
 1,1,2-Trichloroethane
 Concen: 50.393 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

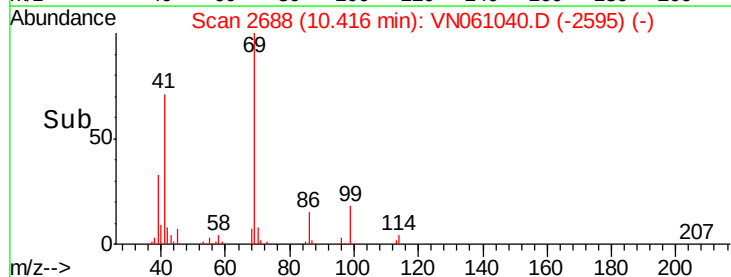
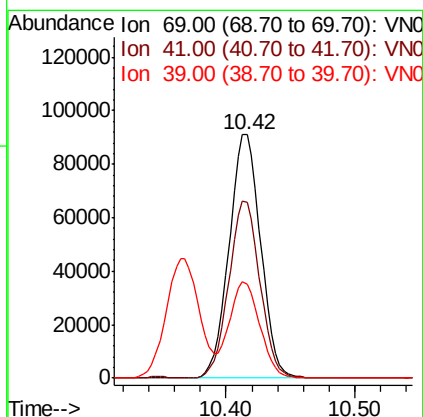
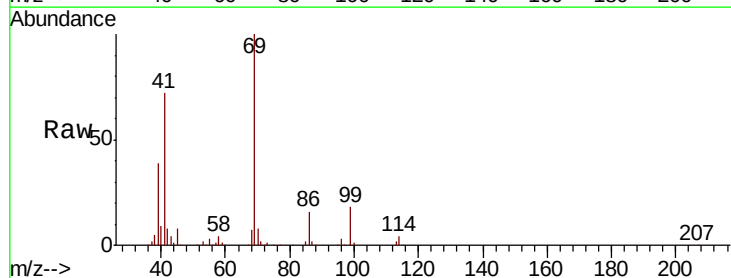
Instrument :
 MSVOA_N
 ClientSampled :

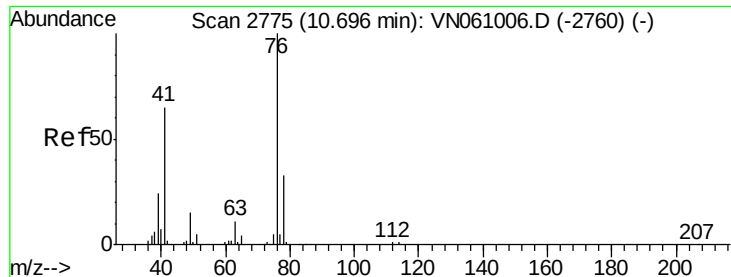
Tot Ion:	97	Resp:	95376
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.5	104.3
85	57.6	45.0	67.4
99	61.2	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 51.914 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion:	69	Resp:	154504
Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.7	85.1
39	39.0	29.4	44.0





#57

1,3-Dichloropropane

Concen: 49.347 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

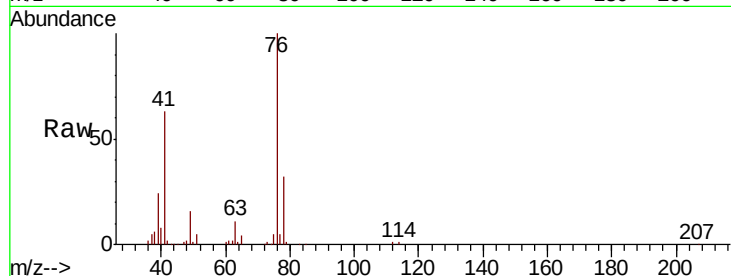
ClientSampled :

Tot Ion: 76 Resp: 166590

Ion Ratio Lower Upper

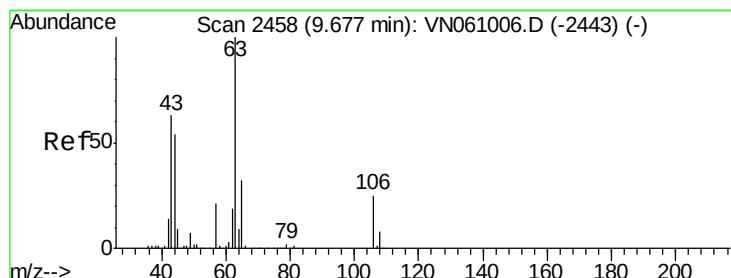
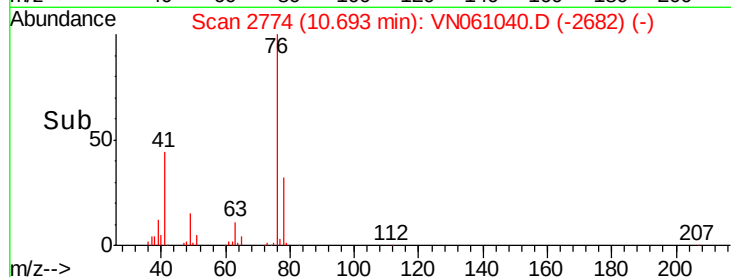
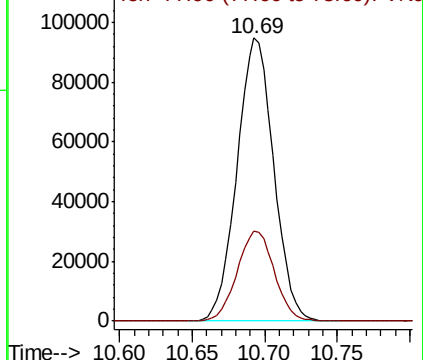
76 100

78 32.2 25.4 38.0



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

Ion 77.90 (77.60 to 78.60): VN061006.D



#58

2-Chloroethyl Vinyl ether

Concen: 300.905 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061040.D

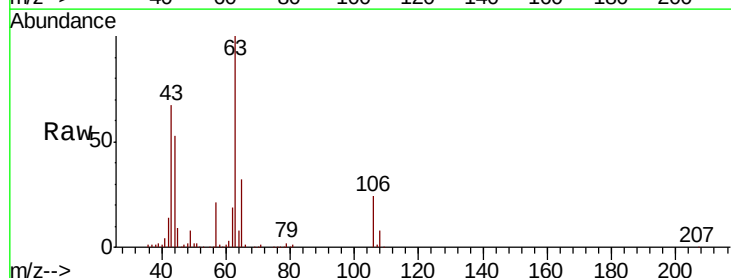
Acq: 17 Apr 2020 10:53

Tgt Ion: 63 Resp: 406931

Ion Ratio Lower Upper

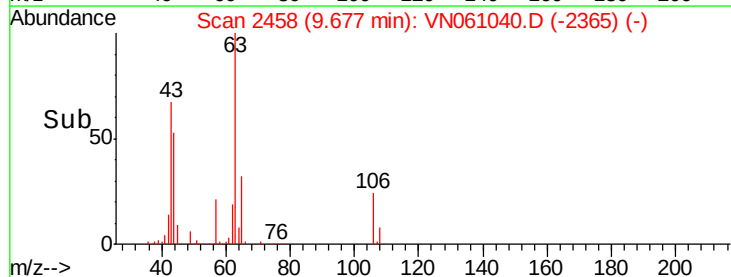
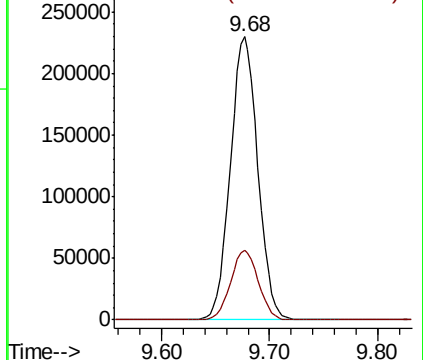
63 100

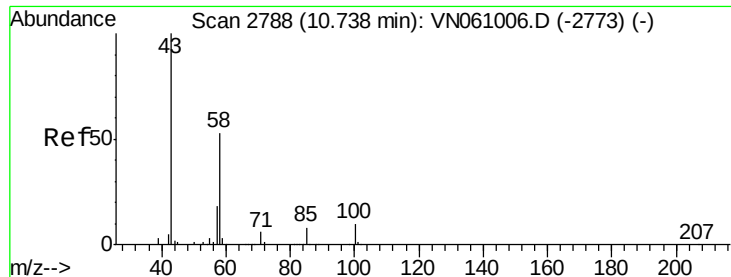
106 24.8 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D

Ion 105.90 (105.60 to 106.60): VN061006.D

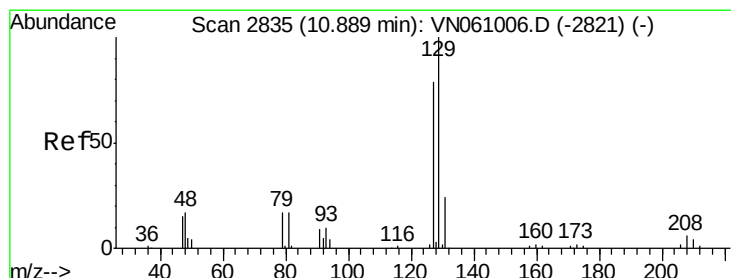
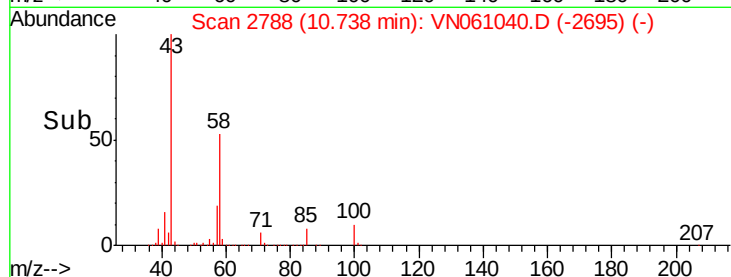
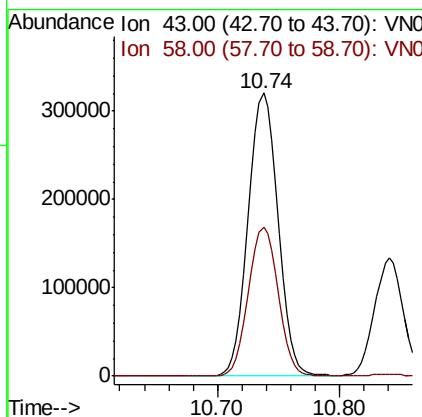
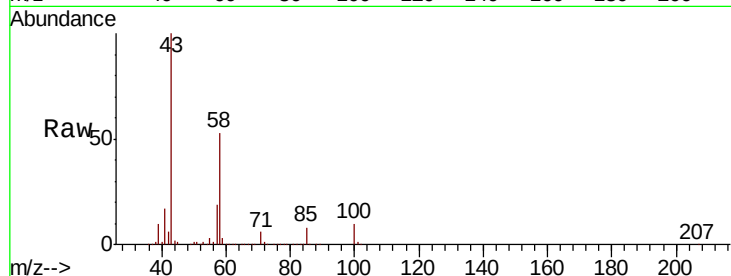




#59
2-Hexanone
Concen: 261.222 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

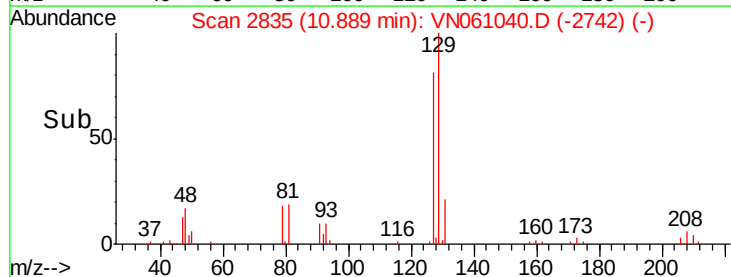
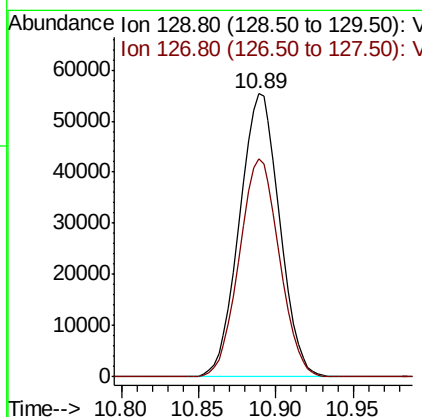
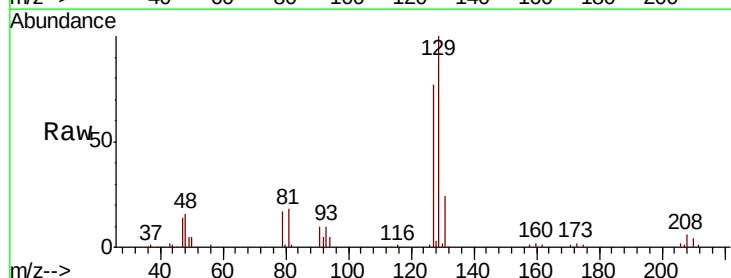
Instrument :
MSVOA_N
ClientSampleId :

