

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061353.D
 Acq On : 8 May 2020 11:53
 Operator : JC/MD
 Sample : VN0508WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:10:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	94762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	69230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	79659	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.54	113	44187	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.06	98	200138	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.38	95	73810	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	18430	18.341	ug/l	99
3) Chloromethane	2.03	50	24492	20.124	ug/l	99
4) Vinyl Chloride	2.16	62	26785	19.377	ug/l	99
5) Bromomethane	2.53	94	11568	16.930	ug/l	100
6) Chloroethane	2.67	64	16455	18.781	ug/l	100
7) Trichlorofluoromethane	2.98	101	34919	22.391	ug/l	99
8) Diethyl Ether	3.37	74	14747	22.670	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	20735	20.638	ug/l	99
10) Methyl Iodide	3.91	142	21545	16.686	ug/l	99
11) Tert butyl alcohol	4.72	59	24437	121.662	ug/l	97
12) 1,1-Dichloroethene	3.69	96	19442	19.446	ug/l	97
13) Acrolein	3.56	56	13053	97.517	ug/l	96
14) Allyl chloride	4.27	41	42201	22.764	ug/l	98
15) Acrylonitrile	4.92	53	68372	110.888	ug/l	100
16) Acetone	3.77	43	65286	109.476	ug/l	97
17) Carbon Disulfide	4.01	76	40040	14.498	ug/l	100
18) Methyl Acetate	4.27	43	38886	20.945	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	79343	20.768	ug/l	98
20) Methylene Chloride	4.50	84	23622	20.204	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	20903	19.200	ug/l	98
22) Diisopropyl ether	5.90	45	90545	21.062	ug/l	99
23) Vinyl Acetate	5.84	43	362840	104.825	ug/l	99
24) 1,1-Dichloroethane	5.79	63	45412	20.218	ug/l	100
25) 2-Butanone	6.78	43	96427	108.680	ug/l	99
26) 2,2-Dichloropropane	6.77	77	39005	20.617	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	24850	19.450	ug/l	97
28) Bromochloromethane	7.14	49	22378	21.020	ug/l	98
29) Tetrahydrofuran	7.16	42	64424	107.791	ug/l	98
30) Chloroform	7.32	83	44709	19.642	ug/l	98
31) Cyclohexane	7.61	56	37542	17.211	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	38132	19.238	ug/l	98
36) 1,1-Dichloropropene	7.75	75	31236	19.411	ug/l	98
37) Ethyl Acetate	6.88	43	41123	21.799	ug/l	100
38) Carbon Tetrachloride	7.73	117	28192	20.611	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	29880	16.557	ug/l	99
40) Benzene	8.00	78	95561	19.933	ug/l	100
41) Methacrylonitrile	7.16	41	58746	75.002	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	39266	21.620	ug/l	99
43) Isopropyl Acetate	8.12	43	65880	21.042	ug/l	99
44) Trichloroethene	8.80	130	23629	18.233	ug/l	99
45) 1,2-Dichloropropane	9.08	63	26983	21.068	ug/l	99
46) Dibromomethane	9.17	93	16461	20.757	ug/l	97
47) Bromodichloromethane	9.37	83	35992	21.145	ug/l	99
48) Methyl methacrylate	9.17	41	30104	21.308	ug/l	96
49) 1,4-Dioxane	9.17	88	7126	444.351	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	203926	110.658	ug/l	99
52) Toluene	10.12	92	57104	19.775	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	38697	20.176	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	41131	20.285	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23913	20.762	ug/l	98
56) Ethyl methacrylate	10.40	69	35584	19.489	ug/l	97
57) 1,3-Dichloropropane	10.68	76	42670	21.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	91316	97.946	ug/l	98
59) 2-Hexanone	10.72	43	145780	108.734	ug/l	98
60) Dibromochloromethane	10.87	129	25095	20.803	ug/l	97
61) 1,2-Dibromoethane	10.98	107	23632	20.471	ug/l	99
64) Tetrachloroethene	10.60	164	22765	17.530	ug/l	99
65) Chlorobenzene	11.40	112	59623	20.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22013	20.679	ug/l	99
67) Ethyl Benzene	11.48	91	107189	19.251	ug/l	100
68) m/p-Xylenes	11.59	106	78540	38.538	ug/l	99
69) o-Xylene	11.92	106	36468	18.629	ug/l	95
70) Styrene	11.94	104	63816	19.477	ug/l	99
71) Bromoform	12.10	173	16665	21.301	ug/l #	98
73) Isopropylbenzene	12.22	105	100272	19.702	ug/l	99
74) N-amyl acetate	12.04	43	52767	20.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	35339	22.268	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	47972	32.868	ug/l #	100
77) Bromobenzene	12.50	156	24381	20.752	ug/l	98
78) n-propylbenzene	12.57	91	120016	19.881	ug/l	100
79) 2-Chlorotoluene	12.65	91	71754	20.223	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	84713	20.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	12032	20.934	ug/l	96
82) 4-Chlorotoluene	12.75	91	75969	20.314	ug/l	99
83) tert-Butylbenzene	12.97	119	67206	18.921	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	84643	19.504	ug/l	100
85) sec-Butylbenzene	13.15	105	92112	19.022	ug/l	99
86) p-Isopropyltoluene	13.26	119	81490	18.677	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	43031	19.896	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	43802	19.821	ug/l	98
89) n-Butylbenzene	13.59	91	72222	18.056	ug/l	99
90) Hexachloroethane	13.85	117	10787	27.714	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	41805	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7351	21.933	ug/l	94

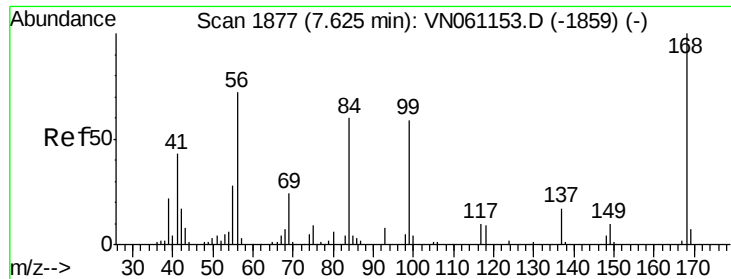
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	23299	18.450	ug/l	99
94) Hexachlorobutadiene	14.99	225	10882	20.626	ug/l	96
95) Naphthalene	15.11	128	74384	18.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	23508	18.855	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

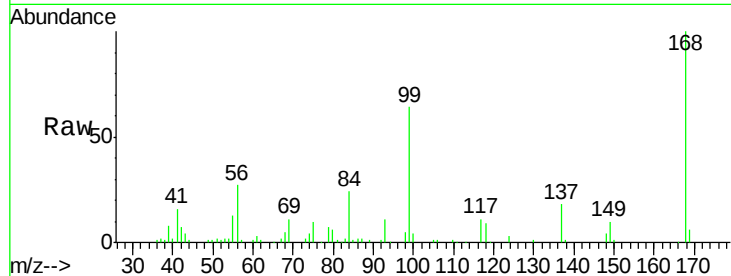
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 94762

Ion Ratio Lower Upper

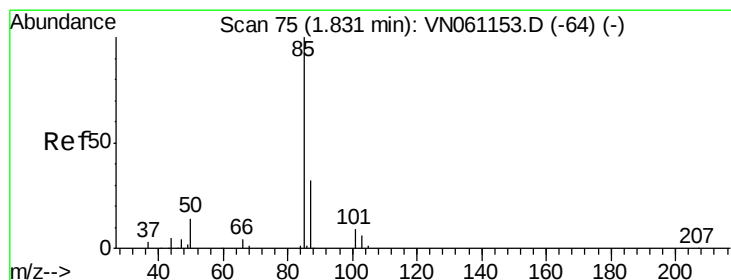
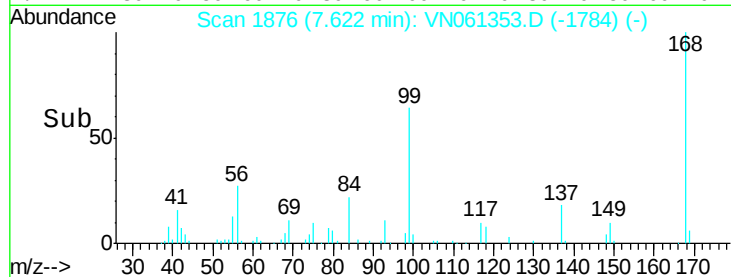
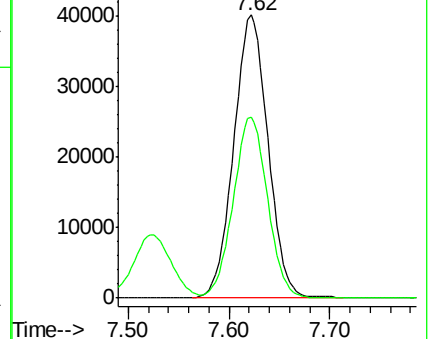
168 100

99 64.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.341 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061353.D

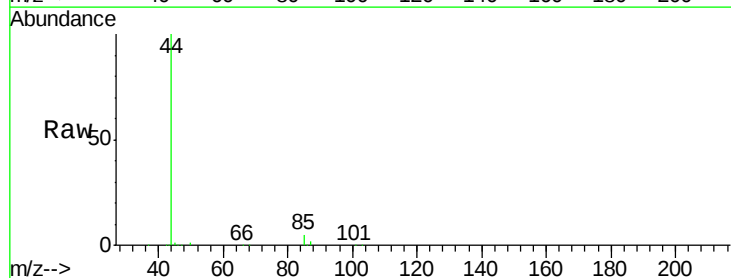
Acq: 8 May 2020 11:53

Tgt Ion: 85 Resp: 18430

Ion Ratio Lower Upper

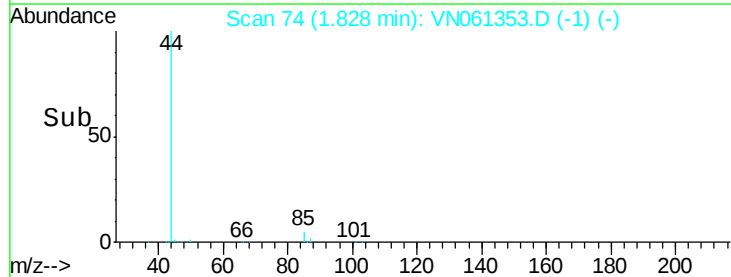
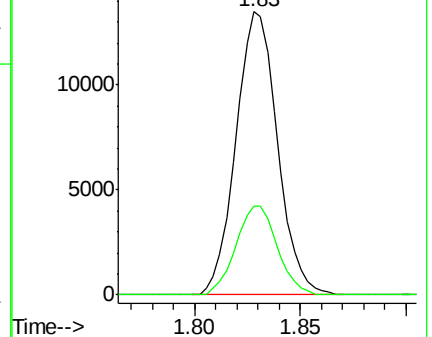
85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 20.124 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

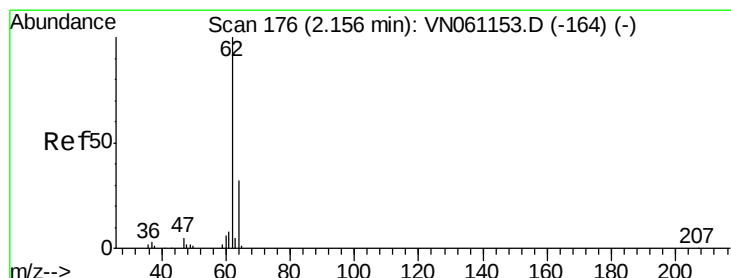
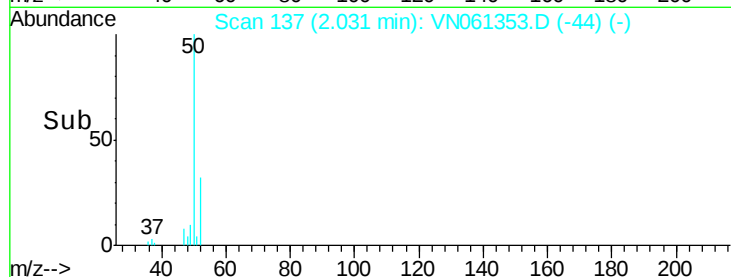
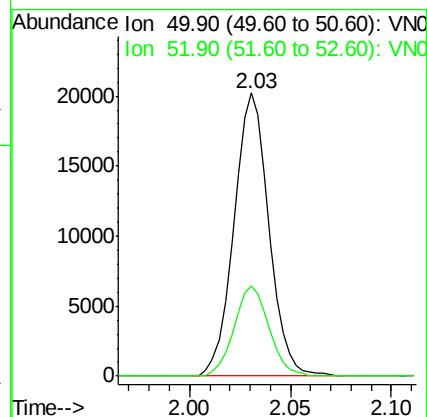
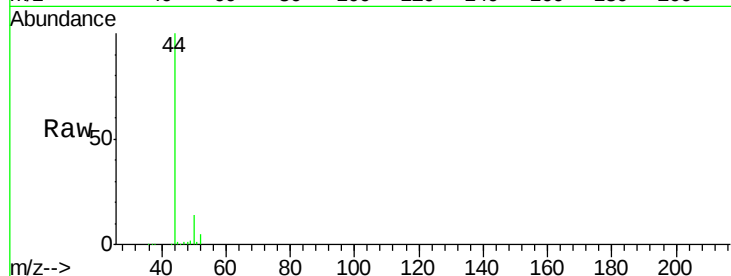
ClientSampled :

Tot Ion: 50 Resp: 24492

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0



#4

Vinyl Chloride

Concen: 19.377 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061353.D

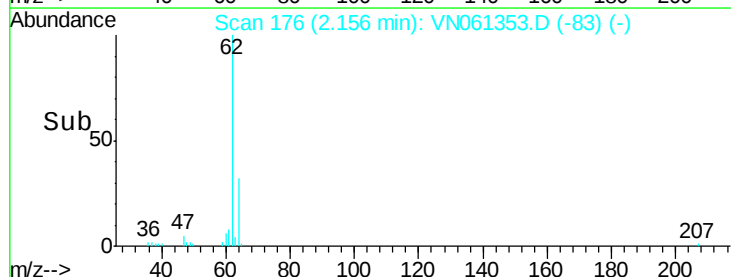
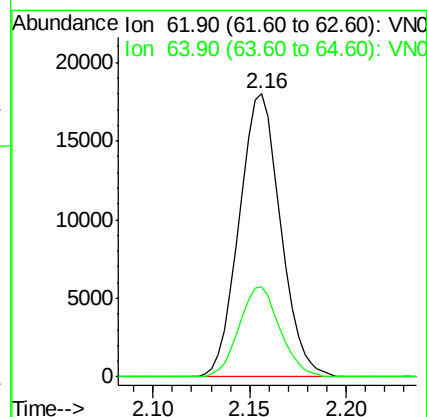
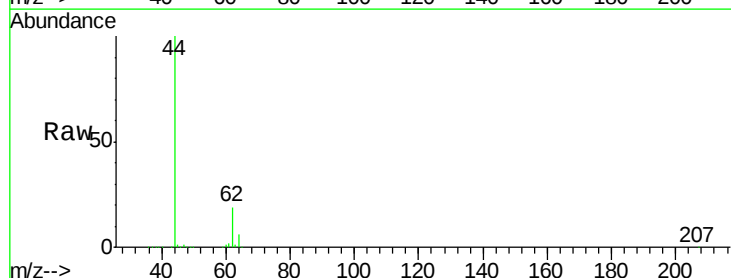
Acq: 8 May 2020 11:53

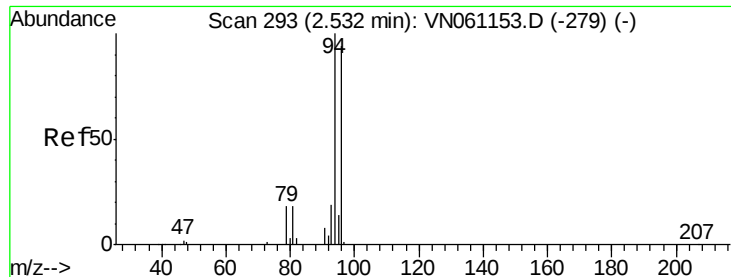
Tgt Ion: 62 Resp: 26785

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 16.930 ug/l

RT: 2.53 min Scan# 293

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

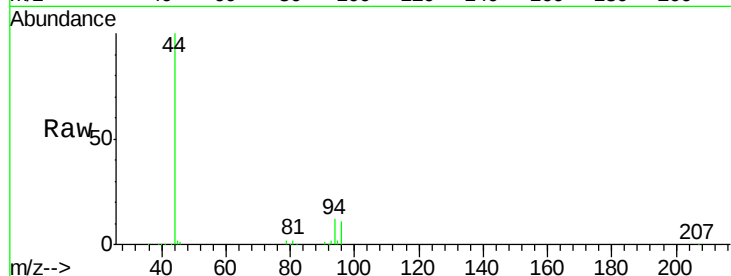
ClientSampled :

Tot Ion: 94 Resp: 11568

Ion Ratio Lower Upper

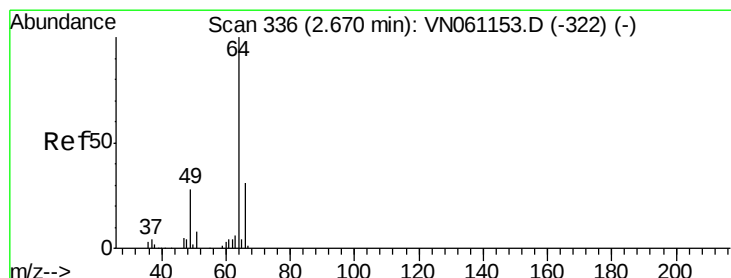
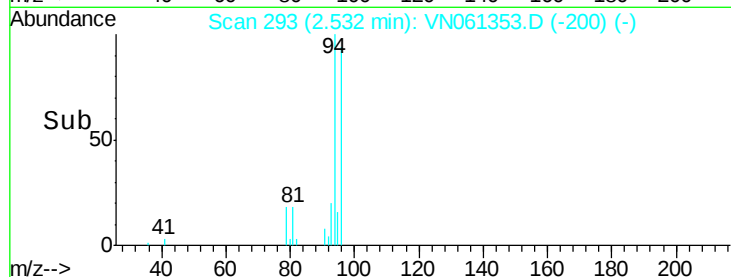
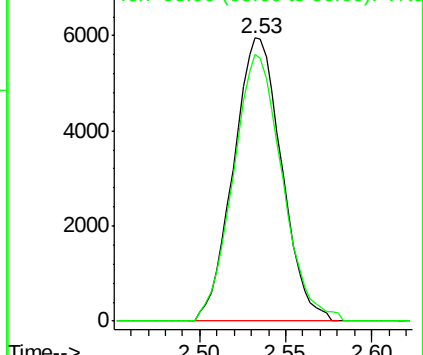
94 100

96 94.2 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.781 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061353.D

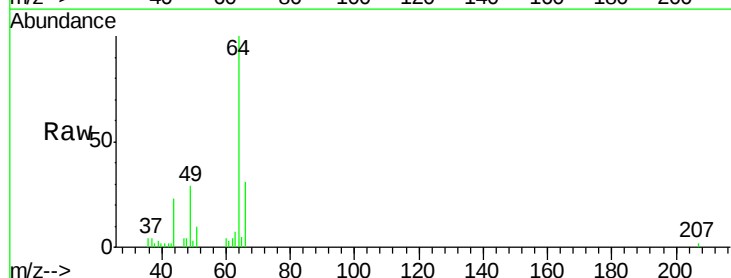
Acq: 8 May 2020 11:53

Tgt Ion: 64 Resp: 16455

Ion Ratio Lower Upper

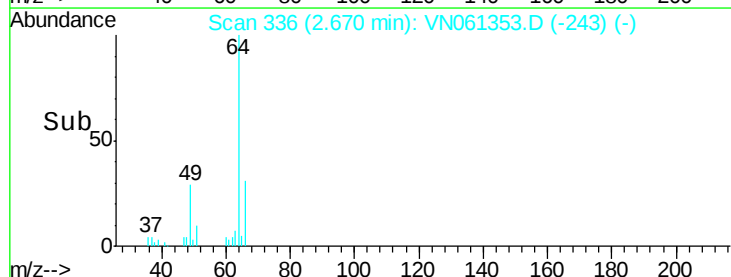
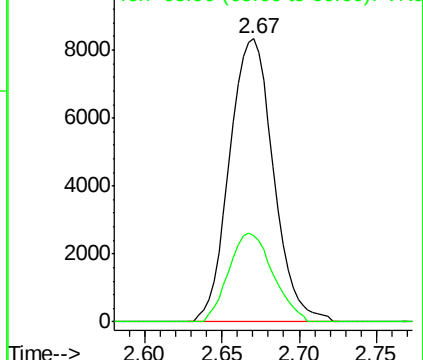
64 100

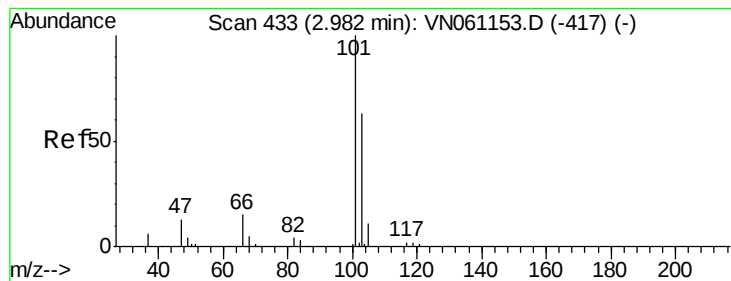
66 30.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



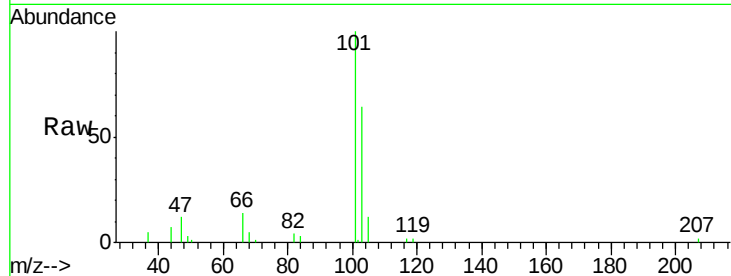


#7

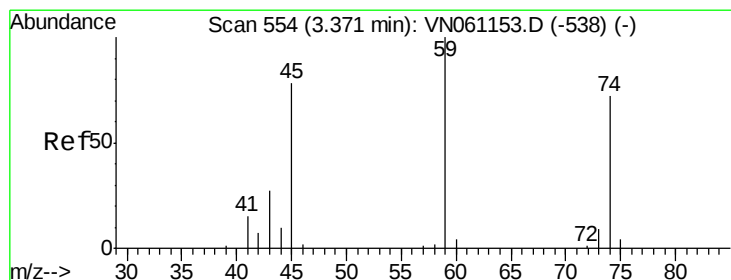
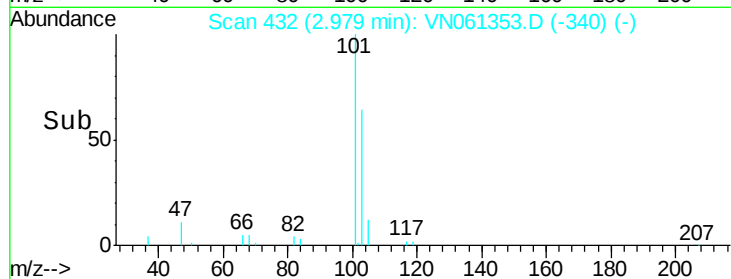
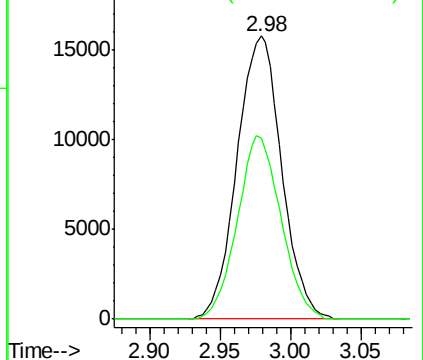
Trichlorofluoromethane
Concen: 22.391 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 34919
Ion Ratio Lower Upper
101 100
103 64.0 50.6 76.0



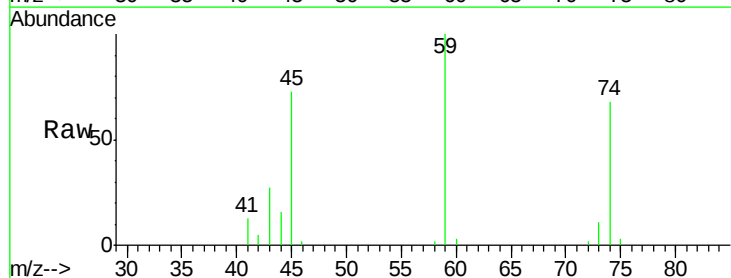
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



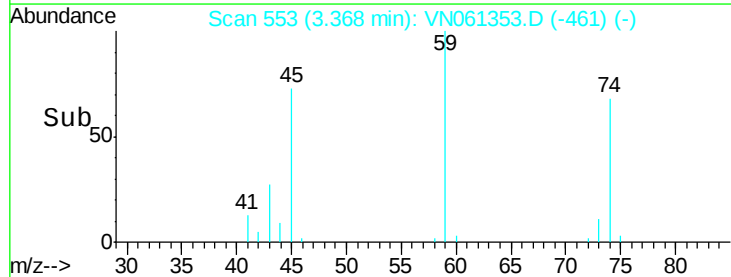
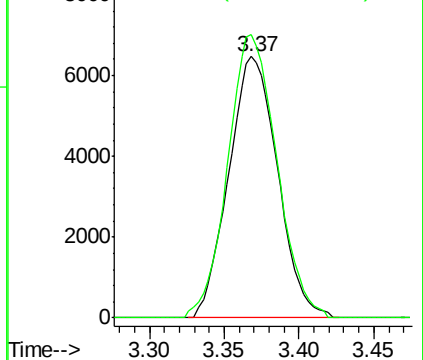
#8

Diethyl Ether
Concen: 22.670 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 74 Resp: 14747
Ion Ratio Lower Upper
74 100
45 108.5 53.3 160.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.638 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

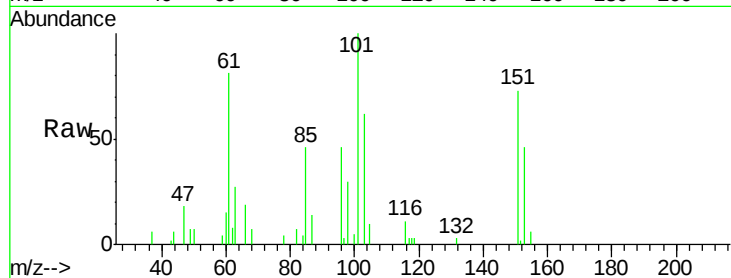
Tot Ion:101 Resp: 20735

Ion Ratio Lower Upper

101 100

85 46.3 37.2 55.8

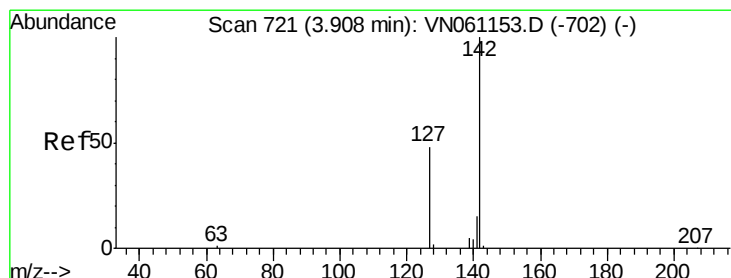
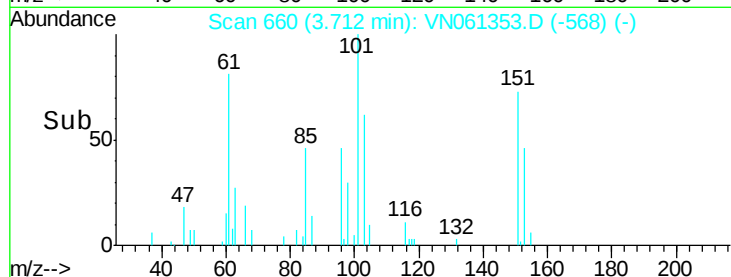
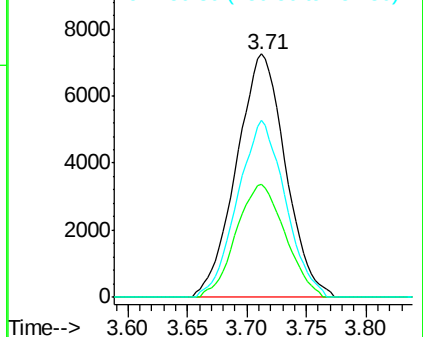
151 70.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.686 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

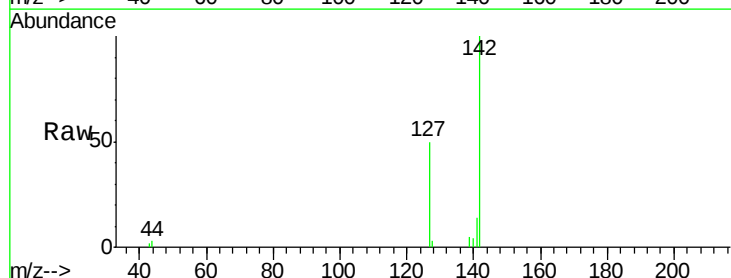
Tgt Ion:142 Resp: 21545

Ion Ratio Lower Upper

142 100

127 46.6 38.0 57.0

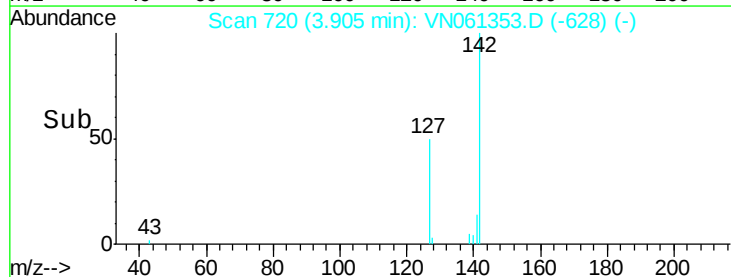
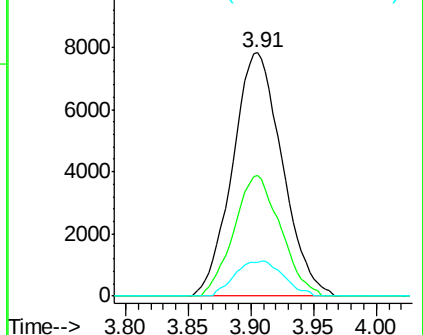
141 14.1 11.7 17.5

