

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050520\
 Data File : VN061288.D
 Acq On : 5 May 2020 13:45
 Operator : JC/MD
 Sample : VN0505MBS01
 Misc : 5.00u/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:44:48 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	96658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	80692	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
35) Dibromofluoromethane	7.54	113	48161	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	10.06	98	202479	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.37	95	75142	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	18868	18.408	ug/l	100
3) Chloromethane	2.03	50	24918	20.073	ug/l	100
4) Vinyl Chloride	2.16	62	27588	19.566	ug/l	98
5) Bromomethane	2.54	94	12440	17.849	ug/l	97
6) Chloroethane	2.67	64	17210	19.257	ug/l	97
7) Trichlorofluoromethane	2.98	101	35554	22.351	ug/l	98
8) Diethyl Ether	3.37	74	14620	22.034	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	19737	19.259	ug/l	98
10) Methyl Iodide	3.90	142	21418	16.262	ug/l	98
11) Tert butyl alcohol	4.72	59	15173	74.058	ug/l	97
12) 1,1-Dichloroethene	3.69	96	18994	18.625	ug/l	99
13) Acrolein	3.56	56	12507	91.605	ug/l	99
14) Allyl chloride	4.27	41	40905	21.632	ug/l	98
15) Acrylonitrile	4.92	53	61925	98.462	ug/l	99
16) Acetone	3.77	43	54076	87.838	ug/l	100
17) Carbon Disulfide	4.01	76	47918	17.010	ug/l	99
18) Methyl Acetate	4.27	43	33508	17.799	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	77959	20.006	ug/l	98
20) Methylene Chloride	4.50	84	23268	19.510	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	20933	18.850	ug/l	99
22) Diisopropyl ether	5.89	45	88733	20.236	ug/l	94
23) Vinyl Acetate	5.84	43	352748	99.910	ug/l	100
24) 1,1-Dichloroethane	5.79	63	44846	19.575	ug/l	99
25) 2-Butanone	6.78	43	82337	90.979	ug/l	99
26) 2,2-Dichloropropane	6.77	77	39317	20.375	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	25040	19.215	ug/l	99
28) Bromochloromethane	7.15	49	22043	20.299	ug/l	96
29) Tetrahydrofuran	7.16	42	55979	91.824	ug/l	99
30) Chloroform	7.33	83	45208	19.472	ug/l	100
31) Cyclohexane	7.61	56	38174	17.157	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	37711	18.653	ug/l	98
36) 1,1-Dichloropropene	7.75	75	31963	18.958	ug/l	98
37) Ethyl Acetate	6.87	43	36279	18.355	ug/l	100
38) Carbon Tetrachloride	7.73	117	27210	19.167	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	32324	17.096	ug/l	96
40) Benzene	8.00	78	93483	18.611	ug/l	98
41) Methacrylonitrile	7.12	41	15922	19.402	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38965	20.477	ug/l	98
43) Isopropyl Acetate	8.12	43	62196	18.961	ug/l #	92
44) Trichloroethene	8.80	130	24129	17.770	ug/l	96
45) 1,2-Dichloropropane	9.08	63	26318	19.612	ug/l	99
46) Dibromomethane	9.17	93	16530	19.895	ug/l	99
47) Bromodichloromethane	9.37	83	35731	20.035	ug/l	96
48) Methyl methacrylate	9.16	41	27582	18.634	ug/l	97
49) 1,4-Dioxane	9.16	88	4017	239.074	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	184848	95.736	ug/l	100
52) Toluene	10.12	92	56756	18.759	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	39507	19.660	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	41517	19.543	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23183	19.211	ug/l	98
56) Ethyl methacrylate	10.40	69	34803	18.374	ug/l	97
57) 1,3-Dichloropropane	10.68	76	41924	19.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	91976	94.159	ug/l	100
59) 2-Hexanone	10.72	43	129085	91.895	ug/l	99
60) Dibromochloromethane	10.87	129	24149	19.107	ug/l	99
61) 1,2-Dibromoethane	10.98	107	23532	19.455	ug/l	100
64) Tetrachloroethene	10.60	164	23018	17.035	ug/l	98
65) Chlorobenzene	11.40	112	59183	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22272	20.108	ug/l	98
67) Ethyl Benzene	11.48	91	109519	18.905	ug/l	99
68) m/p-Xylenes	11.60	106	79643	37.559	ug/l	98
69) o-Xylene	11.92	106	37822	18.569	ug/l	98
70) Styrene	11.94	104	62932	18.460	ug/l	98
71) Bromoform	12.10	173	15856	19.478	ug/l #	99
73) Isopropylbenzene	12.22	105	102529	19.101	ug/l	100
74) N-amyl acetate	12.04	43	51449	18.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	33502	20.016	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45520	29.570	ug/l #	100
77) Bromobenzene	12.50	156	23986	19.357	ug/l	98
78) n-propylbenzene	12.56	91	122828	19.292	ug/l	100
79) 2-Chlorotoluene	12.65	91	72913	19.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	86317	19.429	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11587	19.115	ug/l	96
82) 4-Chlorotoluene	12.75	91	76541	19.406	ug/l	99
83) tert-Butylbenzene	12.97	119	70010	18.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	86333	18.861	ug/l	99
85) sec-Butylbenzene	13.15	105	96229	18.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	86560	18.810	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	44070	19.319	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	44053	18.901	ug/l	97
89) n-Butylbenzene	13.59	91	78758	18.669	ug/l	99
90) Hexachloroethane	13.85	117	10145	25.538	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	42432	19.400	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	6684	18.908	ug/l	94

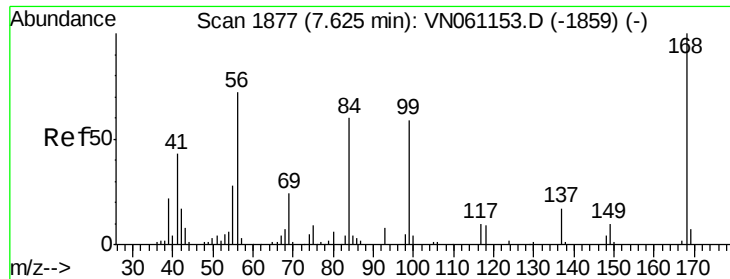
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	25235	18.946	ug/l	100
94) Hexachlorobutadiene	14.98	225	11068	19.891	ug/l	97
95) Naphthalene	15.11	128	76278	17.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	24319	18.493	ug/l	100

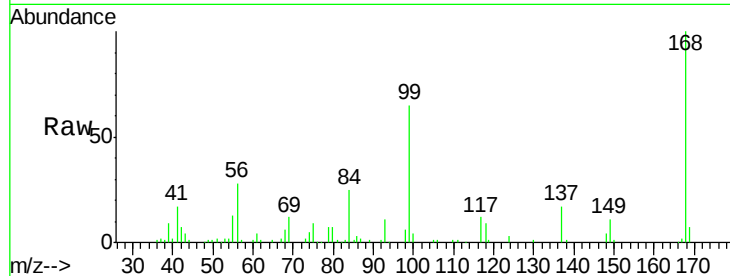
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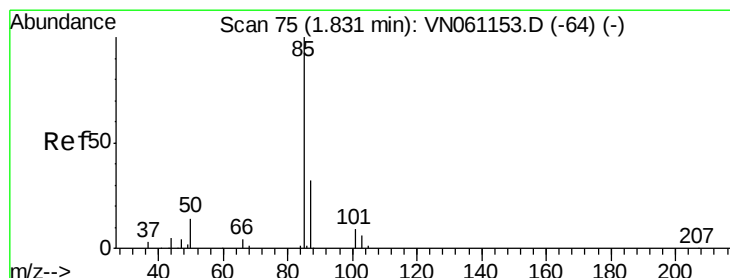
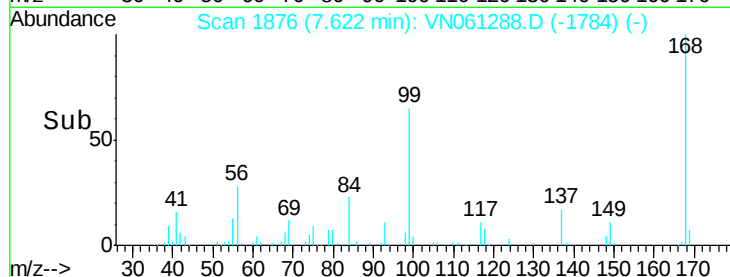
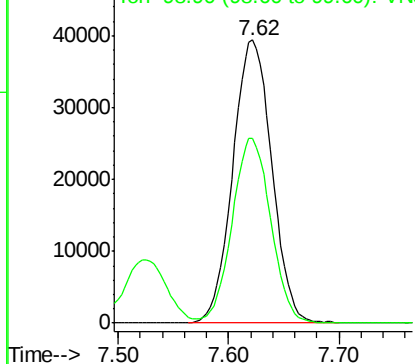
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 96658
Ion Ratio Lower Upper
168 100
99 65.2 51.2 76.8

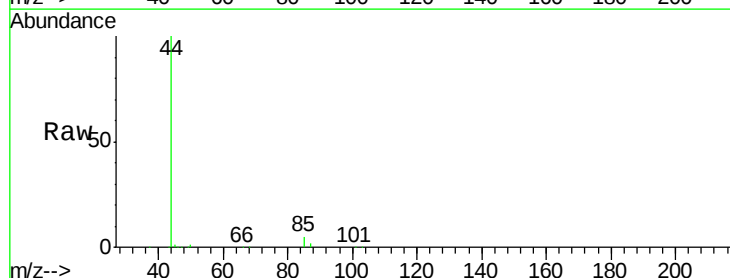


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

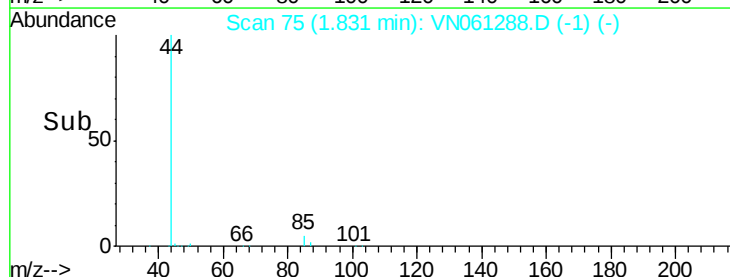
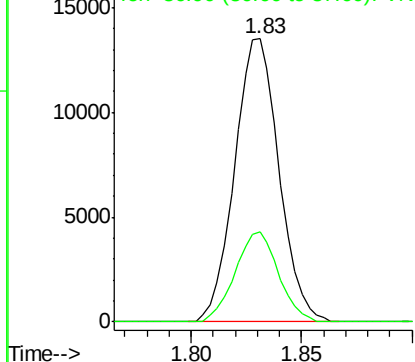


#2
Dichlorodifluoromethane
Concen: 18.408 ug/l
RT: 1.83 min Scan# 75
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 85 Resp: 18868
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN
Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.073 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

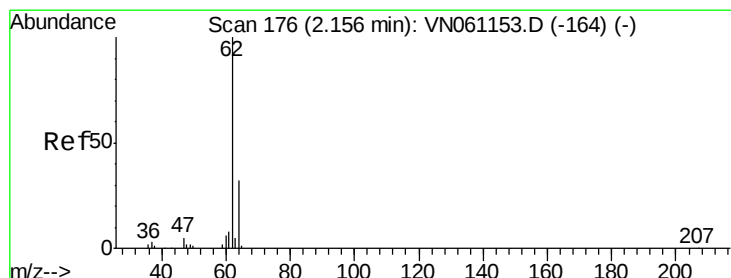
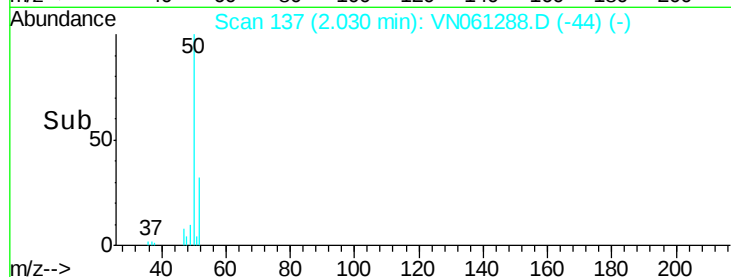
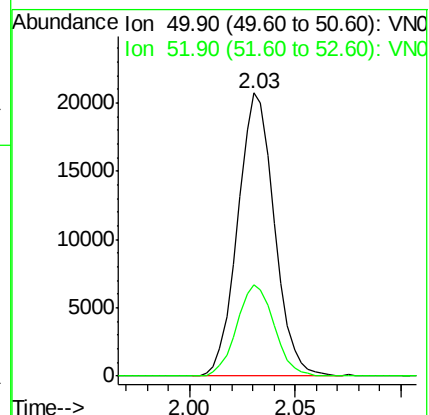
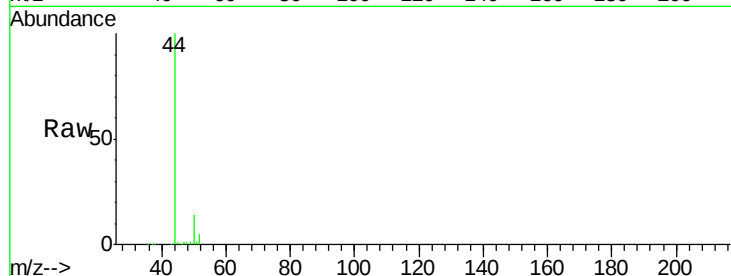
ClientSampleId :

Tot Ion: 50 Resp: 24918

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 19.566 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061288.D

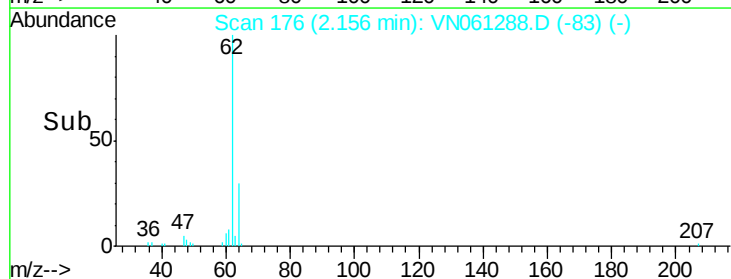
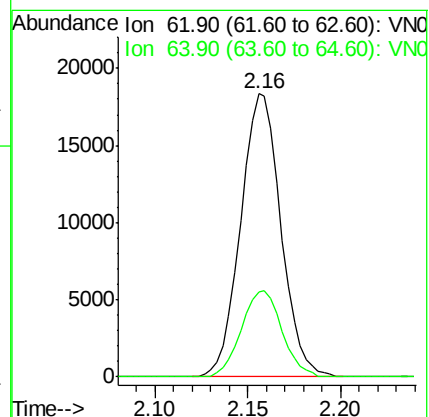
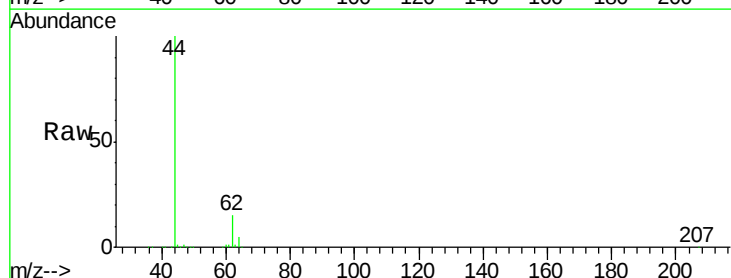
Acq: 5 May 2020 13:45

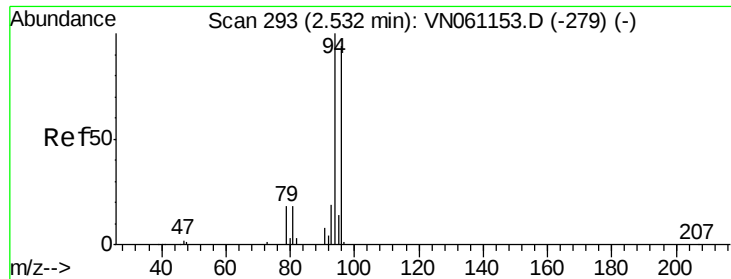
Tgt Ion: 62 Resp: 27588

Ion Ratio Lower Upper

62 100

64 30.1 25.2 37.8





#5

Bromomethane

Concen: 17.849 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

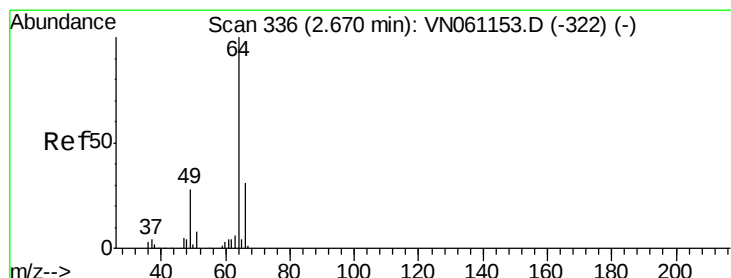
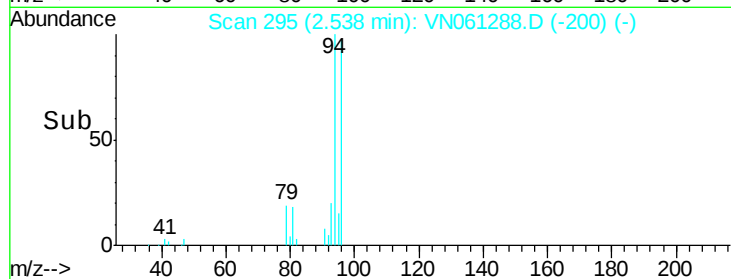
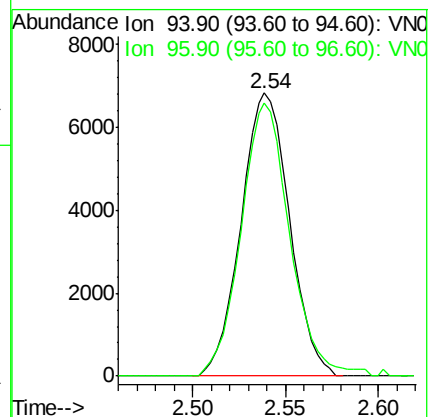
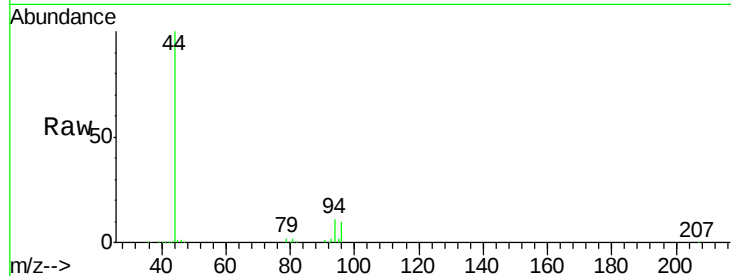
ClientSampleId :

Tot Ion: 94 Resp: 12440

Ion Ratio Lower Upper

94 100

96 96.7 75.1 112.7



#6

Chloroethane

Concen: 19.257 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061288.D

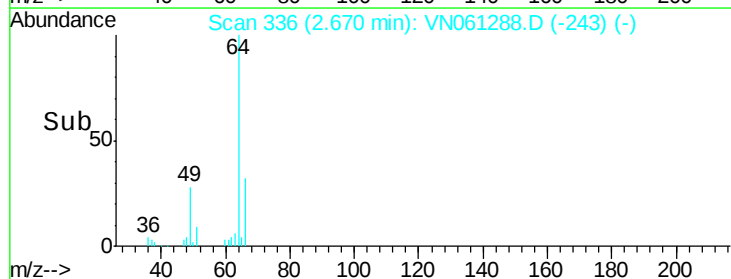
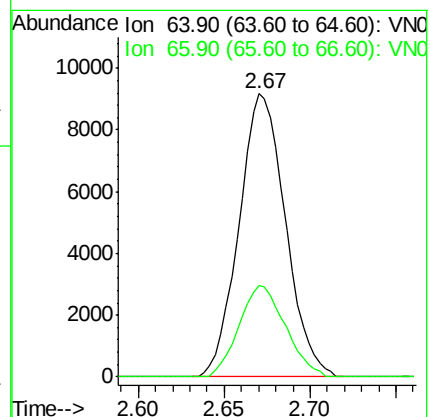
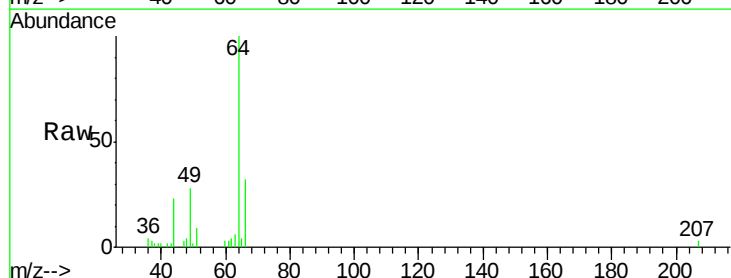
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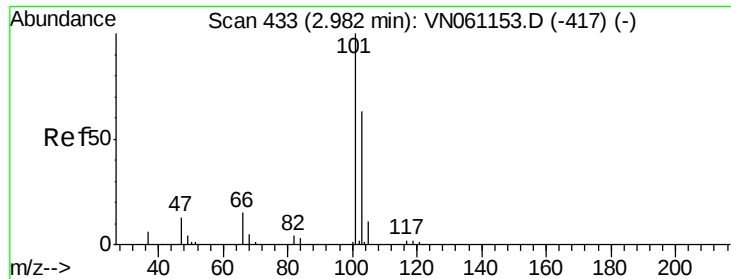
Tgt Ion: 64 Resp: 17210

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8



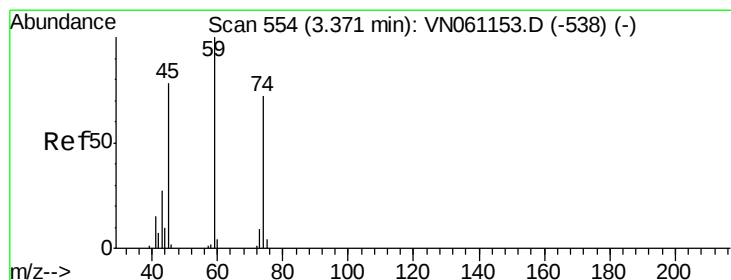
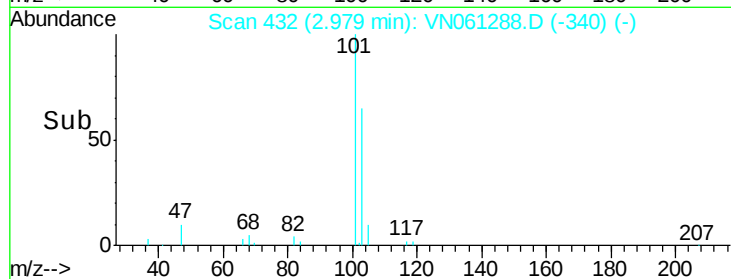
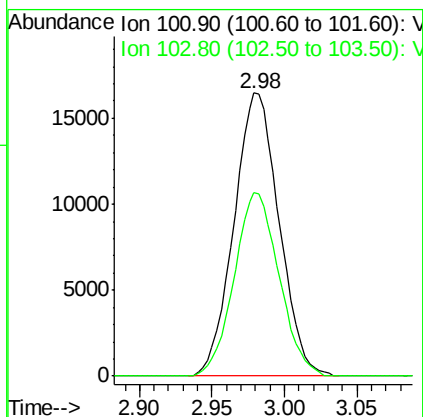
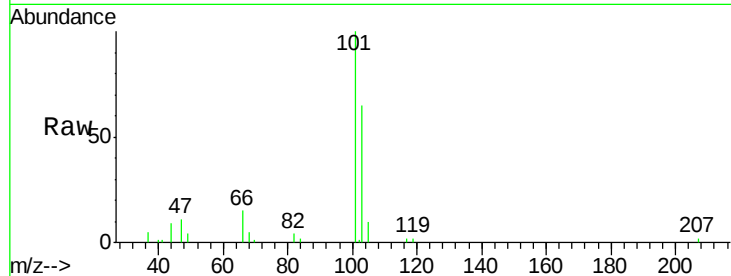


#7

Trichlorofluoromethane
 Concen: 22.351 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampled :

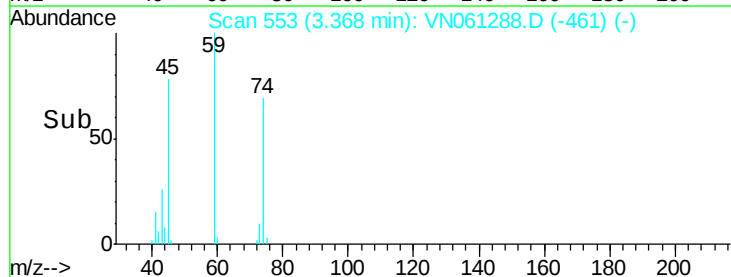
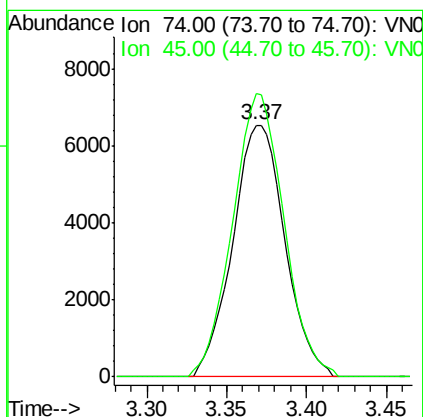
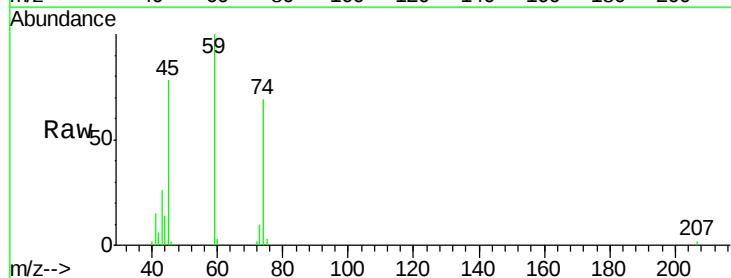
Tot Ion:101 Resp: 35554
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.6 76.0

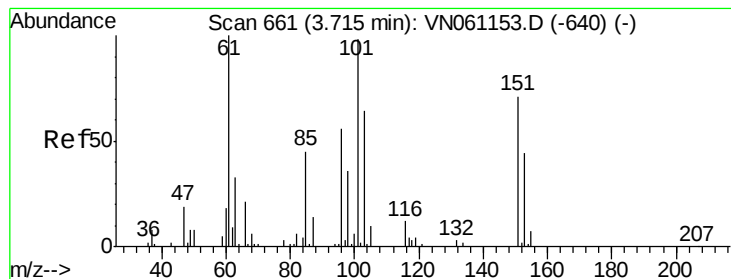


#8

Diethyl Ether
 Concen: 22.034 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 74 Resp: 14620
 Ion Ratio Lower Upper
 74 100
 45 110.6 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.259 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

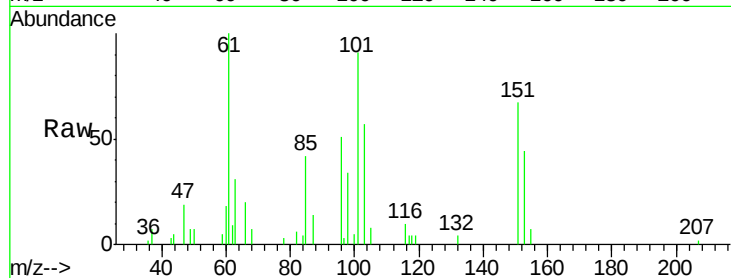
Tot Ion:101 Resp: 19737

Ion Ratio Lower Upper

101 100

85 48.1 37.2 55.8

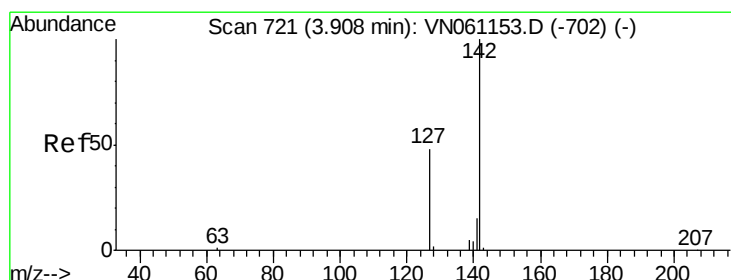
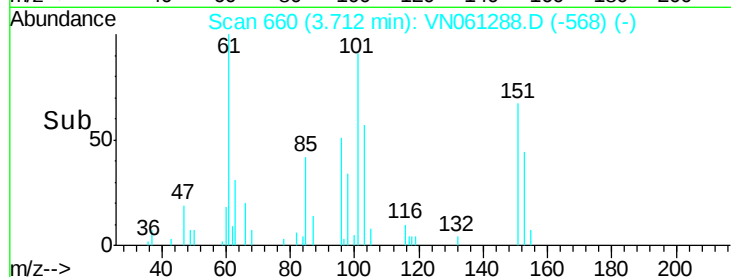
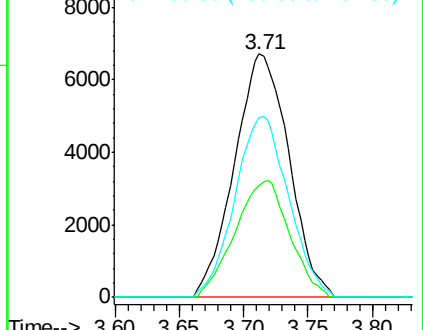
151 73.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN061288.D (-628) (-)

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.262 ug/l

RT: 3.90 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

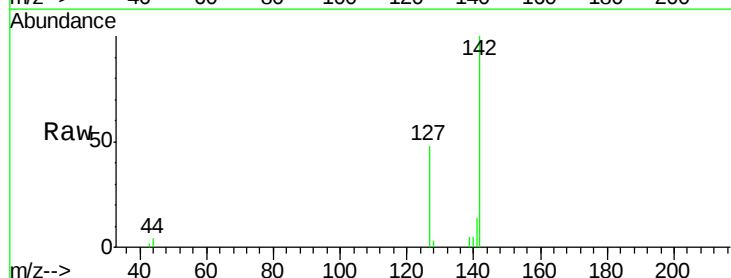
Tgt Ion:142 Resp: 21418

Ion Ratio Lower Upper

142 100

127 49.5 38.0 57.0

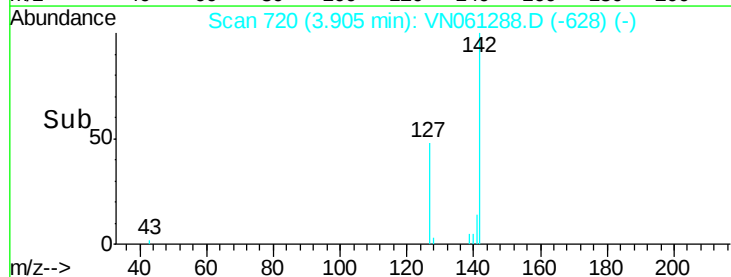
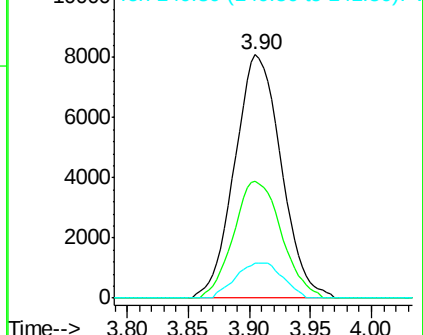
141 14.6 11.7 17.5