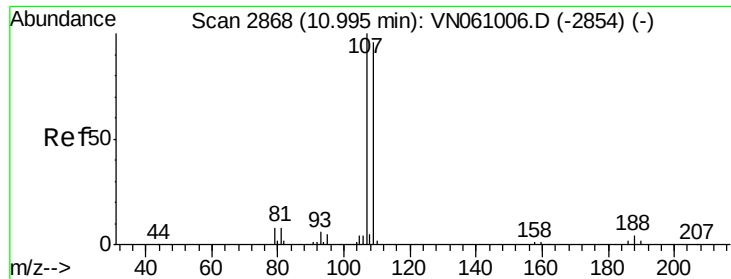
Tot Ion: 43 Resp: 538935
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0



#60
Dibromochloromethane
Concen: 51.366 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 129 Resp: 99867
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9

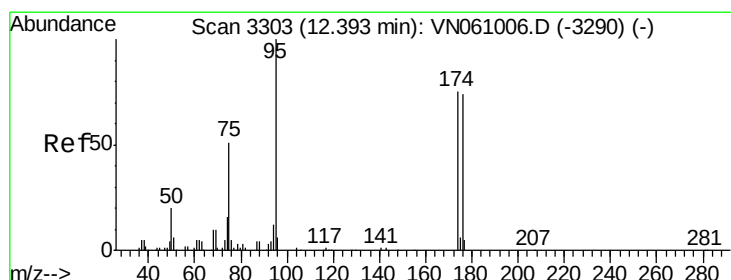
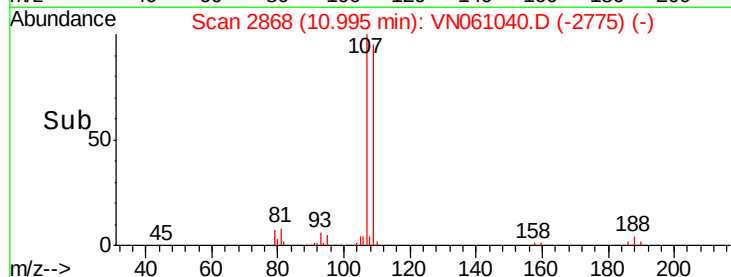
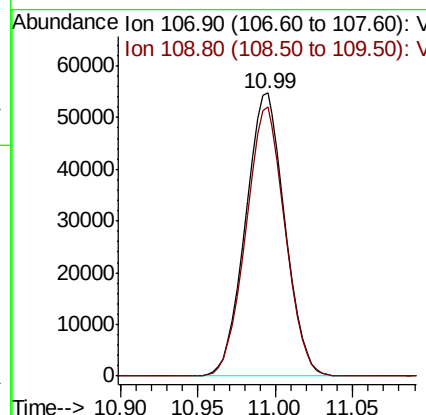
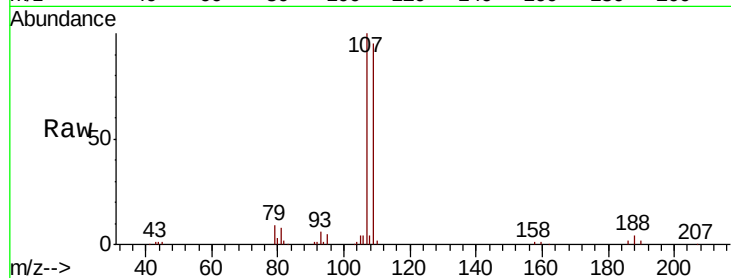




#61
 1,2-Dibromoethane
 Concen: 50.166 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

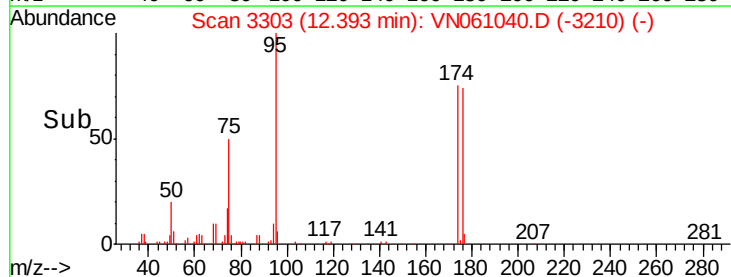
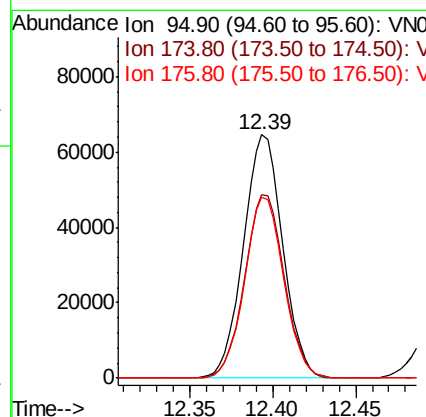
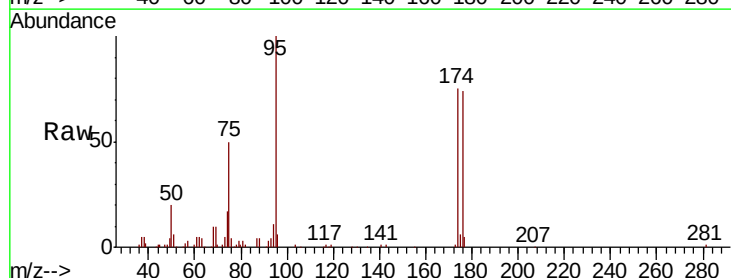
Instrument :
 MSVOA_N
 ClientSampleId :

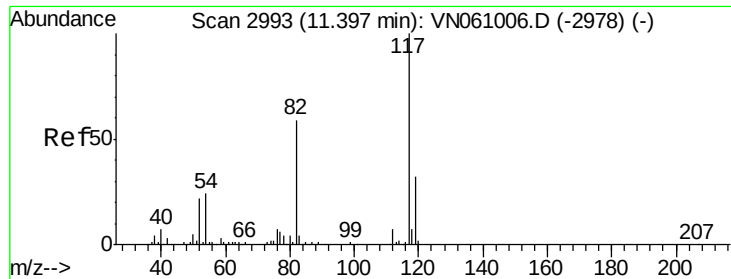
Tot Ion: 107 Resp: 96749
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.138 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion: 95 Resp: 106314
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 151.2
 176 73.9 0.0 148.2

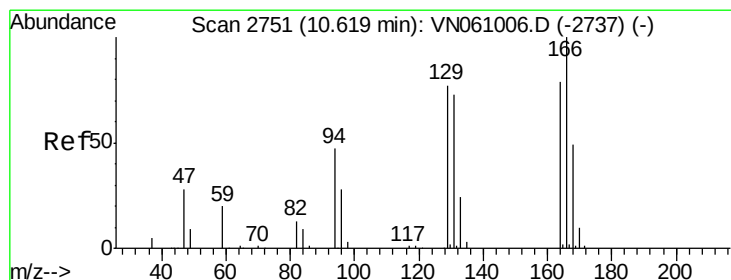
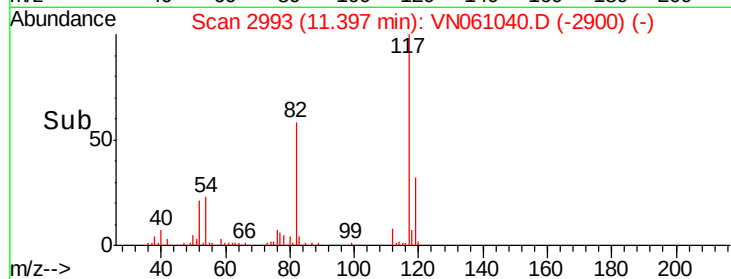
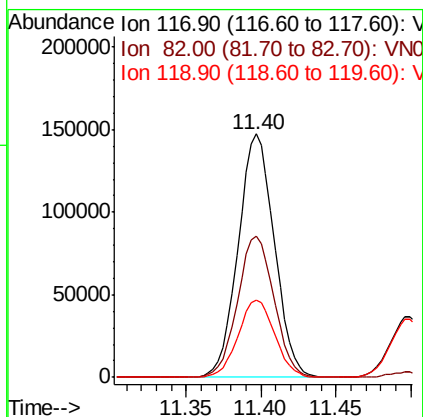
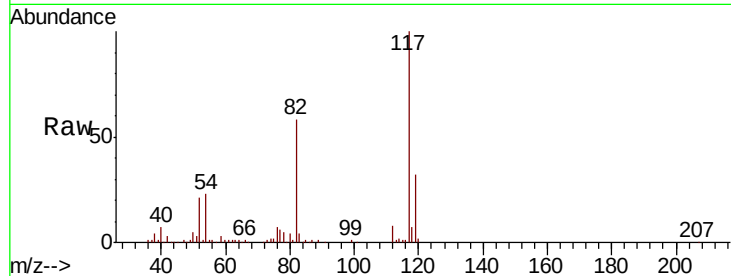




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

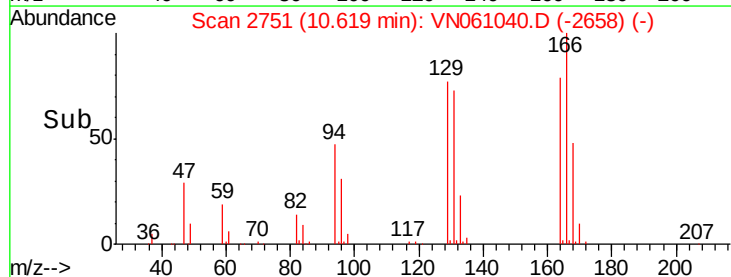
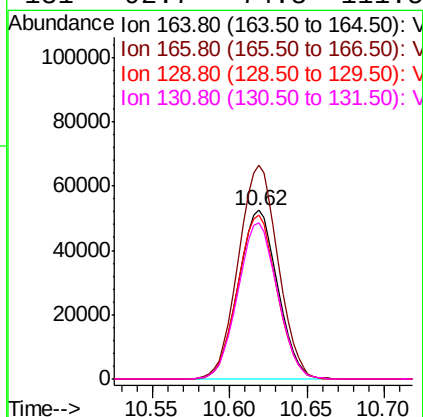
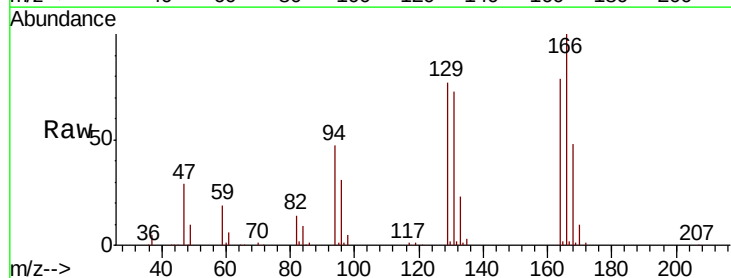
Instrument :
MSVOA_N
ClientSampleId :

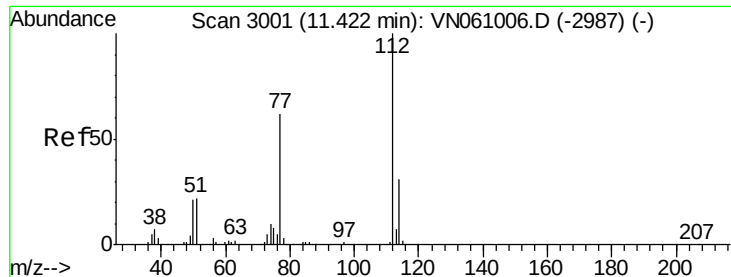
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.1	70.7
119	31.9	25.7	38.5



#64
Tetrachloroethene
Concen: 49.063 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.6	152.4
129	97.0	78.5	117.7
131	92.7	74.3	111.5





#65

Chlorobenzene

Concen: 48.364 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

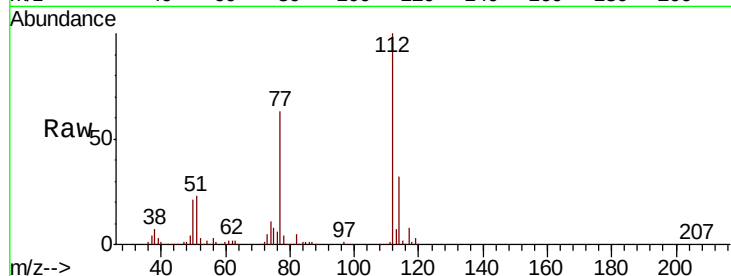
ClientSampleId :

Tot Ion:112 Resp: 247598

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.42

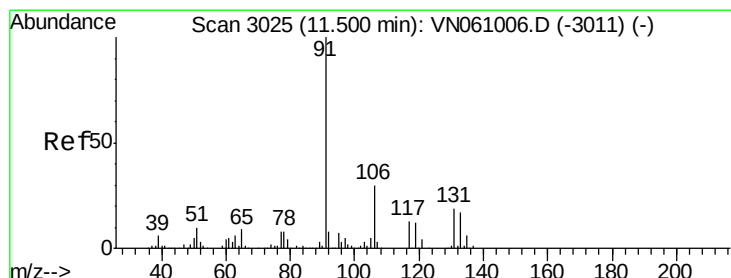
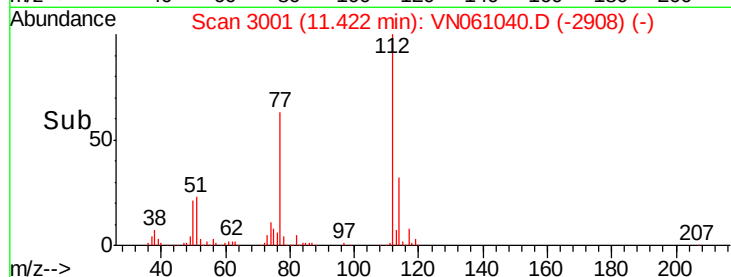
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.578 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

