

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061090.D
 Acq On : 18 Apr 2020 6:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 20 01:45:00 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	148539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	255410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	233974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110960	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	95629	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	
35) Dibromofluoromethane	7.56	113	72875	48.86	ug/l	0.00
Spiked Amount						
			Recovery	=	97.72%	
50) Toluene-d8	10.08	98	266797	47.34	ug/l	0.00
Spiked Amount						
			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.39	95	106765	48.33	ug/l	0.00
Spiked Amount						
			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	97763	49.797	ug/l	100
3) Chloromethane	2.04	50	132708	50.373	ug/l	100
4) Vinyl Chloride	2.17	62	112308	51.298	ug/l	99
5) Bromomethane	2.54	94	54726	49.846	ug/l	99
6) Chloroethane	2.68	64	65426	51.806	ug/l	99
7) Trichlorofluoromethane	3.00	101	140587	51.580	ug/l	99
8) Diethyl Ether	3.38	74	56245	51.921	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	78539	49.114	ug/l	99
10) Methyl Iodide	3.93	142	76488	54.218	ug/l	99
11) Tert butyl alcohol	4.72	59	89313	264.873	ug/l	100
12) 1,1-Dichloroethene	3.72	96	81816	50.333	ug/l	98
13) Acrolein	3.57	56	64577	226.820	ug/l	99
14) Allyl chloride	4.29	41	145152	47.195	ug/l	99
15) Acrylonitrile	4.94	53	254285	278.134	ug/l	98
16) Acetone	3.78	43	208148	248.835	ug/l	99
17) Carbon Disulfide	4.03	76	249982	49.147	ug/l	99
18) Methyl Acetate	4.28	43	151130	57.616	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	290584	51.269	ug/l	98
20) Methylene Chloride	4.52	84	91960	50.352	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	87833	50.520	ug/l	98
22) Diisopropyl ether	5.91	45	336335	52.655	ug/l	99
23) Vinyl Acetate	5.86	43	1295582	258.653	ug/l	100
24) 1,1-Dichloroethane	5.82	63	177550	51.465	ug/l	100
25) 2-Butanone	6.79	43	339371	264.760	ug/l	99
26) 2,2-Dichloropropane	6.79	77	104612	36.419	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	101252	50.728	ug/l	97
28) Bromochloromethane	7.17	49	80653	50.930	ug/l	98
29) Tetrahydrofuran	7.18	42	233773	268.641	ug/l	99
30) Chloroform	7.35	83	164523	51.129	ug/l	98
31) Cyclohexane	7.63	56	169030	47.747	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	141523	50.846	ug/l	99
36) 1,1-Dichloropropene	7.77	75	129149	49.001	ug/l	100
37) Ethyl Acetate	6.89	43	144905	50.634	ug/l	100
38) Carbon Tetrachloride	7.75	117	113169	51.586	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	151825	48.183	ug/l	99
40) Benzene	8.02	78	385582	49.314	ug/l	99
41) Methacrylonitrile	7.17	41	207862	174.136	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	134739	50.586	ug/l	100
43) Isopropyl Acetate	8.14	43	239960	51.555	ug/l	99
44) Trichloroethene	8.81	130	94420	48.059	ug/l	100
45) 1,2-Dichloropropane	9.10	63	105817	50.105	ug/l	99
46) Dibromomethane	9.19	93	63638	52.263	ug/l	99
47) Bromodichloromethane	9.38	83	131794	51.236	ug/l	99
48) Methyl methacrylate	9.18	41	108524	52.761	ug/l	98
49) 1,4-Dioxane	9.18	88	30273	1059.145	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	719307	268.086	ug/l	100
52) Toluene	10.14	92	231465	49.346	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	143006	47.861	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	157046	48.172	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	89163	50.230	ug/l	95
56) Ethyl methacrylate	10.42	69	147638	52.892	ug/l	99
57) 1,3-Dichloropropane	10.69	76	159286	50.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	337909	266.410	ug/l	99
59) 2-Hexanone	10.74	43	525578	271.615	ug/l	99
60) Dibromochloromethane	10.89	129	95114	52.161	ug/l	99
61) 1,2-Dibromoethane	10.99	107	93337	51.601	ug/l	98
64) Tetrachloroethene	10.62	164	90802	50.716	ug/l	99
65) Chlorobenzene	11.42	112	234880	48.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	85738	49.615	ug/l	99
67) Ethyl Benzene	11.50	91	446938	49.192	ug/l	99
68) m/p-Xylenes	11.61	106	327499	99.740	ug/l	99
69) o-Xylene	11.94	106	156565	49.593	ug/l	100
70) Styrene	11.96	104	261012	51.355	ug/l	100
71) Bromoform	12.12	173	68226	52.893	ug/l #	99
73) Isopropylbenzene	12.24	105	422780	47.559	ug/l	100
74) N-amyl acetate	12.06	43	203520	49.232	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	133947	49.361	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	176917	72.487	ug/l #	100
77) Bromobenzene	12.52	156	99994	48.177	ug/l	98
78) n-propylbenzene	12.58	91	503978	48.457	ug/l	99
79) 2-Chlorotoluene	12.67	91	293753	48.157	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	356888	48.570	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	42930	43.386	ug/l	99
82) 4-Chlorotoluene	12.77	91	308617	48.782	ug/l	99
83) tert-Butylbenzene	12.99	119	298071	48.236	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	355487	48.944	ug/l	100
85) sec-Butylbenzene	13.17	105	406277	48.524	ug/l	100
86) p-Isopropyltoluene	13.28	119	362084	48.565	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	178222	48.182	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	178367	47.932	ug/l	100
89) n-Butylbenzene	13.61	91	337417	48.667	ug/l	99
90) Hexachloroethane	13.87	117	55883	48.854	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	171707	48.637	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	28453	54.178	ug/l	95

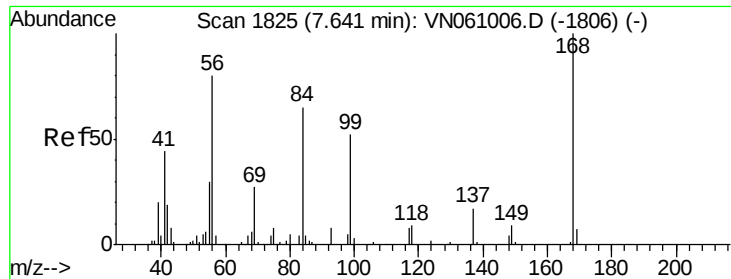
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	106868	51.144	ug/l	100
94) Hexachlorobutadiene	15.00	225	48936	45.525	ug/l	99
95) Naphthalene	15.13	128	321228	52.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	103557	51.426	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

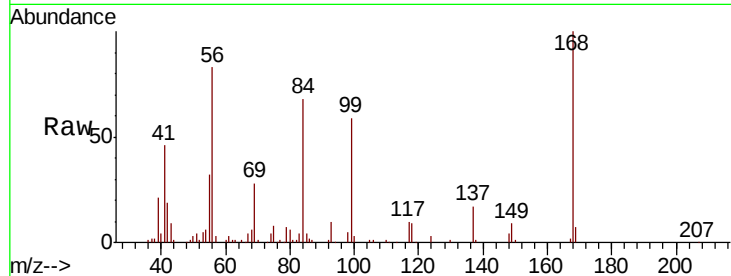
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 148539

Ion Ratio Lower Upper

168 100

99 59.4 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

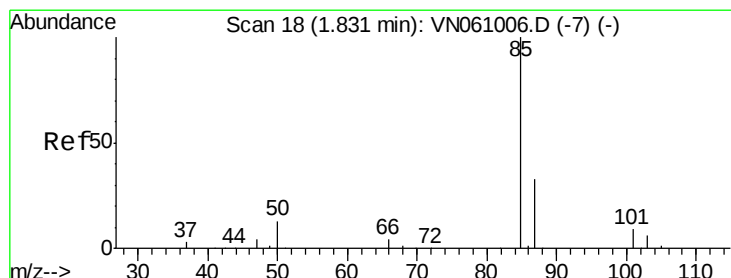
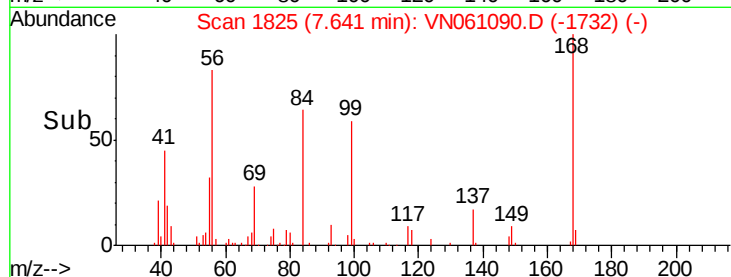
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 49.797 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061090.D

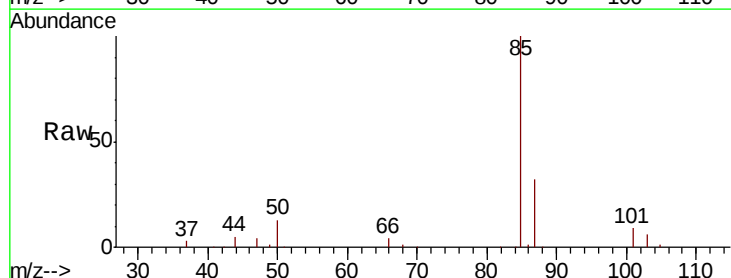
Acq: 18 Apr 2020 6:53

Tgt Ion: 85 Resp: 97763

Ion Ratio Lower Upper

85 100

87 32.5 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

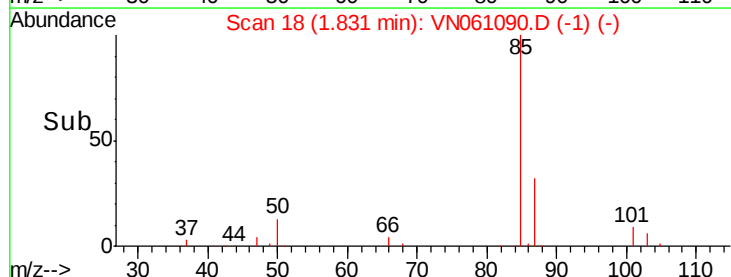
40000

20000

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1.80 1.85 1.90

Time-->

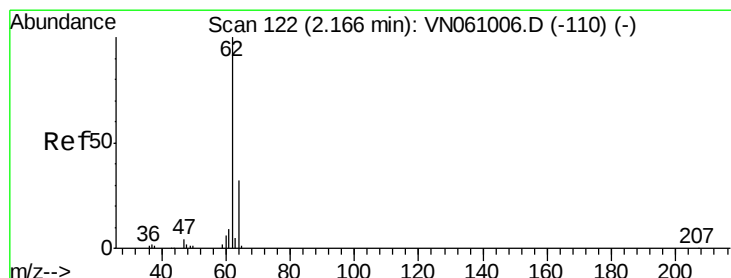
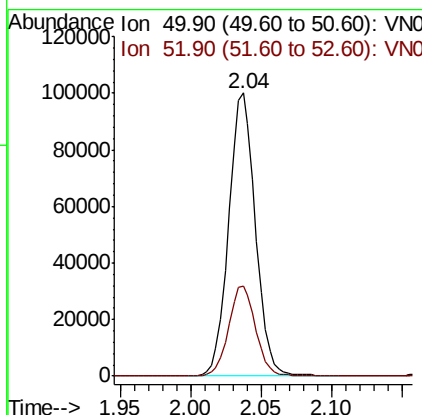
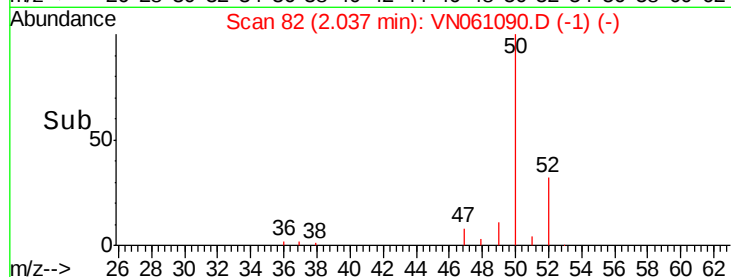
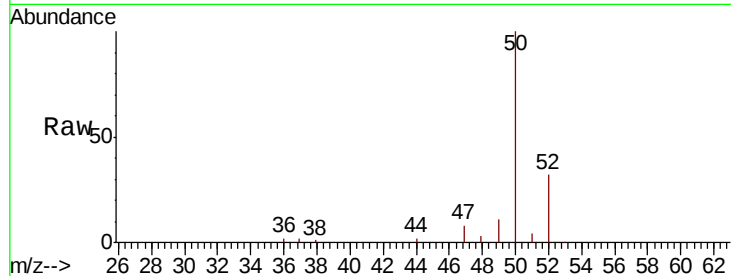




#3
Chloromethane
Concen: 50.373 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

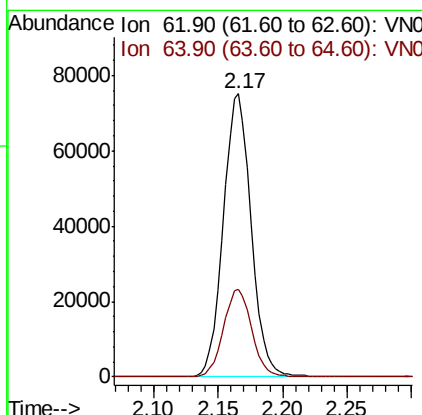
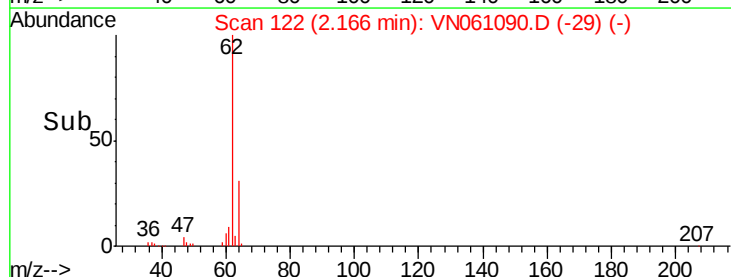
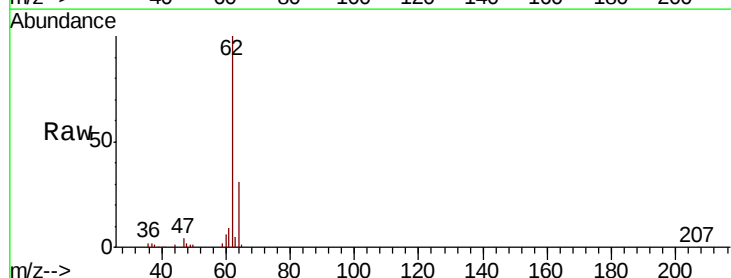
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

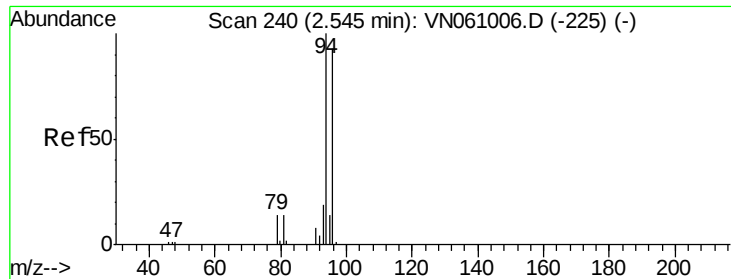
Tot Ion: 50 Resp: 132708
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 51.298 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 62 Resp: 112308
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5

Bromomethane

Concen: 49.846 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

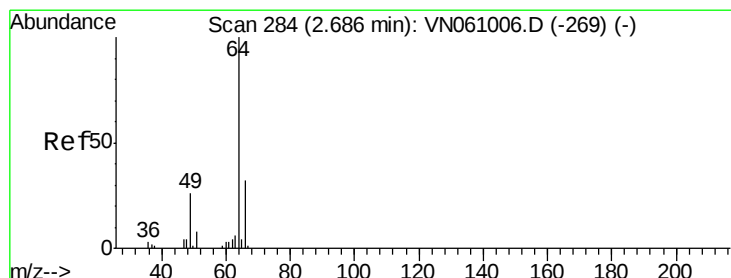
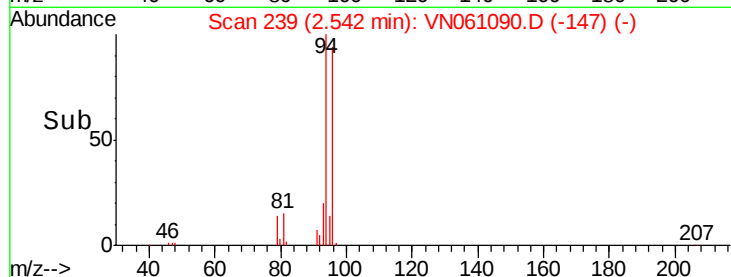
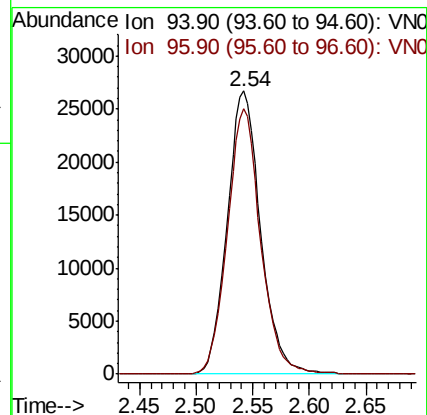
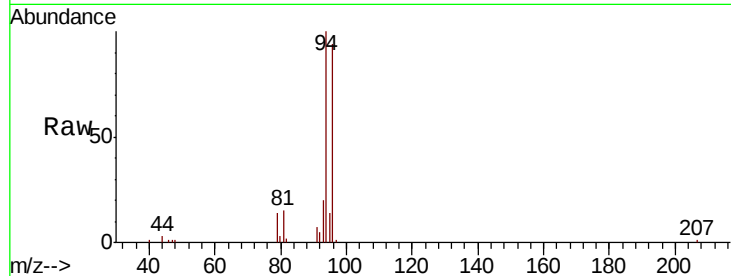
VSTDCCC050EC

Tot Ion: 94 Resp: 54726

Ion Ratio Lower Upper

94 100

96 93.6 74.3 111.5



#6

Chloroethane

Concen: 51.806 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061090.D

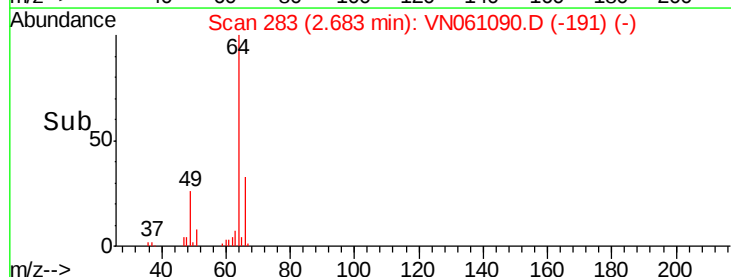
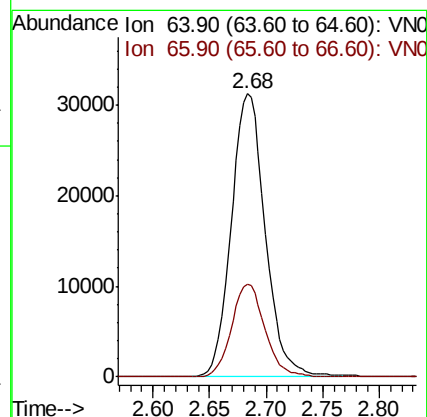
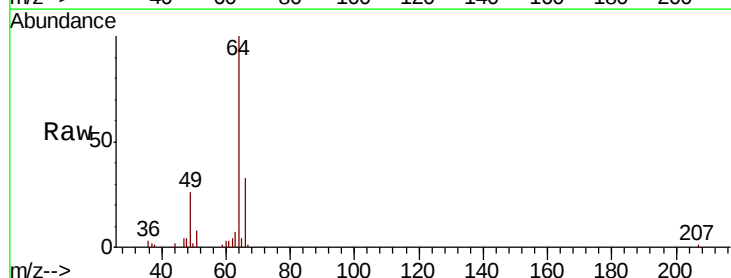
Acq: 18 Apr 2020 6:53

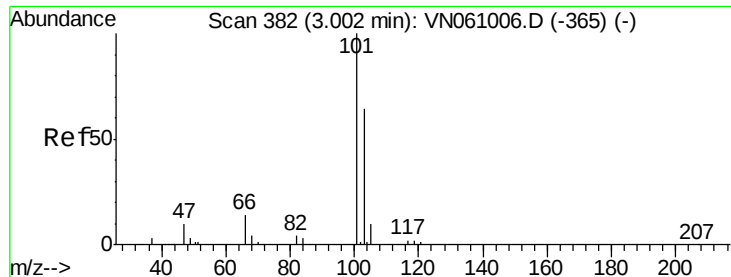
Tgt Ion: 64 Resp: 65426

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.8



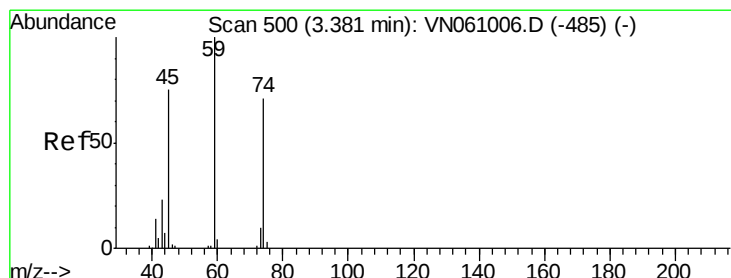
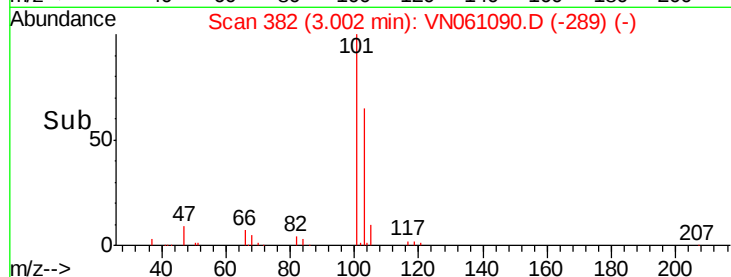
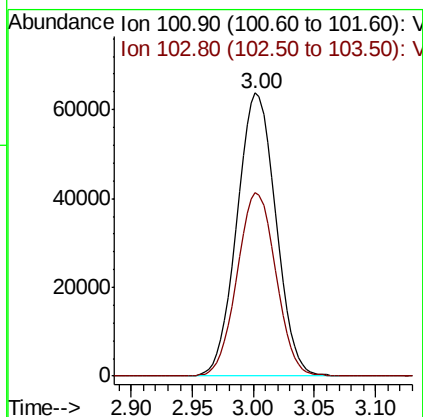
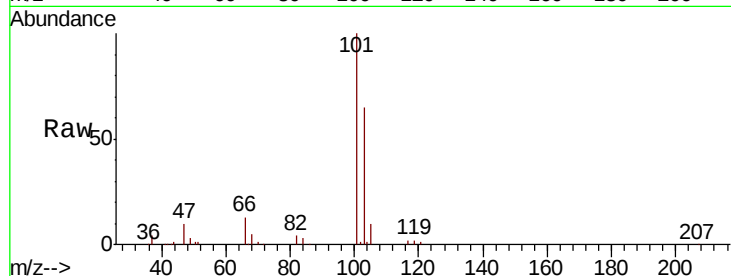


#7

Trichlorofluoromethane
 Concen: 51.580 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
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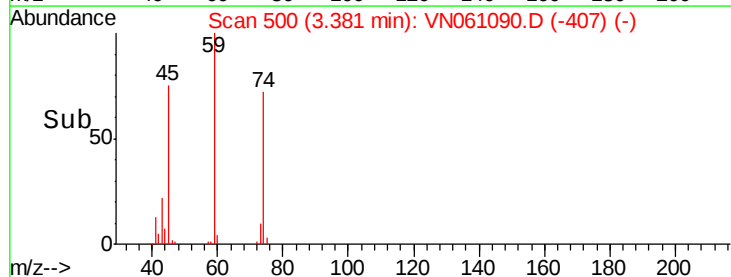
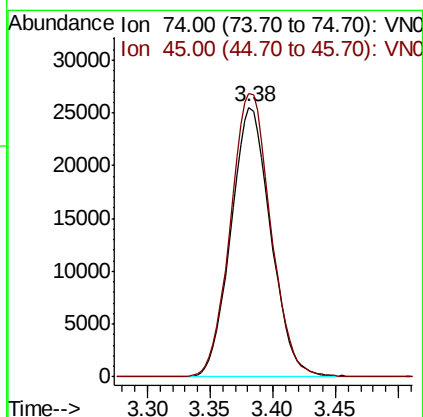
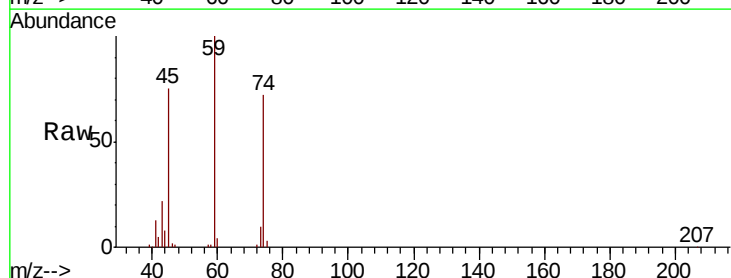
Tot Ion:101 Resp: 140587
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2

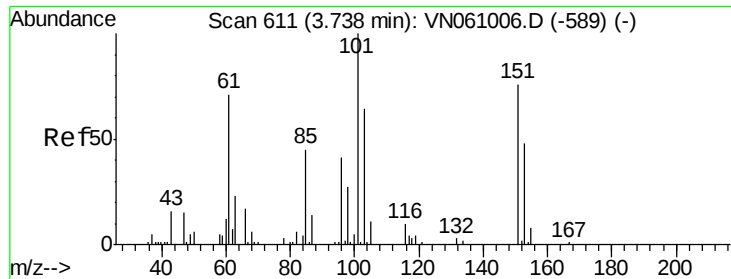


#8

Diethyl Ether
 Concen: 51.921 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 74 Resp: 56245
 Ion Ratio Lower Upper
 74 100
 45 106.7 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.114 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

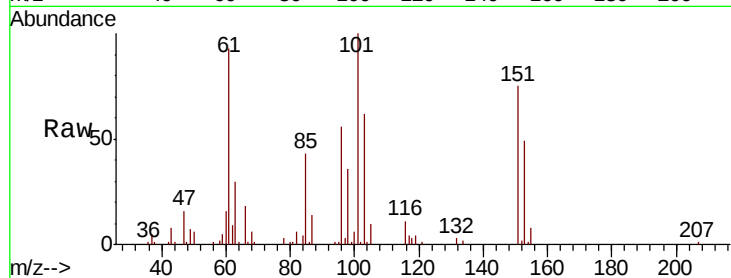
Tot Ion:101 Resp: 78539

Ion Ratio Lower Upper

101 100

85 45.7 35.9 53.9

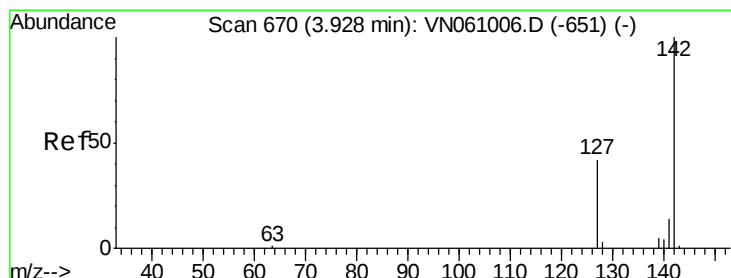
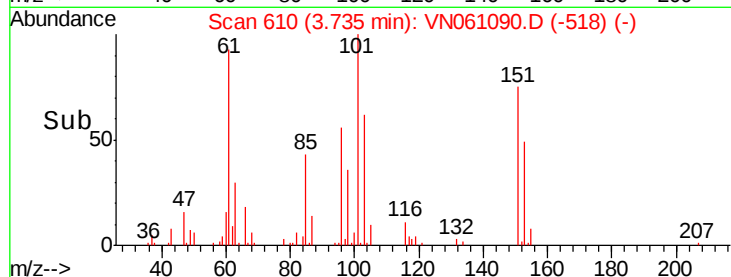
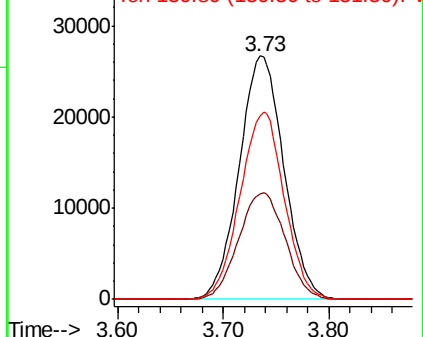
151 76.2 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.218 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

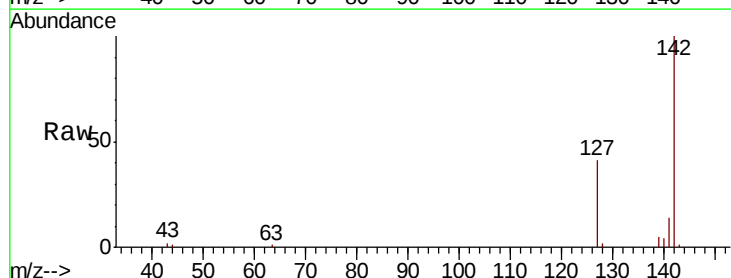
Tgt Ion:142 Resp: 76488

Ion Ratio Lower Upper

142 100

127 42.1 33.4 50.2

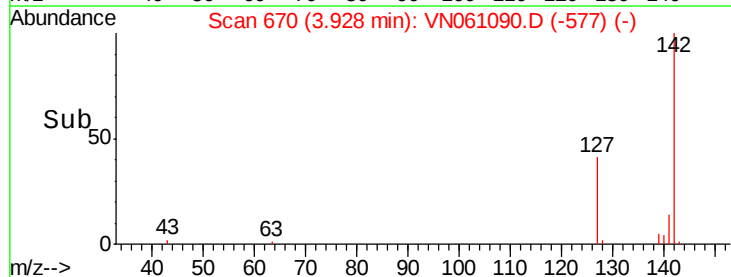
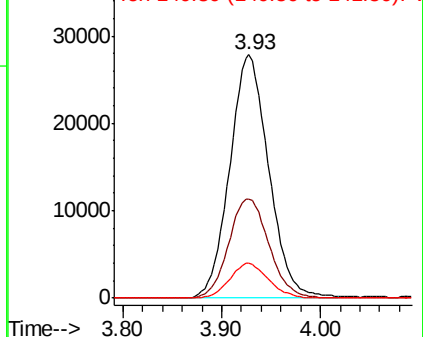
141 14.1 11.0 16.6

