

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061350.D
 Acq On : 8 May 2020 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:06:56 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	103710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	174809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	163567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79858	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	89121	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	
35) Dibromofluoromethane	7.54	113	48277	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
50) Toluene-d8	10.06	98	234812	55.72	ug/l	0.00
Spiked Amount			Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.38	95	89802	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	54349	49.419	ug/l	99
3) Chloromethane	2.03	50	70877	53.213	ug/l	99
4) Vinyl Chloride	2.16	62	79124	52.302	ug/l	99
5) Bromomethane	2.53	94	32700	43.728	ug/l	97
6) Chloroethane	2.67	64	48308	50.379	ug/l	99
7) Trichlorofluoromethane	2.98	101	101838	59.666	ug/l	100
8) Diethyl Ether	3.37	74	41069	57.687	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	60009	54.575	ug/l	99
10) Methyl Iodide	3.91	142	58793	41.605	ug/l	99
11) Tert butyl alcohol	4.72	59	59401	270.218	ug/l	100
12) 1,1-Dichloroethene	3.69	96	54925	50.195	ug/l	97
13) Acrolein	3.56	56	31698	216.379	ug/l	96
14) Allyl chloride	4.27	41	122299	60.279	ug/l	99
15) Acrylonitrile	4.92	53	186664	276.618	ug/l	99
16) Acetone	3.77	43	198846	314.743	ug/l	99
17) Carbon Disulfide	4.00	76	109154	36.112	ug/l	100
18) Methyl Acetate	4.27	43	102778	49.621	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	222421	53.196	ug/l	99
20) Methylene Chloride	4.50	84	66242	51.768	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	60738	50.976	ug/l	98
22) Diisopropyl ether	5.90	45	260826	55.438	ug/l	97
23) Vinyl Acetate	5.84	43	1044914	275.831	ug/l	100
24) 1,1-Dichloroethane	5.79	63	131355	53.436	ug/l	99
25) 2-Butanone	6.78	43	282934	291.372	ug/l	98
26) 2,2-Dichloropropane	6.77	77	116370	56.204	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	72914	52.146	ug/l	97
28) Bromochloromethane	7.15	49	65512	56.227	ug/l	96
29) Tetrahydrofuran	7.16	42	176346	269.596	ug/l	99
30) Chloroform	7.32	83	128954	51.766	ug/l	98
31) Cyclohexane	7.61	56	109015	45.665	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	110855	51.103	ug/l	99
36) 1,1-Dichloropropene	7.75	75	94786	54.166	ug/l	99
37) Ethyl Acetate	6.88	43	115073	56.092	ug/l	99
38) Carbon Tetrachloride	7.73	117	86687	54.098	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061350.D
 Acq On : 8 May 2020 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:06:56 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)
39) Methylcyclohexane	9.04	83	94497	48.152	ug/l	97
40) Benzene	8.00	78	275024	52.753	ug/l	100
41) Methacrylonitrile	7.12	41	45927	53.919	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109957	55.673	ug/l	99
43) Isopropyl Acetate	8.12	43	188650	55.409	ug/l	99
44) Trichloroethene	8.80	130	69705	49.459	ug/l	99
45) 1,2-Dichloropropane	9.08	63	76782	55.127	ug/l	97
46) Dibromomethane	9.17	93	46991	54.489	ug/l	99
47) Bromodichloromethane	9.37	83	104420	56.412	ug/l	97
48) Methyl methacrylate	9.16	41	87254	56.792	ug/l	97
49) 1,4-Dioxane	9.16	88	18081	1036.775	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	574587	286.713	ug/l	99
52) Toluene	10.12	92	170476	54.288	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116826	56.012	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	123546	56.029	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	67534	53.918	ug/l	99
56) Ethyl methacrylate	10.40	69	111485	51.019	ug/l	98
57) 1,3-Dichloropropane	10.68	76	123134	55.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	263560	259.956	ug/l	99
59) 2-Hexanone	10.72	43	434556	298.053	ug/l	100
60) Dibromochloromethane	10.87	129	73269	55.852	ug/l	99
61) 1,2-Dibromoethane	10.98	107	68202	54.326	ug/l	99
64) Tetrachloroethene	10.60	164	67268	47.483	ug/l	99
65) Chlorobenzene	11.41	112	174224	53.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	66683	57.422	ug/l	99
67) Ethyl Benzene	11.48	91	333334	54.880	ug/l	99
68) m/p-Xylenes	11.60	106	243730	109.629	ug/l	98
69) o-Xylene	11.92	106	114691	53.706	ug/l	97
70) Styrene	11.94	104	202404	56.628	ug/l	99
71) Bromoform	12.10	173	50068	58.663	ug/l #	99
73) Isopropylbenzene	12.22	105	316891	53.978	ug/l	100
74) N-amyl acetate	12.04	43	165039	55.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	100117	54.692	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	141032	83.767	ug/l #	100
77) Bromobenzene	12.50	156	73072	53.919	ug/l	97
78) n-propylbenzene	12.57	91	381475	54.783	ug/l	99
79) 2-Chlorotoluene	12.65	91	223664	54.647	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	267447	55.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	37925	57.204	ug/l	99
82) 4-Chlorotoluene	12.75	91	239590	55.541	ug/l	99
83) tert-Butylbenzene	12.97	119	217192	53.011	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	269660	53.867	ug/l	100
85) sec-Butylbenzene	13.15	105	295408	52.884	ug/l	99
86) p-Isopropyltoluene	13.26	119	270782	53.803	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135225	54.201	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136012	53.357	ug/l	99
89) n-Butylbenzene	13.59	91	250992	54.400	ug/l	99
90) Hexachloroethane	13.85	117	36183	66.040	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130056	54.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21332	55.176	ug/l	98