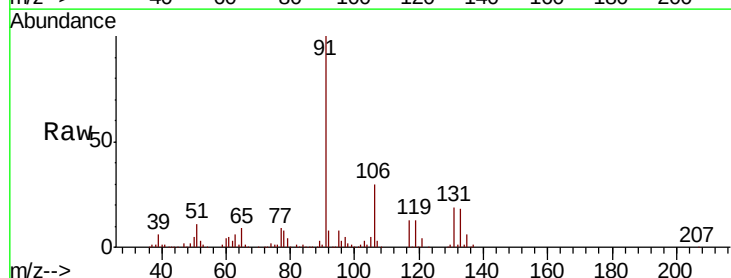
Tgt Ion:131 Resp: 90806

Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.8

119 66.7 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

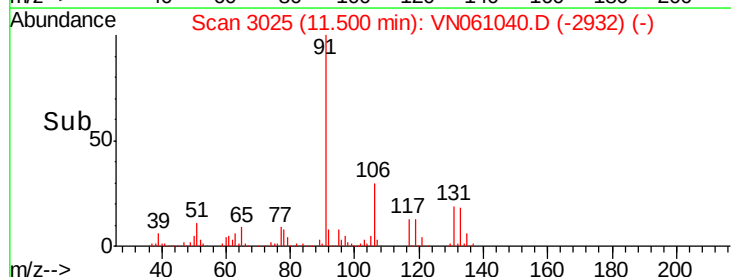
60000

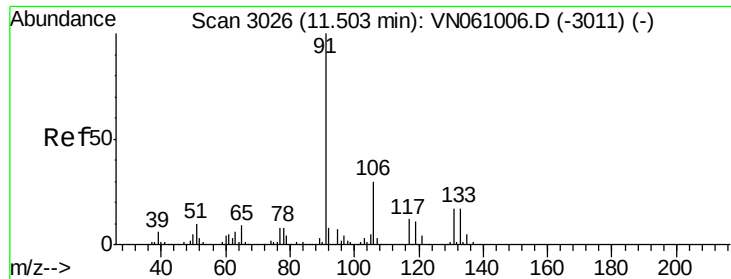
40000

20000

0

Time-->

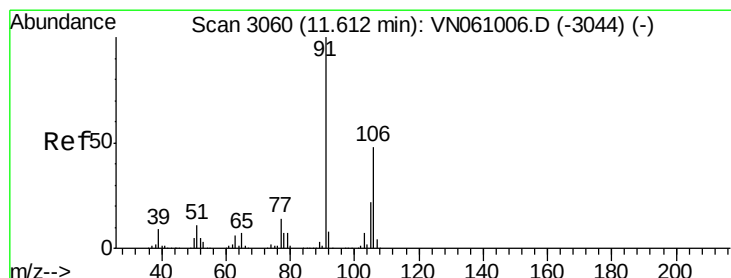
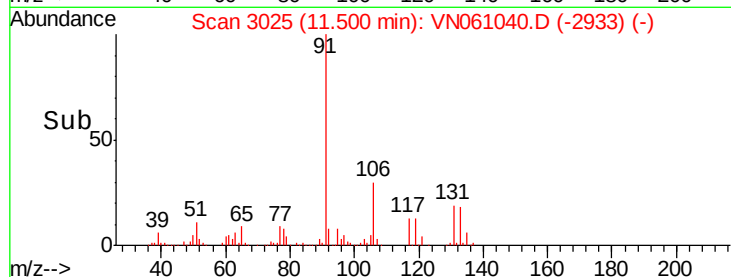
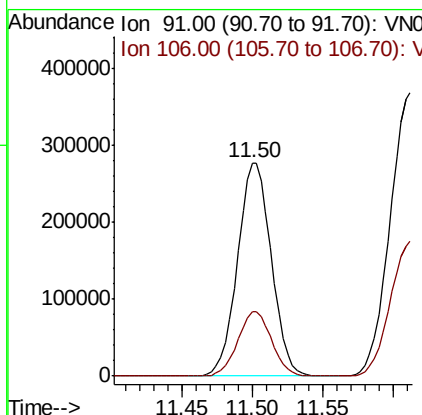
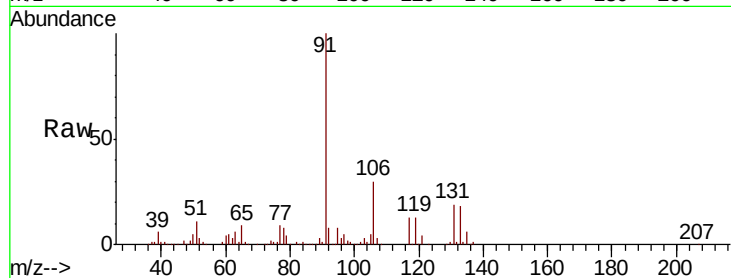




#67
Ethyl Benzene
Concen: 48.322 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

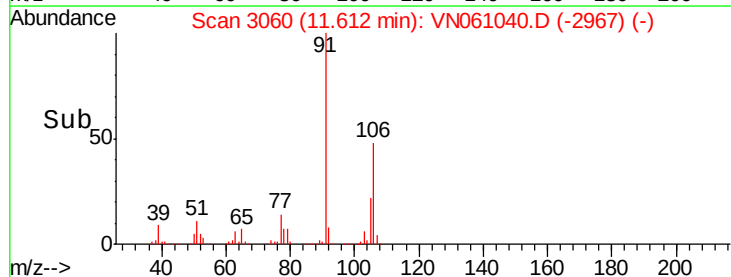
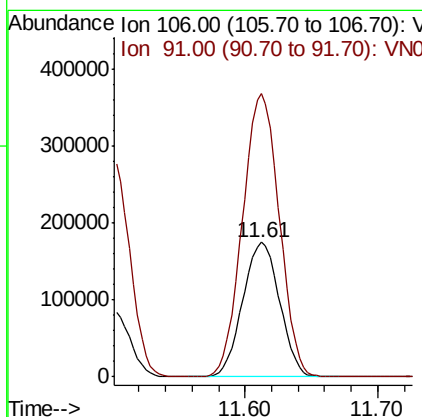
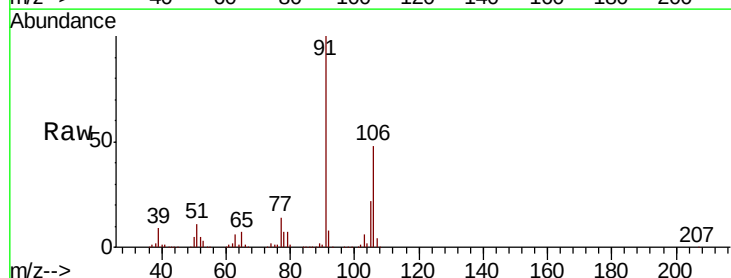
Instrument :
MSVOA_N
ClientSampled :

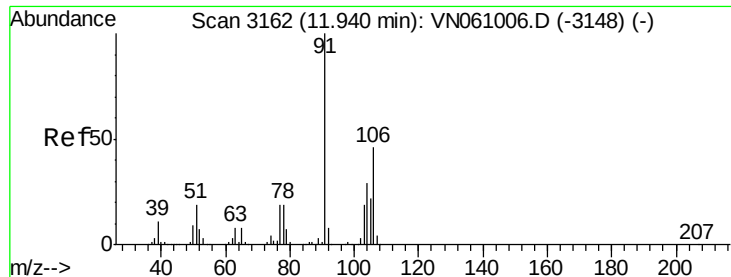
Tot Ion: 91 Resp: 465343
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 97.198 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 106 Resp: 338273
Ion Ratio Lower Upper
106 100
91 210.2 167.9 251.9

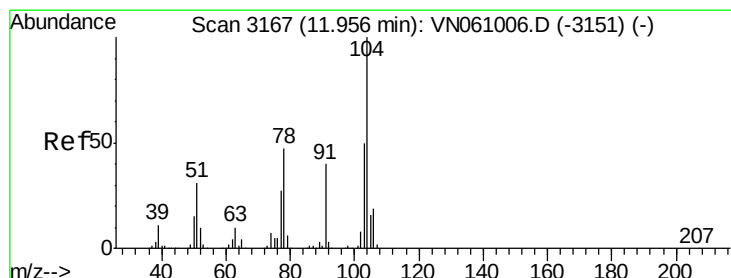
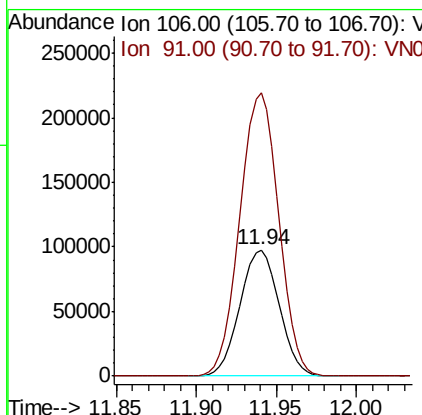
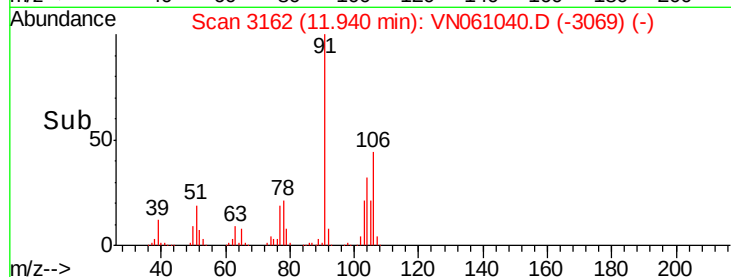
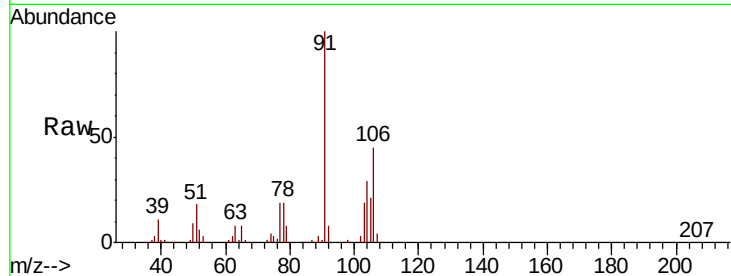




#69
o-Xylene
Concen: 48.854 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

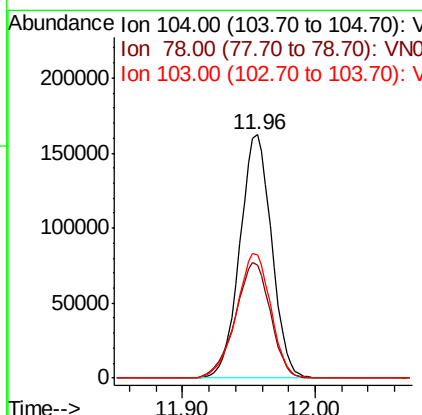
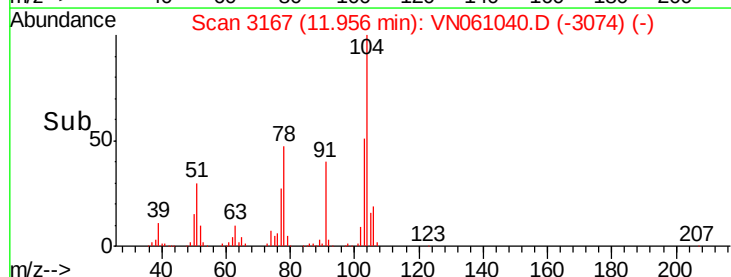
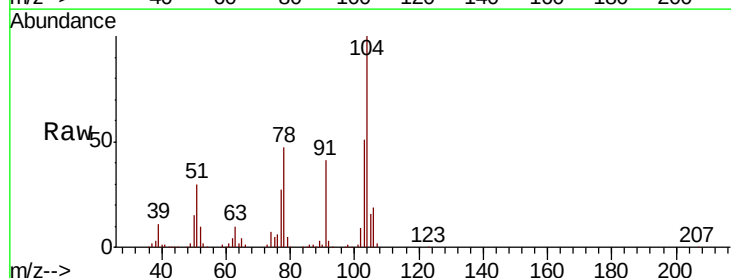
Instrument :
MSVOA_N
ClientSampled :

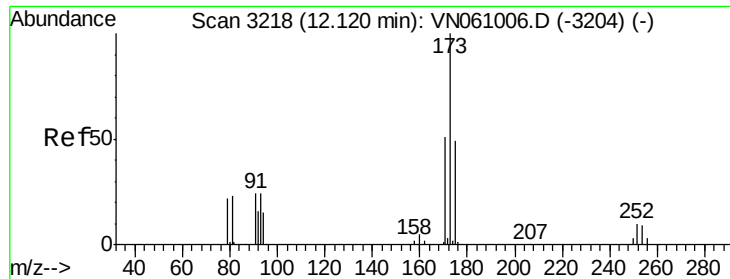
Tot Ion:106 Resp: 163474
Ion Ratio Lower Upper
106 100
91 222.6 110.7 332.1



#70
Styrene
Concen: 50.263 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion:104 Resp: 270769
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.4
103 55.3 44.4 66.6