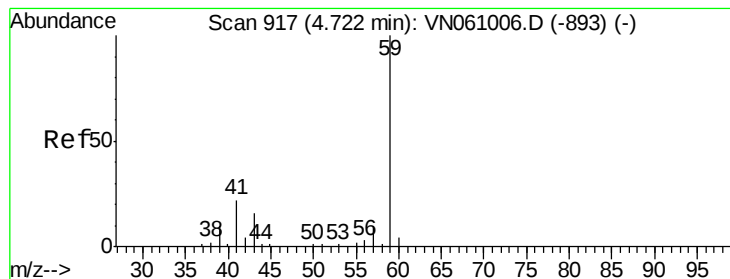


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



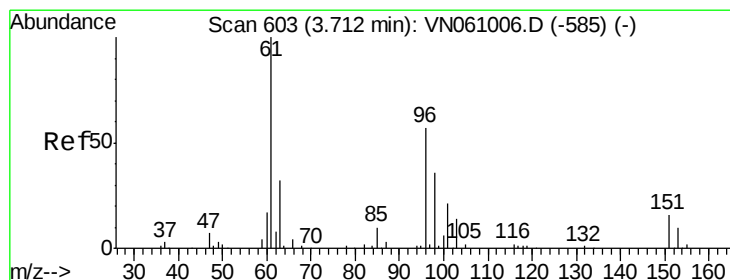
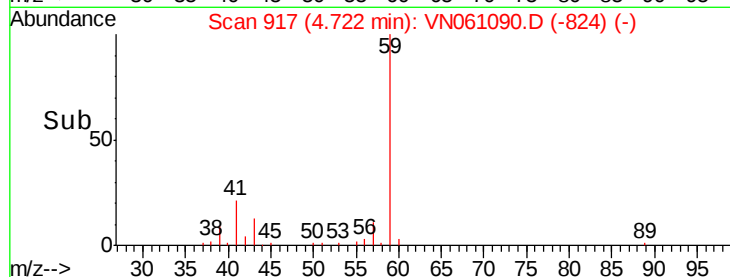
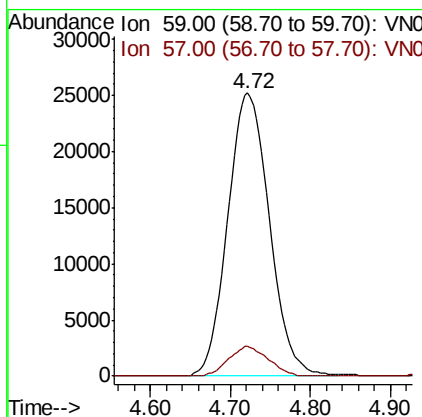
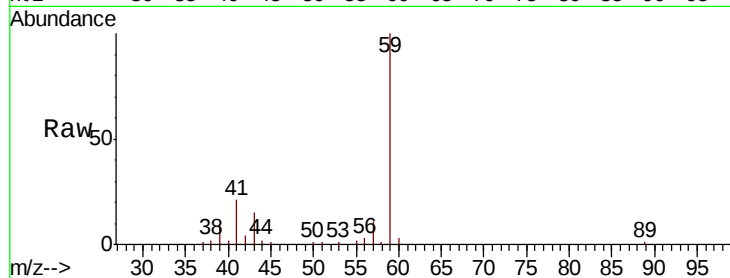


#11

Tert butyl alcohol
 Concen: 264.873 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

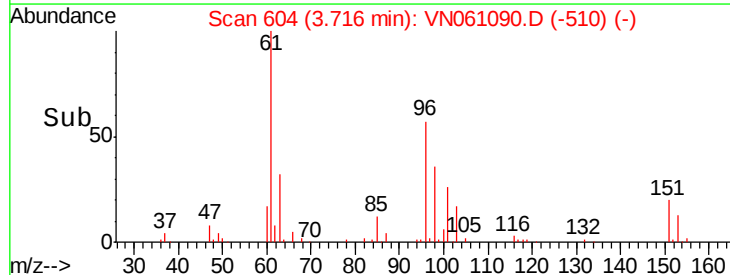
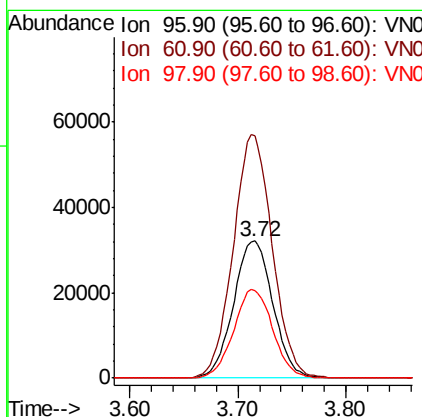
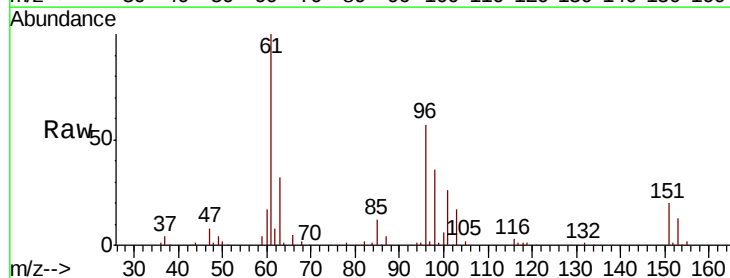
Tot Ion: 59 Resp: 89313
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.1 12.1

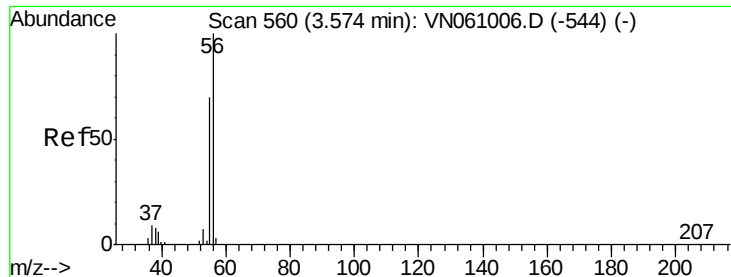


#12

1,1-Dichloroethene
 Concen: 50.333 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 96 Resp: 81816
 Ion Ratio Lower Upper
 96 100
 61 176.8 139.2 208.8
 98 64.4 50.0 75.0





#13

Acrolein

Concen: 226.820 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

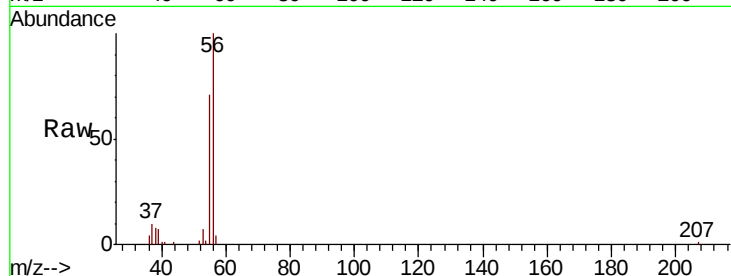
VSTDCCC050EC

Tot Ion: 56 Resp: 64577

Ion Ratio Lower Upper

56 100

55 71.8 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) (-)

3.57

25000

20000

15000

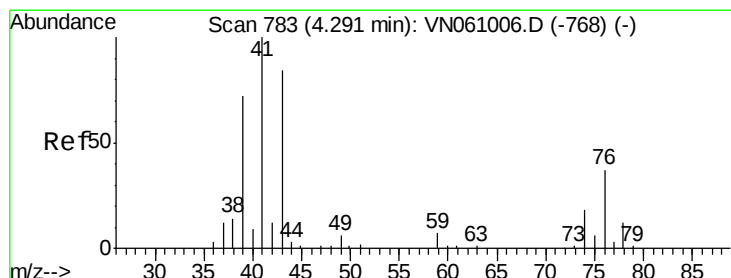
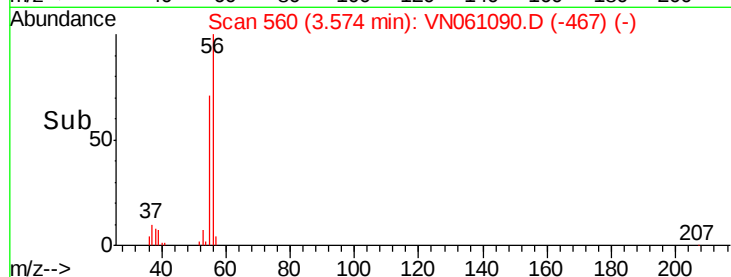
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 47.195 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

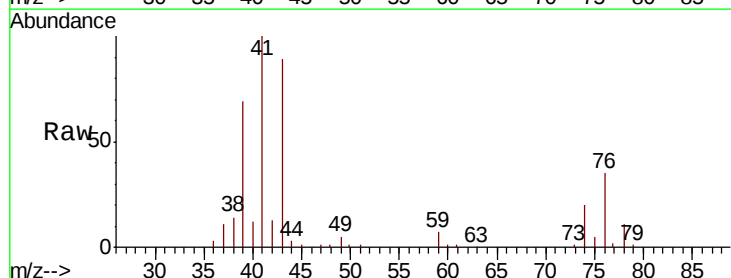
Tgt Ion: 41 Resp: 145152

Ion Ratio Lower Upper

41 100

39 71.1 56.3 84.5

76 34.2 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) (-)

4.29

60000

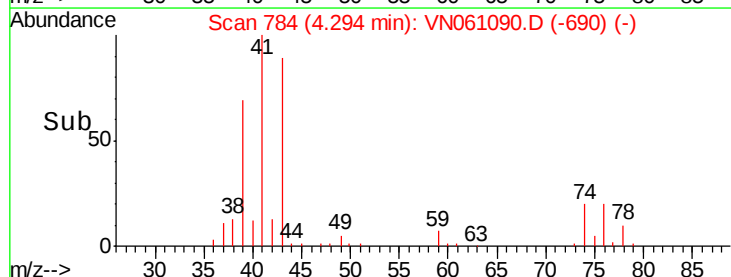
40000

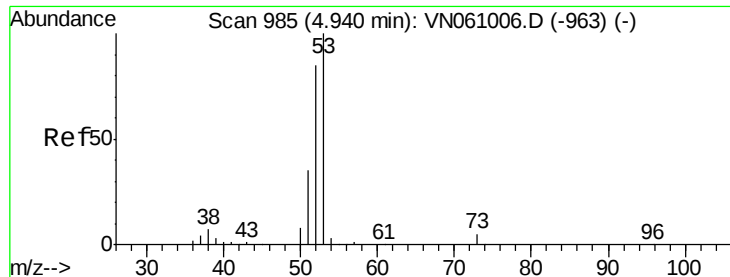
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 278.134 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

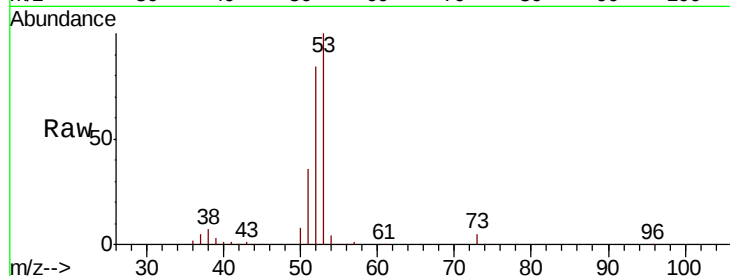
Tot Ion: 53 Resp: 254285

Ion Ratio Lower Upper

53 100

52 81.7 66.8 100.2

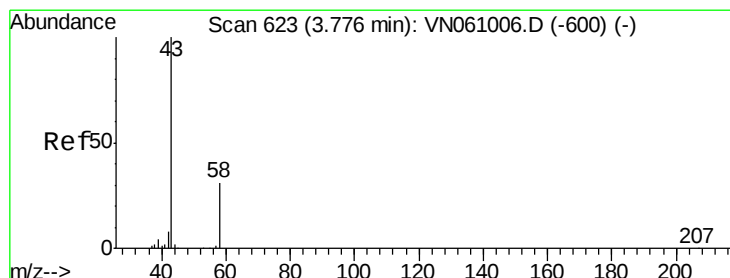
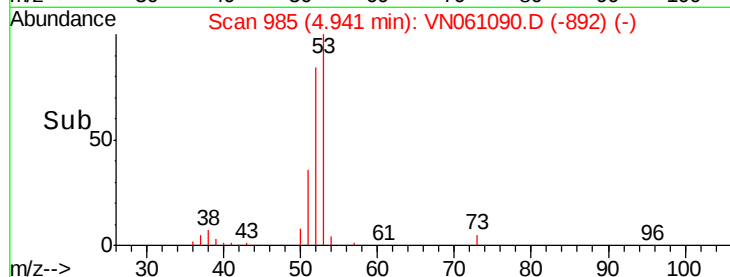
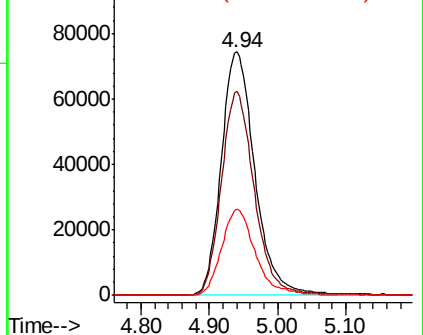
51 35.7 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061090.D (-892) (-)

Ion 52.00 (51.70 to 52.70): VN061090.D (-892) (-)

Ion 51.00 (50.70 to 51.70): VN061090.D (-892) (-)



#16

Acetone

Concen: 248.835 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061090.D

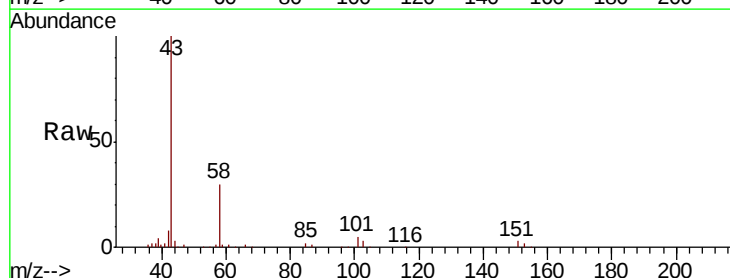
Acq: 18 Apr 2020 6:53

Tgt Ion: 43 Resp: 208148

Ion Ratio Lower Upper

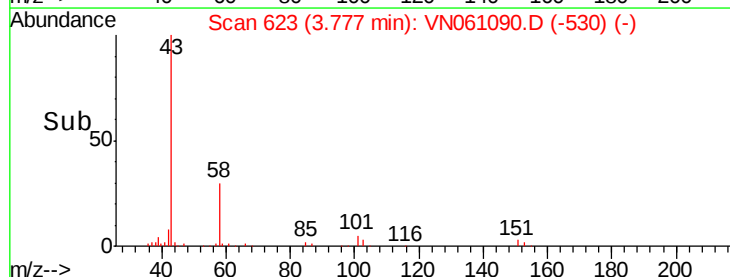
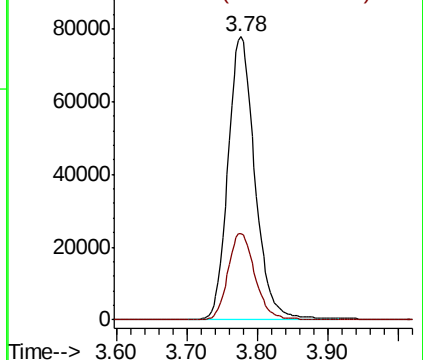
43 100

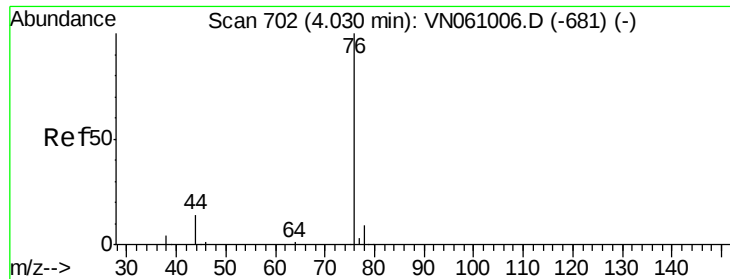
58 30.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061090.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN061090.D (-530) (-)

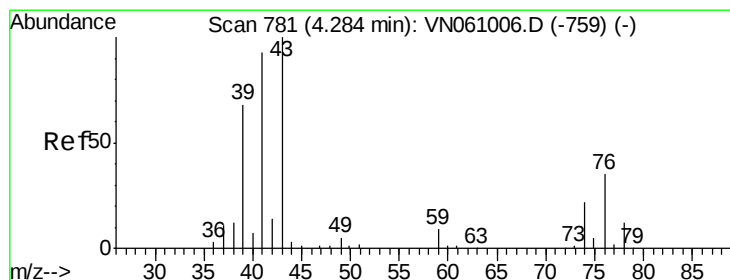
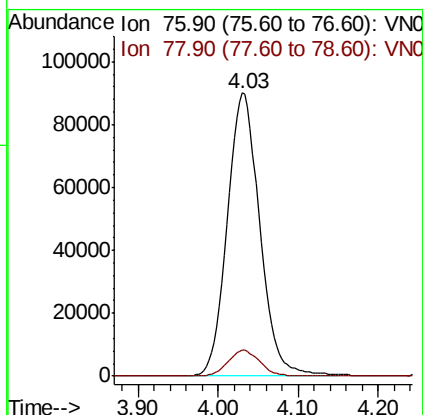
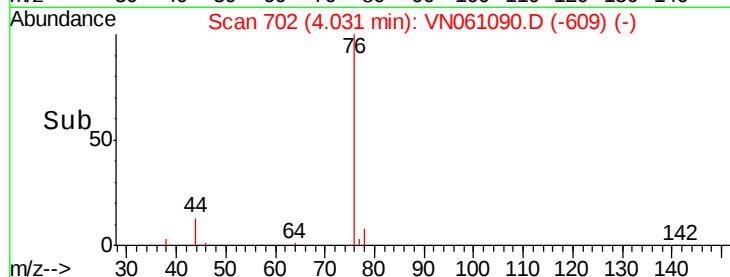
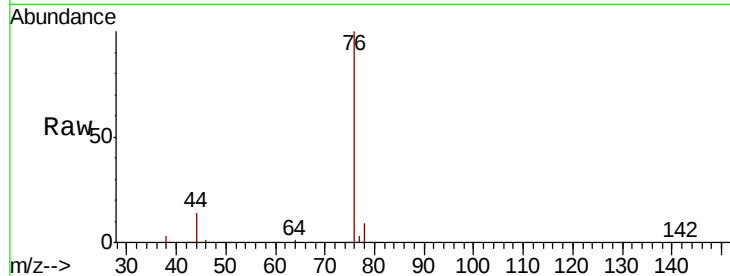




#17
Carbon Disulfide
Concen: 49.147 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

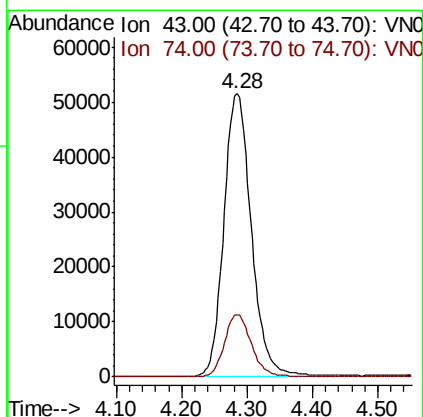
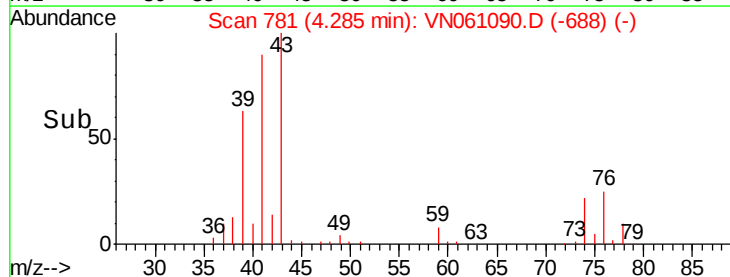
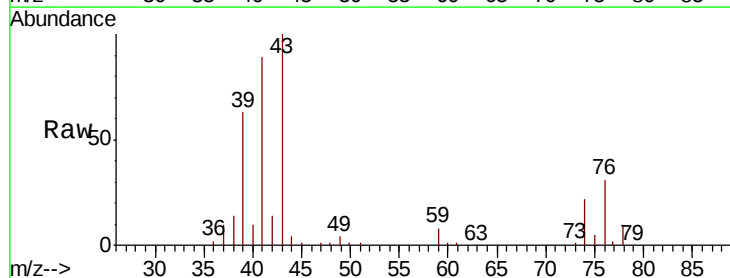
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

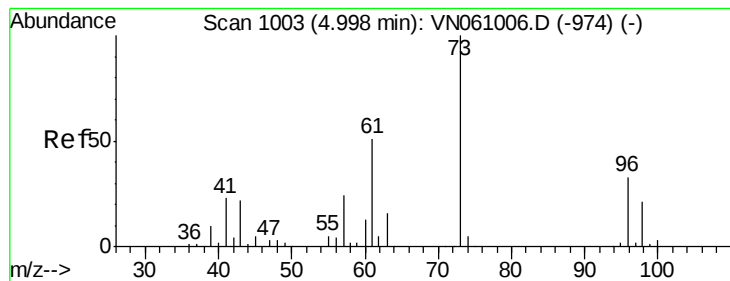
Tot Ion: 76 Resp: 249982
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 57.616 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 43 Resp: 151130
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0



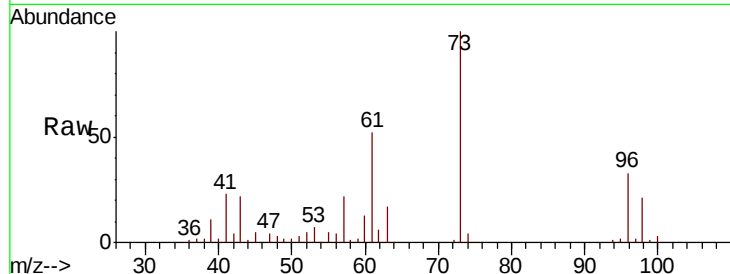


#19

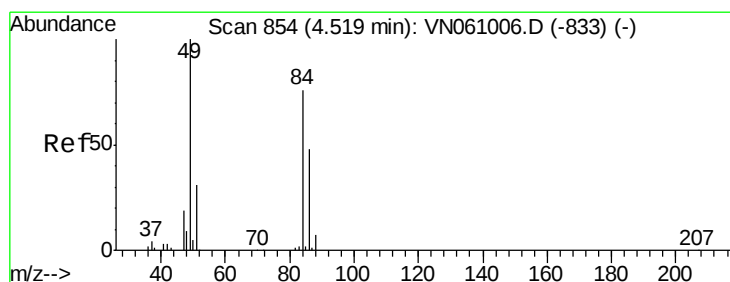
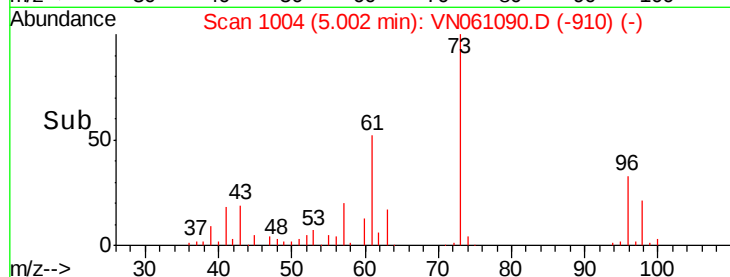
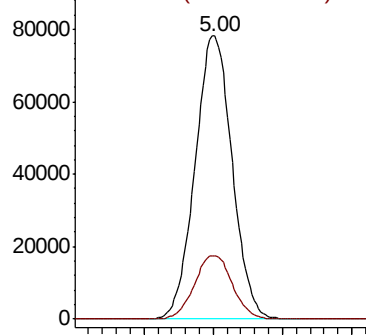
Methyl tert-butyl Ether
 Concen: 51.269 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 290584
 Ion Ratio Lower Upper
 73 100
 57 22.5 19.0 28.4



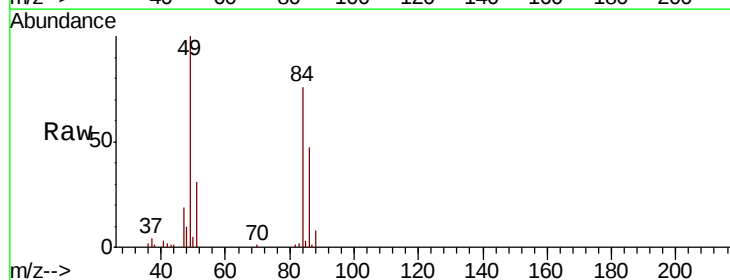
Abundance Ion 73.00 (72.70 to 73.70): VN061006.D
 Ion 57.00 (56.70 to 57.70): VN061006.D



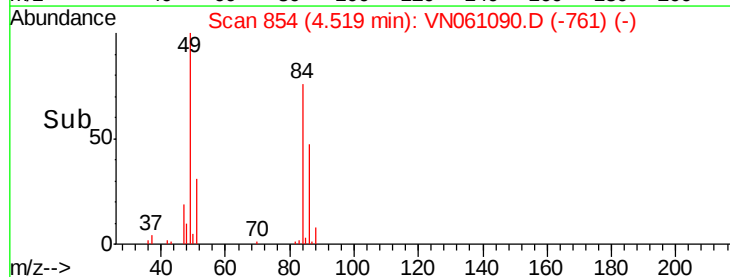
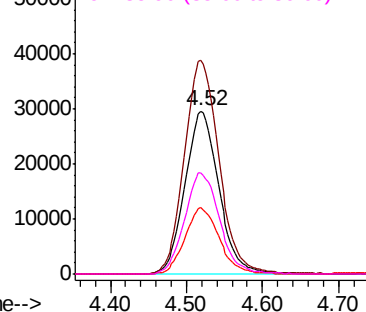
#20

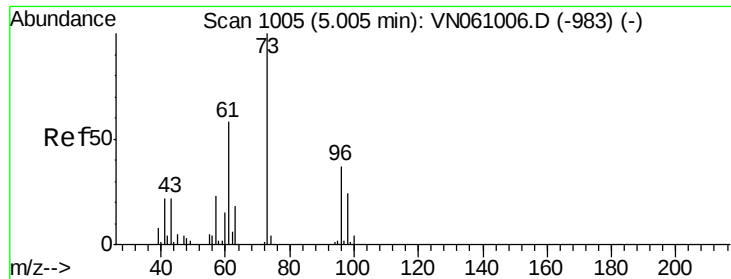
Methylene Chloride
 Concen: 50.352 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 84 Resp: 91960
 Ion Ratio Lower Upper
 84 100
 49 131.2 105.8 158.6
 51 40.6 32.4 48.6
 86 62.1 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: 50.520 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

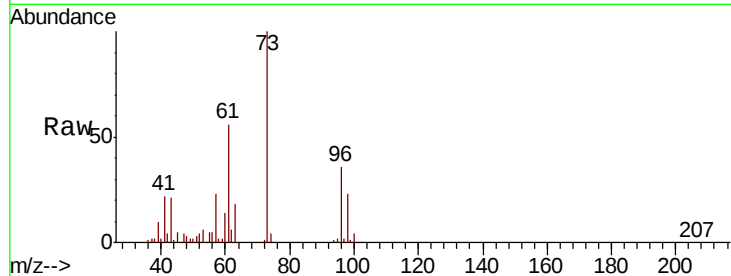
Tot Ion: 96 Resp: 87833

Ion Ratio Lower Upper

96 100

61 153.0 124.8 187.2

98 63.1 51.3 76.9

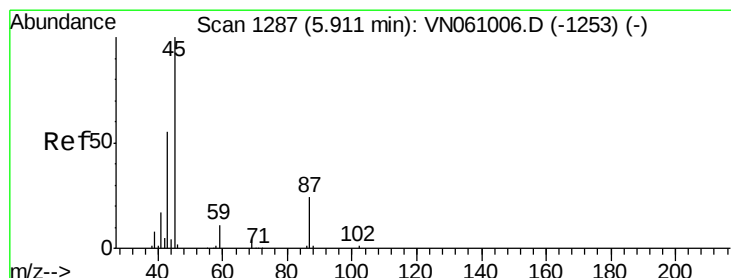
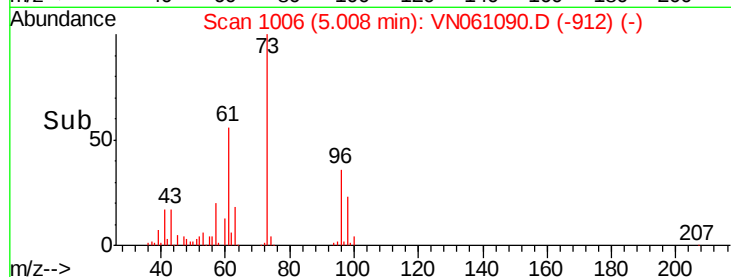
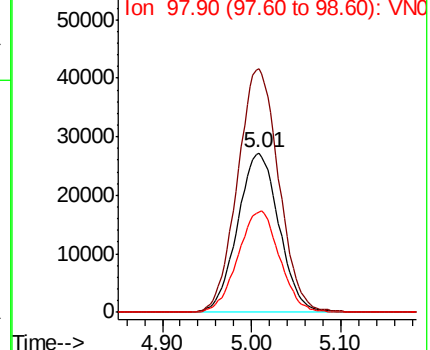


Abundance

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: 52.655 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Tgt Ion: 45 Resp: 336335

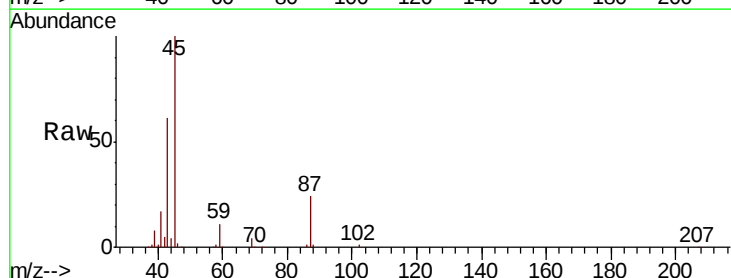
Ion Ratio Lower Upper

45 100

43 60.2 48.6 72.8

87 23.6 19.4 29.2

59 11.0 8.6 12.8



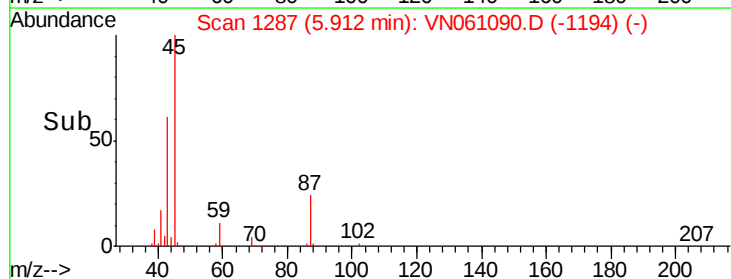
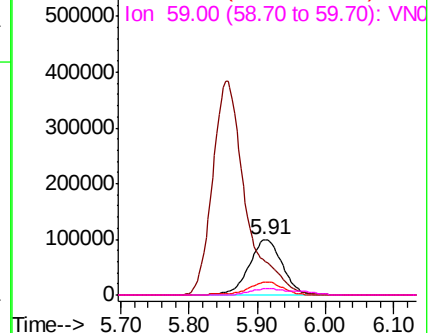
Abundance

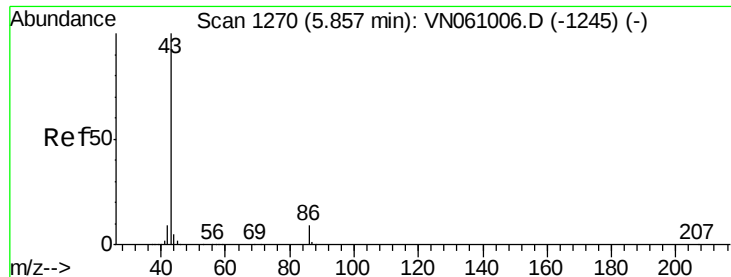
Ion 45.00 (44.70 to 45.70): VN0

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: 258.653 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