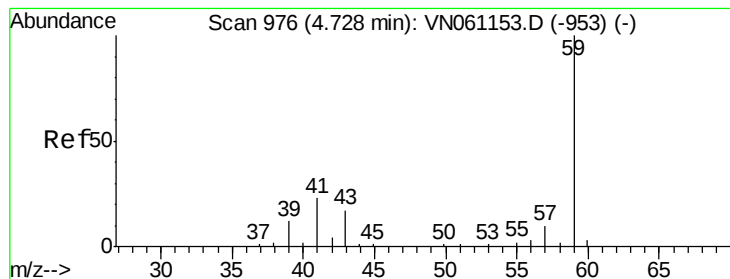


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



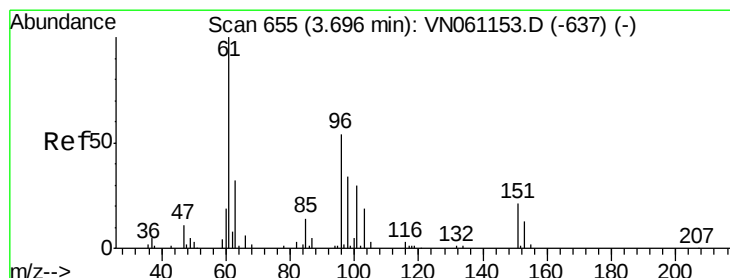
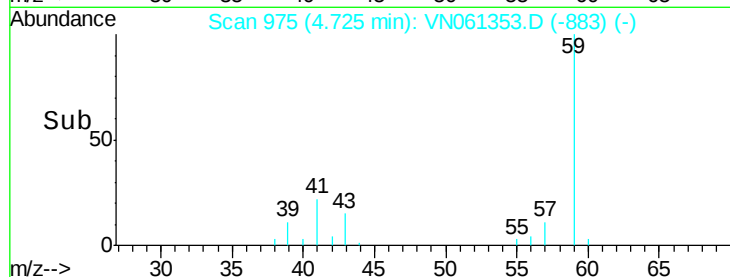
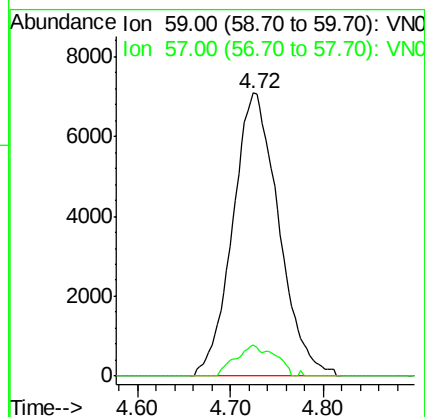
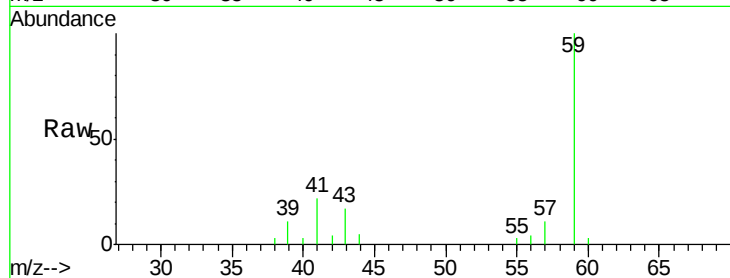


#11

Tert butyl alcohol
 Concen: 121.662 ug/l
 RT: 4.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Instrument :
 MSVOA_N
 ClientSampled :

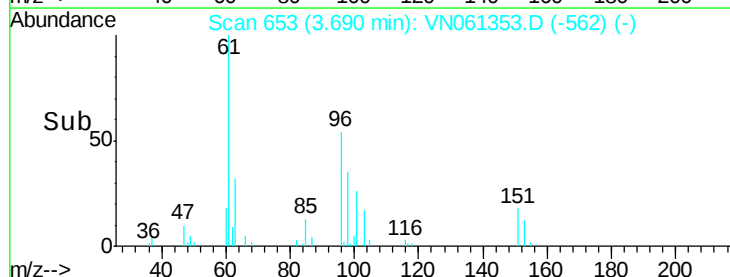
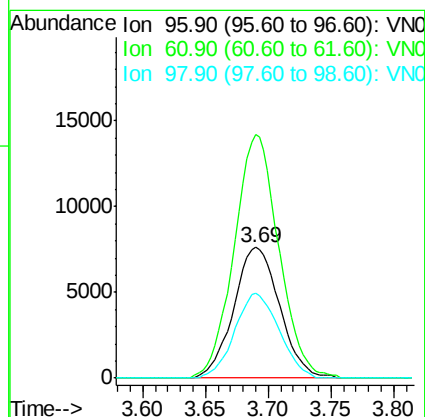
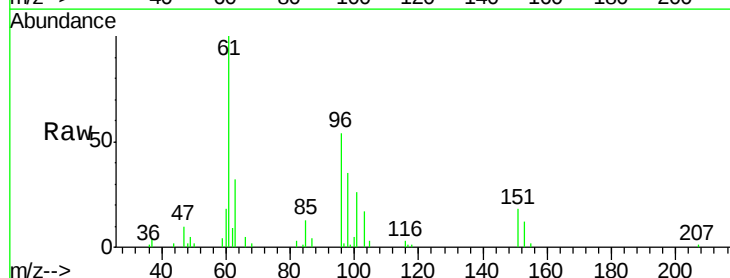
Tot Ion: 59 Resp: 24437
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.3 12.5

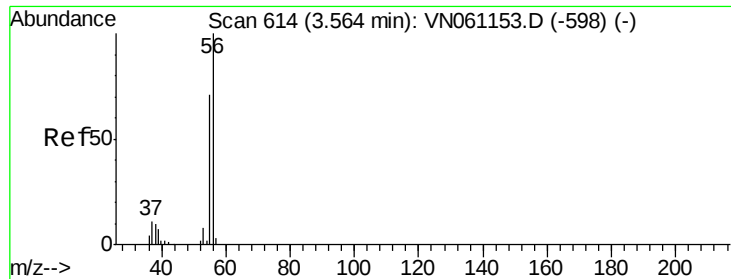


#12

1,1-Dichloroethene
 Concen: 19.446 ug/l
 RT: 3.69 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 96 Resp: 19442
 Ion Ratio Lower Upper
 96 100
 61 186.8 147.0 220.6
 98 65.6 49.8 74.6





#13

Acrolein

Concen: 97.517 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

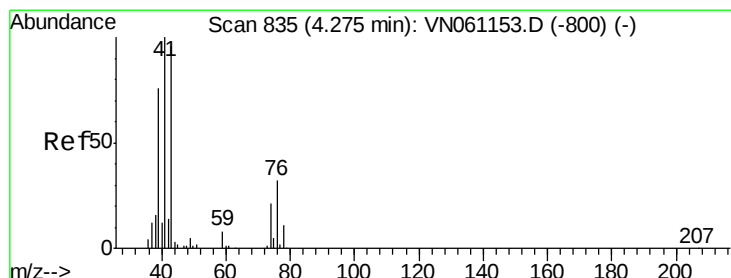
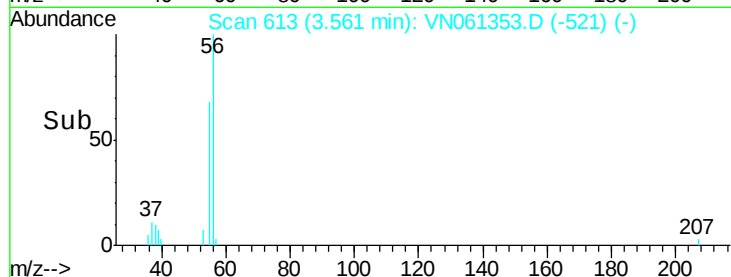
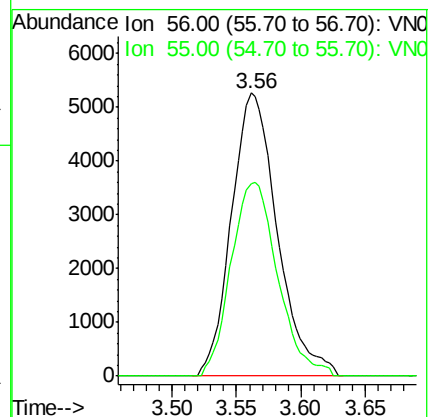
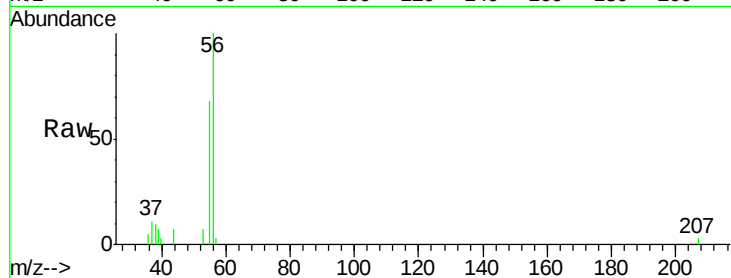
ClientSampleId :

Tot Ion: 56 Resp: 13053

Ion Ratio Lower Upper

56 100

55 69.5 58.5 87.7



#14

Allyl chloride

Concen: 22.764 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

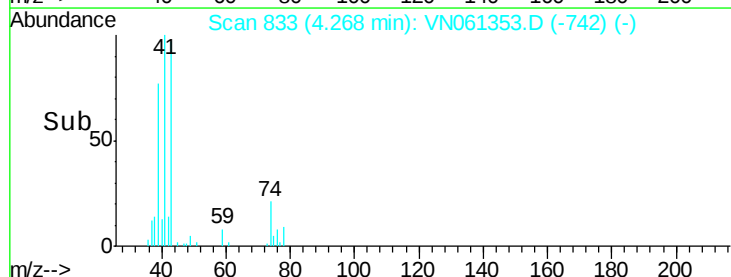
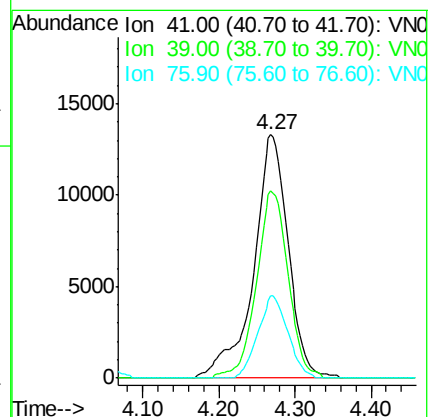
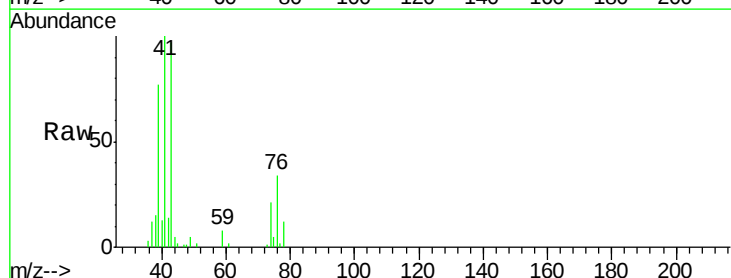
Tgt Ion: 41 Resp: 42201

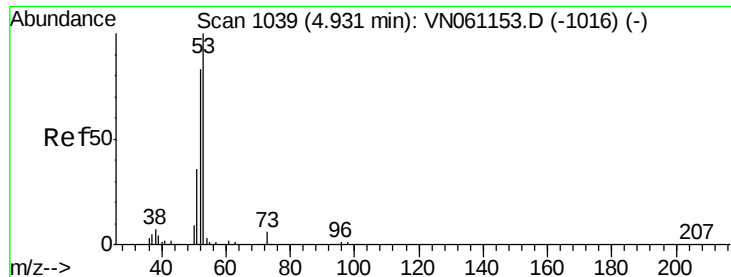
Ion Ratio Lower Upper

41 100

39 70.4 57.1 85.7

76 29.1 24.3 36.5





#15

Acrylonitrile

Concen: 110.888 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

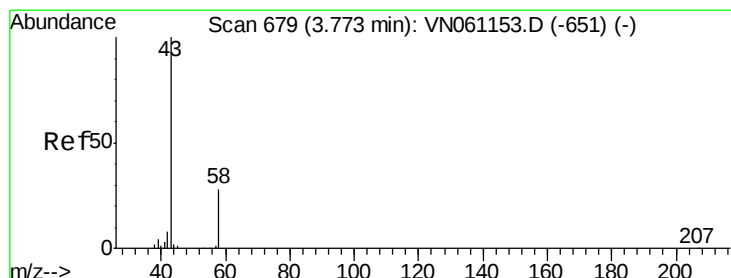
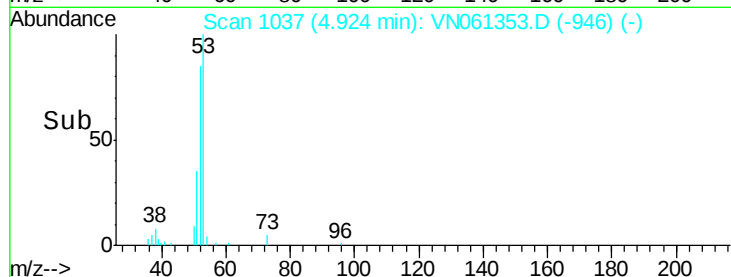
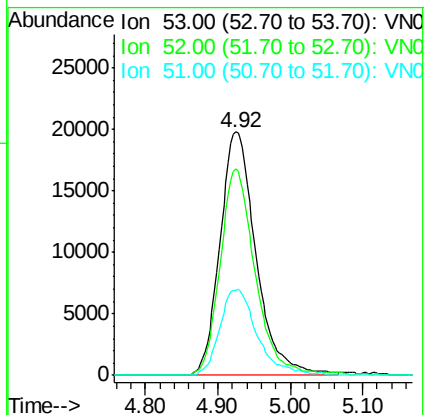
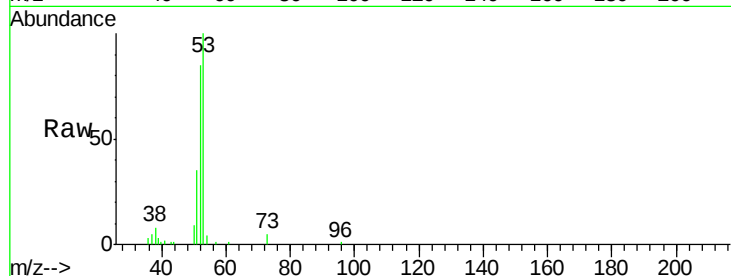
Tot Ion: 53 Resp: 68372

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

51 36.4 29.5 44.3



#16

Acetone

Concen: 109.476 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061353.D

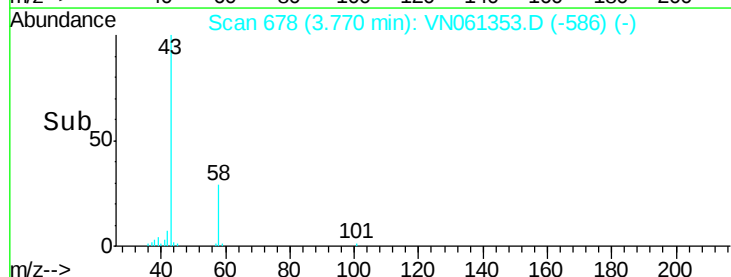
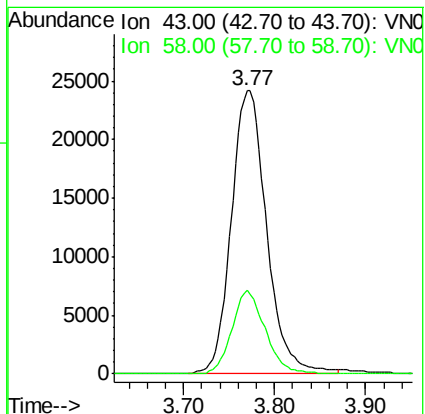
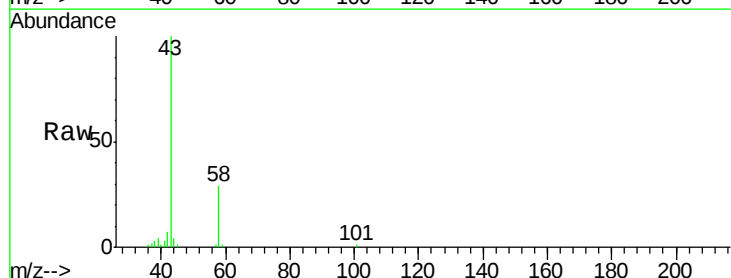
Acq: 8 May 2020 11:53

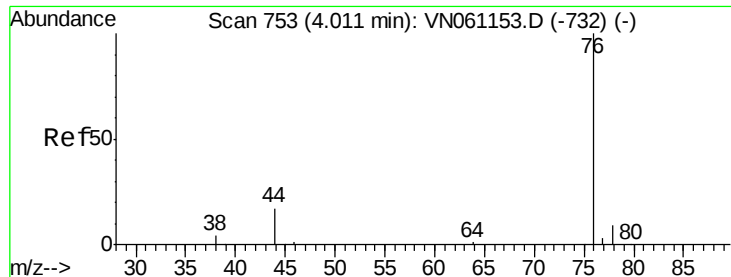
Tgt Ion: 43 Resp: 65286

Ion Ratio Lower Upper

43 100

58 29.4 22.2 33.2

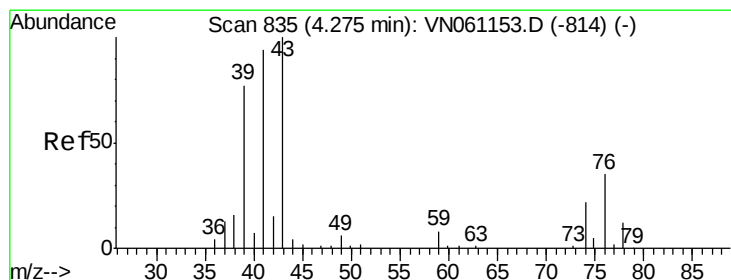
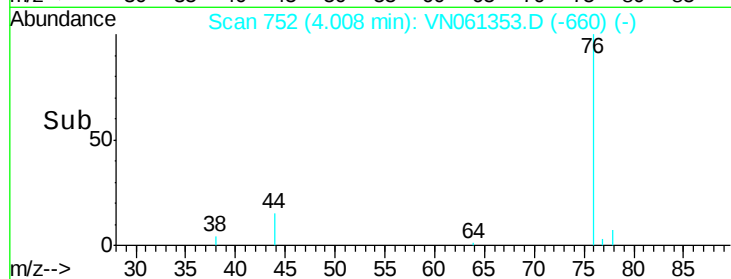
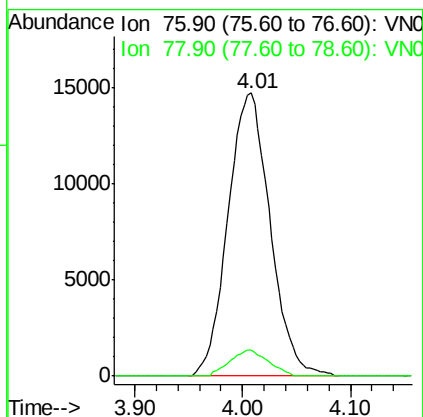
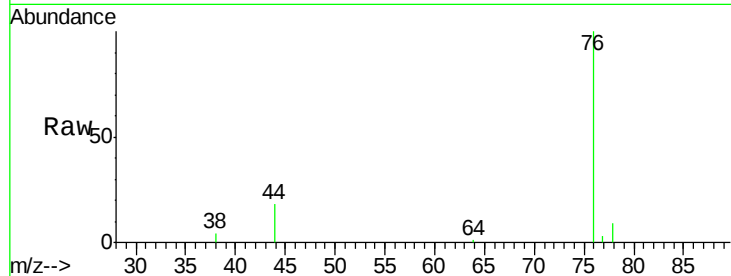




#17
Carbon Disulfide
Concen: 14.498 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

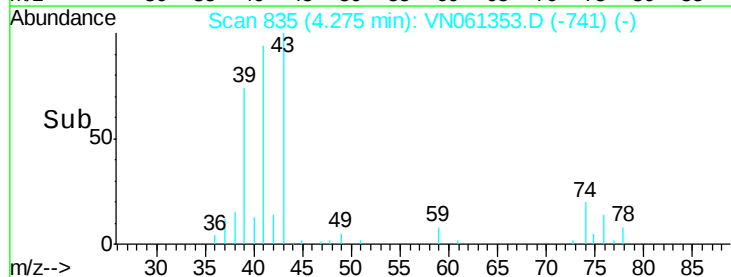
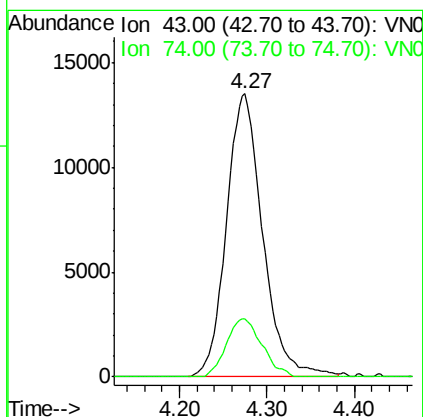
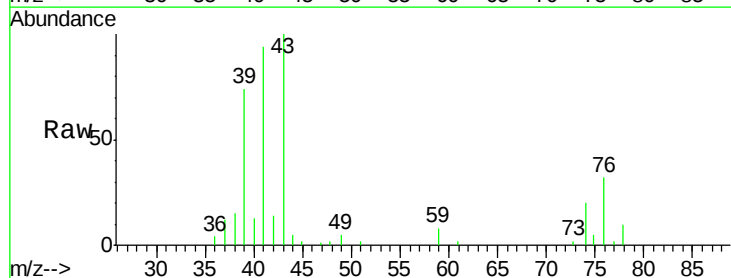
Instrument :
MSVOA_N
ClientSampleId :

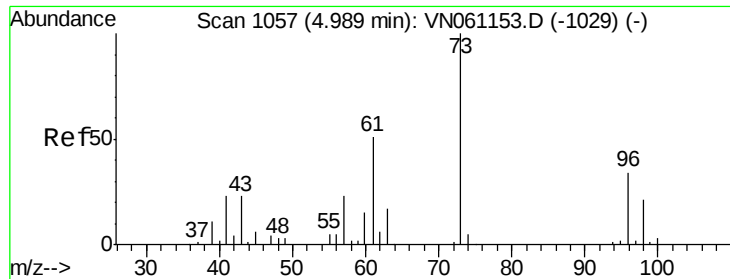
Tot Ion: 76 Resp: 40040
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 20.945 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 43 Resp: 38886
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4

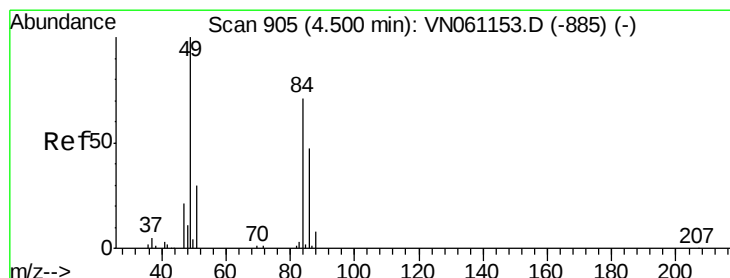
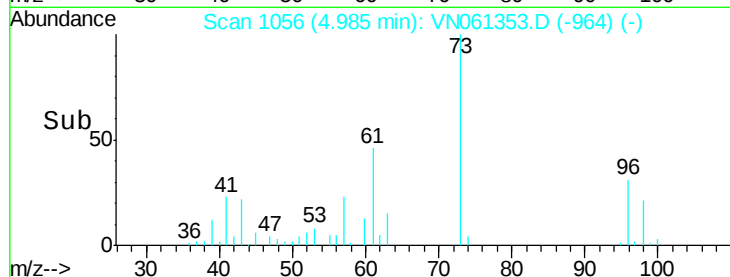
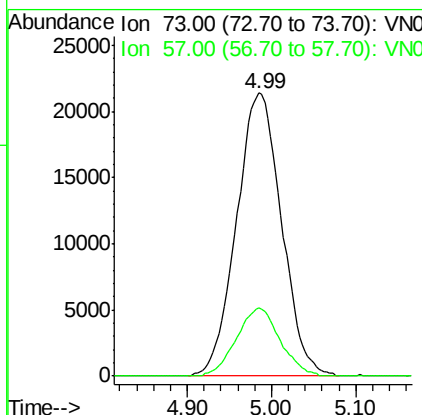
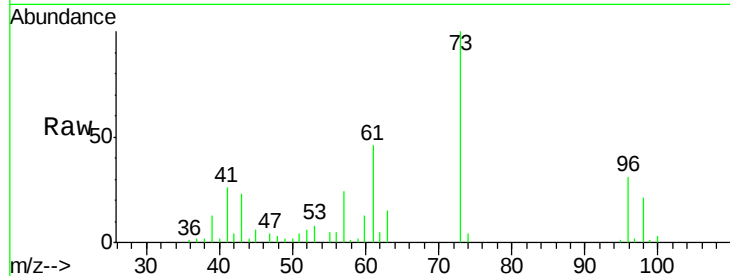




#19
Methvl tert-butvl Ether
Concen: 20.768 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

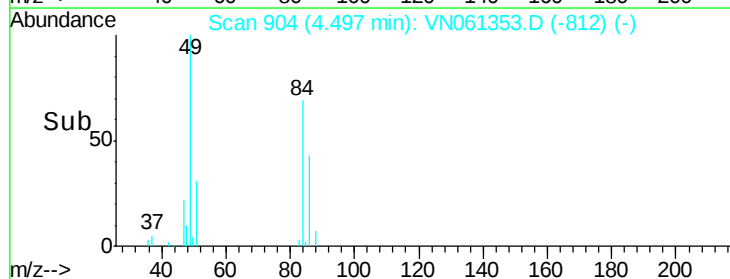
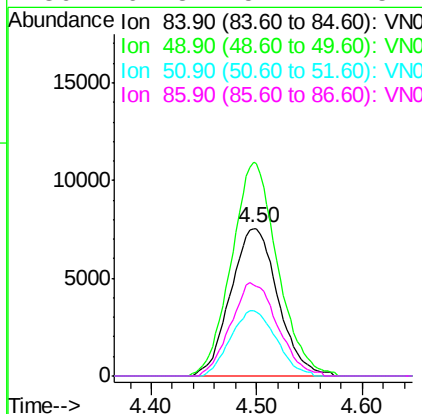
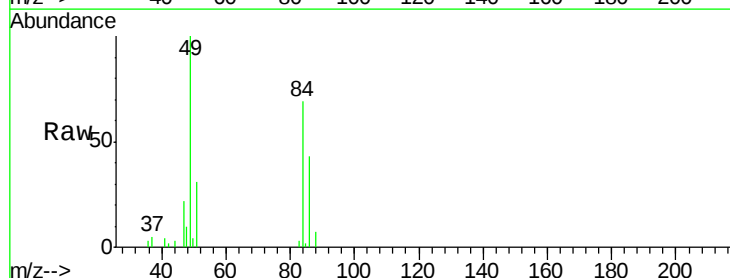
Instrument :
MSVOA_N
ClientSampleId :

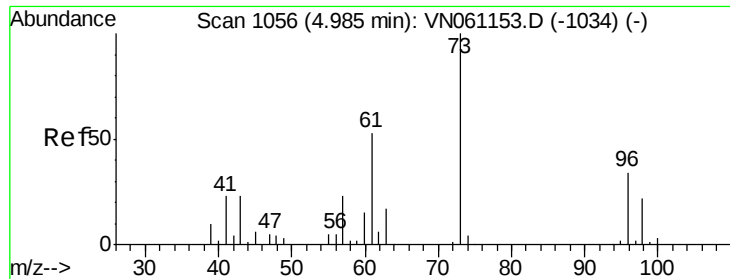
Tot Ion: 73 Resp: 79343
Ion Ratio Lower Upper
73 100
57 23.9 18.3 27.5



#20
Methylene Chloride
Concen: 20.204 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 84 Resp: 23622
Ion Ratio Lower Upper
84 100
49 144.6 112.0 168.0
51 44.4 33.6 50.4
86 61.8 52.1 78.1

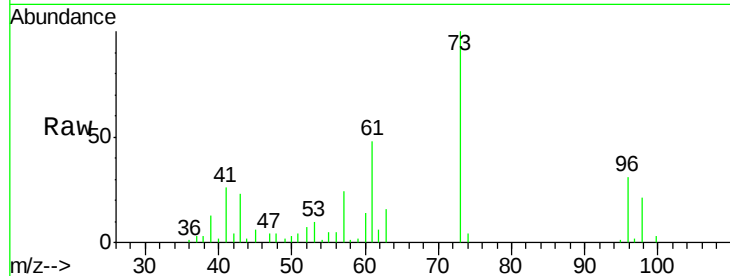




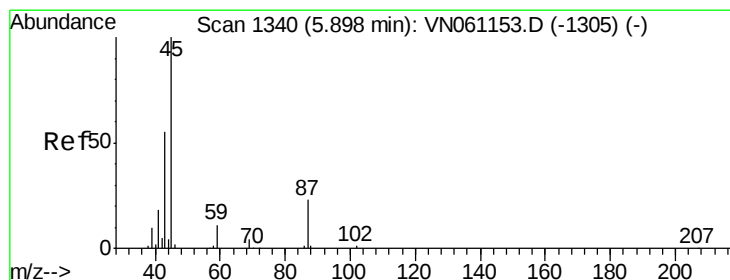
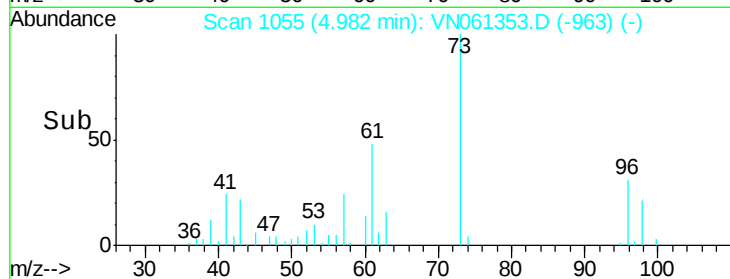
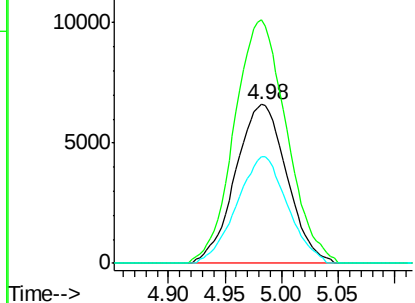
#21
trans-1,2-Dichloroethene
Concen: 19.200 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 20903
Ion Ratio Lower Upper
96 100
61 153.1 123.0 184.4
98 66.9 50.1 75.1