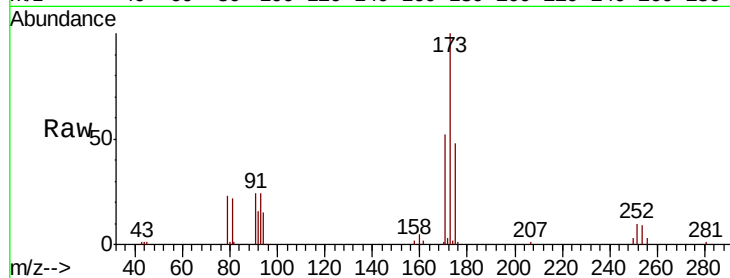




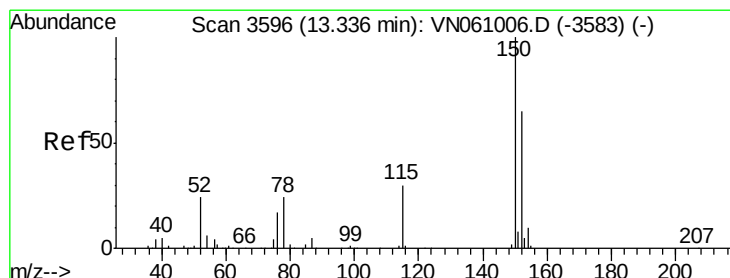
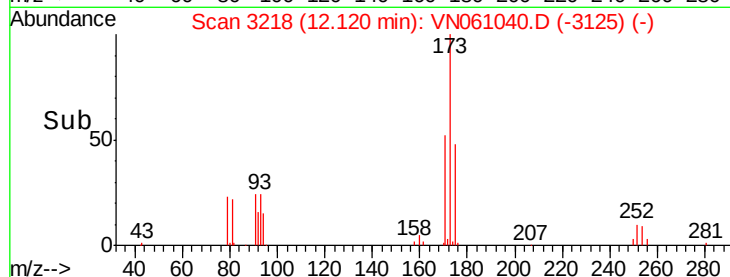
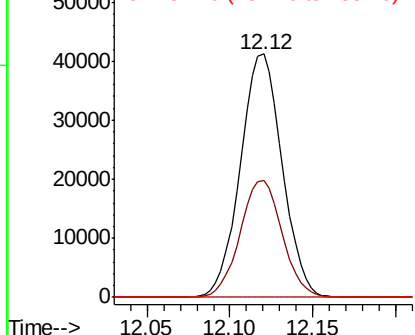
#71
Bromoform
Concen: 52.783 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 72164
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.0 0.0 0.0

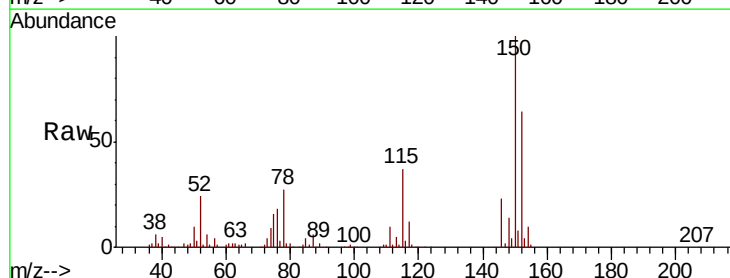


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

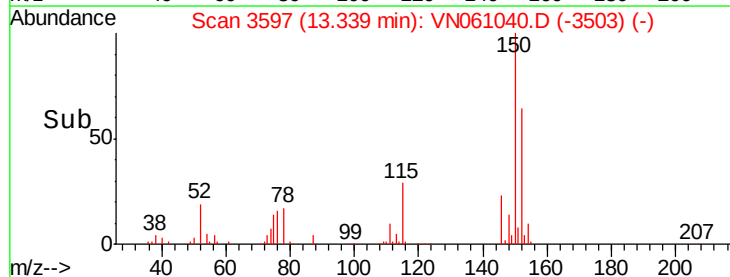
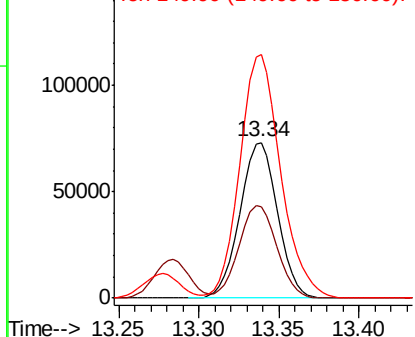


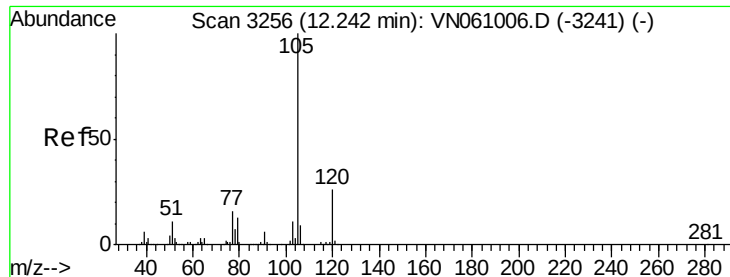
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion:152 Resp: 116562
Ion Ratio Lower Upper
152 100
115 60.1 30.8 92.4
150 171.0 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: 46.766 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

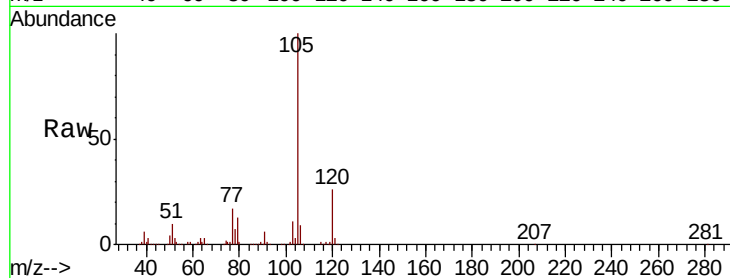
ClientSampleId :

Tot Ion:105 Resp: 436717

Ion Ratio Lower Upper

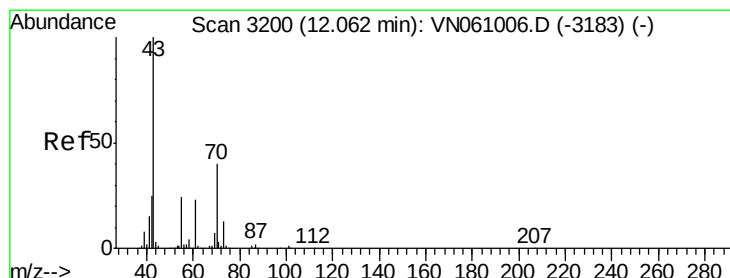
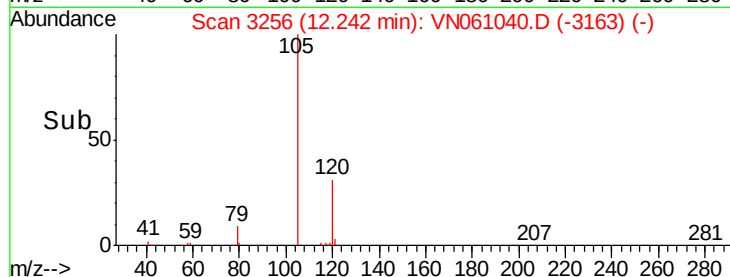
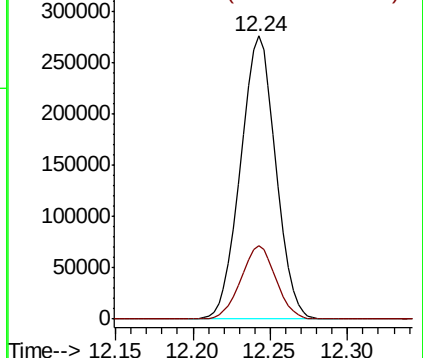
105 100

120 25.7 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: 49.538 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Tgt Ion: 43 Resp: 215125

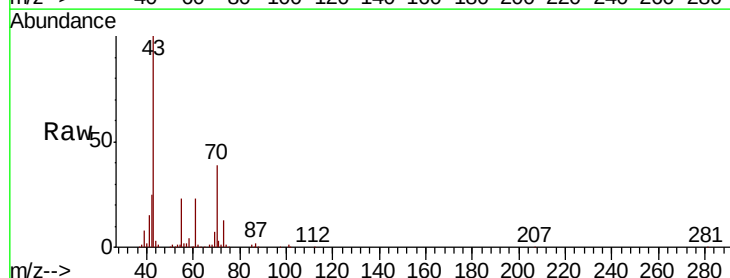
Ion Ratio Lower Upper

43 100

70 39.1 31.0 46.6

55 23.2 18.6 27.8

61 23.2 18.2 27.4

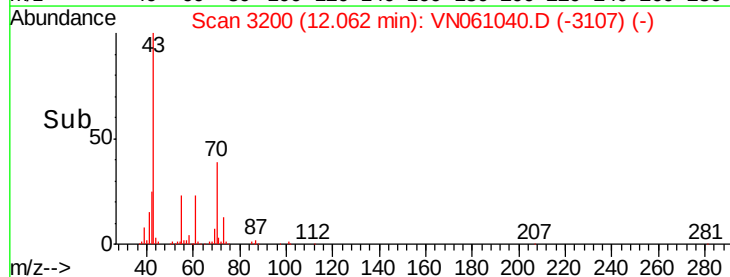
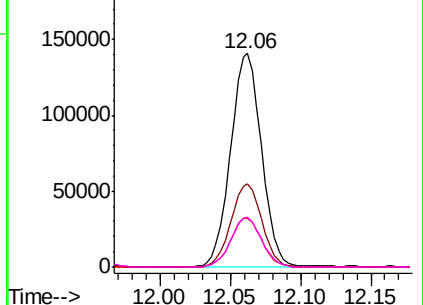


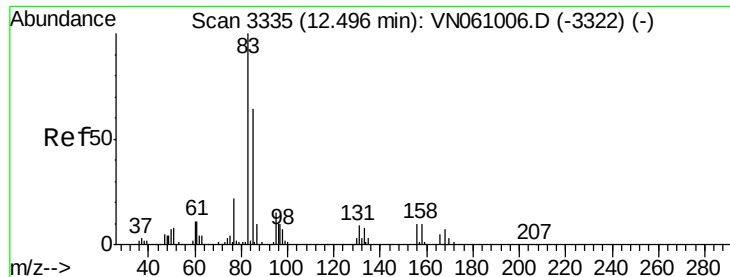
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.501 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

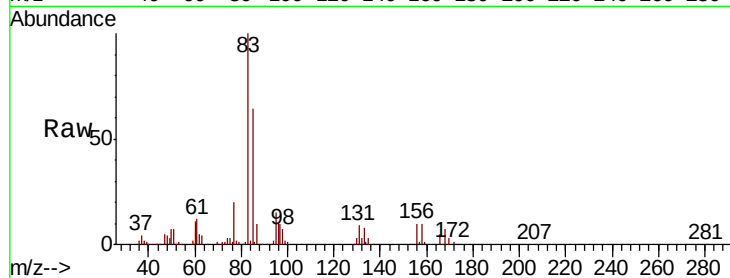
Tot Ion: 83 Resp: 141108

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

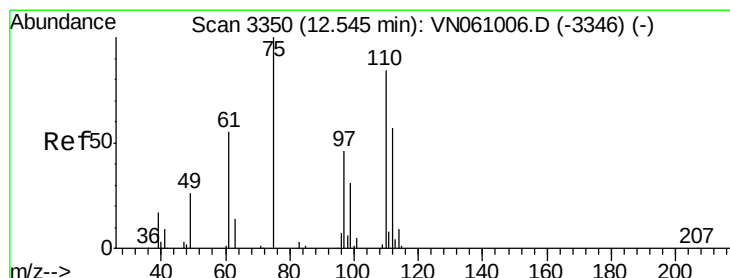
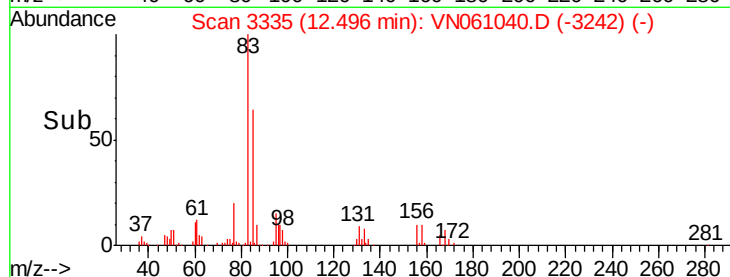
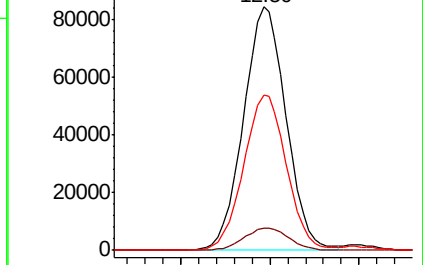
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061040.D (-3242) (-)

Ion 130.80 (130.50 to 131.50): VN061040.D (-3242) (-)

Ion 84.90 (84.60 to 85.60): VN061040.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 75.136 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061040.D