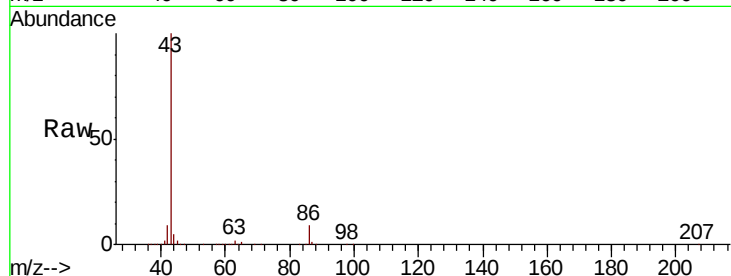
VSTDCCC050EC

Tot Ion: 43 Resp: 1295582

Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061090.D (-1177) (-)

Ion 86.00 (85.70 to 86.70): VN061090.D (-1177) (-)

5.86

400000

300000

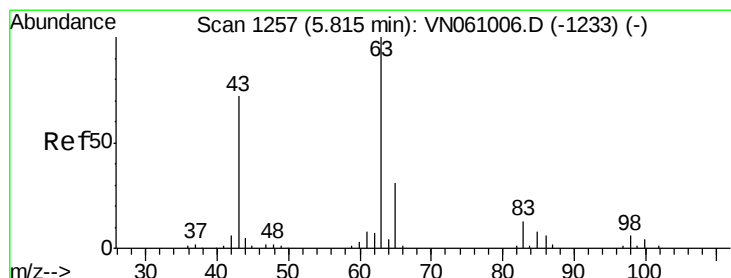
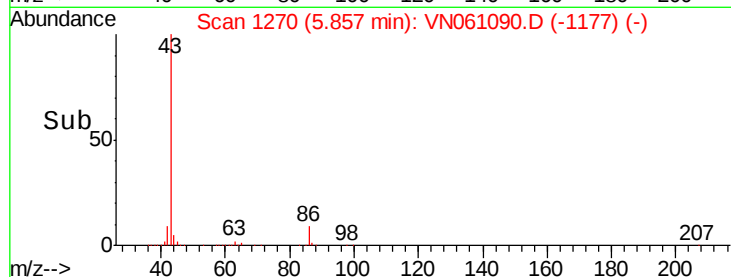
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.465 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

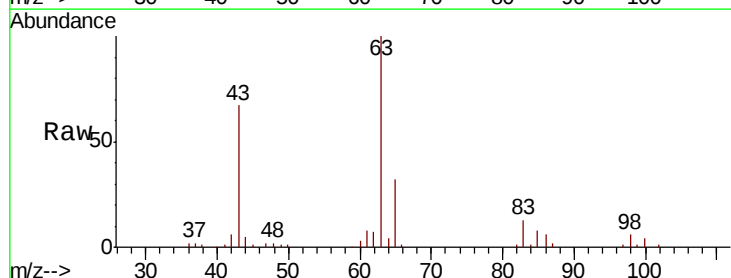
Tgt Ion: 63 Resp: 177550

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061090.D (-1164) (-)

Ion 97.90 (97.60 to 98.60): VN061090.D (-1164) (-)

Ion 99.90 (99.60 to 100.60): VN061090.D (-1164) (-)

5.82

60000

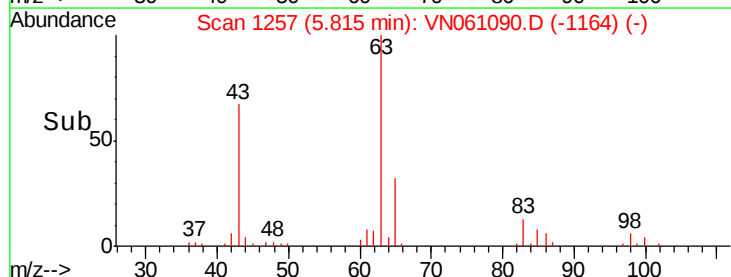
40000

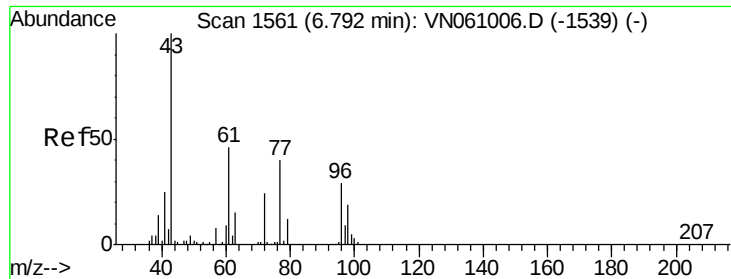
20000

0

5.70 5.80 5.90

Time-->

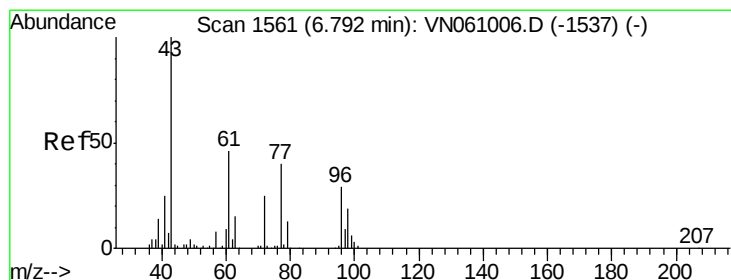
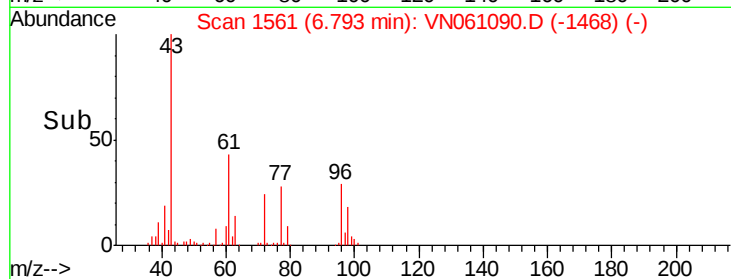
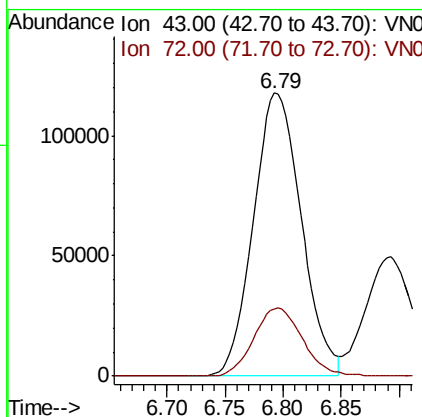
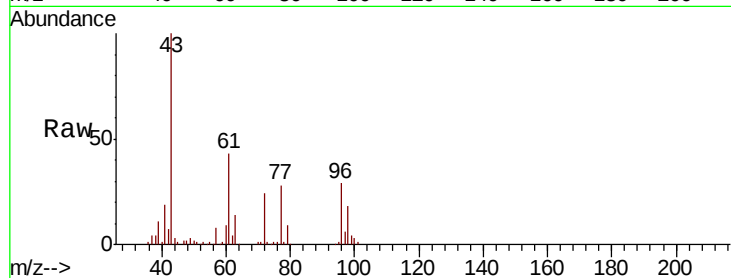




#25
2-Butanone
Concen: 264.760 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

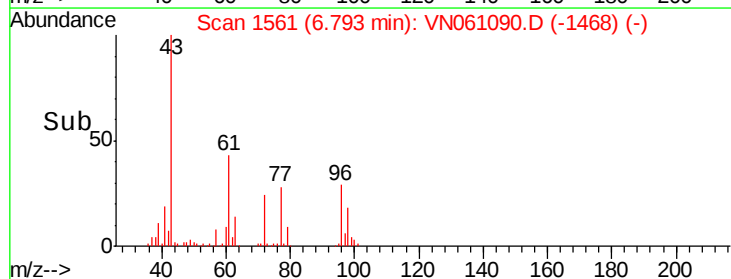
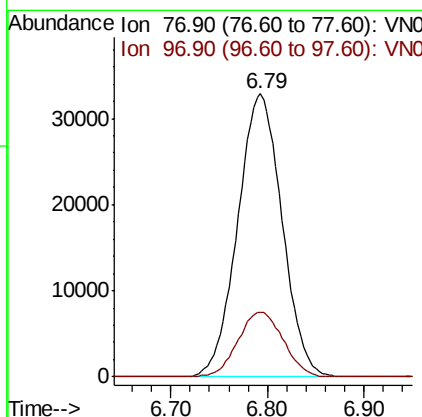
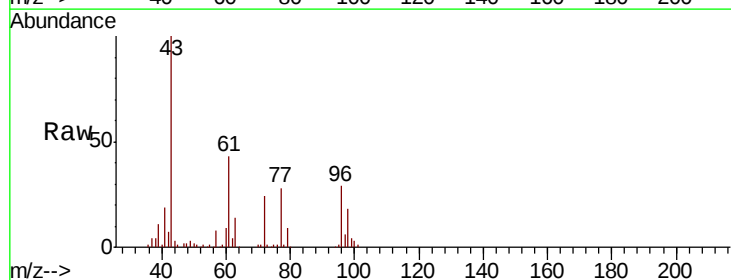
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 339371
Ion Ratio Lower Upper
43 100
72 23.9 19.6 29.4



#26
2,2-Dichloropropane
Concen: 36.419 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 77 Resp: 104612
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.728 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

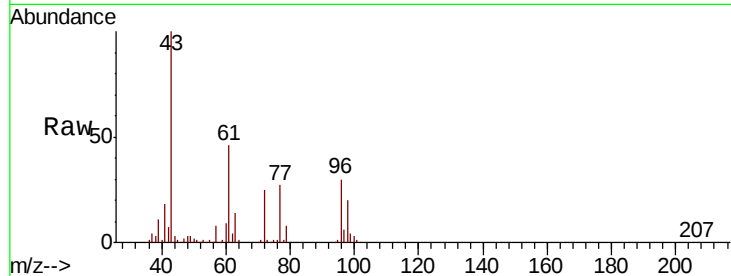
Tot Ion: 96 Resp: 101252

Ion Ratio Lower Upper

96 100

61 152.6 0.0 317.4

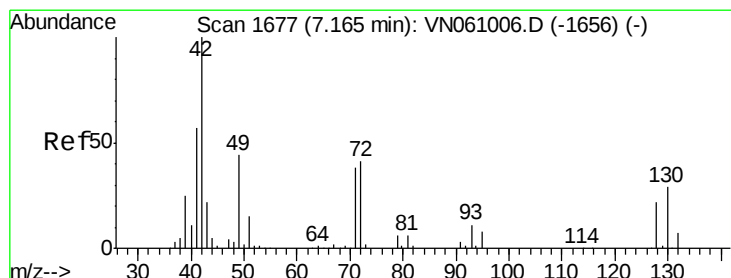
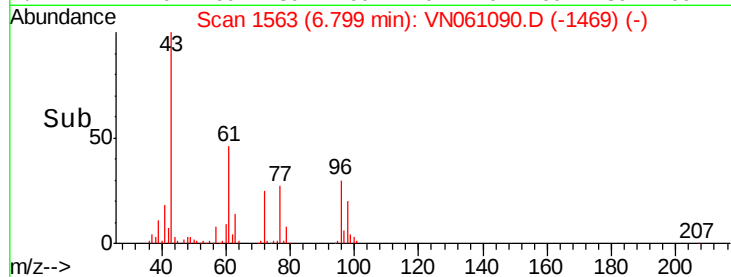
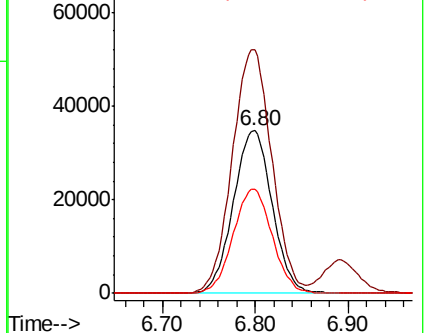
98 64.2 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN061090.D (-1469) (-)

Ion 60.90 (60.60 to 61.60): VN061090.D (-1469) (-)

Ion 97.90 (97.60 to 98.60): VN061090.D (-1469) (-)



#28

Bromochloromethane

Concen: 50.930 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

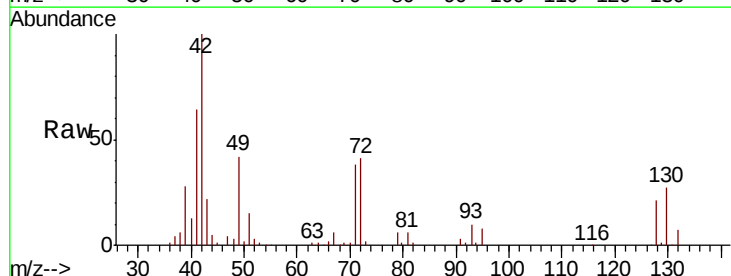
Tgt Ion: 49 Resp: 80653

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.0

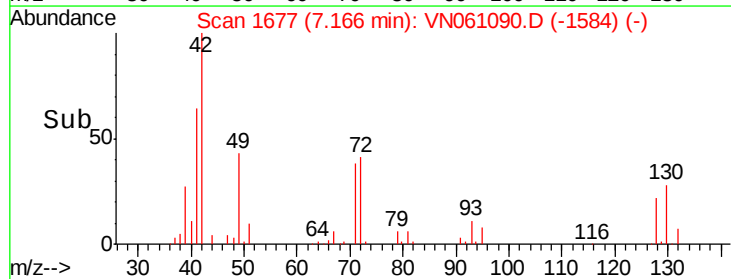
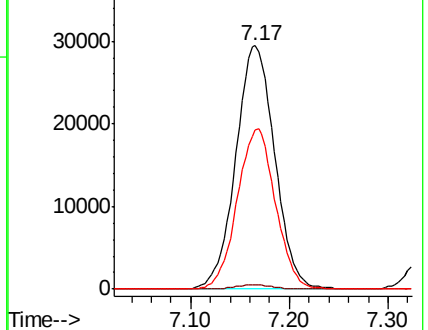
130 64.2 52.9 79.3

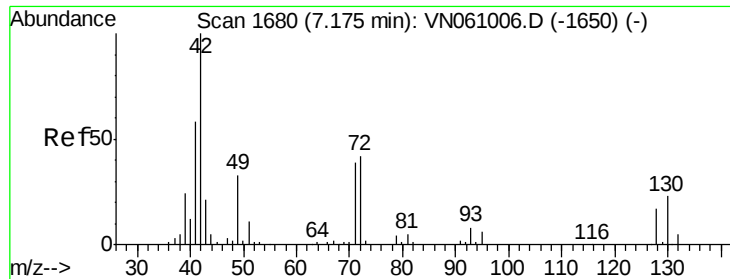


Abundance Ion 48.90 (48.60 to 49.60): VN061090.D (-1584) (-)

Ion 128.80 (128.50 to 129.50): VN061090.D (-1584) (-)

Ion 129.80 (129.50 to 130.50): VN061090.D (-1584) (-)





#29

Tetrahydrofuran

Concen: 268.641 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

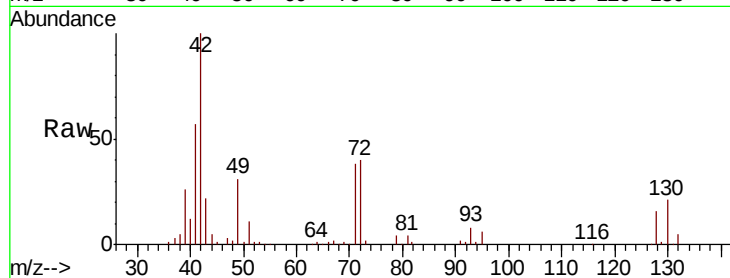
Tot Ion: 42 Resp: 233773

Ion Ratio Lower Upper

42 100

72 39.6 32.1 48.1

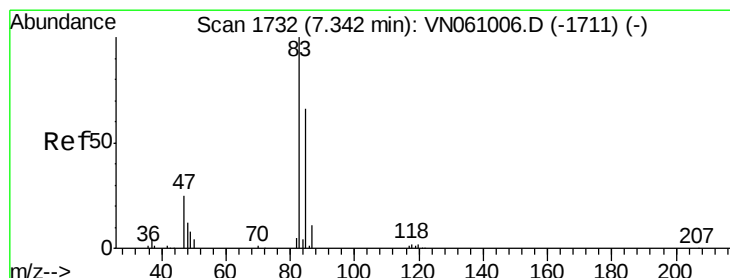
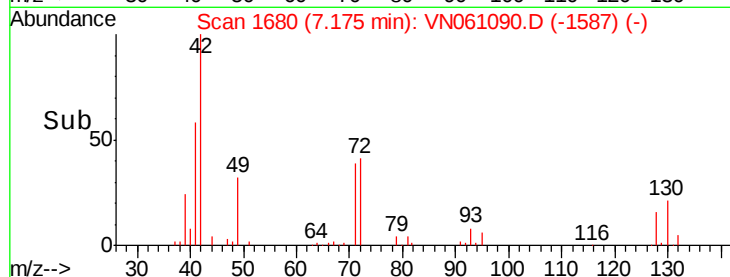
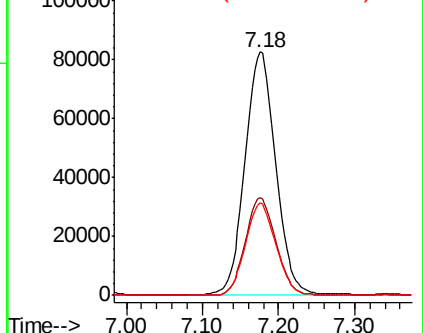
71 37.5 30.5 45.7



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: 51.129 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061090.D

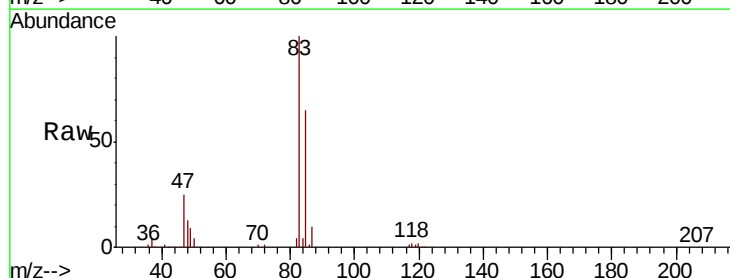
Acq: 18 Apr 2020 6:53

Tgt Ion: 83 Resp: 164523

Ion Ratio Lower Upper

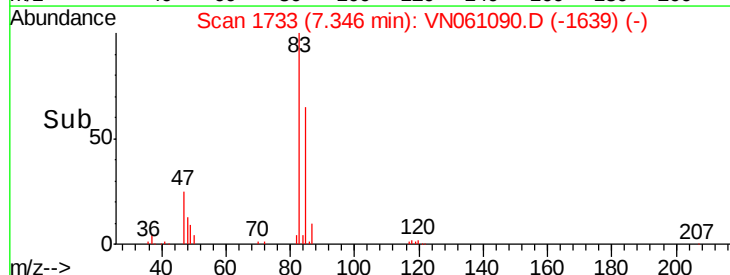
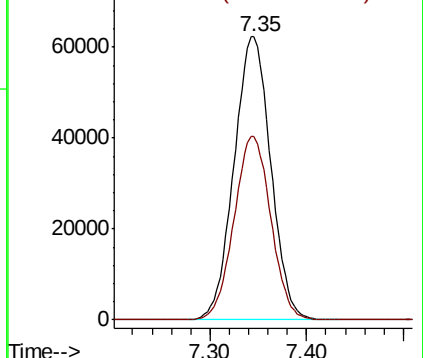
83 100

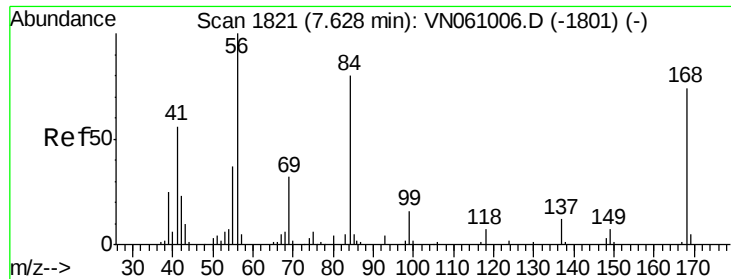
85 64.6 52.8 79.2



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

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

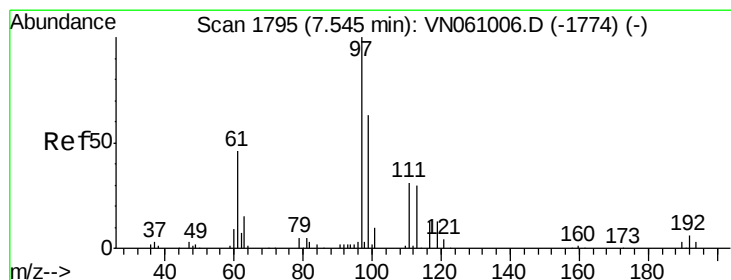
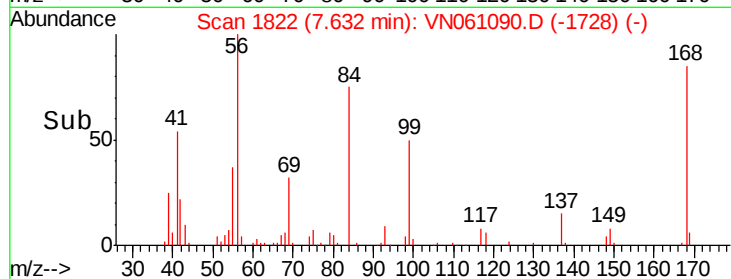
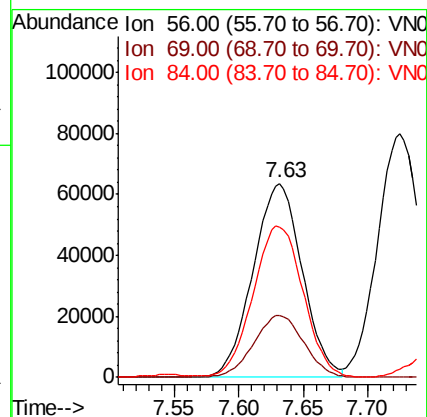
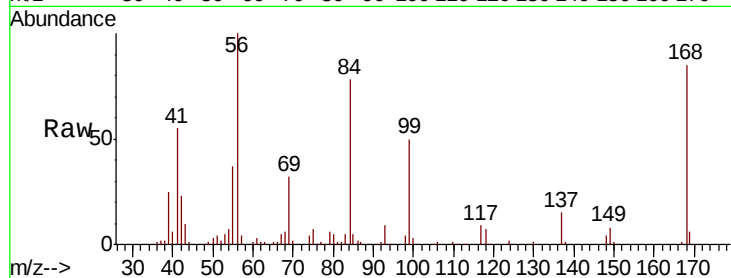




#31
Cyclohexane
Concen: 47.747 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

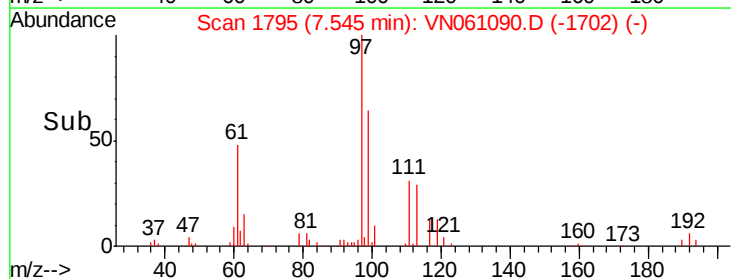
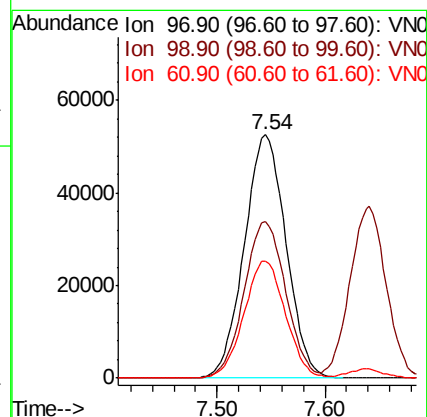
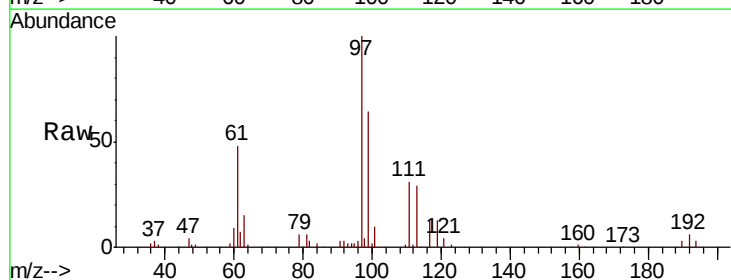
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

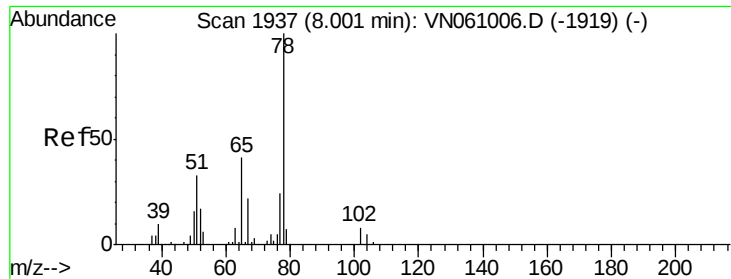
Tot Ion: 56 Resp: 169030
Ion Ratio Lower Upper
56 100
69 31.8 25.6 38.4
84 76.9 63.4 95.2



#32
1,1,1-Trichloroethane
Concen: 50.846 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 97 Resp: 141523
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 47.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 50.319 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

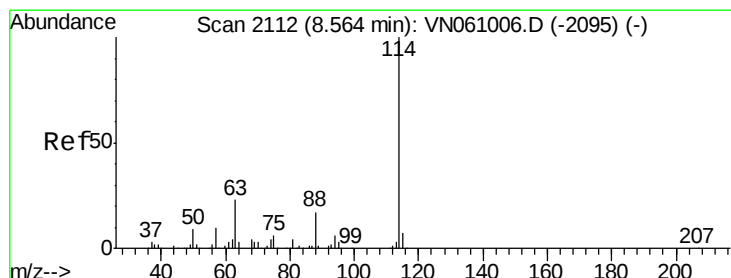
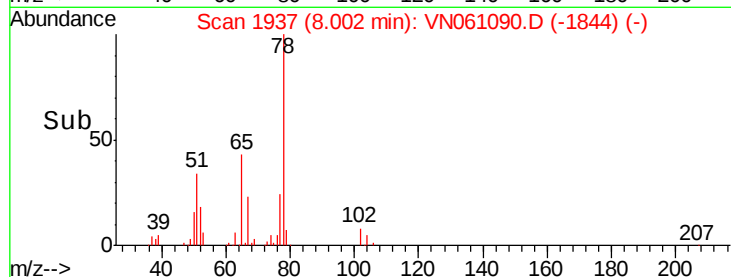
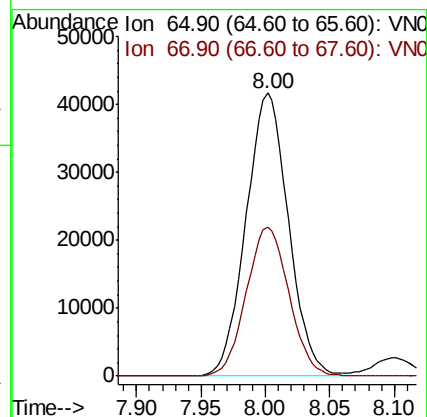
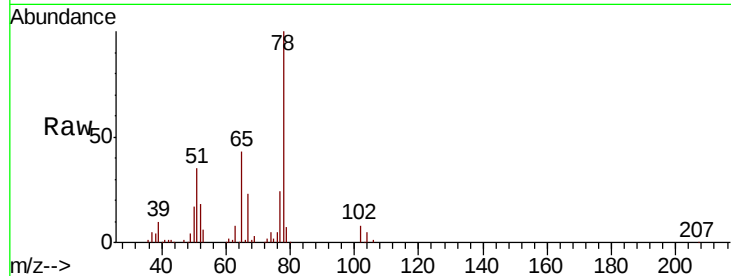
VSTDCCC050EC

Tot Ion: 65 Resp: 95629

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

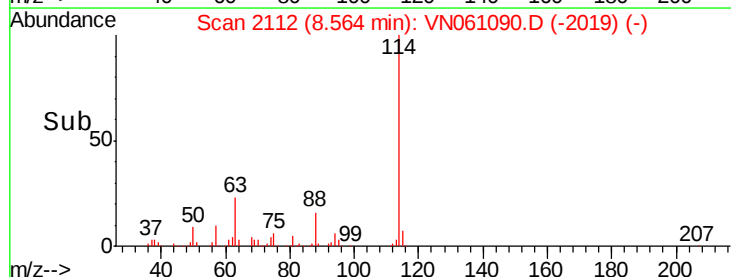
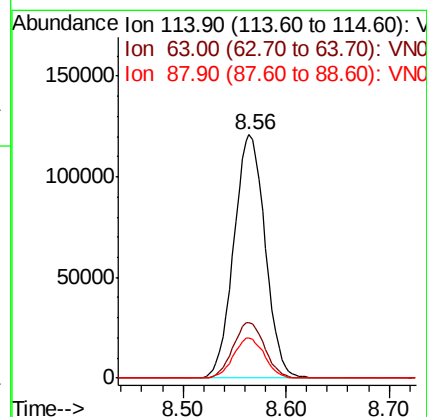
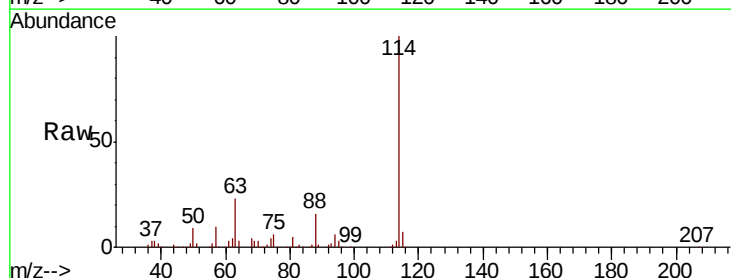
Tgt Ion: 114 Resp: 255410

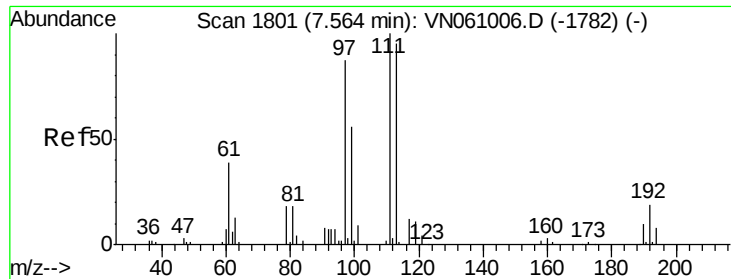
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.2