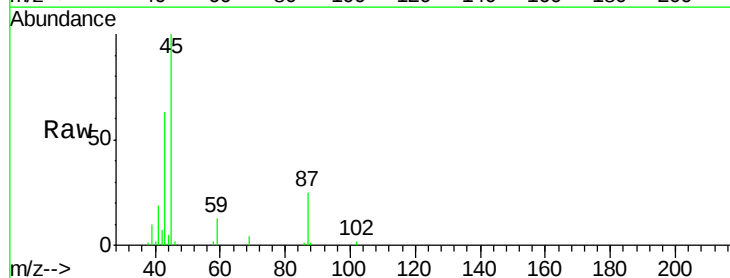


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

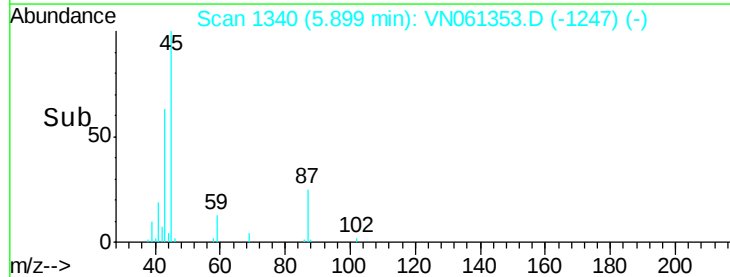
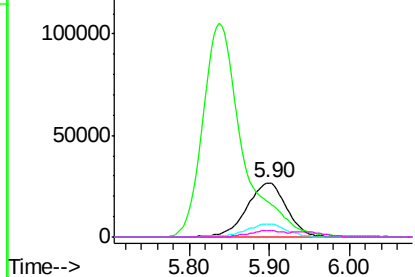


#22
Diisopropyl ether
Concen: 21.062 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 45 Resp: 90545
Ion Ratio Lower Upper
45 100
43 59.9 47.9 71.9
87 24.5 19.2 28.8
59 12.5 9.0 13.4



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: 104.825 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

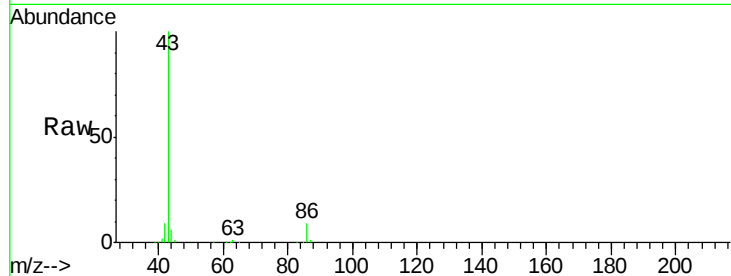
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 362840

Ion Ratio Lower Upper

43 100

86 8.8 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

120000

100000

80000

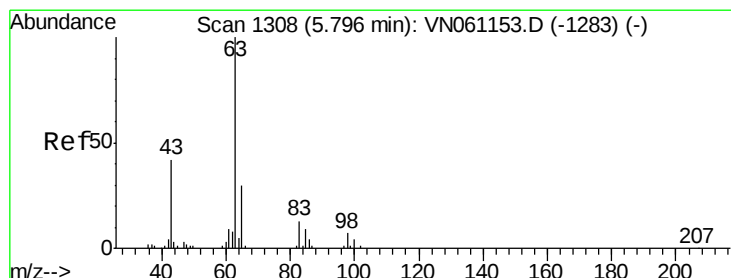
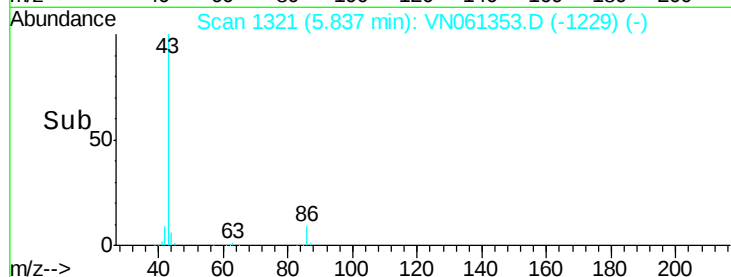
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.218 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

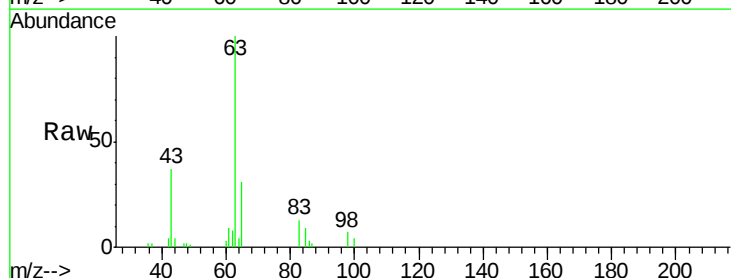
Tgt Ion: 63 Resp: 45412

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

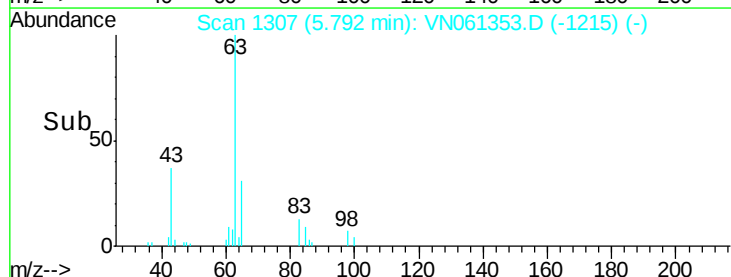
15000

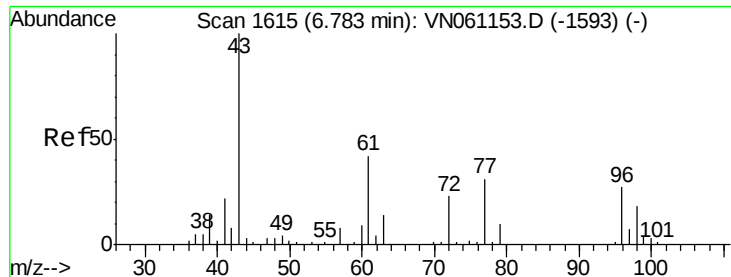
10000

5000

0

Time-->





#25

2-Butanone

Concen: 108.680 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

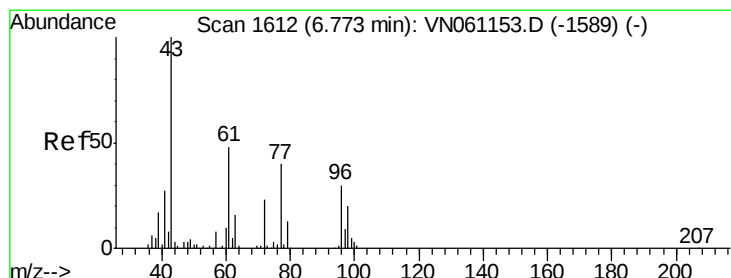
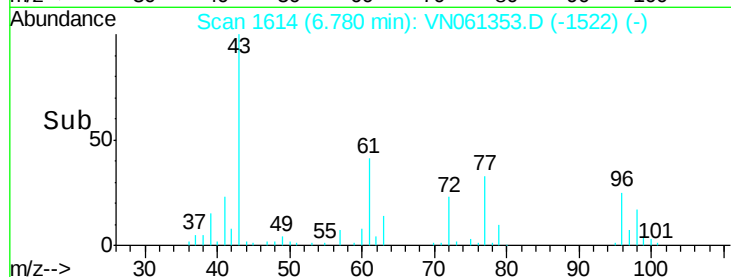
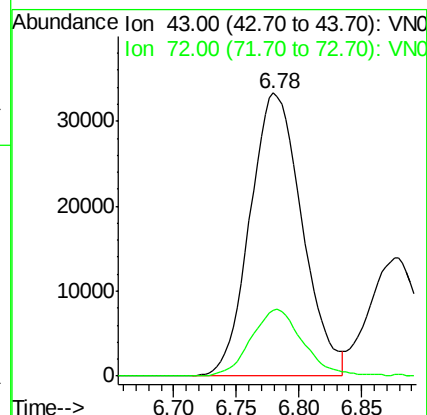
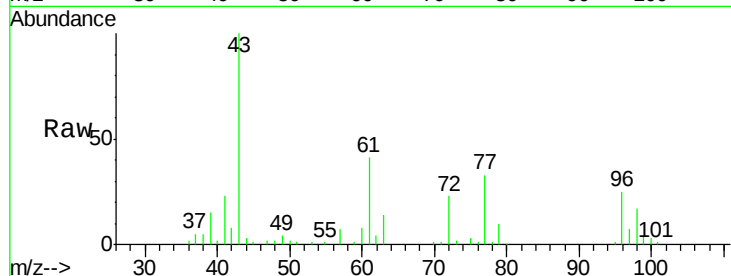
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 96427

Ion Ratio Lower Upper

43 100

72 23.4 18.2 27.4



#26

2,2-Dichloropropane

Concen: 20.617 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061353.D

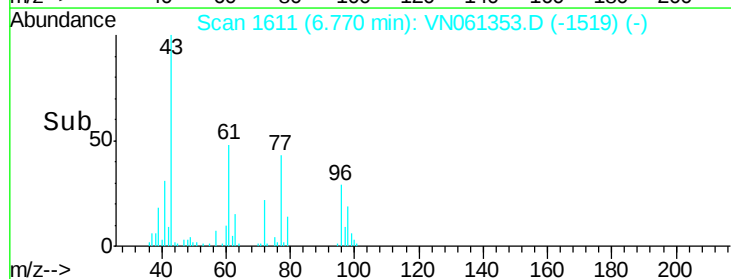
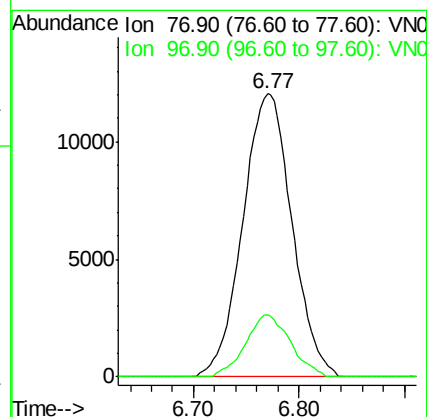
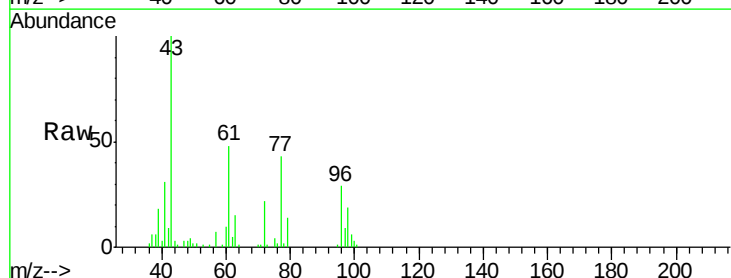
Acq: 8 May 2020 11:53

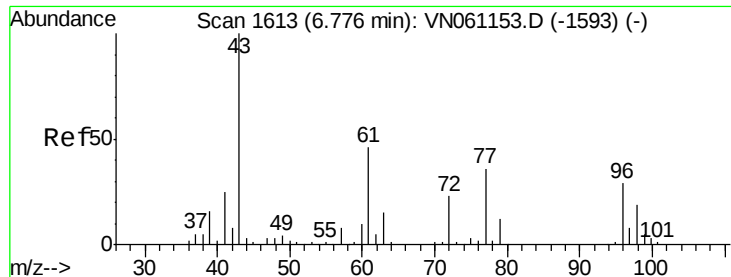
Tgt Ion: 77 Resp: 39005

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.450 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

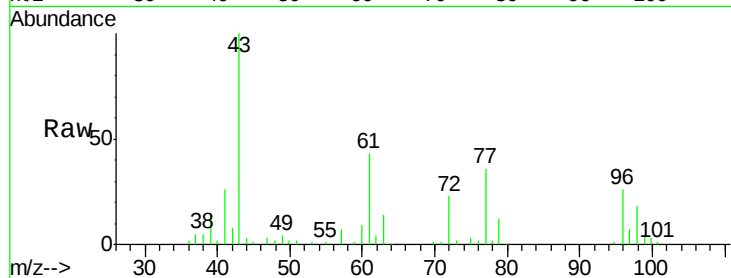
Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 24850

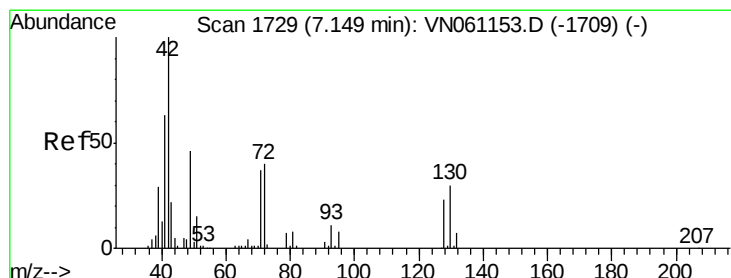
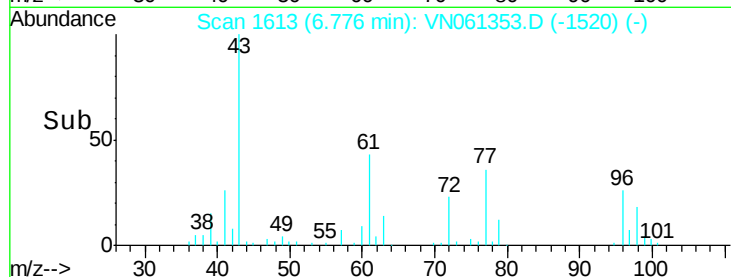
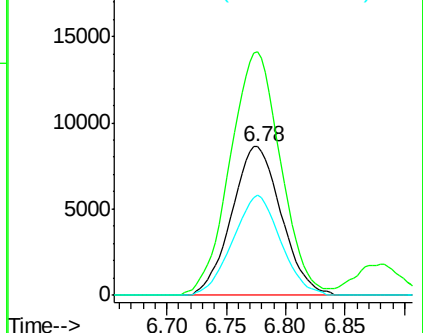
Ion	Ratio	Lower	Upper
96	100		
61	166.6	0.0	322.0
98	64.9	0.0	129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.020 ug/l

RT: 7.14 min Scan# 1727

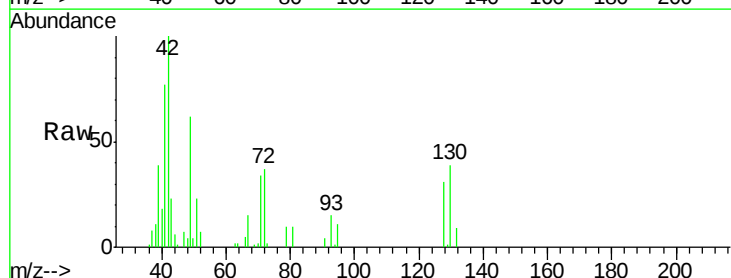
Delta R.T. -0.01 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Tgt Ion: 49 Resp: 22378

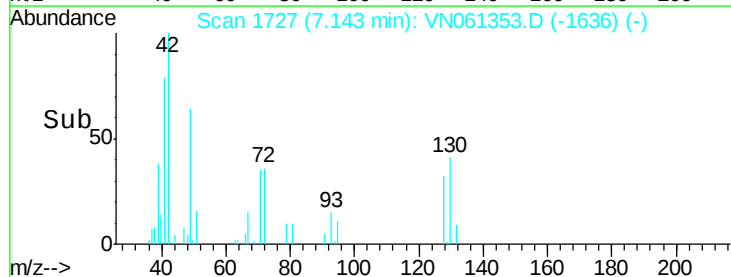
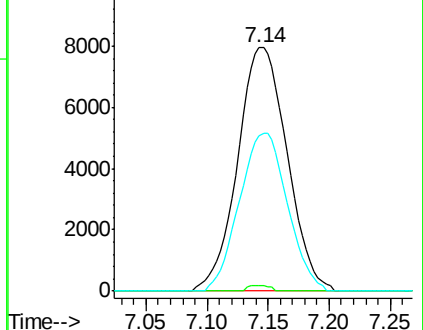
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.0
130	62.8	51.4	77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

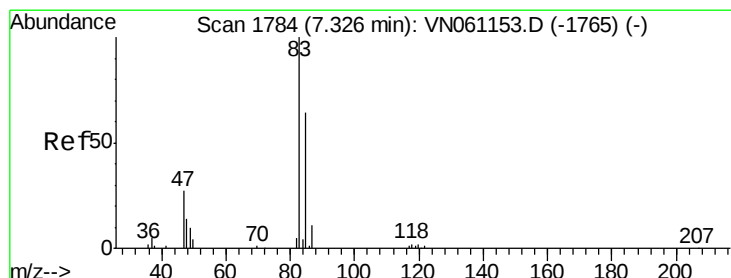
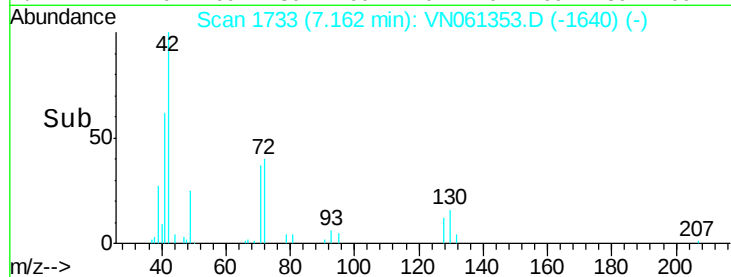
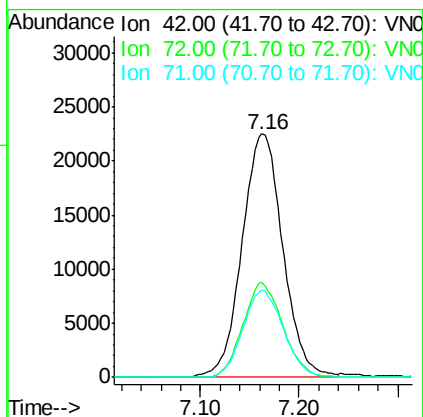
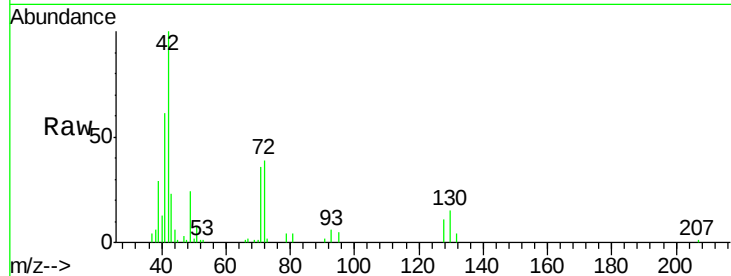




#29
Tetrahydrofuran
Concen: 107.791 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

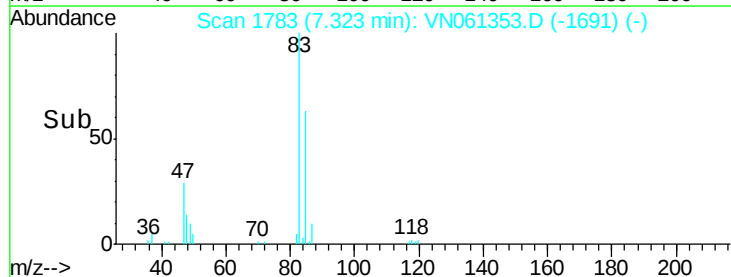
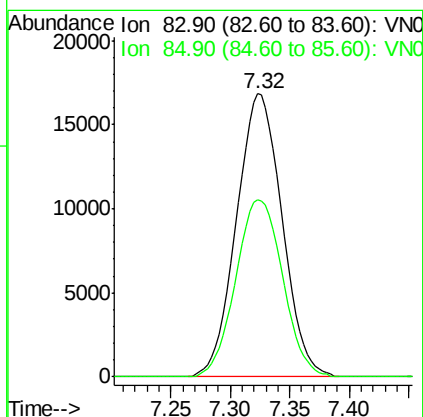
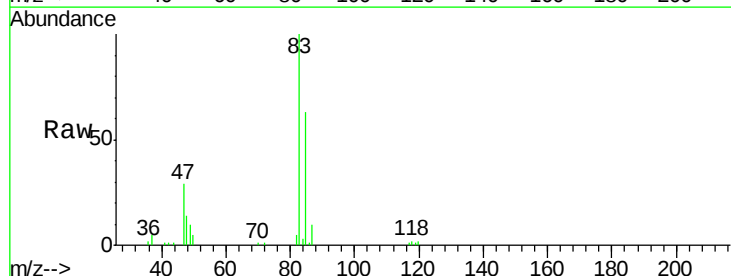
Instrument :
MSVOA_N
ClientSampled :

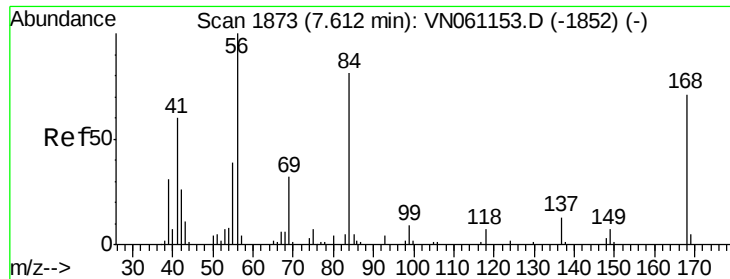
Tot Ion: 42 Resp: 64424
Ion Ratio Lower Upper
42 100
72 37.9 31.4 47.0
71 35.5 29.5 44.3



#30
Chloroform
Concen: 19.642 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 83 Resp: 44709
Ion Ratio Lower Upper
83 100
85 62.5 51.1 76.7

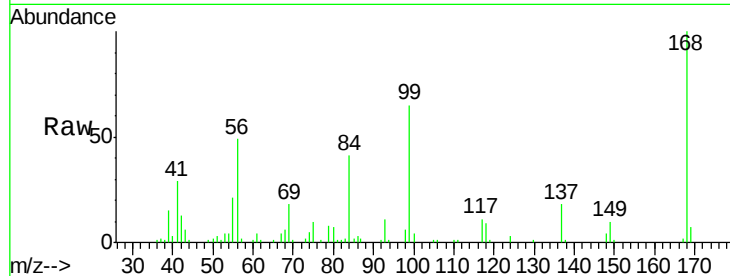




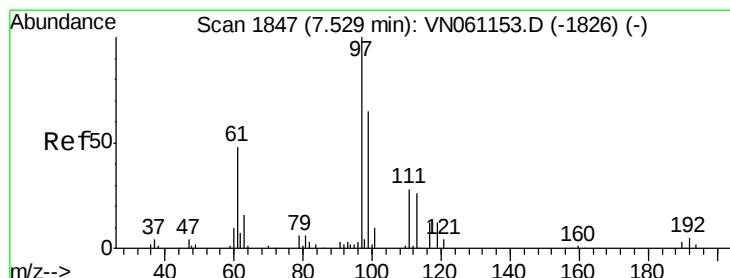
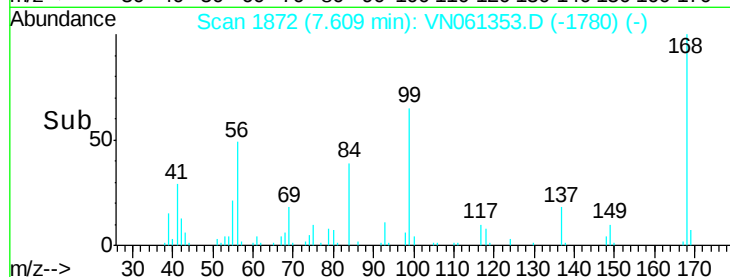
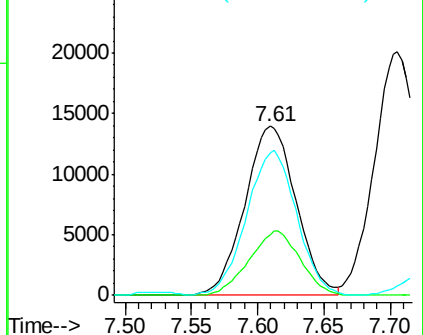
#31
Cyclohexane
Concen: 17.211 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 37542
Ion Ratio Lower Upper
56 100
69 36.1 25.7 38.5
84 84.5 64.6 97.0

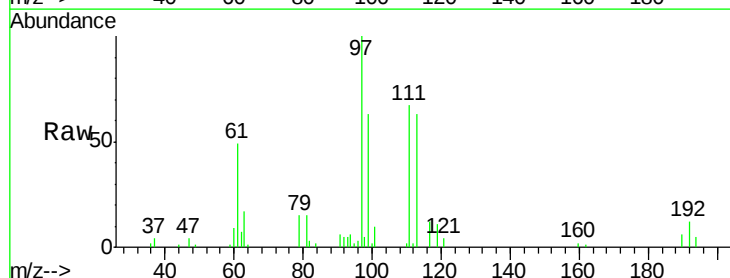


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

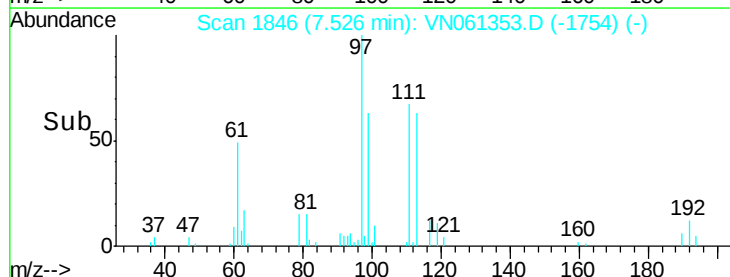
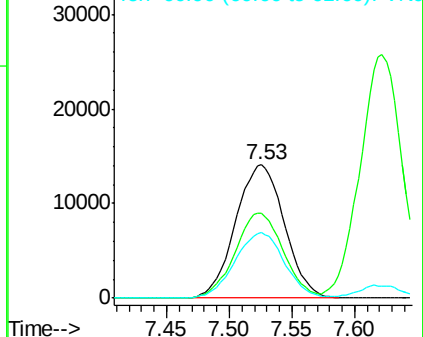


#32
1,1,1-Trichloroethane
Concen: 19.238 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 97 Resp: 38132
Ion Ratio Lower Upper
97 100
99 62.6 51.3 76.9
61 49.6 38.6 57.8



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





#33

1,2-Dichloroethane-d4

Concen: 53.126 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

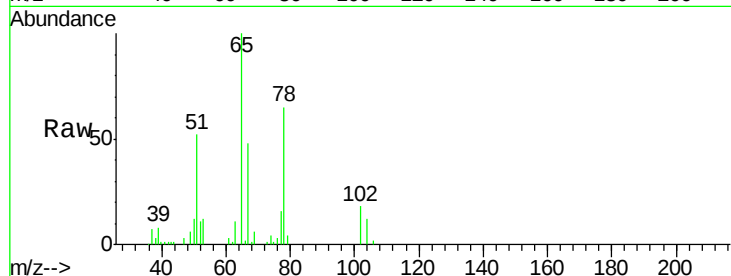
ClientSampleId :

Tot Ion: 65 Resp: 79659

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)

7.98

40000

30000

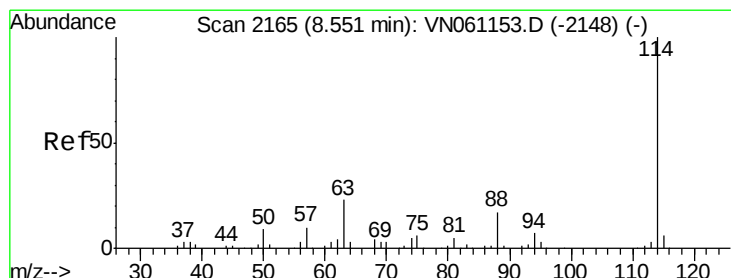
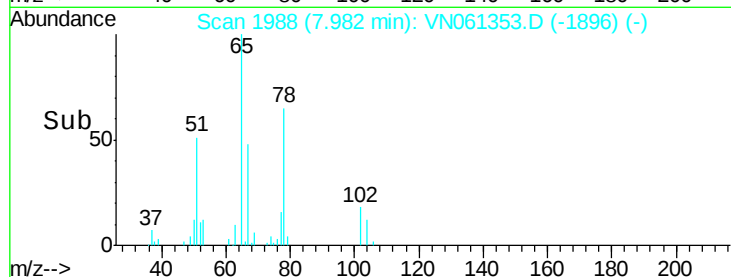
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