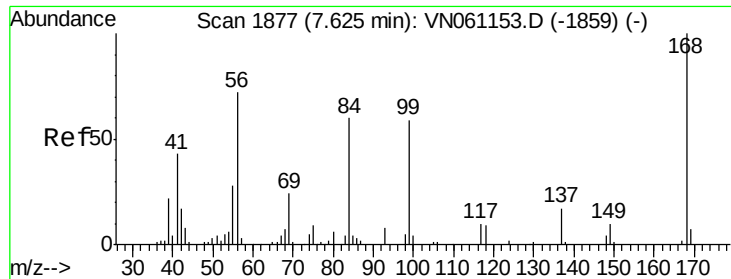
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061350.D
Acq On : 8 May 2020 10:04
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 09 00:06:56 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)
93) 1,2,4-Trichlorobenzene	14.88	180	75500	51.829	ug/l	99
94) Hexachlorobutadiene	14.98	225	33636	55.271	ug/l	99
95) Naphthalene	15.10	128	237670	50.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	73186	50.887	ug/l	99

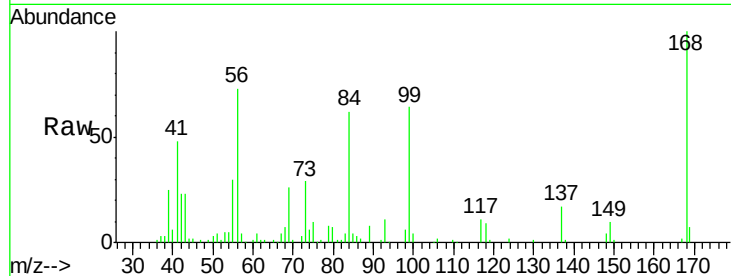
(#) = qualifier out of range (m) = manual integration (+) = signals summed



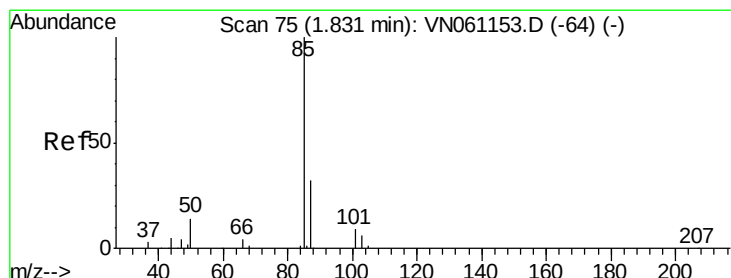
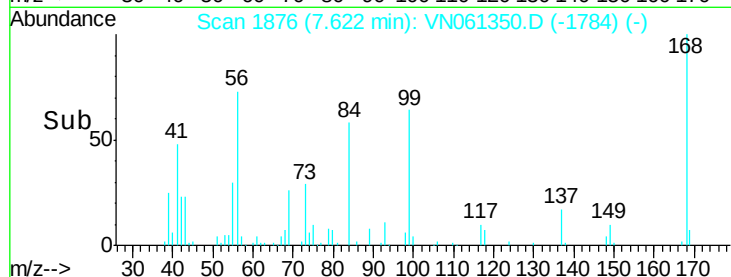
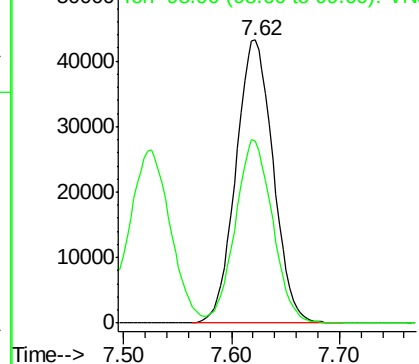
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 103710
Ion Ratio Lower Upper
168 100
99 64.4 51.2 76.8