88 16.5 0.0 33.4

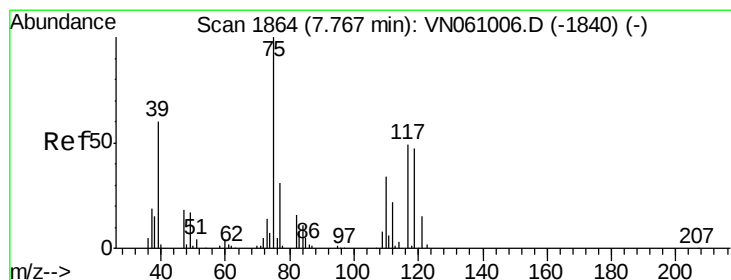
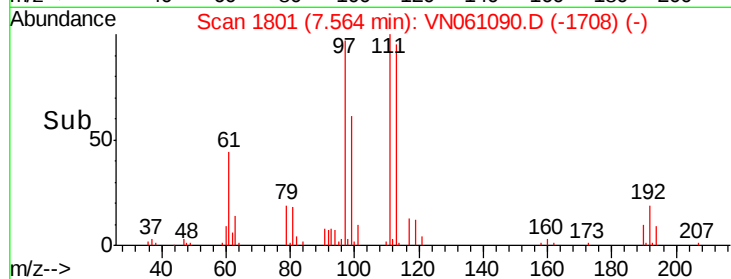
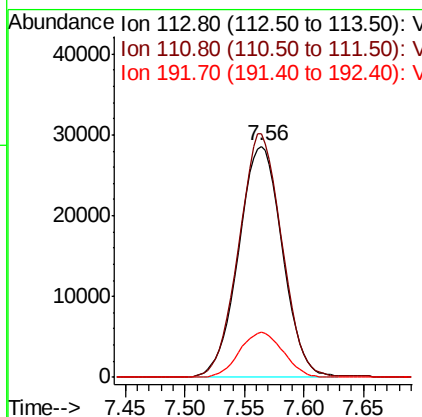
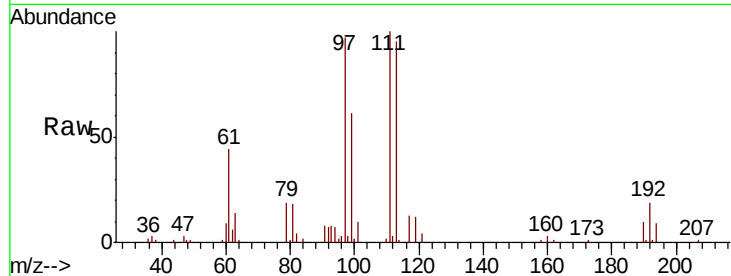




#35
 Dibromofluoromethane
 Concen: 48.858 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

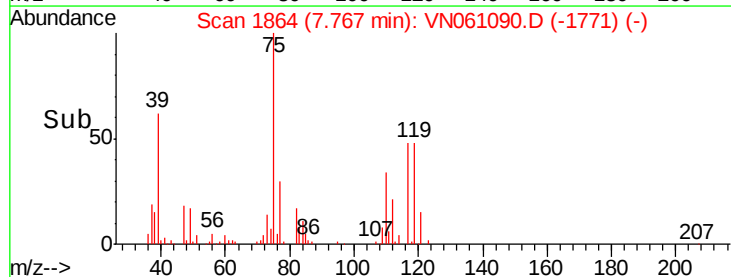
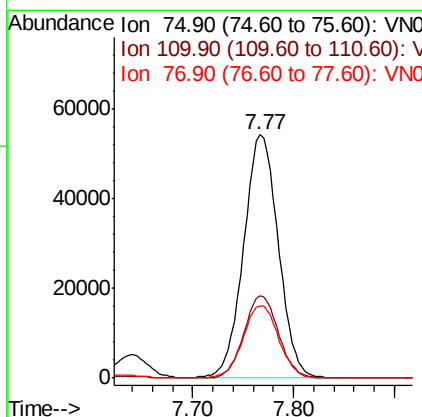
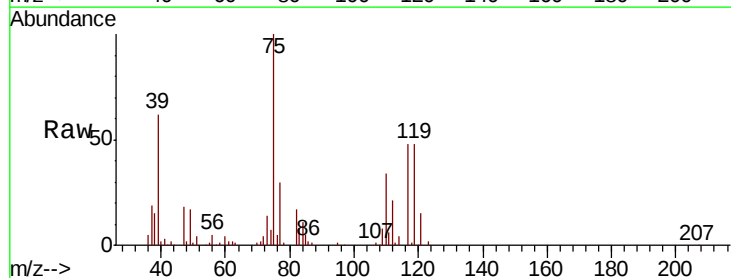
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

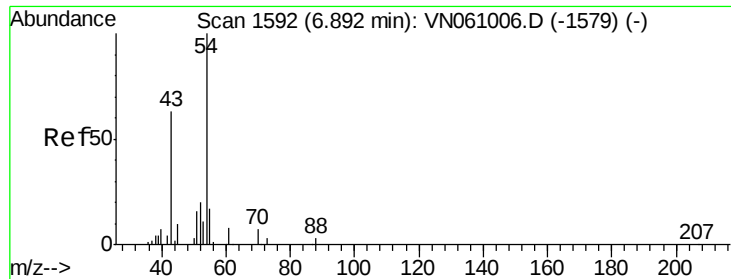
Tot Ion:113 Resp: 72875
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.2
 192 19.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 49.001 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 75 Resp: 129149
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.8 50.3
 77 30.5 24.7 37.1

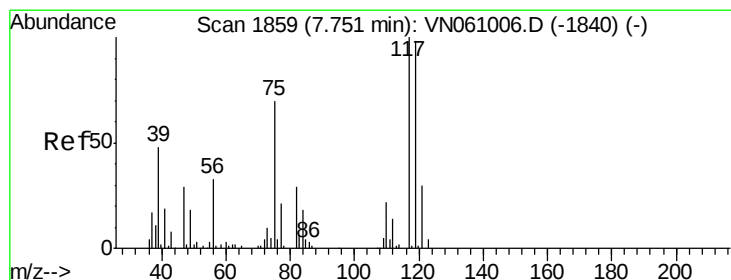
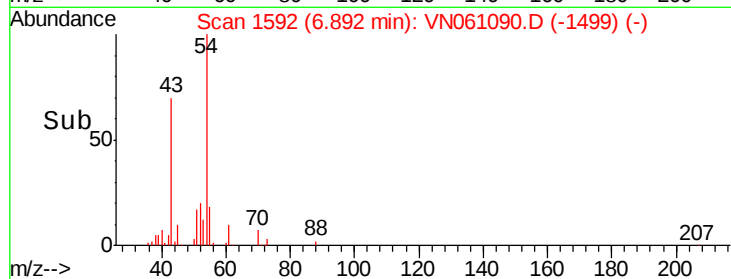
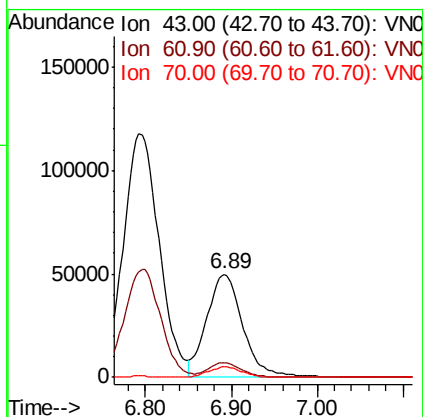
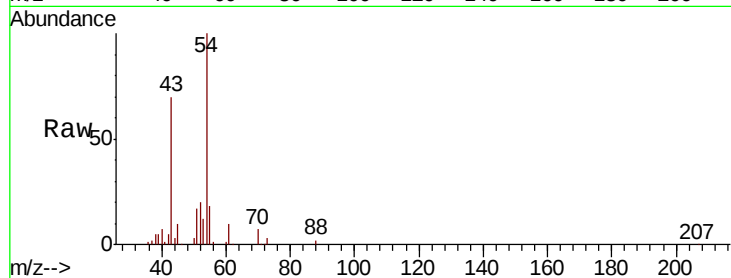




#37
Ethyl Acetate
Concen: 50.634 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

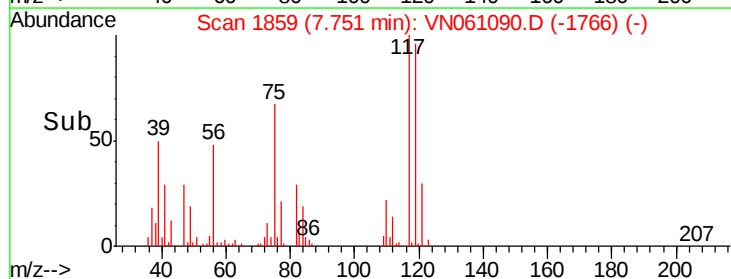
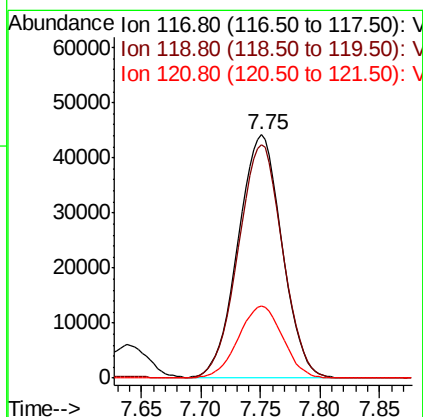
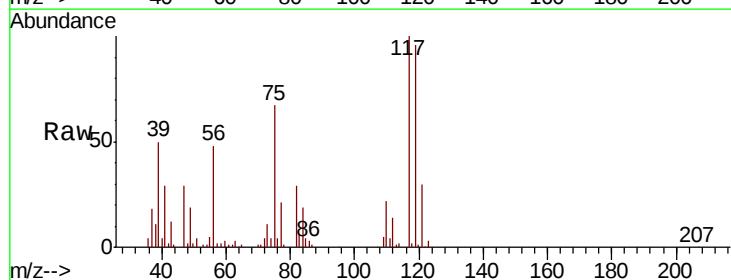
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

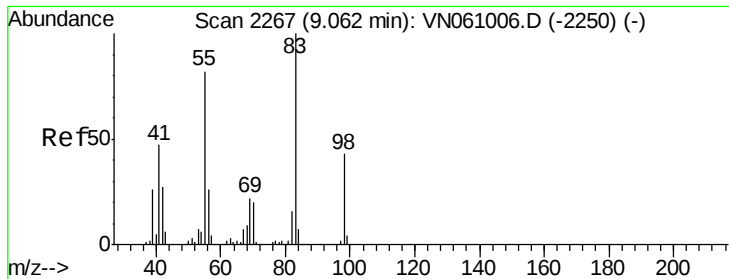
Tot Ion: 43 Resp: 144905
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.586 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 117 Resp: 113169
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1
121 29.7 24.0 36.0

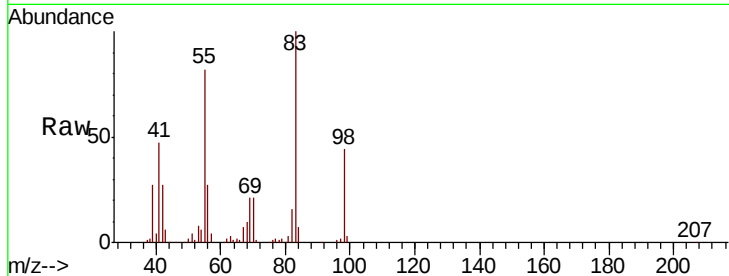




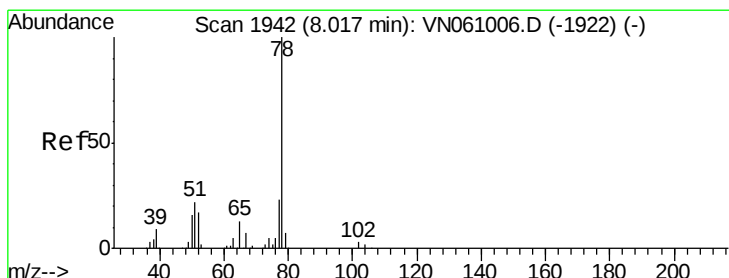
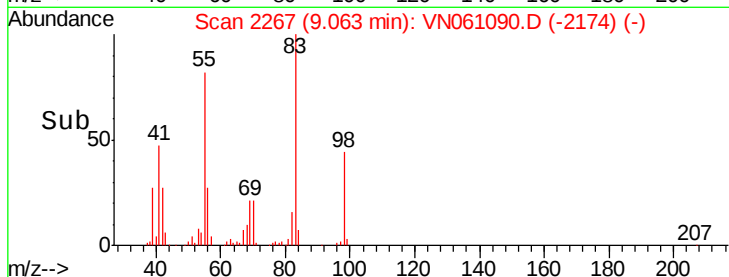
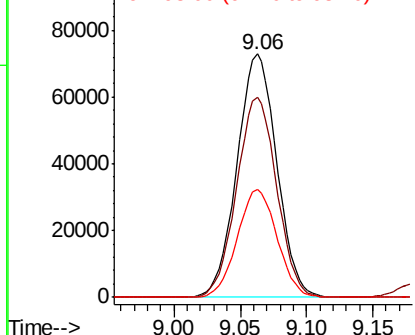
#39
Methvlcvclohexane
Concen: 48.183 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 151825
Ion Ratio Lower Upper
83 100
55 82.0 65.4 98.0
98 44.2 34.6 51.8

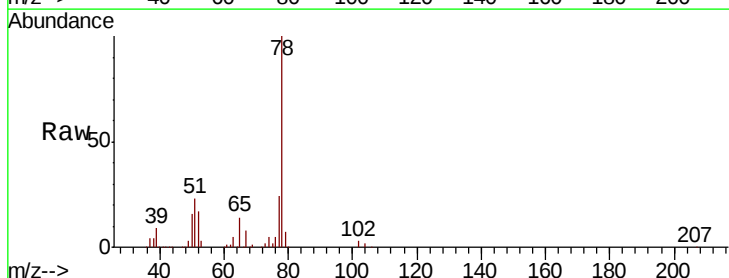


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

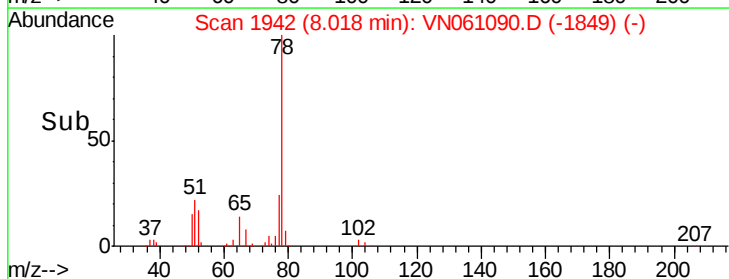
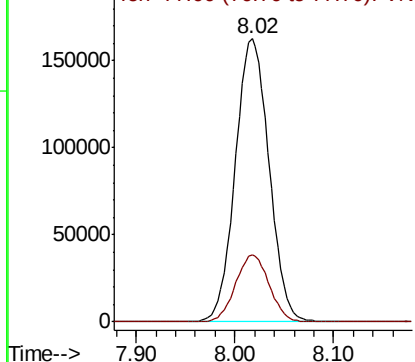


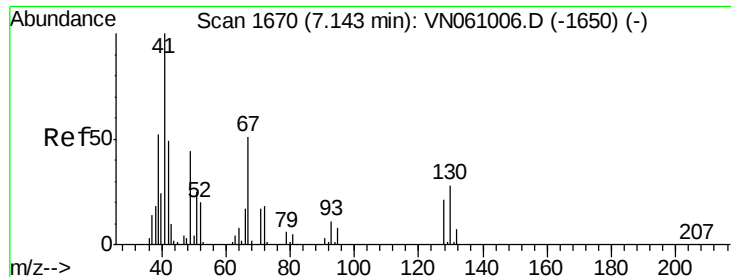
#40
Benzene
Concen: 49.314 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 78 Resp: 385582
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



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

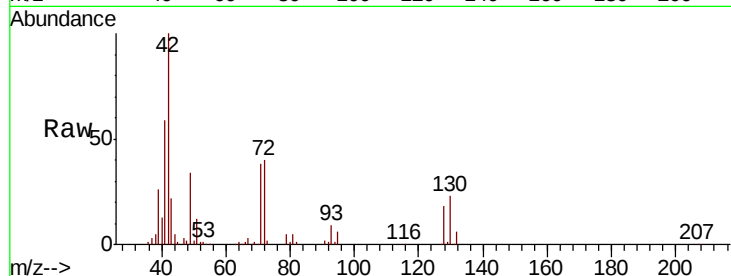




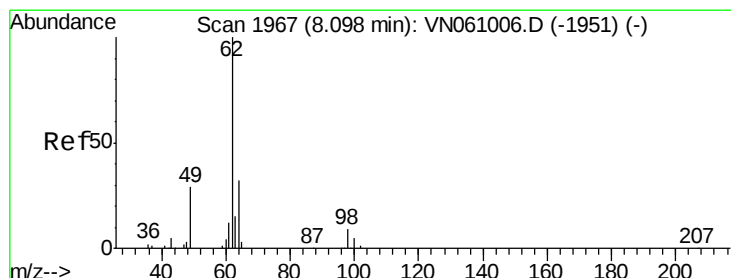
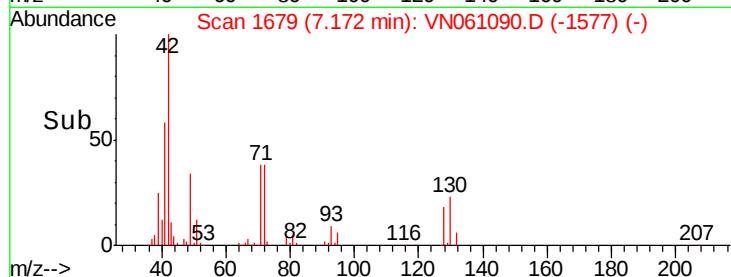
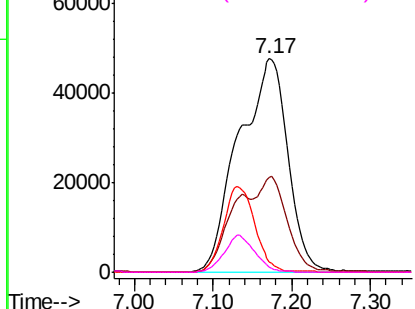
#41
Methacrylonitrile
Concen: 174.136 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	207862
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

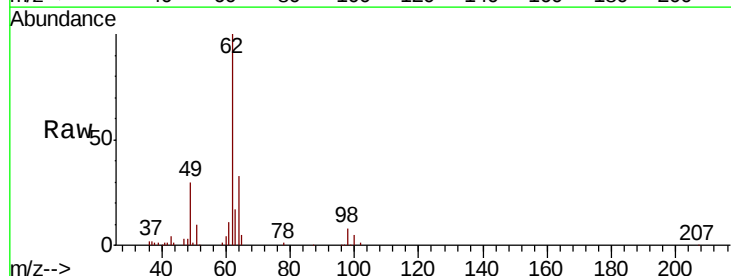


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

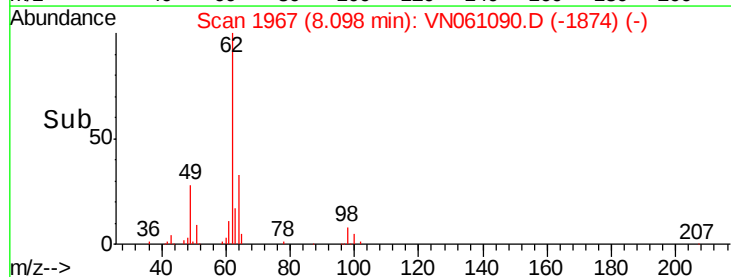
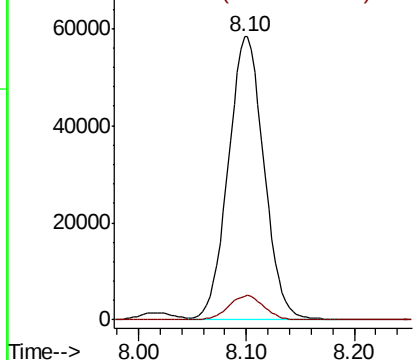


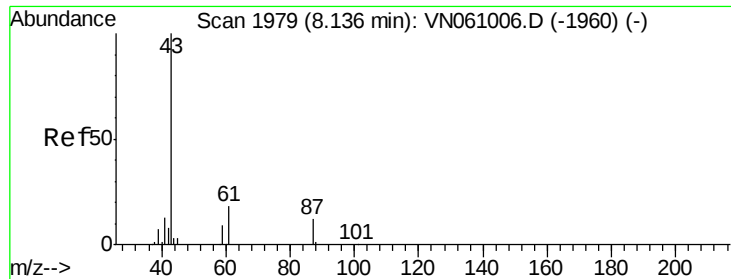
#42
1,2-Dichloroethane
Concen: 50.586 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion:	62	Resp:	134739
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 51.555 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

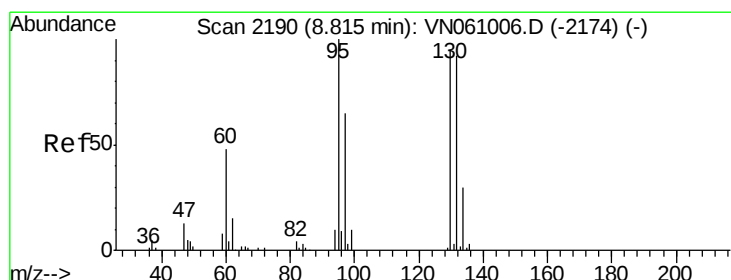
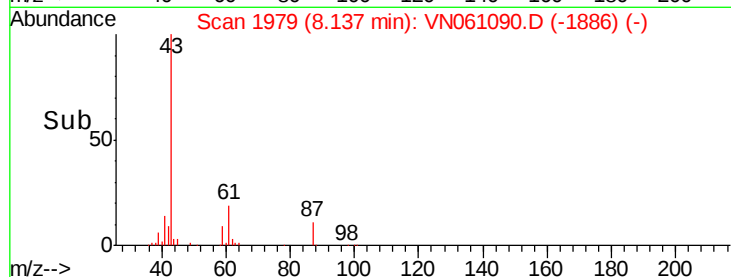
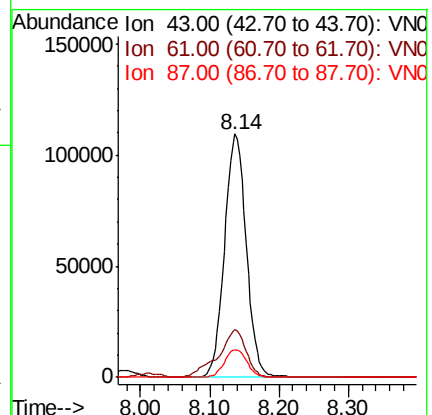
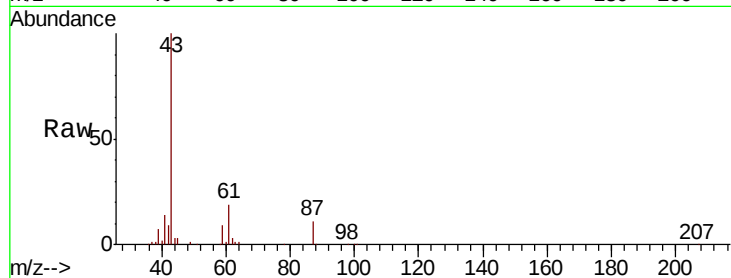
Tot Ion: 43 Resp: 239960

Ion Ratio Lower Upper

43 100

61 25.0 20.3 30.5

87 11.8 9.4 14.2



#44

Trichloroethene

Concen: 48.059 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061090.D

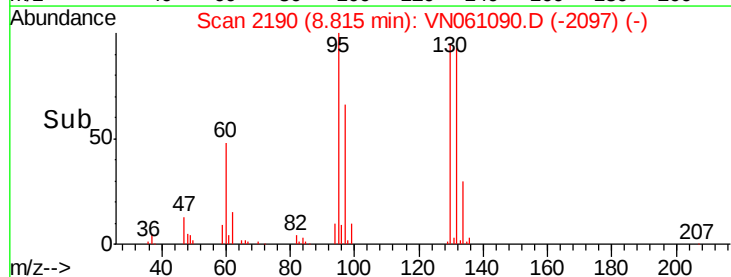
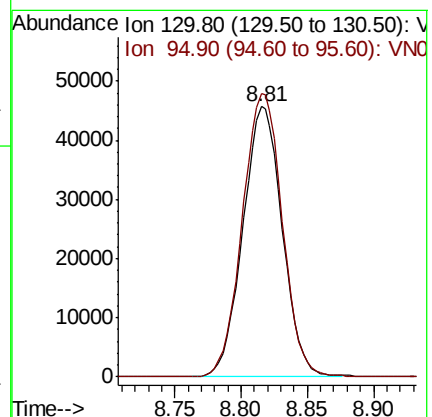
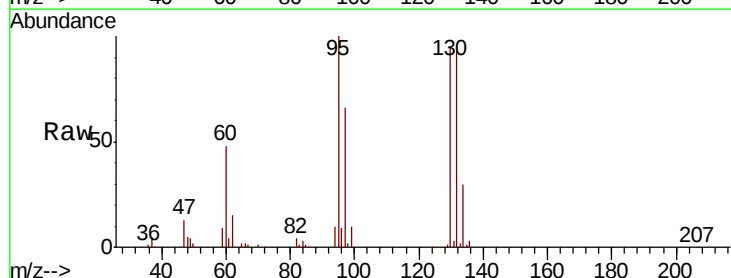
Acq: 18 Apr 2020 6:53

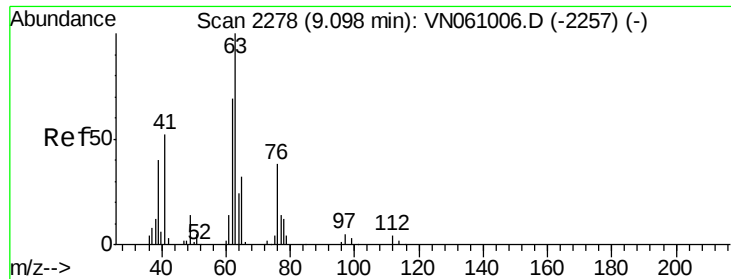
Tgt Ion: 130 Resp: 94420

Ion Ratio Lower Upper

130 100

95 104.8 0.0 210.0





#45

1,2-Dichloropropane

Concen: 50.105 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

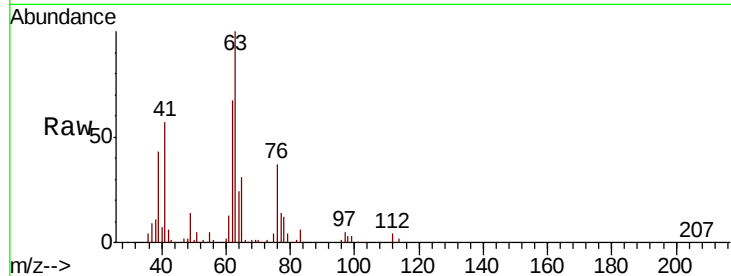
VSTDCCC050EC

Tot Ion: 63 Resp: 105817

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN061090.D (-2185) (-)

Ion 64.90 (64.60 to 65.60): VN061090.D (-2185) (-)

9.10

60000

50000

40000

30000

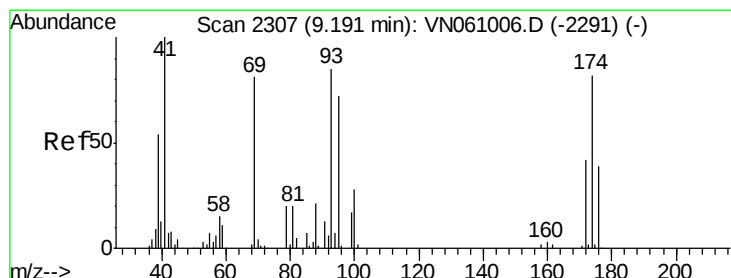
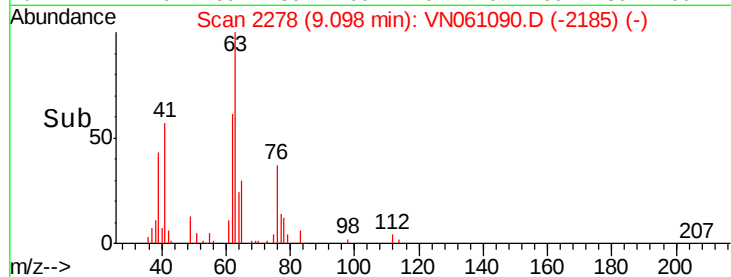
20000

10000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#46

Dibromomethane

Concen: 52.263 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

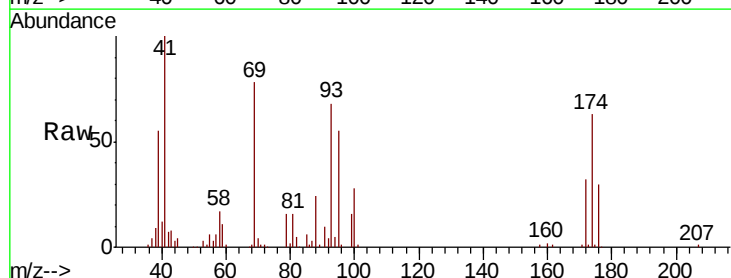
Tgt Ion: 93 Resp: 63638

Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

174 93.7 76.2 114.4



Abundance Ion 92.80 (92.50 to 93.50): VN061090.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN061090.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN061090.D (-2214) (-)

9.19

40000

30000

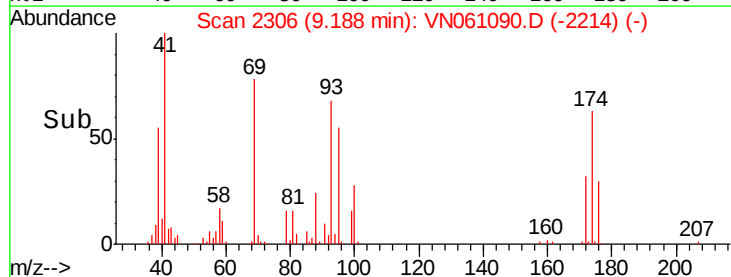
20000

10000

0

Time-->

9.10 9.15 9.20 9.25

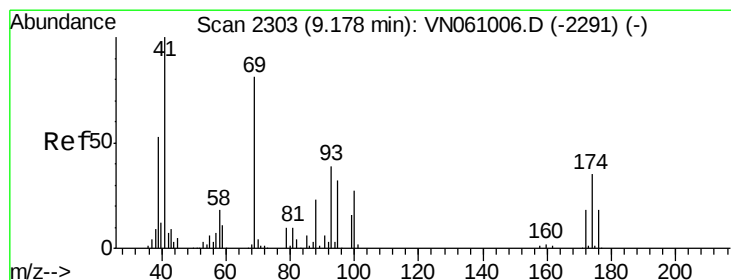
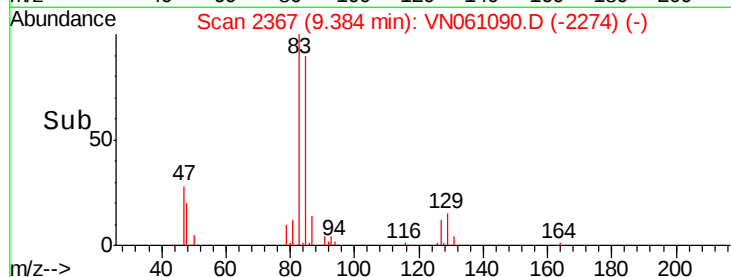
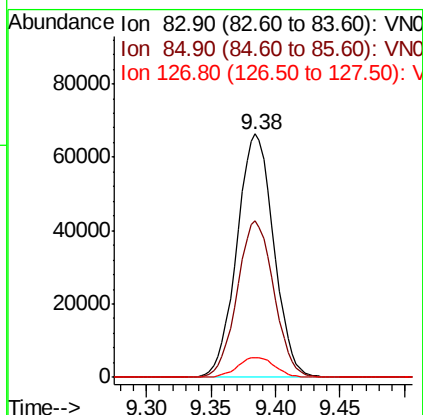
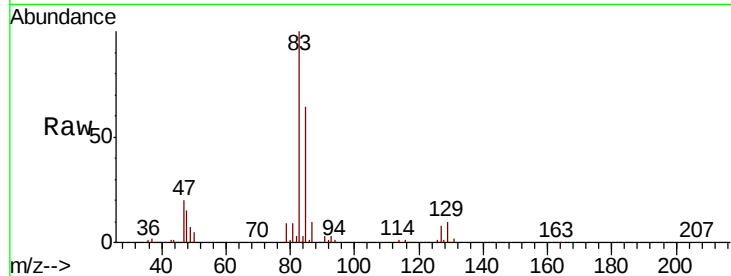