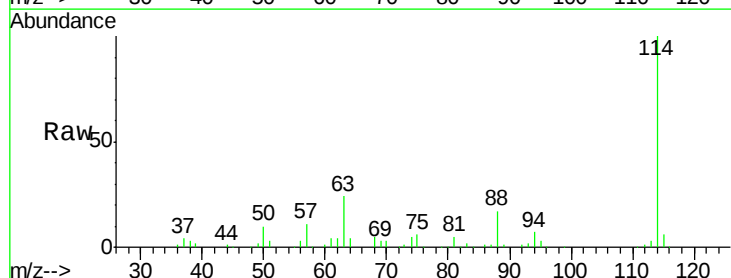
Tgt Ion: 114 Resp: 160748

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

88 16.8 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

8.55

100000

80000

60000

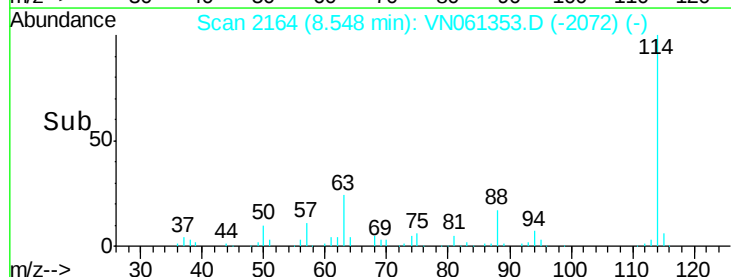
40000

20000

0

8.50 8.55 8.60 8.65 8.70

Time-->

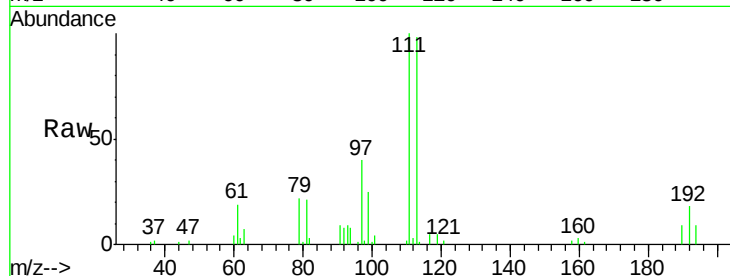




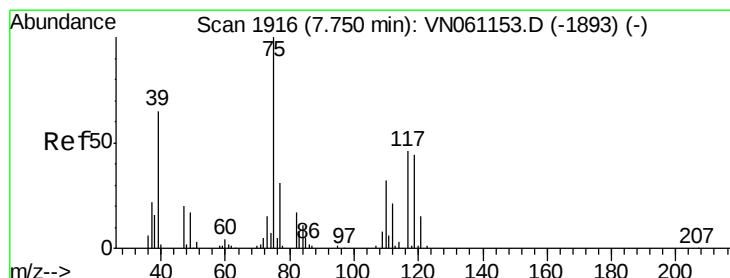
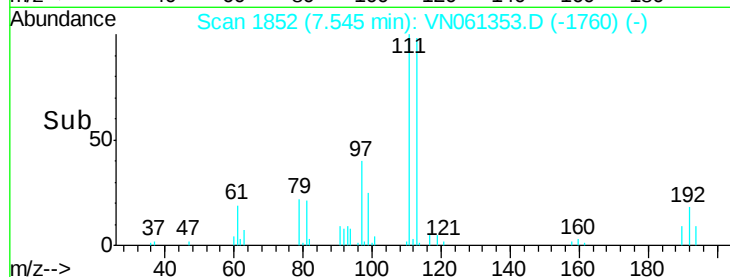
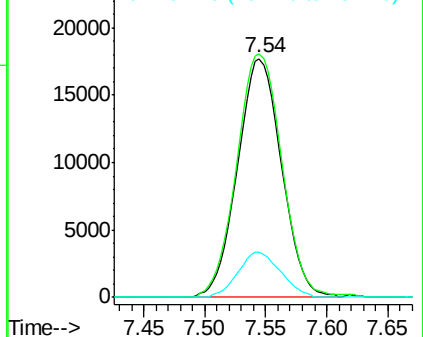
#35
 Dibromofluoromethane
 Concen: 46.486 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 44187
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.9 124.3
 192 18.4 14.7 22.1

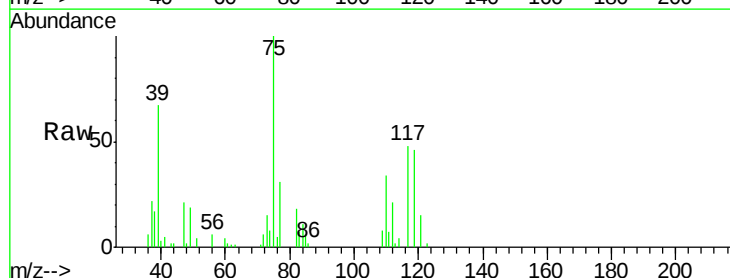


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

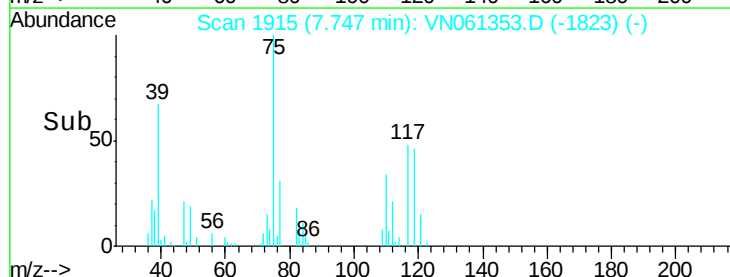
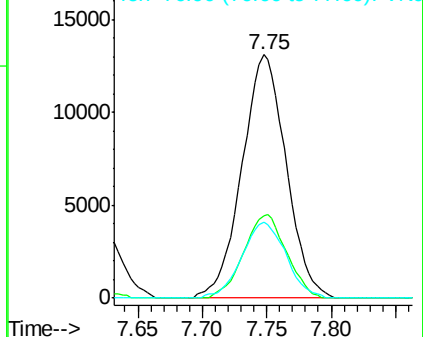


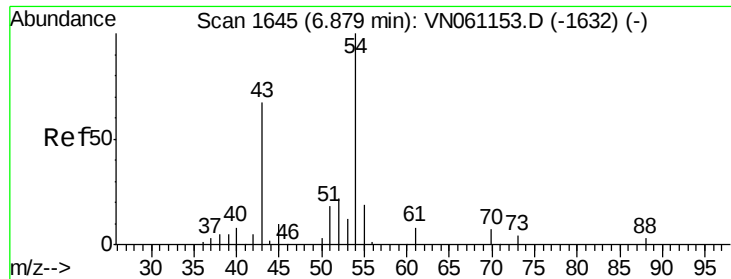
#36
 1,1-Dichloropropene
 Concen: 19.411 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 75 Resp: 31236
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.0 48.0
 77 31.3 24.6 37.0



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

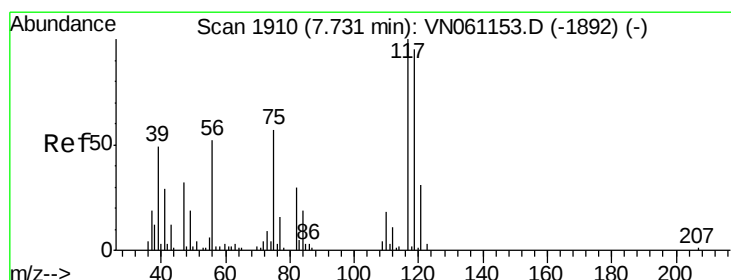
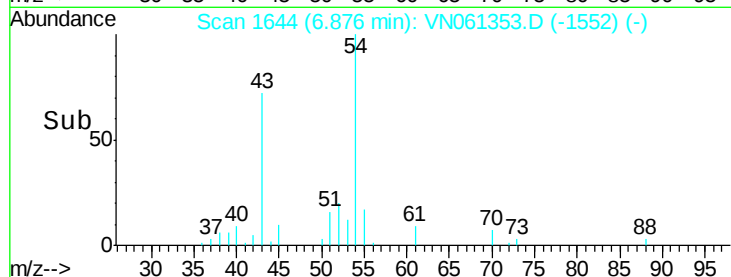
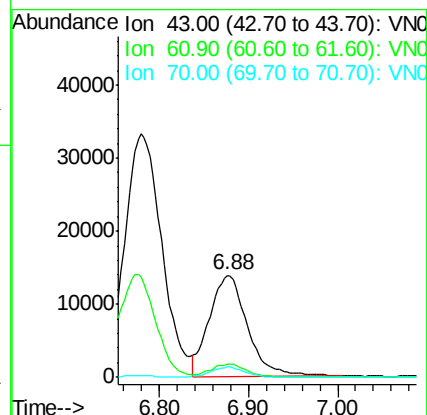
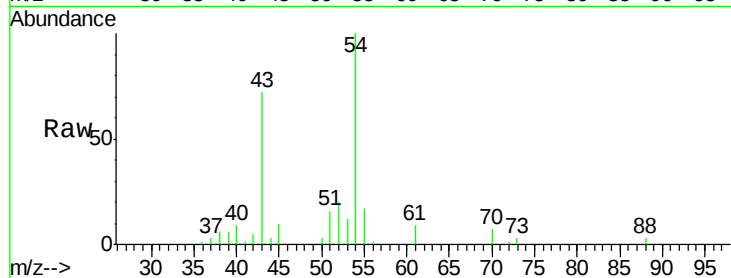




#37
Ethyl Acetate
Concen: 21.799 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

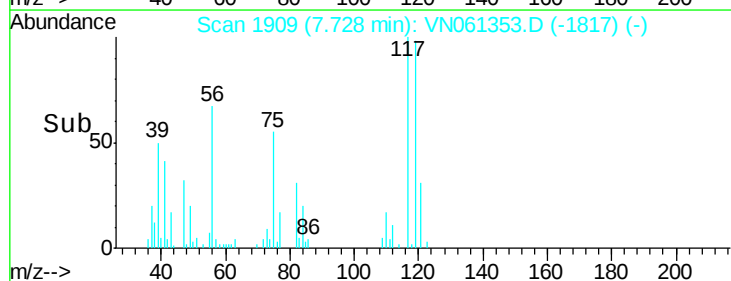
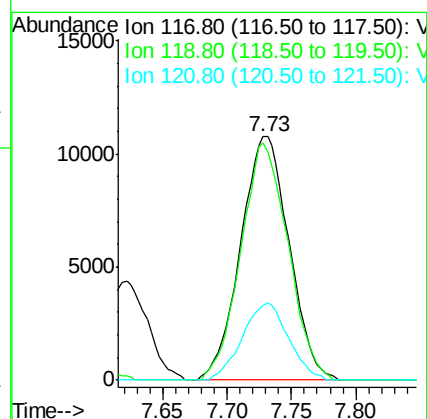
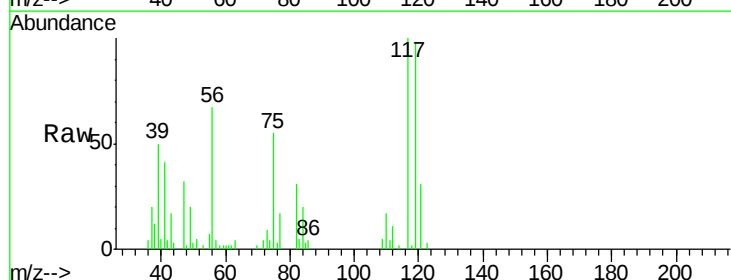
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 41123
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.611 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 117 Resp: 28192
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
121 30.7 24.7 37.1

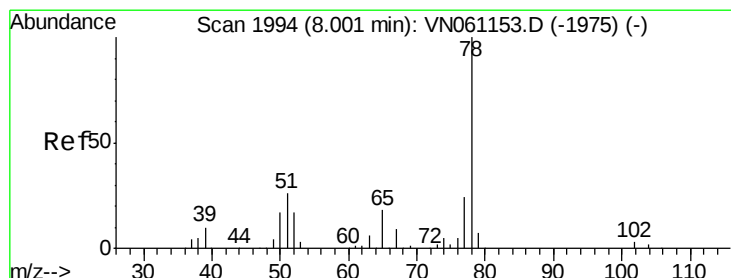
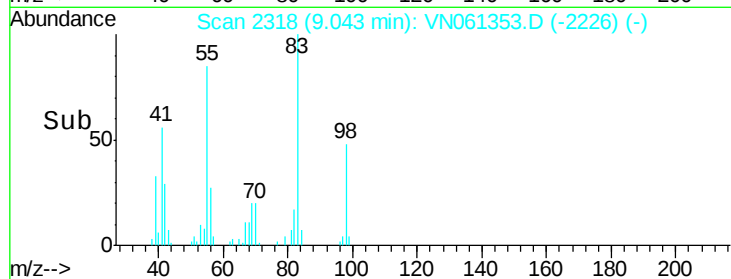
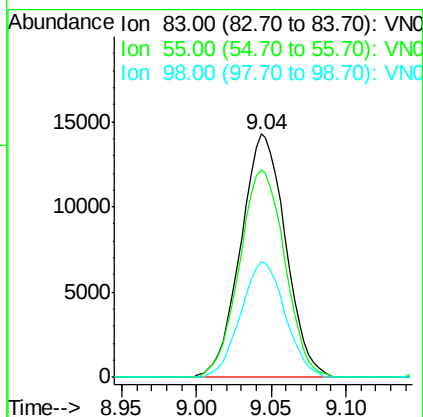
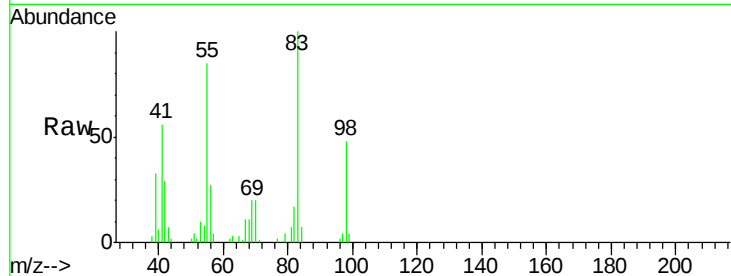




#39
Methylcyclohexane
Concen: 16.557 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

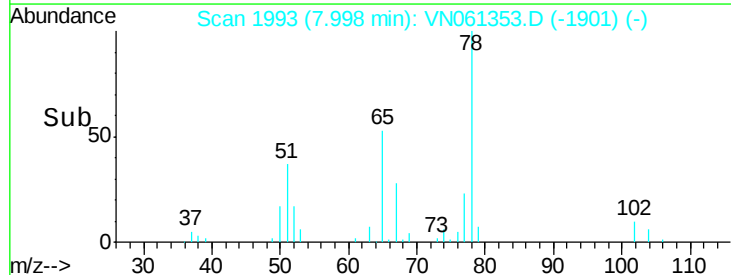
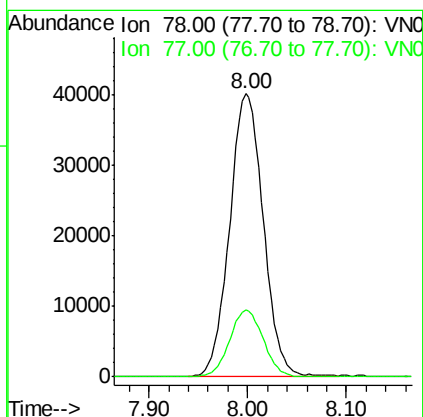
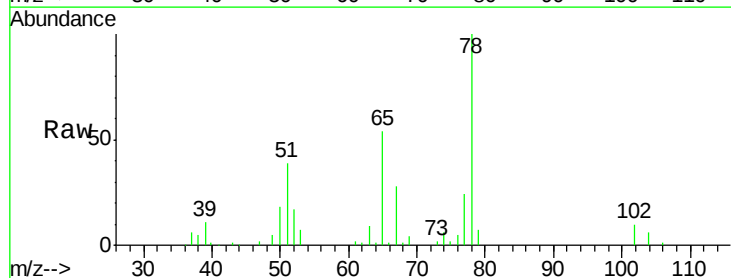
Instrument :
MSVOA_N
ClientSampled :

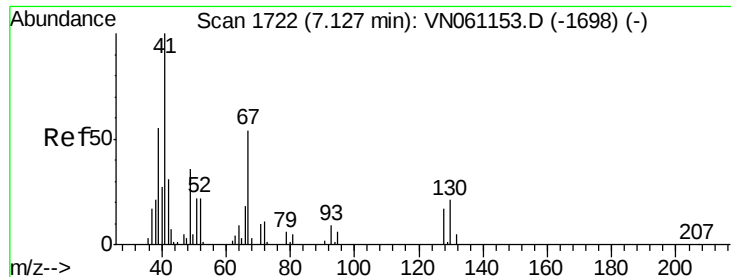
Tot Ion: 83 Resp: 29880
Ion Ratio Lower Upper
83 100
55 85.5 67.3 100.9
98 47.7 37.7 56.5



#40
Benzene
Concen: 19.933 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 78 Resp: 95561
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

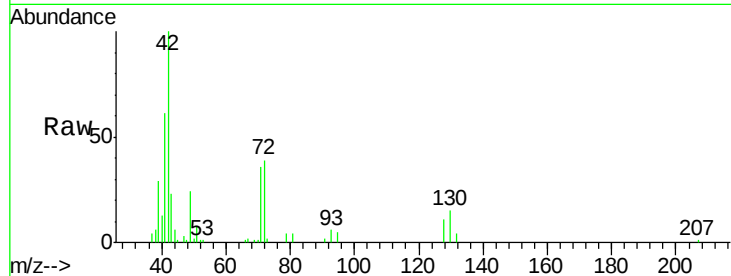




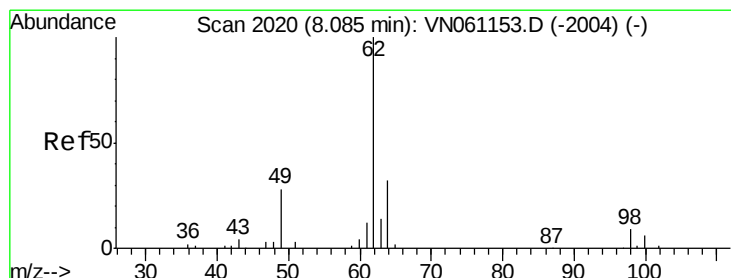
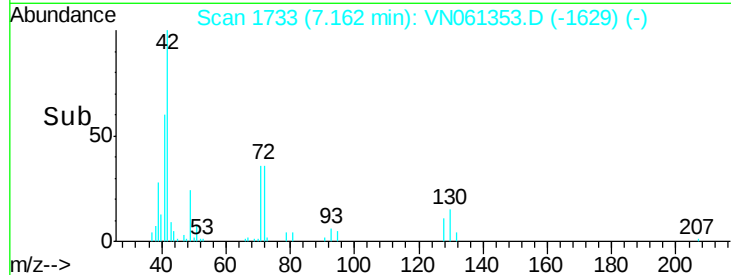
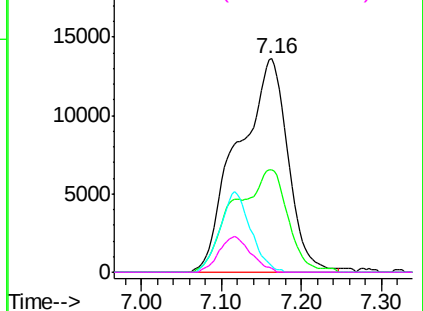
#41
Methacrylonitrile
Concen: 75.002 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	58746
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

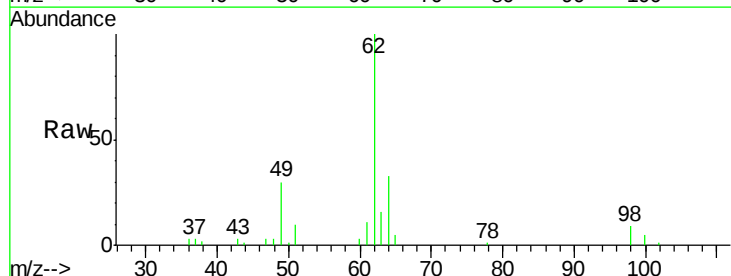


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-1698) (-)

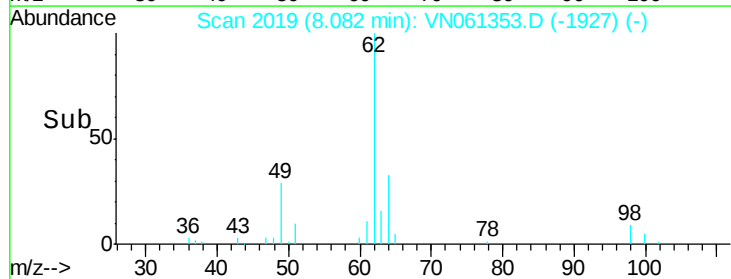
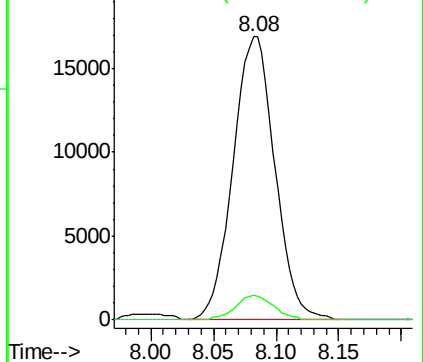


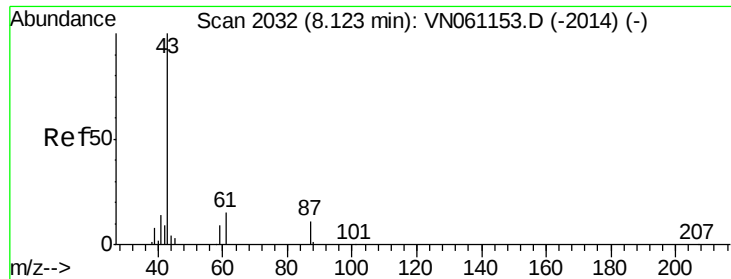
#42
1,2-Dichloroethane
Concen: 21.620 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion:	62	Resp:	39266
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN061153.D (-2004) (-)

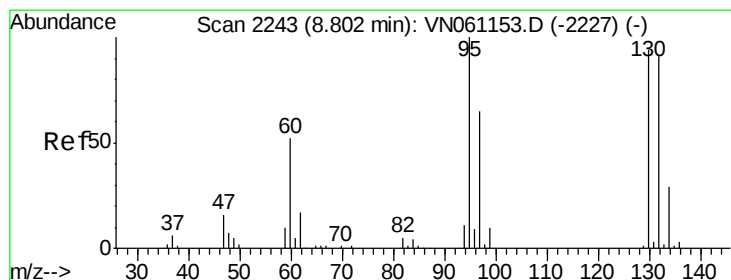
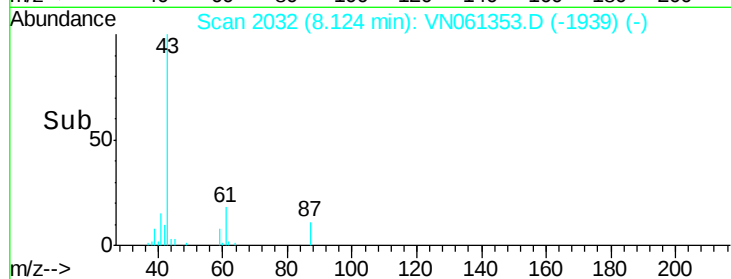
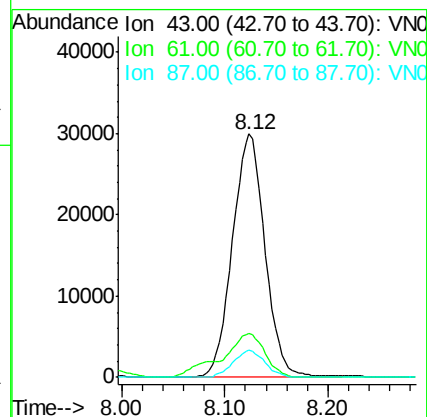
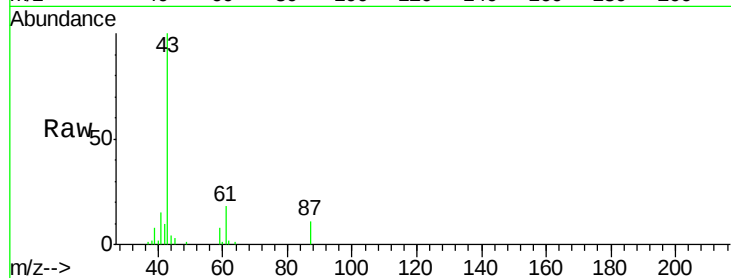




#43
Isopropyl Acetate
Concen: 21.042 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

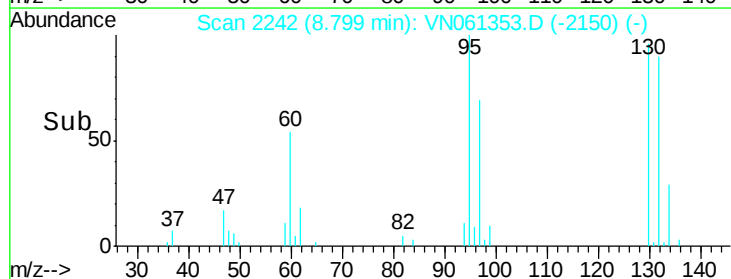
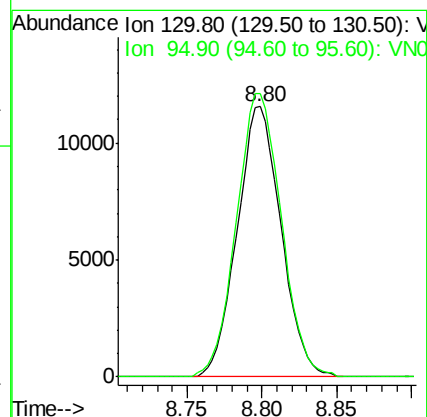
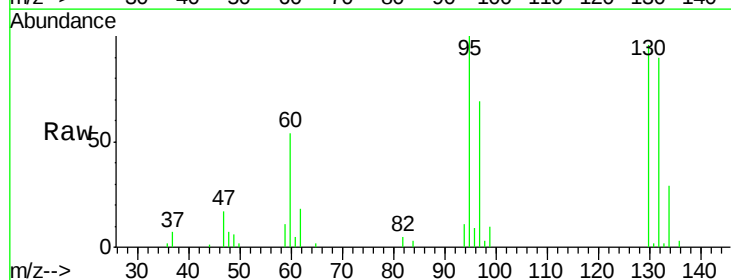
Instrument :
MSVOA_N
ClientSampleId :

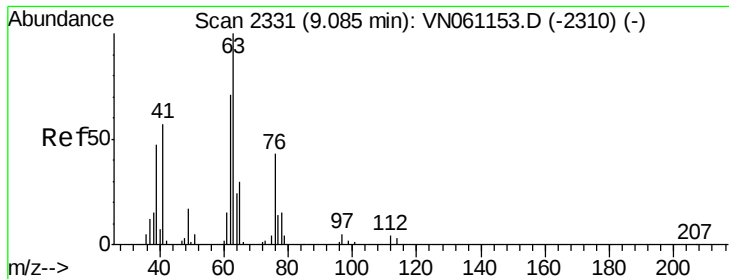
Tot Ion: 43 Resp: 65880
Ion Ratio Lower Upper
43 100
61 23.9 19.5 29.3
87 10.7 8.9 13.3



#44
Trichloroethene
Concen: 18.233 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion:130 Resp: 23629
Ion Ratio Lower Upper
130 100
95 104.7 0.0 212.4





#45

1,2-Dichloropropane

Concen: 21.068 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

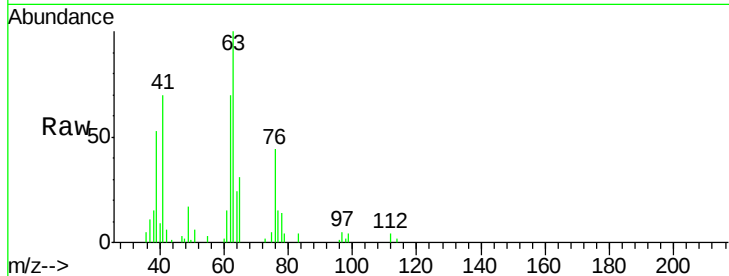
ClientSampled :

Tot Ion: 63 Resp: 26983

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

15000

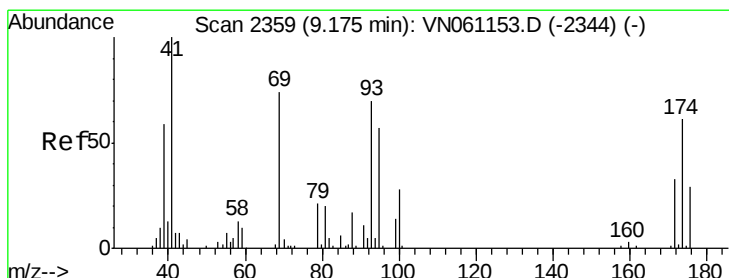
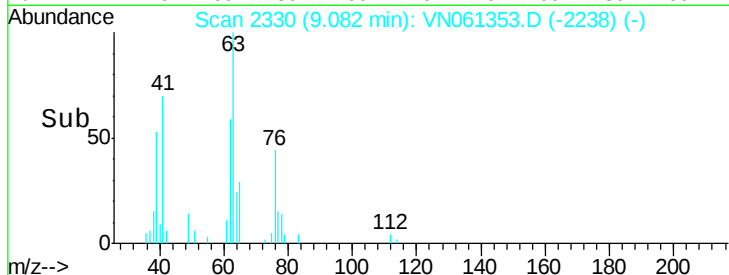
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 20.757 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

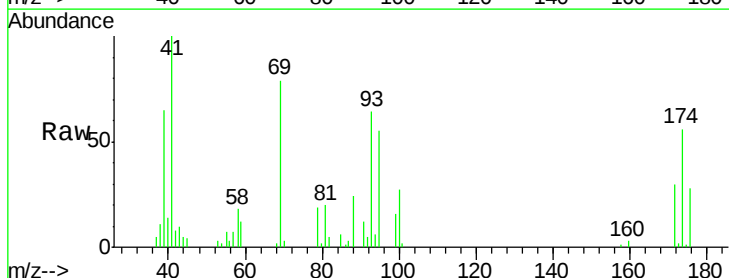
Tgt Ion: 93 Resp: 16461

Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 92.1 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

10000

8000

6000

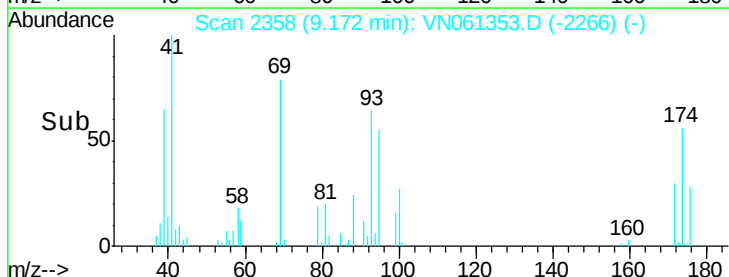
4000

2000

0

Time-->

9.10 9.15 9.20





#47

Bromodichloromethane

Concen: 21.145 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

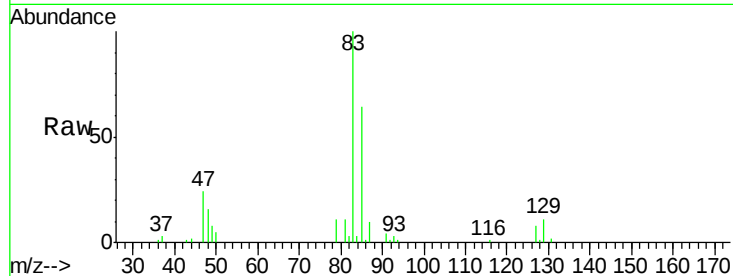
Tot Ion: 83 Resp: 35992

Ion Ratio Lower Upper

83 100

85 63.5 50.4 75.6

127 8.0 6.2 9.2

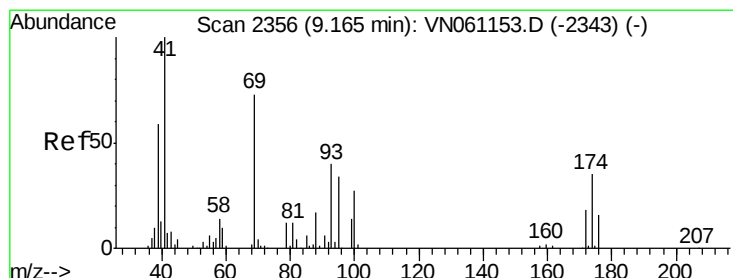
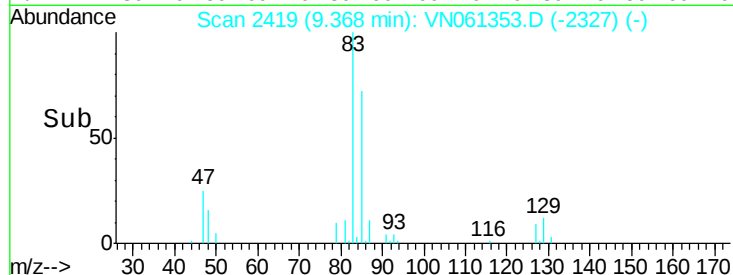