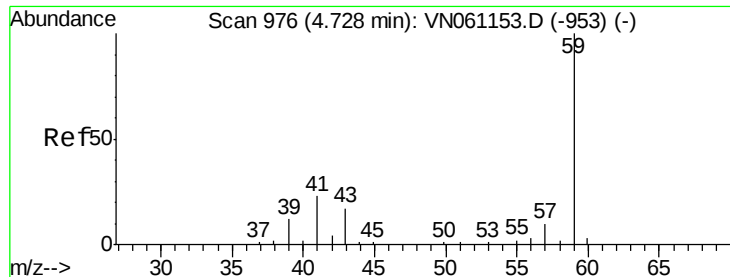


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

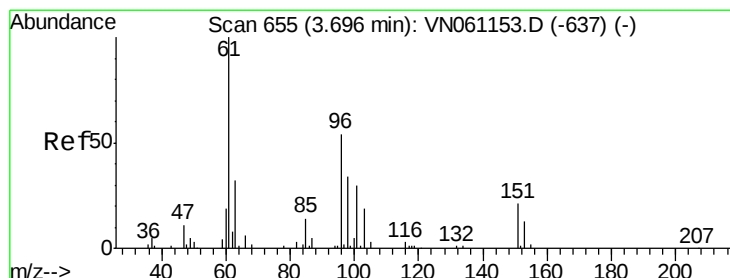
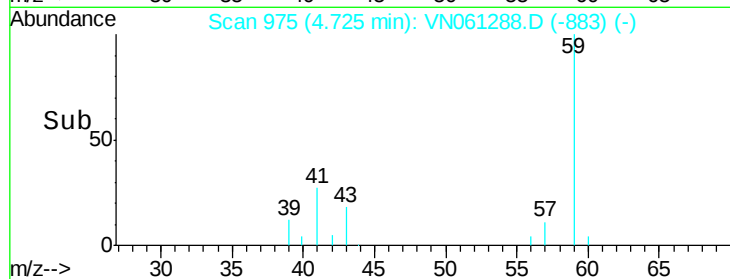
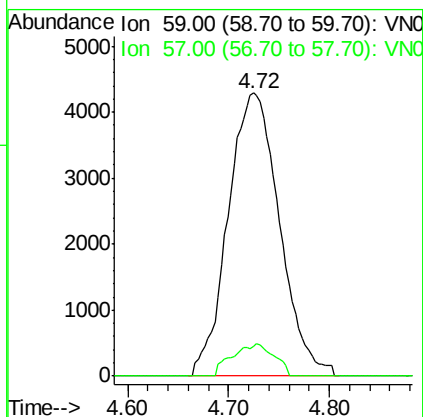
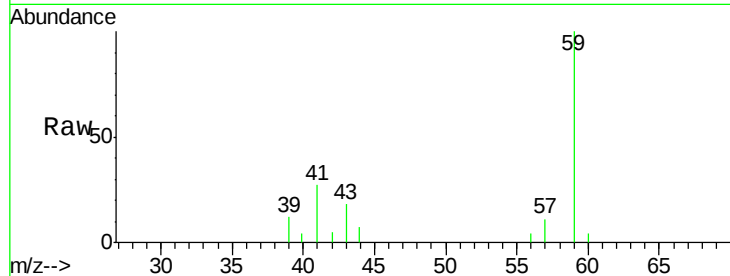




#11
Tert butyl alcohol
Concen: 74.058 ug/l
RT: 4.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

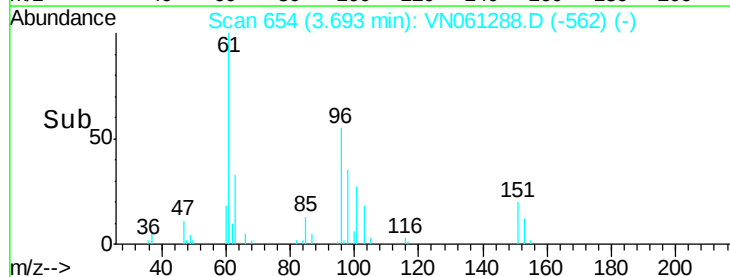
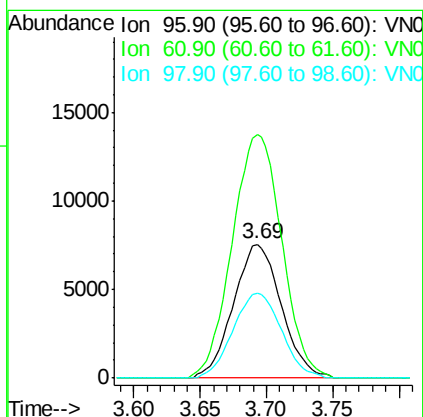
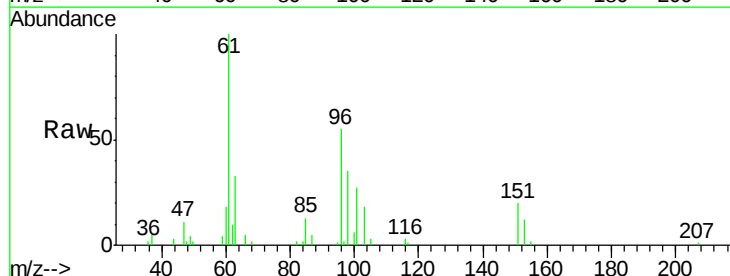
Instrument :
MSVOA_N
ClientSampled :

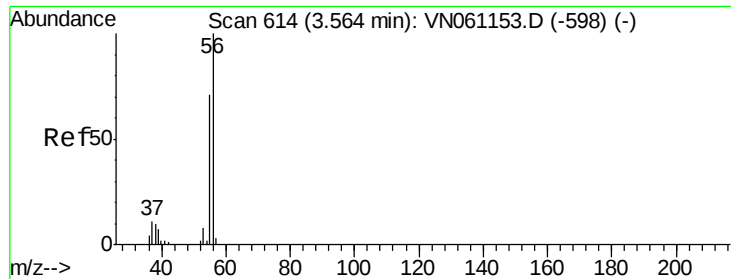
Tot Ion: 59 Resp: 15173
Ion Ratio Lower Upper
59 100
57 9.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.625 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 96 Resp: 18994
Ion Ratio Lower Upper
96 100
61 181.8 147.0 220.6
98 63.6 49.8 74.6





#13

Acrolein

Concen: 91.605 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

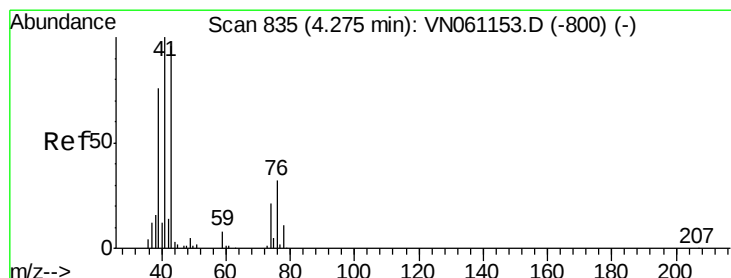
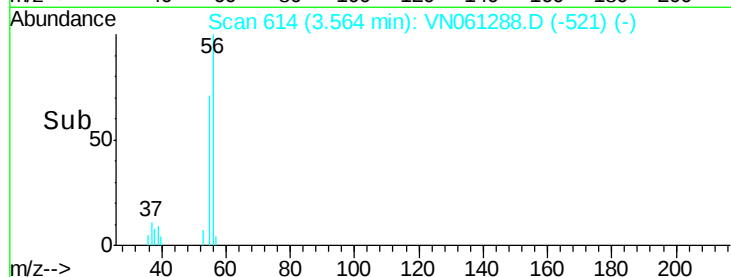
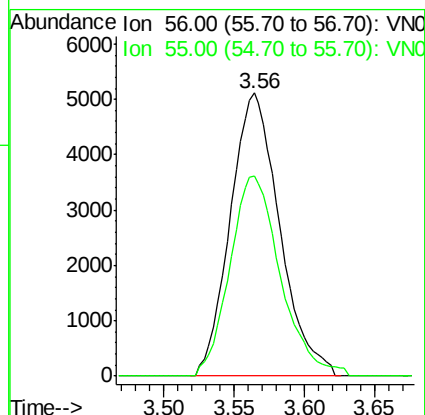
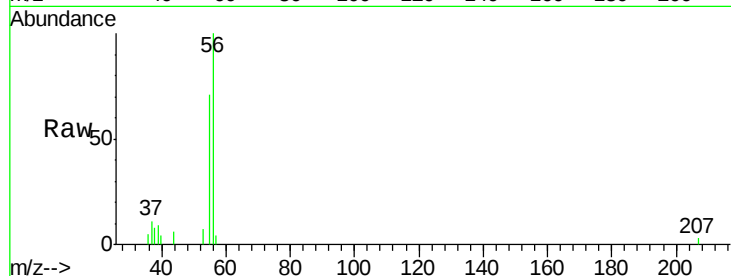
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12507

Ion Ratio Lower Upper

56 100

55 72.6 58.5 87.7



#14

Allyl chloride

Concen: 21.632 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

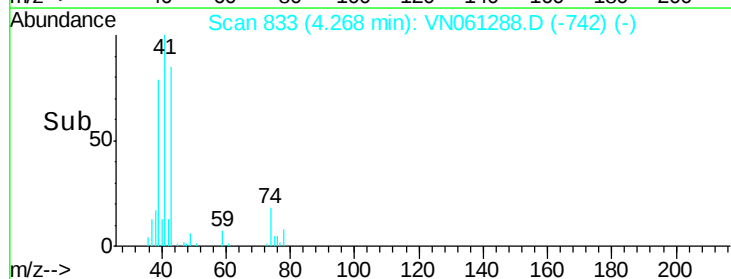
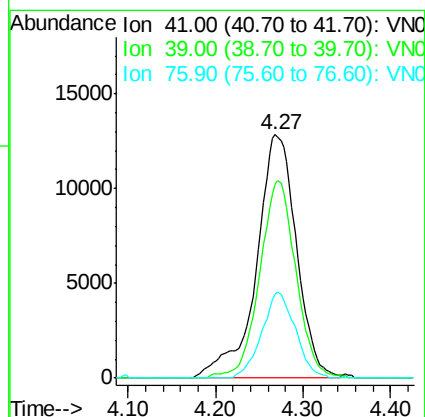
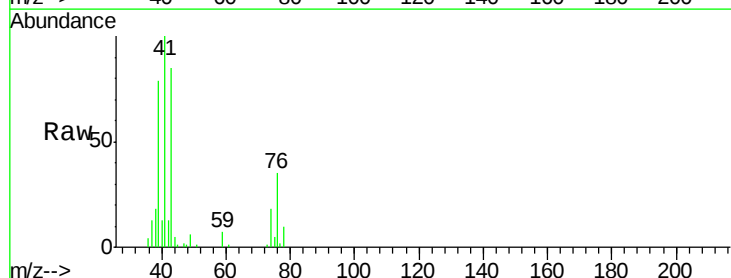
Tgt Ion: 41 Resp: 40905

Ion Ratio Lower Upper

41 100

39 73.4 57.1 85.7

76 29.6 24.3 36.5





#15

Acrylonitrile

Concen: 98.462 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

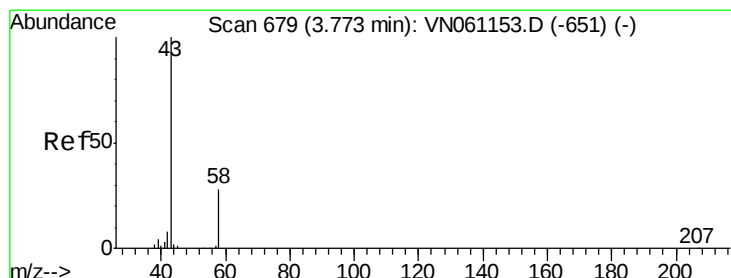
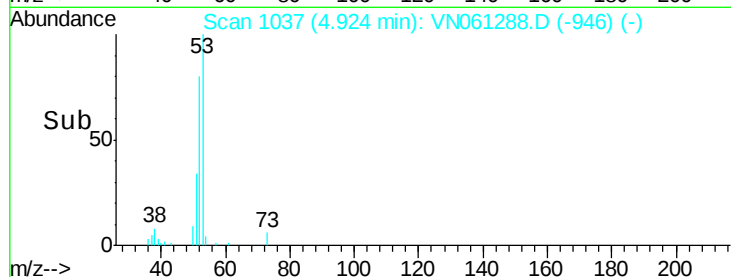
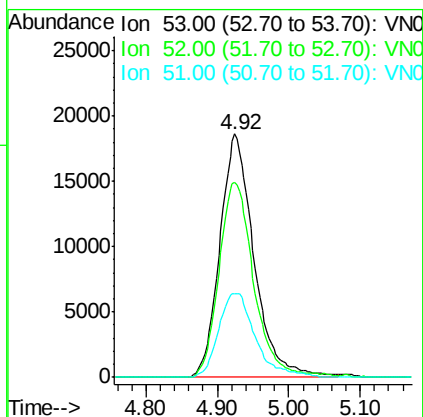
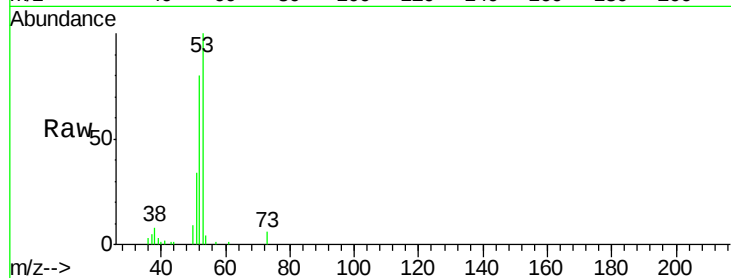
Tot Ion: 53 Resp: 61925

Ion Ratio Lower Upper

53 100

52 80.9 65.4 98.0

51 37.3 29.5 44.3



#16

Acetone

Concen: 87.838 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061288.D

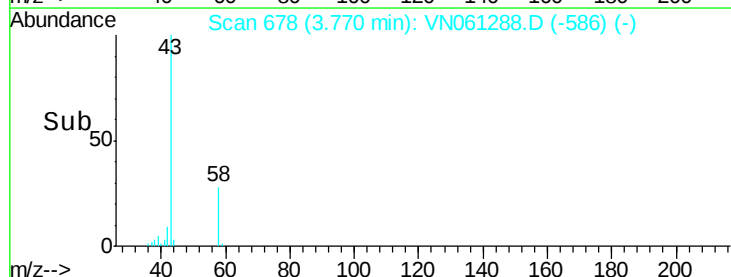
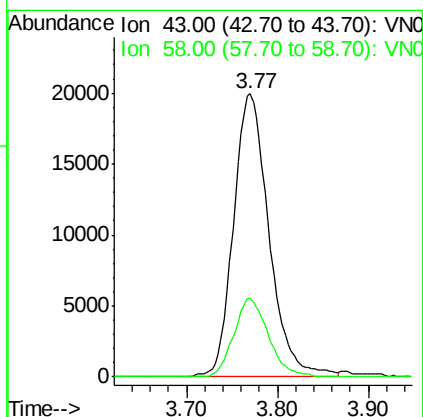
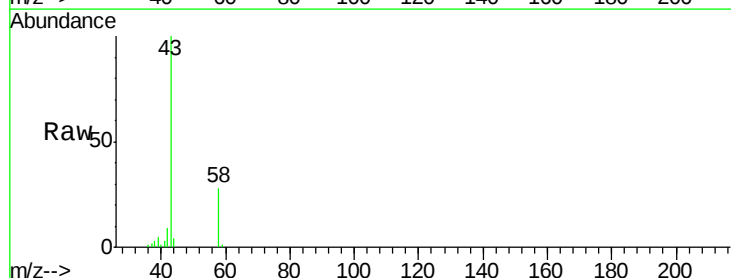
Acq: 5 May 2020 13:45

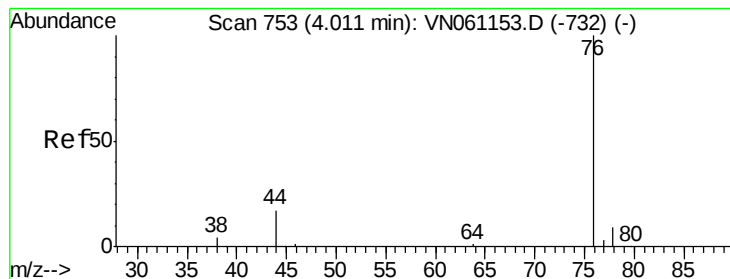
Tgt Ion: 43 Resp: 54076

Ion Ratio Lower Upper

43 100

58 27.8 22.2 33.2





#17

Carbon Disulfide

Concen: 17.010 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

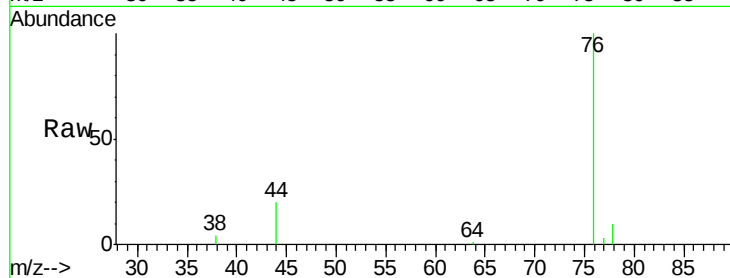
ClientSampleId :

Tot Ion: 76 Resp: 47918

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

4.01

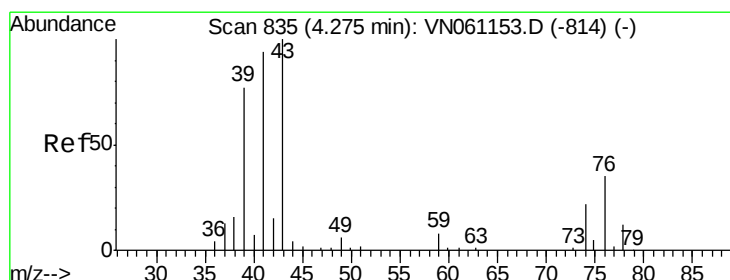
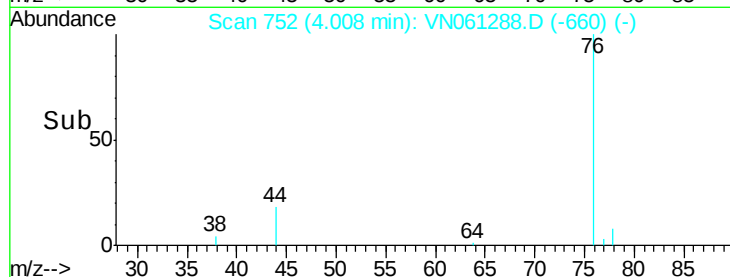
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 17.799 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061288.D

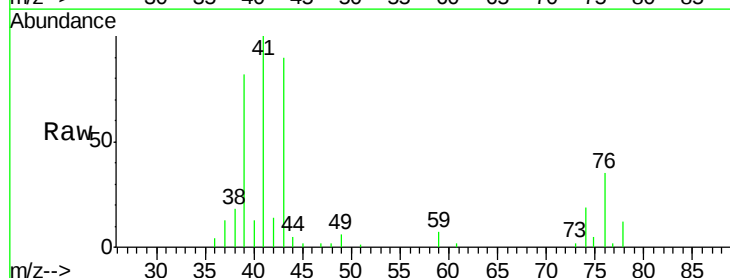
Acq: 5 May 2020 13:45

Tgt Ion: 43 Resp: 33508

Ion Ratio Lower Upper

43 100

74 20.3 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

4.27

12000

10000

8000

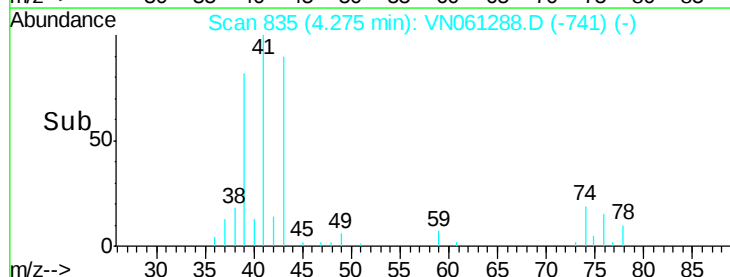
6000

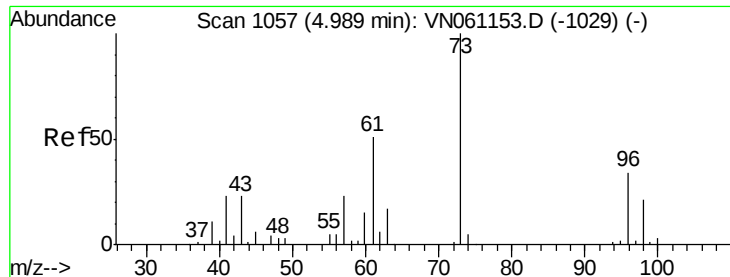
4000

2000

0

Time-->

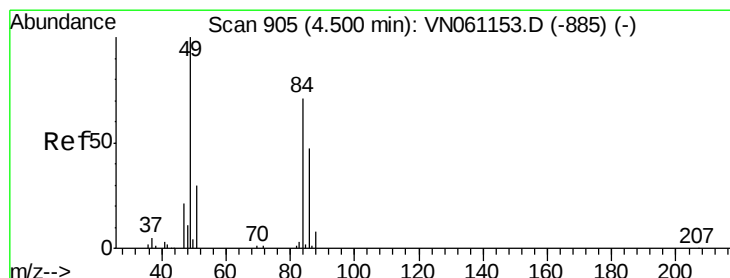
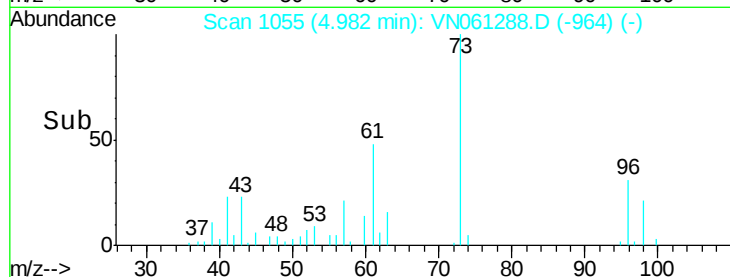
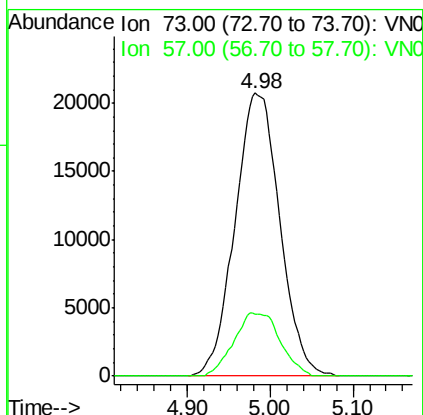
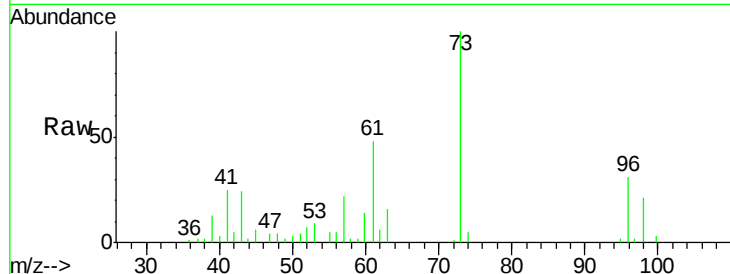




#19
Methyl tert-butyl Ether
Concen: 20.006 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

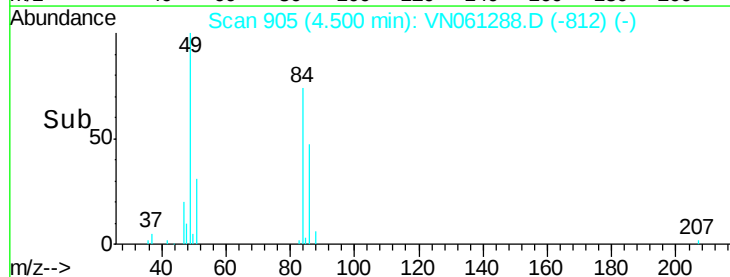
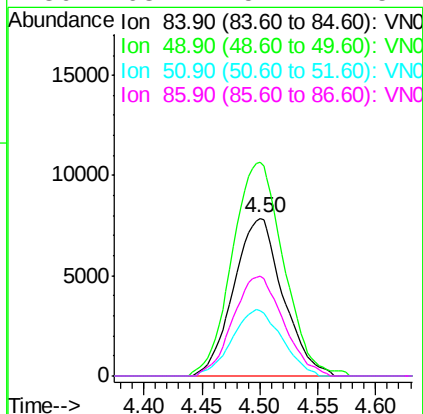
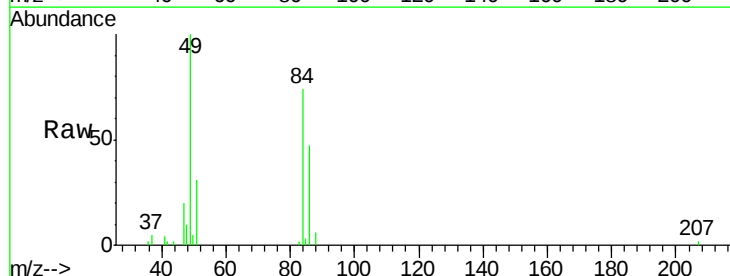
Instrument :
MSVOA_N
ClientSampled :

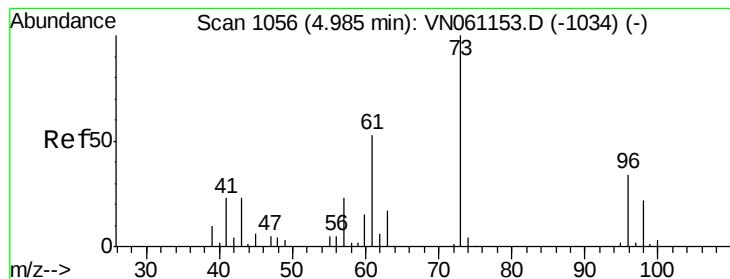
Tot Ion: 73 Resp: 77959
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 19.510 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 84 Resp: 23268
Ion Ratio Lower Upper
84 100
49 135.2 112.0 168.0
51 41.4 33.6 50.4
86 63.1 52.1 78.1



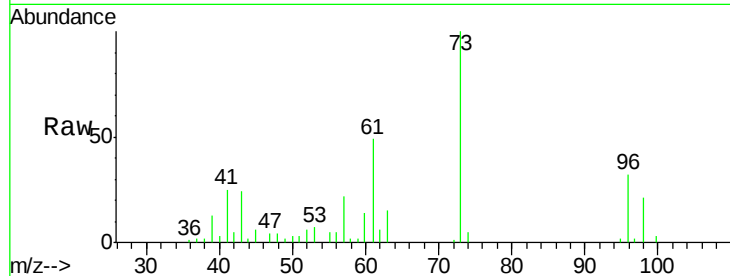


#21

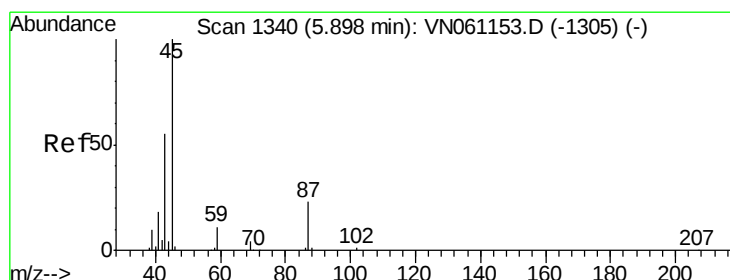
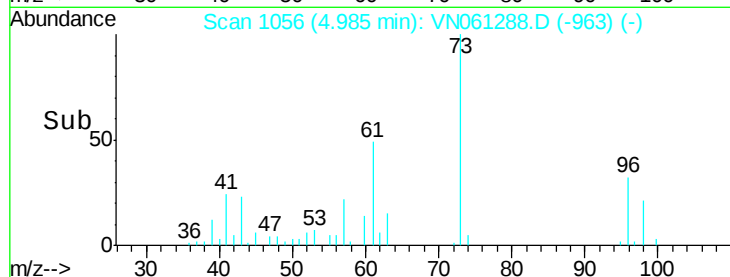
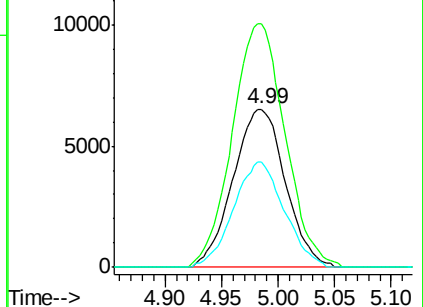
trans-1,2-Dichloroethene
Concen: 18.850 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 20933
Ion Ratio Lower Upper
96 100
61 153.8 123.0 184.4
98 66.2 50.1 75.1



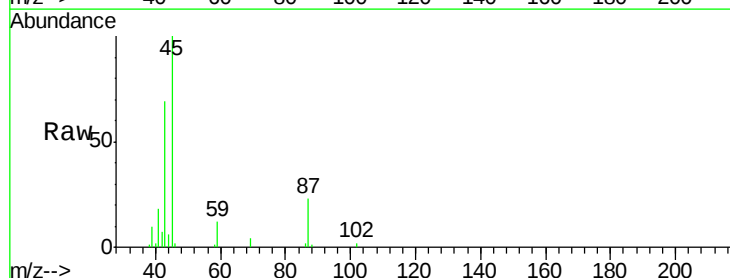
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