#47
 Bromodichloromethane
 Concen: 51.236 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

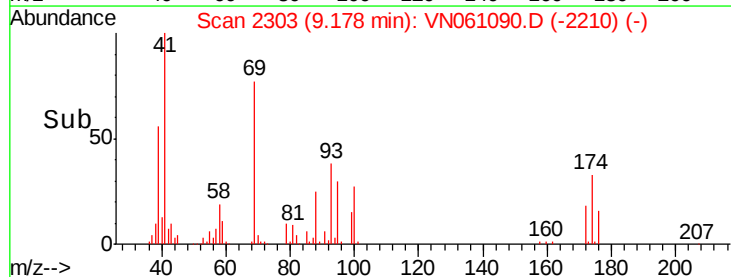
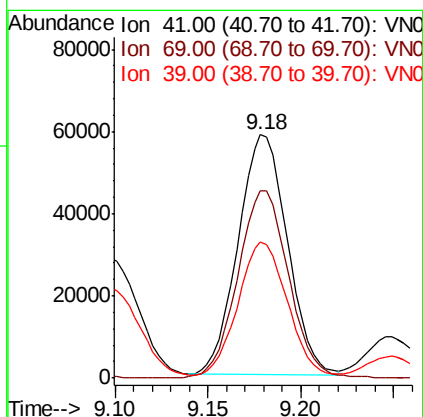
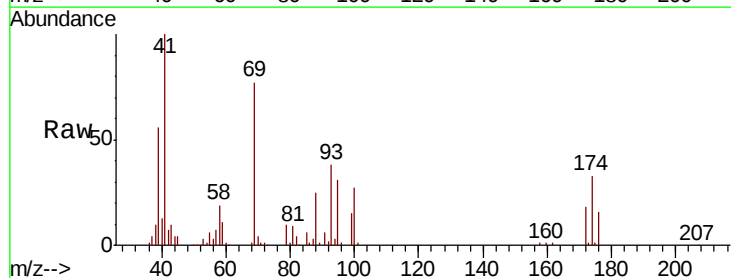
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

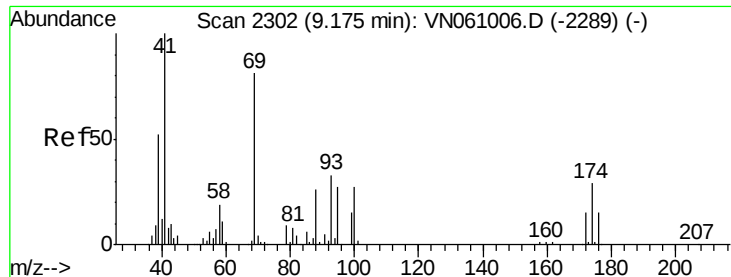
Tot Ion: 83 Resp: 131794
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.6 76.0
 127 8.3 6.1 9.1



#48
 Methyl methacrylate
 Concen: 52.761 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 41 Resp: 108524
 Ion Ratio Lower Upper
 41 100
 69 80.5 65.3 97.9
 39 55.0 45.2 67.8

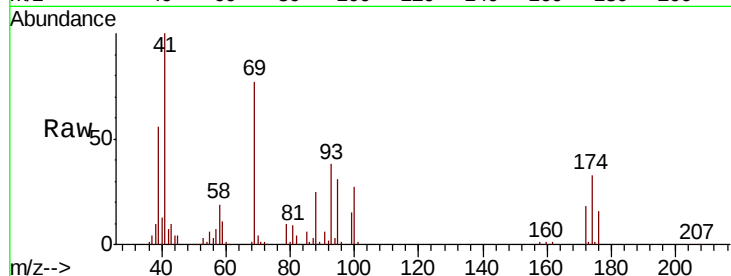




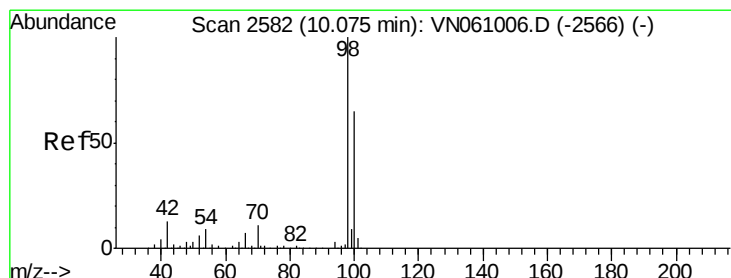
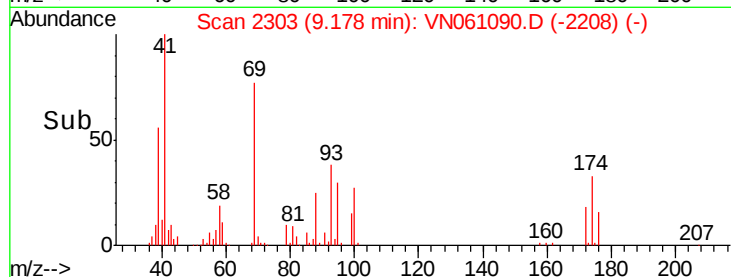
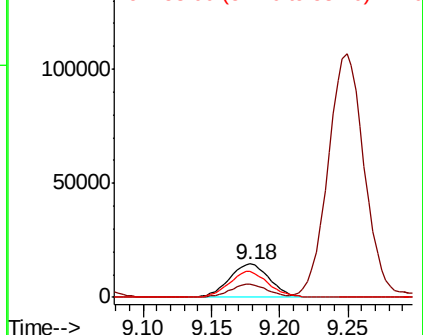
#49
 1,4-Dioxane
 Concen: 1059.145 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 30273
 Ion Ratio Lower Upper
 88 100
 43 37.6 30.9 46.3
 58 75.2 59.8 89.8

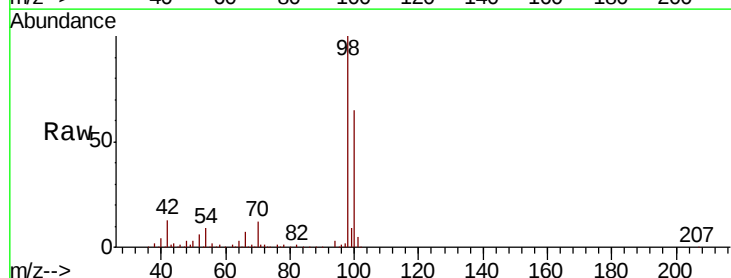


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

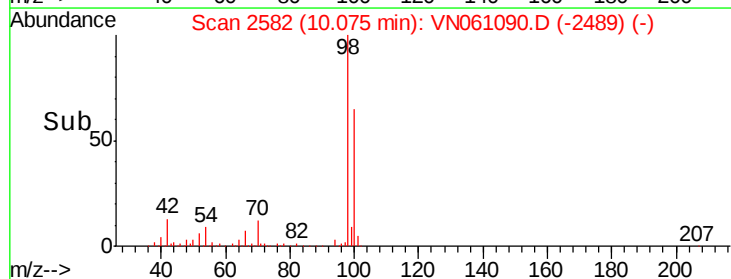
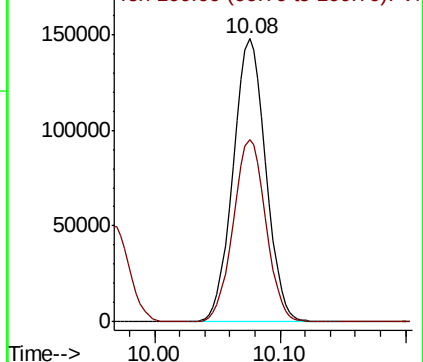


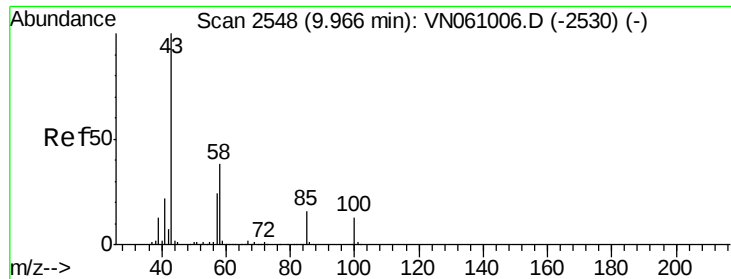
#50
 Toluene-d8
 Concen: 47.335 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 98 Resp: 266797
 Ion Ratio Lower Upper
 98 100
 100 64.5 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: 268.086 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

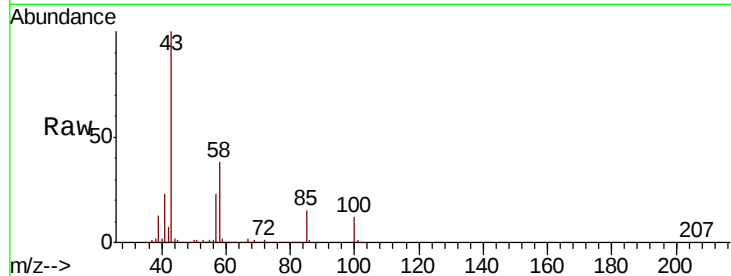
VSTDCCC050EC

Tot Ion: 43 Resp: 719307

Ion Ratio Lower Upper

43 100

58 37.6 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

400000

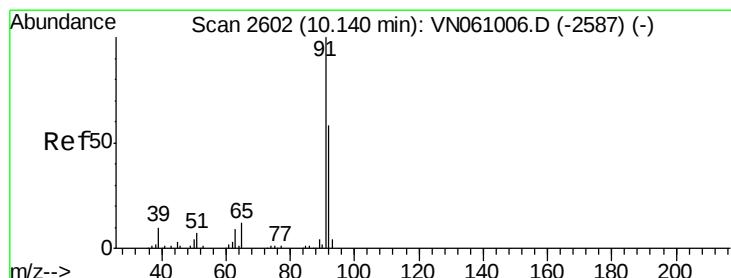
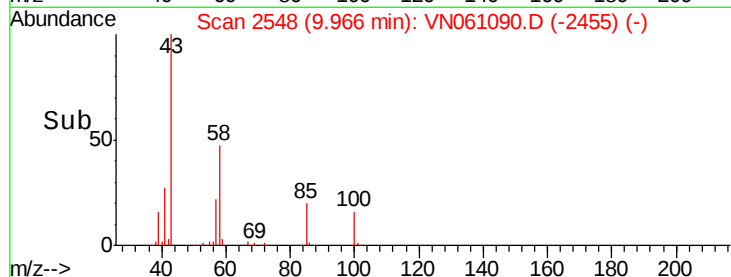
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.346 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061090.D

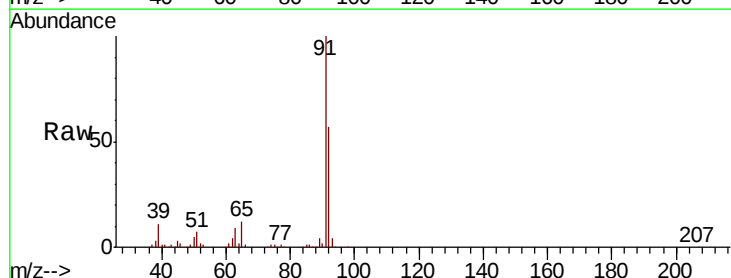
Acq: 18 Apr 2020 6:53

Tgt Ion: 92 Resp: 231465

Ion Ratio Lower Upper

92 100

91 173.2 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

10.14

250000

200000

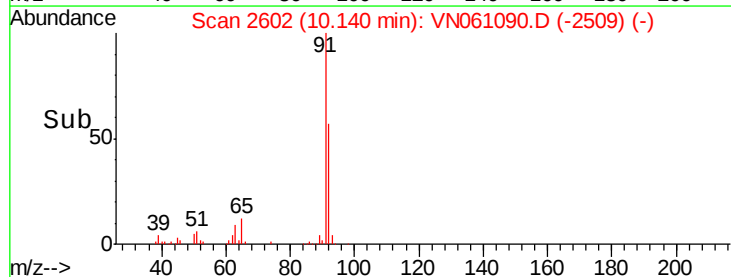
150000

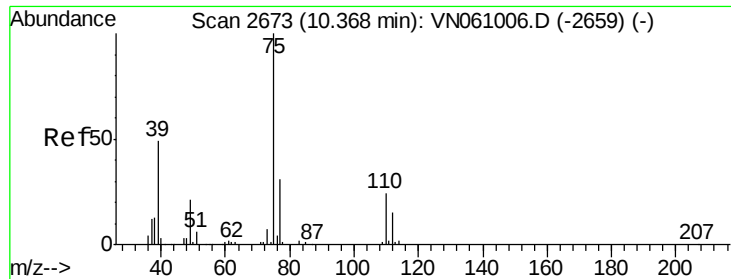
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.861 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

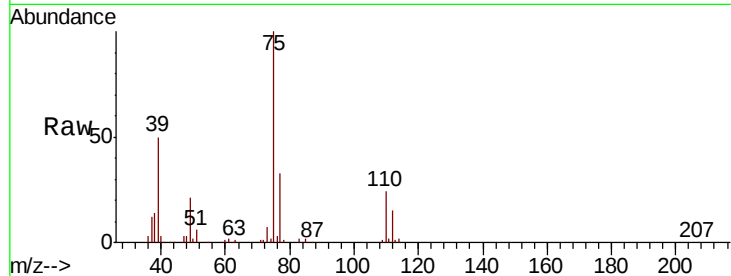
VSTDCCC050EC

Tot Ion: 75 Resp: 143006

Ion Ratio Lower Upper

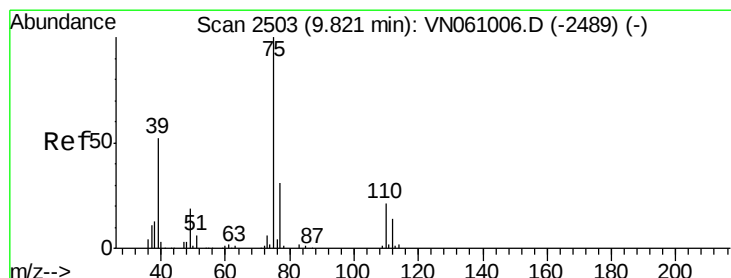
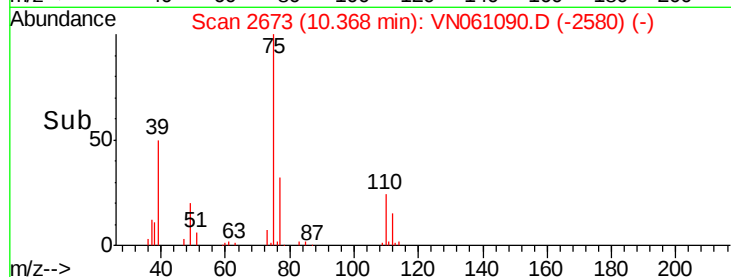
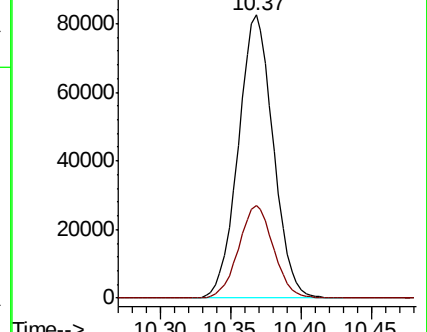
75 100

77 32.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN061090.D (-2580) (-)

Ion 76.90 (76.60 to 77.60): VN061090.D (-2580) (-)



#54

cis-1,3-Dichloropropene

Concen: 48.172 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

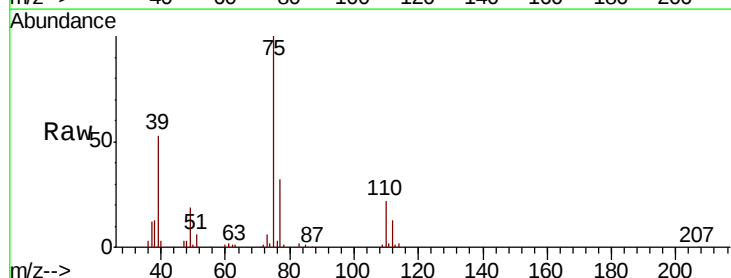
Tgt Ion: 75 Resp: 157046

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

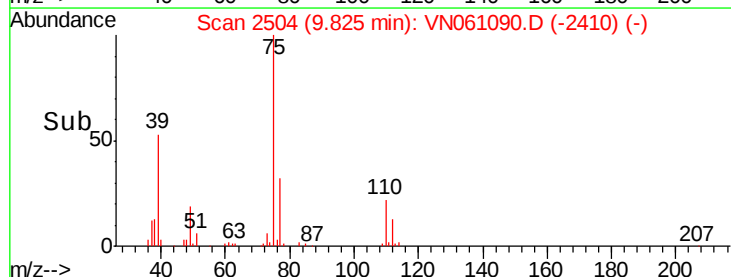
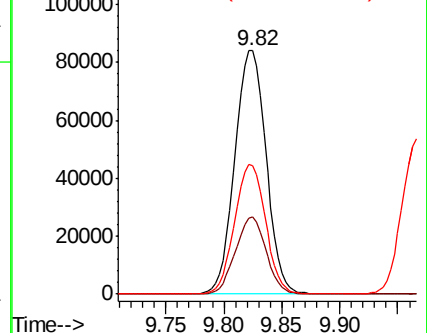
39 52.6 41.4 62.2

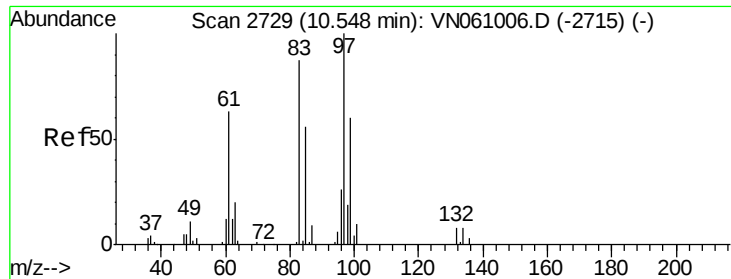


Abundance Ion 74.90 (74.60 to 75.60): VN061090.D (-2410) (-)

Ion 76.90 (76.60 to 77.60): VN061090.D (-2410) (-)

Ion 39.00 (38.70 to 39.70): VN061090.D (-2410) (-)

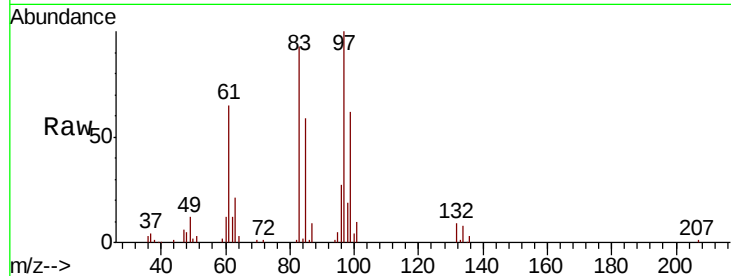




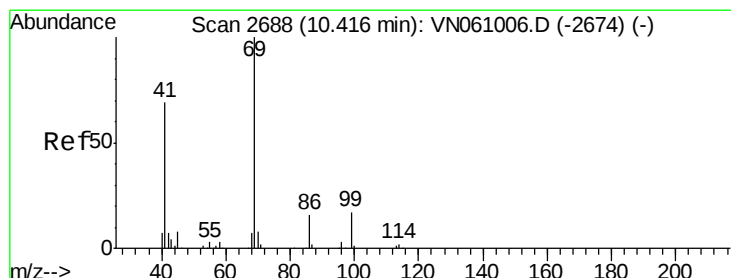
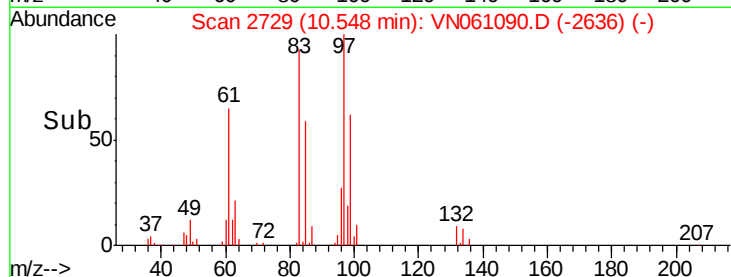
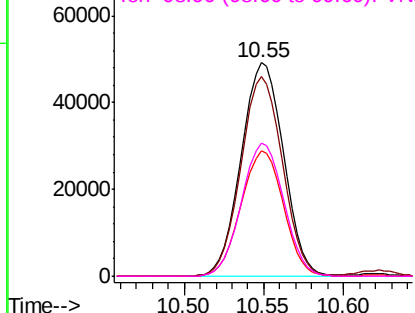
#55
 1,1,2-Trichloroethane
 Concen: 50.230 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 89163
 Ion Ratio Lower Upper
 97 100
 83 93.4 69.5 104.3
 85 58.7 45.0 67.4
 99 62.1 47.9 71.9

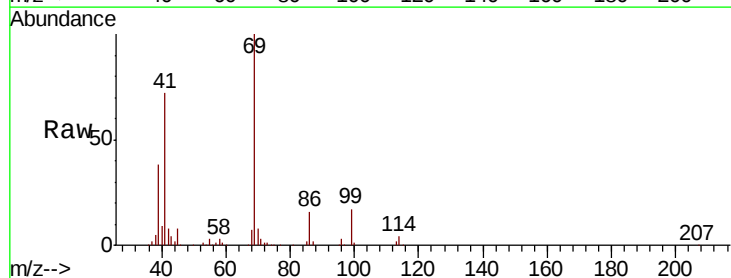


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

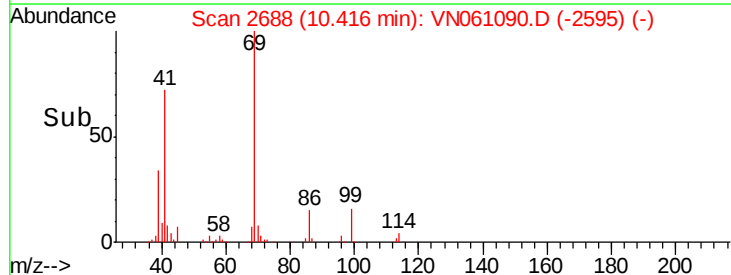
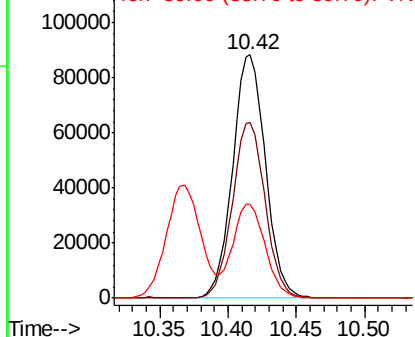


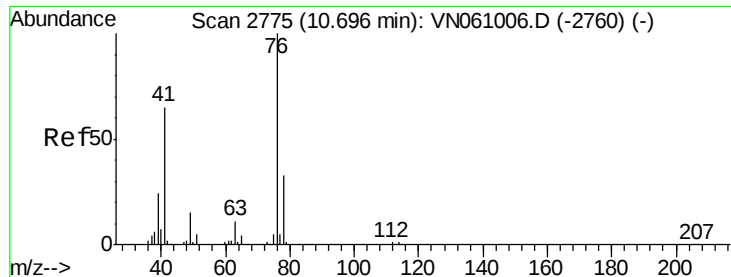
#56
 Ethyl methacrylate
 Concen: 52.892 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 69 Resp: 147638
 Ion Ratio Lower Upper
 69 100
 41 71.5 56.7 85.1
 39 37.7 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 50.307 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

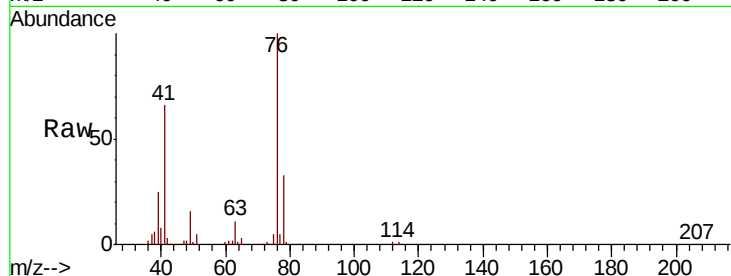
VSTDCCC050EC

Tot Ion: 76 Resp: 159286

Ion Ratio Lower Upper

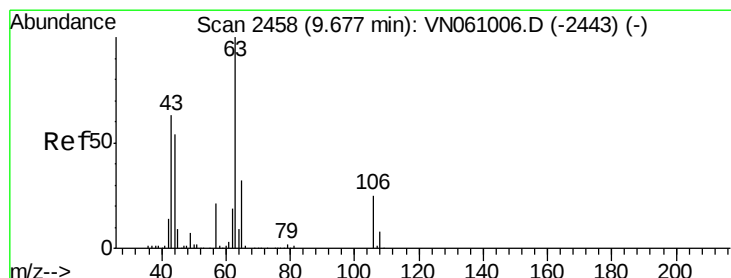
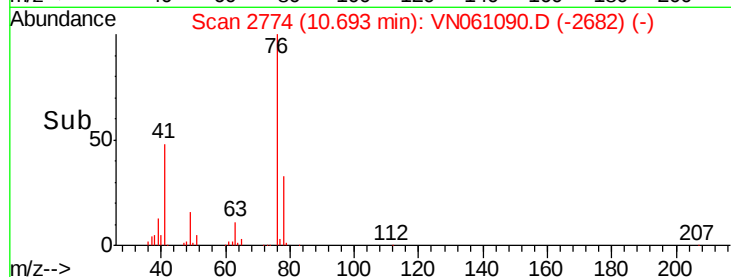
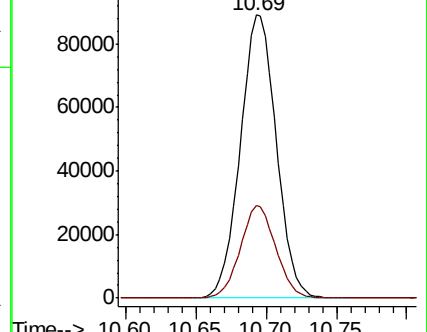
76 100

78 32.2 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-2760) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 266.410 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061090.D

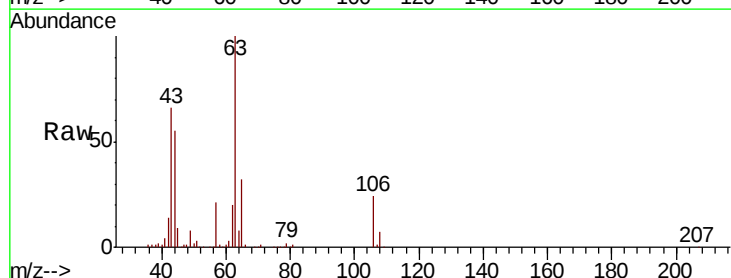
Acq: 18 Apr 2020 6:53

Tgt Ion: 63 Resp: 337909

Ion Ratio Lower Upper

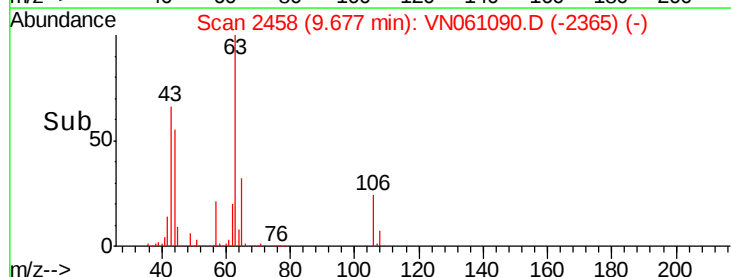
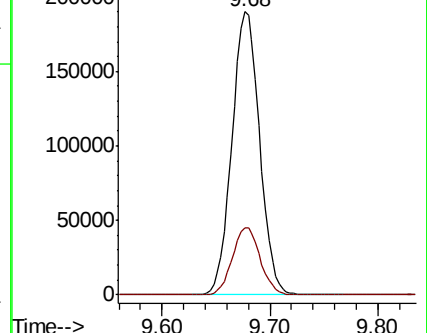
63 100

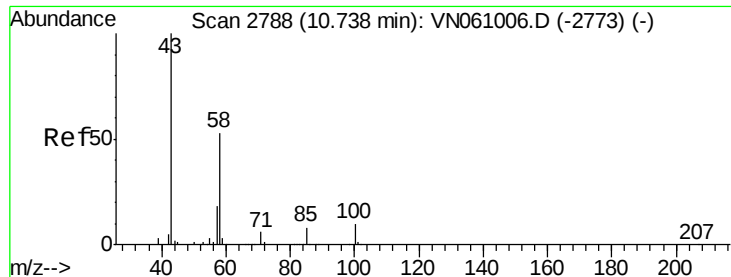
106 23.9 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN061006.D (-2443) (-)

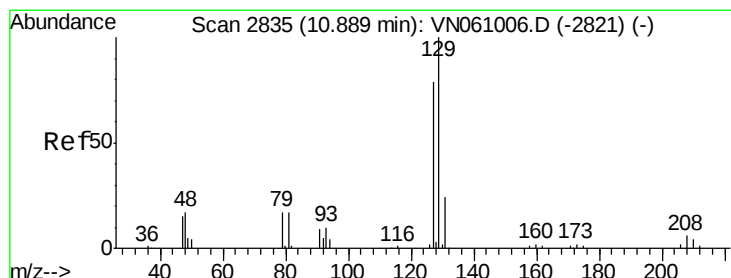
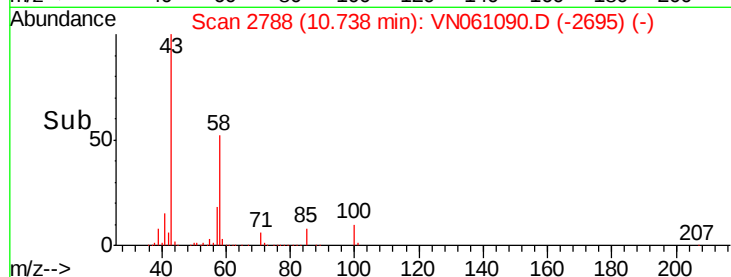
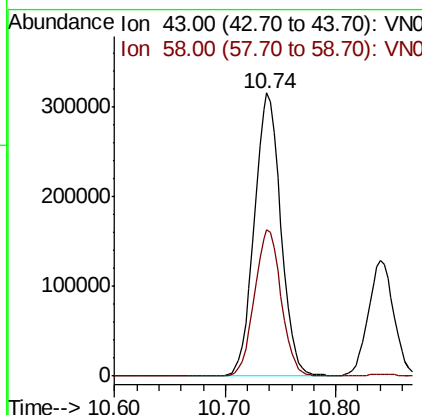
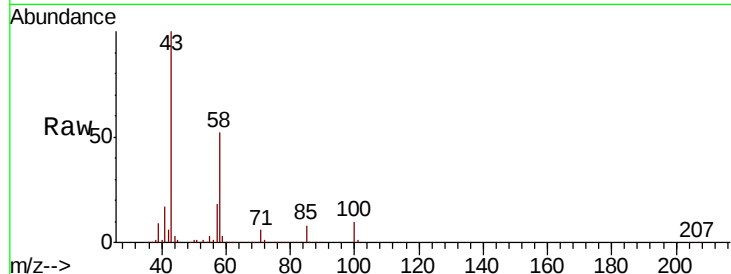




#59
2-Hexanone
Concen: 271.615 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