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)

Time-->



#48

Methyl methacrylate

Concen: 21.308 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

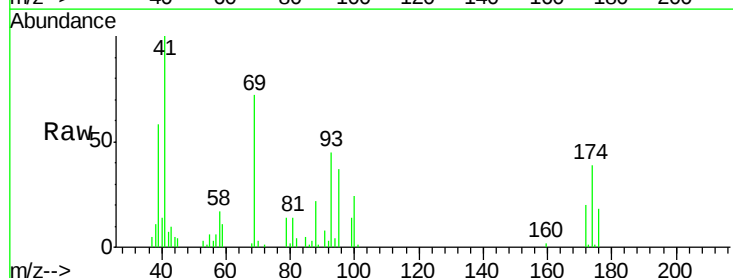
Tgt Ion: 41 Resp: 30104

Ion Ratio Lower Upper

41 100

69 72.4 60.3 90.5

39 62.4 47.4 71.0

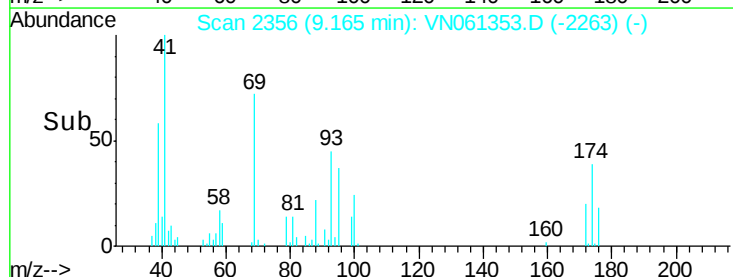


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

Time-->

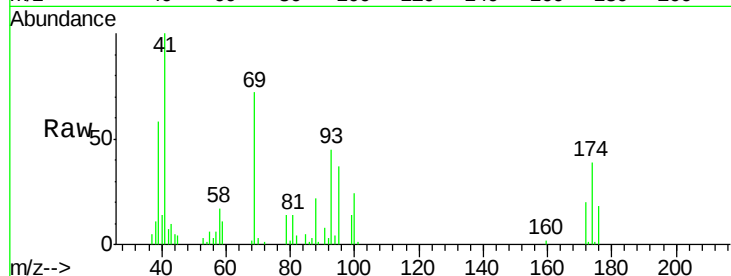




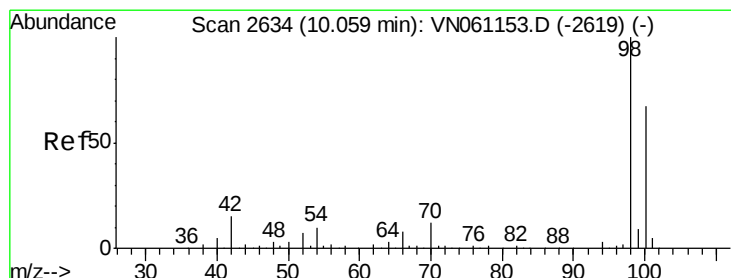
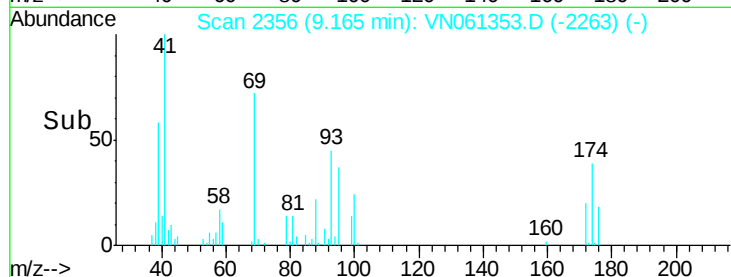
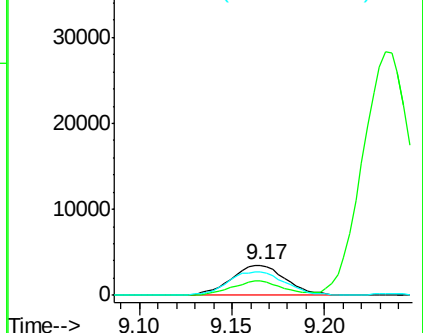
#49
1,4-Dioxane
Concen: 444.351 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 7126
Ion Ratio Lower Upper
88 100
43 44.3 35.3 52.9
58 81.3 61.5 92.3

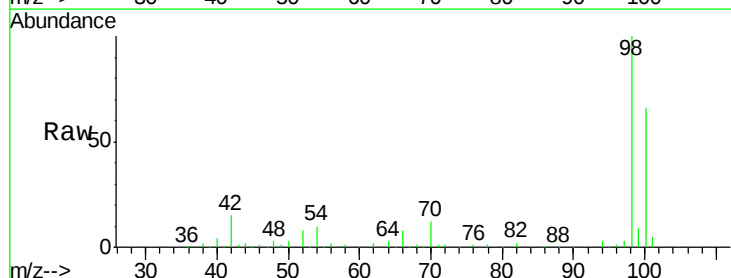


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

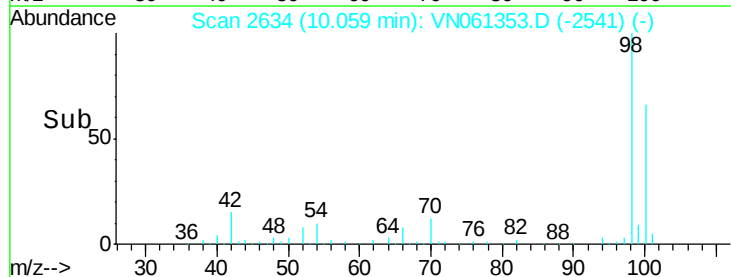
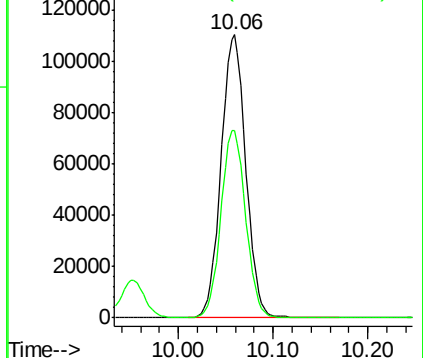


#50
Toluene-d8
Concen: 51.650 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 98 Resp: 200138
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



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

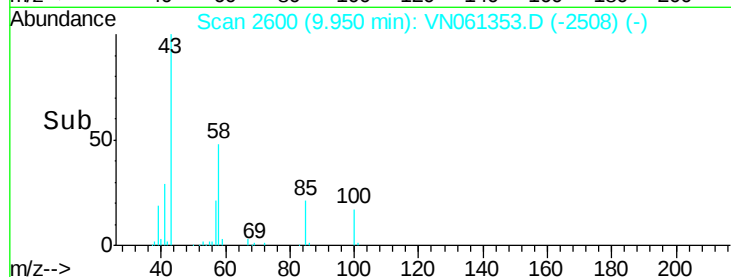
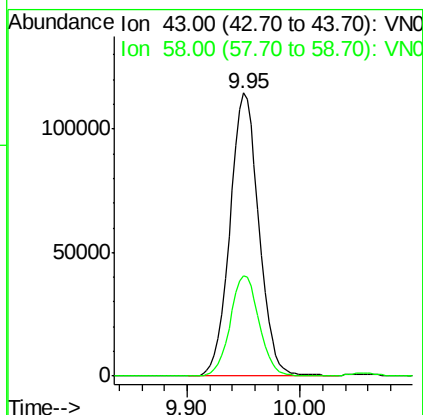
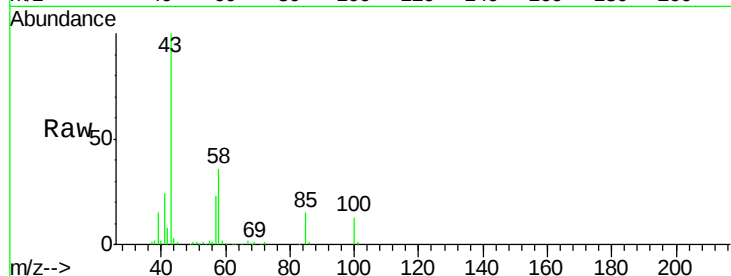




#51
 4-Methyl-2-Pentanone
 Concen: 110.658 ug/l
 RT: 9.95 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

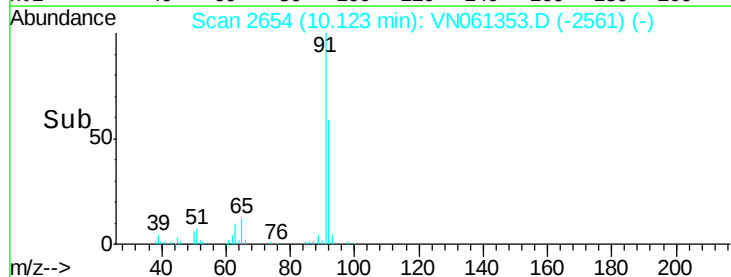
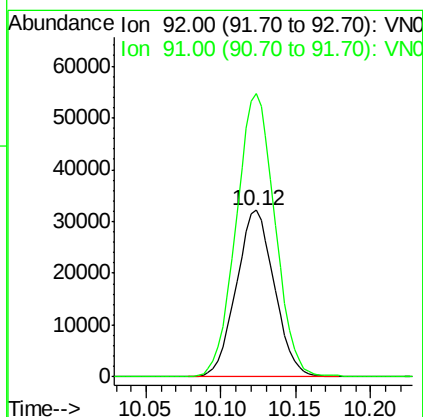
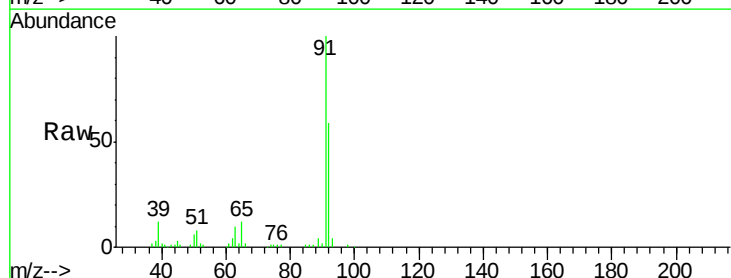
Instrument :
 MSVOA_N
 ClientSampled :

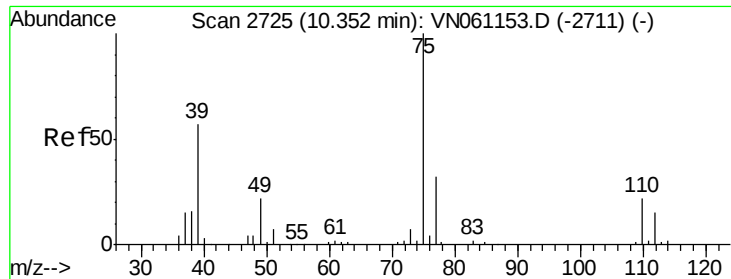
Tot Ion: 43 Resp: 203926
 Ion Ratio Lower Upper
 43 100
 58 35.5 29.1 43.7



#52
 Toluene
 Concen: 19.775 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 92 Resp: 57104
 Ion Ratio Lower Upper
 92 100
 91 172.7 136.2 204.2

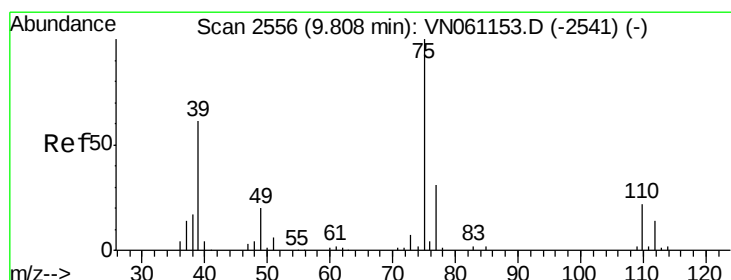
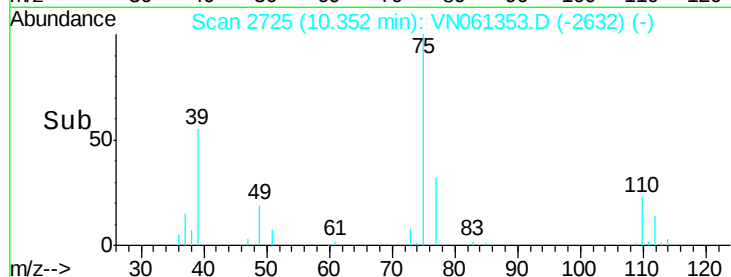
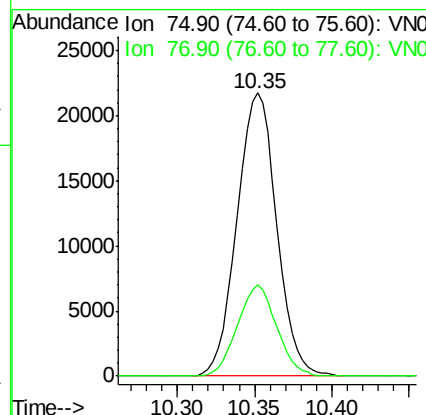
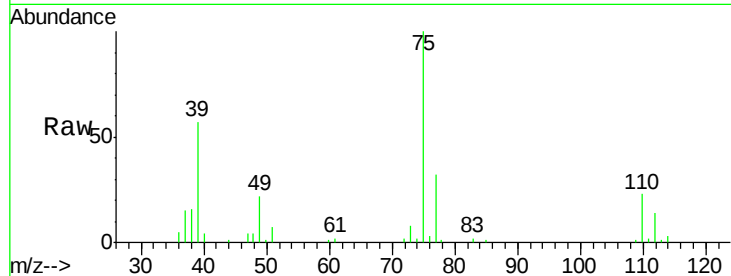




#53
 t-1,3-Dichloropropene
 Concen: 20.176 ug/l
 RT: 10.35 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

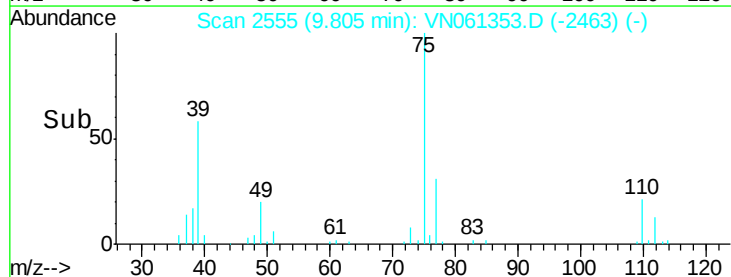
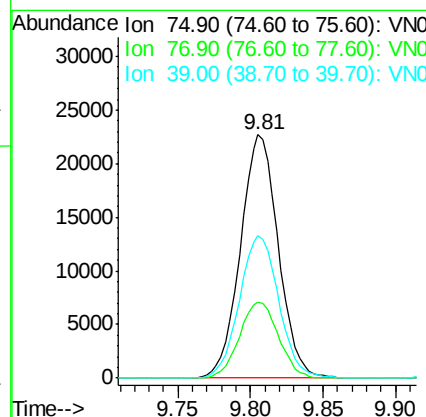
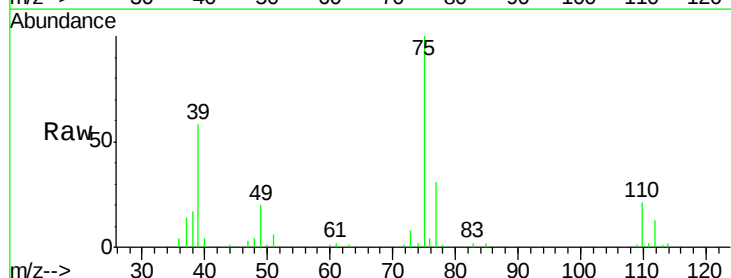
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 38697
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.285 ug/l
 RT: 9.81 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 75 Resp: 41131
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 58.4 48.7 73.1

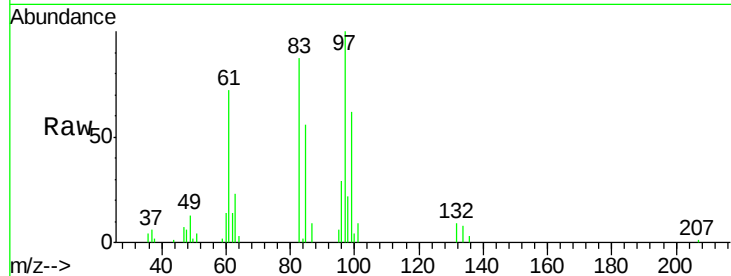




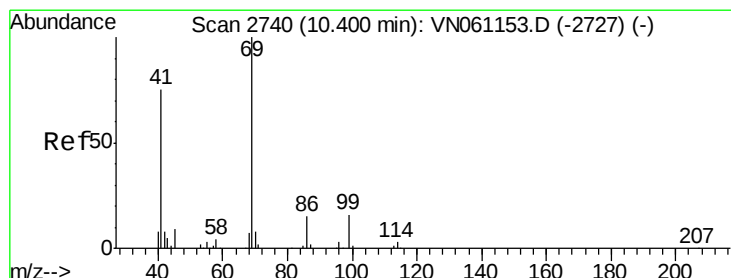
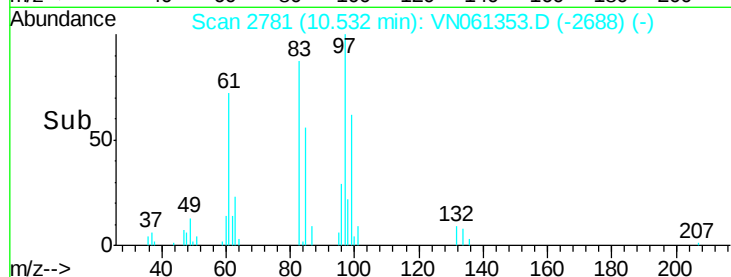
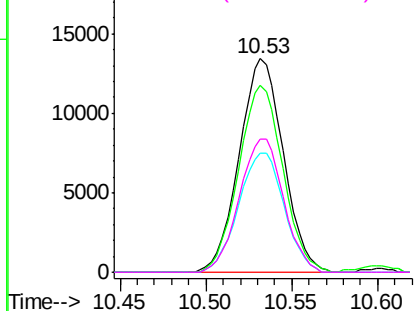
#55
 1,1,2-Trichloroethane
 Concen: 20.762 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 23913
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.6 106.0
 85 55.7 46.4 69.6
 99 62.3 50.6 75.8

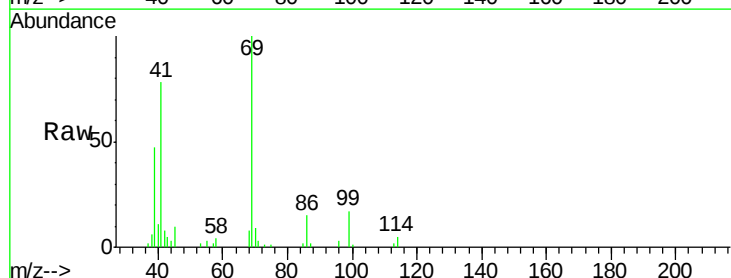


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

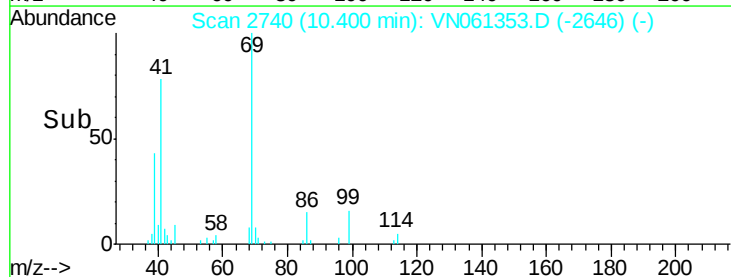
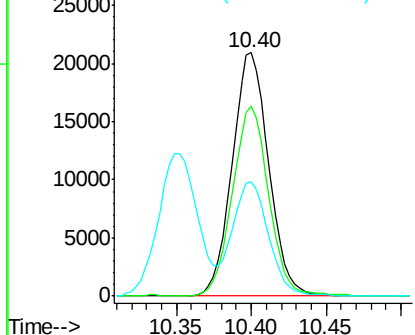


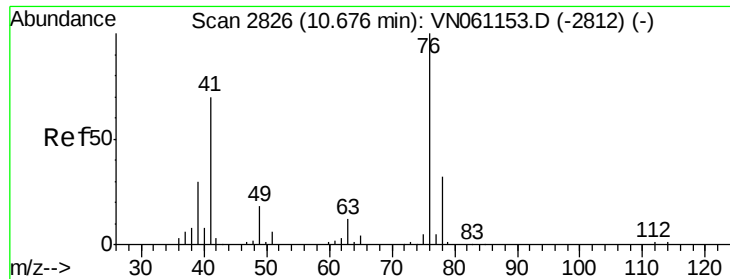
#56
 Ethyl methacrylate
 Concen: 19.489 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 69 Resp: 35584
 Ion Ratio Lower Upper
 69 100
 41 77.6 60.3 90.5
 39 46.7 35.9 53.9



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

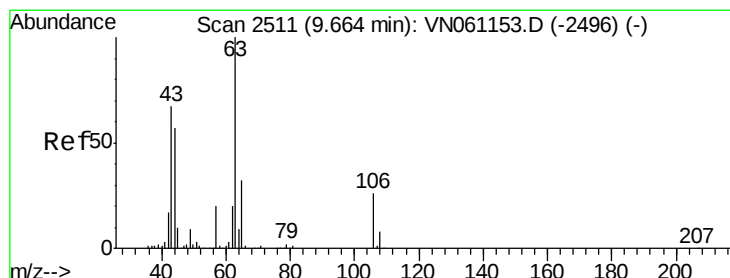
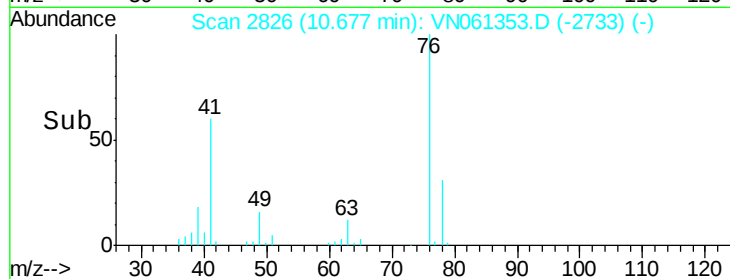
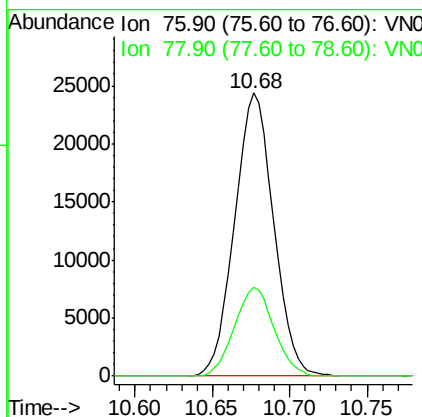
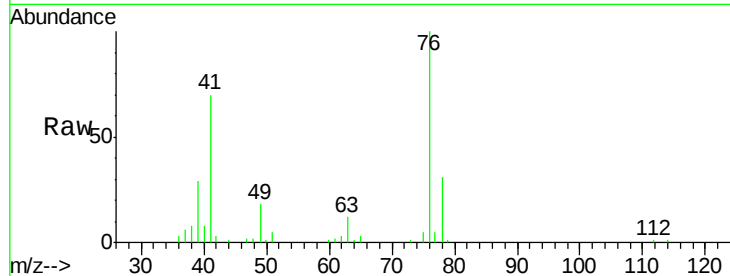




#57
 1,3-Dichloropropane
 Concen: 21.076 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

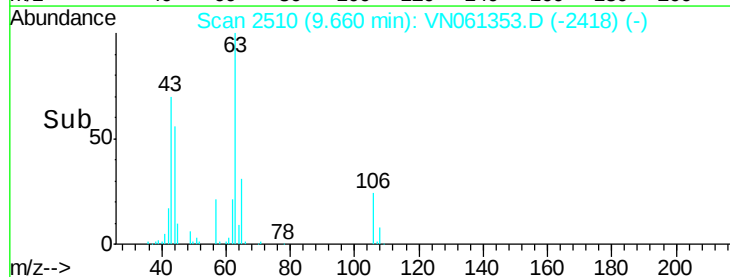
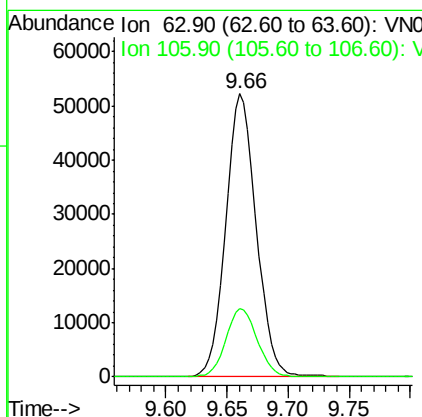
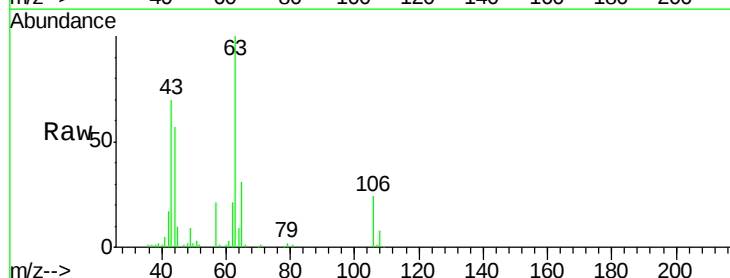
Instrument :
 MSVOA_N
 ClientSampled :

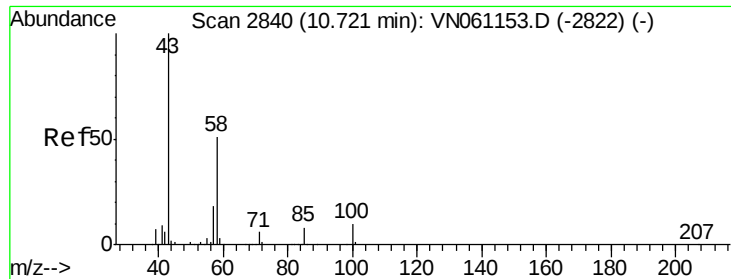
Tot Ion: 76 Resp: 42670
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.946 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 63 Resp: 91316
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.6 30.8

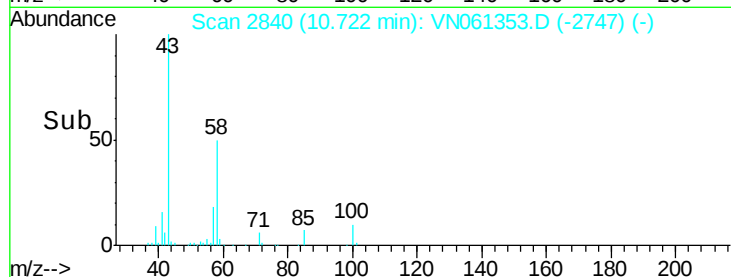
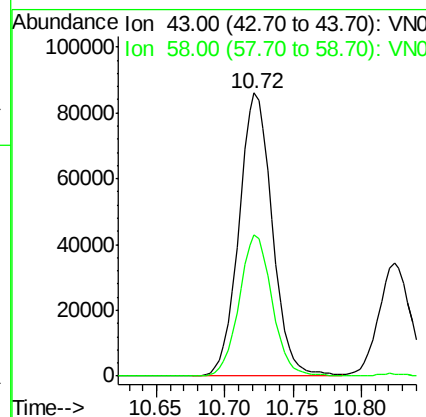
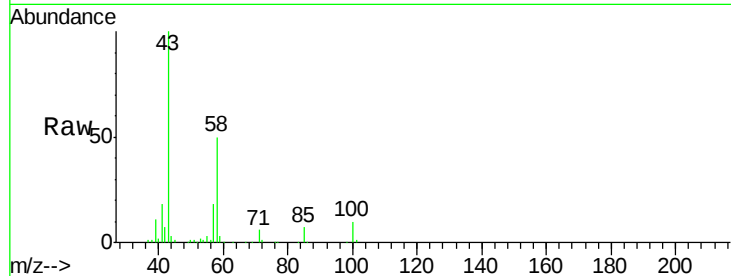




#59
2-Hexanone
Concen: 108.734 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