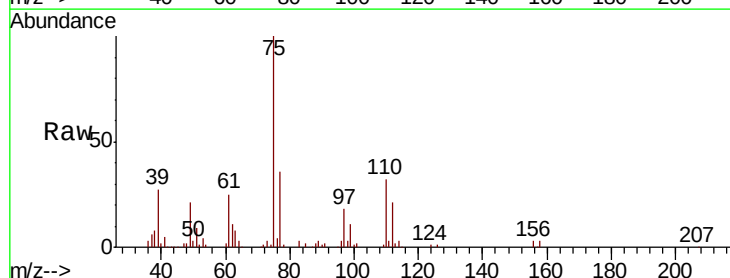
Acq: 17 Apr 2020 10:53

Tgt Ion: 75 Resp: 192639

Ion Ratio Lower Upper

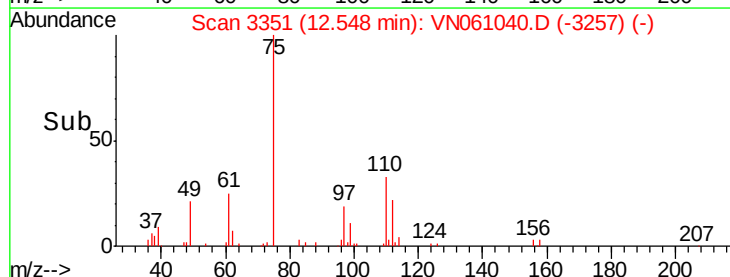
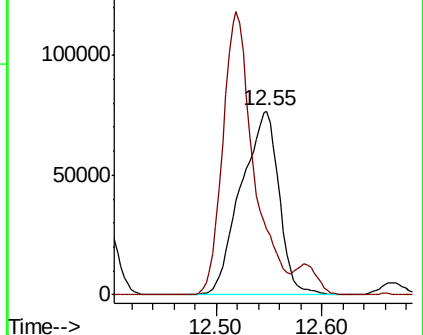
75 100

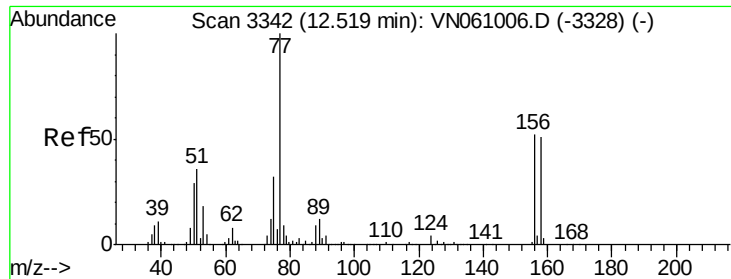
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061040.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061040.D (-3257) (-)





#77

Bromobenzene

Concen: 47.495 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

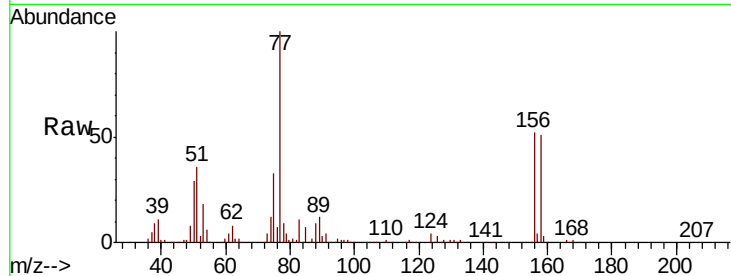
Tot Ion:156 Resp: 103556

Ion Ratio Lower Upper

156 100

77 231.7 115.6 346.8

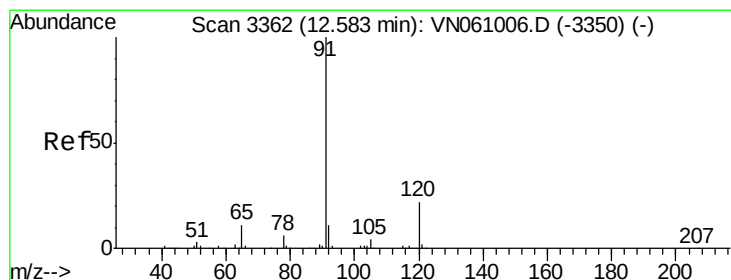
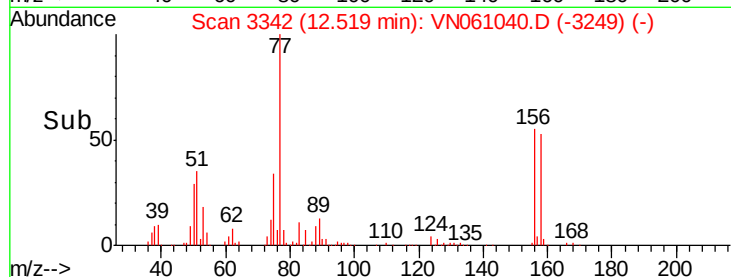
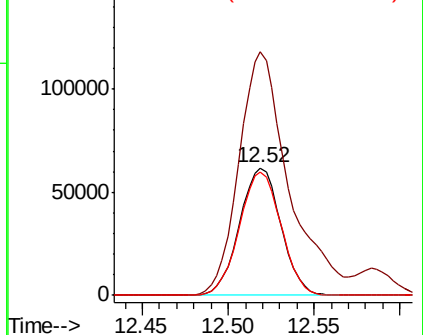
158 97.1 48.9 146.6



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: 47.664 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061040.D

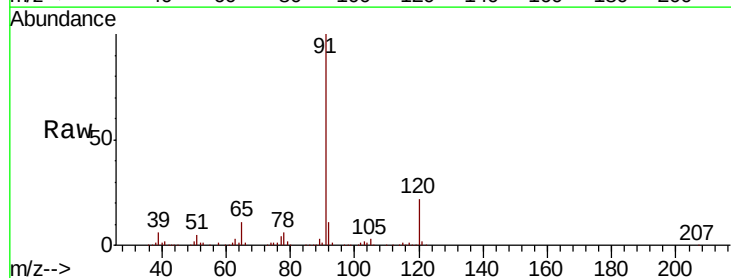
Acq: 17 Apr 2020 10:53

Tgt Ion: 91 Resp: 520754

Ion Ratio Lower Upper

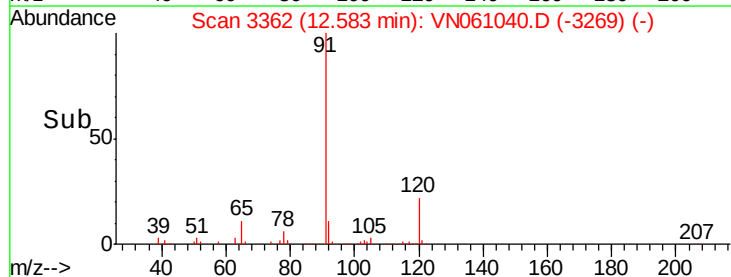
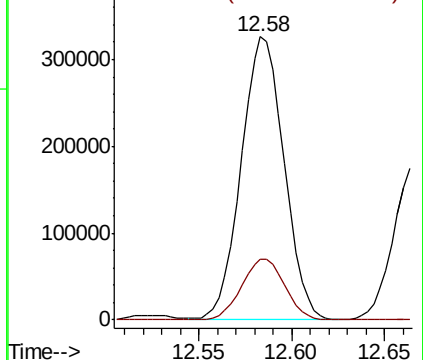
91 100

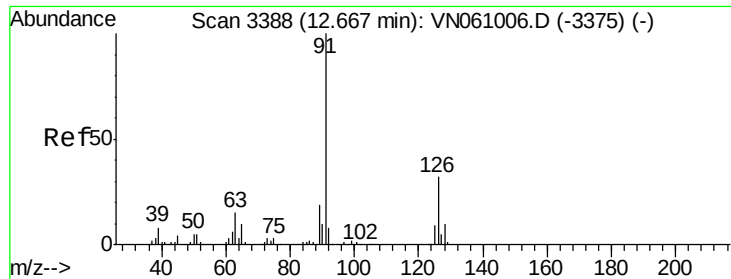
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.816 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

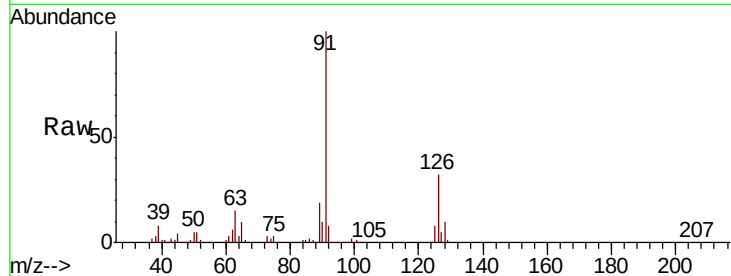
ClientSampled :

Tot Ion: 91 Resp: 306401

Ion Ratio Lower Upper

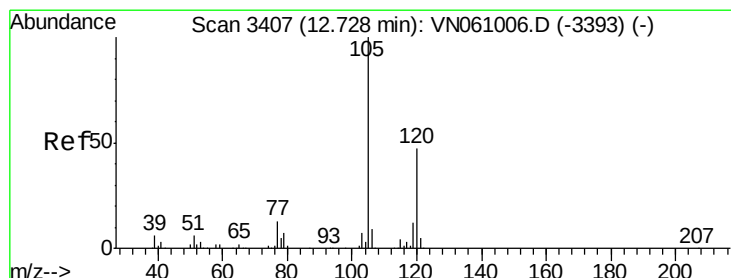
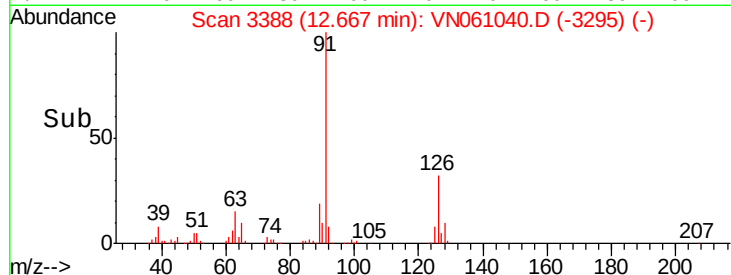
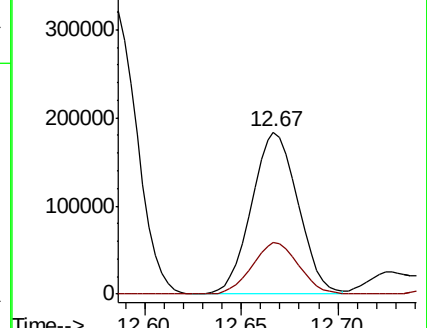
91 100

126 31.9 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061040.D (-3388) (-)

Ion 125.90 (125.60 to 126.60): VN061040.D (-3388) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.967 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061040.D

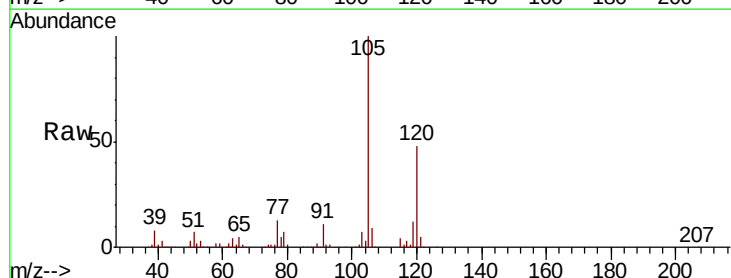
Acq: 17 Apr 2020 10:53

Tgt Ion:105 Resp: 370245

Ion Ratio Lower Upper

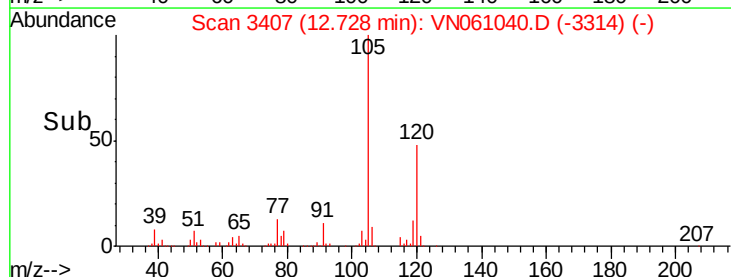
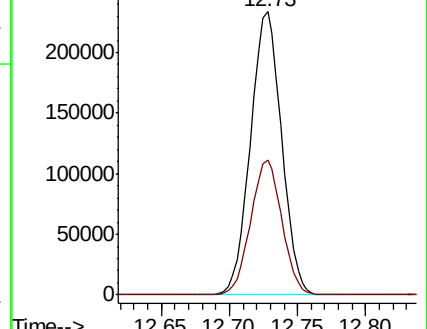
105 100

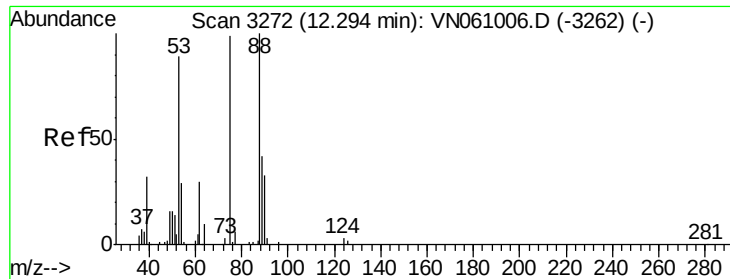
120 47.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061040.D (-3407) (-)

Ion 120.00 (119.70 to 120.70): VN061040.D (-3407) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.707 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

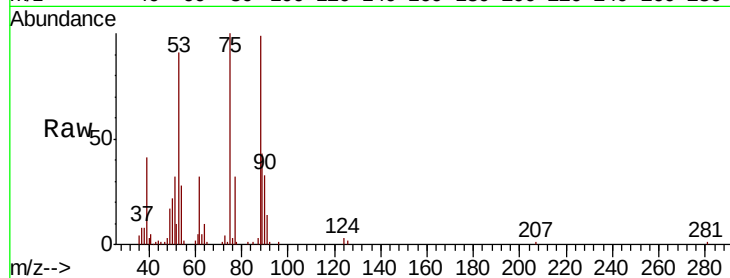
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 51668