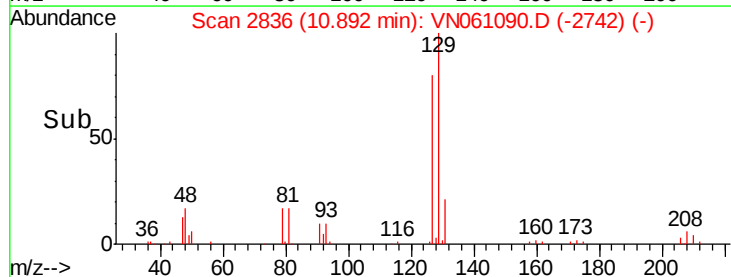
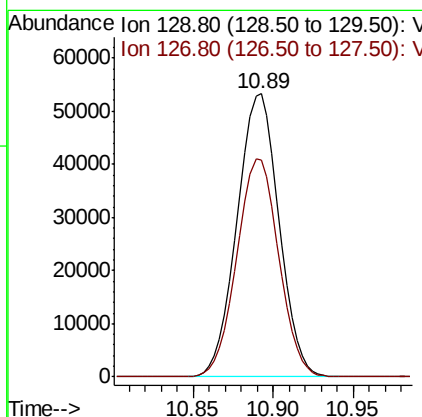
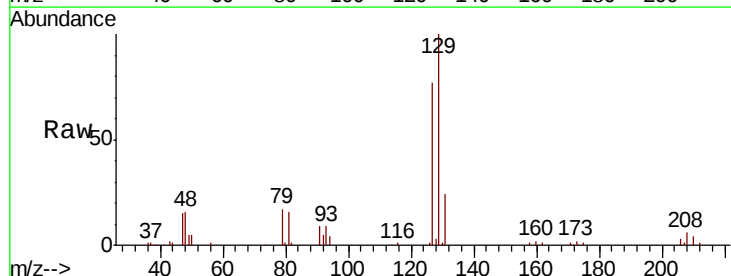
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

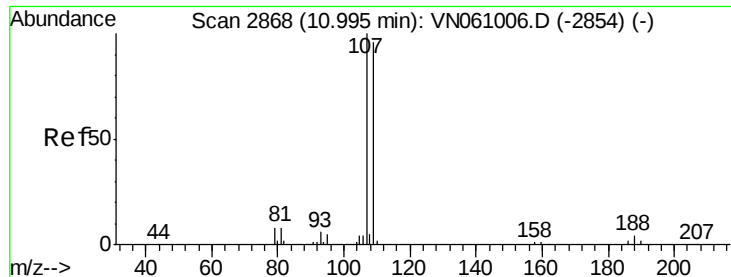
Tot Ion: 43 Resp: 525578
Ion Ratio Lower Upper
43 100
58 52.0 26.4 79.0



#60
Dibromochloromethane
Concen: 52.161 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 129 Resp: 95114
Ion Ratio Lower Upper
129 100
127 77.1 39.0 116.9

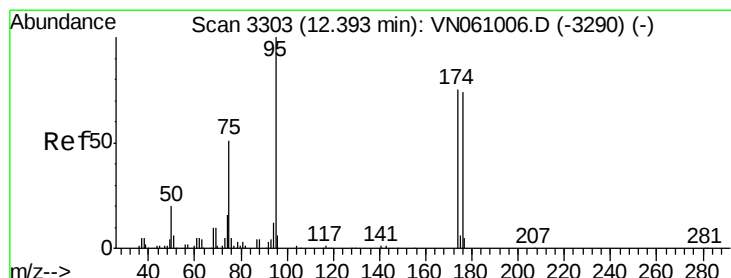
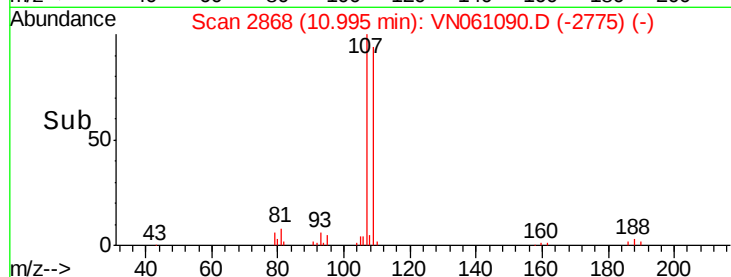
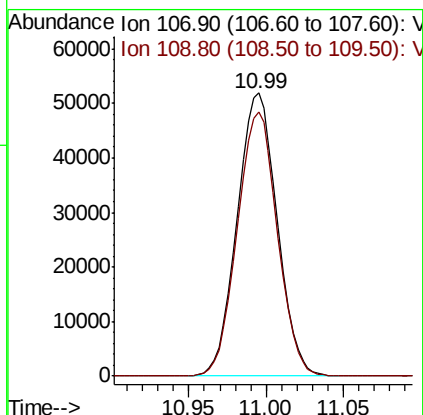
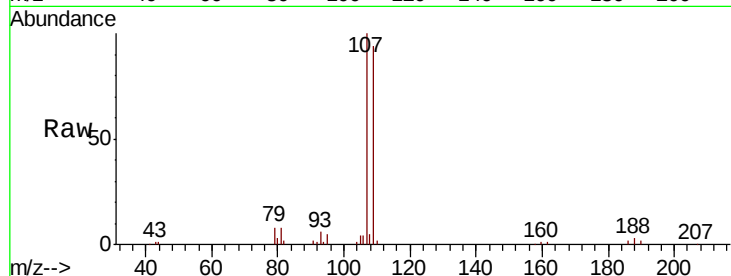




#61
 1,2-Dibromoethane
 Concen: 51.601 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

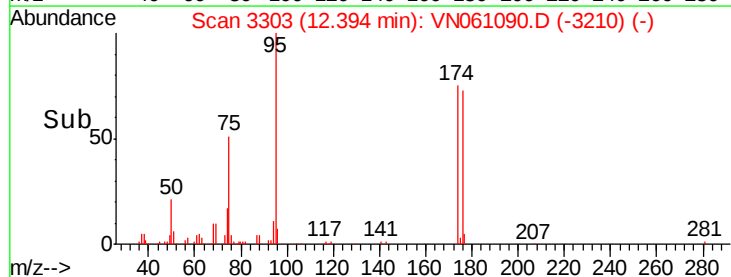
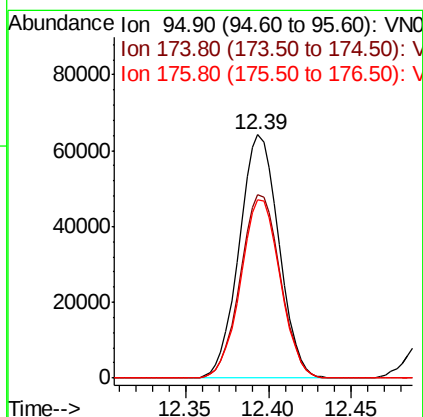
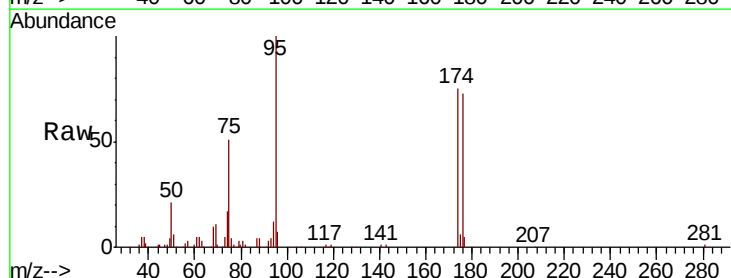
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

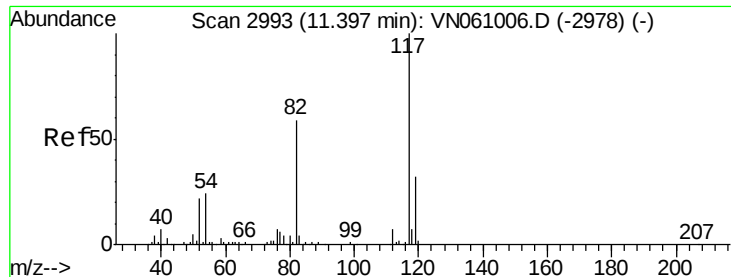
Tot Ion: 107 Resp: 93337
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.331 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 95 Resp: 106765
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 151.2
 176 73.4 0.0 148.2

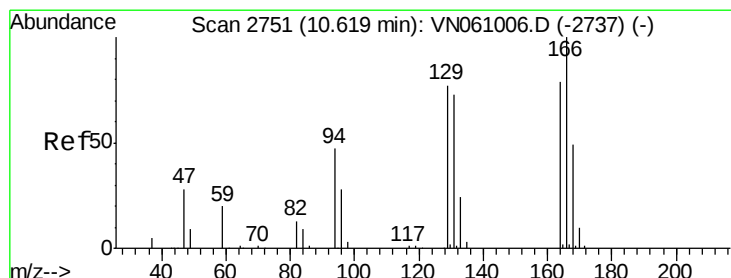
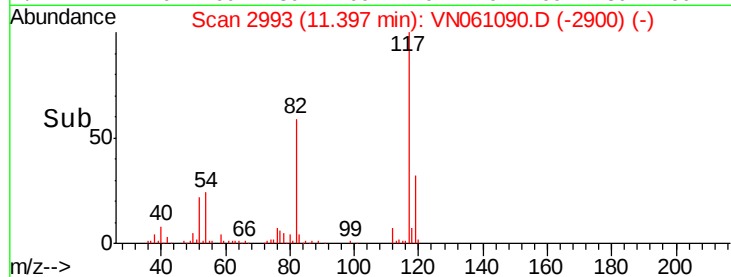
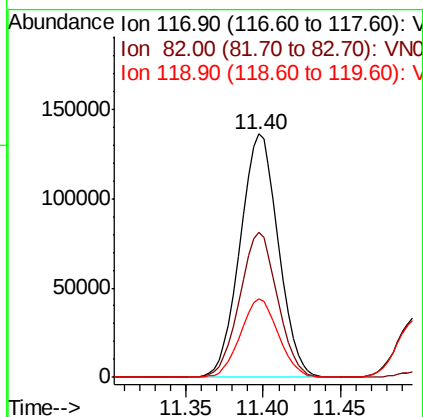
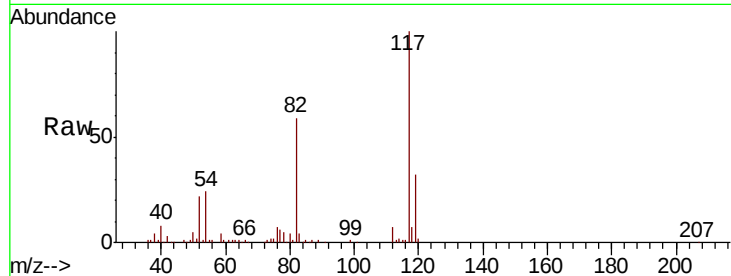




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

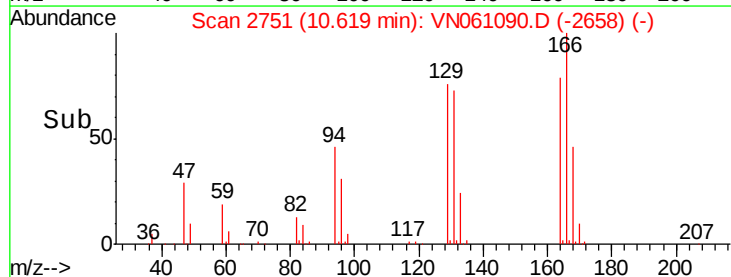
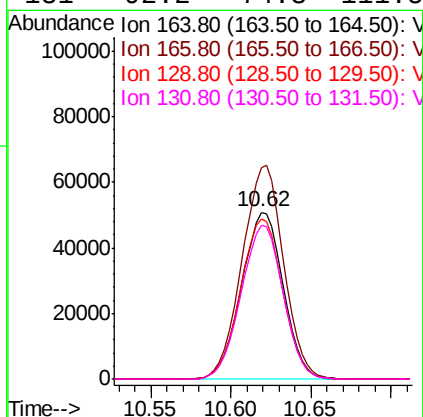
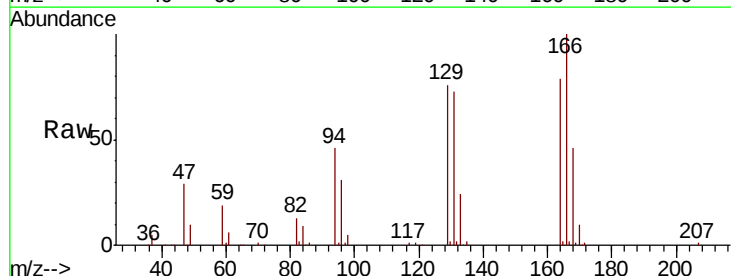
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

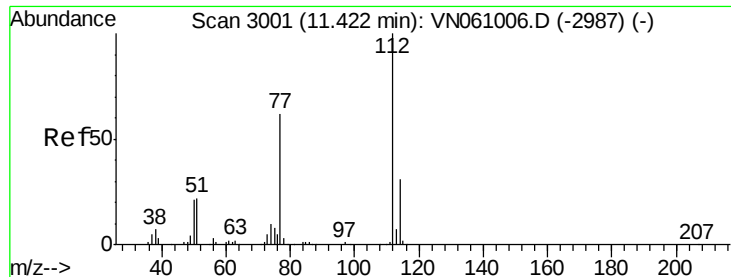
Tot Ion:117 Resp: 233974
Ion Ratio Lower Upper
117 100
82 59.5 47.1 70.7
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 50.716 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion:164 Resp: 90802
Ion Ratio Lower Upper
164 100
166 127.1 101.6 152.4
129 96.2 78.5 117.7
131 92.2 74.3 111.5

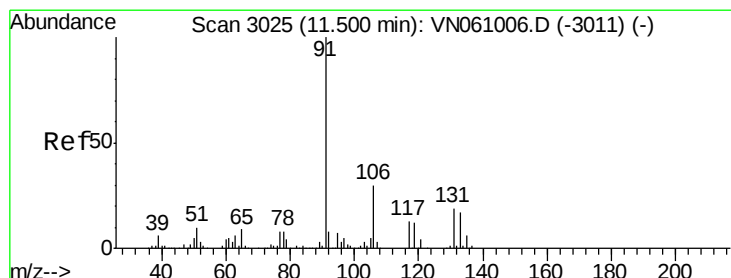
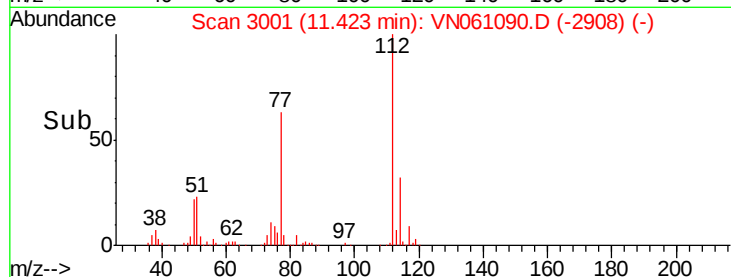
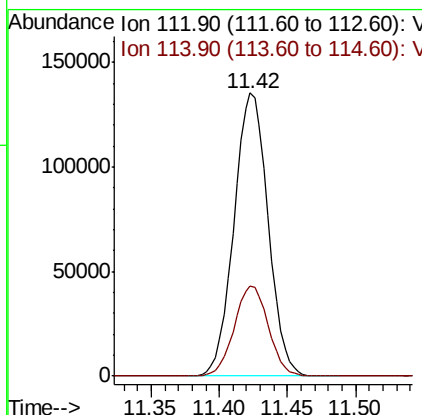
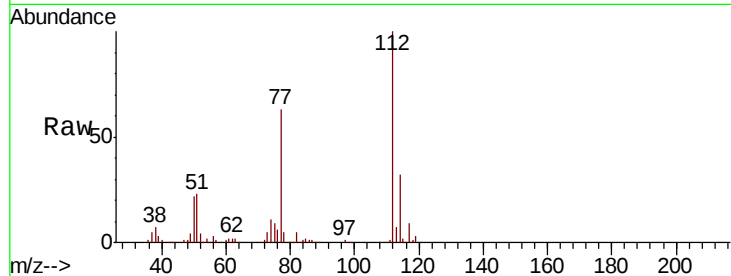




#65
Chlorobenzene
Concen: 48.629 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

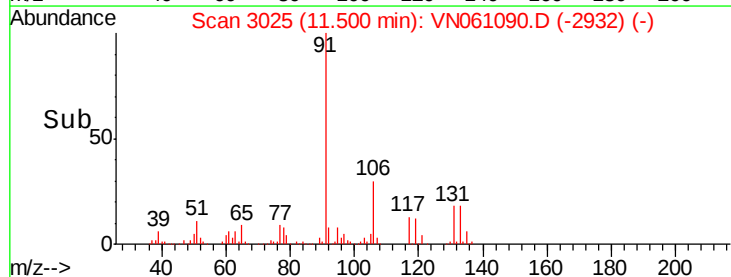
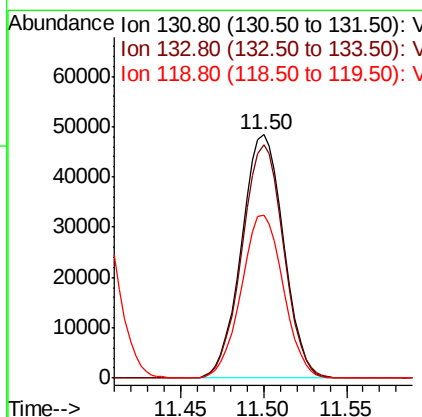
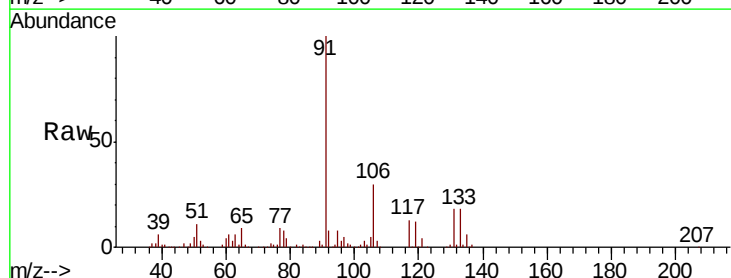
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

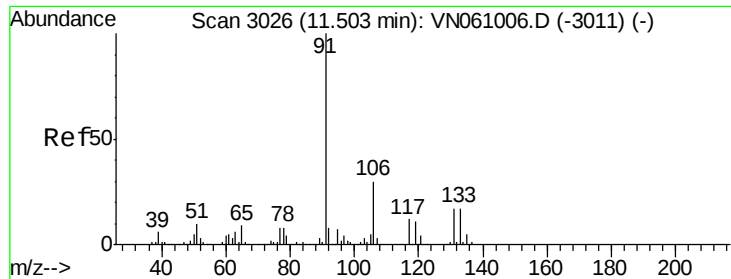
Tot Ion:112 Resp: 234880
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.615 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion:131 Resp: 85738
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 67.0 33.3 99.8

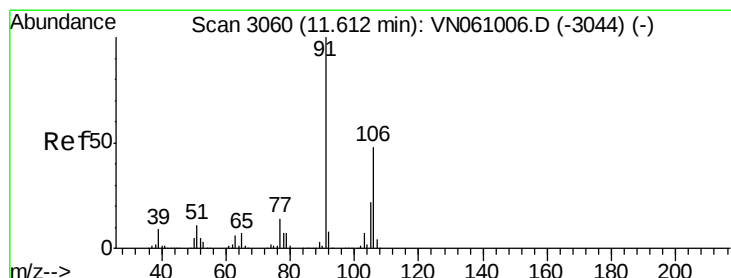
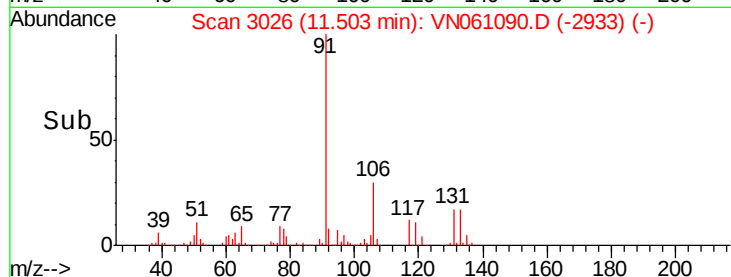
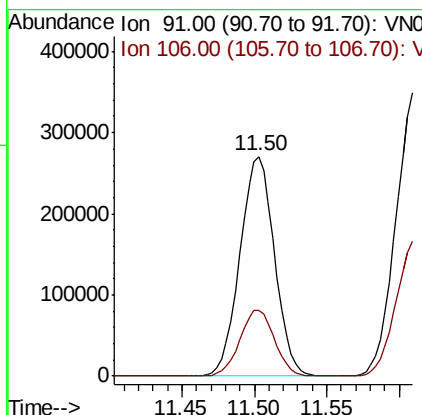
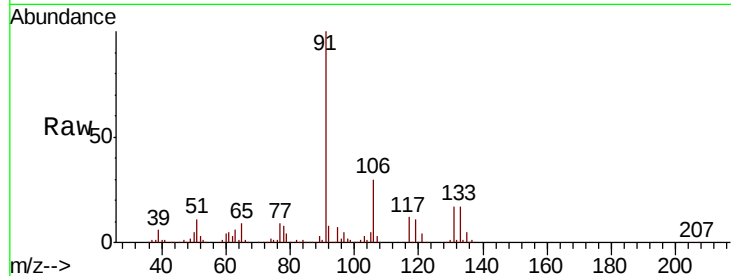




#67
Ethyl Benzene
Concen: 49.192 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

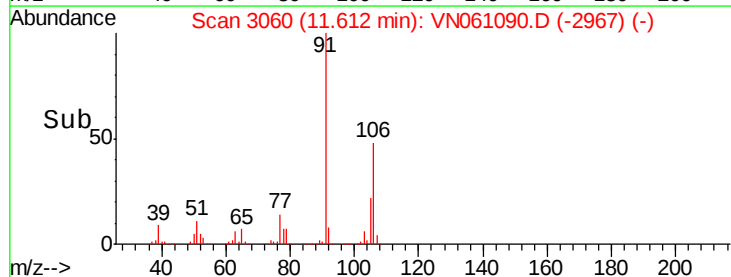
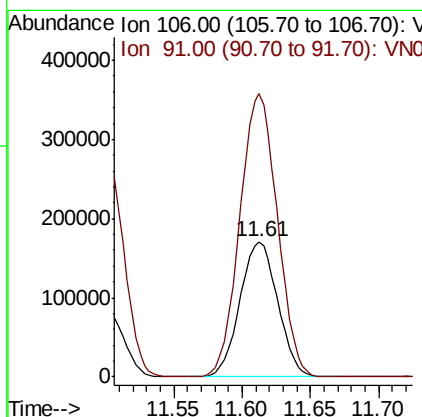
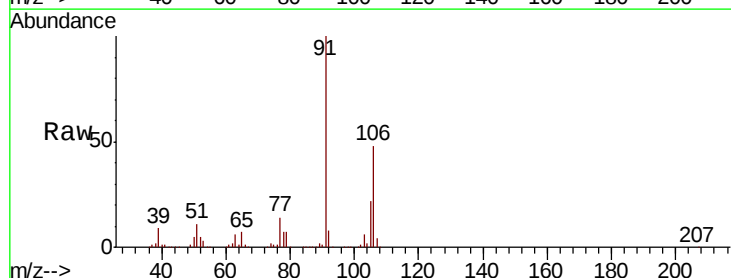
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

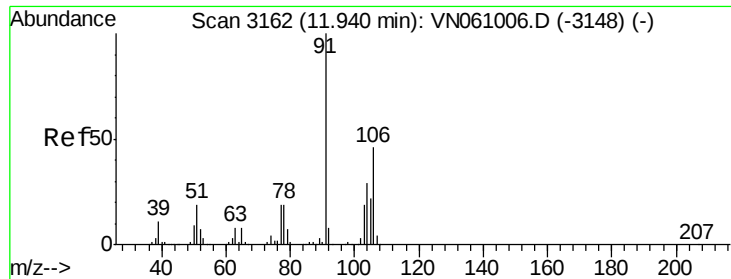
Tot Ion: 91 Resp: 446938
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8



#68
m/p-Xylenes
Concen: 99.740 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 106 Resp: 327499
Ion Ratio Lower Upper
106 100
91 208.8 167.9 251.9

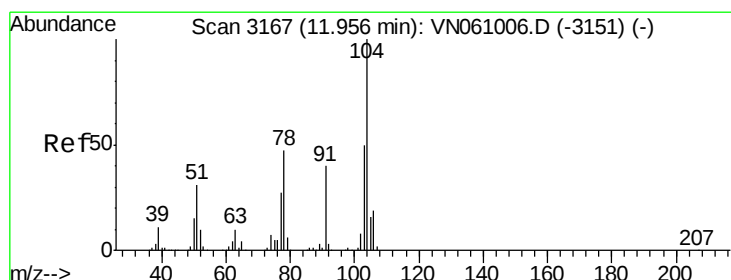
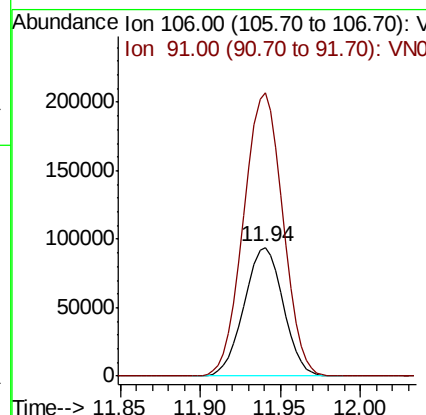
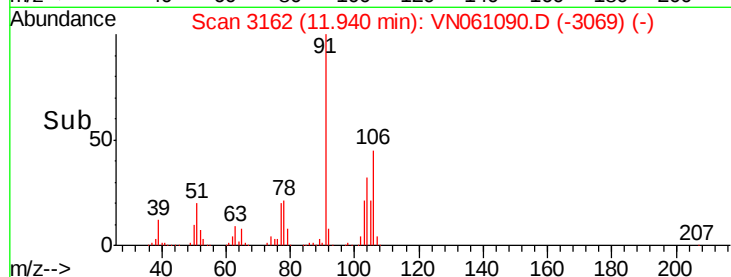
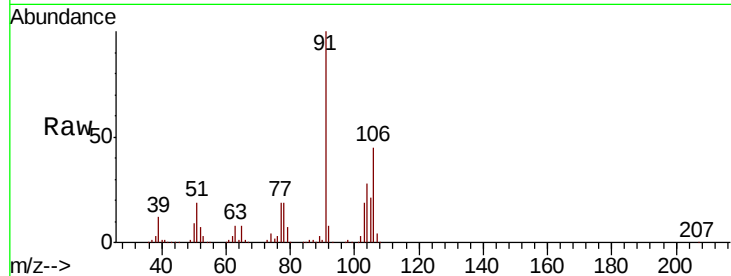




#69
o-Xylene
Concen: 49.593 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

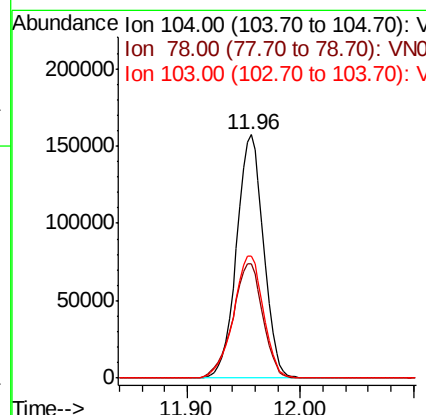
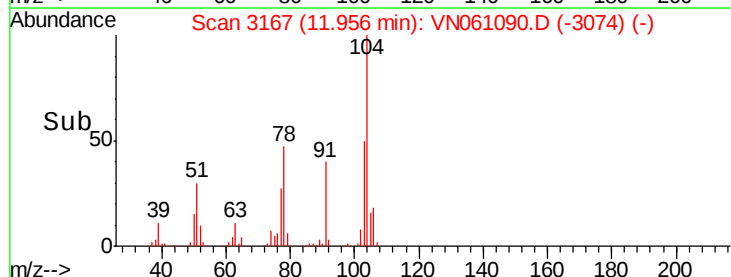
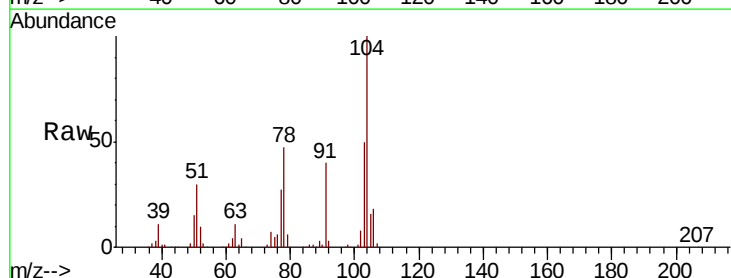
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

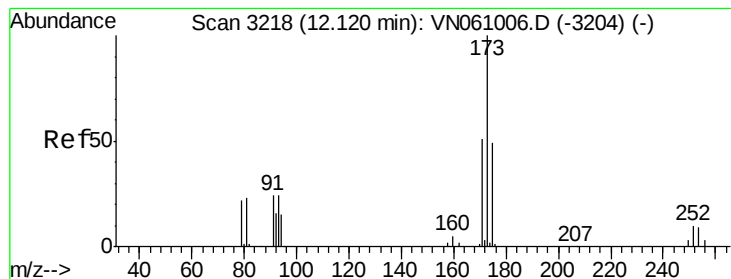
Tot Ion:106 Resp: 156565
Ion Ratio Lower Upper
106 100
91 221.2 110.7 332.1



#70
Styrene
Concen: 51.355 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion:104 Resp: 261012
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 55.8 44.4 66.6





#71

Bromoform

Concen: 52.893 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

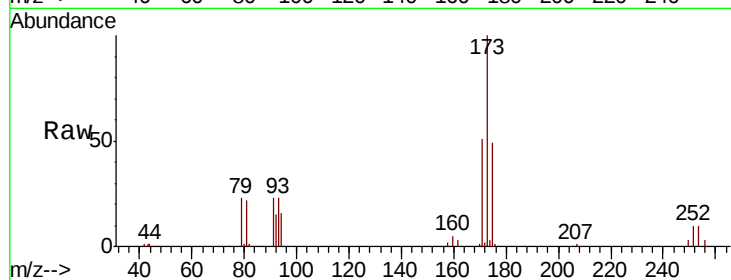
Tot Ion:173 Resp: 68226

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

254 0.0 0.0 0.0

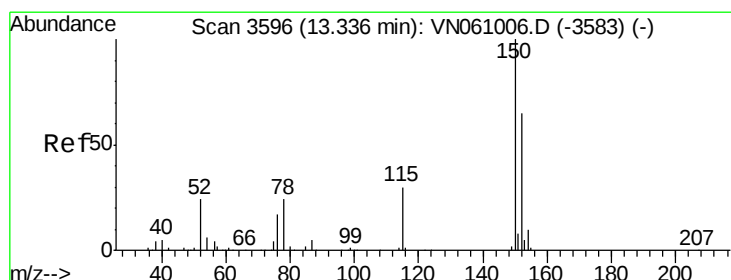
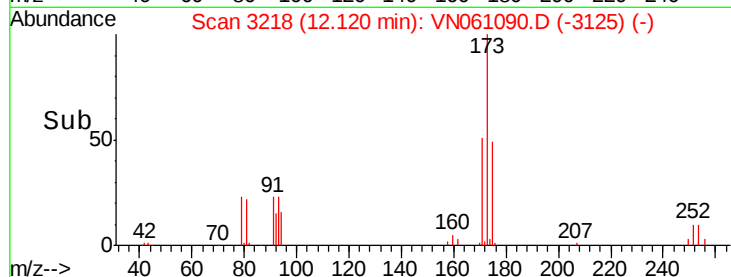
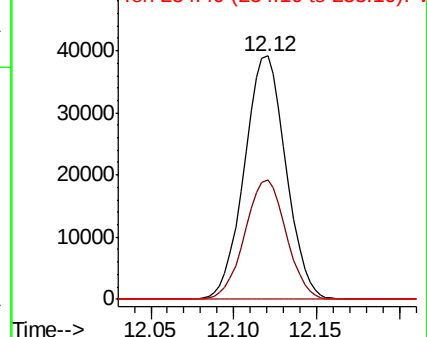