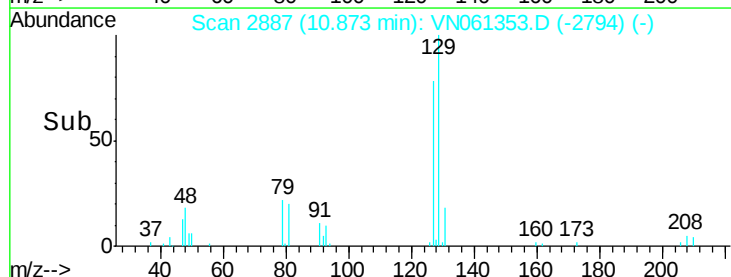
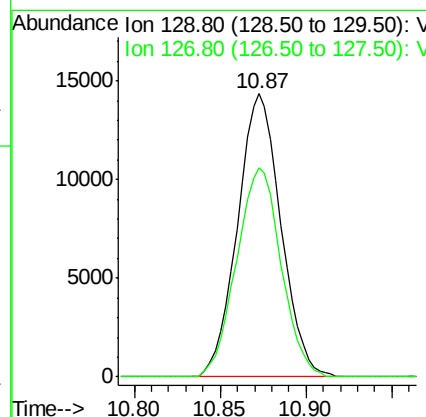
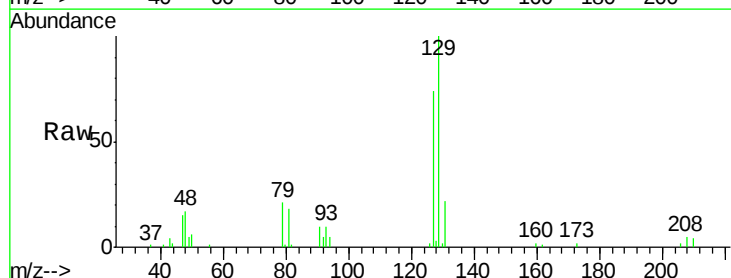
Instrument :
MSVOA_N
ClientSampleId :

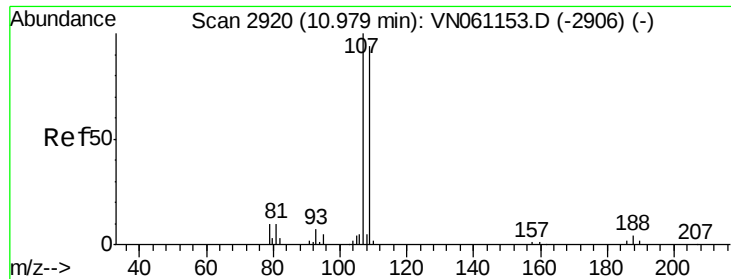
Tot Ion: 43 Resp: 145780
Ion Ratio Lower Upper
43 100
58 49.5 25.4 76.4



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 129 Resp: 25095
Ion Ratio Lower Upper
129 100
127 75.8 39.3 117.8

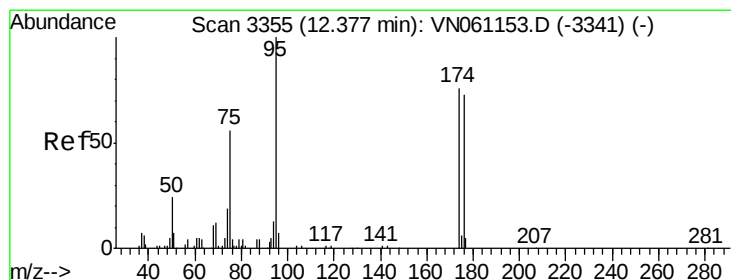
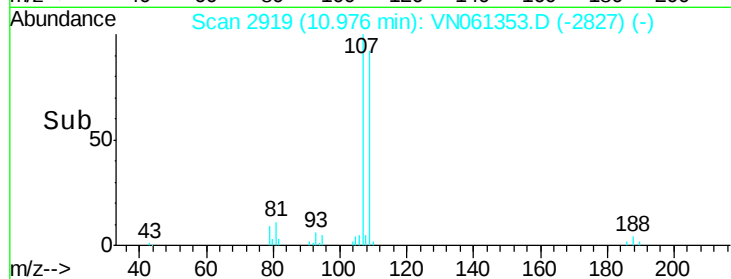
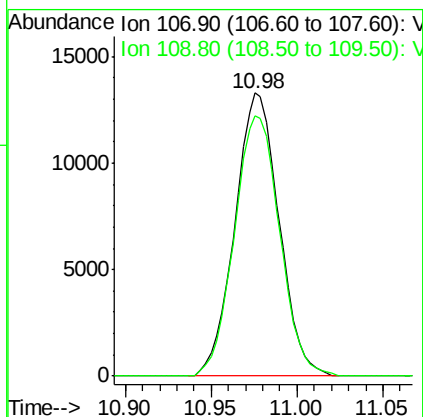
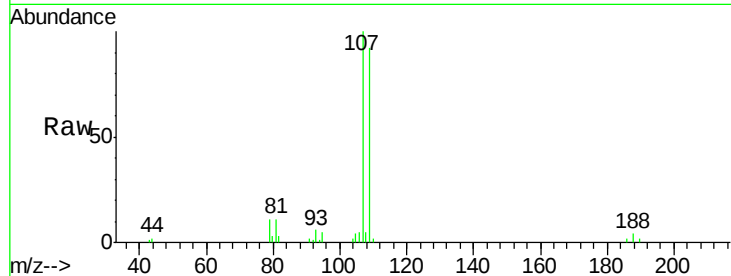




#61
 1,2-Dibromoethane
 Concen: 20.471 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

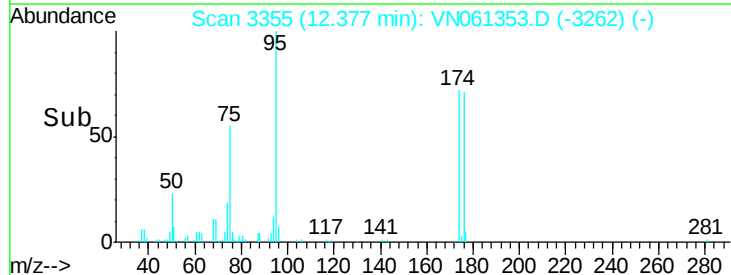
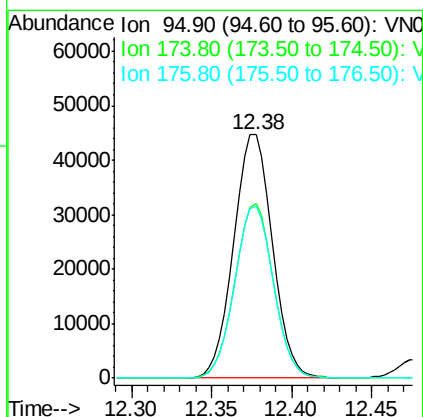
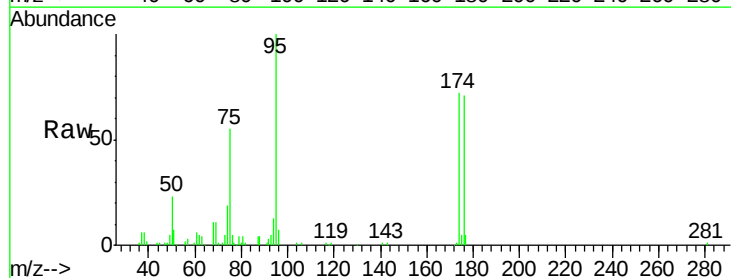
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 23632
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.618 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 95 Resp: 73810
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 149.4
 176 70.3 0.0 144.8

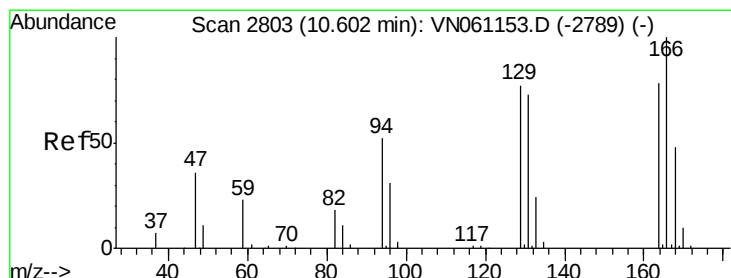
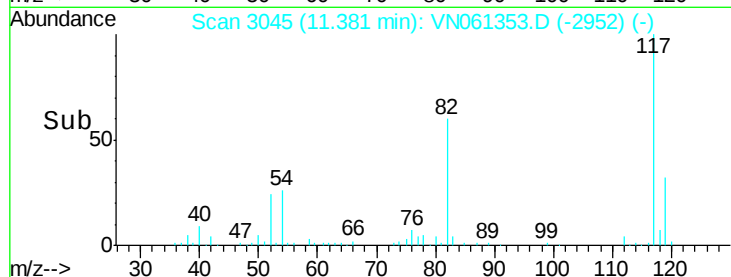
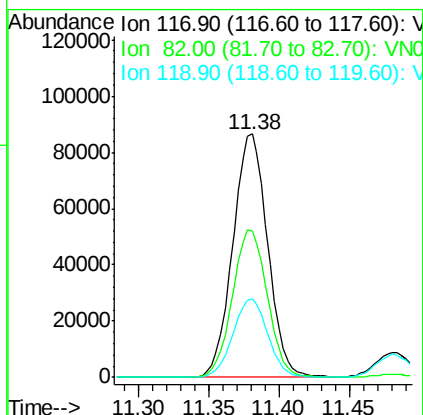
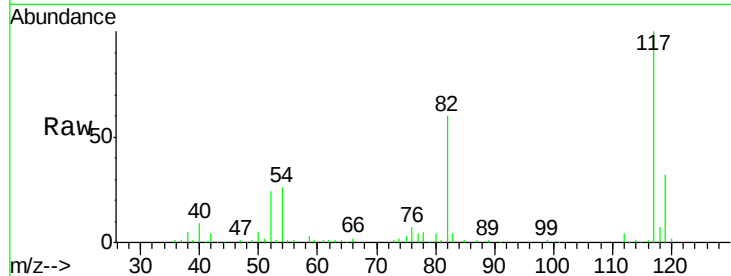




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

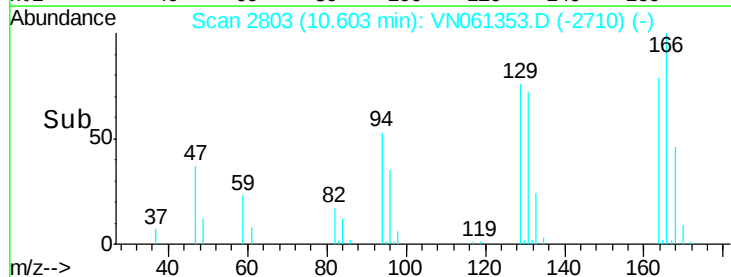
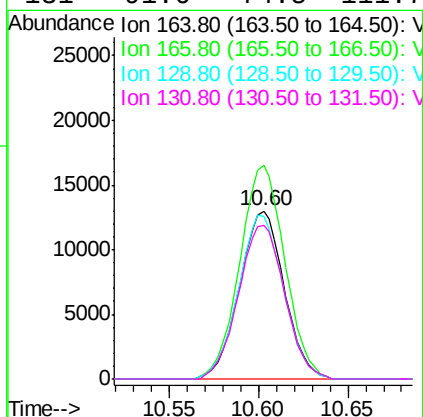
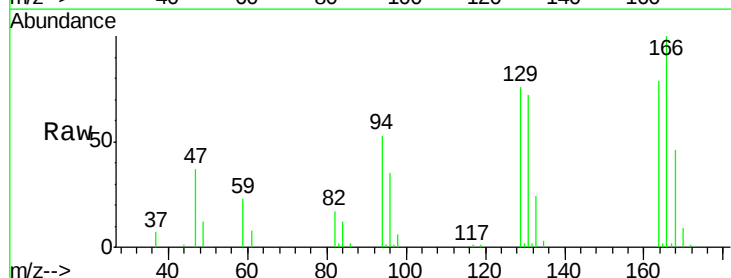
Instrument :
MSVOA_N
ClientSampled :

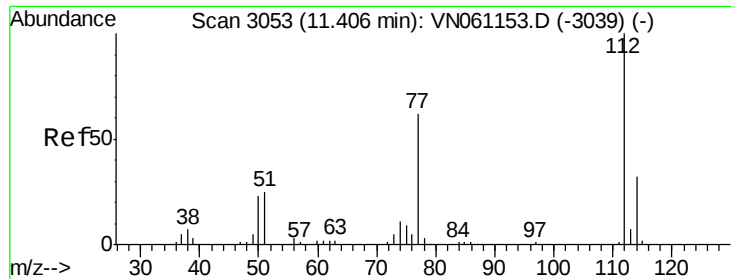
Tot Ion:117 Resp: 149939
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 17.530 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion:164 Resp: 22765
Ion Ratio Lower Upper
164 100
166 127.0 102.0 153.0
129 97.1 78.2 117.2
131 91.6 74.5 111.7

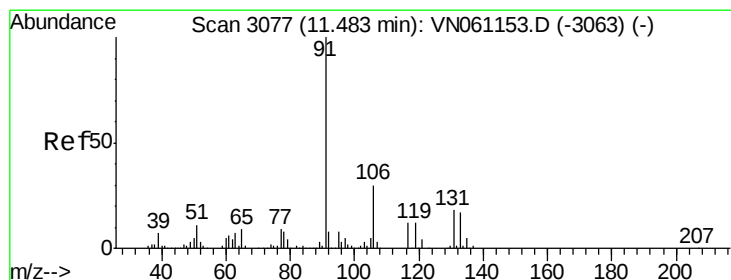
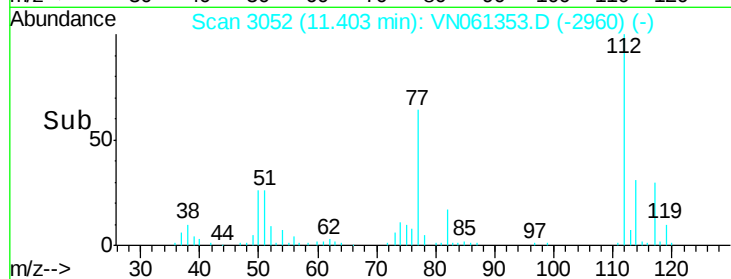
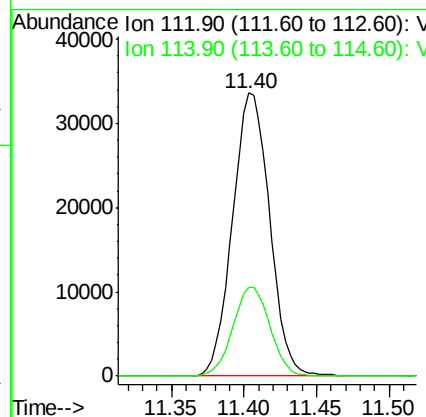
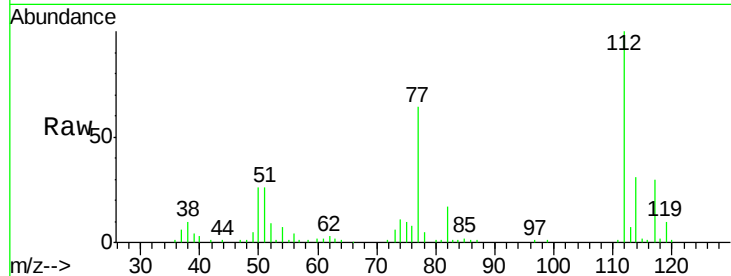




#65
Chlorobenzene
Concen: 20.046 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

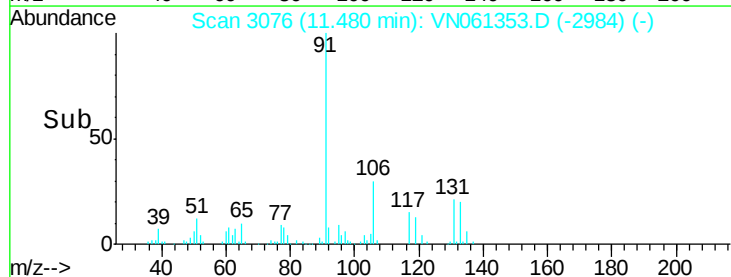
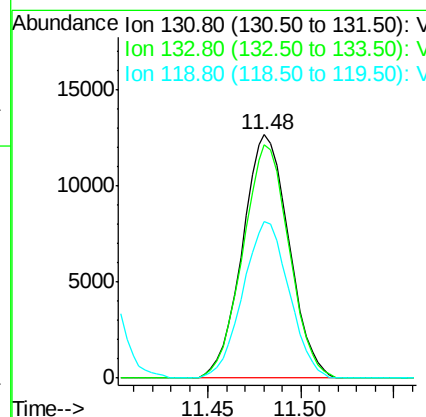
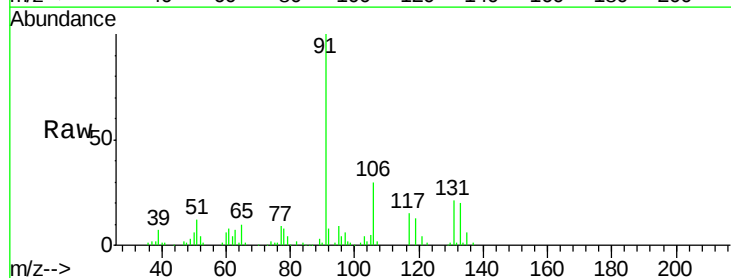
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 59623
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.679 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion:131 Resp: 22013
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 63.8 32.6 97.8

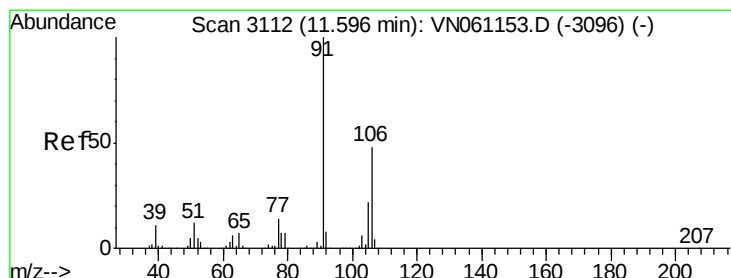
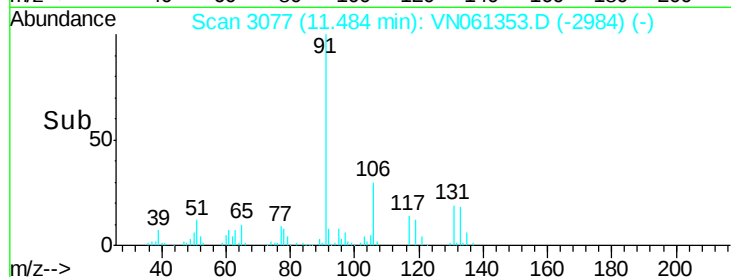
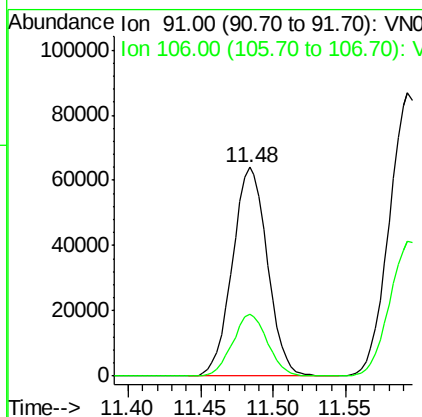
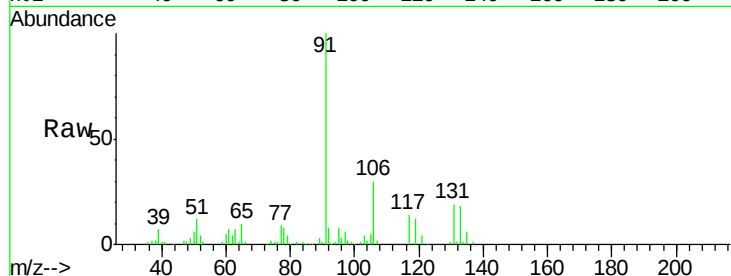




#67
Ethyl Benzene
Concen: 19.251 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

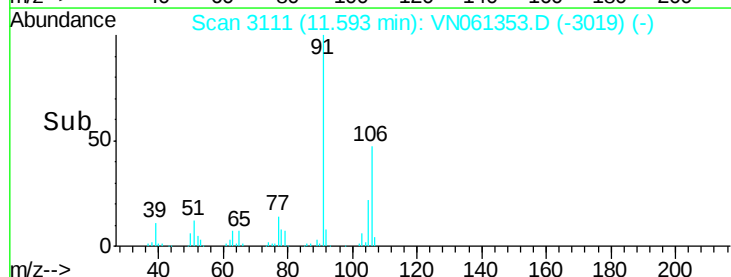
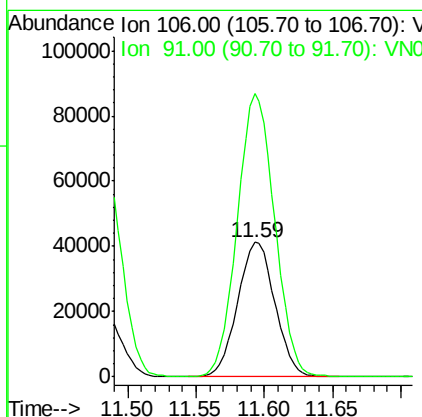
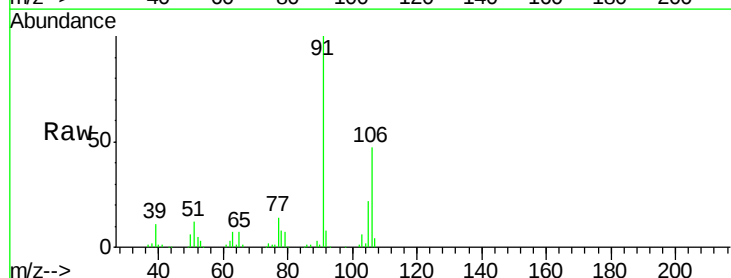
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 107189
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 38.538 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 106 Resp: 78540
Ion Ratio Lower Upper
106 100
91 210.3 166.4 249.6

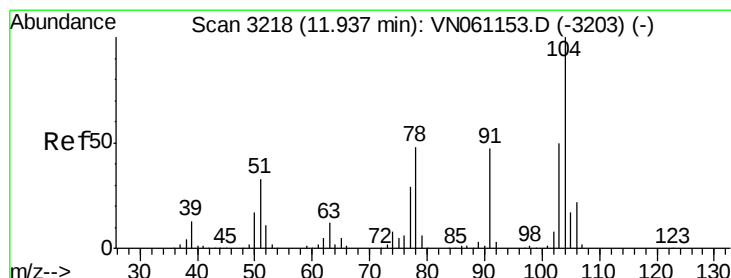
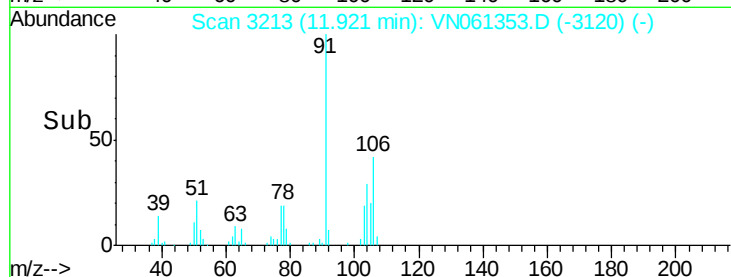
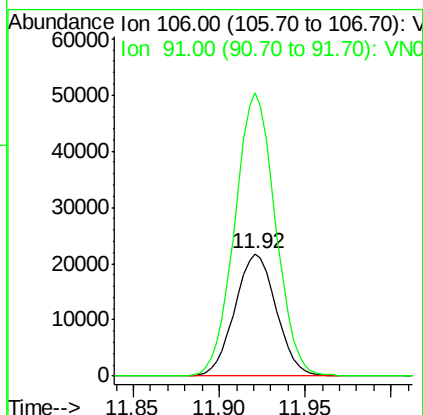
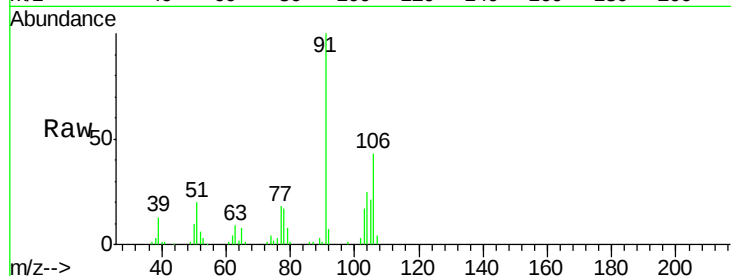




#69
o-Xylene
Concen: 18.629 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

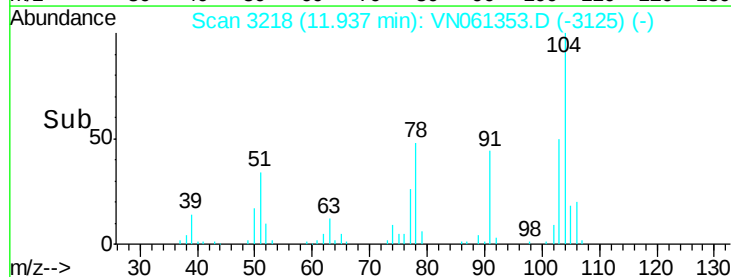
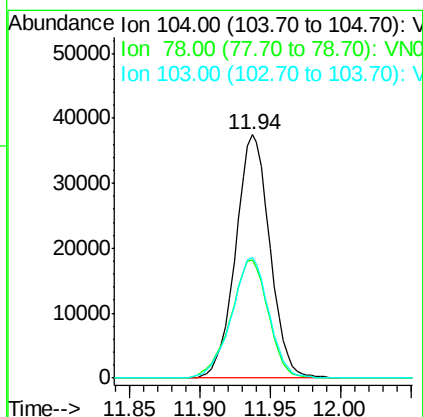
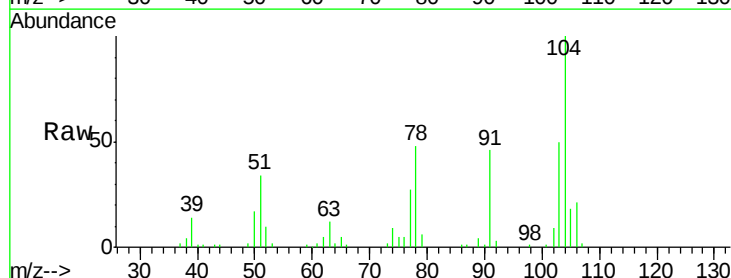
Instrument :
MSVOA_N
ClientSampled :

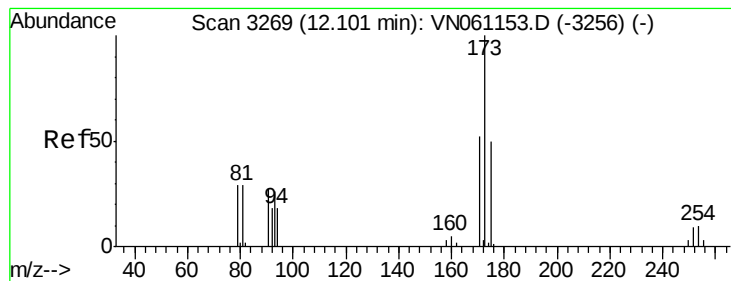
Tot Ion:106 Resp: 36468
Ion Ratio Lower Upper
106 100
91 226.5 109.7 329.0



#70
Styrene
Concen: 19.477 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion:104 Resp: 63816
Ion Ratio Lower Upper
104 100
78 53.1 42.1 63.1
103 53.7 43.3 64.9





#71

Bromoform

Concen: 21.301 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

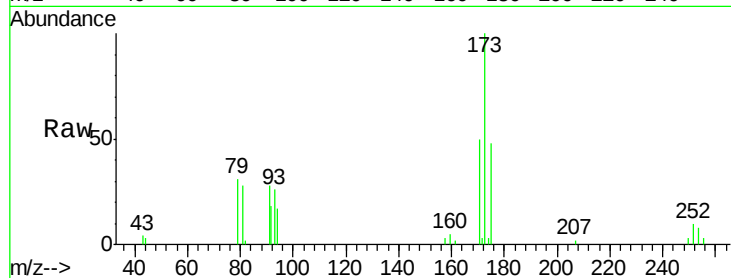
Tot Ion:173 Resp: 16665

Ion Ratio Lower Upper

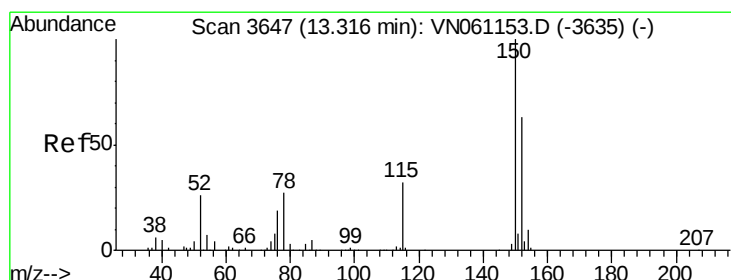
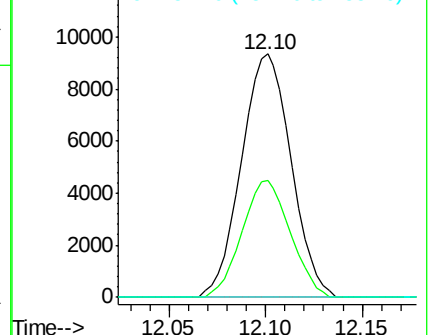
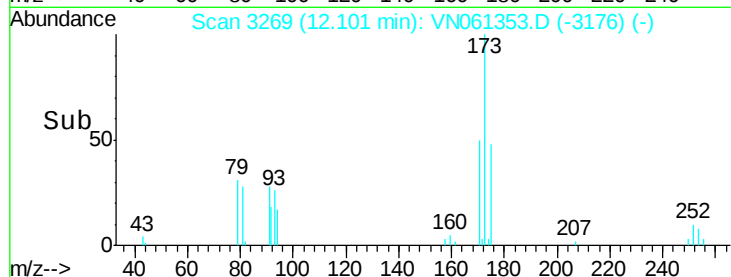
173 100

175 46.6 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

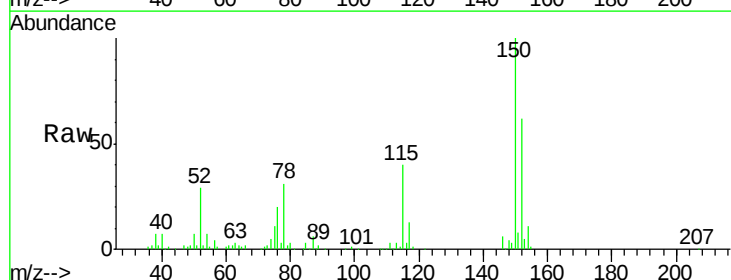
Tgt Ion:152 Resp: 69230

Ion Ratio Lower Upper

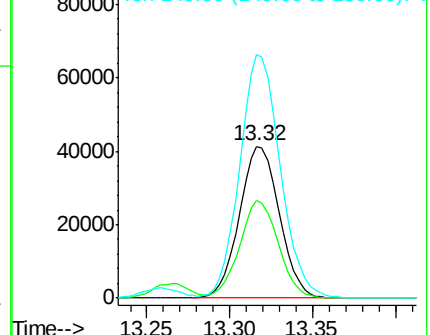
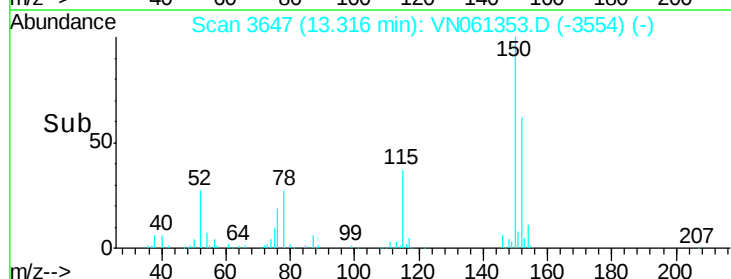
152 100