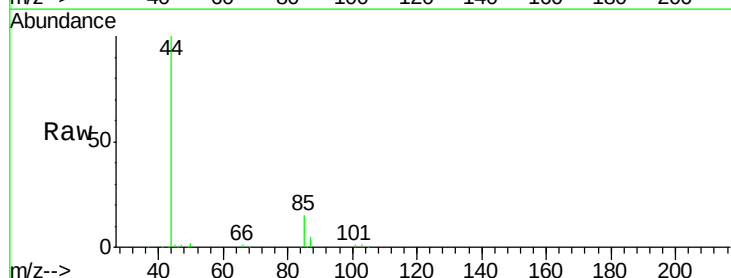


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

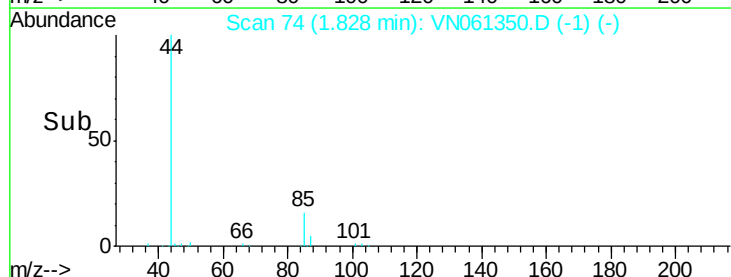
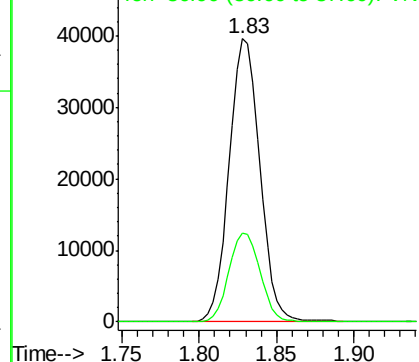


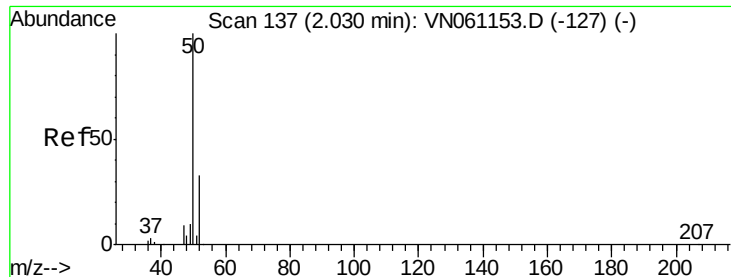
#2
Dichlorodifluoromethane
Concen: 49.419 ug/l
RT: 1.83 min Scan# 74
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 85 Resp: 54349
Ion Ratio Lower Upper
85 100
87 31.5 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: 53.213 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

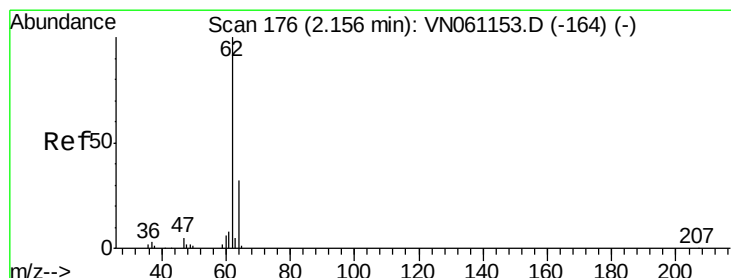
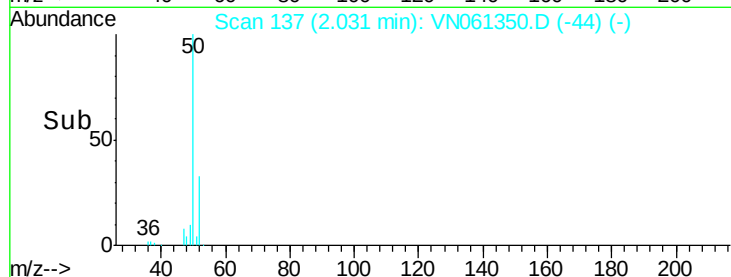
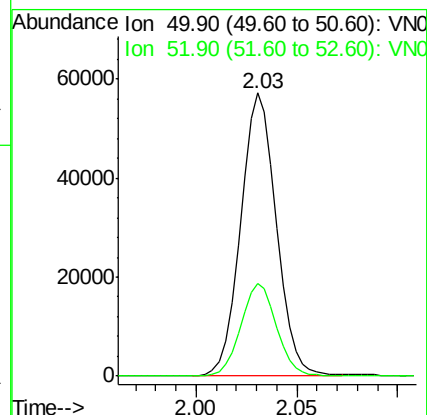
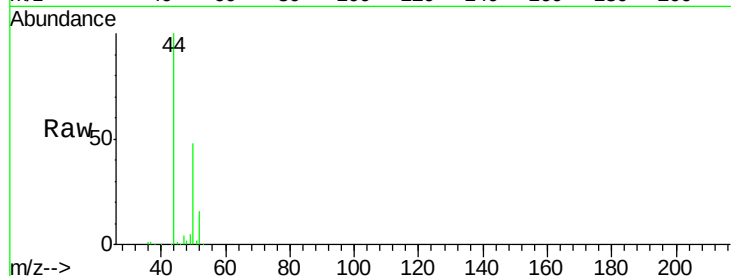
ClientSampleId :

Tot Ion: 50 Resp: 70877

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 52.302 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061350.D