Abundance

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: VN061090.D

Acq: 18 Apr 2020 6:53

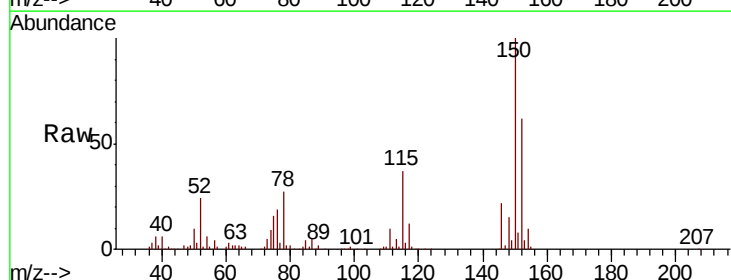
Tgt Ion:152 Resp: 110960

Ion Ratio Lower Upper

152 100

115 60.3 30.8 92.4

150 174.9 0.0 349.0

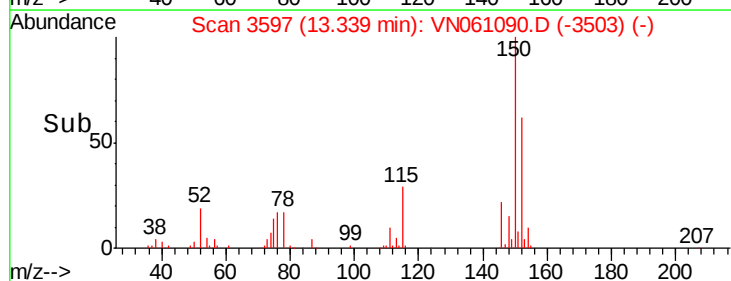
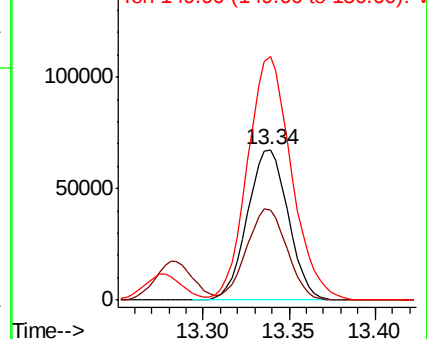


Abundance

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: 47.559 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

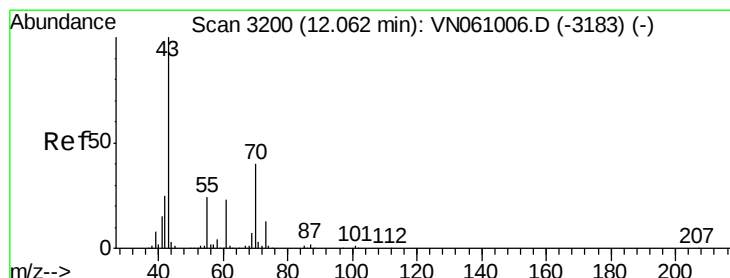
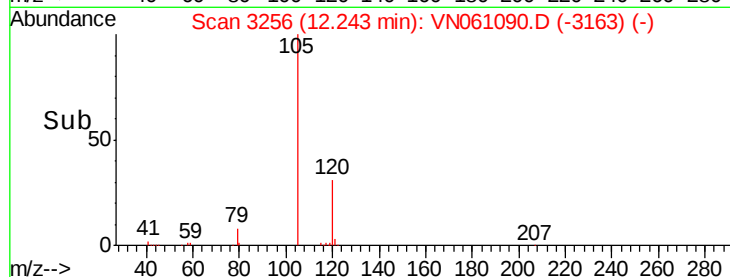
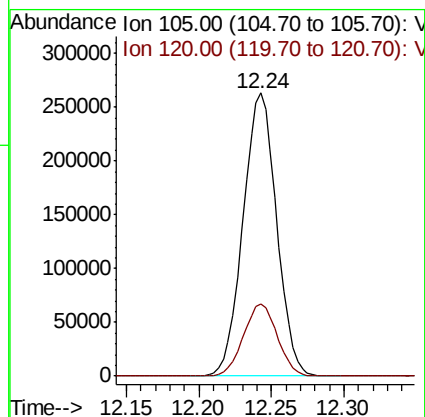
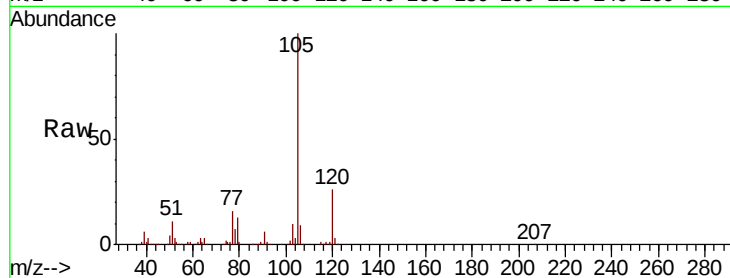
VSTDCCC050EC

Tot Ion:105 Resp: 422780

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 49.232 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Tgt Ion: 43 Resp: 203520

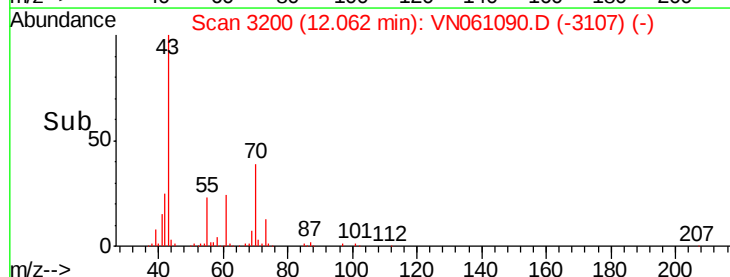
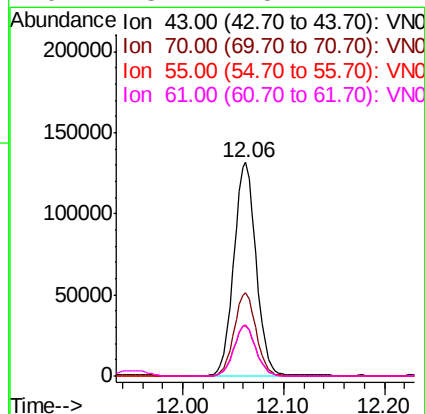
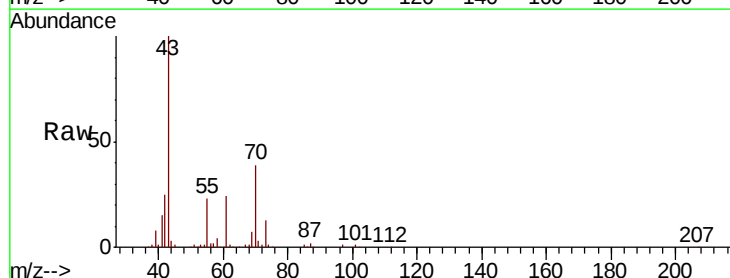
Ion Ratio Lower Upper

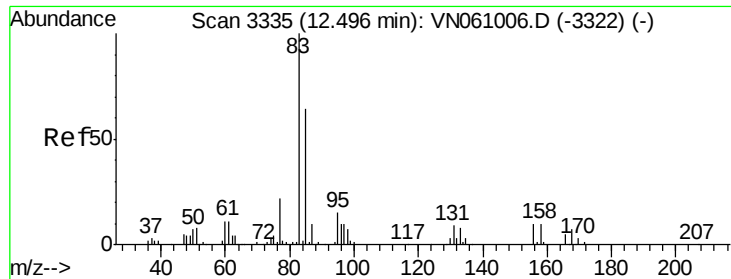
43 100

70 38.5 31.0 46.6

55 23.2 18.6 27.8

61 23.2 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.361 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

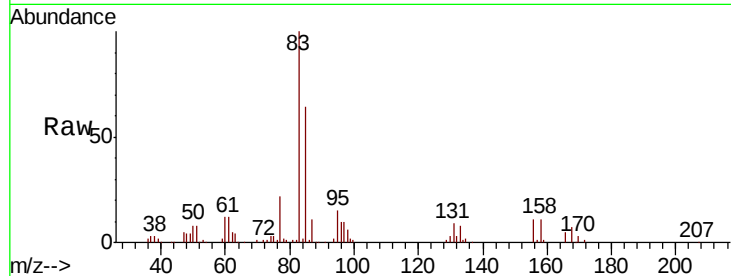
Tot Ion: 83 Resp: 133947

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

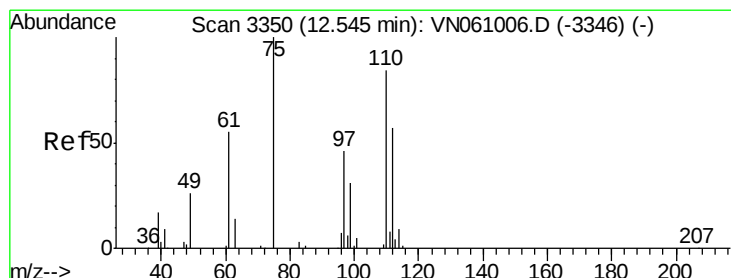
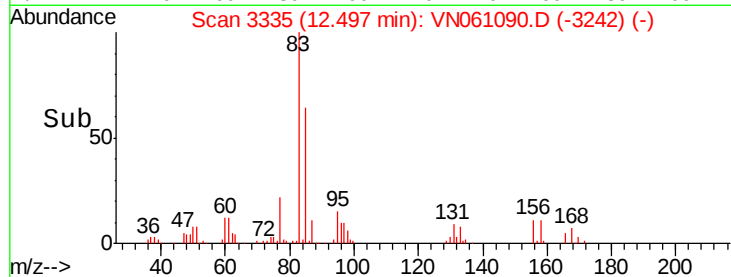
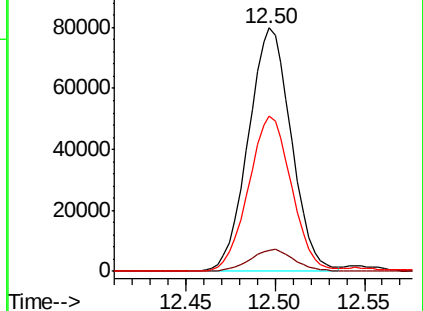
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN061006.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 72.487 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061090.D

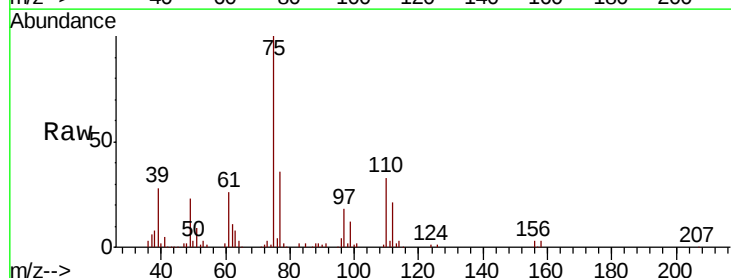
Acq: 18 Apr 2020 6:53

Tgt Ion: 75 Resp: 176917

Ion Ratio Lower Upper

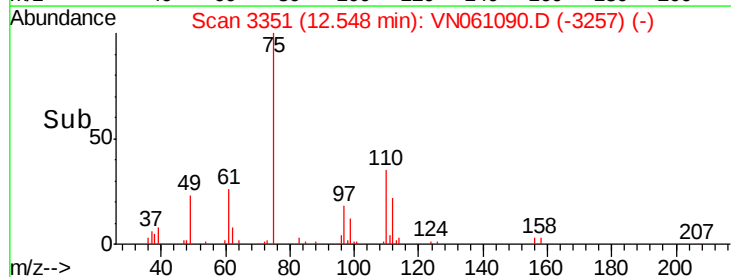
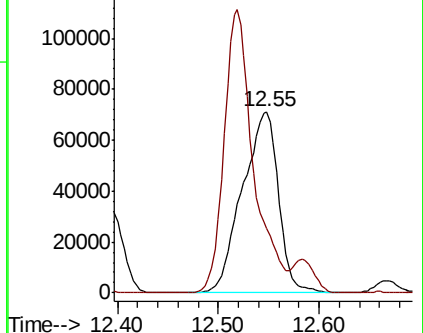
75 100

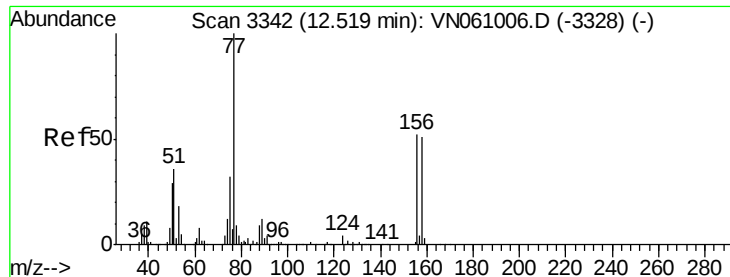
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN061006.D (-3346) (-)





#77

Bromobenzene

Concen: 48.177 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

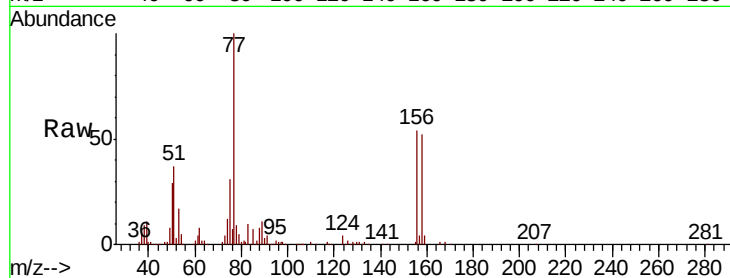
Tot Ion:156 Resp: 99994

Ion Ratio Lower Upper

156 100

77 227.6 115.6 346.8

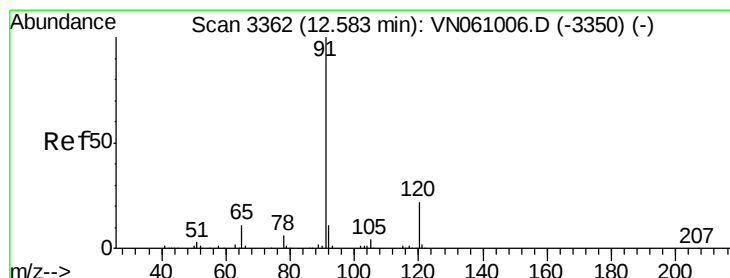
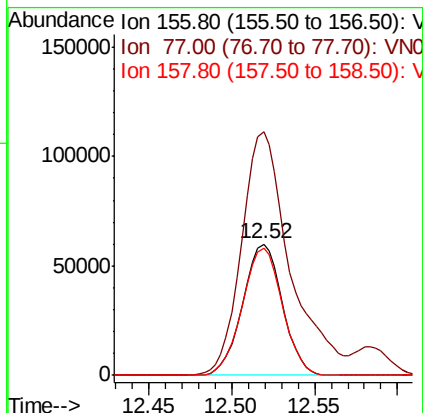
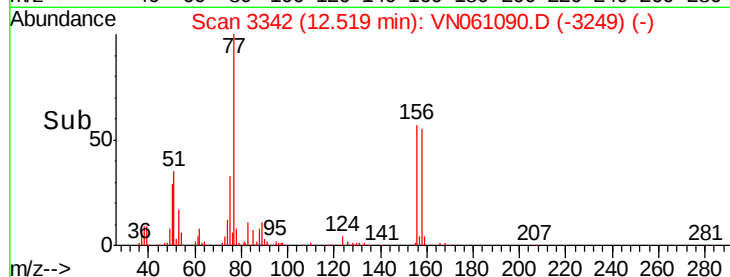
158 97.7 48.9 146.6



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: 48.457 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061090.D

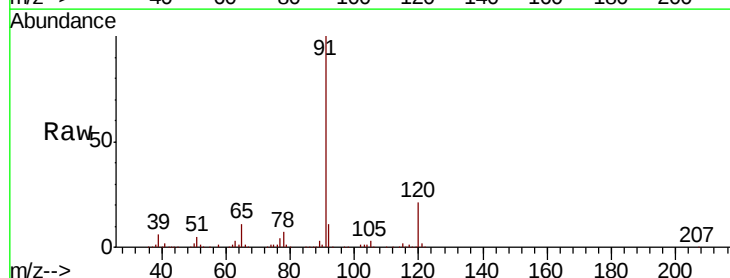
Acq: 18 Apr 2020 6:53

Tgt Ion: 91 Resp: 503978

Ion Ratio Lower Upper

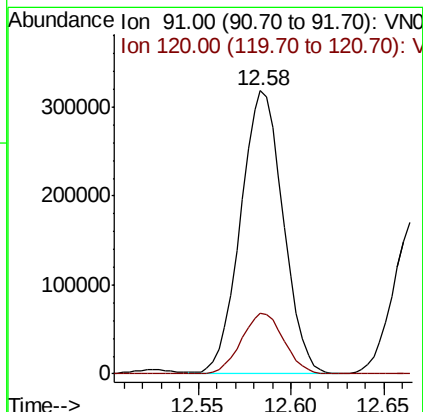
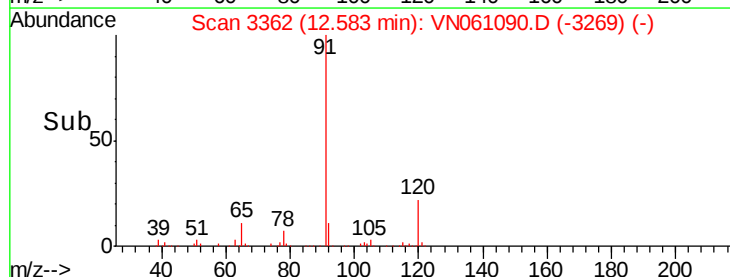
91 100

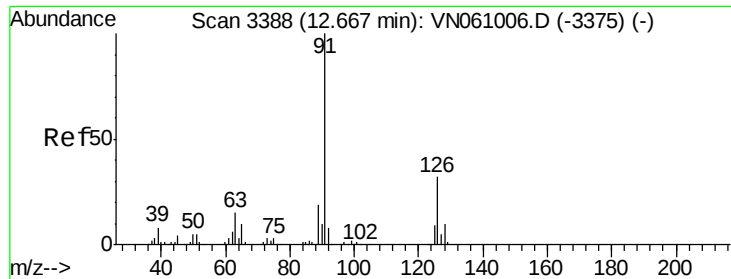
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

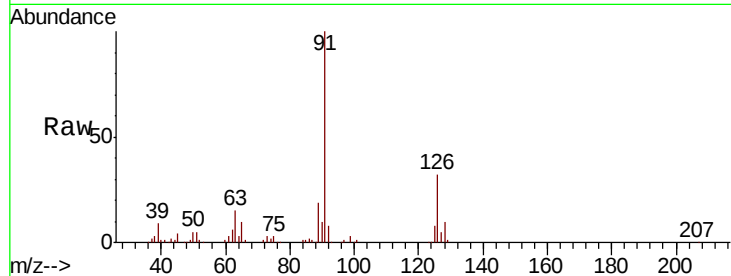




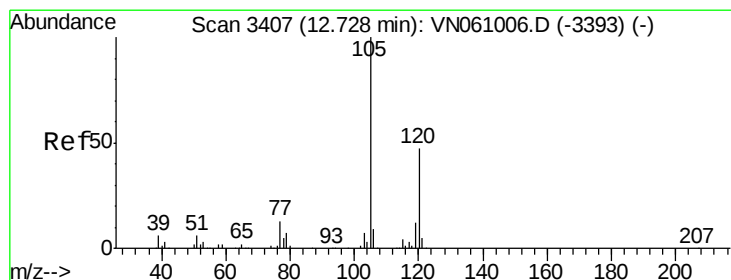
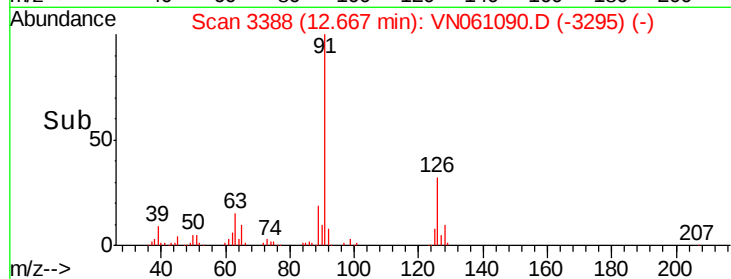
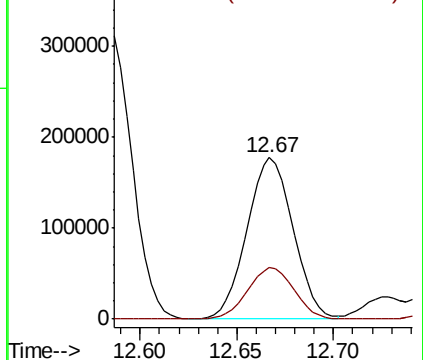
#79
 2-Chlorotoluene
 Concen: 48.157 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 293753
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.2

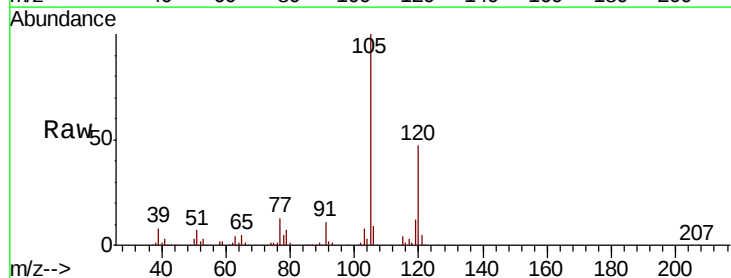


Abundance Ion 91.00 (90.70 to 91.70): VN061090.D (-3295) (-)
 Ion 125.90 (125.60 to 126.60): VN061090.D (-3295) (-)

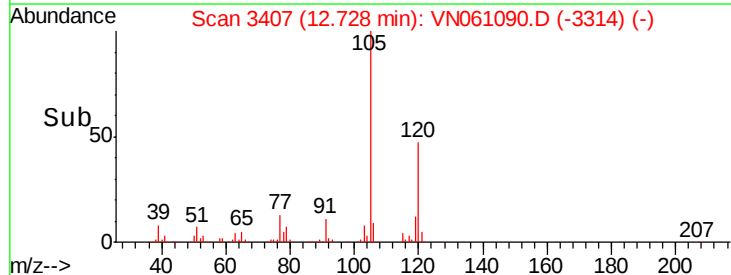
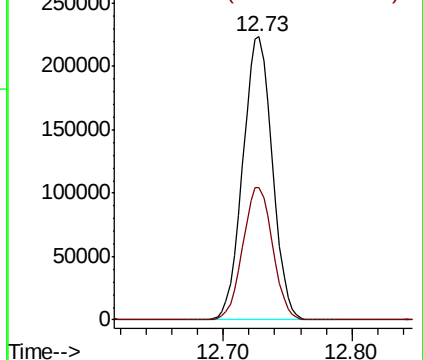


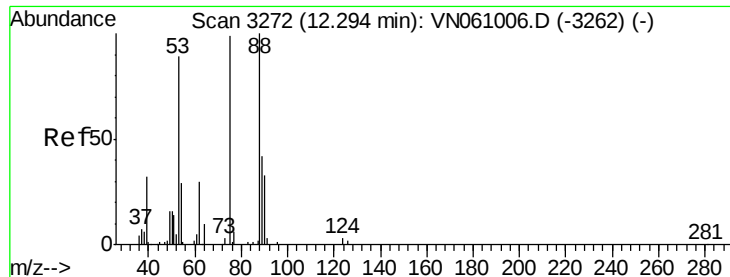
#80
 1,3,5-Trimethylbenzene
 Concen: 48.570 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 105 Resp: 356888
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061090.D (-3314) (-)
 Ion 120.00 (119.70 to 120.70): VN061090.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.386 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

Instrument :

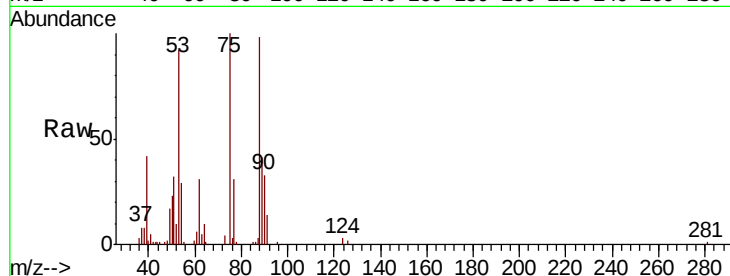
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 42930

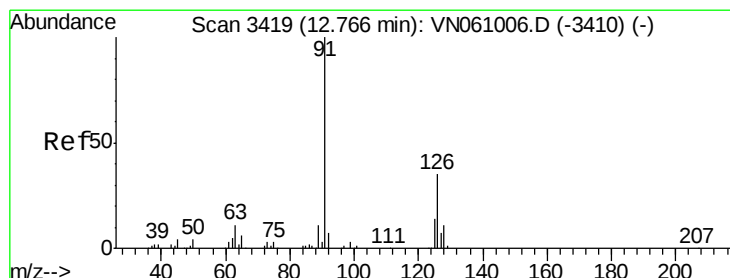
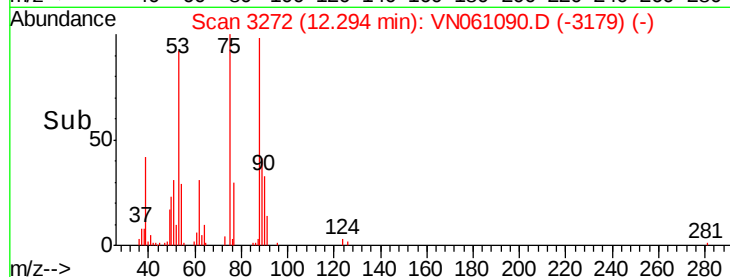
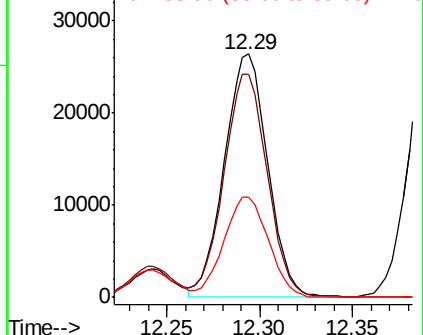
Ion	Ratio	Lower	Upper
75	100		
53	92.1	74.7	112.1
89	42.3	34.6	52.0



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: 48.782 ug/l

RT: 12.77 min Scan# 3419

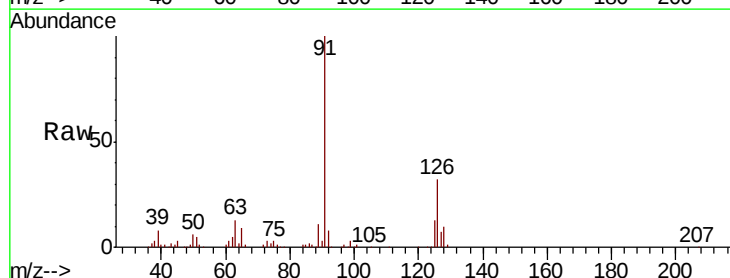
Delta R.T. 0.00 min

Lab File: VN061090.D

Acq: 18 Apr 2020 6:53

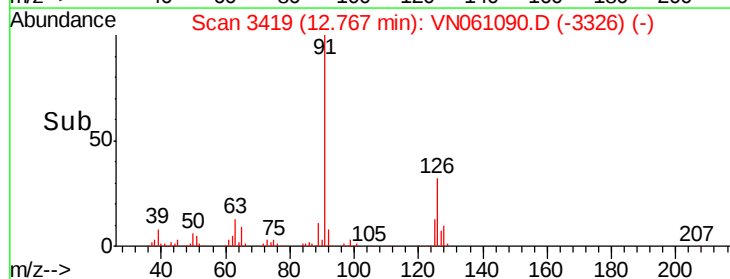
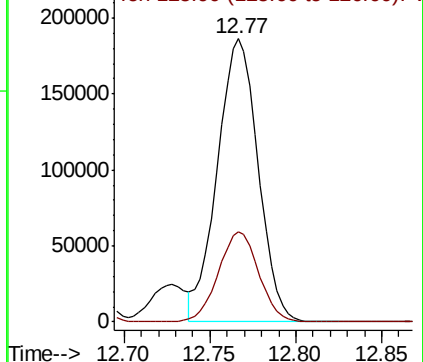
Tgt Ion: 91 Resp: 308617

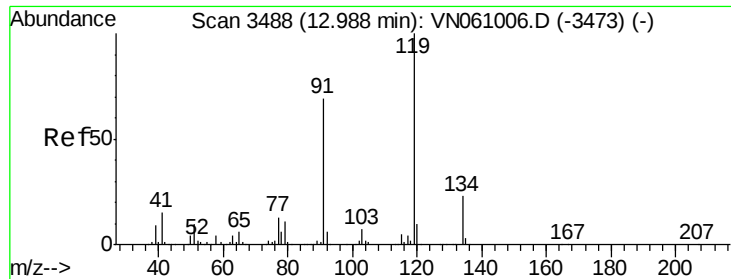
Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

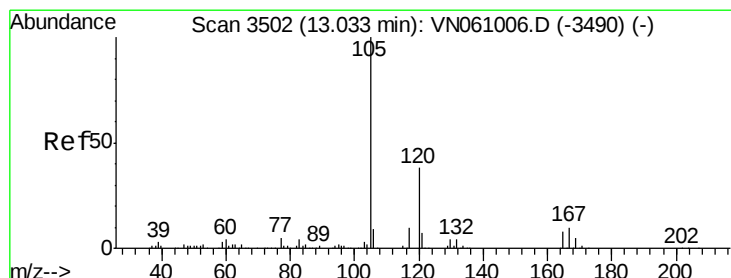
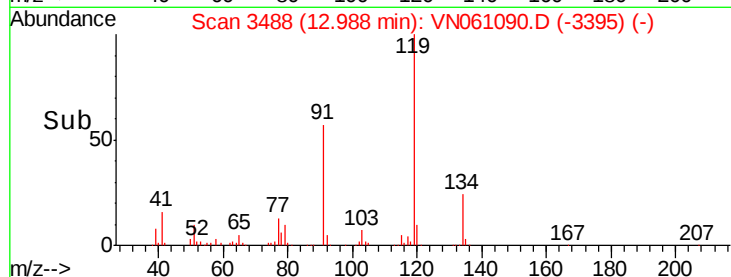
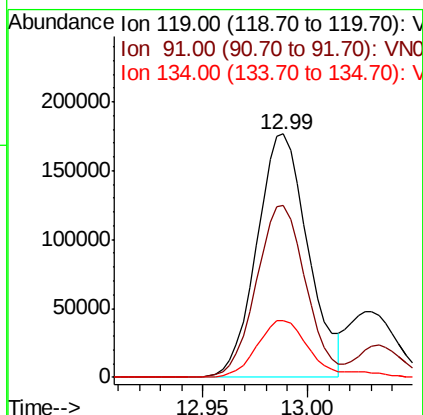
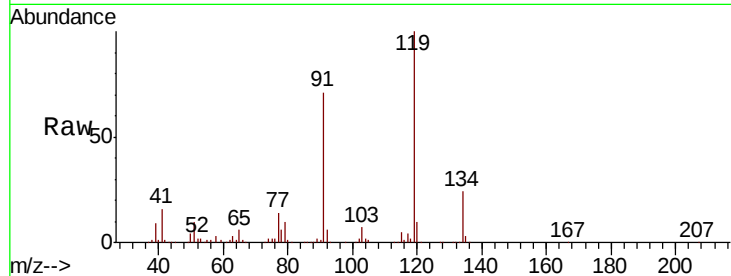