Ion	Ratio	Lower	Upper
75	100		
53	90.8	74.7	112.1
89	43.3	34.6	52.0

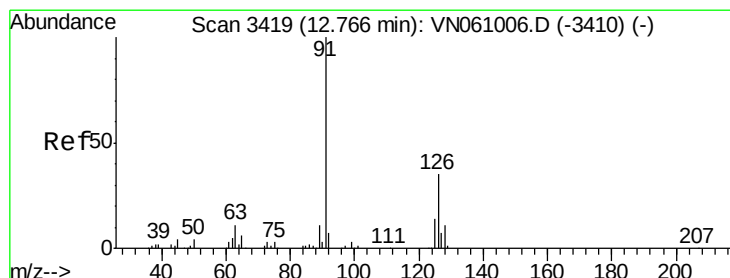
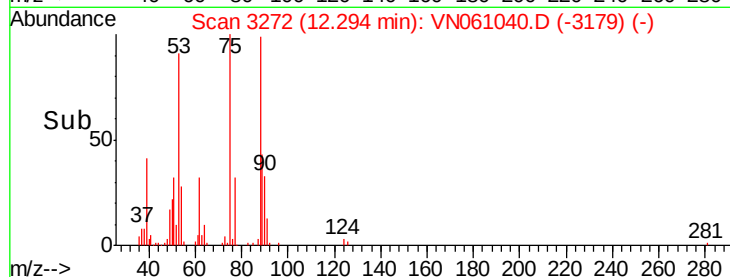
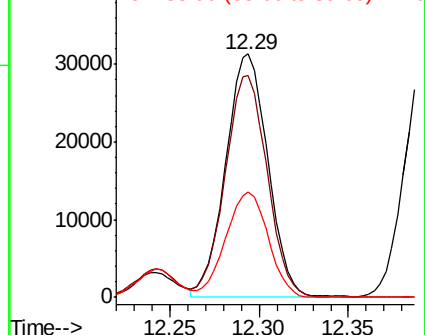


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.792 ug/l

RT: 12.77 min Scan# 3419

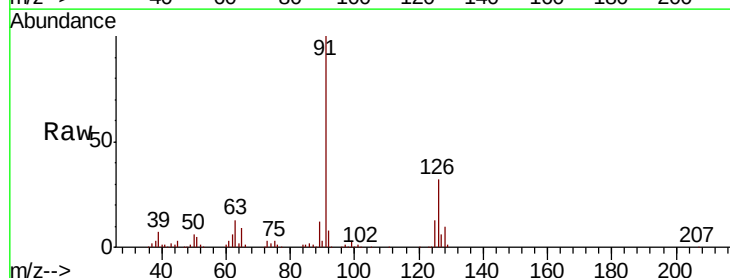
Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Tgt Ion: 91 Resp: 317619

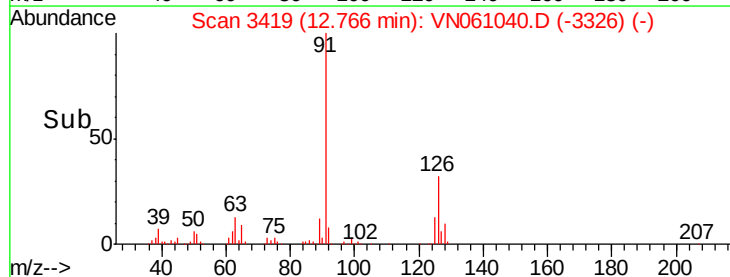
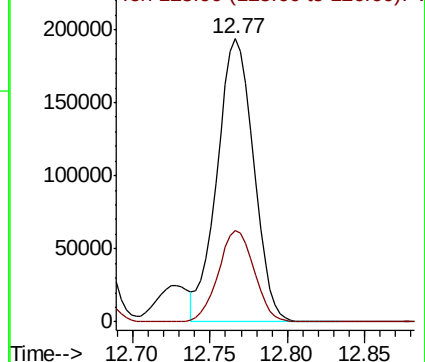
Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.6

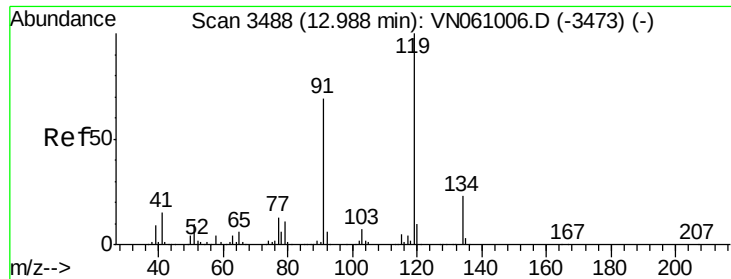


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

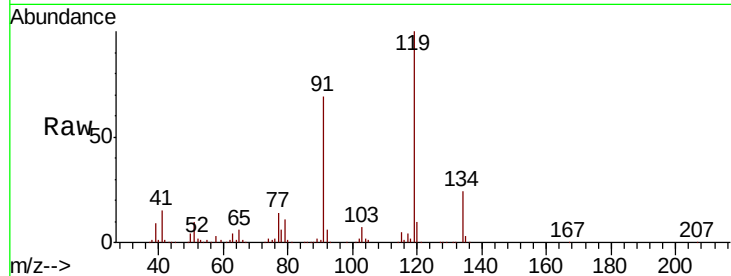




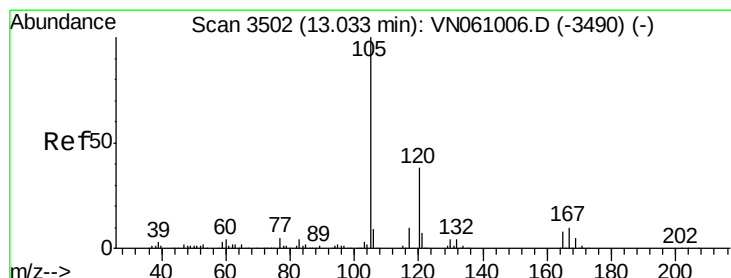
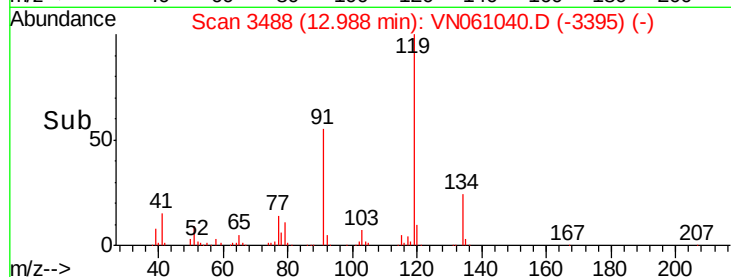
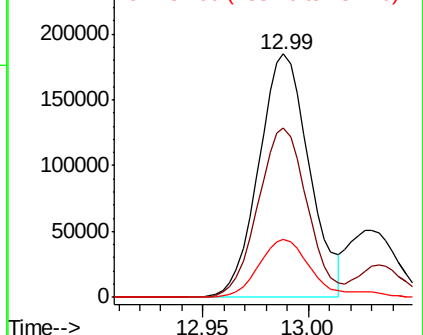
#83
 tert-Butylbenzene
 Concen: 47.348 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 307354
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.1 102.3
 134 25.3 12.4 37.2

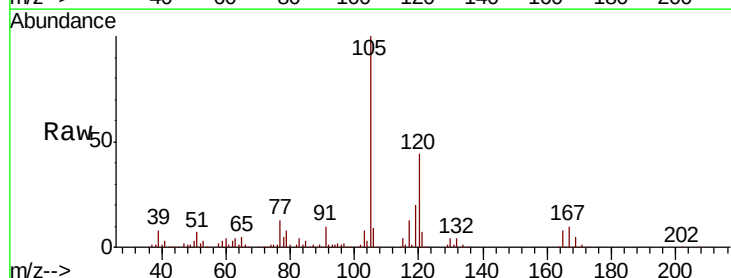


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

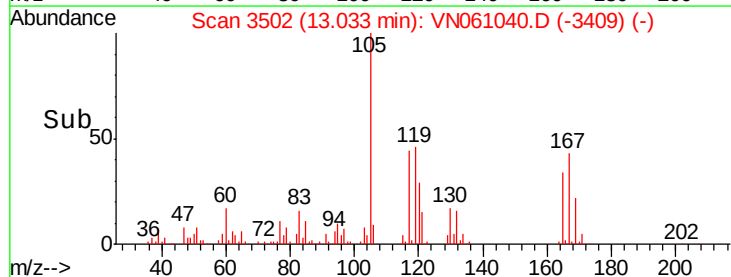
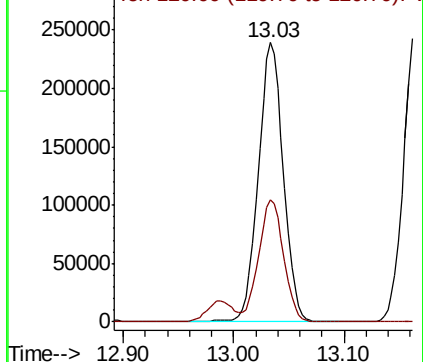


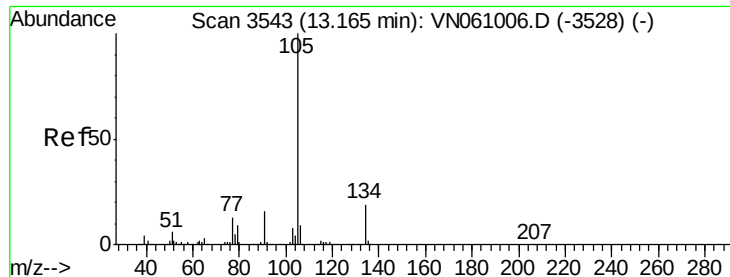
#84
 1,2,4-Trimethylbenzene
 Concen: 49.128 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion:105 Resp: 374839
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.607 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

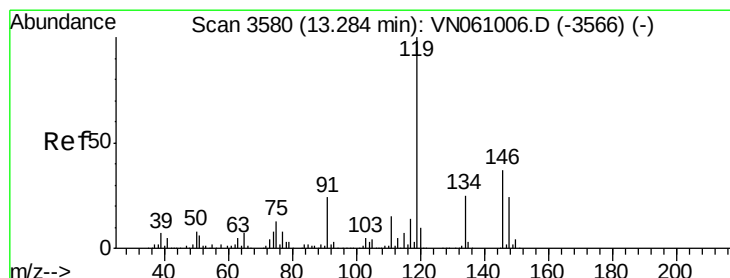
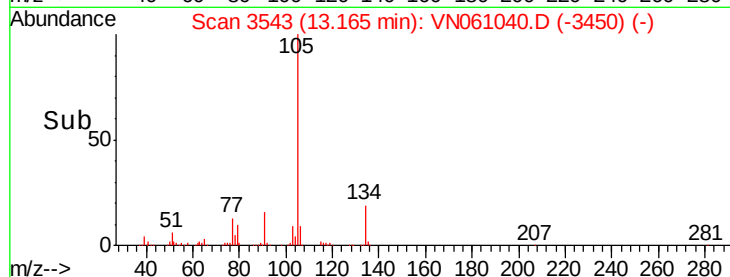
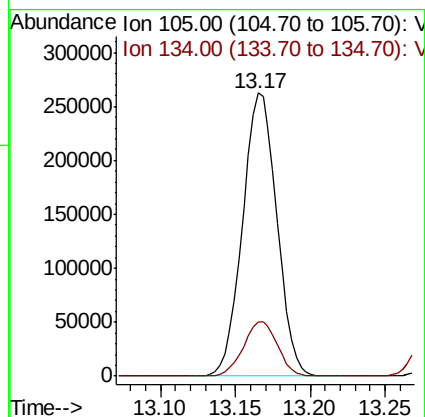
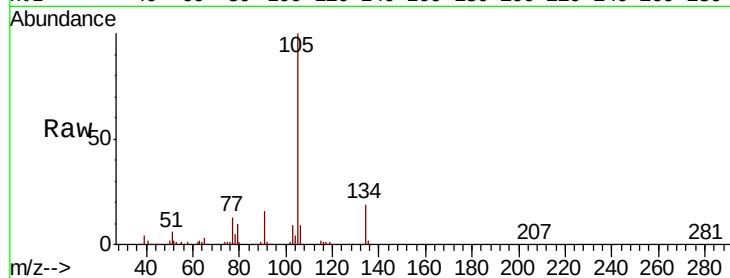
ClientSampleId :