115 62.5 31.0 93.0

150 163.2 0.0 351.8



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





#73

Isopropylbenzene

Concen: 19.702 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

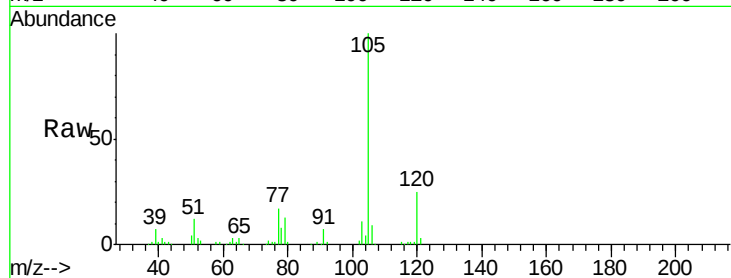
ClientSampleId :

Tot Ion:105 Resp: 100272

Ion Ratio Lower Upper

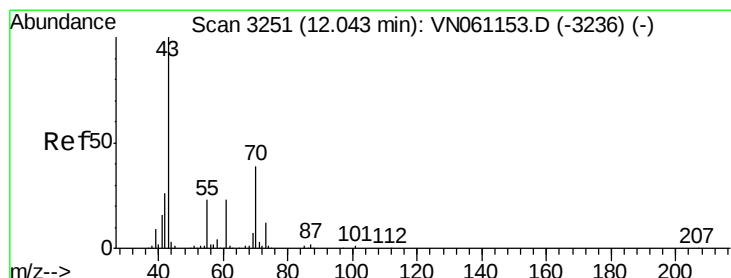
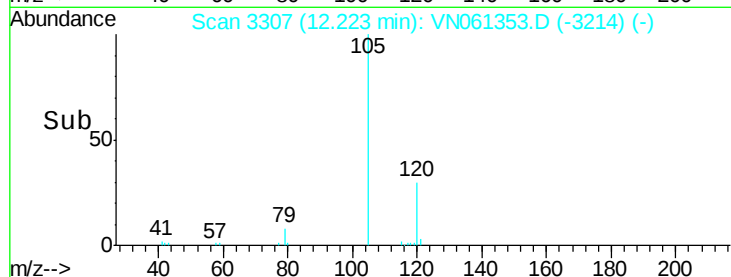
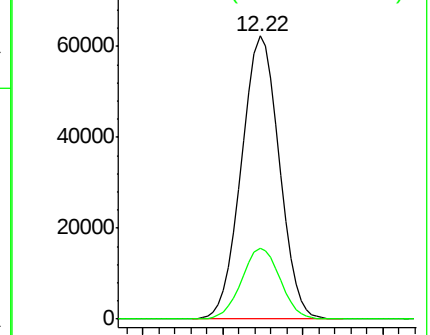
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.475 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Tgt Ion: 43 Resp: 52767

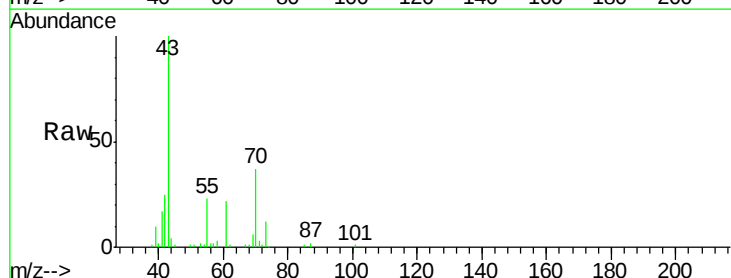
Ion Ratio Lower Upper

43 100

70 36.7 30.6 46.0

55 23.5 18.5 27.7

61 21.4 17.9 26.9

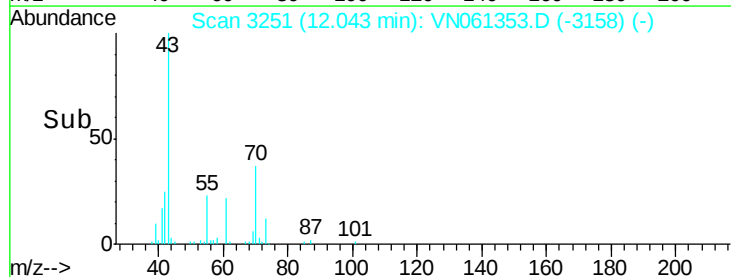
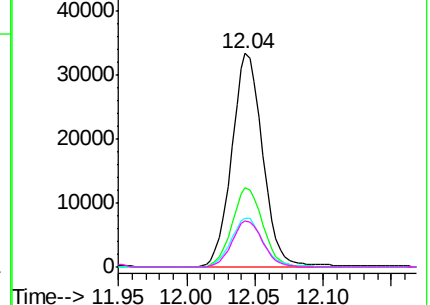


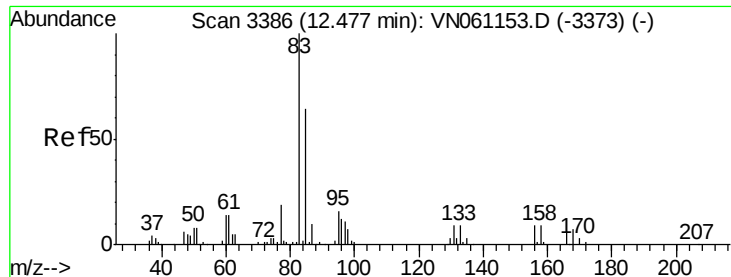
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.268 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

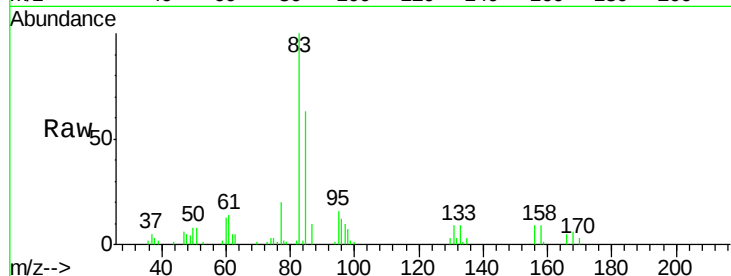
Tot Ion: 83 Resp: 35339

Ion Ratio Lower Upper

83 100

131 8.8 4.8 14.3

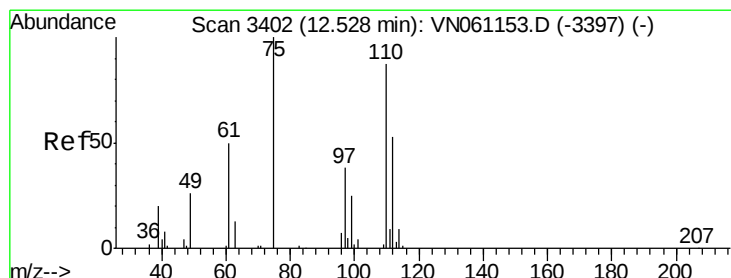
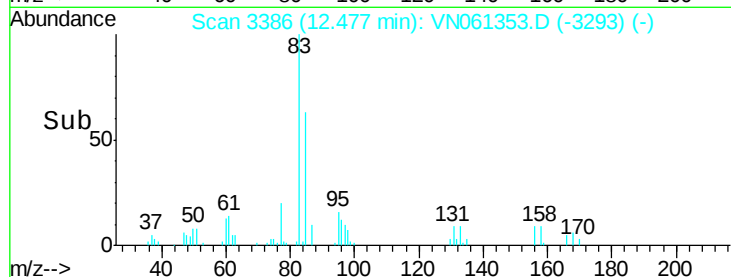
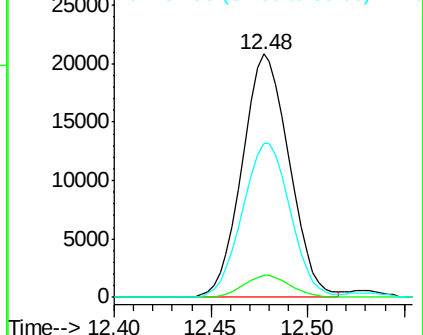
85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.868 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061353.D

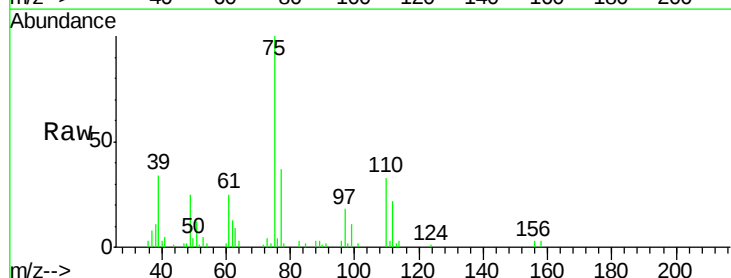
Acq: 8 May 2020 11:53

Tgt Ion: 75 Resp: 47972

Ion Ratio Lower Upper

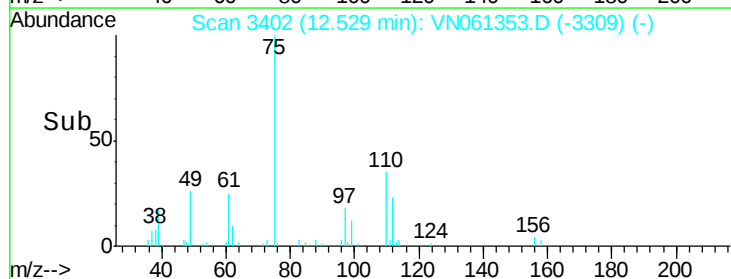
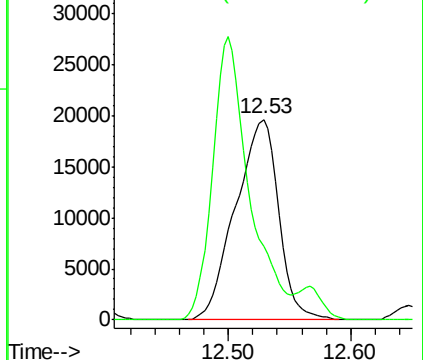
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.752 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

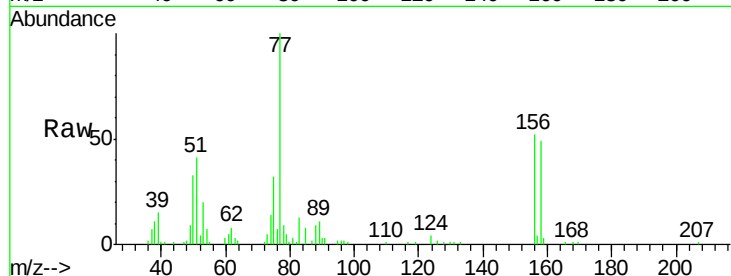
Tot Ion:156 Resp: 24381

Ion Ratio Lower Upper

156 100

77 239.1 117.4 352.2

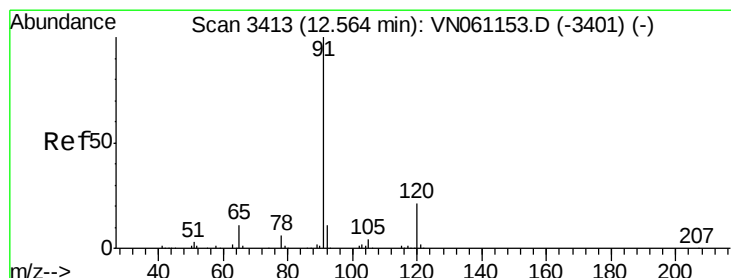
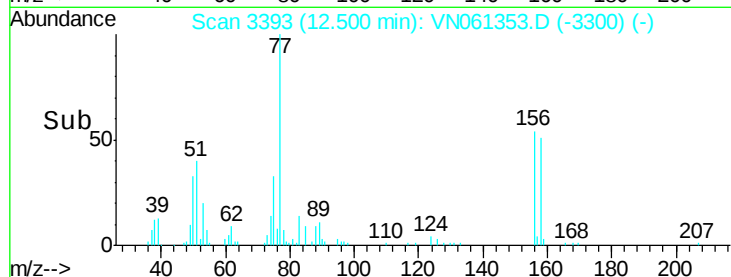
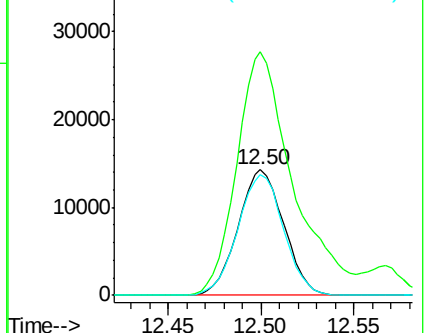
158 96.6 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.881 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061353.D

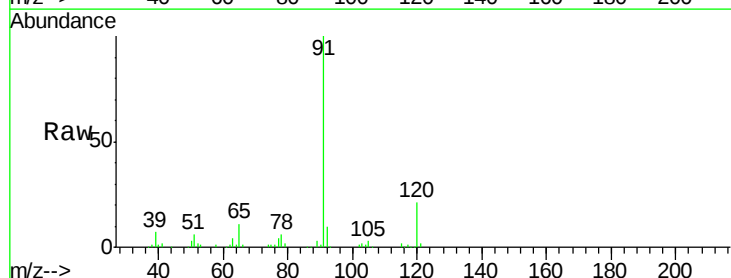
Acq: 8 May 2020 11:53

Tgt Ion: 91 Resp: 120016

Ion Ratio Lower Upper

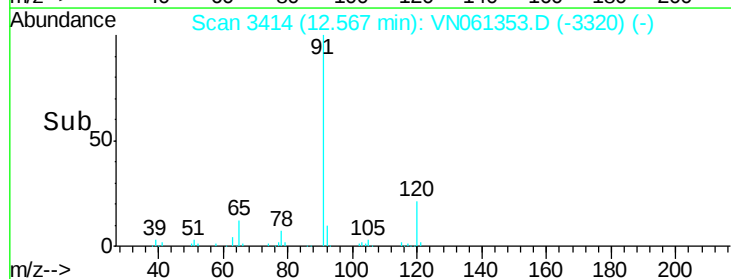
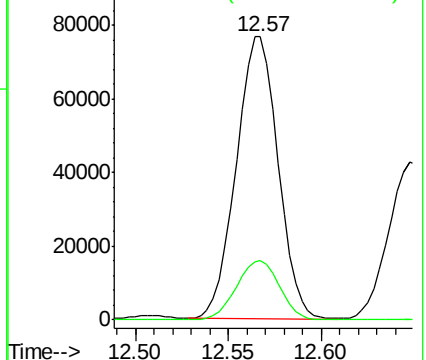
91 100

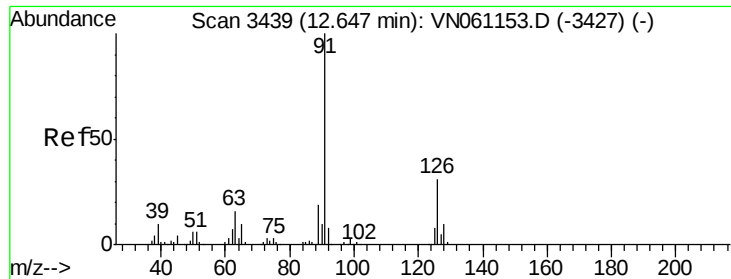
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.223 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

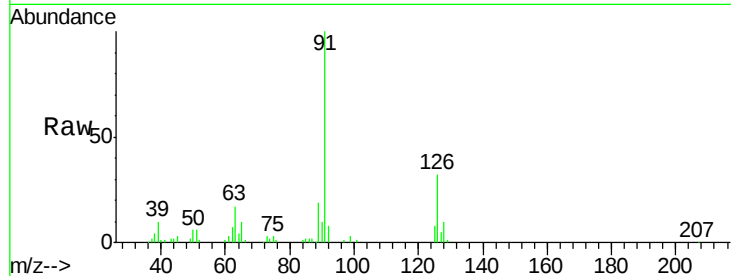
ClientSampled :

Tot Ion: 91 Resp: 71754

Ion Ratio Lower Upper

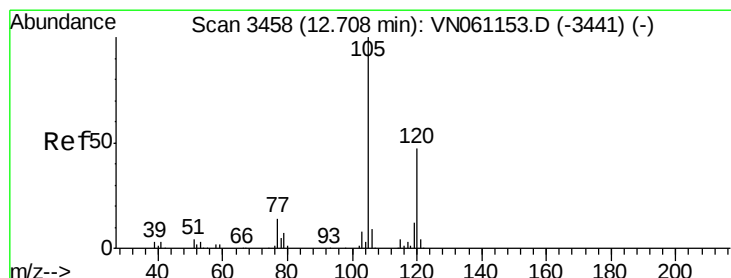
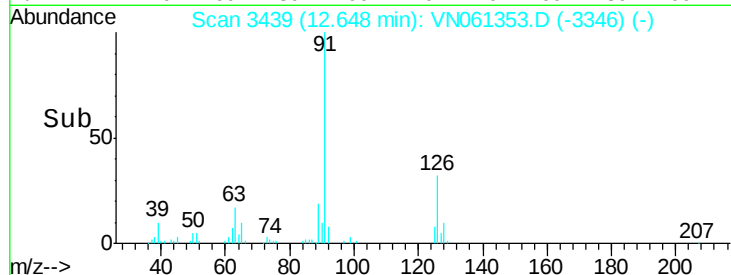
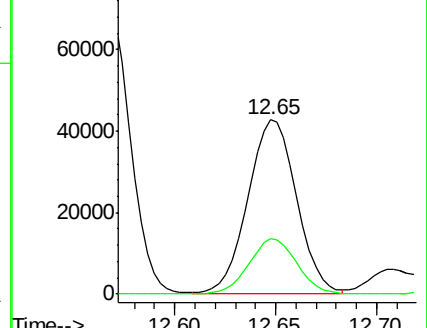
91 100

126 31.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.111 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061353.D

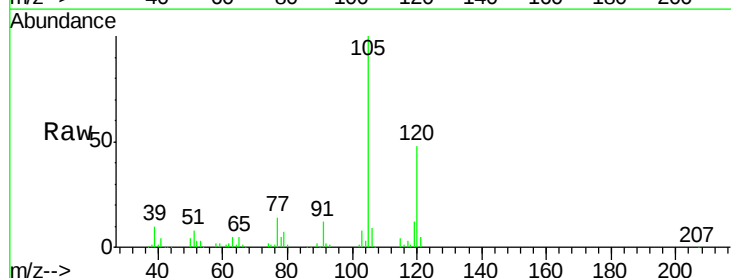
Acq: 8 May 2020 11:53

Tgt Ion: 105 Resp: 84713

Ion Ratio Lower Upper

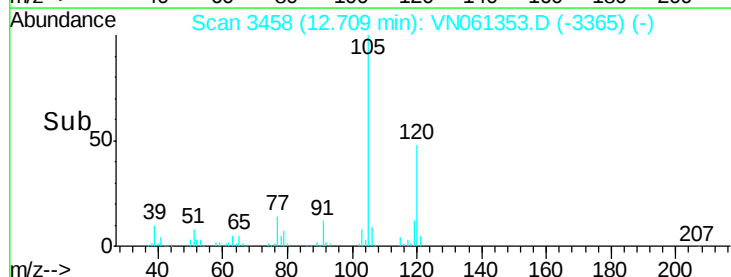
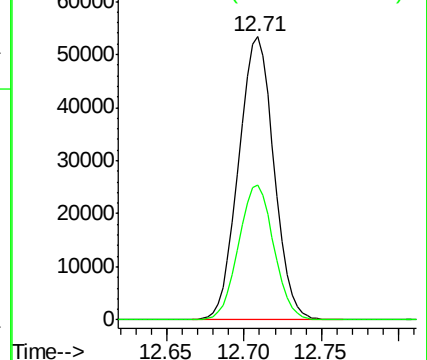
105 100

120 47.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.934 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

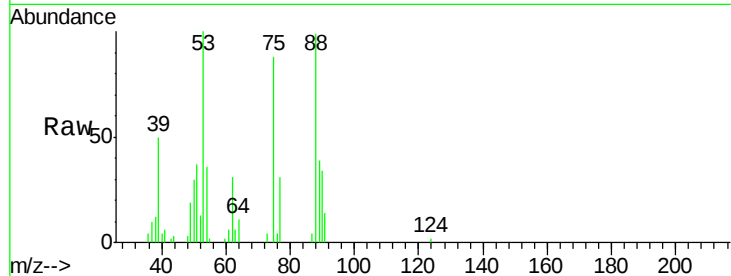
Tot Ion: 75 Resp: 12032

Ion Ratio Lower Upper

75 100

53 110.2 84.1 126.1

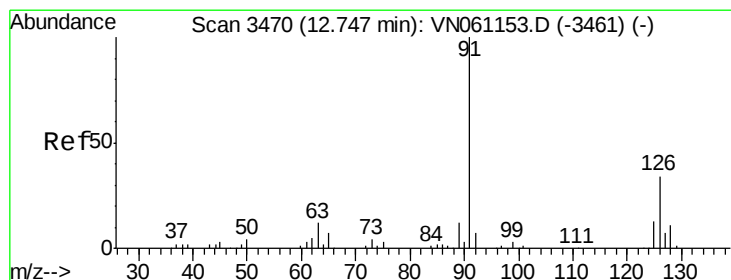
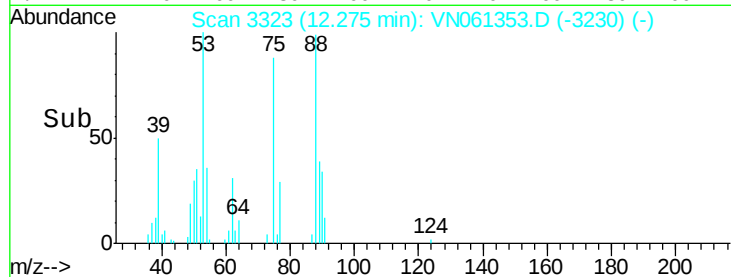
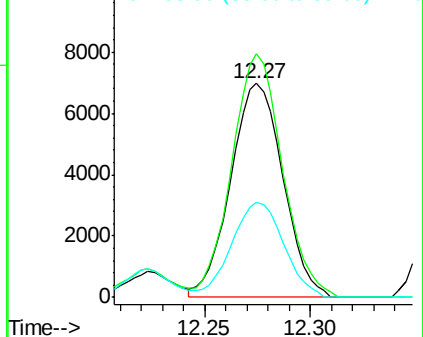
89 43.9 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.314 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061353.D

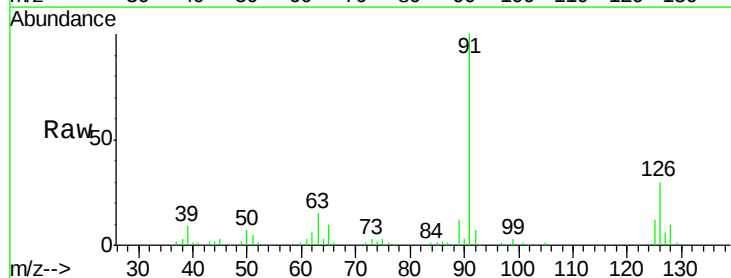
Acq: 8 May 2020 11:53

Tgt Ion: 91 Resp: 75969

Ion Ratio Lower Upper

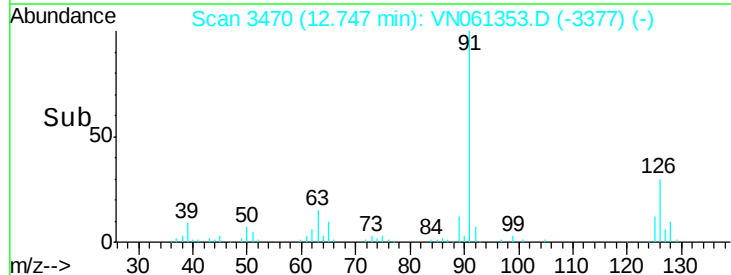
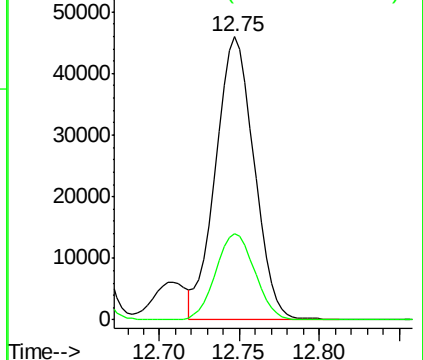
91 100

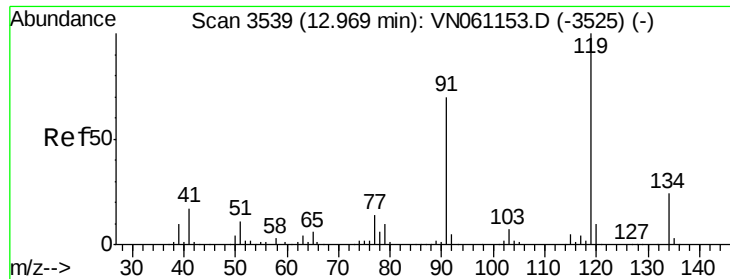
126 30.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

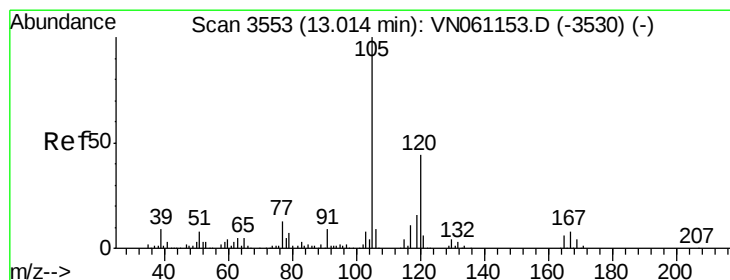
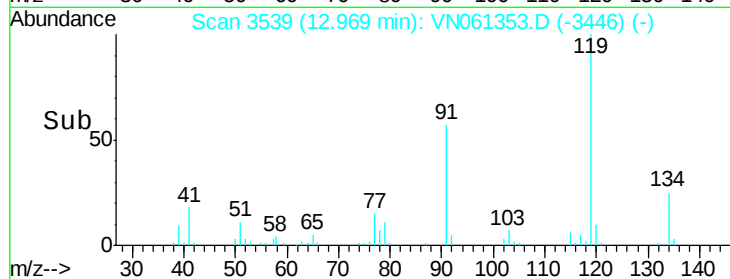
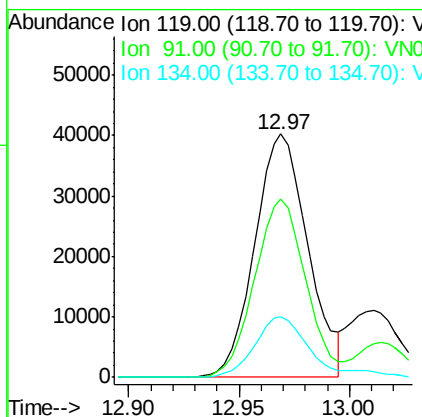
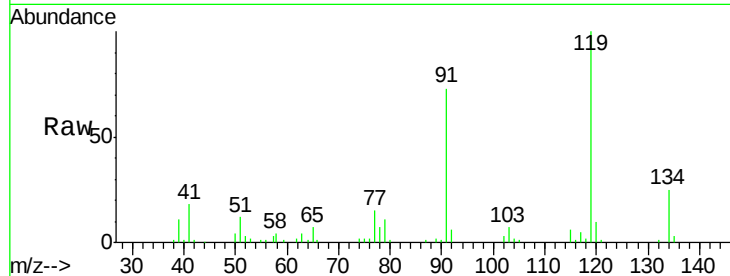




#83
 tert-Butylbenzene
 Concen: 18.921 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

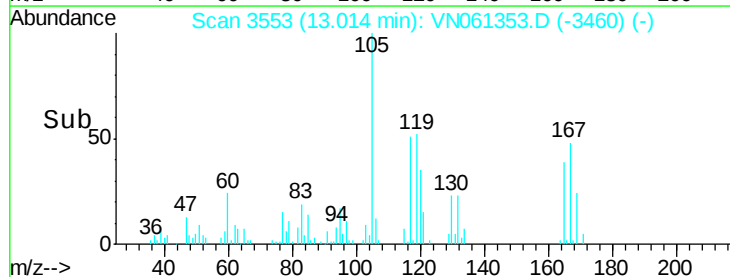
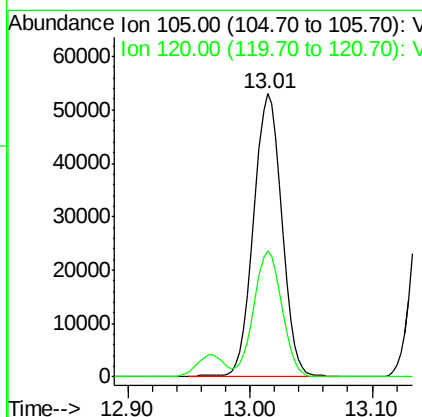
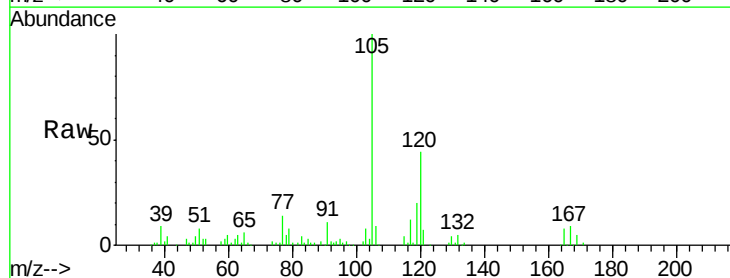
Instrument :
 MSVOA_N
 ClientSampled :