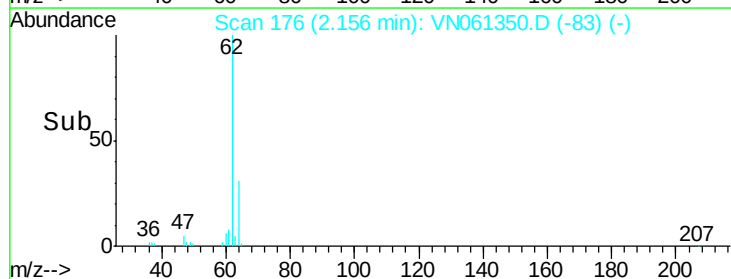
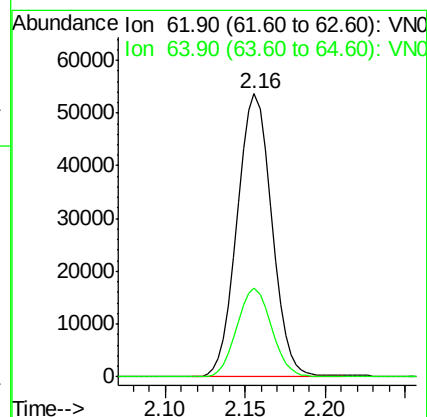
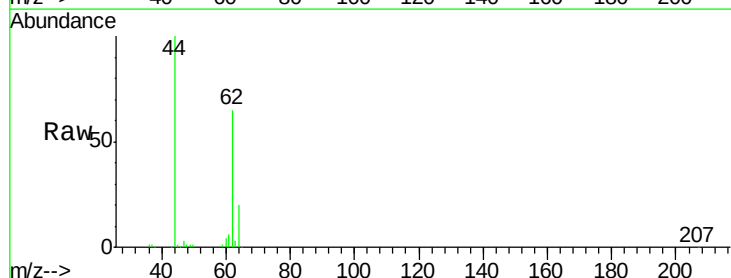
Acq: 8 May 2020 10:04

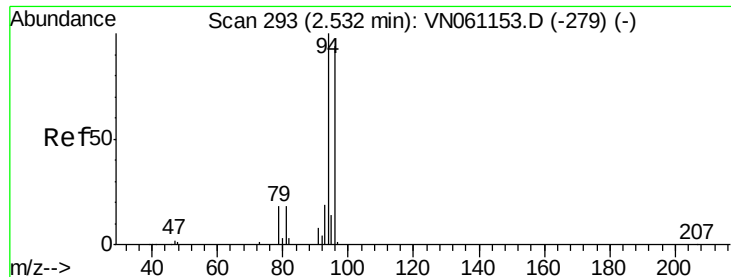
Tgt Ion: 62 Resp: 79124

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 43.728 ug/l

RT: 2.53 min Scan# 291

Delta R.T. -0.01 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

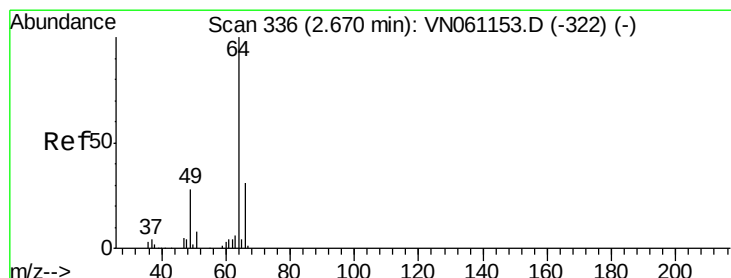
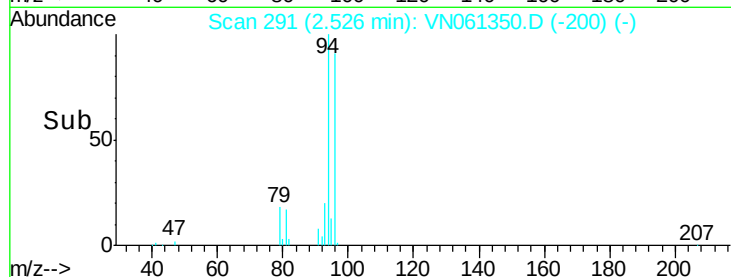
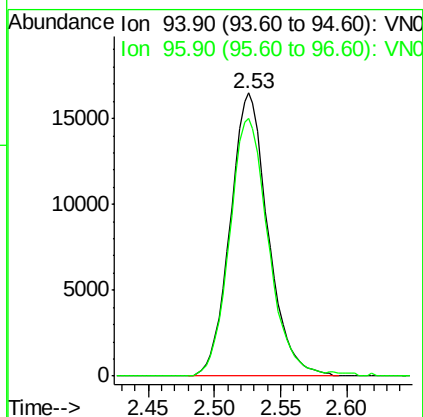
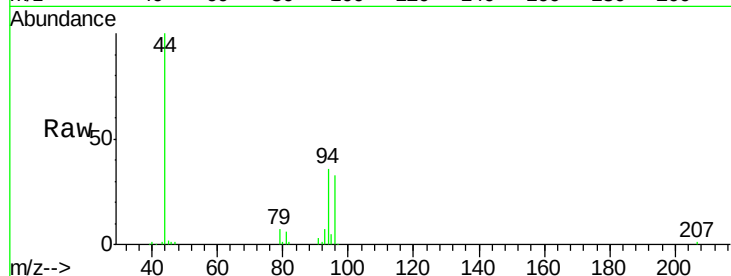
ClientSampled :