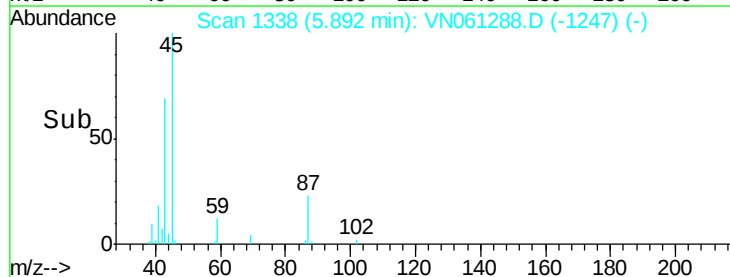
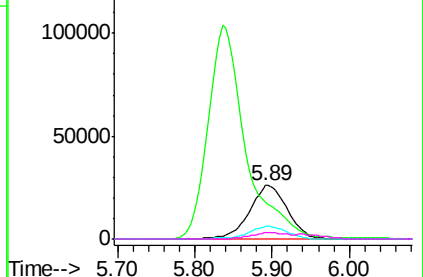
#22

Diisopropyl ether
Concen: 20.236 ug/l
RT: 5.89 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 45 Resp: 88733
Ion Ratio Lower Upper
45 100
43 66.1 47.9 71.9
87 23.2 19.2 28.8
59 11.9 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

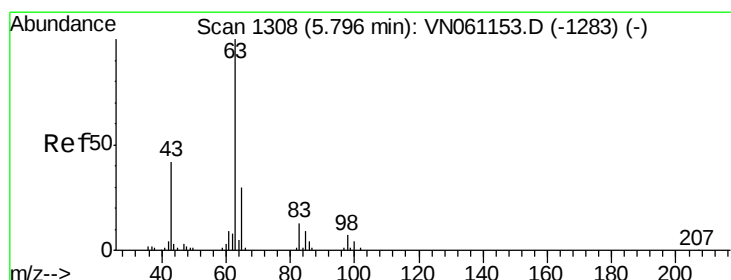
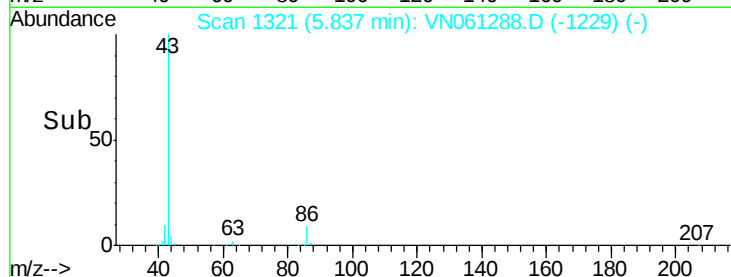
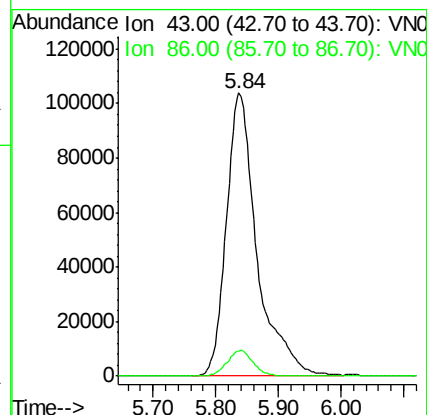
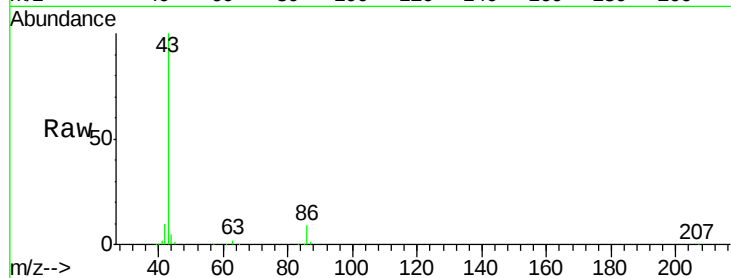




#23
 Vinyl Acetate
 Concen: 99.910 ug/l
 RT: 5.84 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

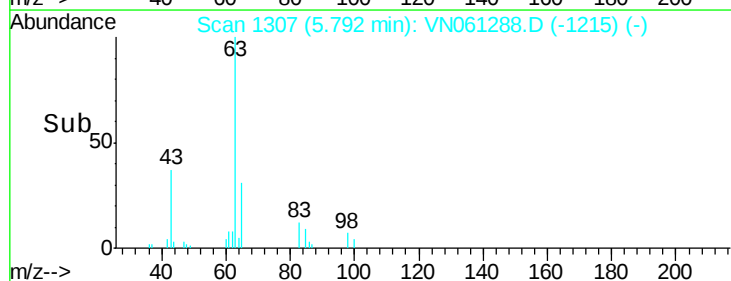
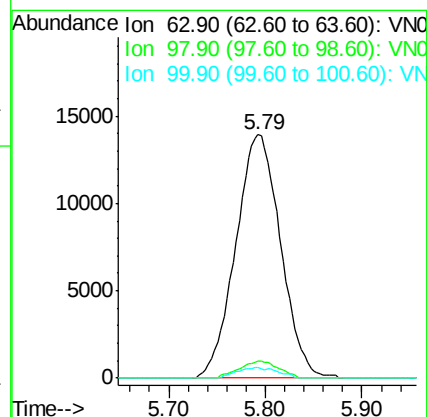
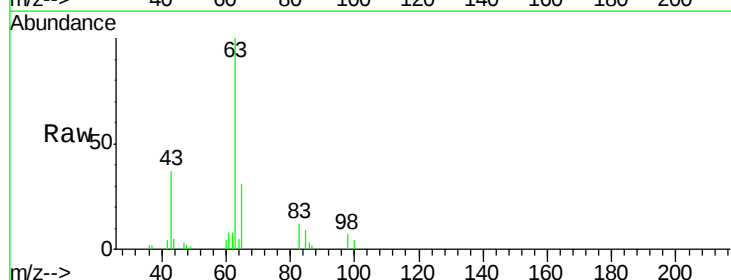
Instrument :
 MSVOA_N
 ClientSampled :

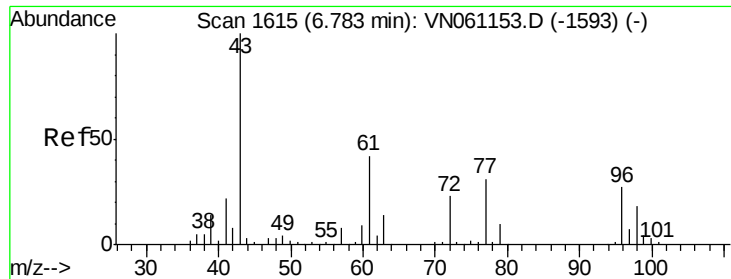
Tot Ion: 43 Resp: 352748
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 19.575 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 63 Resp: 44846
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.3 1.9 5.7

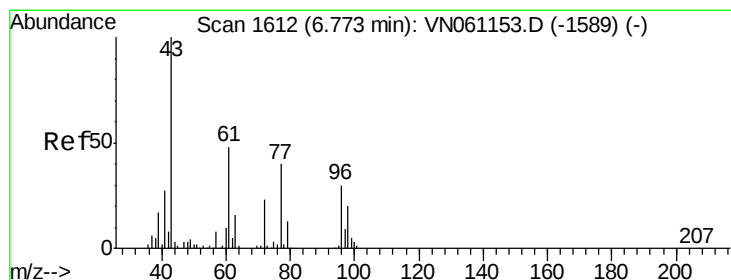
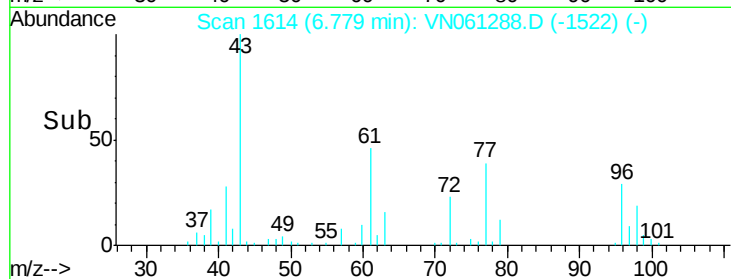
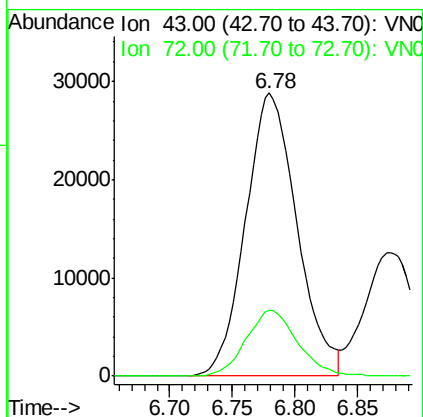
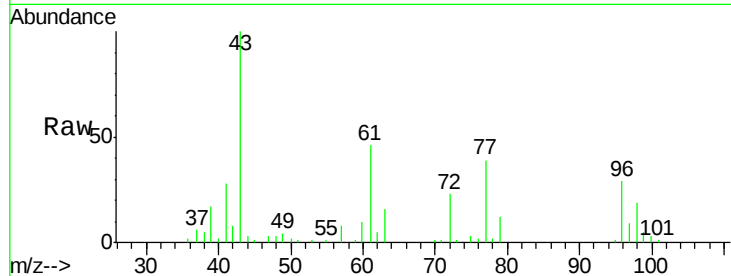




#25
2-Butanone
Concen: 90.979 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

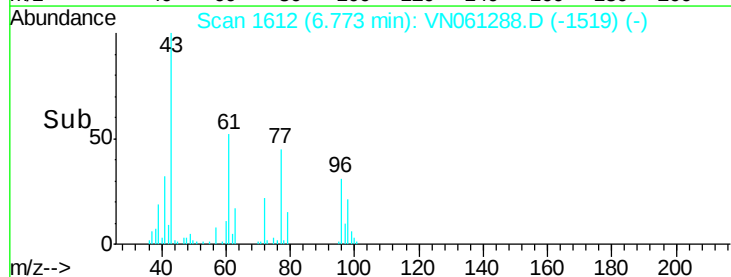
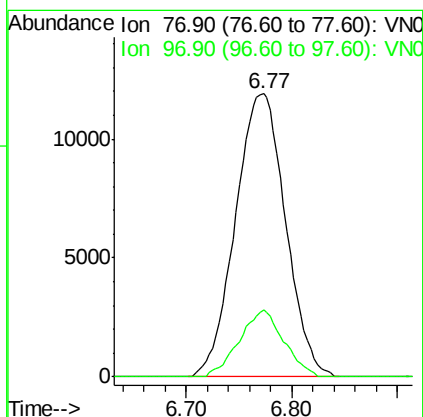
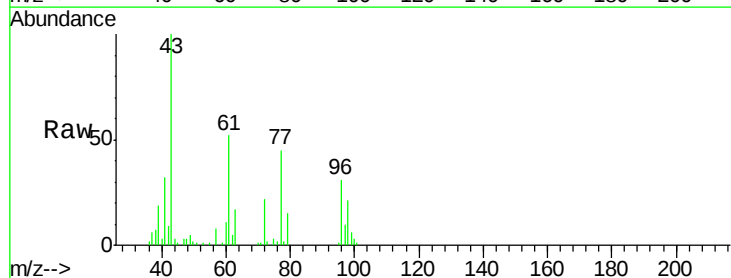
Instrument :
MSVOA_N
ClientSampled :

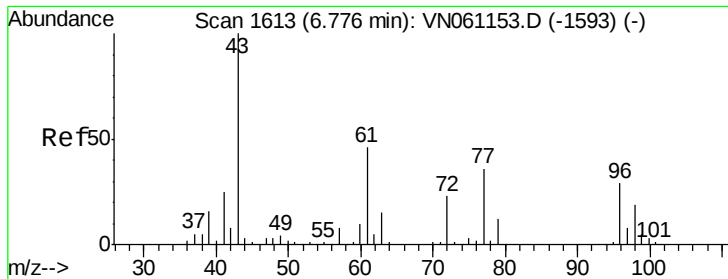
Tot Ion: 43 Resp: 82337
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.4



#26
2,2-Dichloropropane
Concen: 20.375 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 77 Resp: 39317
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.5



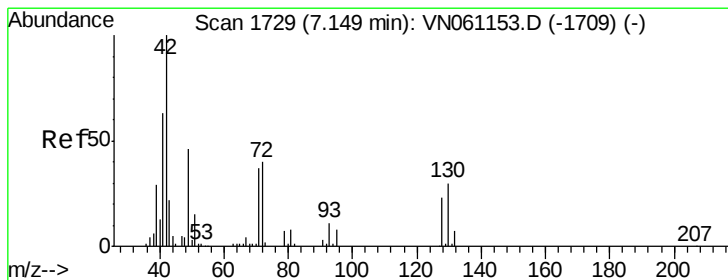
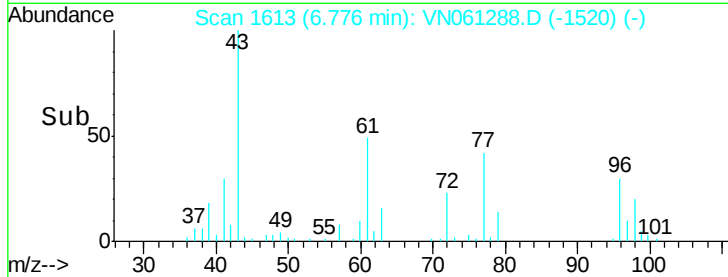
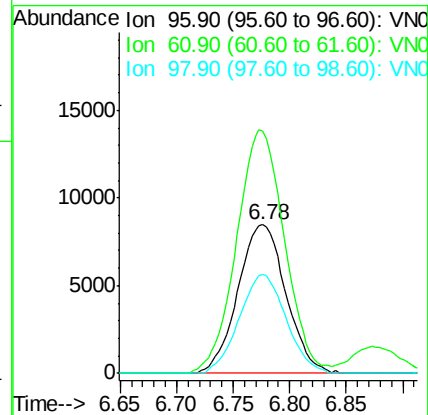
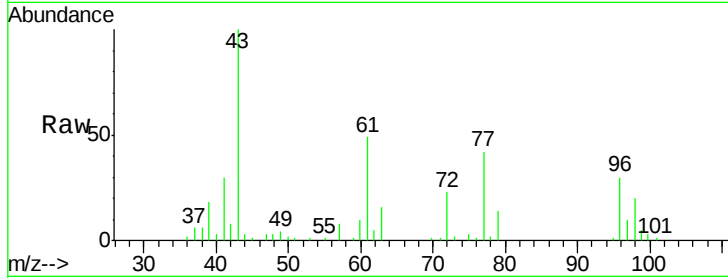


#27

cis-1,2-Dichloroethene
Concen: 19.215 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :

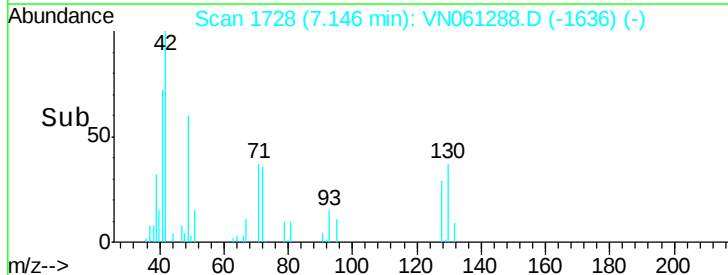
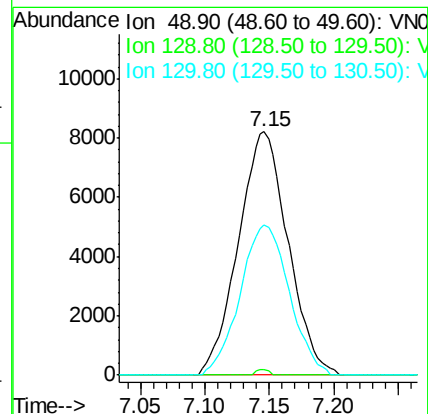
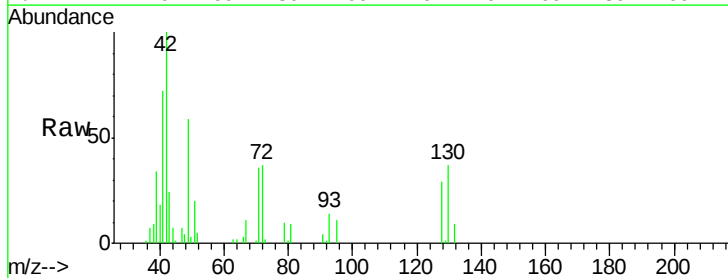
Tot Ion: 96 Resp: 25040
Ion Ratio Lower Upper
96 100
61 163.4 0.0 322.0
98 64.9 0.0 129.6

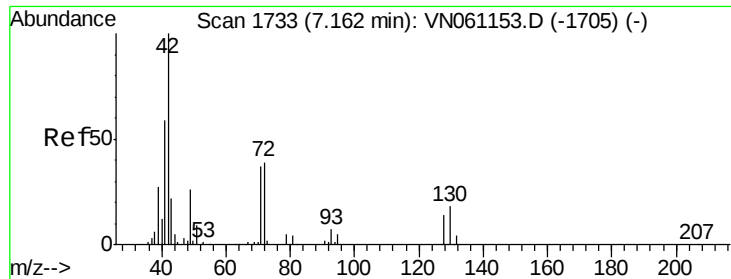


#28

Bromochloromethane
Concen: 20.299 ug/l
RT: 7.15 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 49 Resp: 22043
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.0
130 60.9 51.4 77.2

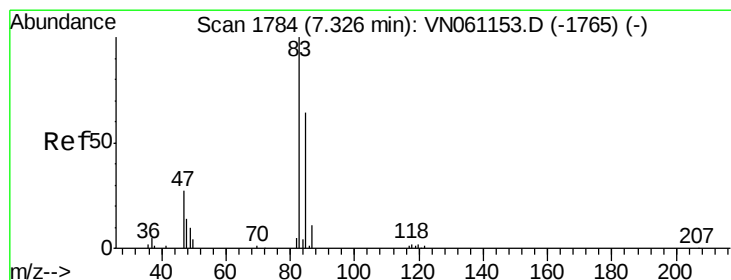
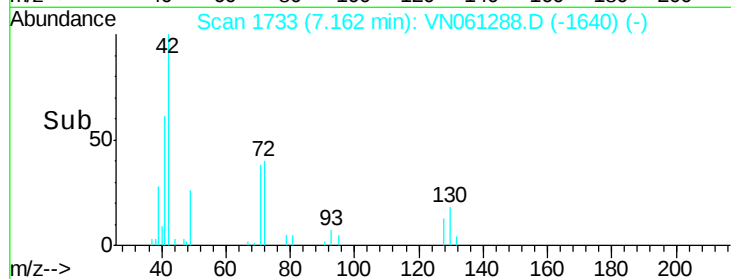
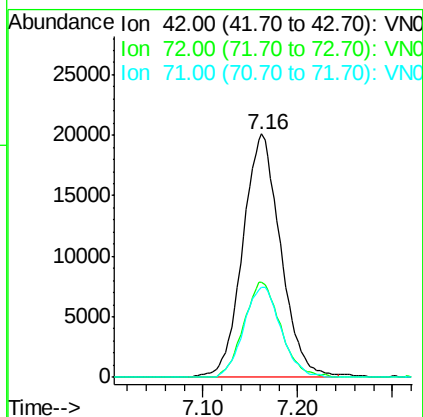
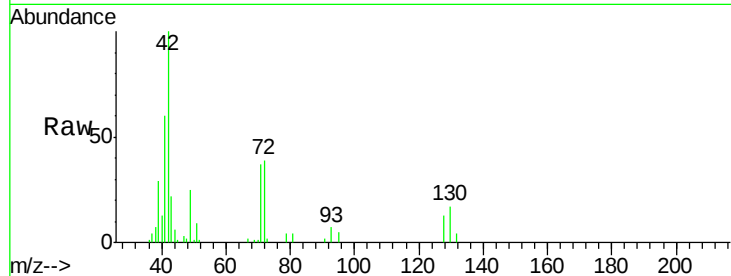




#29
Tetrahydrofuran
Concen: 91.824 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

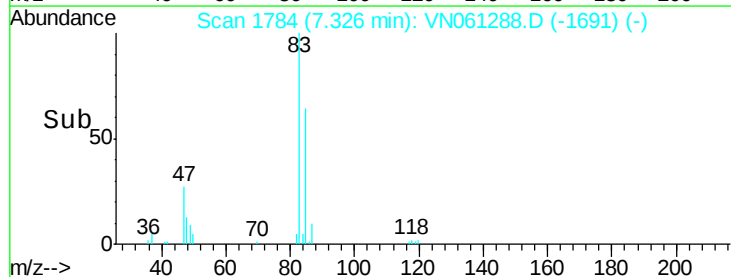
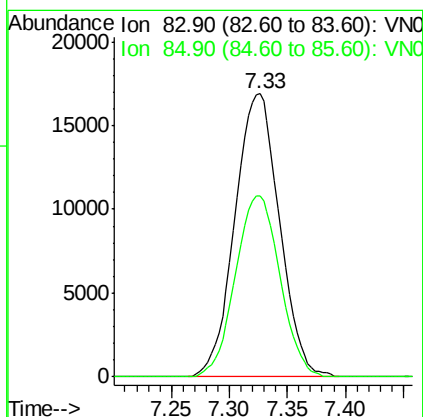
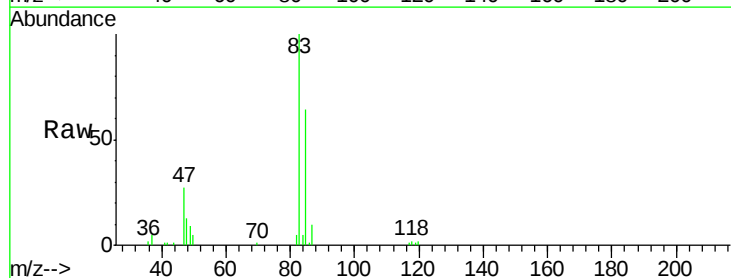
Instrument :
MSVOA_N
ClientSampled :

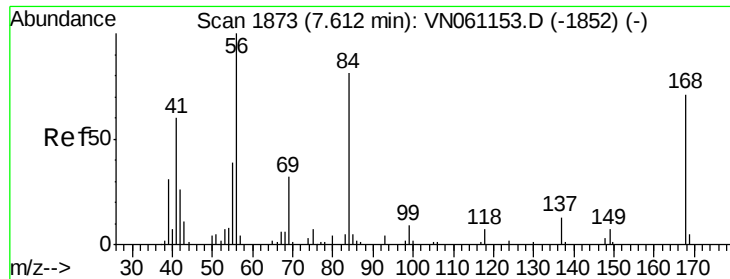
Tot Ion: 42 Resp: 55979
Ion Ratio Lower Upper
42 100
72 38.0 31.4 47.0
71 36.5 29.5 44.3



#30
Chloroform
Concen: 19.472 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 83 Resp: 45208
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7

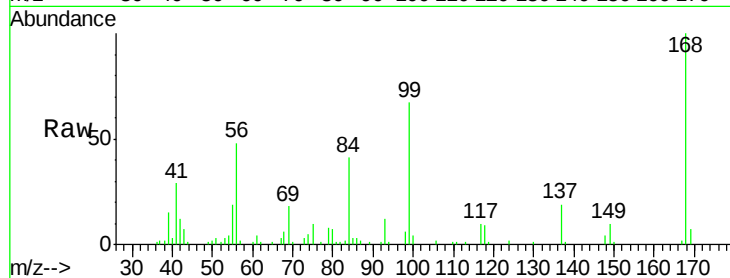




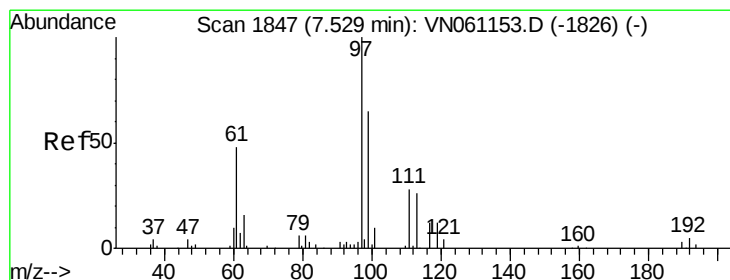
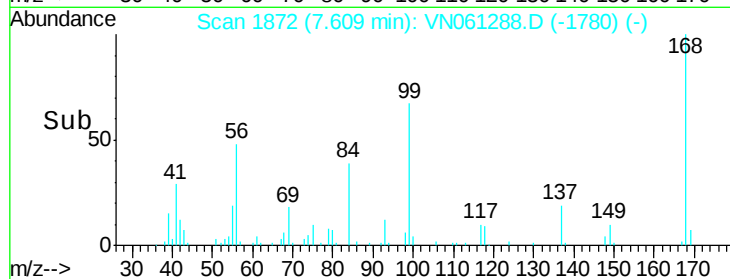
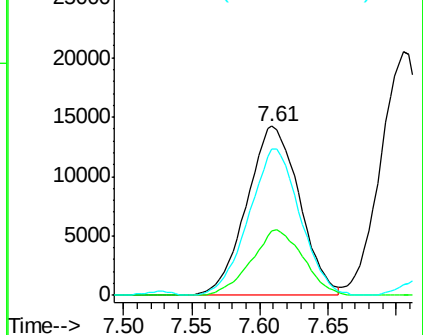
#31
Cyclohexane
Concen: 17.157 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 38174
Ion Ratio Lower Upper
56 100
69 38.1 25.7 38.5
84 86.8 64.6 97.0

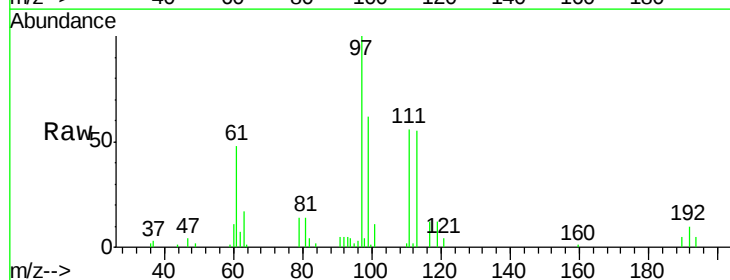


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

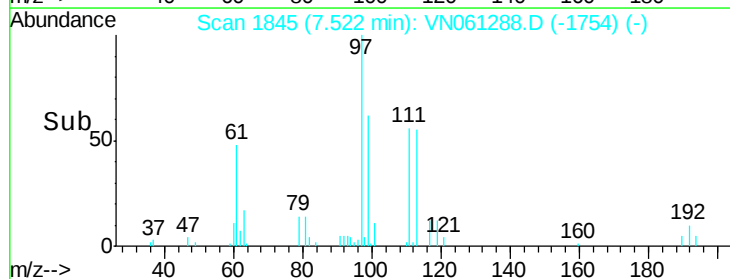
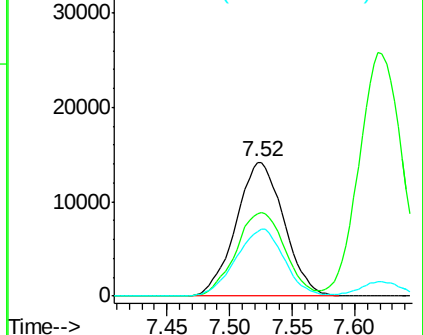


#32
1,1,1-Trichloroethane
Concen: 18.653 ug/l
RT: 7.52 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 97 Resp: 37711
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 50.1 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

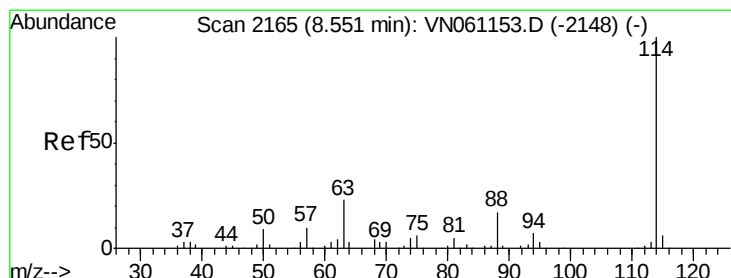
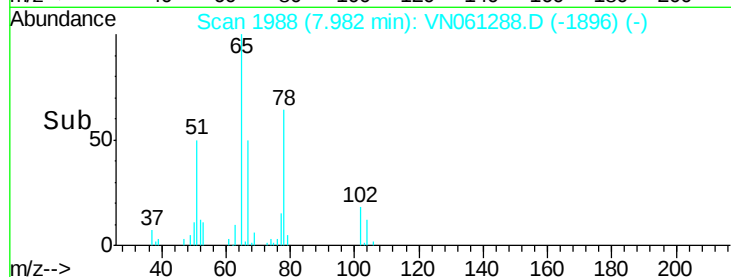
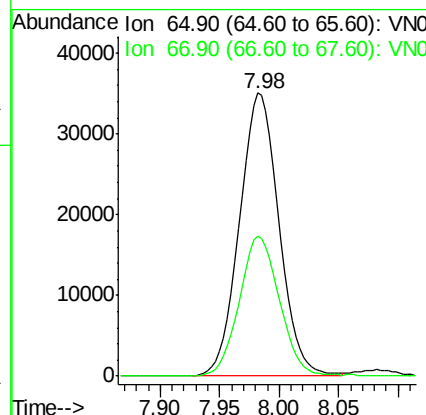
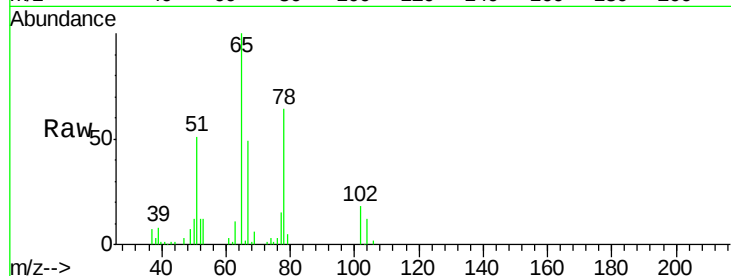




#33
 1,2-Dichloroethane-d4
 Concen: 52.760 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