Tot Ion:105 Resp: 418722

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



#86

p-Isopropyltoluene

Concen: 48.160 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

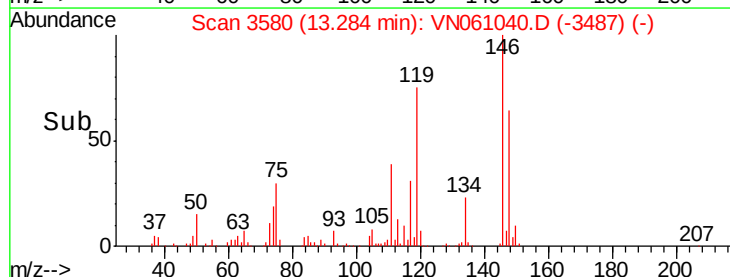
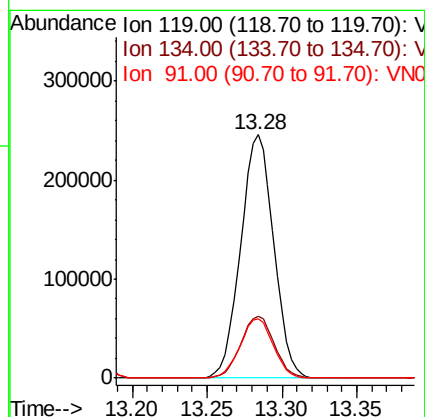
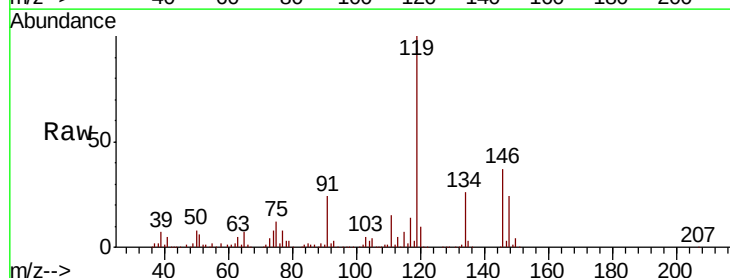
Tgt Ion:119 Resp: 377198

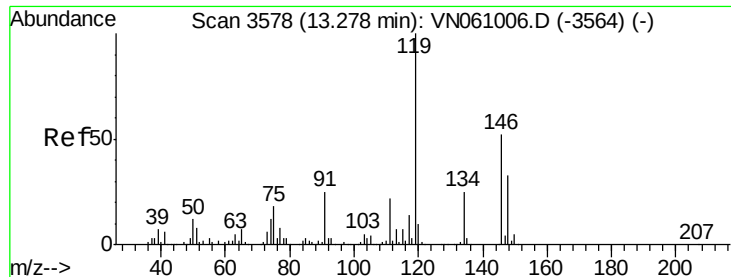
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.4 12.3 36.8

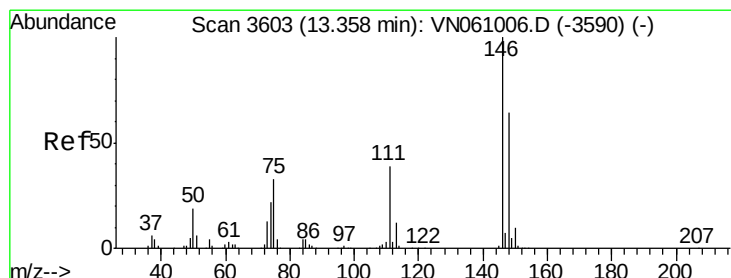
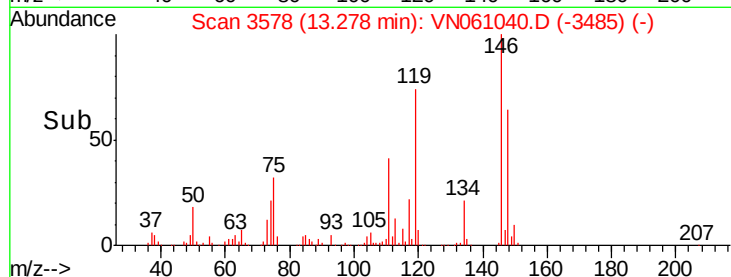
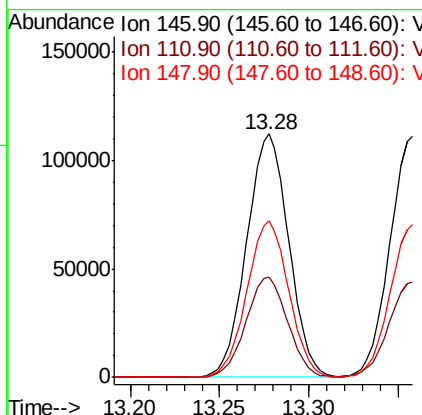
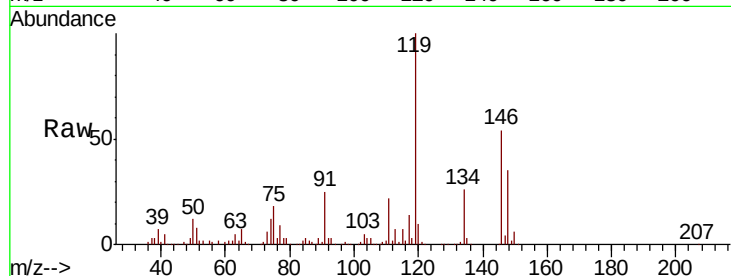




#87
 1,3-Dichlorobenzene
 Concen: 47.664 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

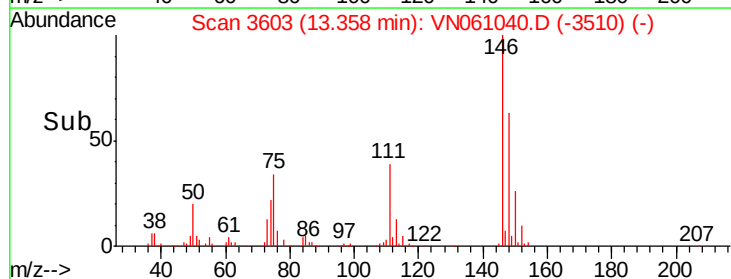
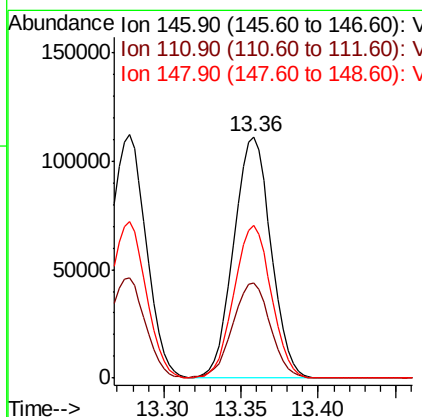
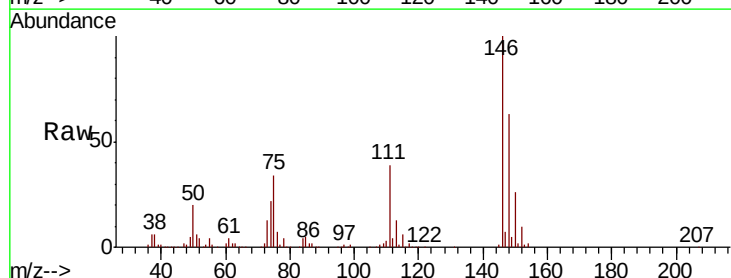
Instrument :
 MSVOA_N
 ClientSampled :

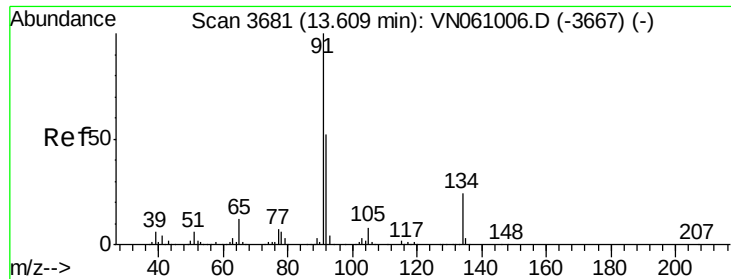
Tot Ion:146 Resp: 185206
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.468 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion:146 Resp: 185556
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.3
 148 63.4 32.1 96.3

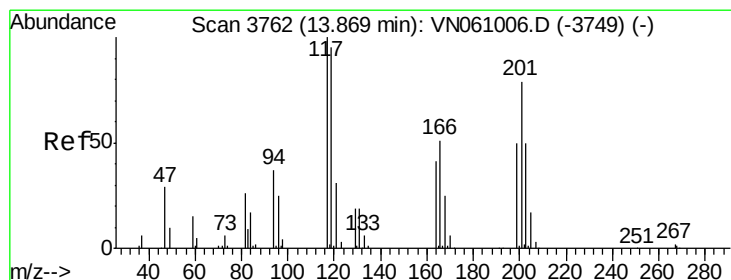
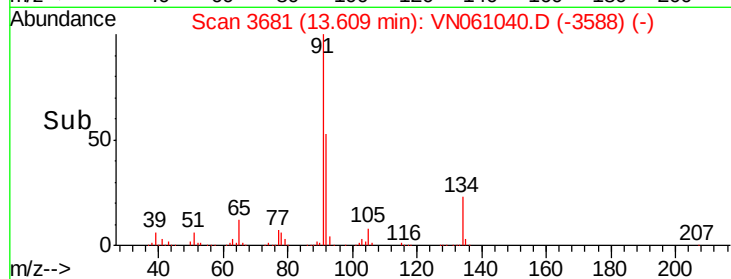
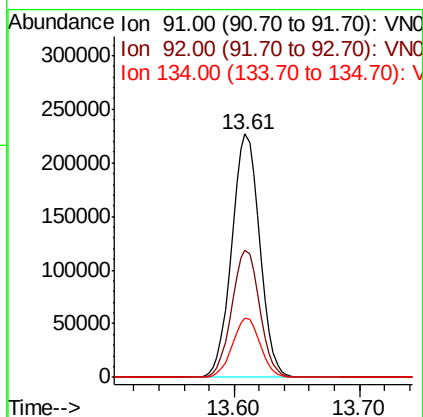
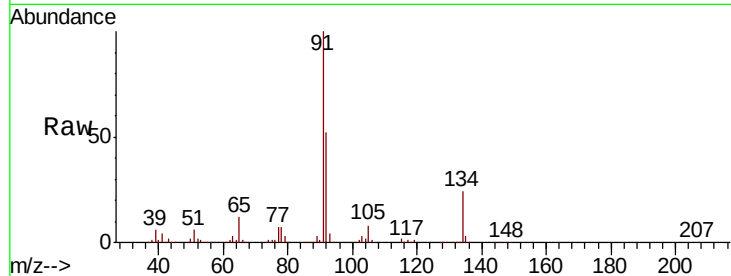




#89
n-Butylbenzene
Concen: 48.079 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

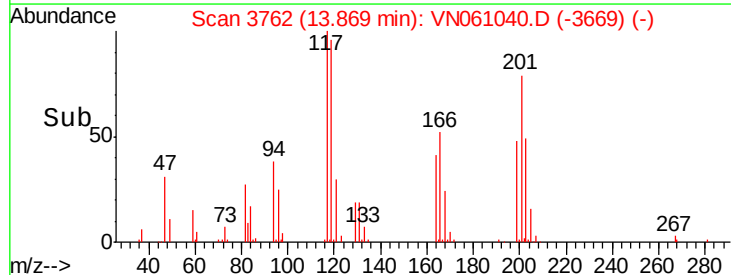
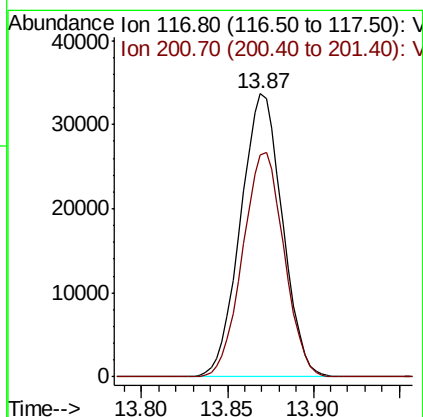
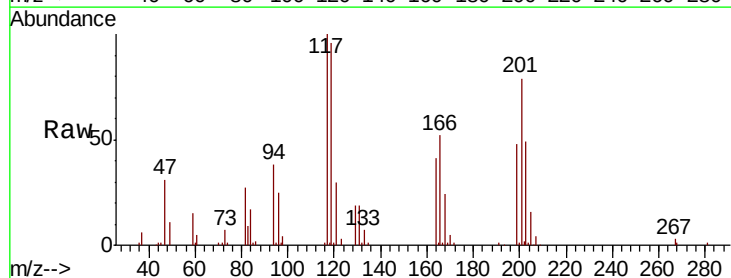
Instrument :
MSVOA_N
ClientSampleId :

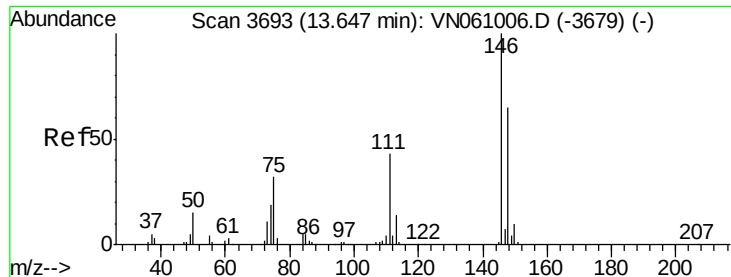
Tot Ion: 91 Resp: 350170
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 47.256 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061040.D
Acq: 17 Apr 2020 10:53