Tot Ion: 94 Resp: 32700

Ion Ratio Lower Upper

94 100

96 91.3 75.1 112.7



#6

Chloroethane

Concen: 50.379 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061350.D

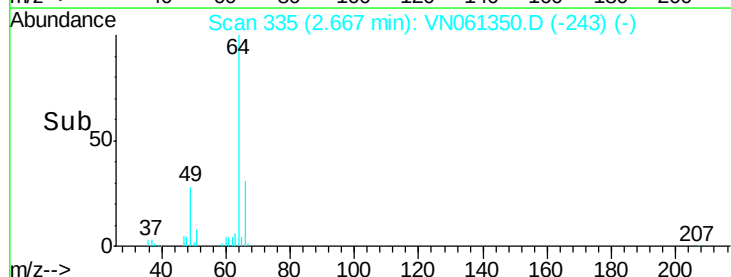
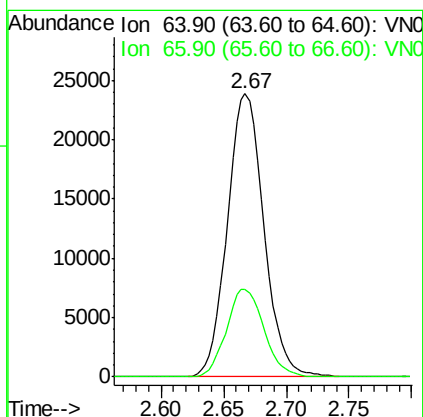
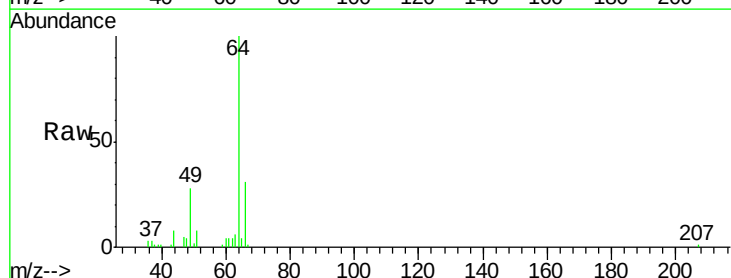
Acq: 8 May 2020 10:04

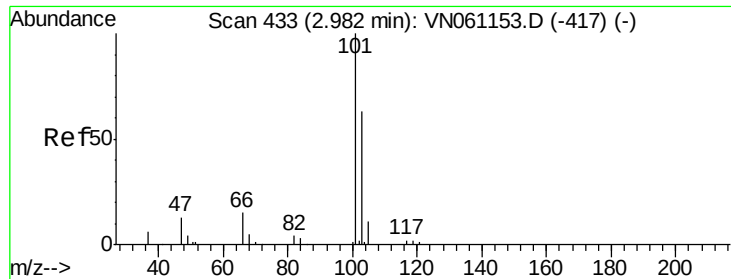
Tgt Ion: 64 Resp: 48308

Ion Ratio Lower Upper

64 100

66 31.0 24.6 36.8



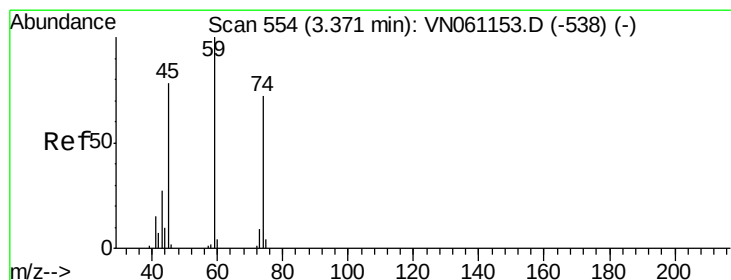
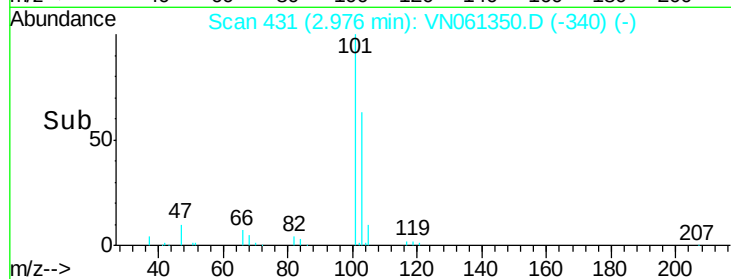
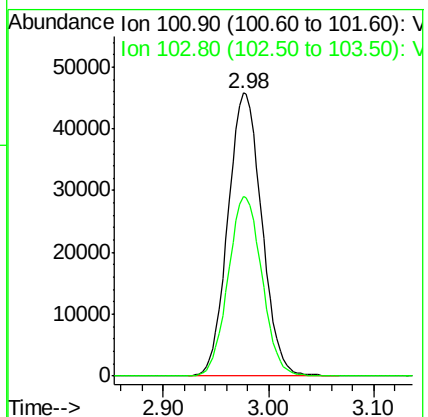
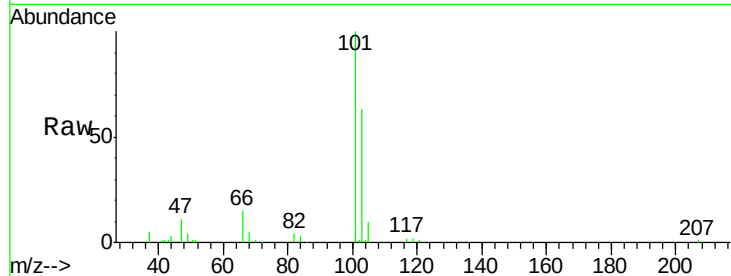