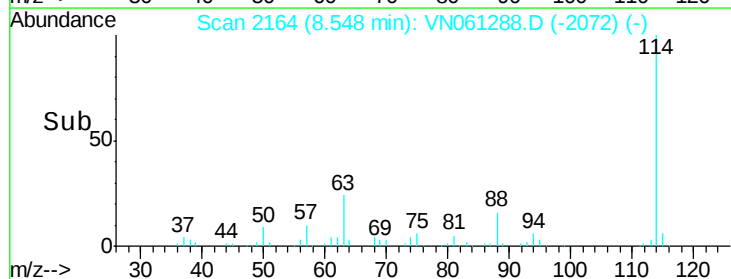
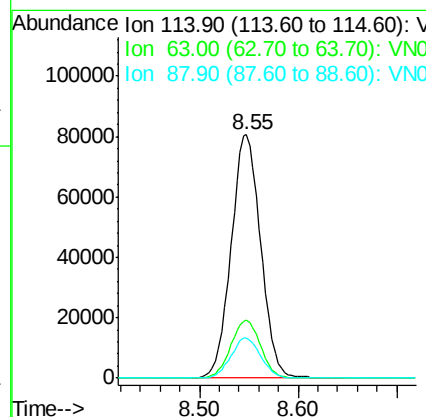
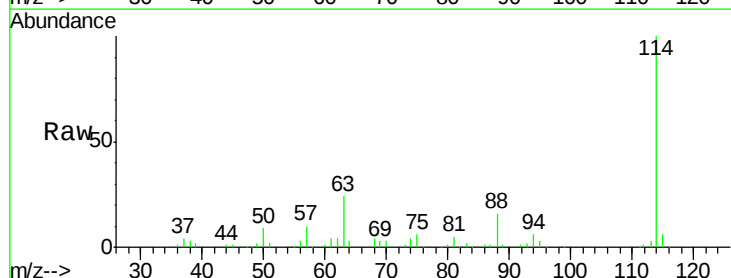
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 65 Resp: 80692
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 114 Resp: 168421
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.3 0.0 33.4

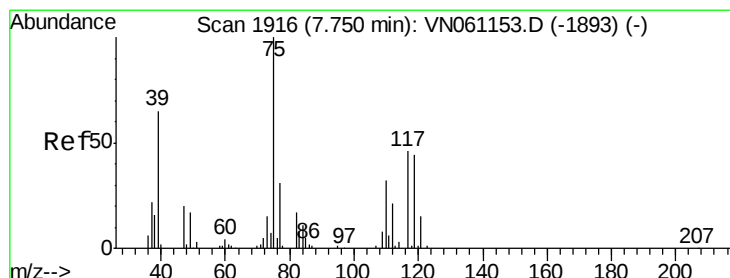
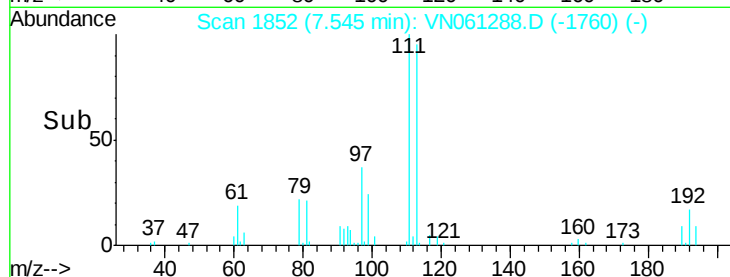
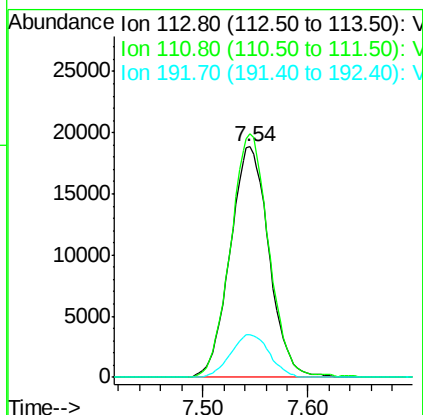
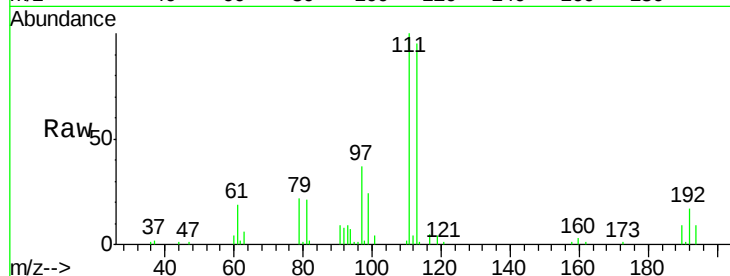




#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

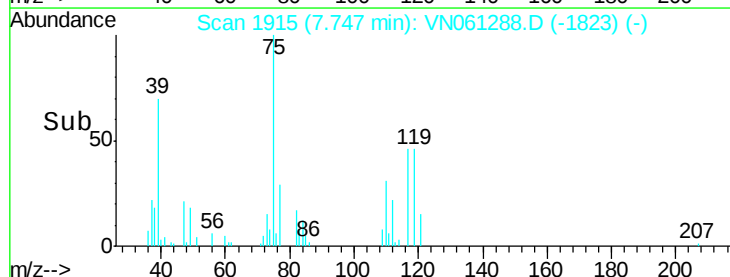
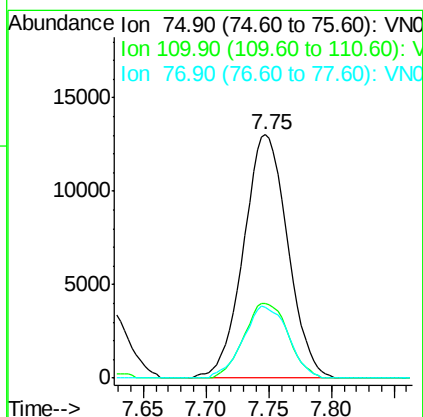
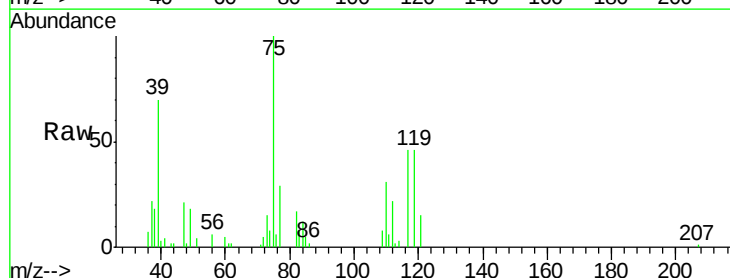
Instrument :
 MSVOA_N
 ClientSampleId :

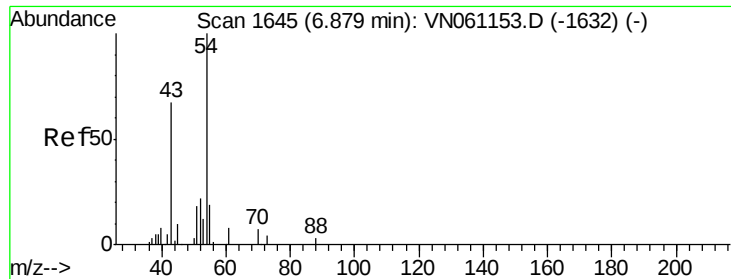
Tot Ion:113 Resp: 48161
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 18.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 18.958 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 75 Resp: 31963
 Ion Ratio Lower Upper
 75 100
 110 30.8 16.0 48.0
 77 30.0 24.6 37.0

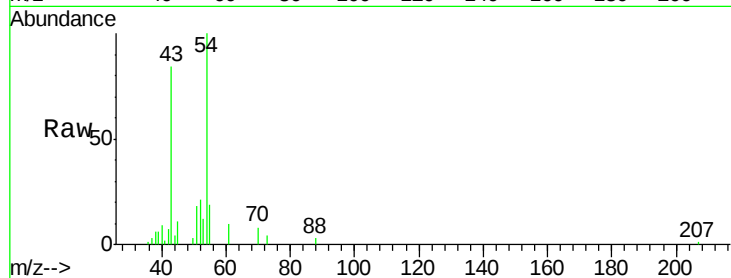




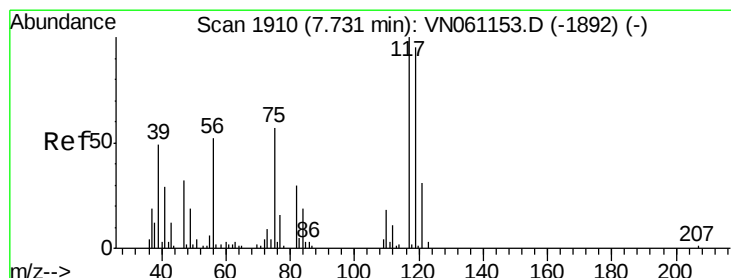
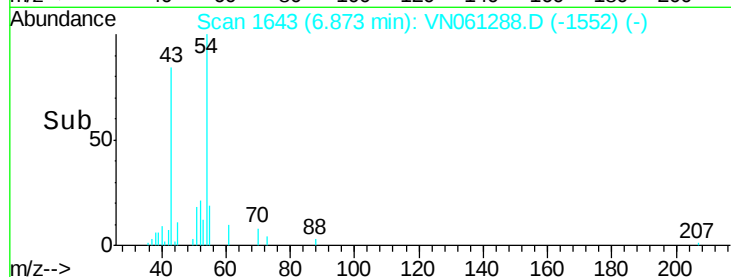
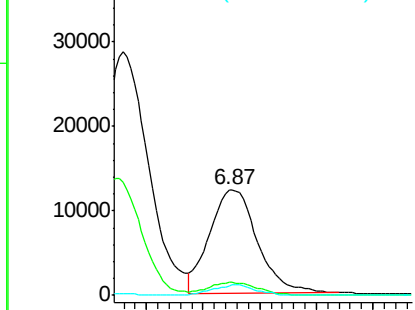
#37
Ethyl Acetate
Concen: 18.355 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 36279
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 8.9 7.2 10.8

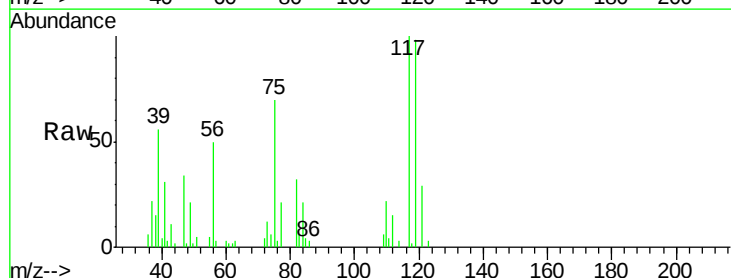


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

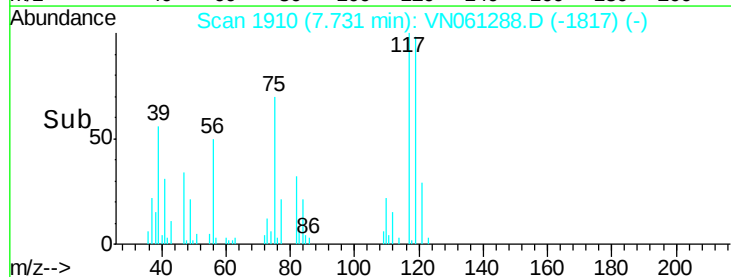
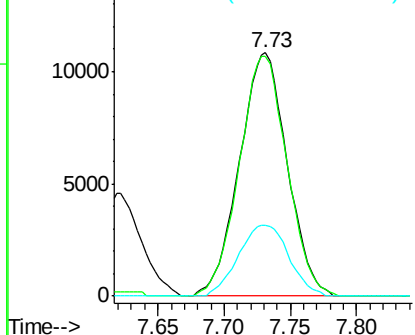


#38
Carbon Tetrachloride
Concen: 19.167 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 117 Resp: 27210
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 29.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

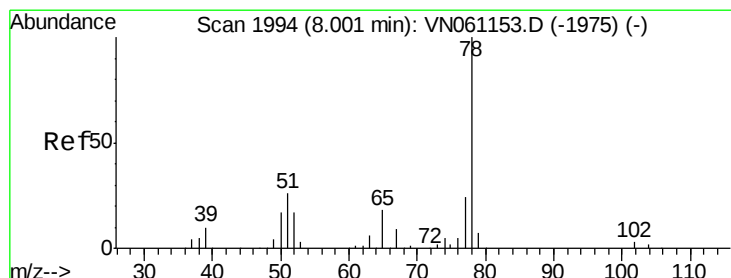
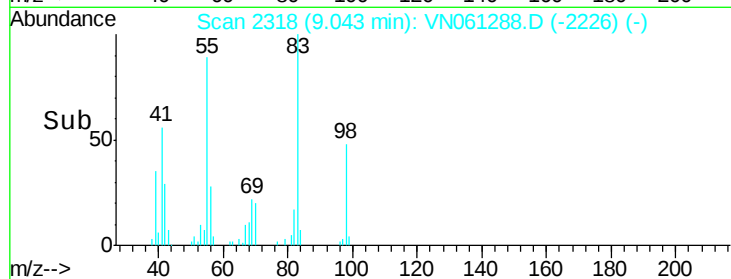
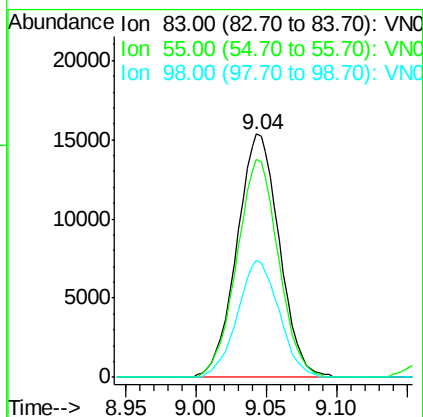
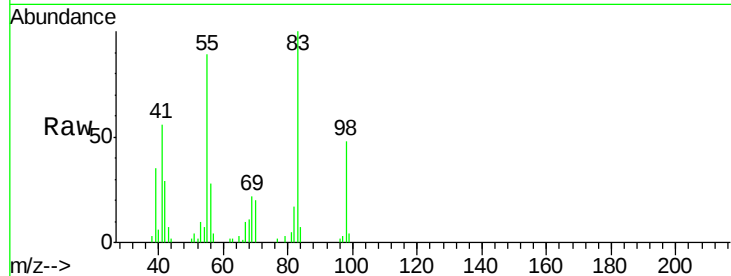




#39
Methvlcvclohexane
Concen: 17.096 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

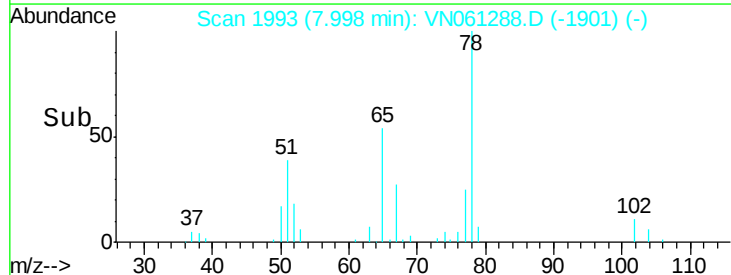
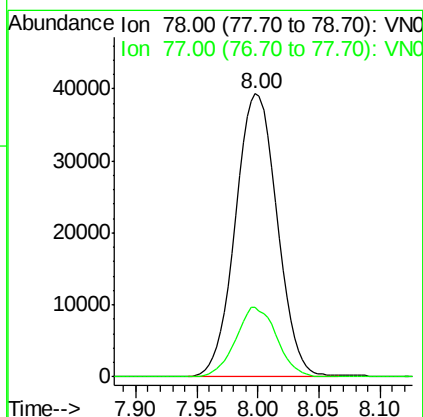
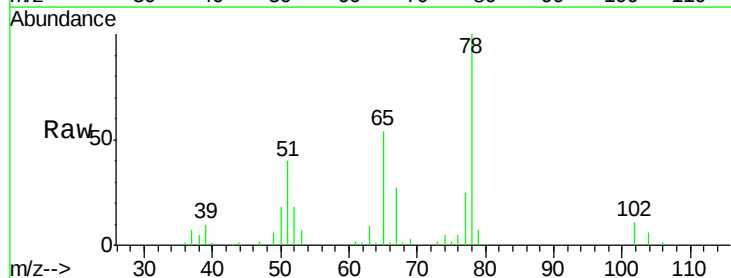
Instrument :
MSVOA_N
ClientSampled :

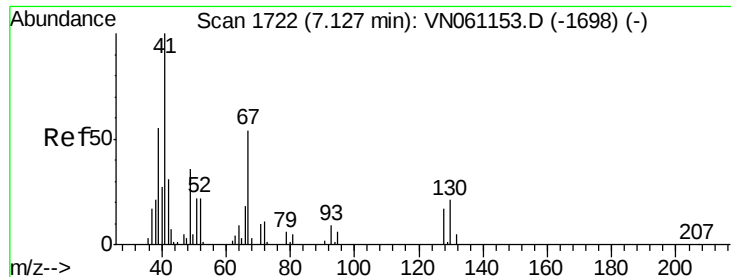
Tot Ion: 83 Resp: 32324
Ion Ratio Lower Upper
83 100
55 89.3 67.3 100.9
98 48.0 37.7 56.5



#40
Benzene
Concen: 18.611 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 78 Resp: 93483
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

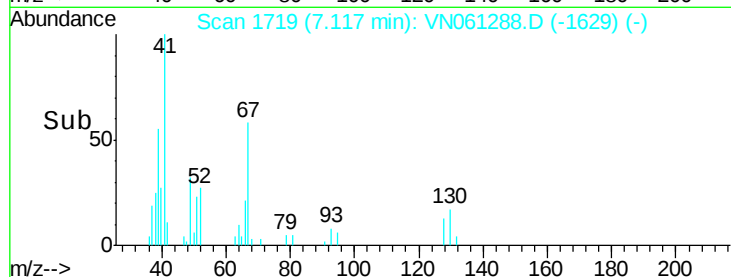
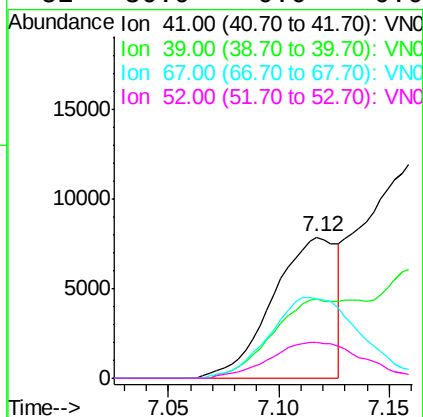
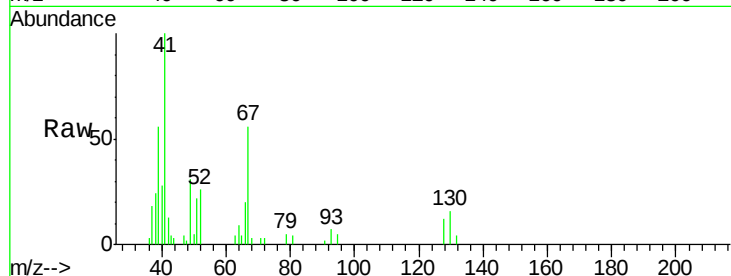




#41
Methacrylonitrile
Concen: 19.402 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

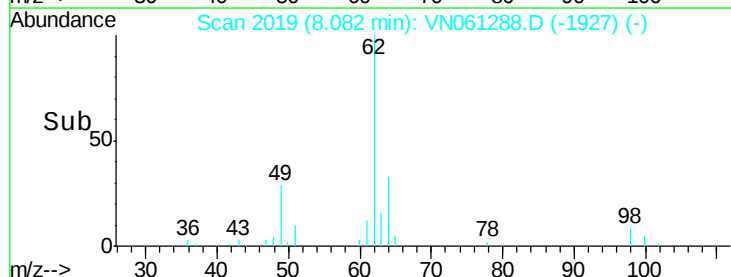
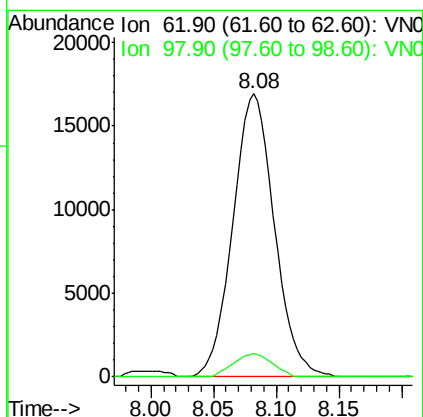
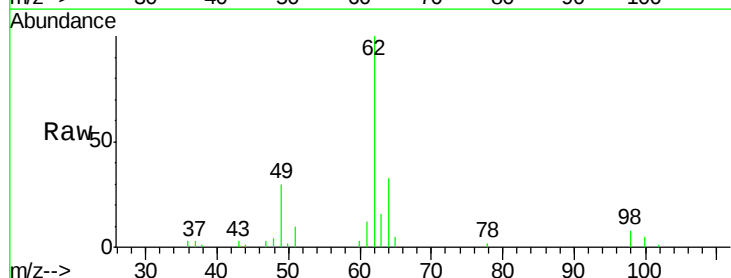
Instrument :
MSVOA_N
ClientSampled :

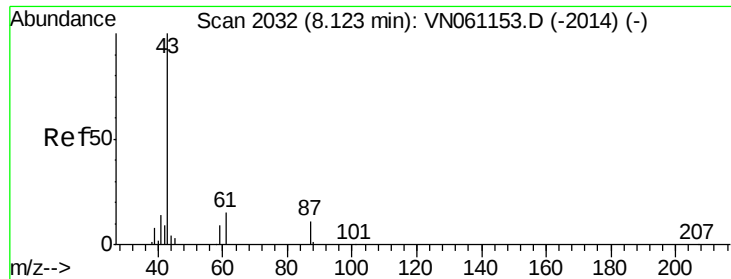
Tot Ion:	41	Resp:	15922
Ion	Ratio	Lower	Upper
41	100		
39	50.9	0.0	0.0#
67	81.2	0.0	0.0#
52	36.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.477 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:	62	Resp:	38965
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.8

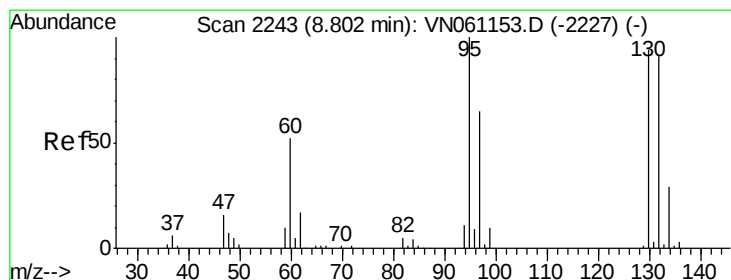
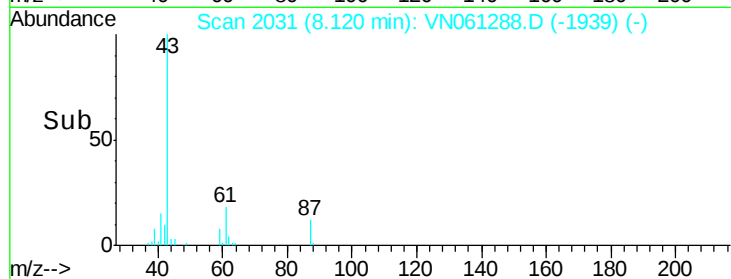
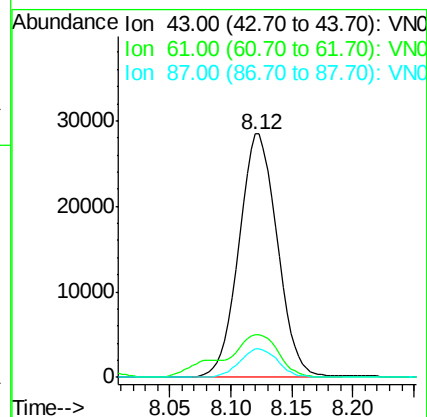
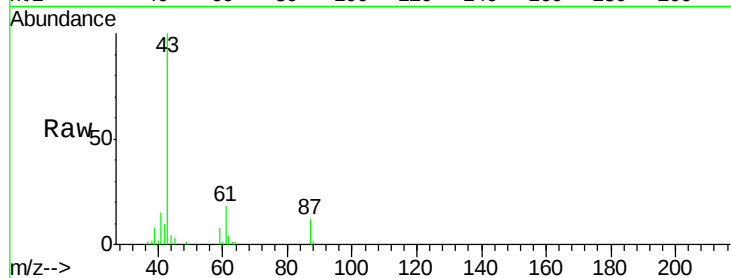




#43
Isopropyl Acetate
Concen: 18.961 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

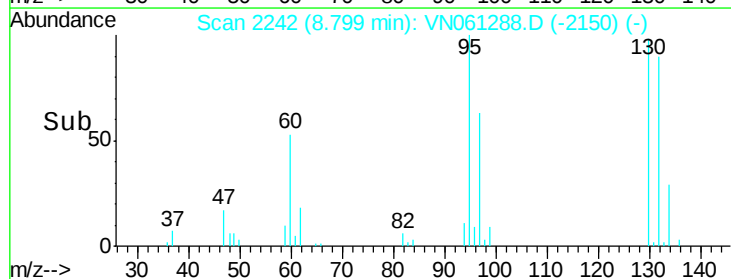
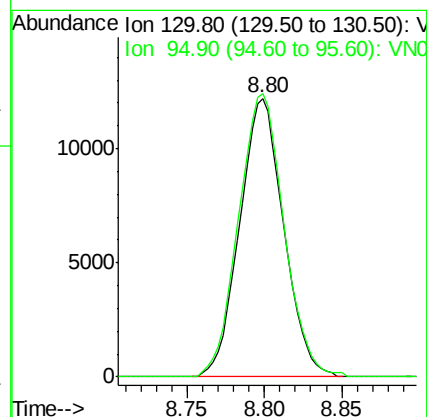
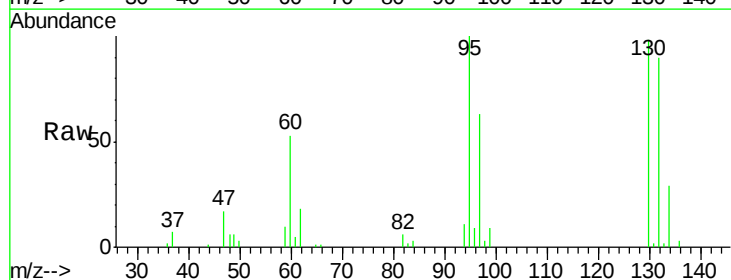
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 62196
Ion Ratio Lower Upper
43 100
61 18.8 19.5 29.3#
87 11.5 8.9 13.3



#44
Trichloroethene
Concen: 17.770 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:130 Resp: 24129
Ion Ratio Lower Upper
130 100
95 101.7 0.0 212.4





#45

1,2-Dichloropropane

Concen: 19.612 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

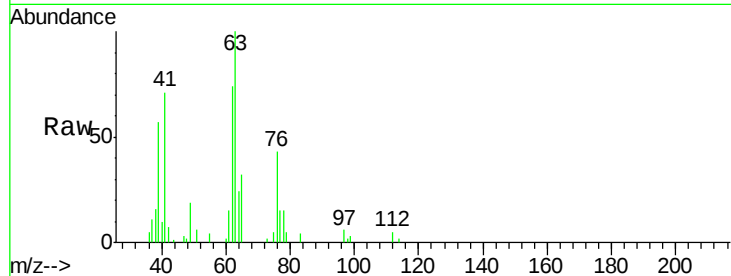
ClientSampled :

Tot Ion: 63 Resp: 26318

Ion Ratio Lower Upper

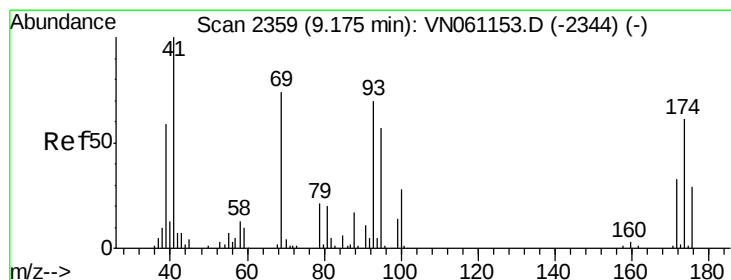
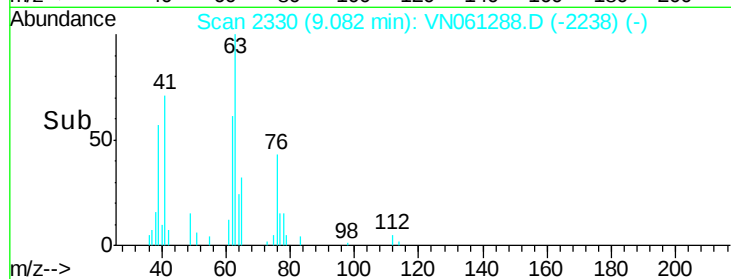
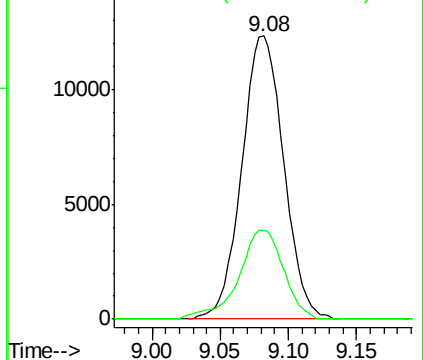
63 100

65 31.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.895 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

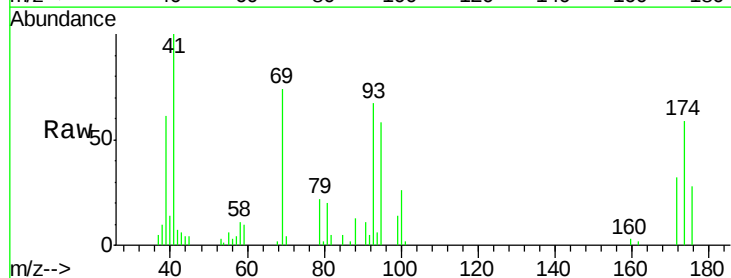
Tgt Ion: 93 Resp: 16530

Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

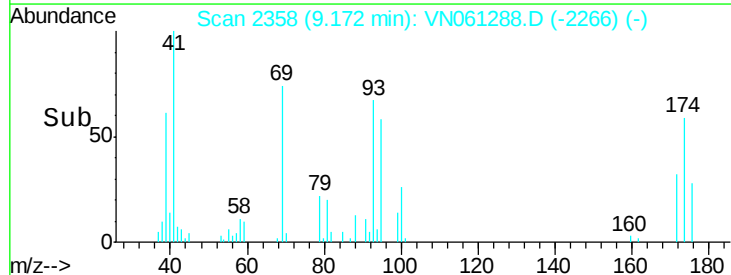
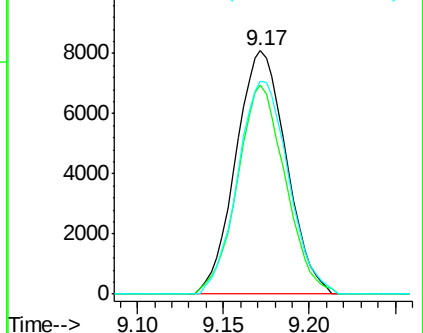
174 87.7 70.2 105.2