Tgt Ion: 117 Resp: 56784
Ion Ratio Lower Upper
117 100
201 78.4 39.3 117.9

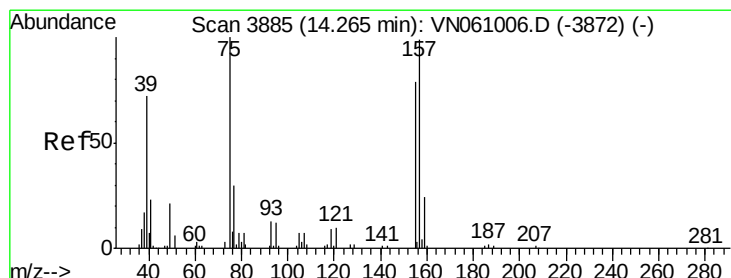
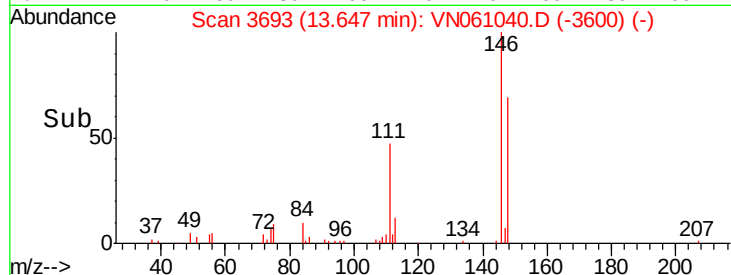
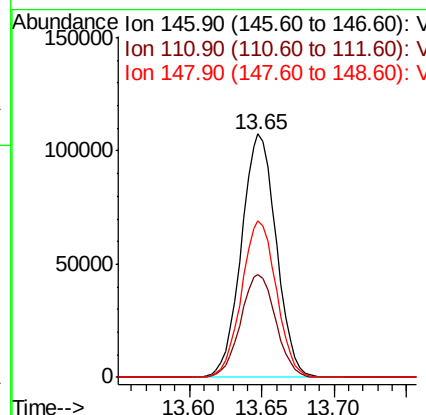
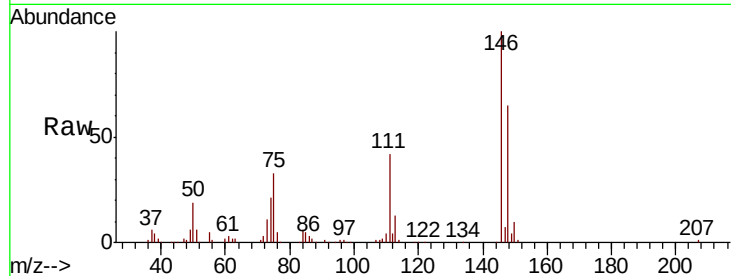




#91
 1,2-Dichlorobenzene
 Concen: 48.303 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

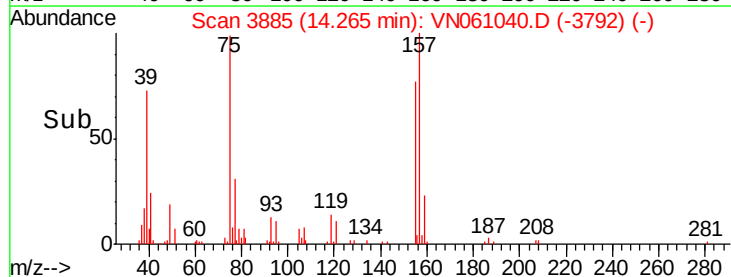
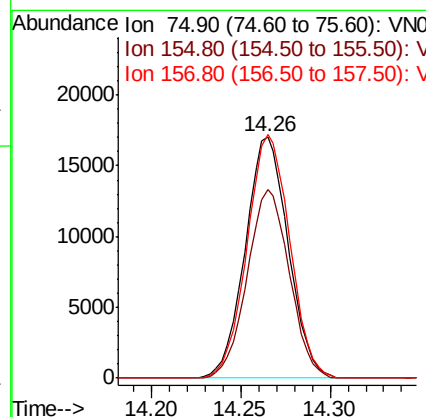
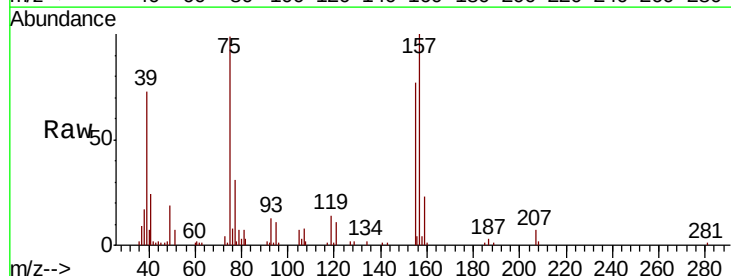
Instrument :
 MSVOA_N
 ClientSampled :

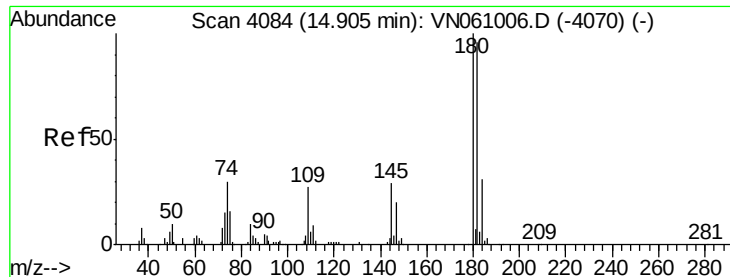
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	64.0
148	64.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.080 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.5	39.5	118.5
157	100.1	50.1	150.4

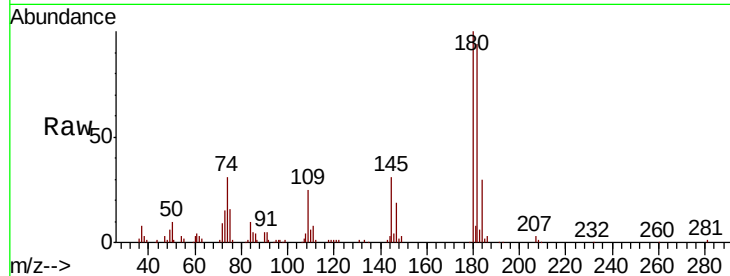




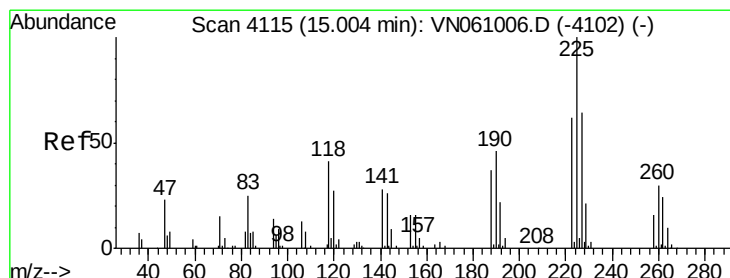
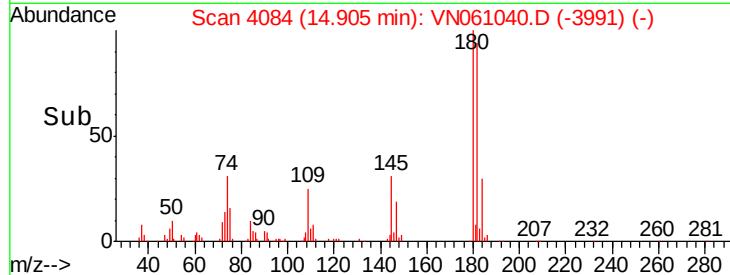
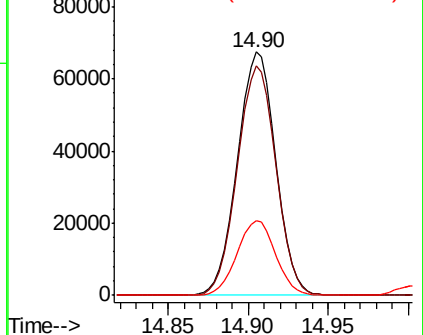
#93
 1,2,4-Trichlorobenzene
 Concen: 50.116 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.3
145	30.8	15.3	45.8

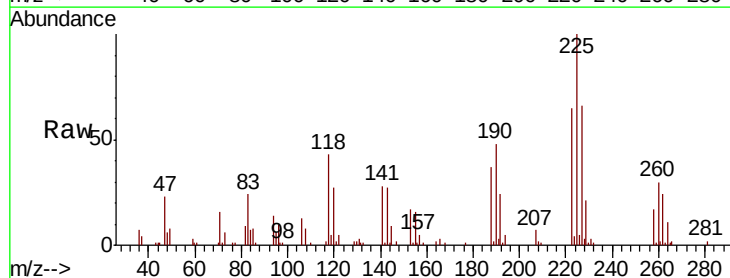


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

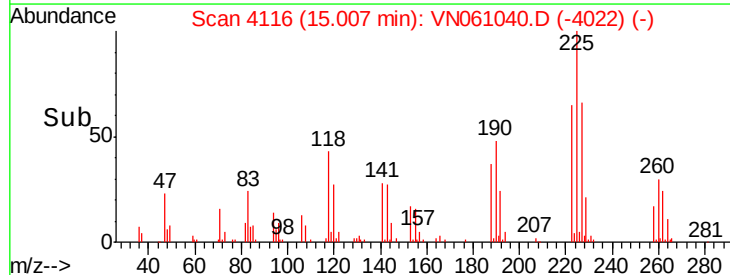
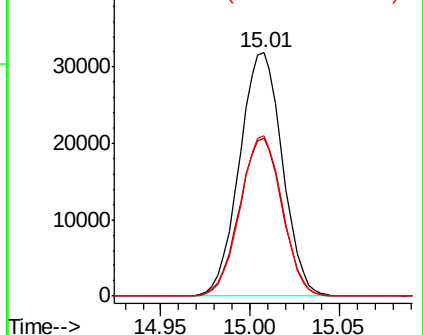


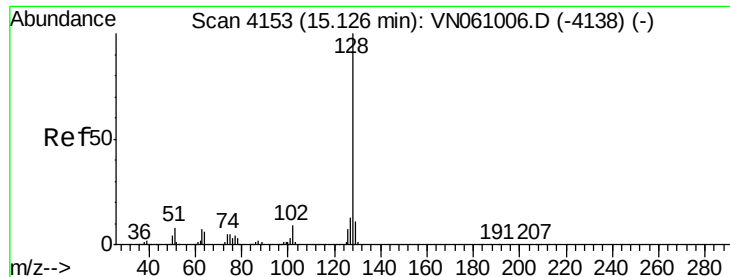
#94
 Hexachlorobutadiene
 Concen: 47.358 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN061040.D
 Acq: 17 Apr 2020 10:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.3	93.8
227	64.5	31.9	95.5



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





#95

Naphthalene

Concen: 50.995 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

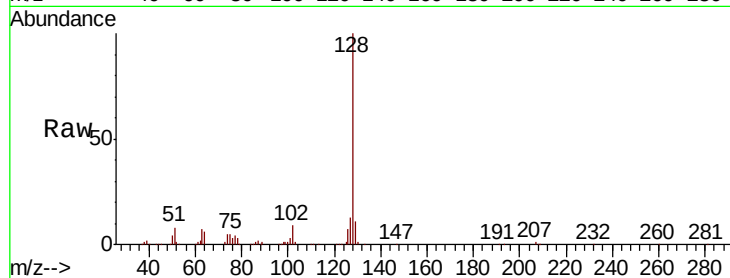
Tot Ion:128 Resp: 326449

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 13.0

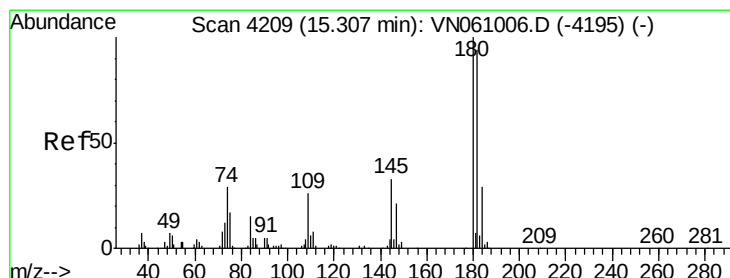
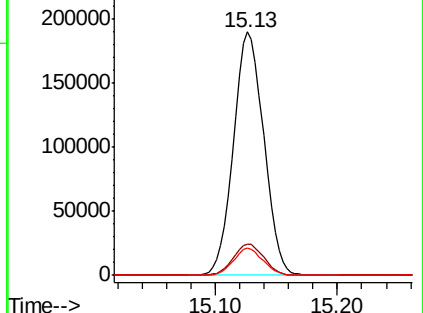
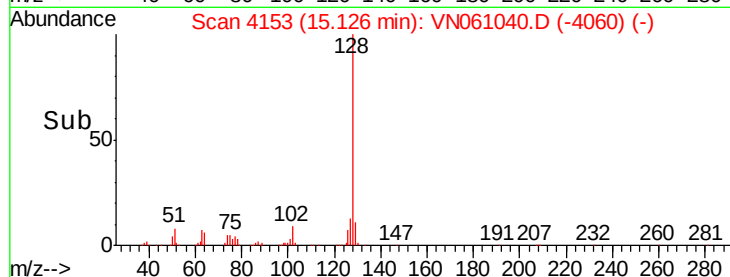


Abundance

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: 49.934 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061040.D

Acq: 17 Apr 2020 10:53

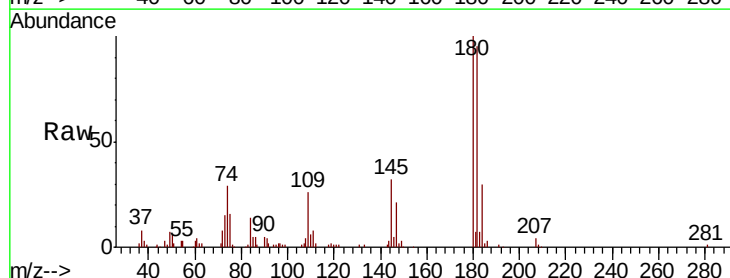
Tgt Ion:180 Resp: 105628

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.8

145 32.0 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