#7

Trichlorofluoromethane
Concen: 59.666 ug/l
RT: 2.98 min Scan# 431
Delta R.T. -0.01 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

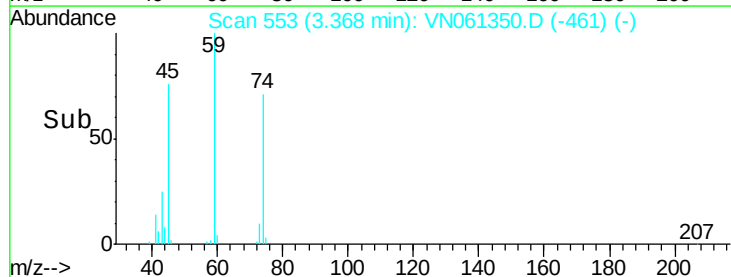
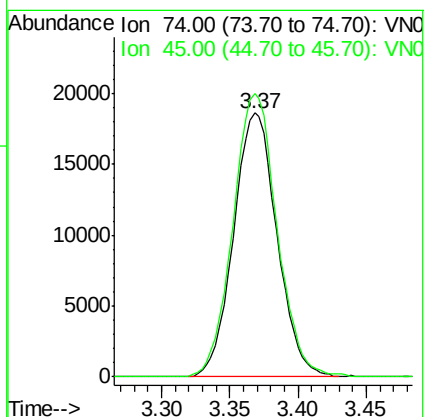
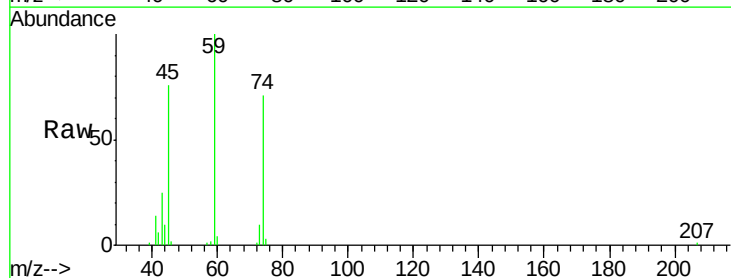
Tot Ion:101 Resp: 101838
Ion Ratio Lower Upper
101 100
103 63.4 50.6 76.0

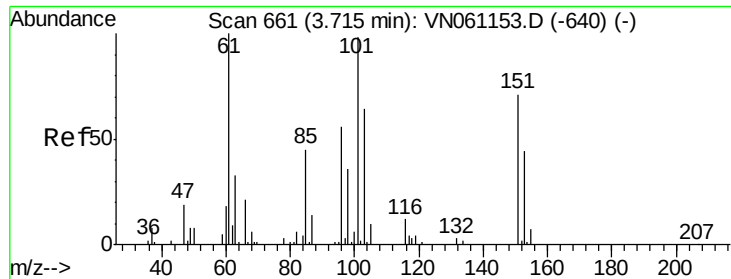


#8

Diethyl Ether
Concen: 57.687 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 74 Resp: 41069
Ion Ratio Lower Upper
74 100
45 109.4 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.575 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampled :

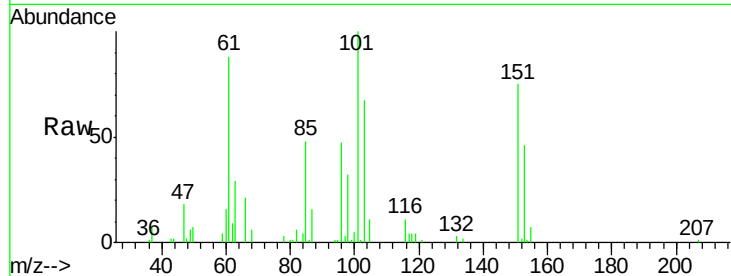
Tot Ion:101 Resp: 60009

Ion Ratio Lower Upper

101 100

85 46.9 37.2 55.8

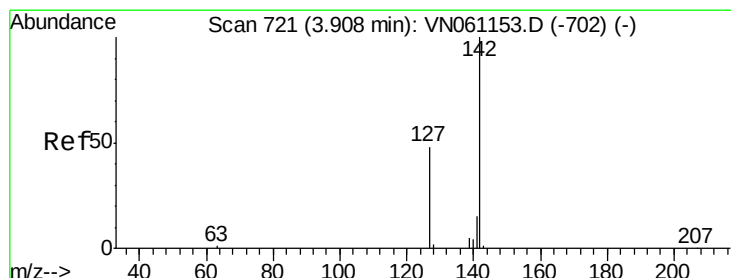
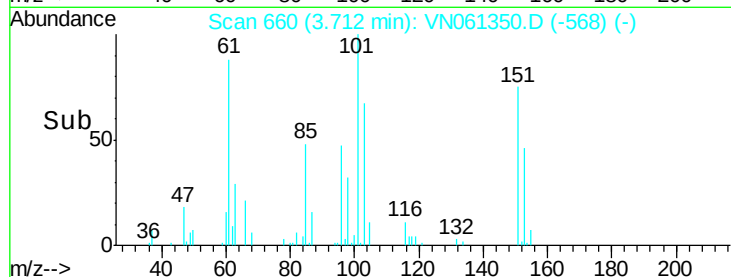
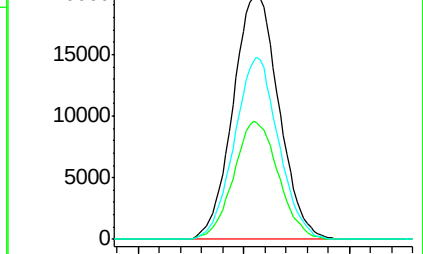
151 71.4 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.605 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