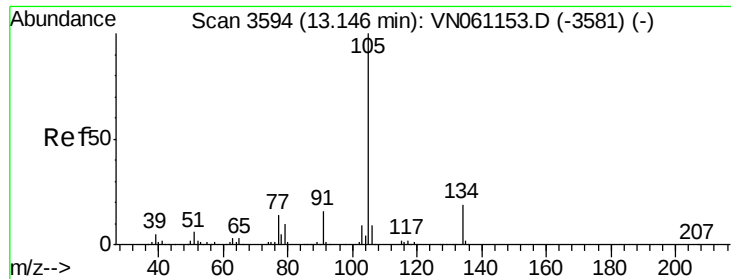
Tot Ion:119 Resp: 67206
 Ion Ratio Lower Upper
 119 100
 91 71.1 34.8 104.4
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.504 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion:105 Resp: 84643
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6

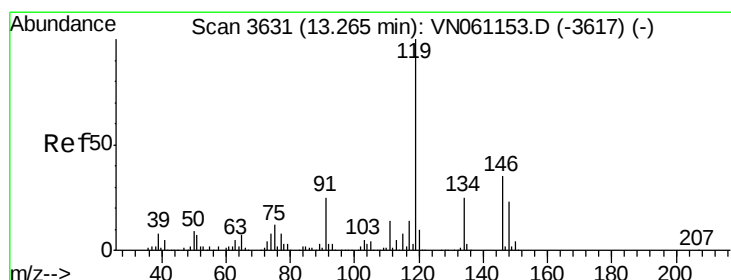
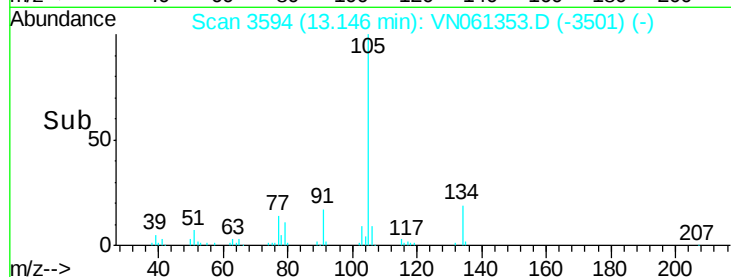
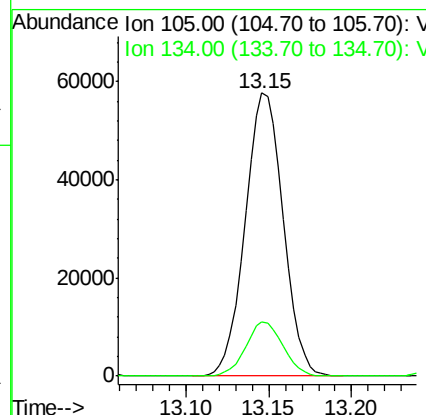
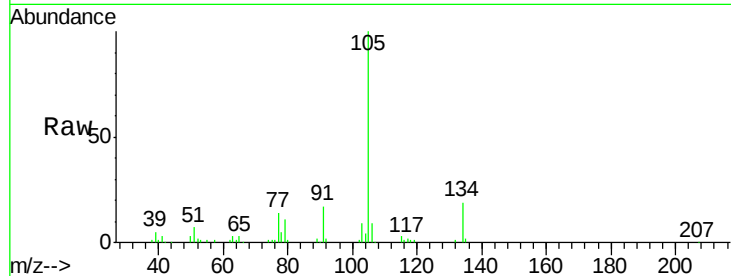




#85
 sec-Butylbenzene
 Concen: 19.022 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

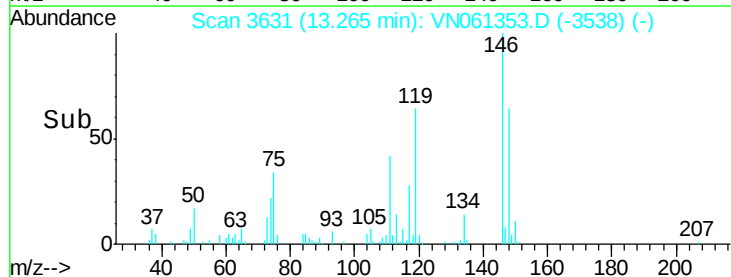
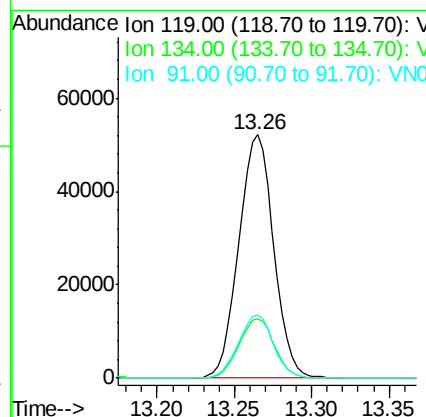
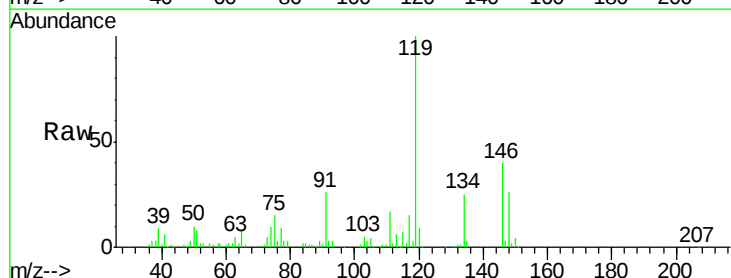
Instrument :
 MSVOA_N
 ClientSampled :

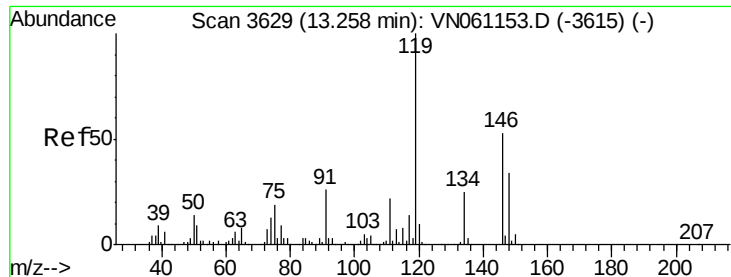
Tot Ion:105 Resp: 92112
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 18.677 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion:119 Resp: 81490
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.6
 91 26.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.896 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

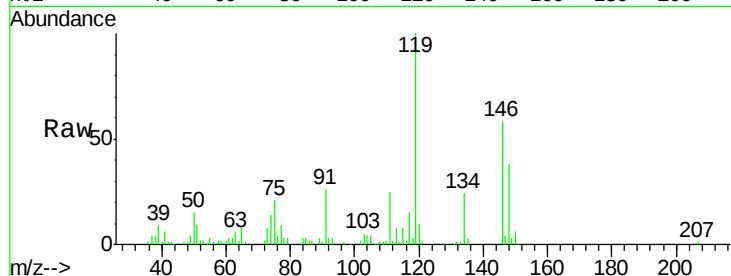
Tot Ion:146 Resp: 43031

Ion Ratio Lower Upper

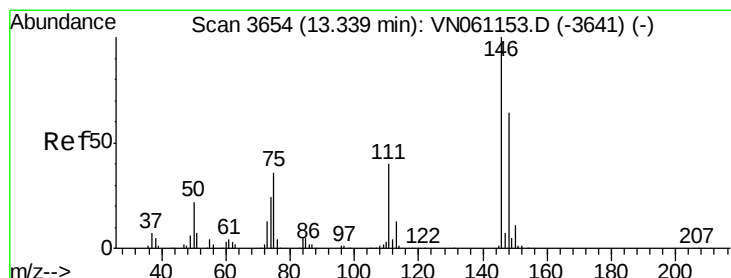
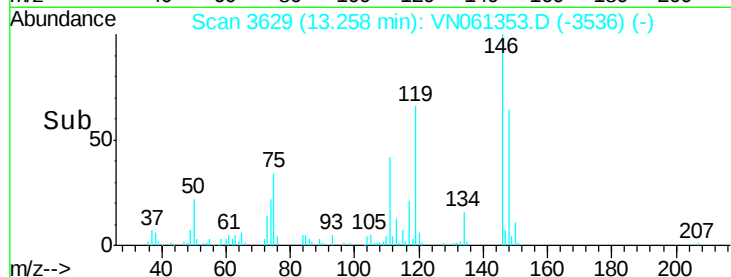
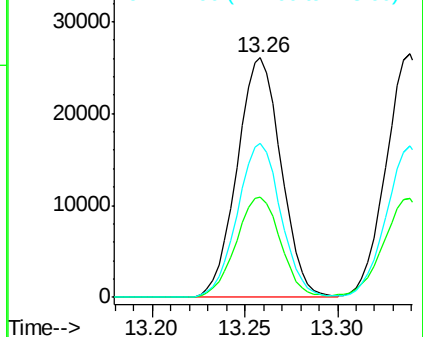
146 100

111 42.3 20.7 62.1

148 63.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.821 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061353.D

Acq: 8 May 2020 11:53

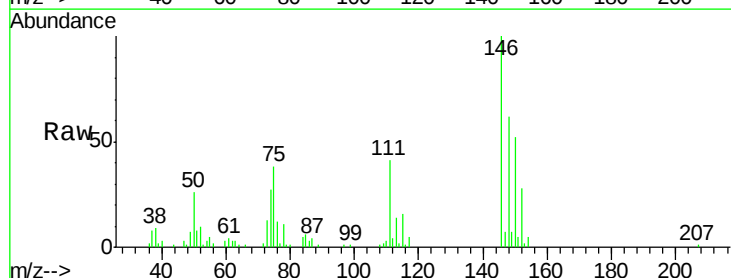
Tgt Ion:146 Resp: 43802

Ion Ratio Lower Upper

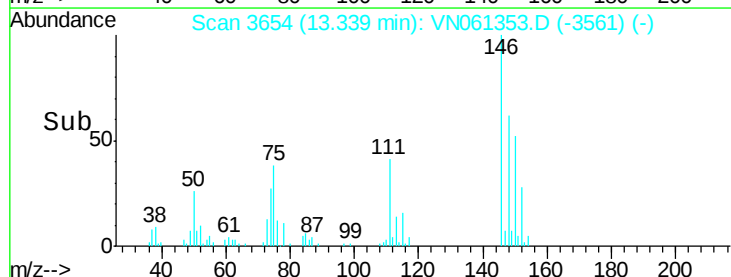
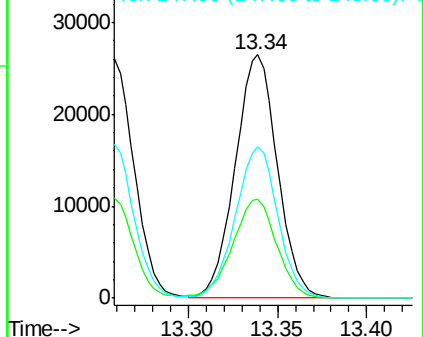
146 100

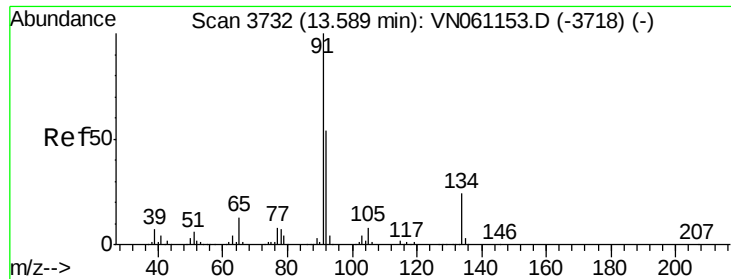
111 42.5 20.4 61.3

148 62.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

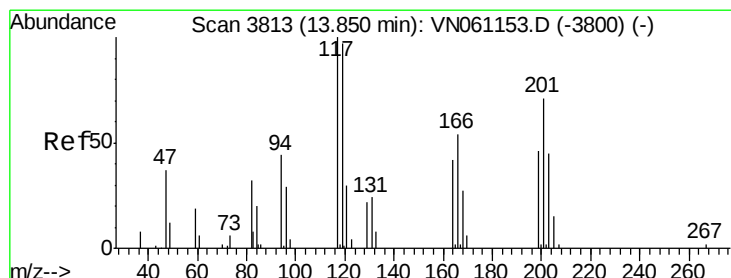
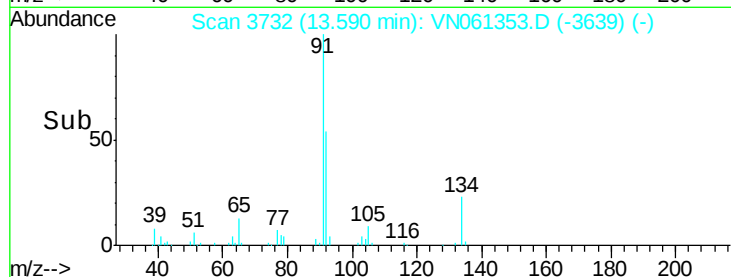
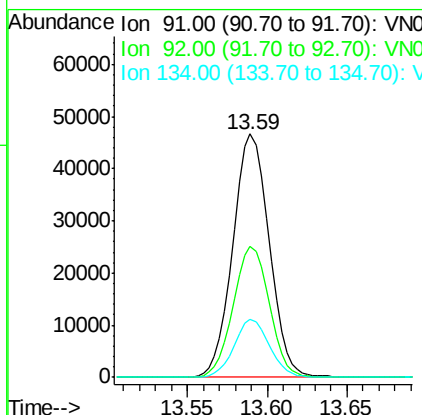
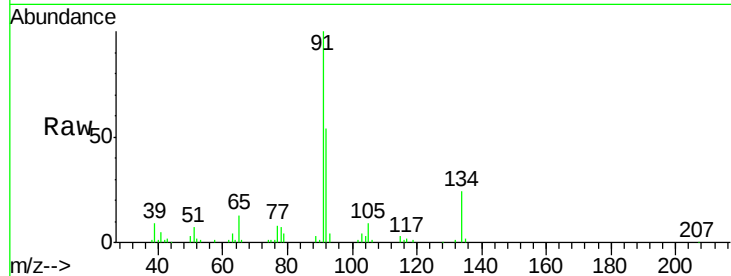




#89
n-Butylbenzene
Concen: 18.056 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

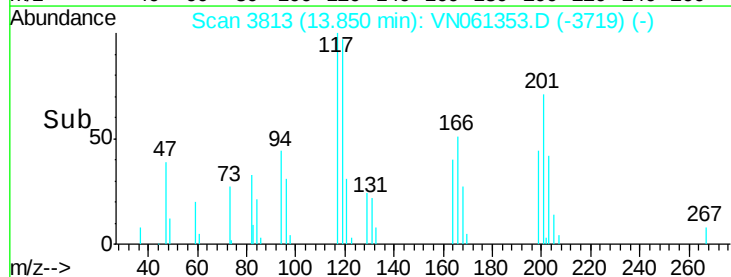
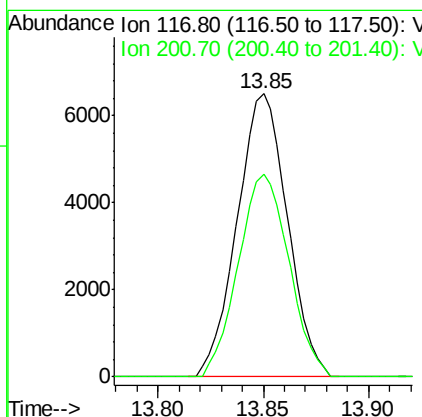
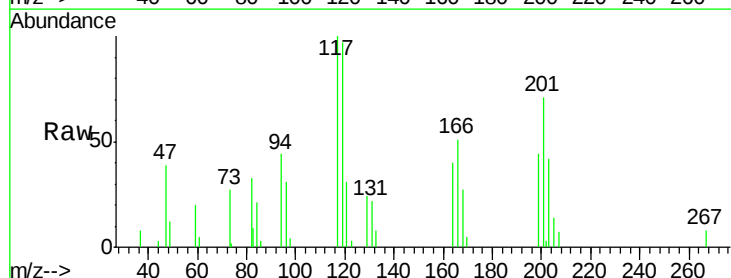
Instrument :
MSVOA_N
ClientSampled :

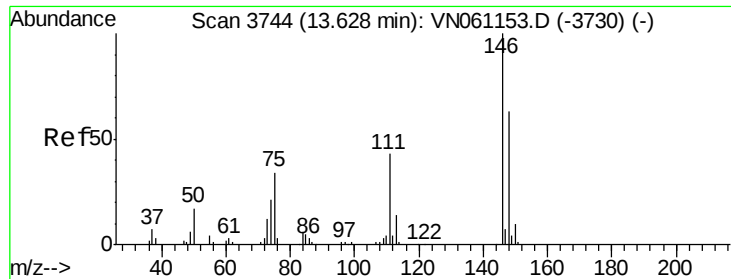
Tot Ion: 91 Resp: 72222
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 23.0 11.9 35.5



#90
Hexachloroethane
Concen: 27.714 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion: 117 Resp: 10787
Ion Ratio Lower Upper
117 100
201 72.1 35.5 106.7

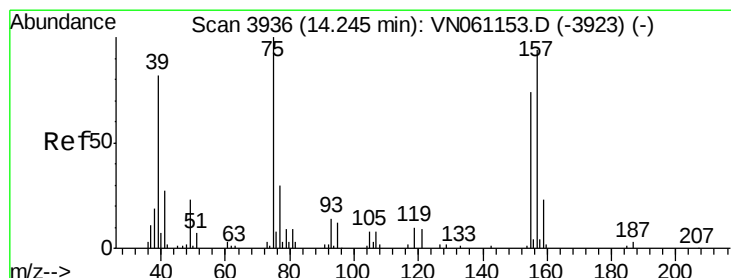
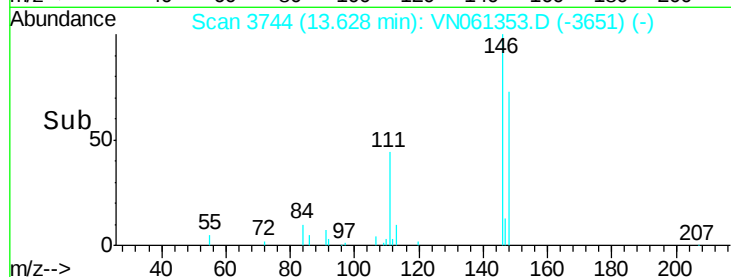
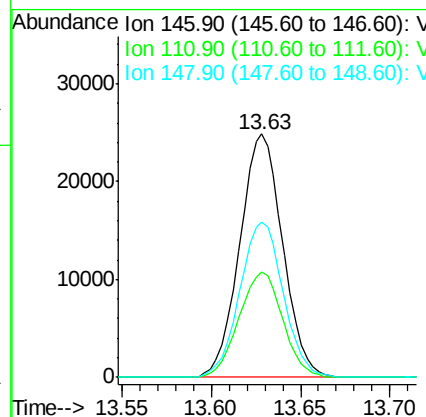
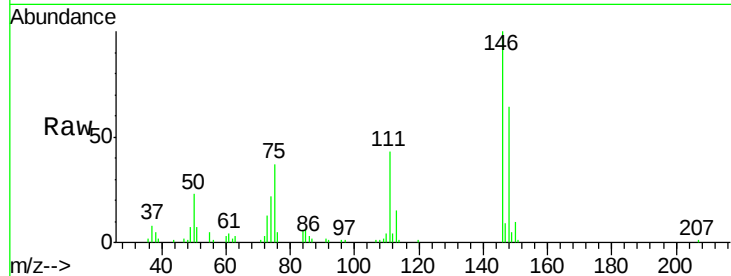




#91
 1,2-Dichlorobenzene
 Concen: 20.159 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

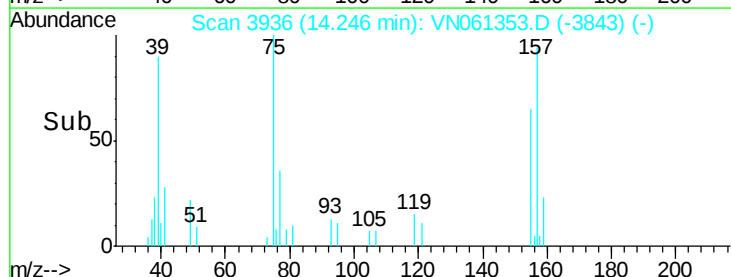
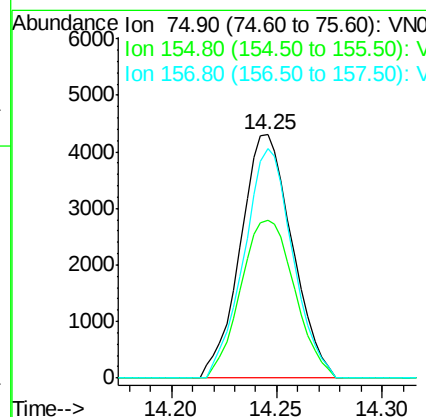
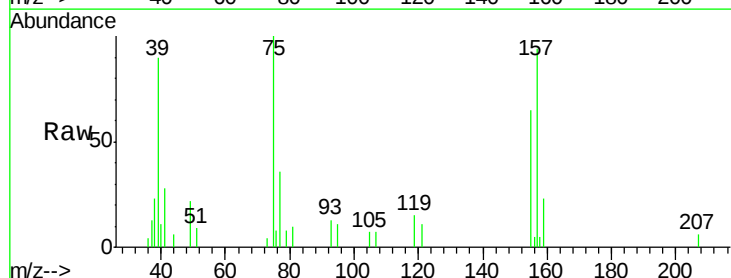
Instrument :
 MSVOA_N
 ClientSampleId :

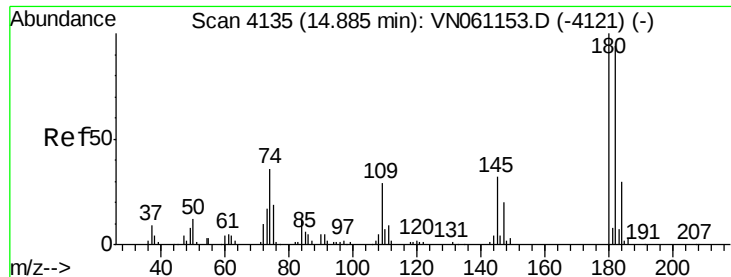
Tot Ion:146 Resp: 41805
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.3
 148 64.7 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.933 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion: 75 Resp: 7351
 Ion Ratio Lower Upper
 75 100
 155 67.3 36.5 109.7
 157 88.8 46.6 139.7

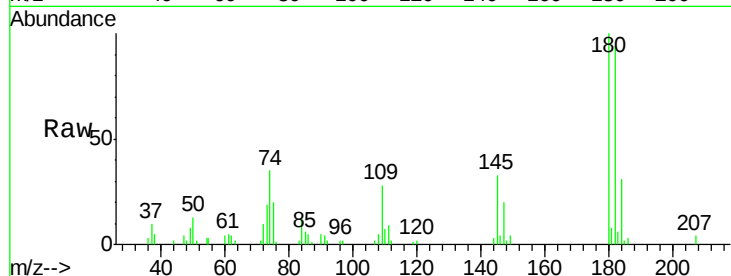




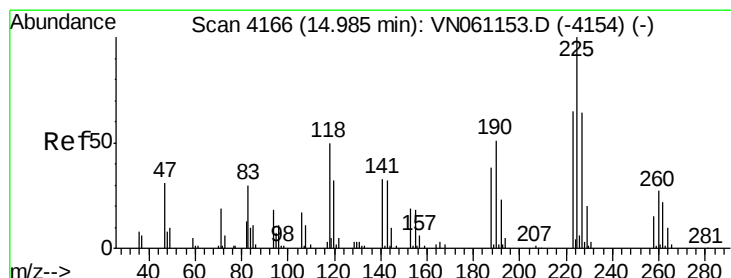
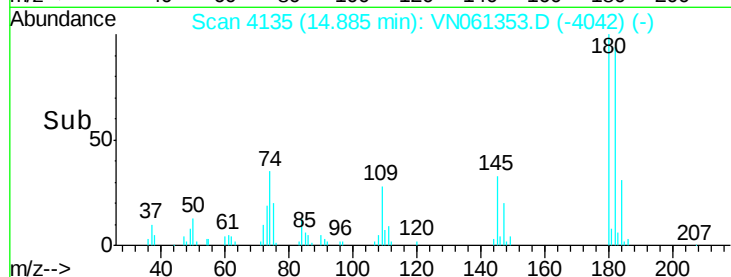
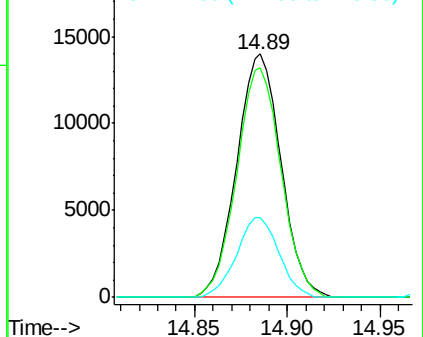
#93
 1,2,4-Trichlorobenzene
 Concen: 18.450 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 23299
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 31.3 16.0 47.9

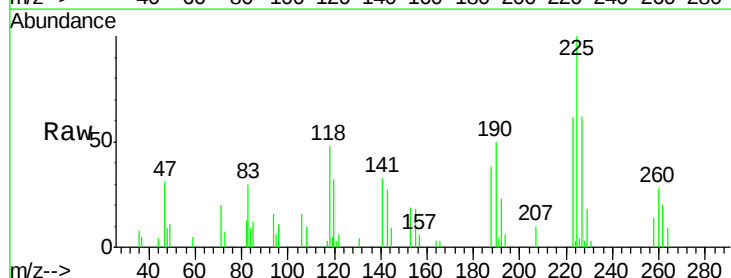


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

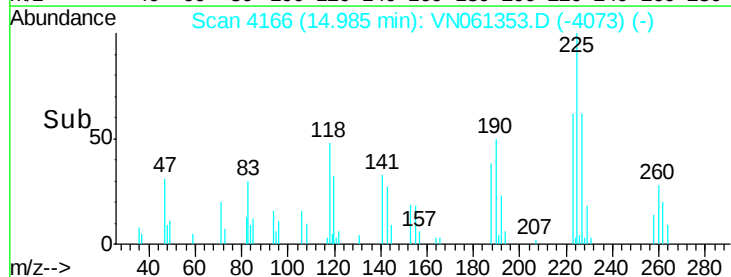
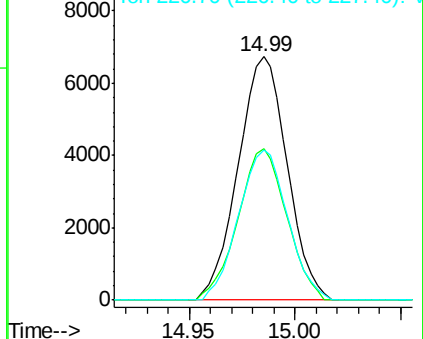


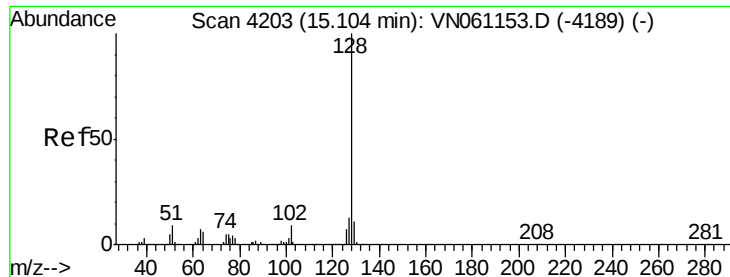
#94
 Hexachlorobutadiene
 Concen: 20.626 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061353.D
 Acq: 8 May 2020 11:53

Tgt Ion:225 Resp: 10882
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.4 97.0
 227 61.7 32.4 97.0



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

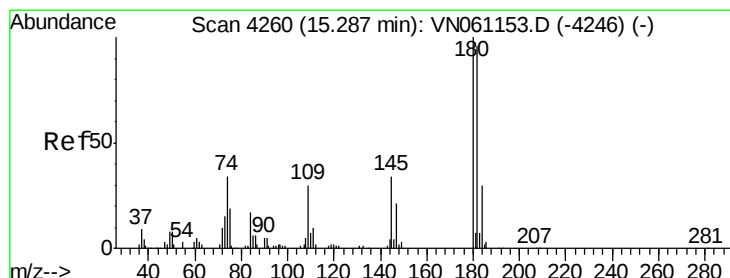
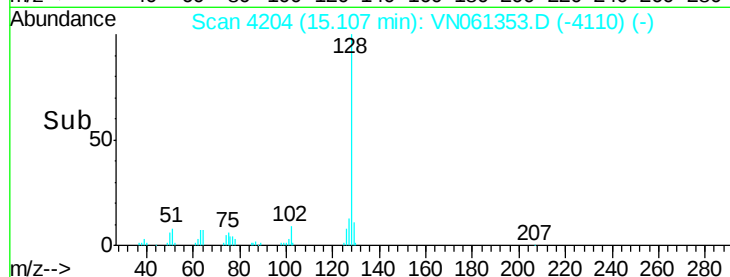
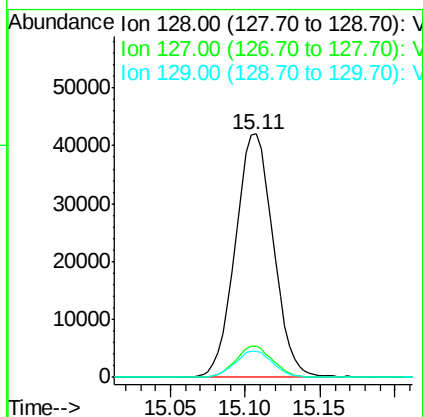
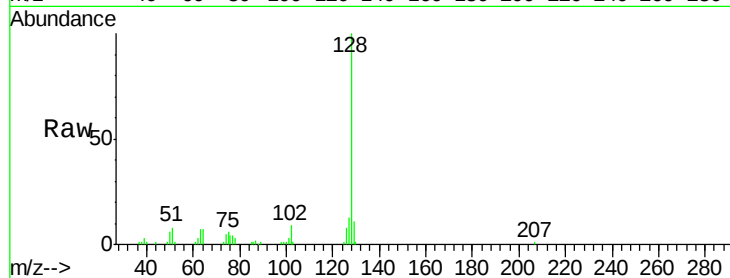




#95
Naphthalene
Concen: 18.086 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 74384
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.855 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061353.D
Acq: 8 May 2020 11:53

Tgt Ion:180 Resp: 23508
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 35.0 16.9 50.7