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





#47

Bromodichloromethane

Concen: 20.035 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

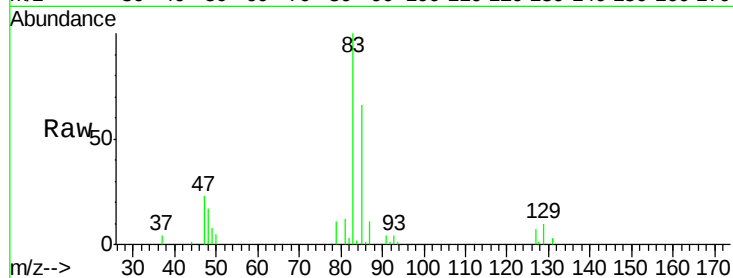
Tot Ion: 83 Resp: 35731

Ion Ratio Lower Upper

83 100

85 66.2 50.4 75.6

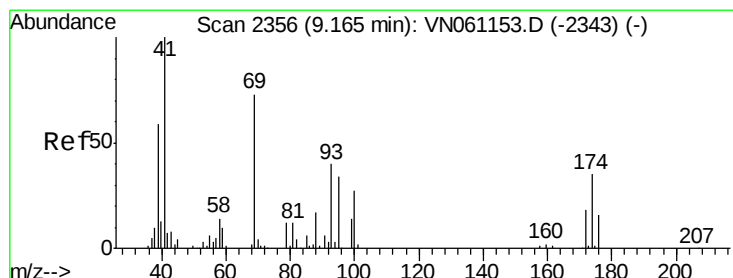
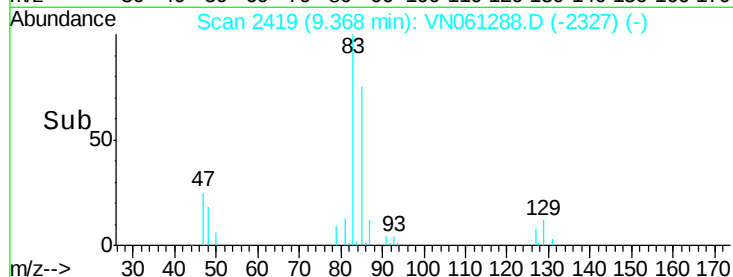
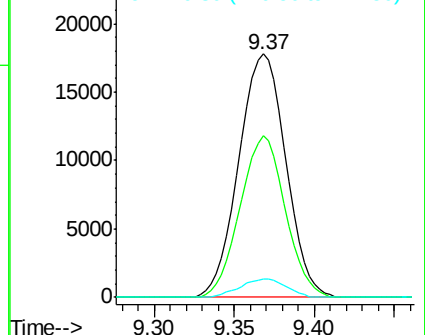
127 7.4 6.2 9.2



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) (-)



#48

Methyl methacrylate

Concen: 18.634 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

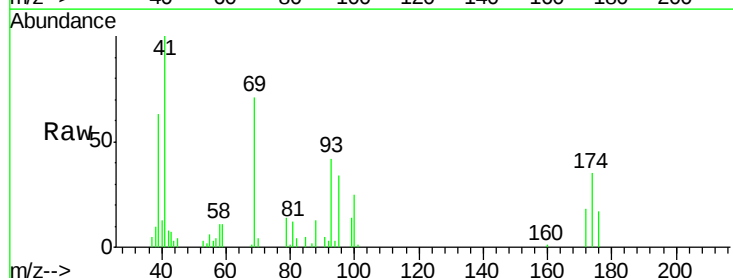
Tgt Ion: 41 Resp: 27582

Ion Ratio Lower Upper

41 100

69 75.4 60.3 90.5

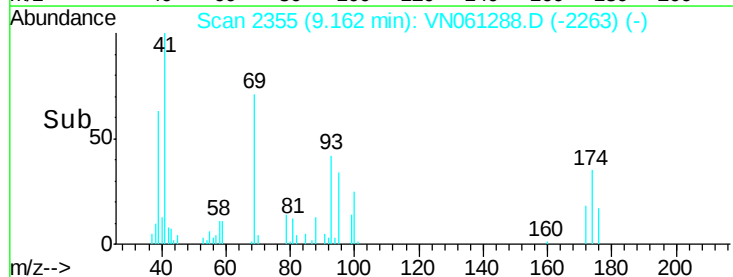
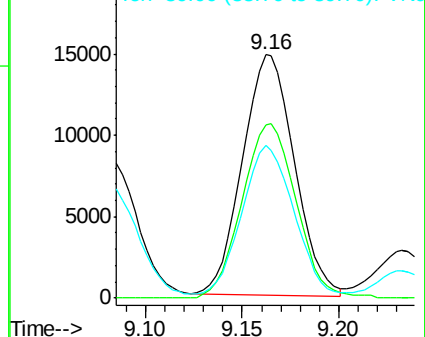
39 65.1 47.4 71.0



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) (-)

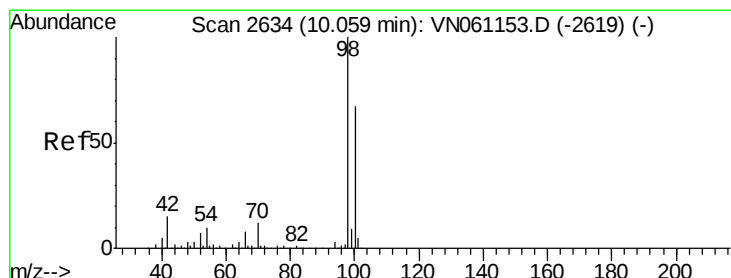
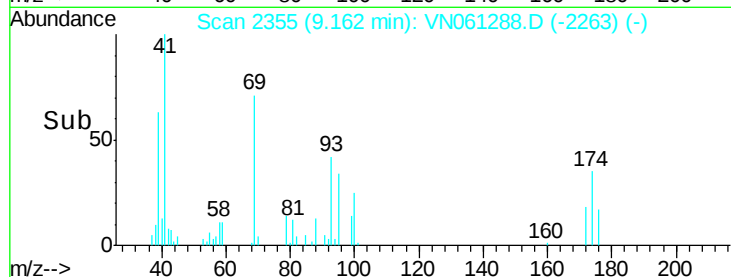
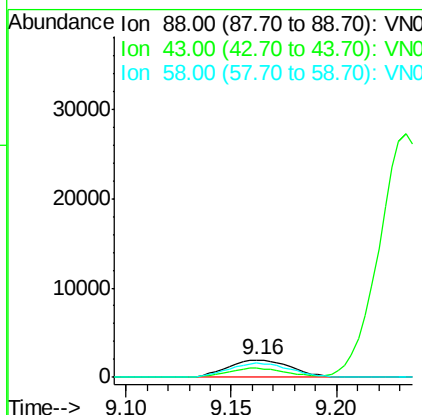
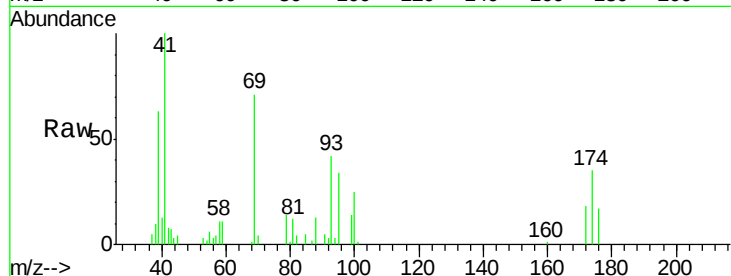




#49
1,4-Dioxane
Concen: 239.074 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

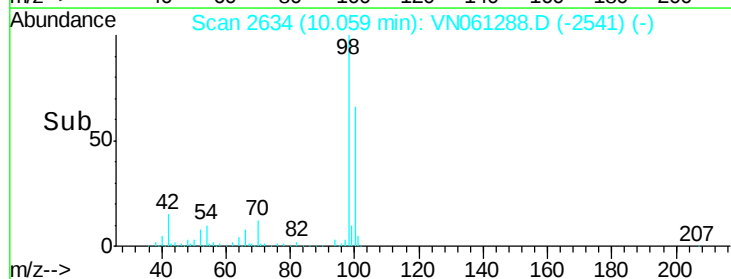
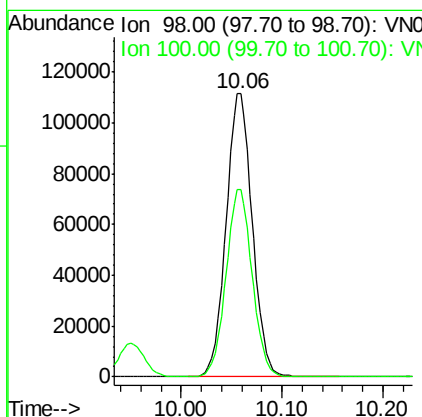
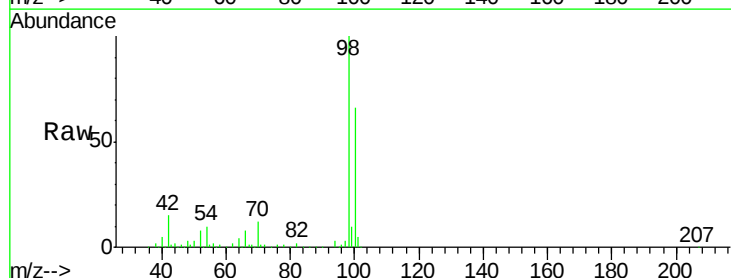
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 4017
Ion Ratio Lower Upper
88 100
43 49.2 35.3 52.9
58 80.6 61.5 92.3



#50
Toluene-d8
Concen: 49.873 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 98 Resp: 202479
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 95.736 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

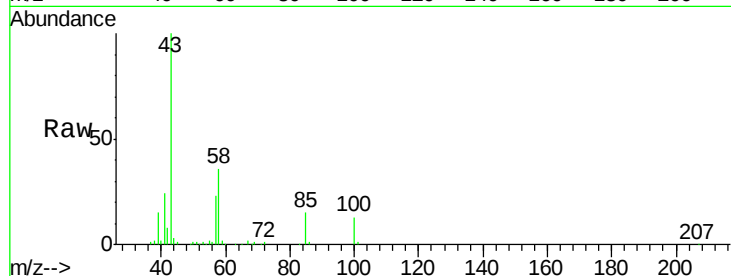
ClientSampled :

Tot Ion: 43 Resp: 184848

Ion Ratio Lower Upper

43 100

58 36.1 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

100000

80000

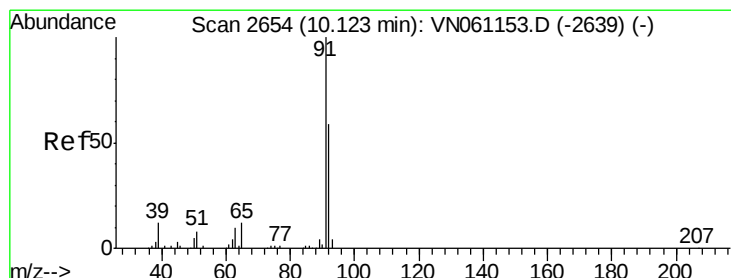
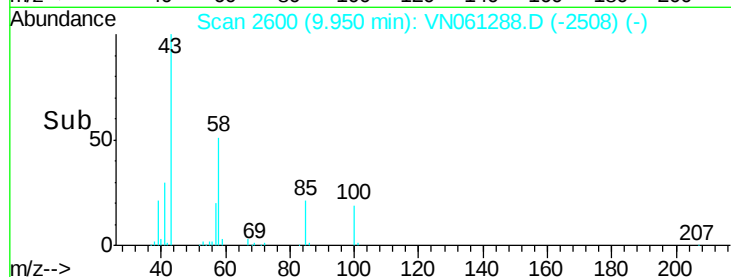
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 18.759 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061288.D

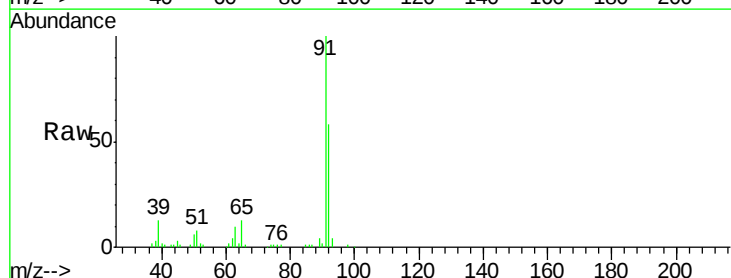
Acq: 5 May 2020 13:45

Tgt Ion: 92 Resp: 56756

Ion Ratio Lower Upper

92 100

91 173.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

60000

50000

40000

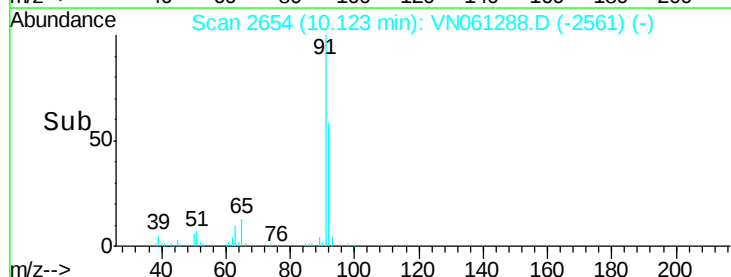
30000

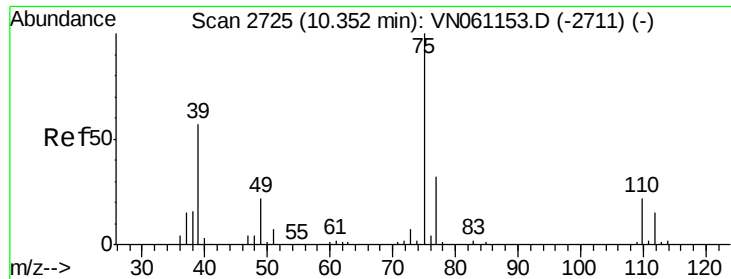
20000

10000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.660 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

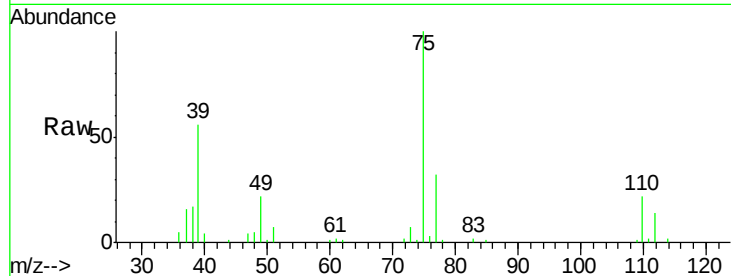
ClientSampled :

Tot Ion: 75 Resp: 39507

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN061288.D (-2632) (-)

Ion 76.90 (76.60 to 77.60): VN061288.D (-2632) (-)

10.35

25000

20000

15000

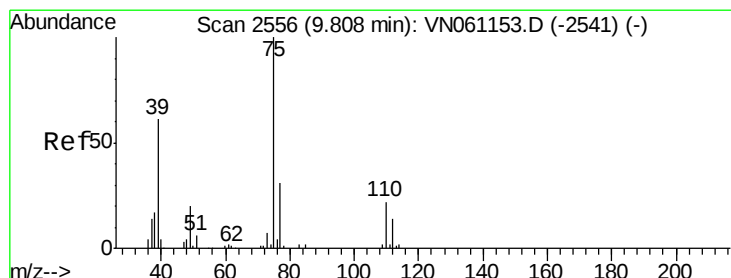
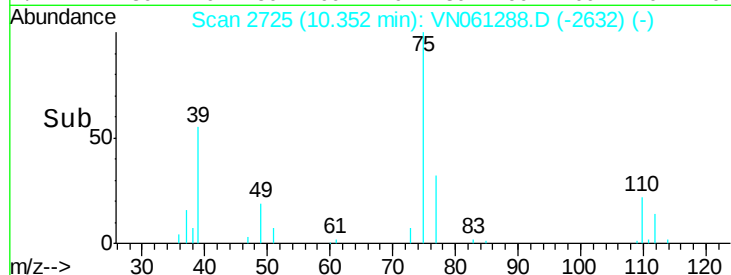
10000

5000

0

Time-->

10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 19.543 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

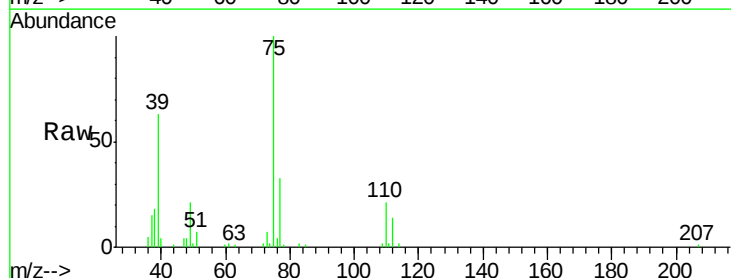
Tgt Ion: 75 Resp: 41517

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

39 62.7 48.7 73.1



Abundance Ion 74.90 (74.60 to 75.60): VN061288.D (-2463) (-)

Ion 76.90 (76.60 to 77.60): VN061288.D (-2463) (-)

Ion 39.00 (38.70 to 39.70): VN061288.D (-2463) (-)

9.81

30000

25000

20000

15000

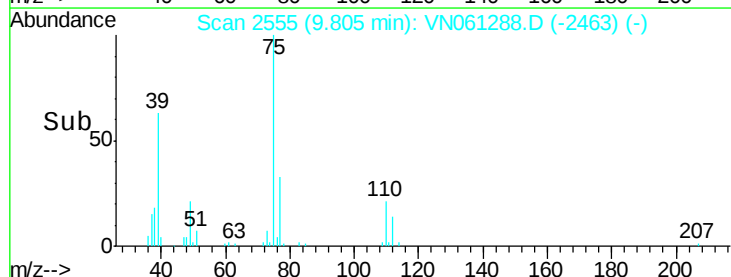
10000

5000

0

Time-->

9.75 9.80 9.85

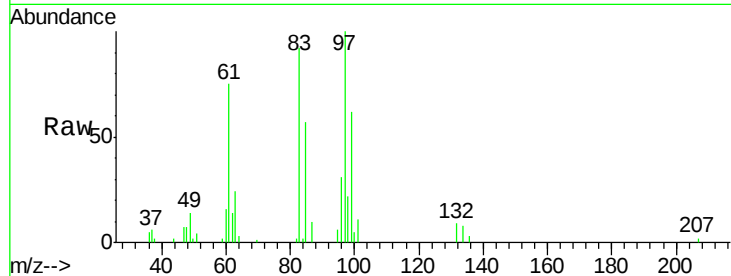




#55
 1,1,2-Trichloroethane
 Concen: 19.211 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	23183
Ion	Ratio	Lower	Upper
97	100		
83	91.8	70.6	106.0
85	56.6	46.4	69.6
99	62.4	50.6	75.8

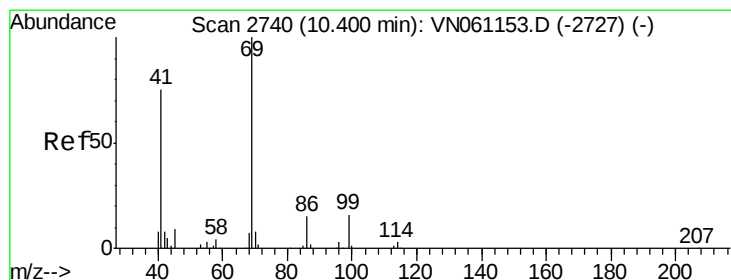
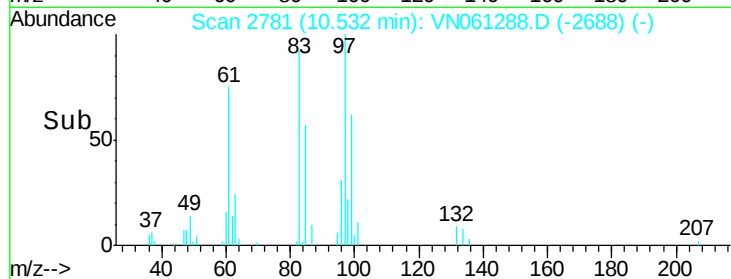
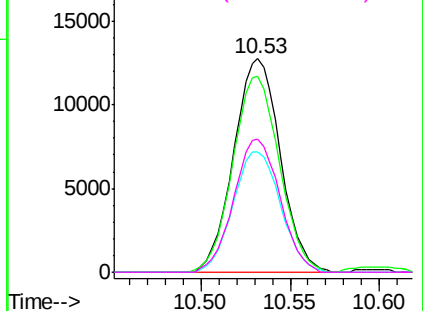


Abundance Ion 96.90 (96.60 to 97.60): VN061288.D (-2688) (-)

Ion 82.90 (82.60 to 83.60): VN061288.D (-2688) (-)

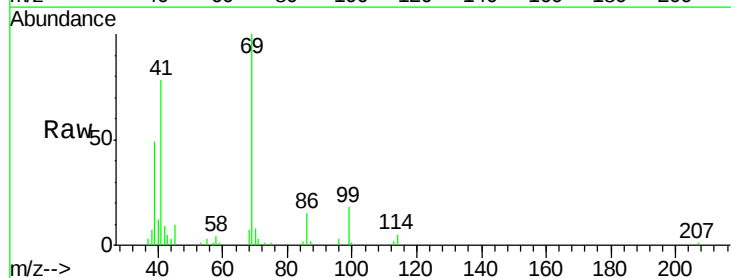
Ion 84.90 (84.60 to 85.60): VN061288.D (-2688) (-)

Ion 98.90 (98.60 to 99.60): VN061288.D (-2688) (-)



#56
 Ethyl methacrylate
 Concen: 18.374 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

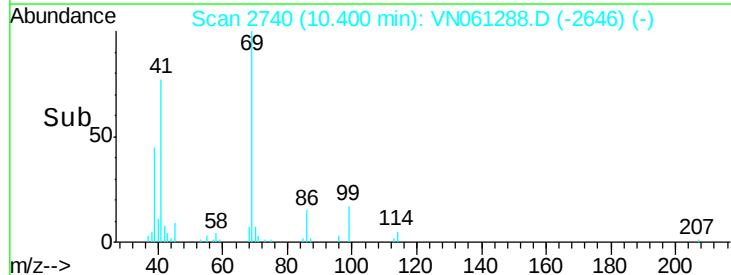
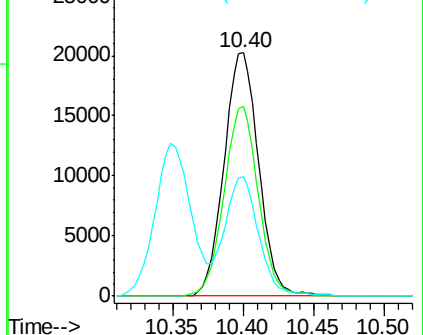
Tgt Ion:	69	Resp:	34803
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.3	90.5
39	48.0	35.9	53.9

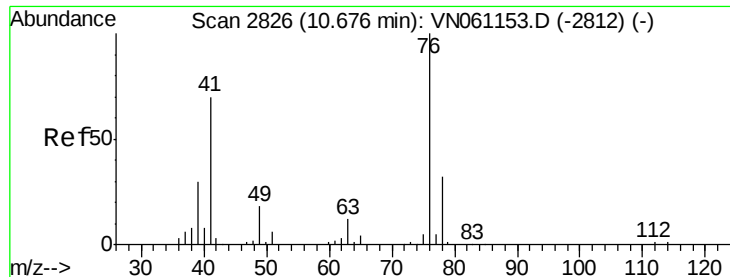


Abundance Ion 69.00 (68.70 to 69.70): VN061288.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061288.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061288.D (-2646) (-)





#57

1,3-Dichloropropane

Concen: 19.764 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

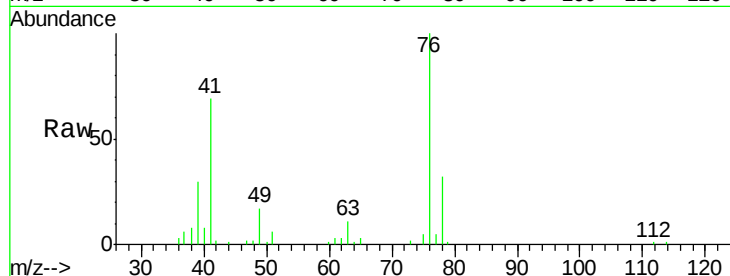
ClientSampled :

Tot Ion: 76 Resp: 41924

Ion Ratio Lower Upper

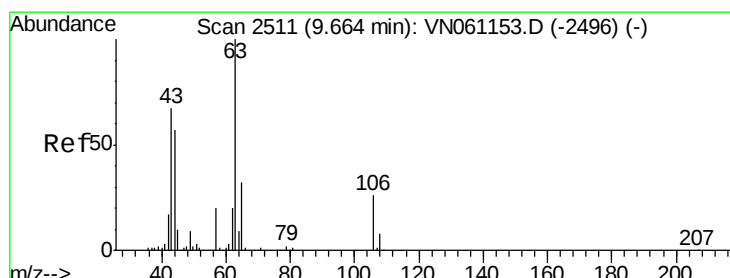
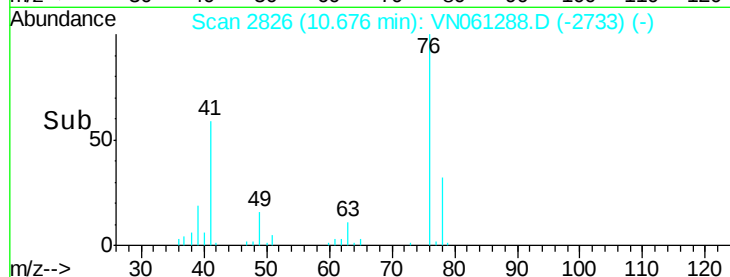
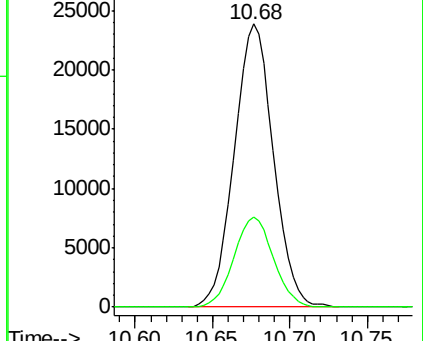
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 94.159 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061288.D

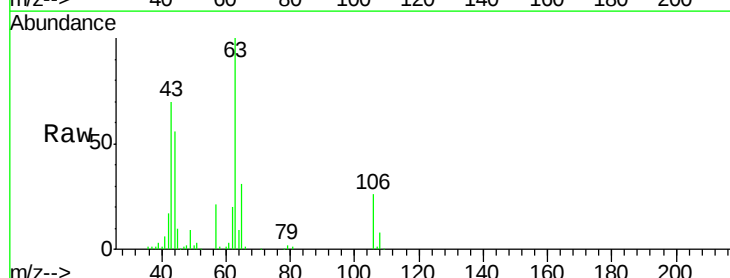
Acq: 5 May 2020 13:45

Tgt Ion: 63 Resp: 91976

Ion Ratio Lower Upper

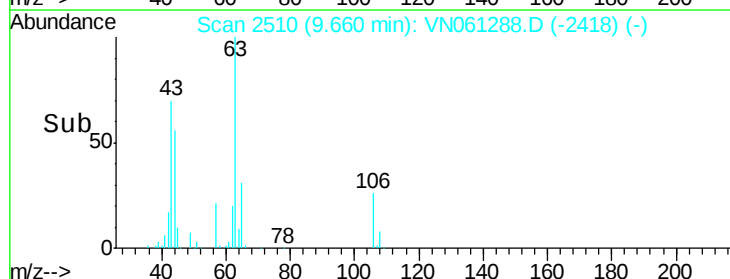
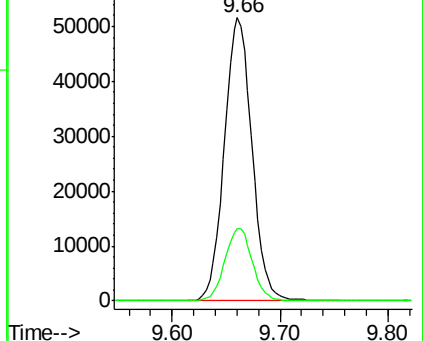
63 100

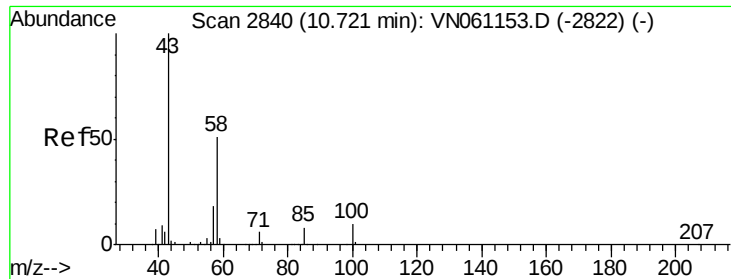
106 25.5 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

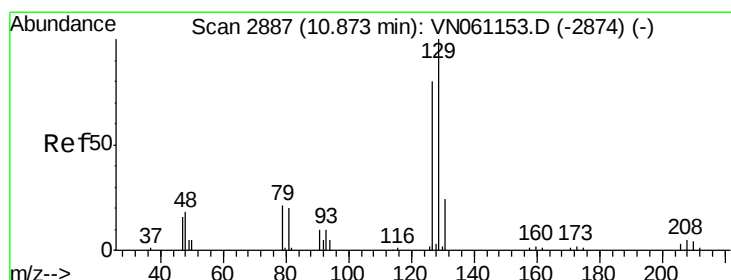
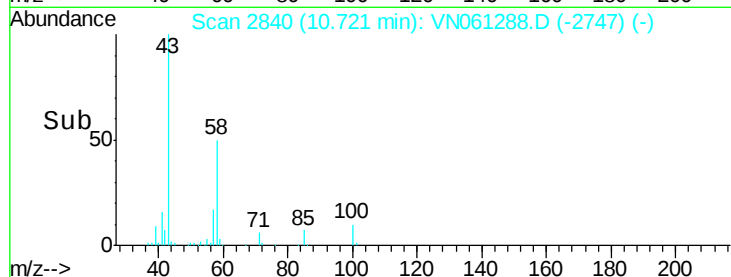
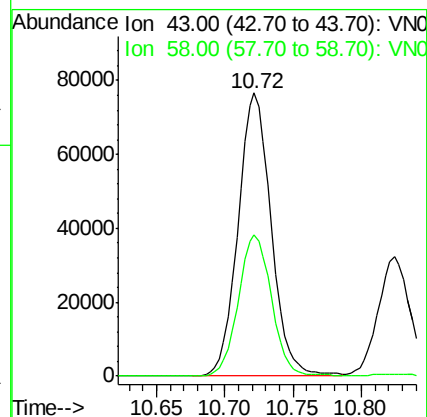
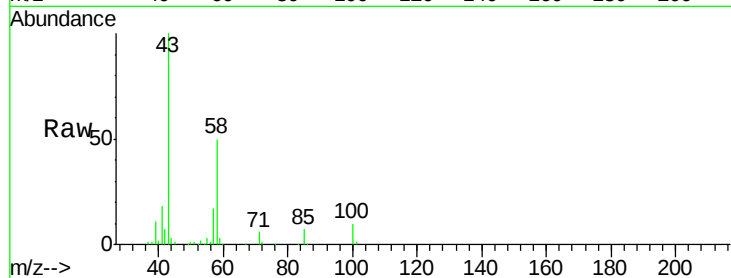