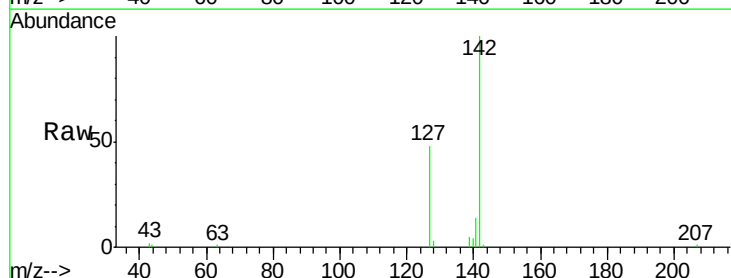
Tgt Ion:142 Resp: 58793

Ion Ratio Lower Upper

142 100

127 48.3 38.0 57.0

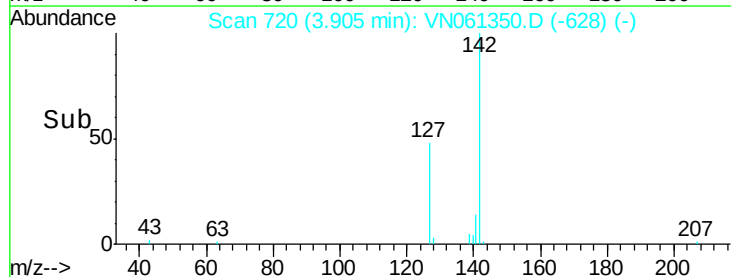
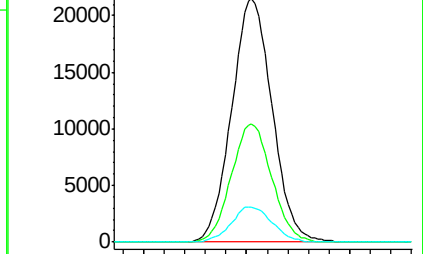
141 14.5 11.7 17.5

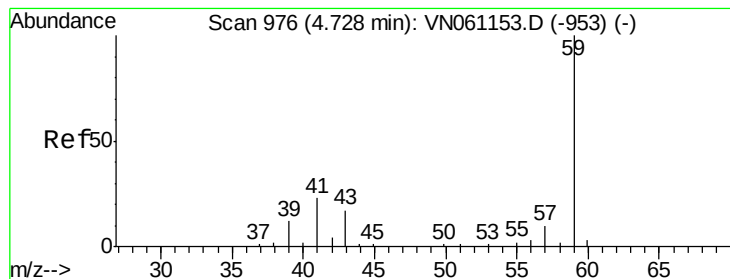


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



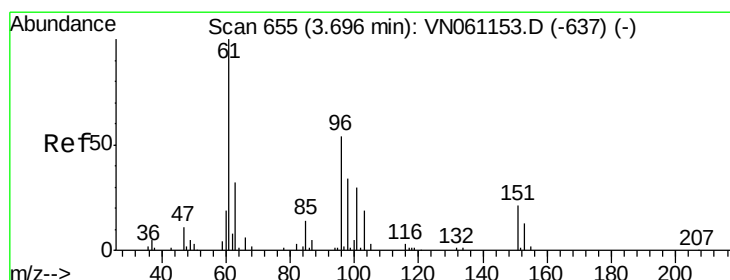
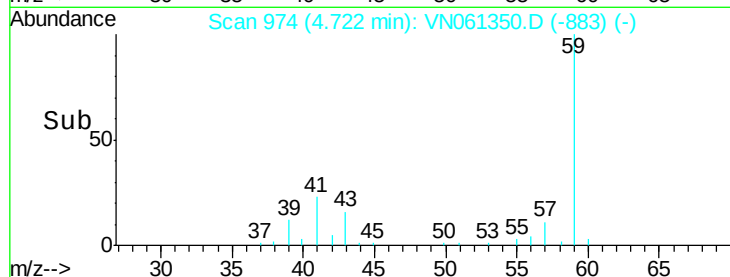
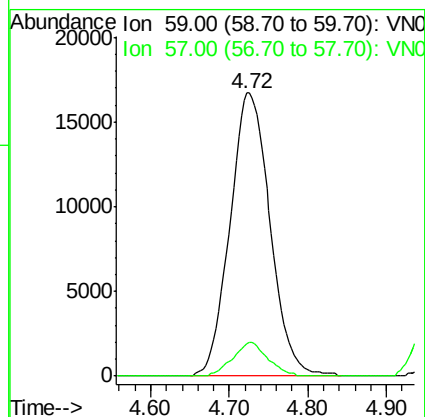
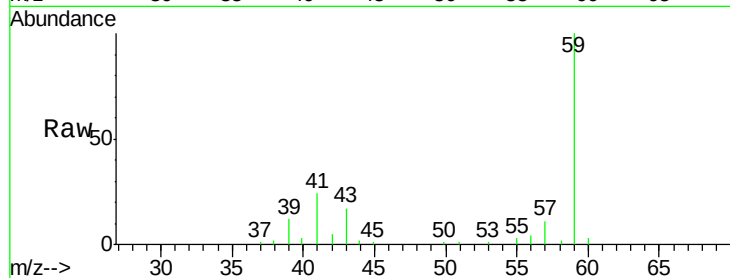