#83
 tert-Butylbenzene
 Concen: 48.236 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

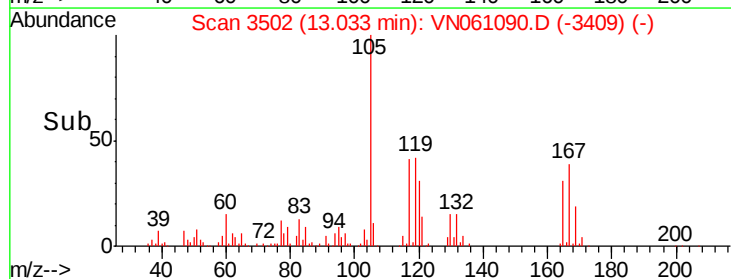
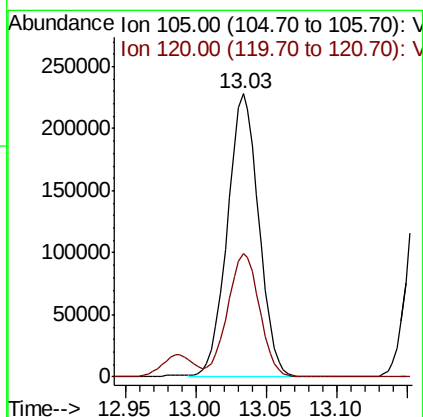
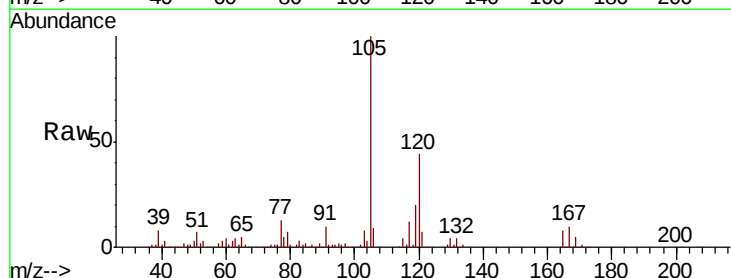
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

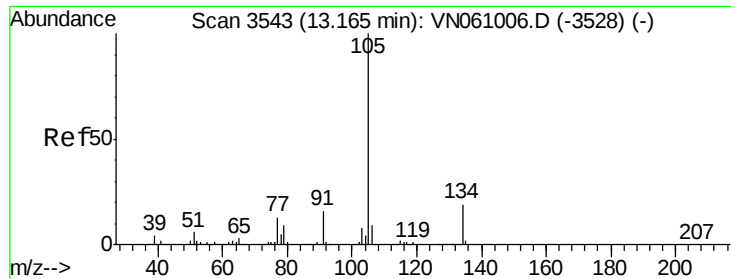
Tot Ion:119 Resp: 298071
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.1 102.3
 134 24.7 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 48.944 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion:105 Resp: 355487
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5

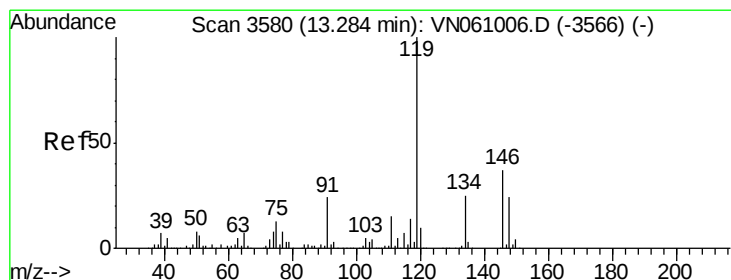
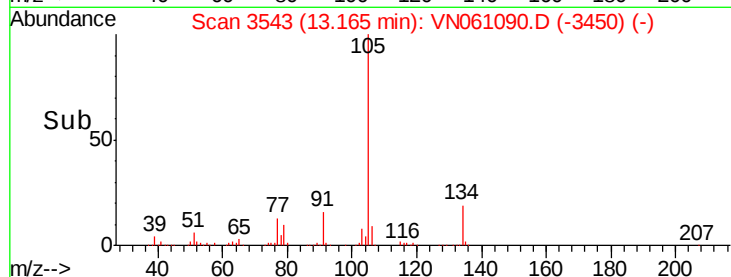
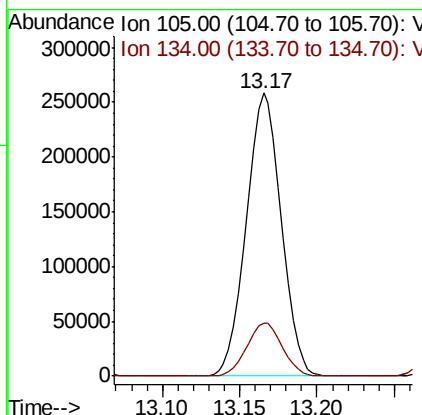
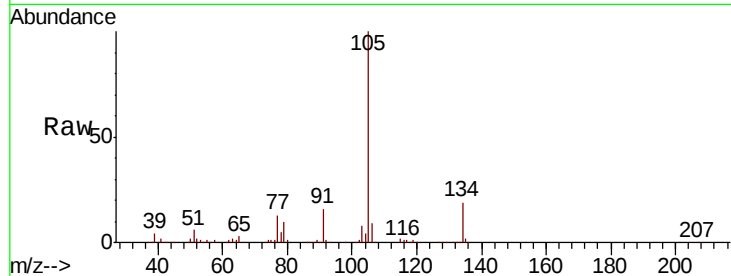




#85
 sec-Butylbenzene
 Concen: 48.524 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

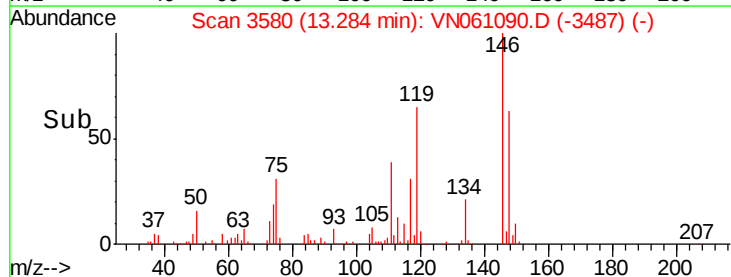
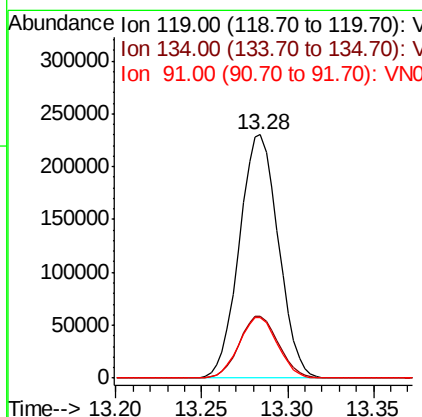
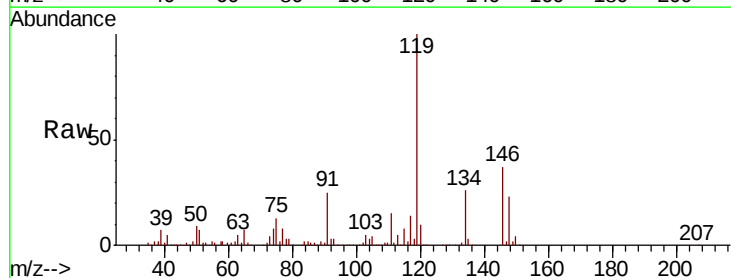
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

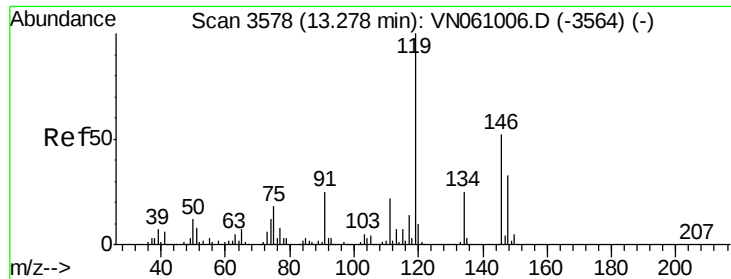
Tot Ion:105 Resp: 406277
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 48.565 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion:119 Resp: 362084
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.8 12.3 36.8

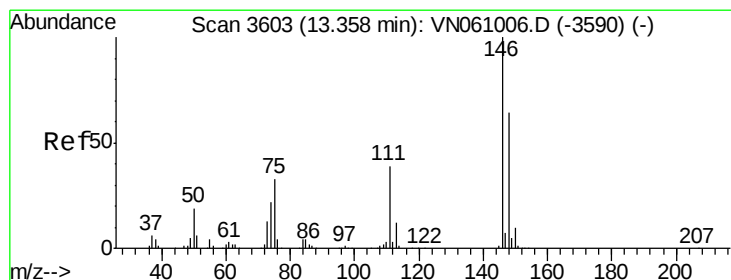
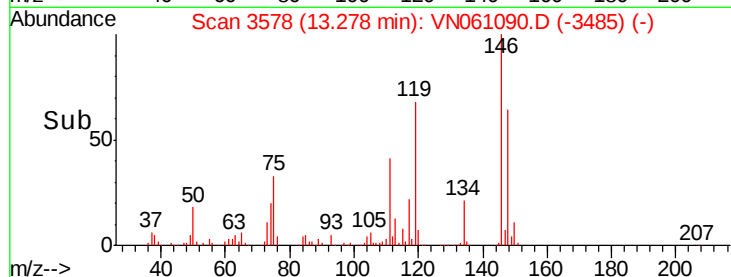
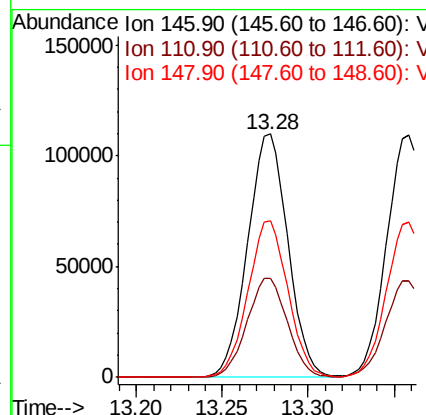
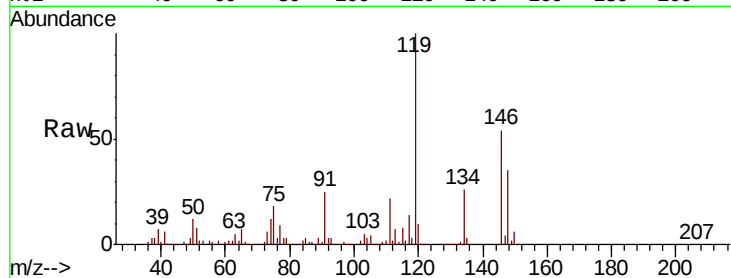




#87
 1,3-Dichlorobenzene
 Concen: 48.182 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

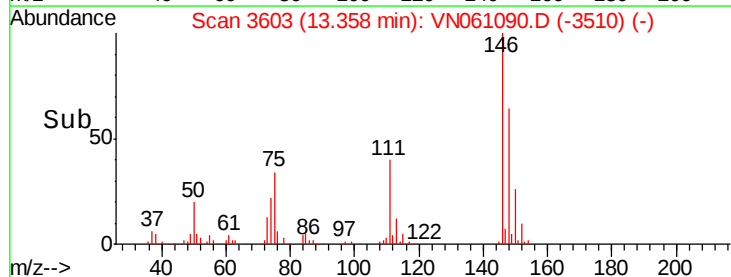
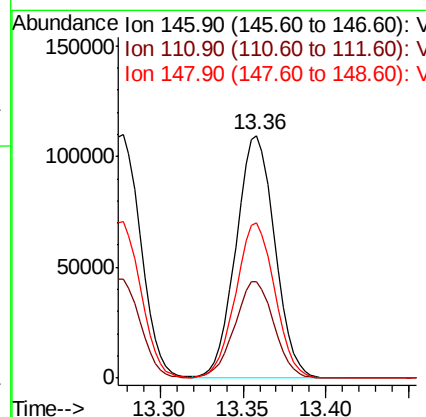
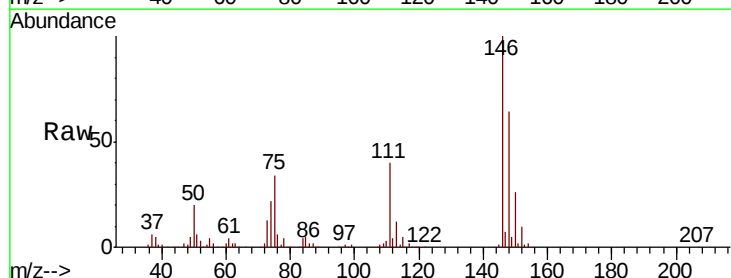
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

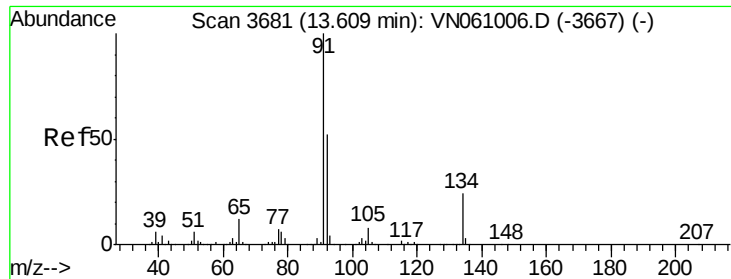
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.8
148	63.9	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.932 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.3
148	64.3	32.1	96.3

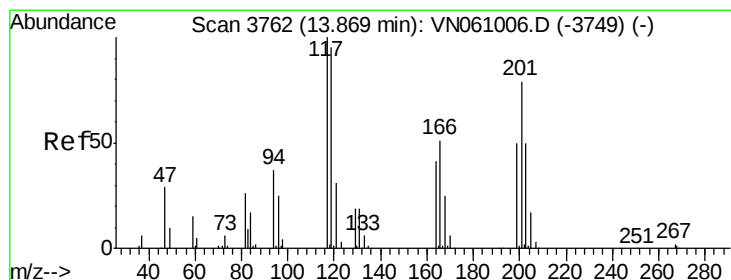
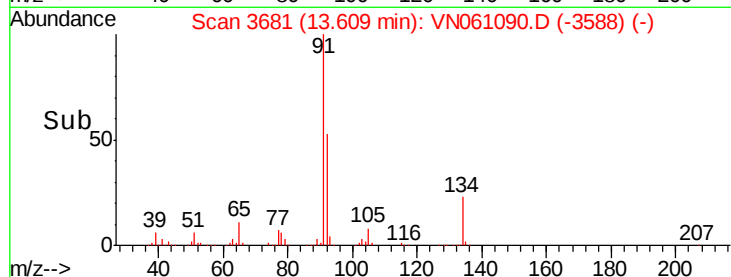
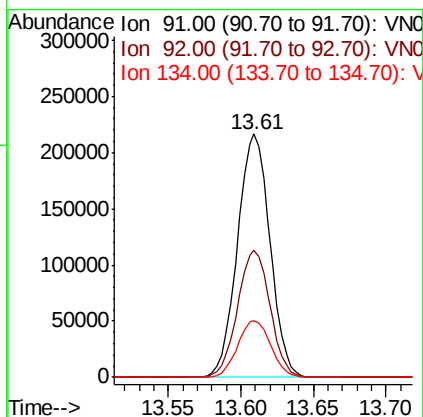
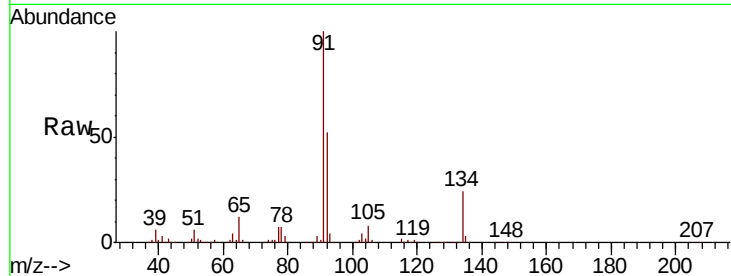




#89
n-Butylbenzene
Concen: 48.667 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

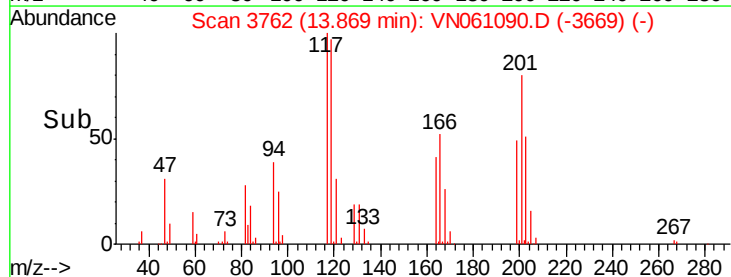
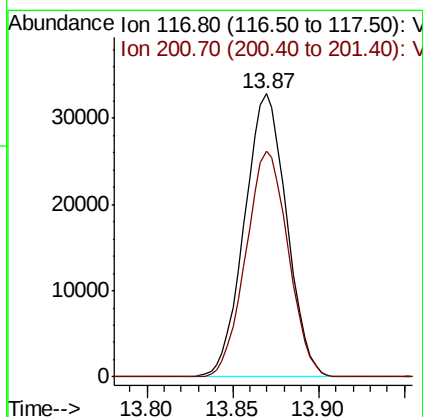
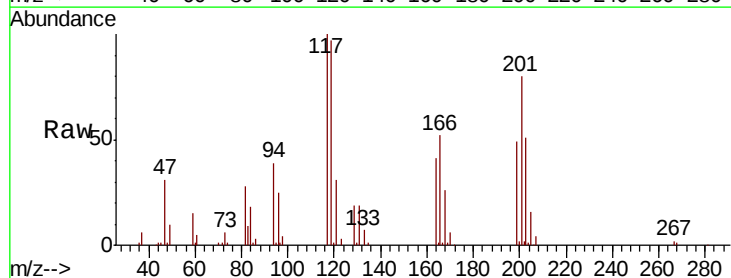
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

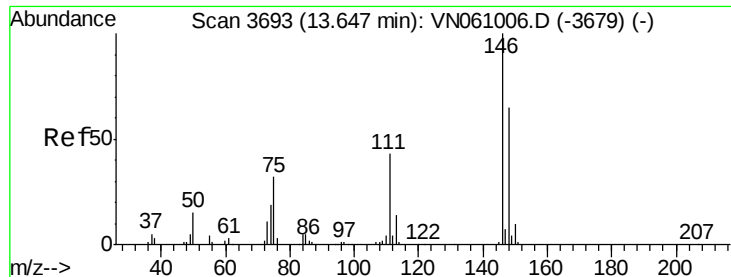
Tot Ion: 91 Resp: 337417
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 23.7 12.3 36.8



#90
Hexachloroethane
Concen: 48.854 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion: 117 Resp: 55883
Ion Ratio Lower Upper
117 100
201 80.0 39.3 117.9

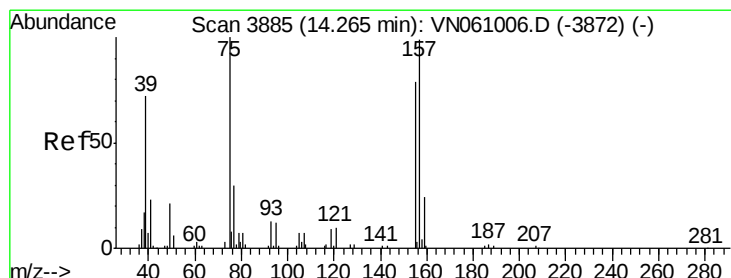
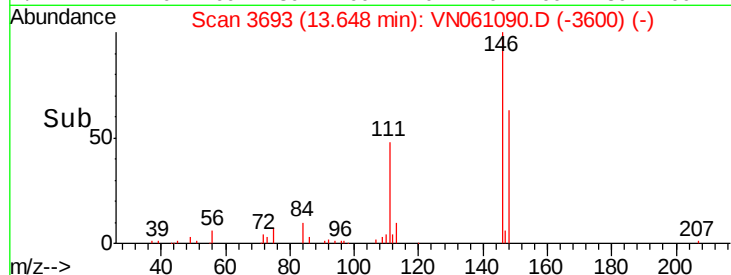
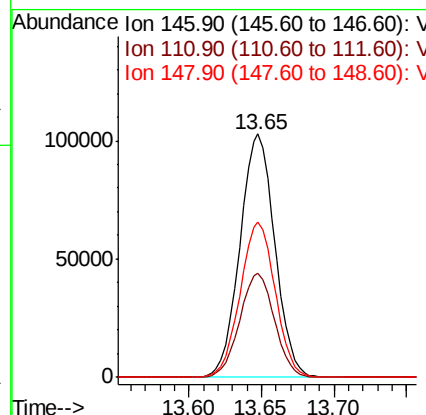
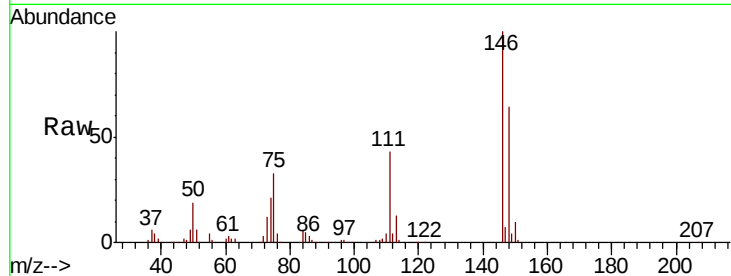




#91
 1,2-Dichlorobenzene
 Concen: 48.637 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

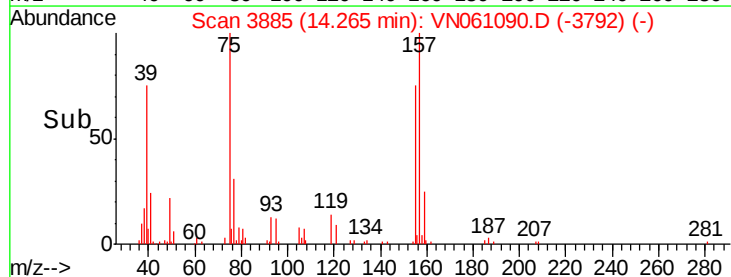
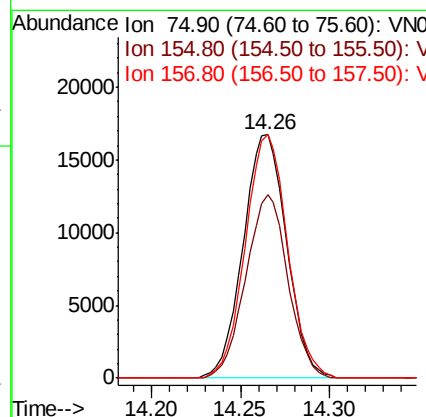
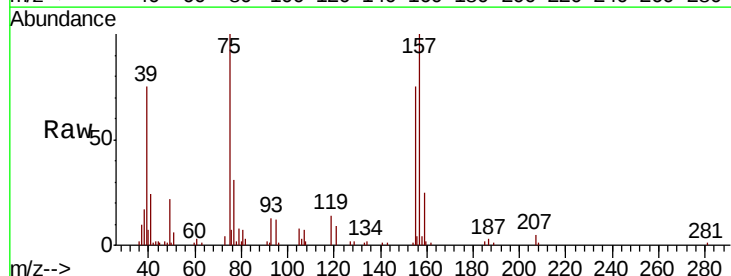
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

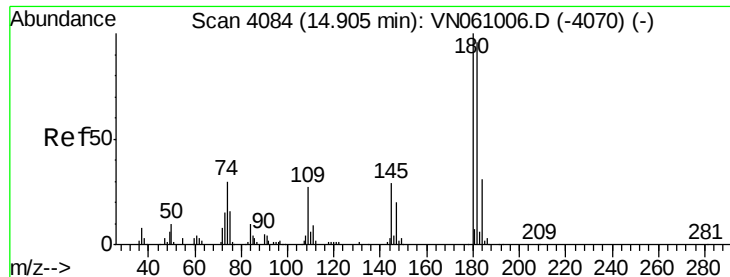
Tot Ion:146 Resp: 171707
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 64.0
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.178 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion: 75 Resp: 28453
 Ion Ratio Lower Upper
 75 100
 155 73.0 39.5 118.5
 157 97.2 50.1 150.4

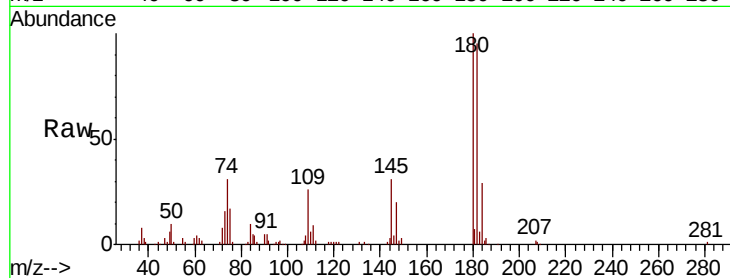




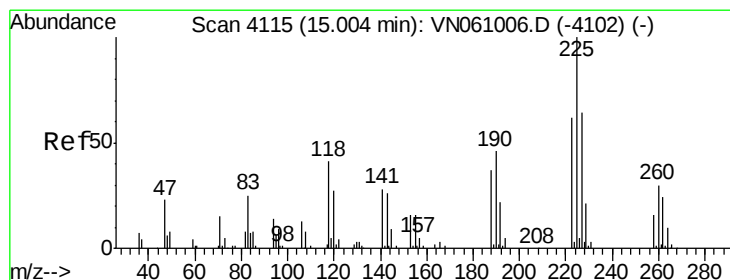
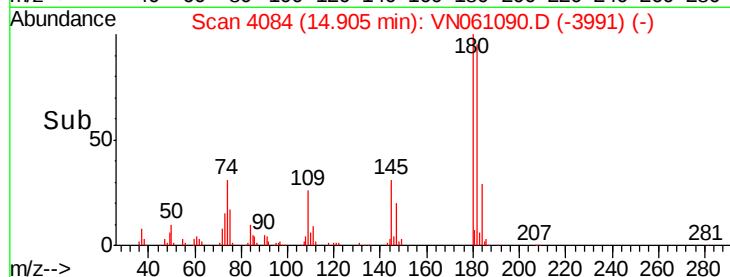
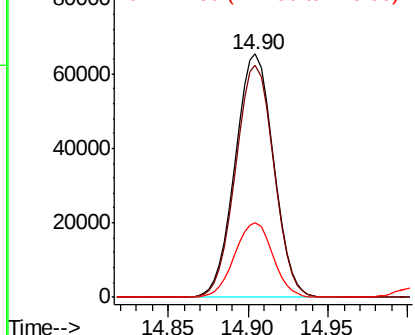
#93
 1,2,4-Trichlorobenzene
 Concen: 51.144 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 106868
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 30.4 15.3 45.8

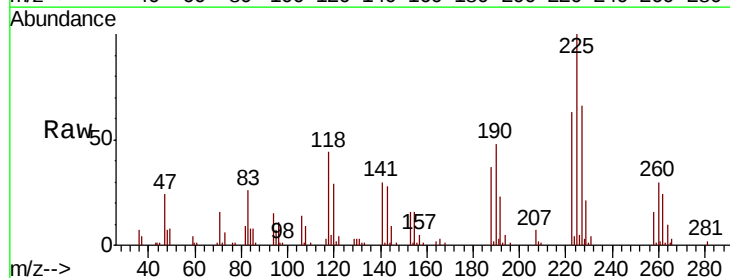


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

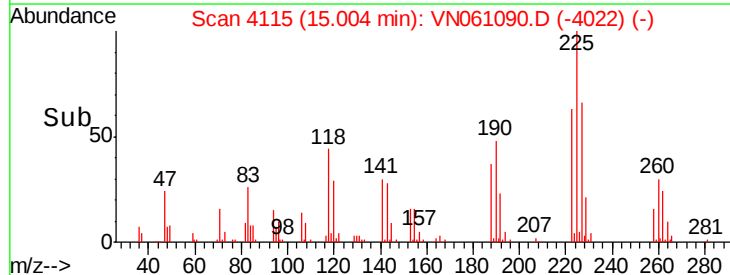
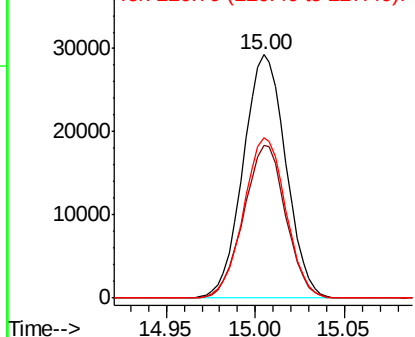


#94
 Hexachlorobutadiene
 Concen: 45.525 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061090.D
 Acq: 18 Apr 2020 6:53

Tgt Ion:225 Resp: 48936
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.3 93.8
 227 65.0 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

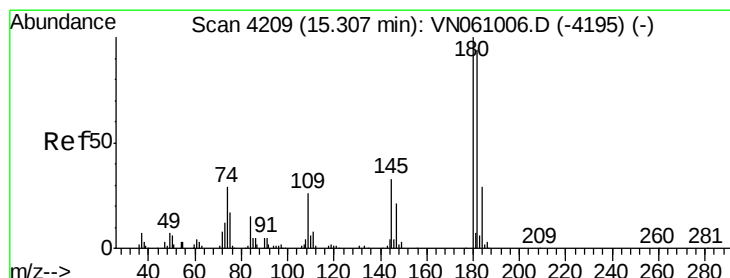
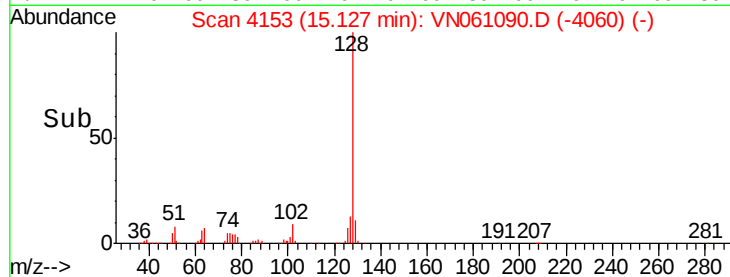
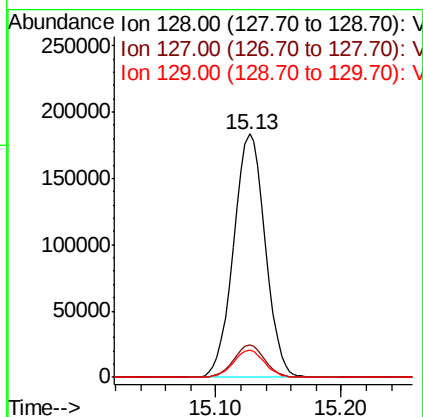
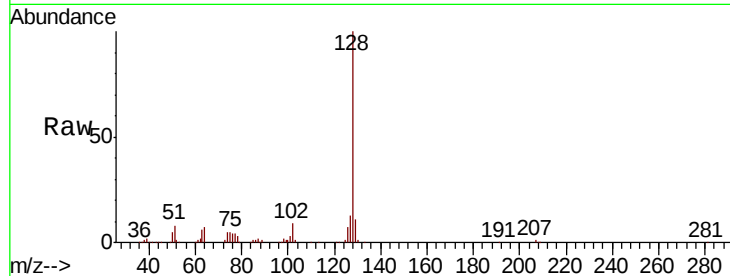




#95
Naphthalene
Concen: 52.713 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 321228
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.426 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061090.D
Acq: 18 Apr 2020 6:53

Tgt Ion:180 Resp: 103557
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.8
145 33.0 16.4 49.2