#59
2-Hexanone
Concen: 91.895 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

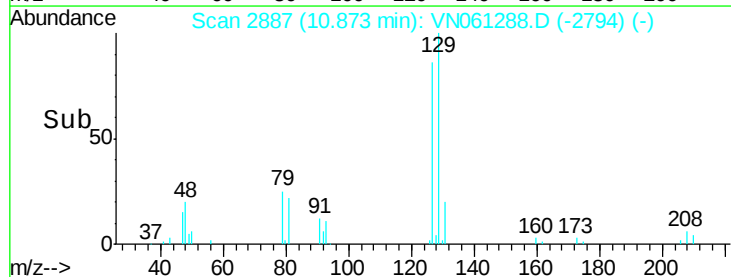
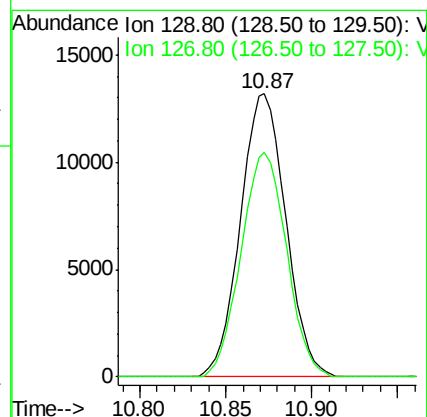
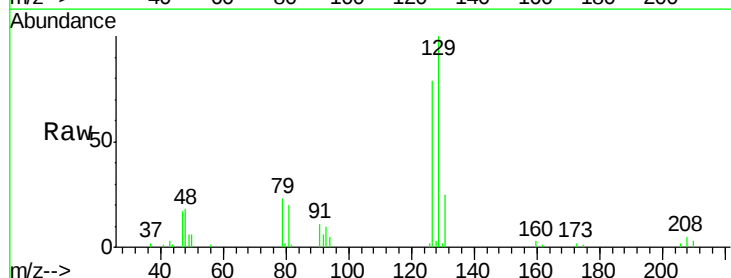
Instrument :
MSVOA_N
ClientSampled :

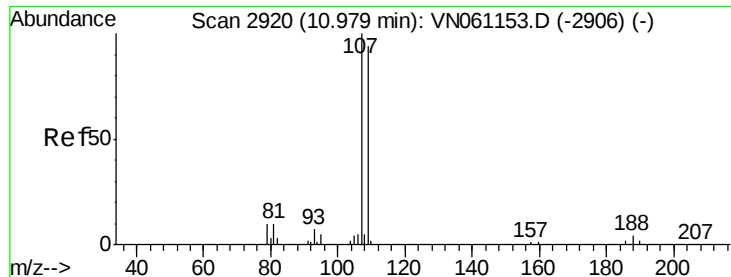
Tot Ion: 43 Resp: 129085
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.4



#60
Dibromochloromethane
Concen: 19.107 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 129 Resp: 24149
Ion Ratio Lower Upper
129 100
127 79.4 39.3 117.8

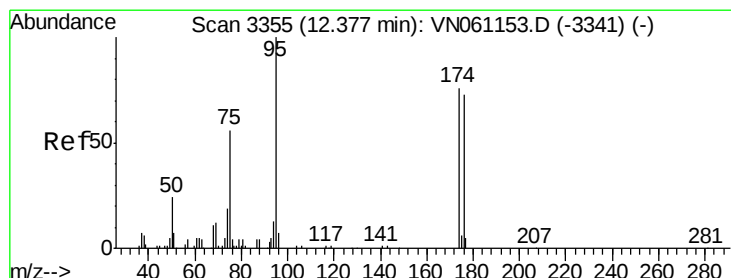
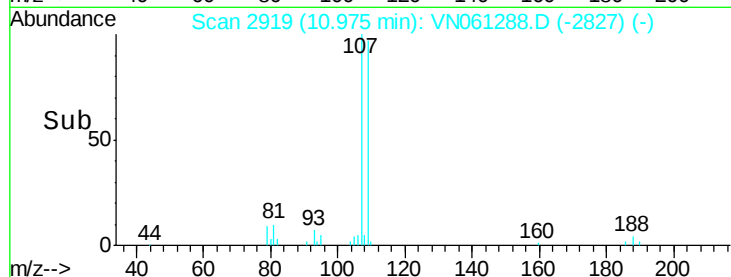
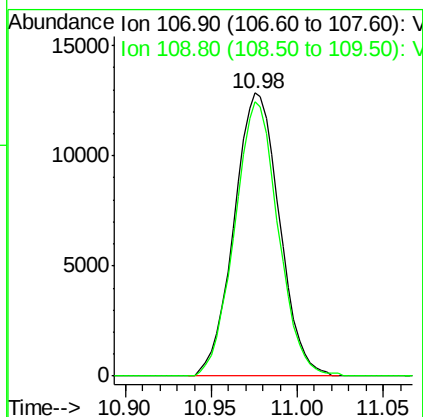
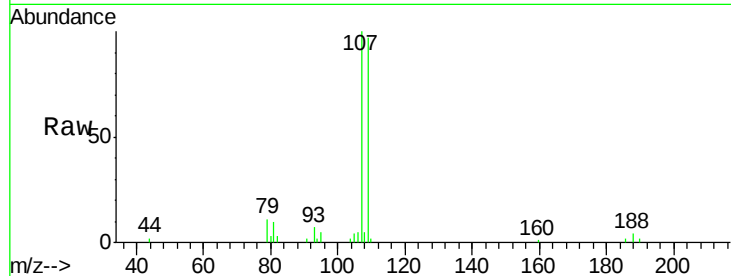




#61
 1,2-Dibromoethane
 Concen: 19.455 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

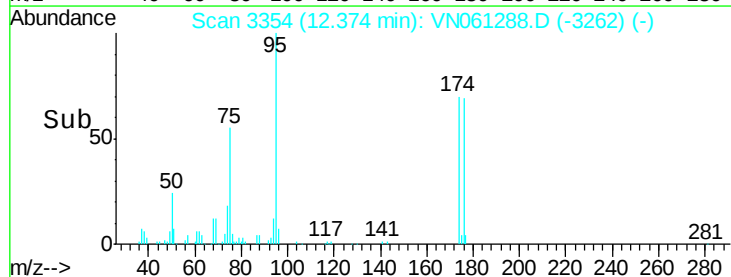
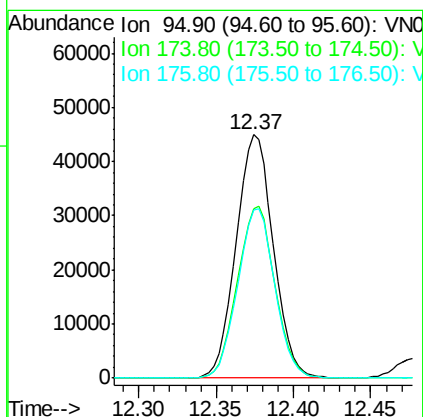
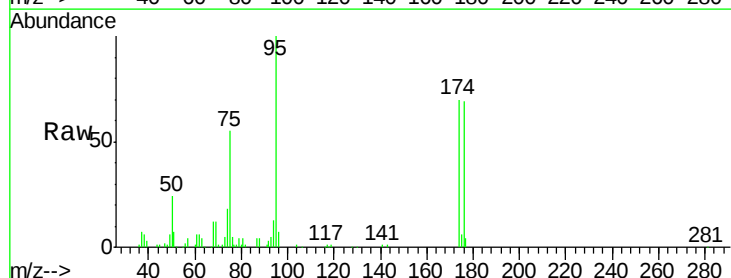
Instrument :
 MSVOA_N
 ClientSampleId :

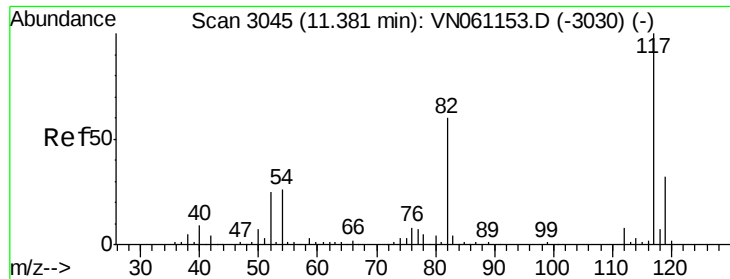
Tot Ion:107 Resp: 23532
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.183 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 95 Resp: 75142
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 149.4
 176 69.4 0.0 144.8

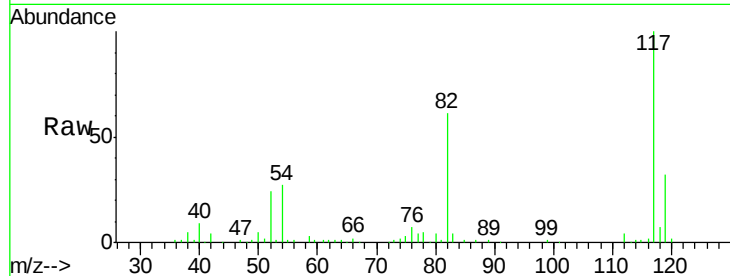




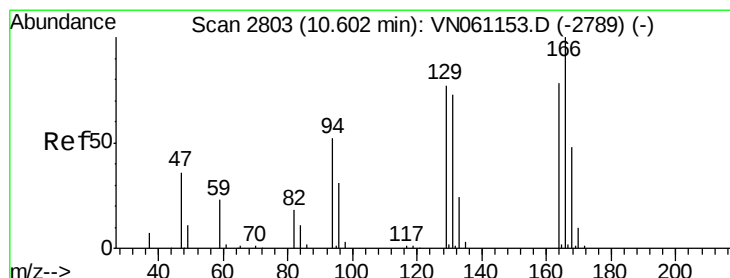
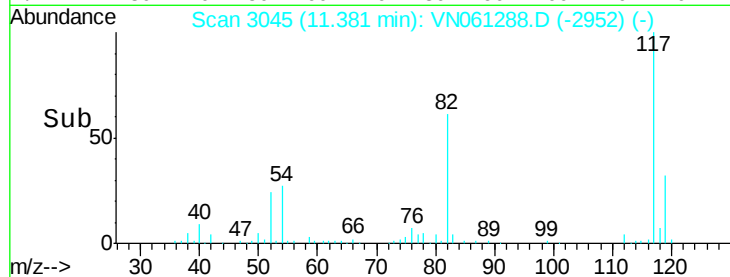
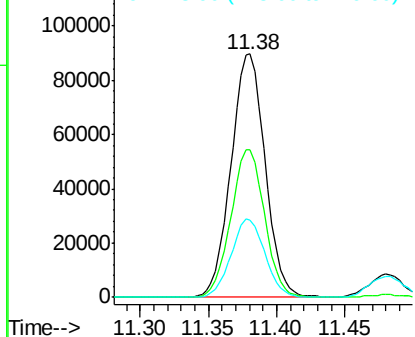
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 156007
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.0 25.8 38.6

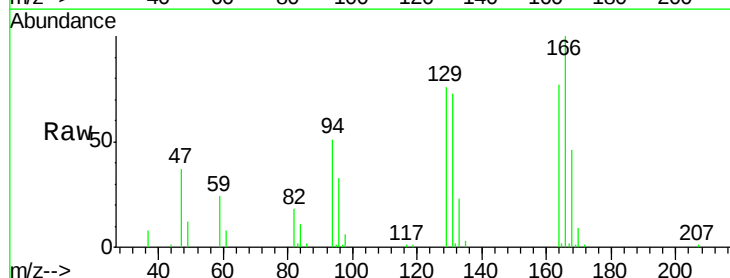


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

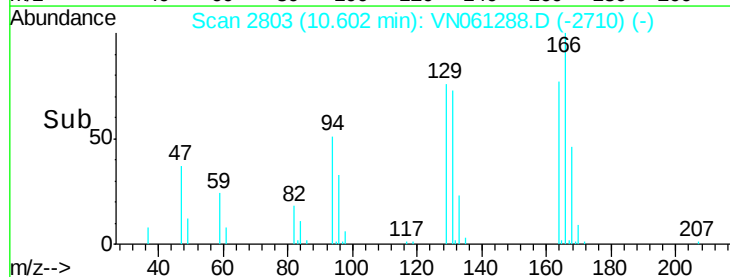
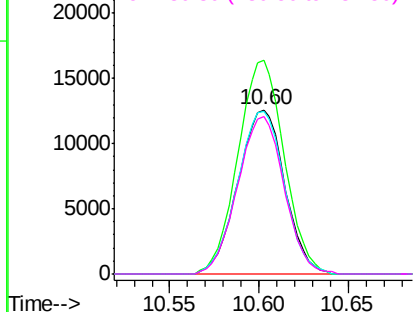


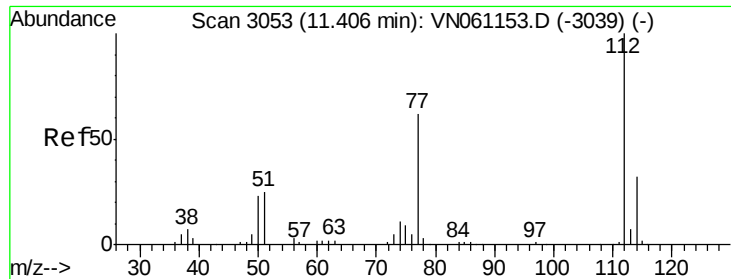
#64
Tetrachloroethene
Concen: 17.035 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:164 Resp: 23018
Ion Ratio Lower Upper
164 100
166 129.9 102.0 153.0
129 99.1 78.2 117.2
131 95.4 74.5 111.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

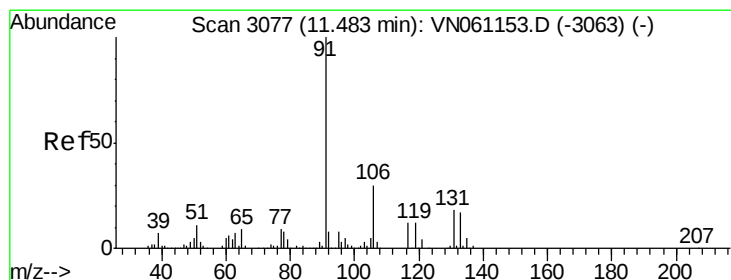
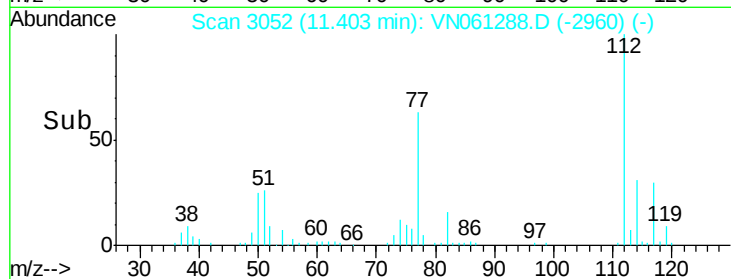
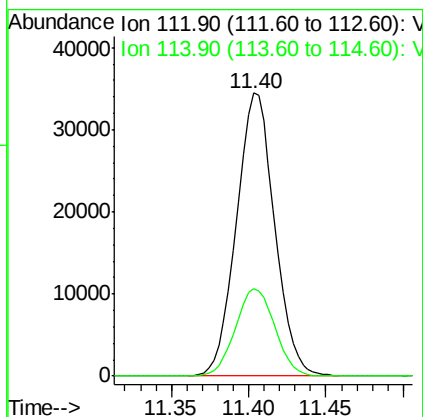
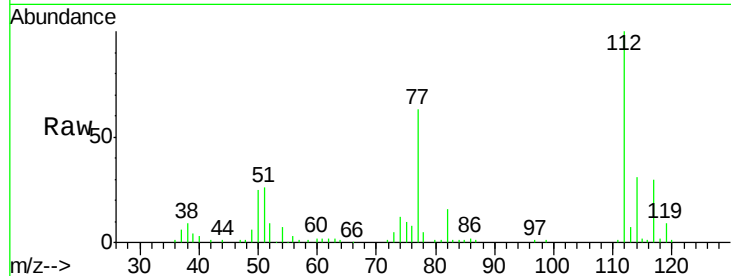




#65
Chlorobenzene
Concen: 19.124 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

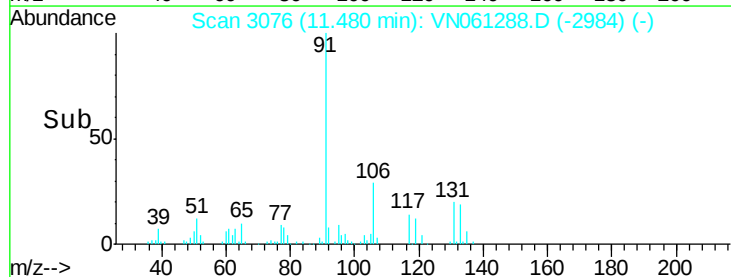
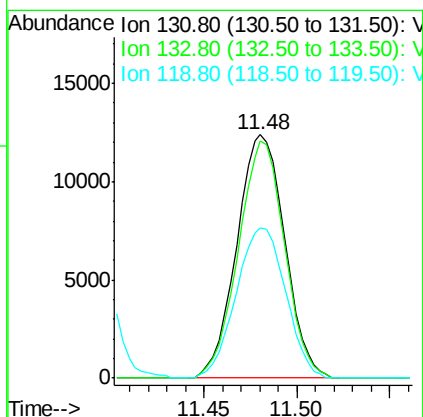
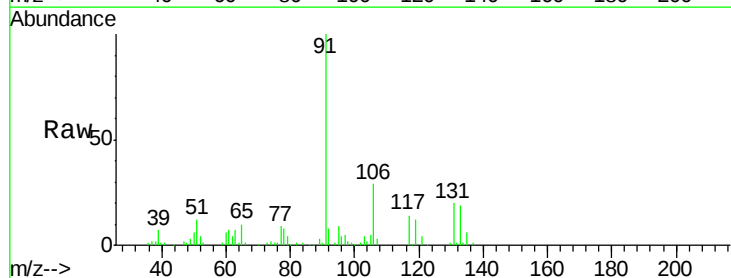
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 59183
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.108 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:131 Resp: 22272
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.2
119 63.4 32.6 97.8





#67

Ethyl Benzene

Concen: 18.905 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

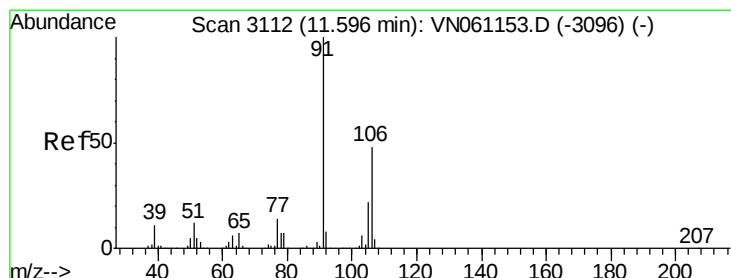
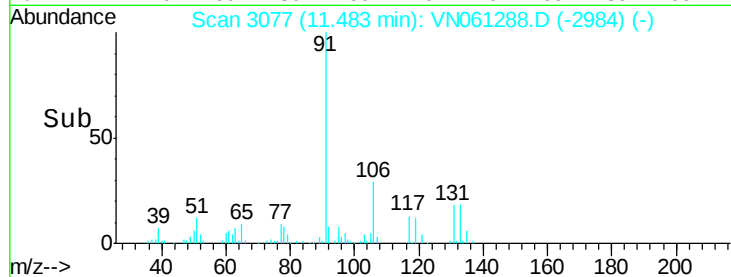
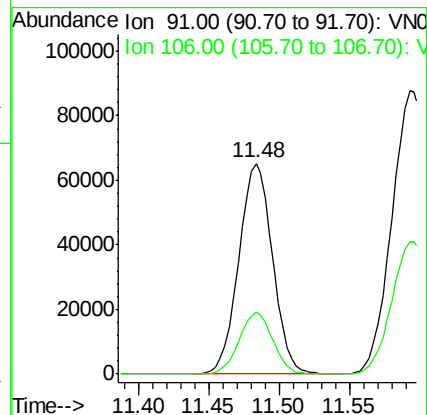
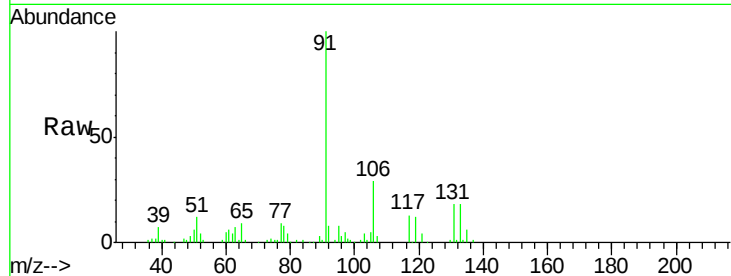
ClientSampled :

Tot Ion: 91 Resp: 109519

Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.6



#68

m/p-Xylenes

Concen: 37.559 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061288.D

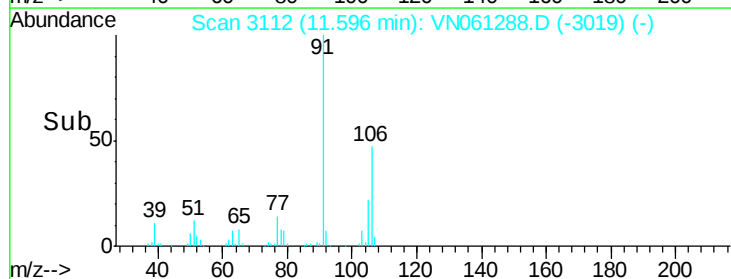
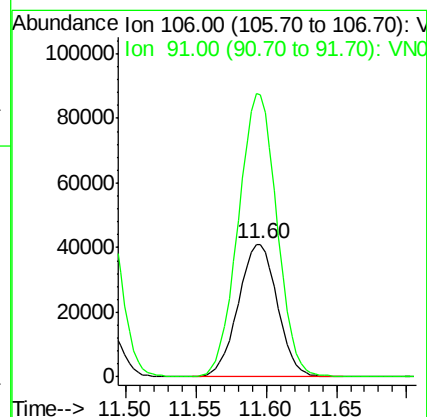
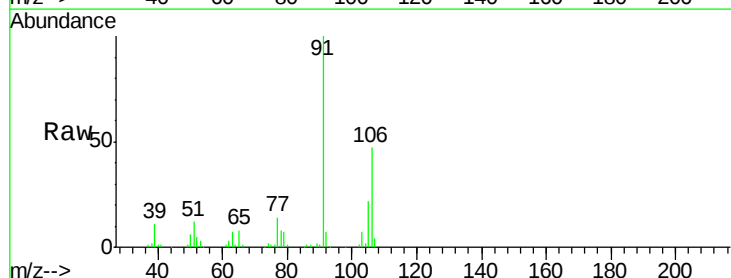
Acq: 5 May 2020 13:45

Tgt Ion: 106 Resp: 79643

Ion Ratio Lower Upper

106 100

91 210.9 166.4 249.6

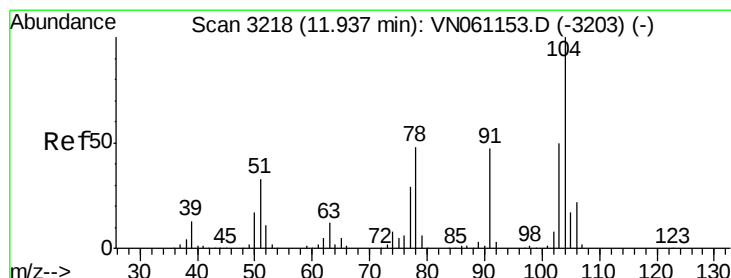
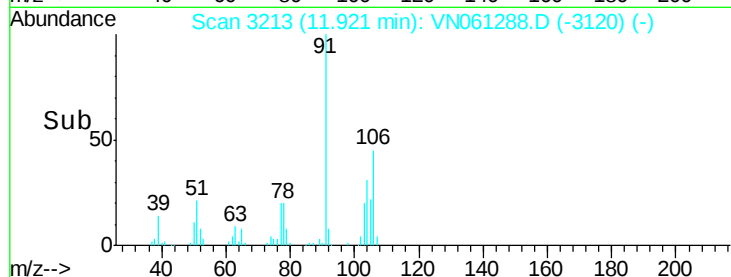
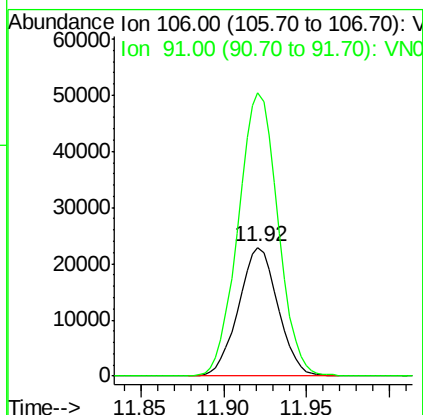
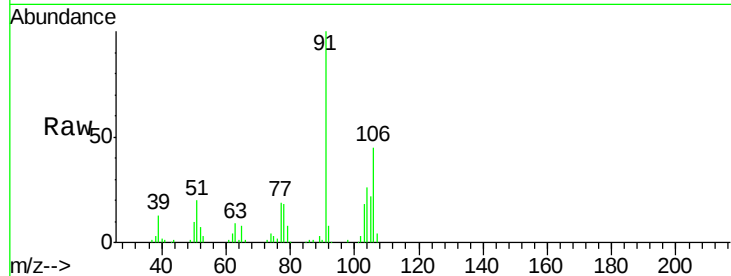




#69
o-Xylene
Concen: 18.569 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

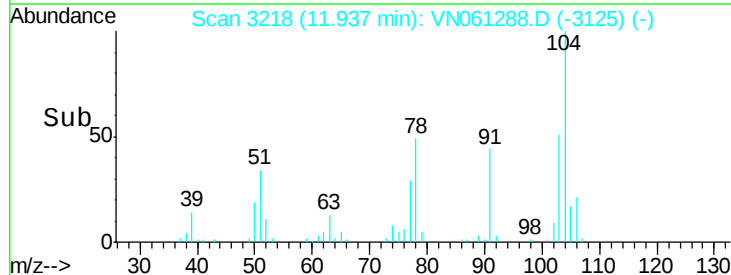
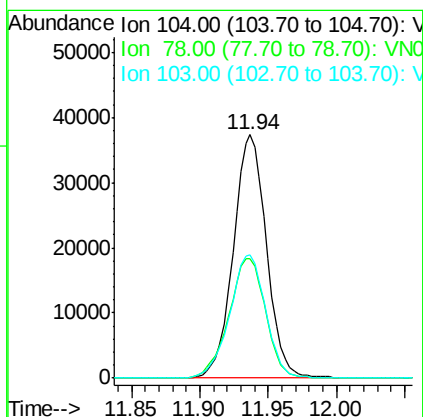
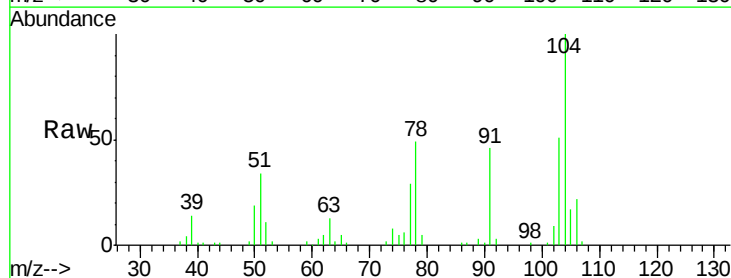
Instrument :
MSVOA_N
ClientSampled :

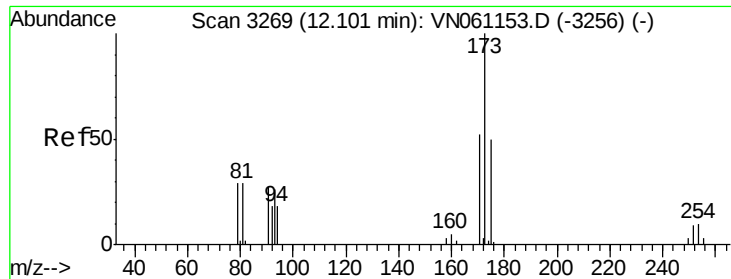
Tot Ion:106 Resp: 37822
Ion Ratio Lower Upper
106 100
91 221.7 109.7 329.0



#70
Styrene
Concen: 18.460 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:104 Resp: 62932
Ion Ratio Lower Upper
104 100
78 54.5 42.1 63.1
103 54.8 43.3 64.9





#71

Bromoform

Concen: 19.478 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

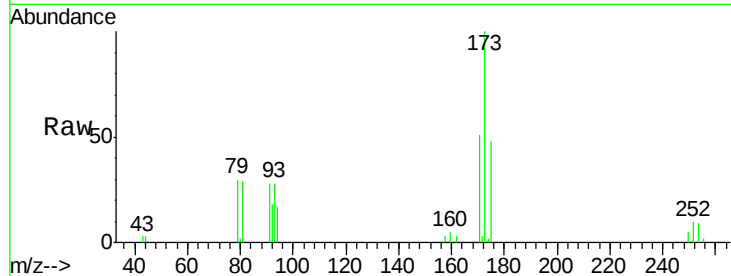
Tot Ion:173 Resp: 15856

Ion Ratio Lower Upper

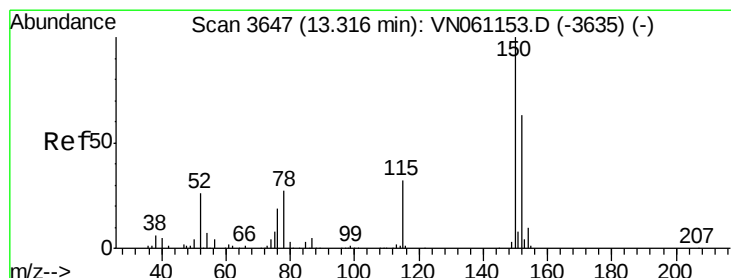
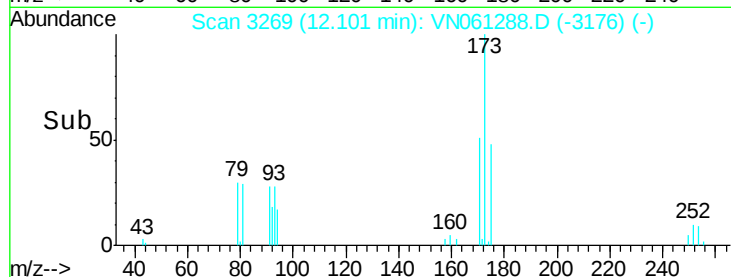
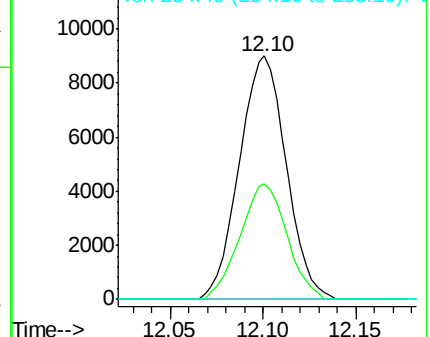
173 100

175 47.3 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: VN061288.D

Acq: 5 May 2020 13:45

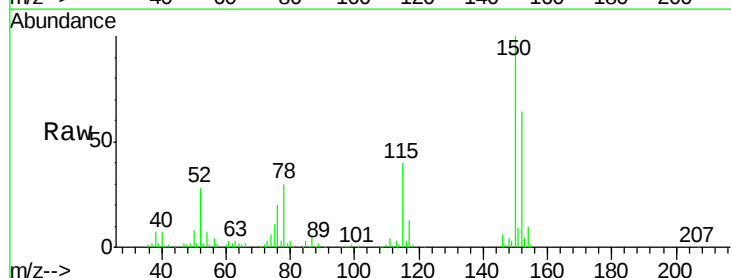
Tgt Ion:152 Resp: 73017

Ion Ratio Lower Upper

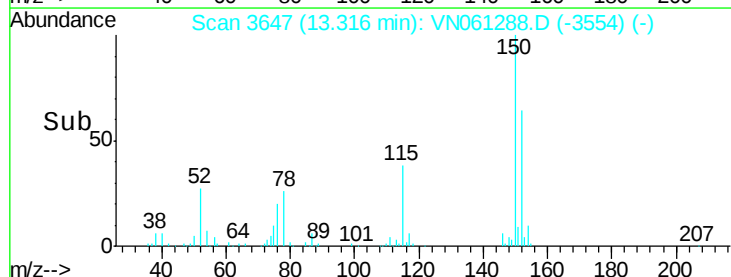
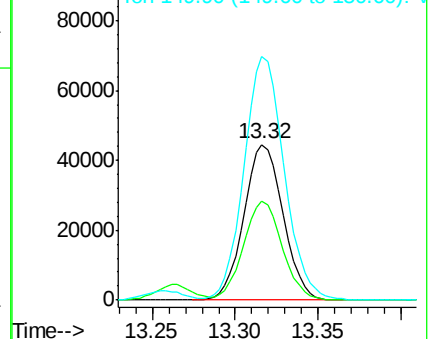
152 100

115 63.1 31.0 93.0

150 161.4 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: 19.101 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

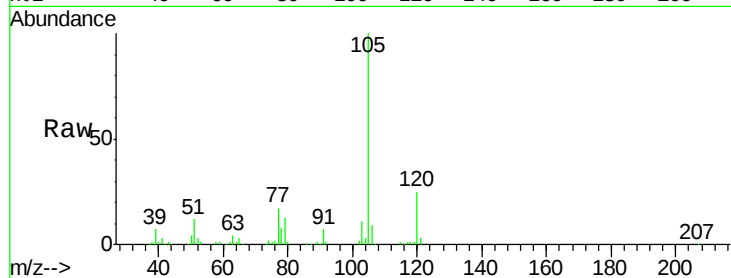
ClientSampleId :

Tot Ion:105 Resp: 102529

Ion Ratio Lower Upper

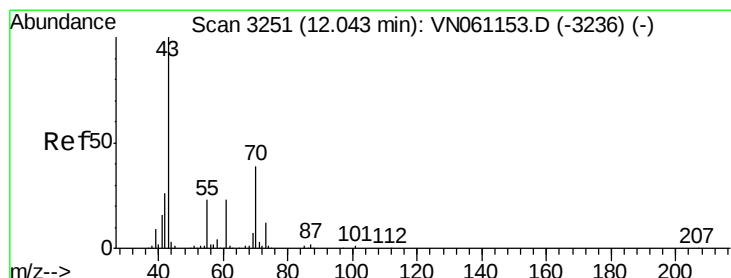
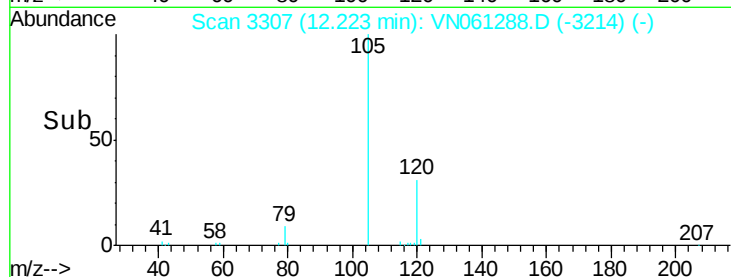
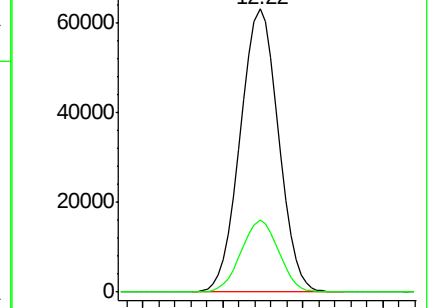
105 100

120 25.1 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: 18.928 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion: 43 Resp: 51449

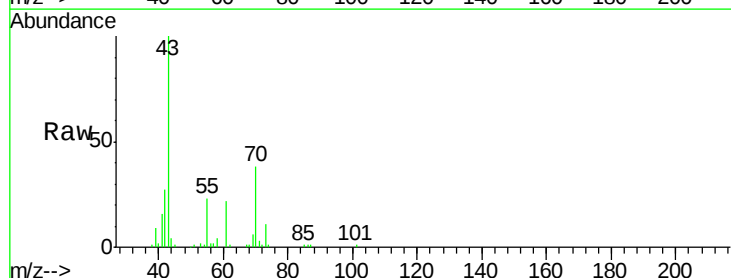
Ion Ratio Lower Upper

43 100

70 37.5 30.6 46.0

55 23.2 18.5 27.7

61 21.5 17.9 26.9

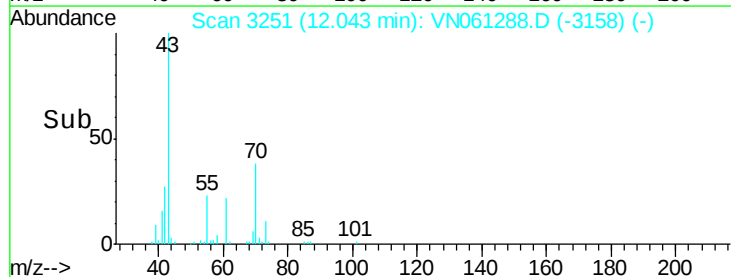
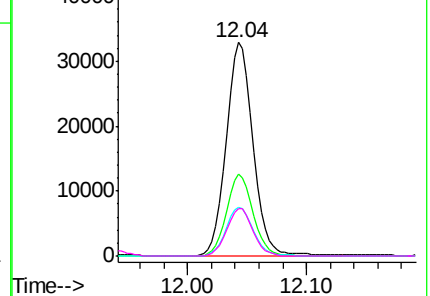


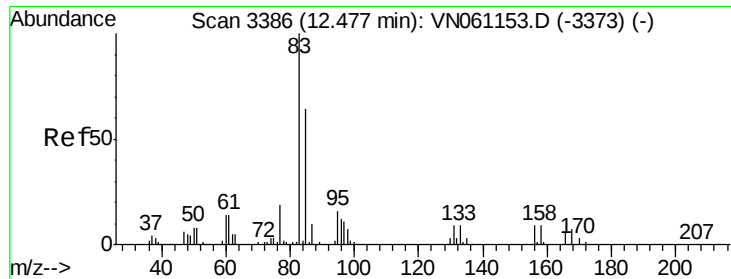
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.016 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

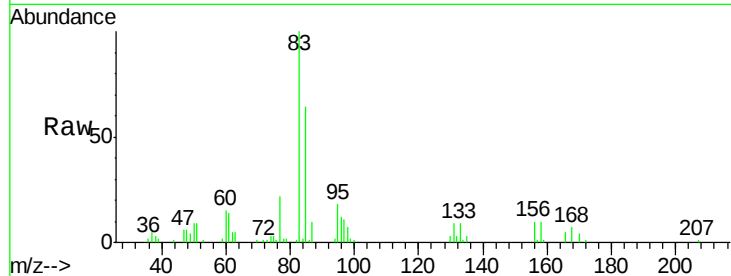
Tot Ion: 83 Resp: 33502

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

85 64.8 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

25000

20000

15000

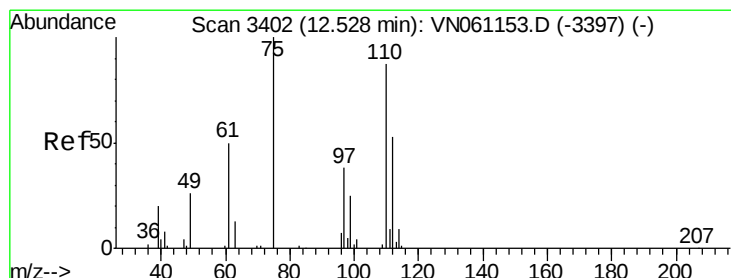
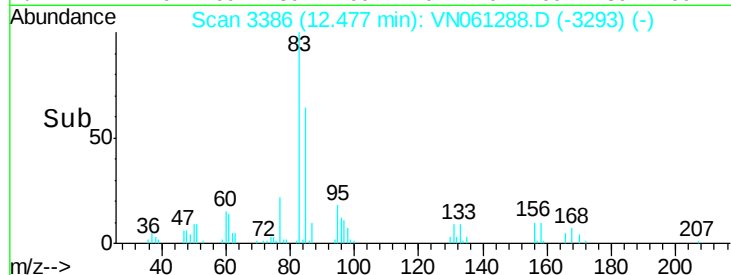
10000

5000

0

Time--> 12.40 12.45 12.50

12.48



#76

1,2,3-Trichloropropane

Concen: 29.570 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061288.D

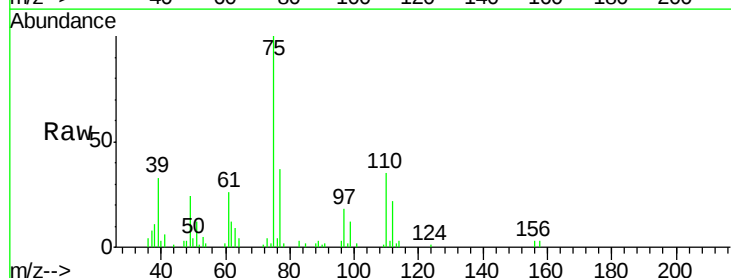
Acq: 5 May 2020 13:45

Tgt Ion: 75 Resp: 45520

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

30000

25000

20000

15000

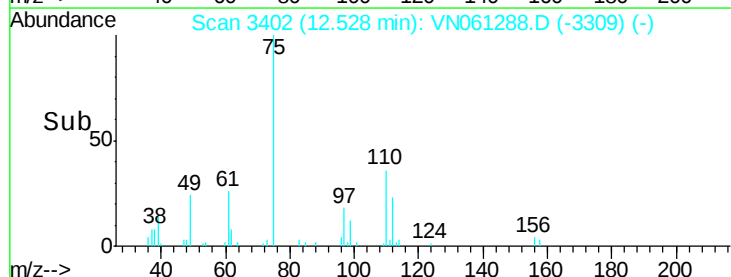
10000

5000

0

Time--> 12.50 12.60

12.53





#77

Bromobenzene

Concen: 19.357 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

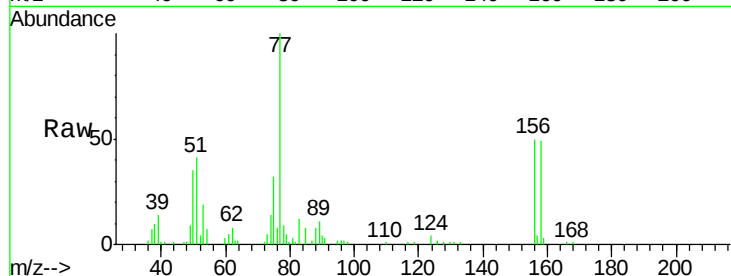
Tot Ion:156 Resp: 23986

Ion Ratio Lower Upper

156 100

77 240.0 117.4 352.2

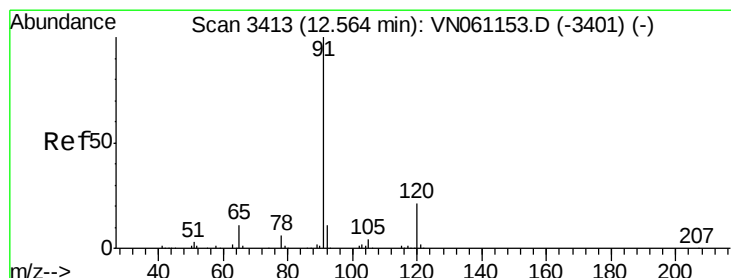
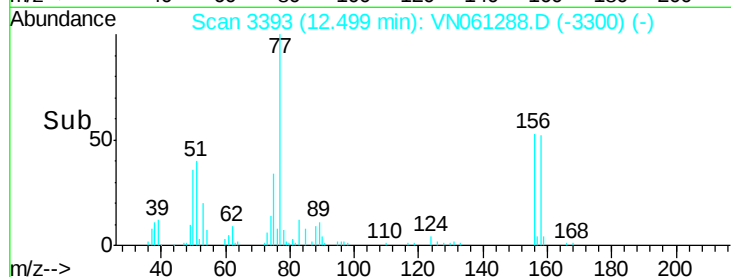
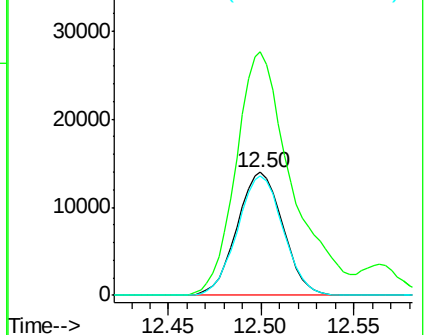
158 96.6 48.4 145.0



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: 19.292 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061288.D

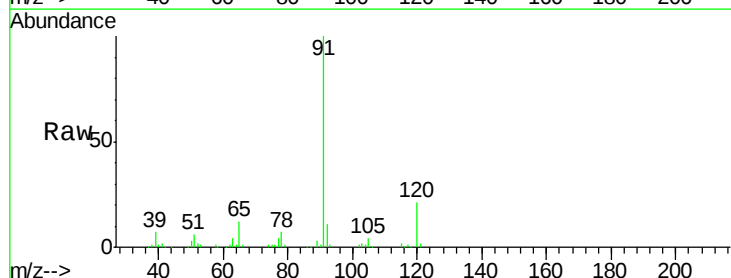
Acq: 5 May 2020 13:45

Tgt Ion: 91 Resp: 122828

Ion Ratio Lower Upper

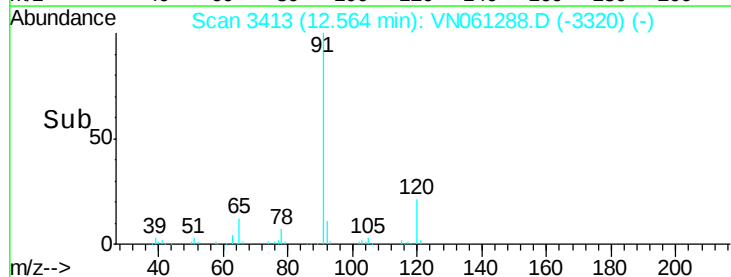
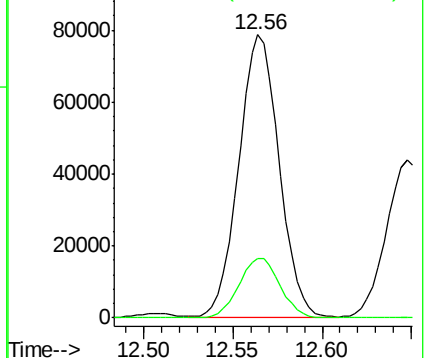
91 100

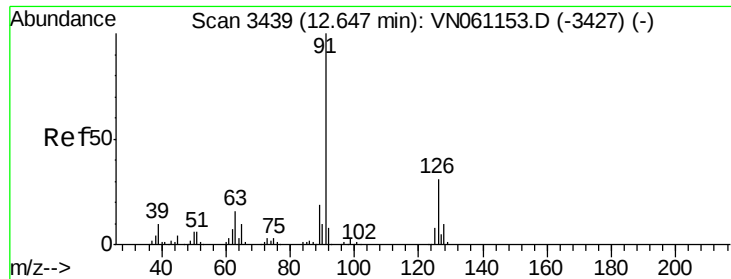
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

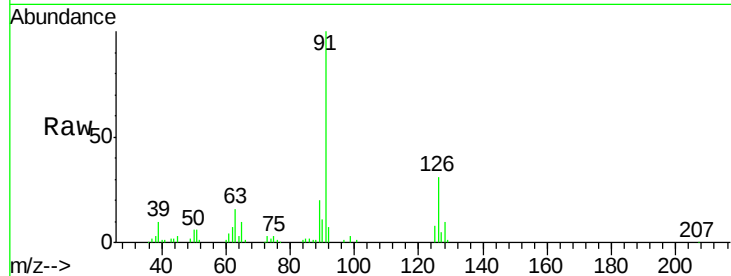




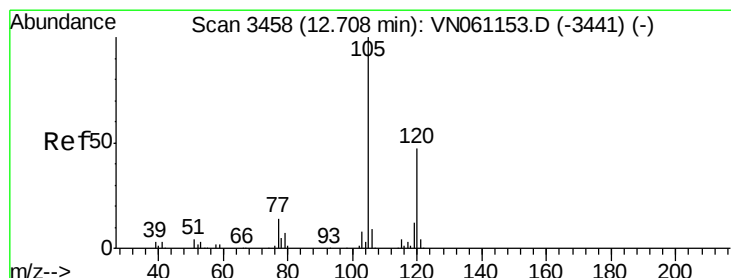
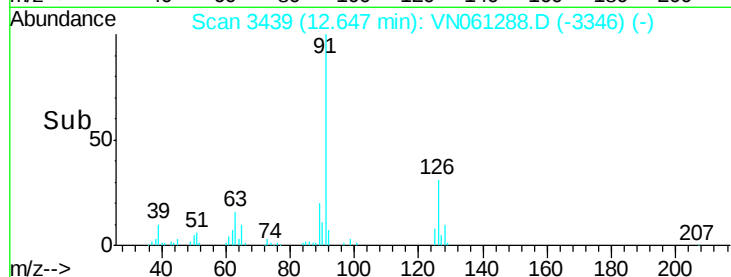
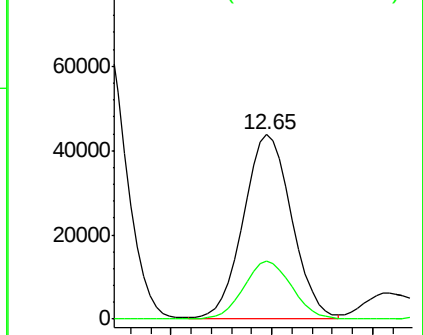
#79
 2-Chlorotoluene
 Concen: 19.484 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 72913
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7

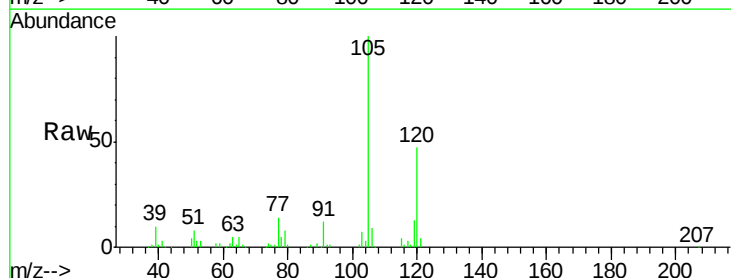


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

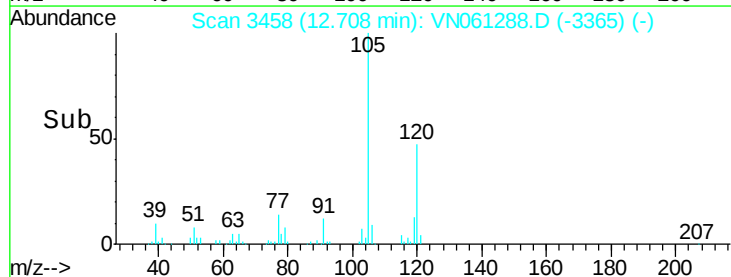
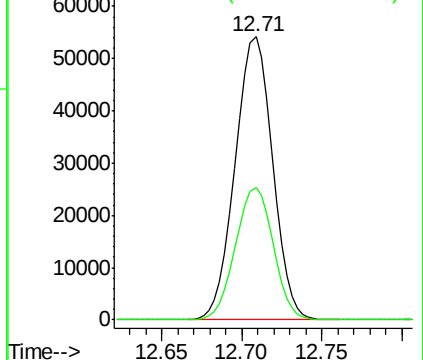


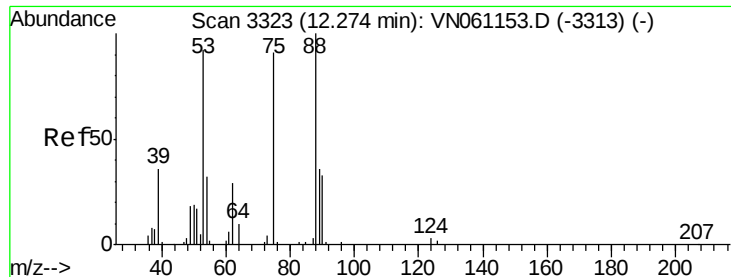
#80
 1,3,5-Trimethylbenzene
 Concen: 19.429 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 105 Resp: 86317
 Ion Ratio Lower Upper
 105 100
 120 47.2 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: 19.115 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

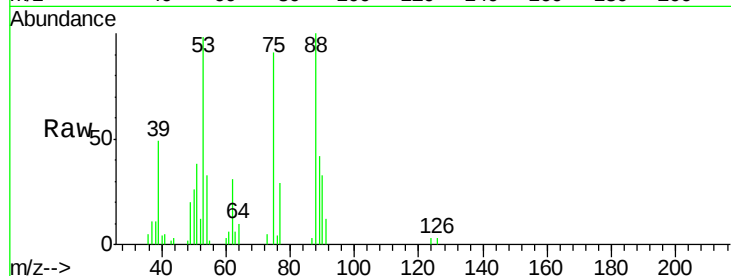
Tot Ion: 75 Resp: 11587

Ion Ratio Lower Upper

75 100

53 110.1 84.1 126.1

89 43.4 35.2 52.8



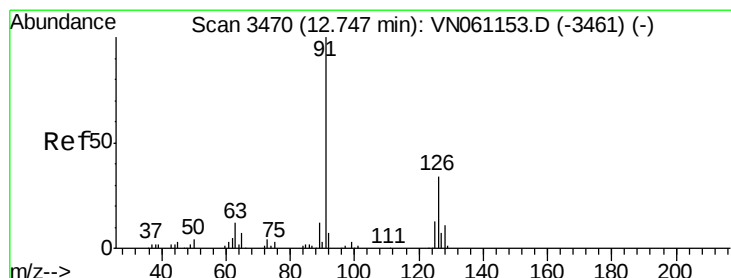
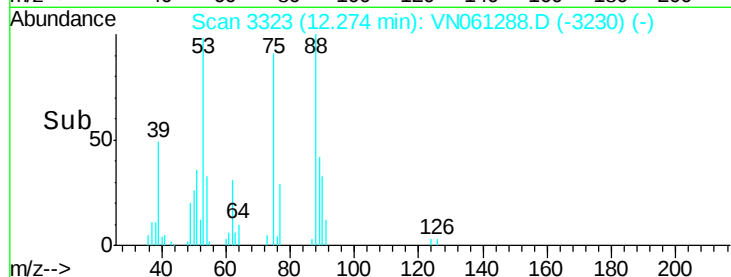
Abundance Ion 74.90 (74.60 to 75.60): VN061288.D (-3230) (-)

Ion 53.00 (52.70 to 53.70): VN061288.D (-3230) (-)

Ion 88.90 (88.60 to 89.60): VN061288.D (-3230) (-)

12.27

Time-->



#82

4-Chlorotoluene

Concen: 19.406 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061288.D

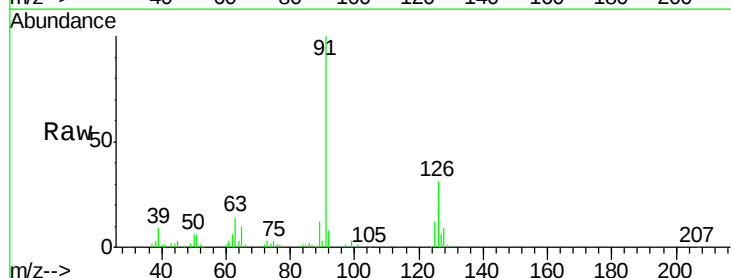
Acq: 5 May 2020 13:45

Tgt Ion: 91 Resp: 76541

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.1

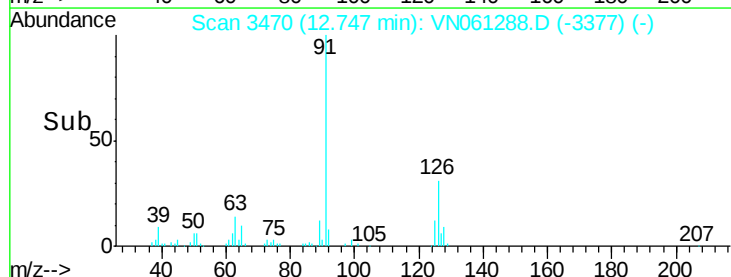


Abundance Ion 91.00 (90.70 to 91.70): VN061288.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN061288.D (-3377) (-)

12.75

Time-->

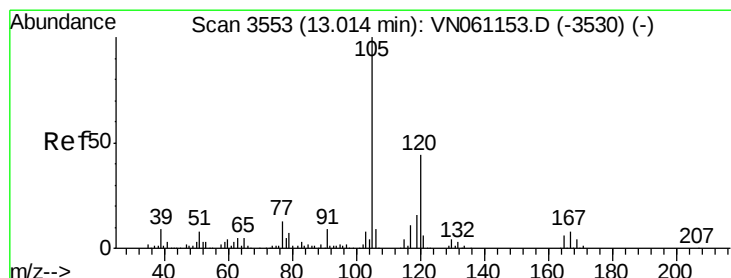
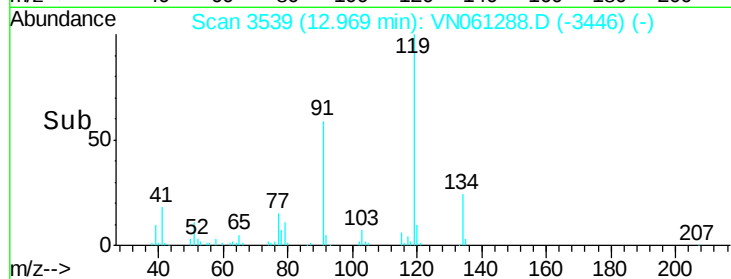
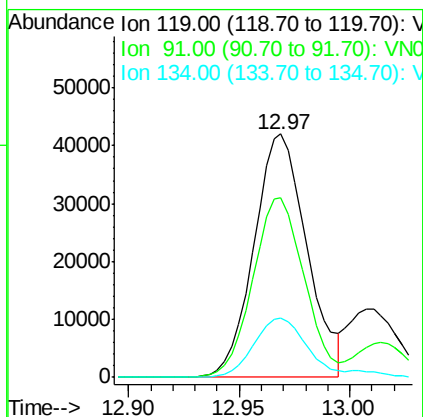
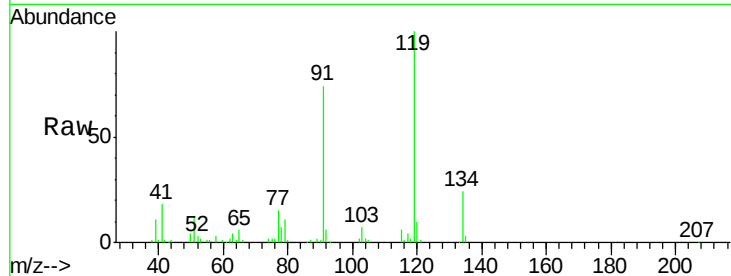




#83
 tert-Butylbenzene
 Concen: 18.689 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

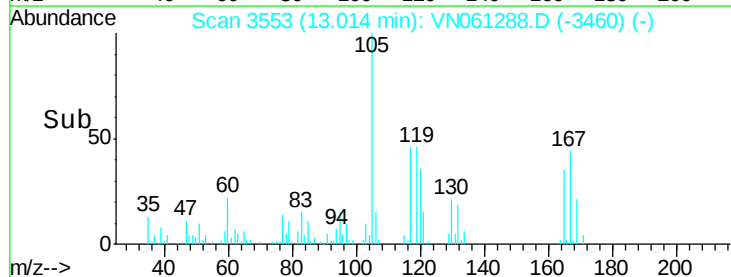
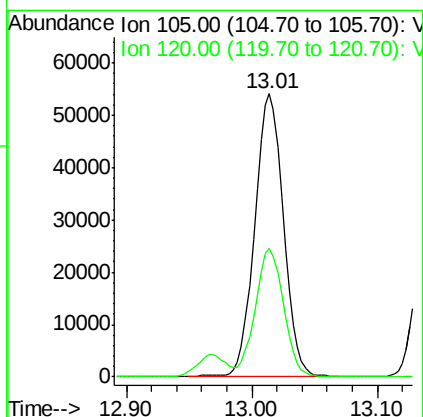
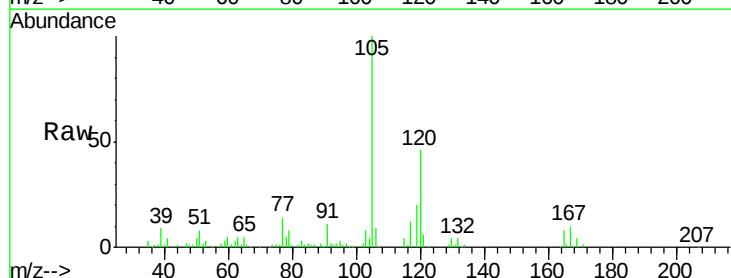
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 70010
 Ion Ratio Lower Upper
 119 100
 91 71.4 34.8 104.4
 134 24.3 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.861 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion:105 Resp: 86333
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.841 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

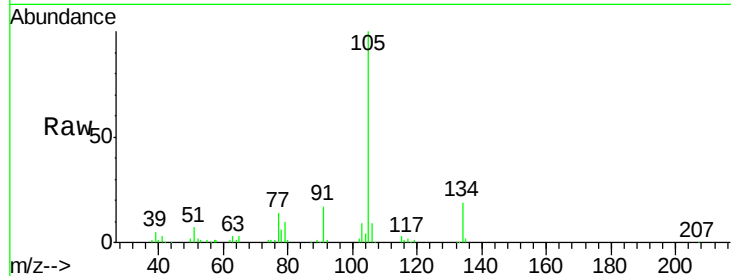
ClientSampleId :

Tot Ion:105 Resp: 96229

Ion Ratio Lower Upper

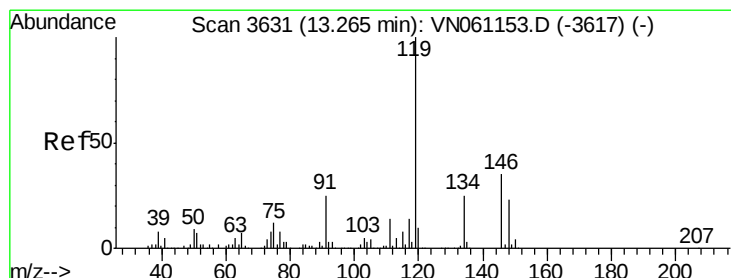
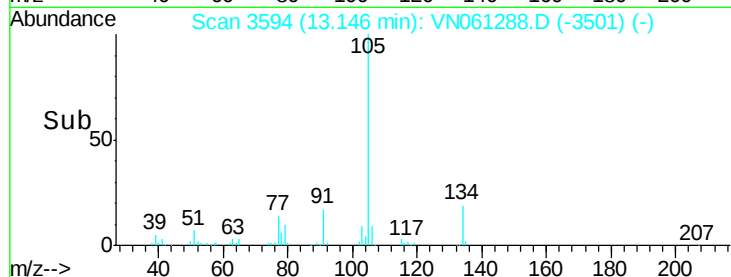
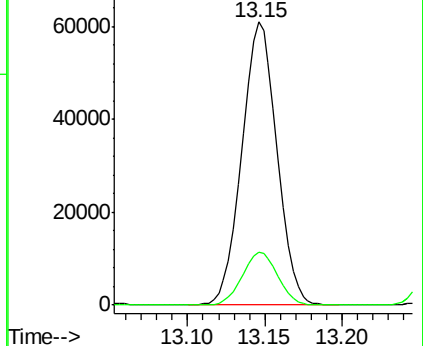
105 100

134 18.7 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.810 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

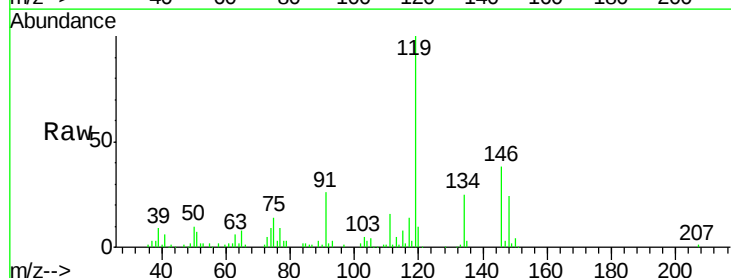
Tgt Ion:119 Resp: 86560

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.6

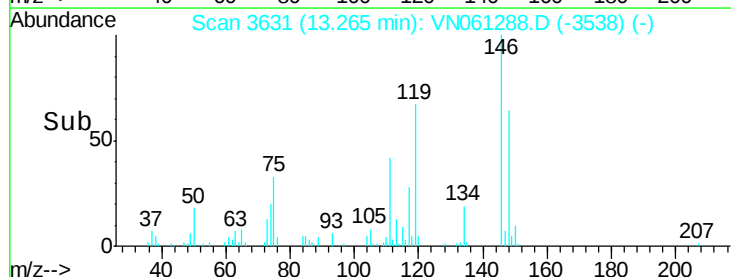
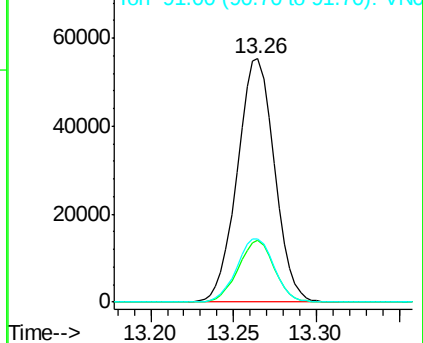
91 26.1 12.7 38.0

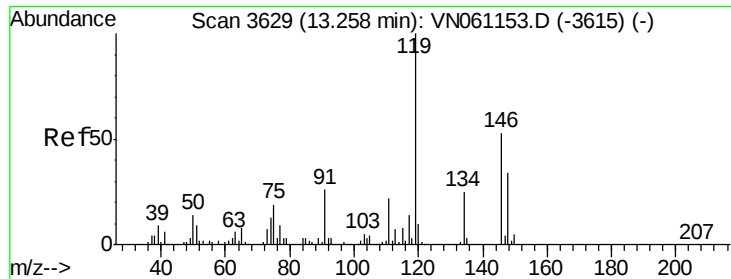


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

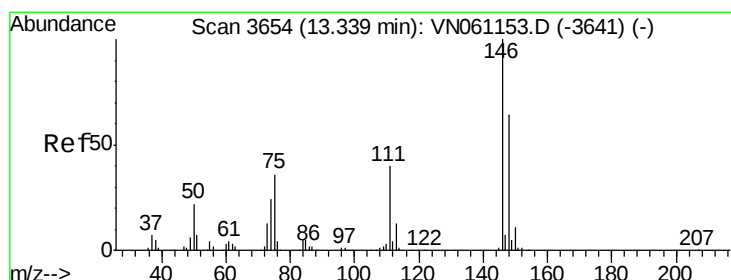
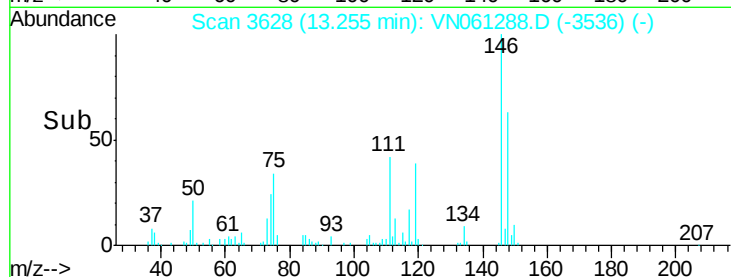
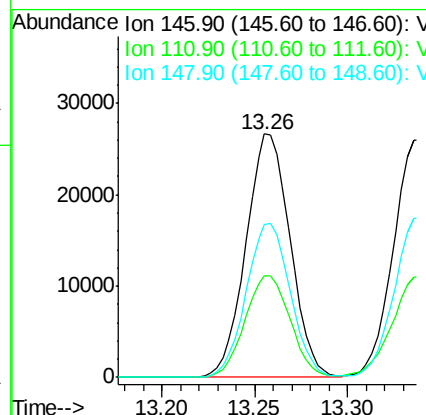
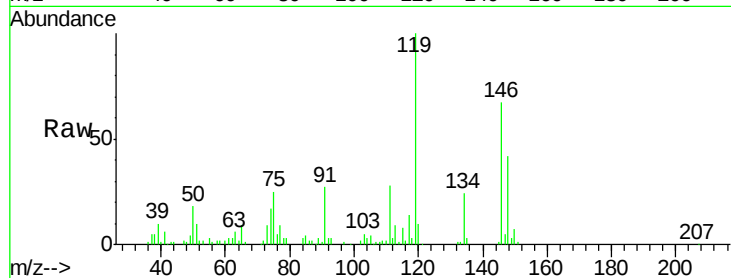




#87
 1,3-Dichlorobenzene
 Concen: 19.319 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

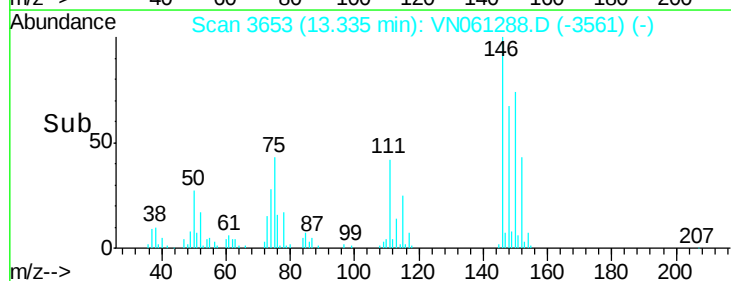
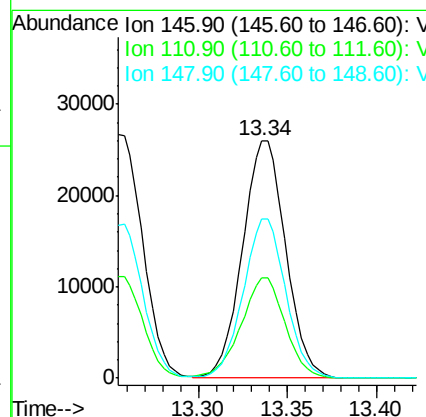
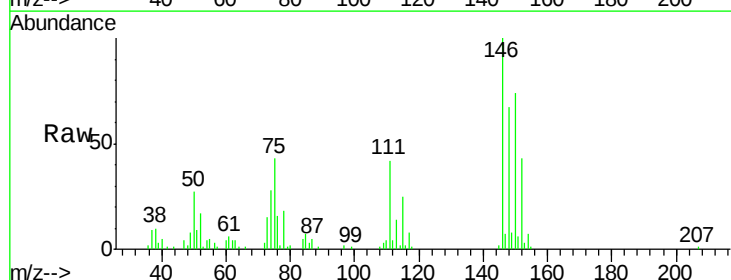
Instrument :
 MSVOA_N
 ClientSampleId :

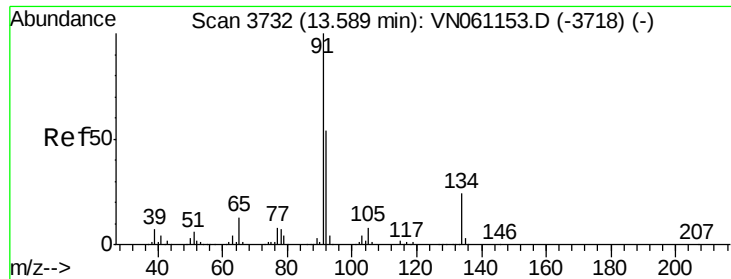
Tot Ion:146 Resp: 44070
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.7 62.1
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.901 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion:146 Resp: 44053
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.4 61.3
 148 66.0 31.9 95.7





#89

n-Butylbenzene

Concen: 18.669 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

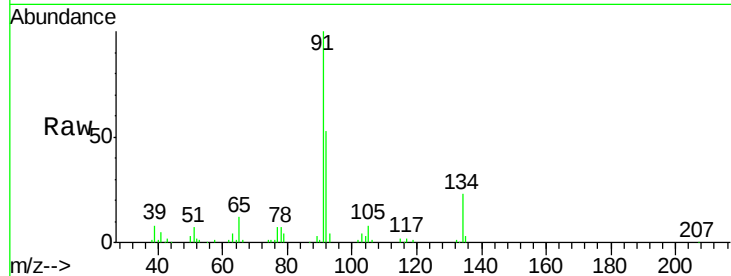
Tot Ion: 91 Resp: 78758

Ion Ratio Lower Upper

91 100

92 52.3 26.8 80.3

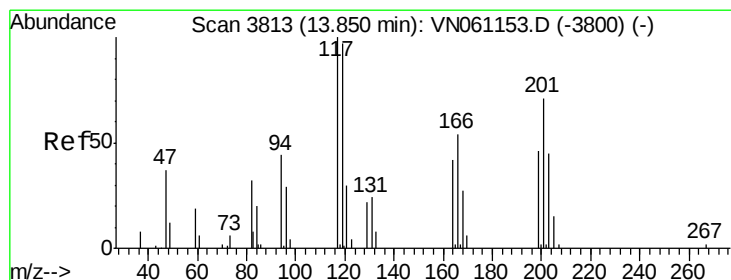
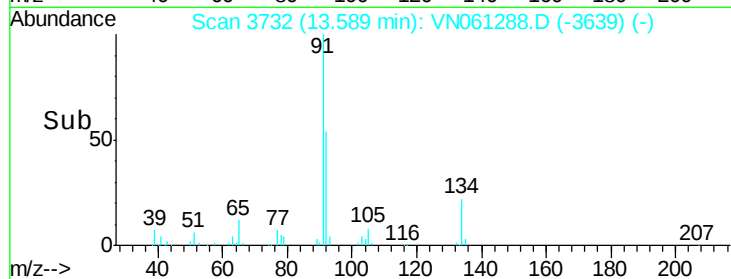
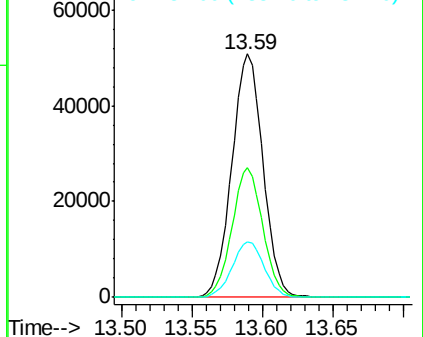
134 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN061288.D (-3639) (-)

Ion 92.00 (91.70 to 92.70): VN061288.D (-3639) (-)

Ion 134.00 (133.70 to 134.70): VN061288.D (-3639) (-)



#90

Hexachloroethane

Concen: 25.538 ug/l

RT: 13.85 min Scan# 3812

Delta R.T. -0.00 min

Lab File: VN061288.D

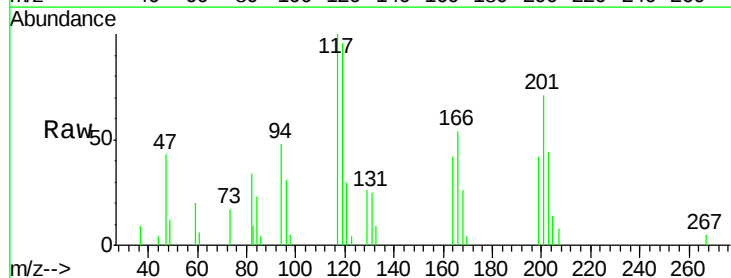
Acq: 5 May 2020 13:45

Tgt Ion: 117 Resp: 10145

Ion Ratio Lower Upper

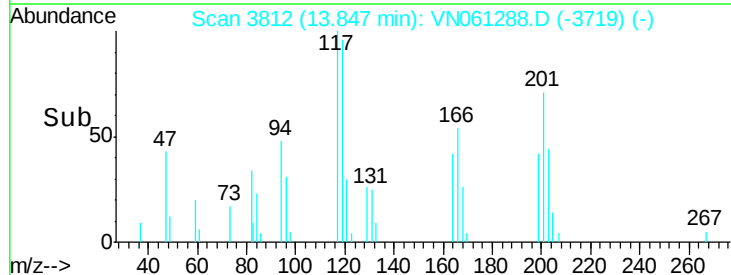
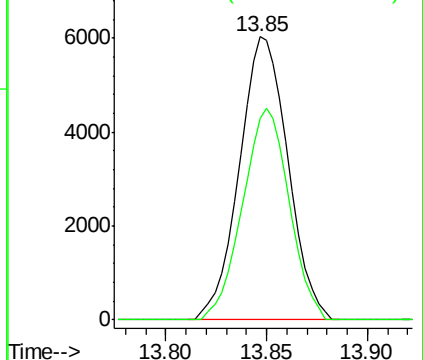
117 100

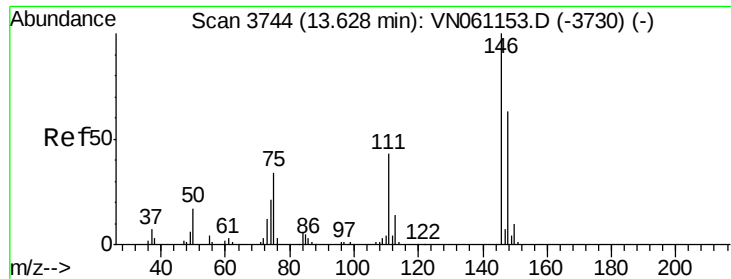
201 71.7 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061288.D (-3719) (-)

Ion 200.70 (200.40 to 201.40): VN061288.D (-3719) (-)

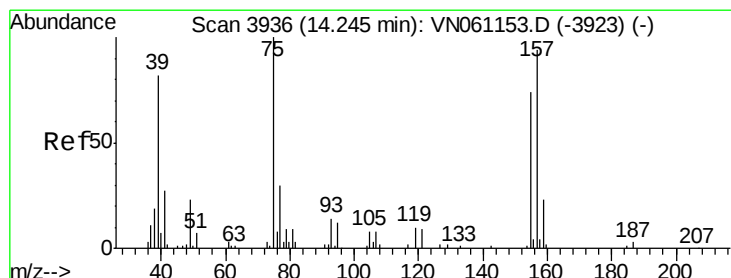
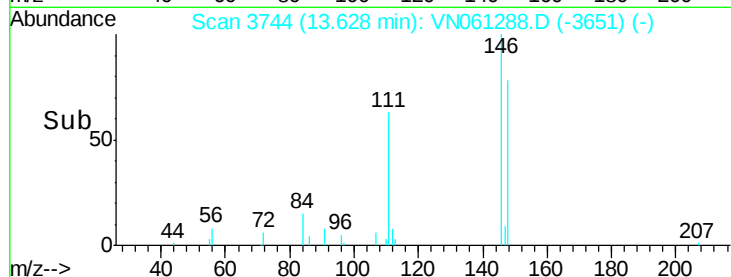
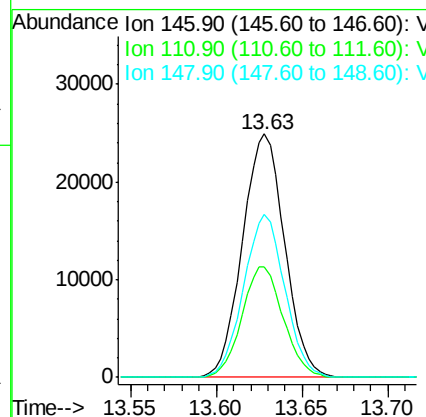
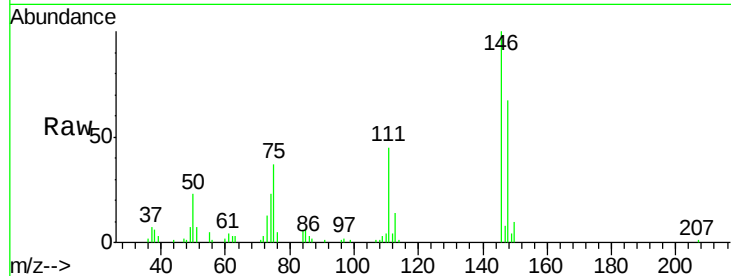




#91
 1,2-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

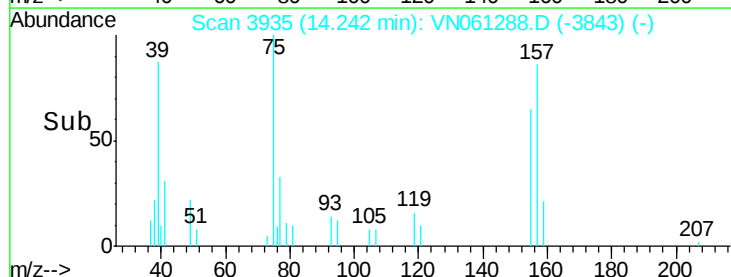
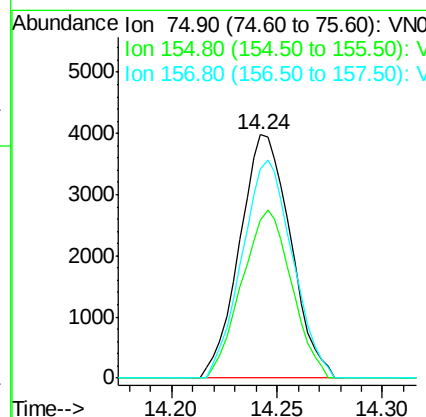
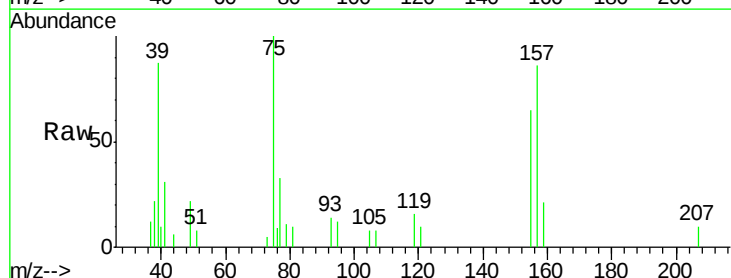
Instrument :
 MSVOA_N
 ClientSampleId :

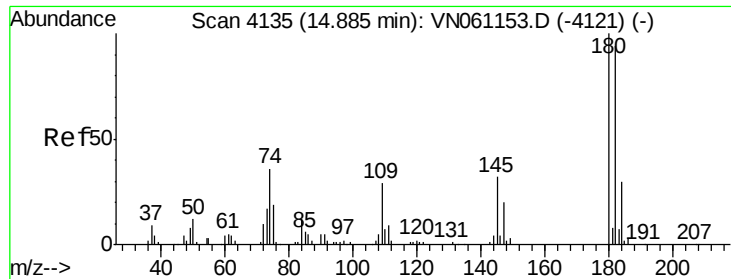
Tot Ion:146 Resp: 42432
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 65.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.908 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 75 Resp: 6684
 Ion Ratio Lower Upper
 75 100
 155 67.1 36.5 109.7
 157 88.9 46.6 139.7

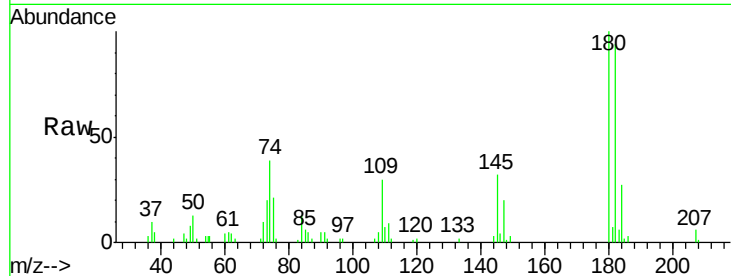




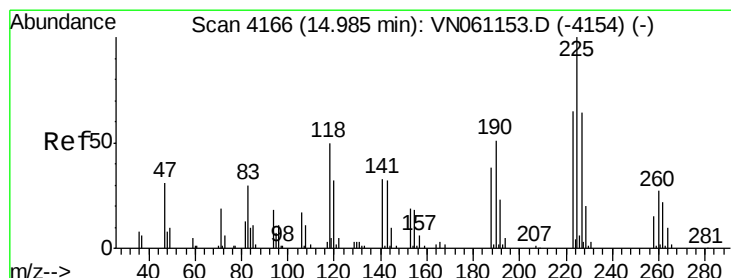
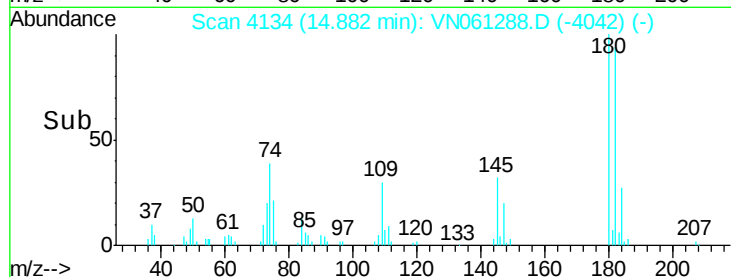
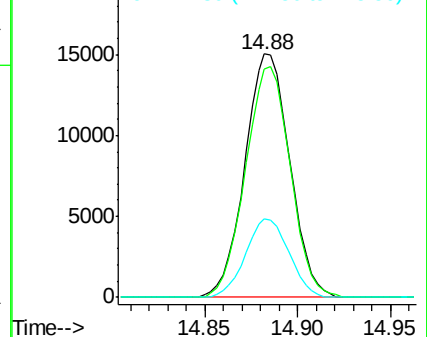
#93
 1,2,4-Trichlorobenzene
 Concen: 18.946 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	31.1	16.0	47.9

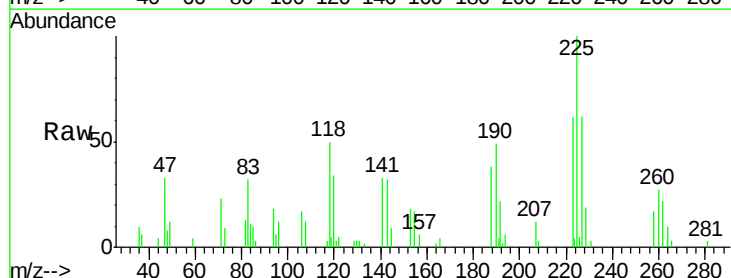


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

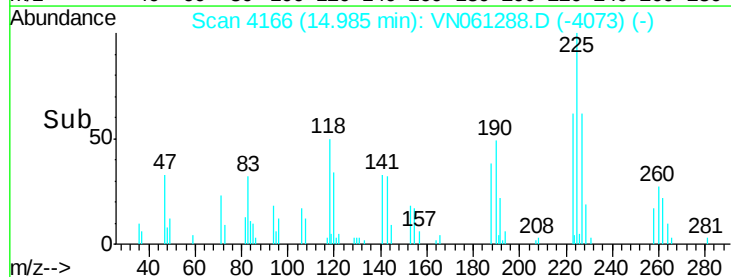
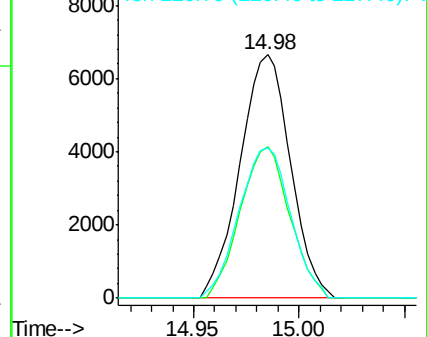


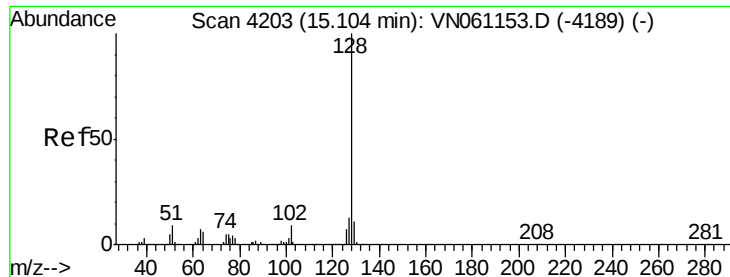
#94
 Hexachlorobutadiene
 Concen: 19.891 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.4	97.0
227	63.1	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

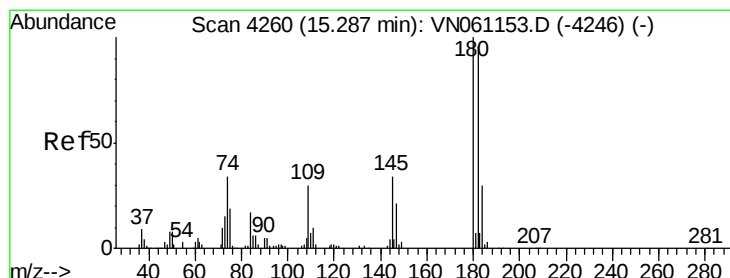
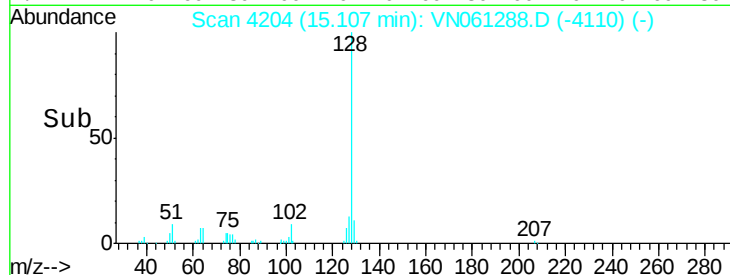
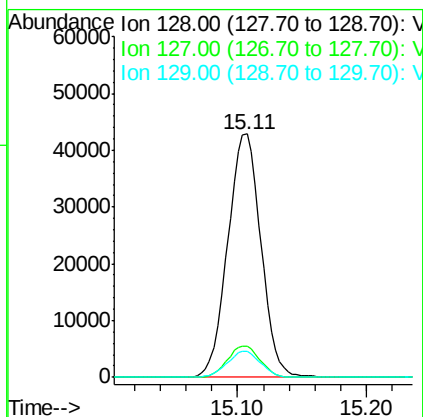
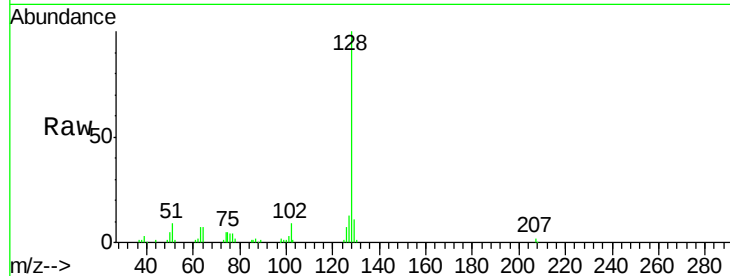




#95
Naphthalene
Concen: 17.585 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 76278
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.493 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:180 Resp: 24319
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 34.0 16.9 50.7