#11

Tert butyl alcohol
Concen: 270.218 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

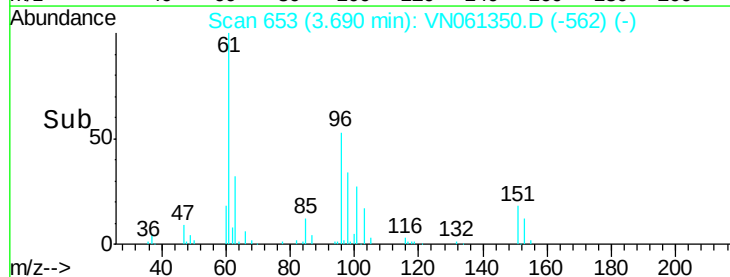
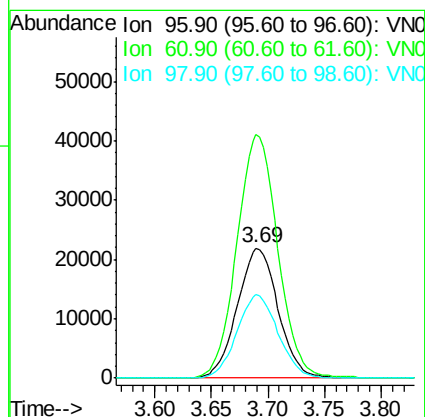
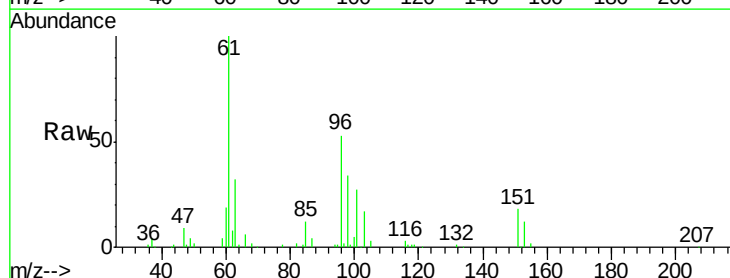
Tot Ion: 59 Resp: 59401
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

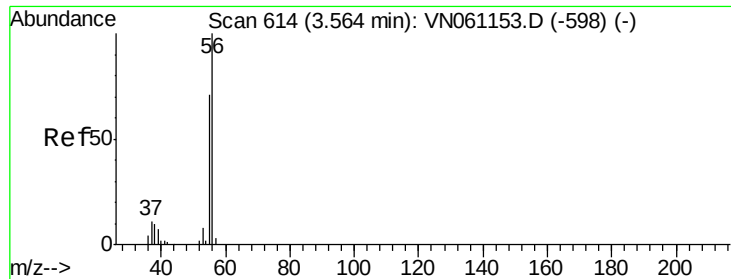


#12

1,1-Dichloroethene
Concen: 50.195 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 96 Resp: 54925
Ion Ratio Lower Upper
96 100
61 187.7 147.0 220.6
98 64.3 49.8 74.6





#13

Acrolein

Concen: 216.379 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

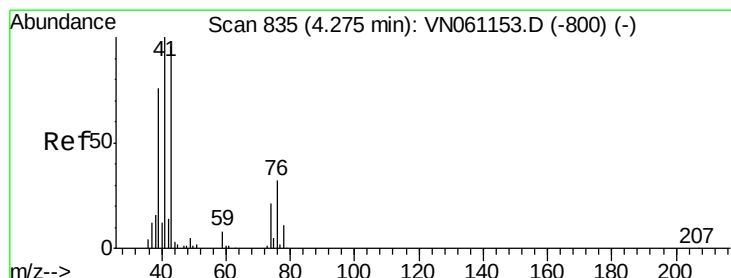
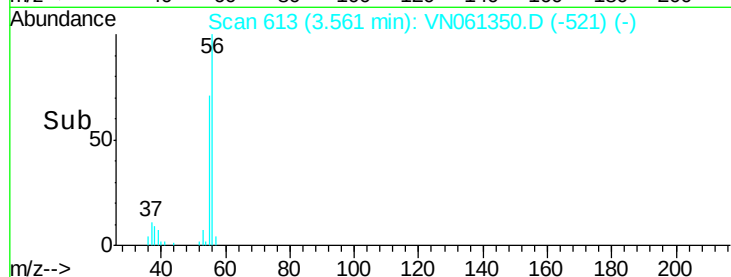
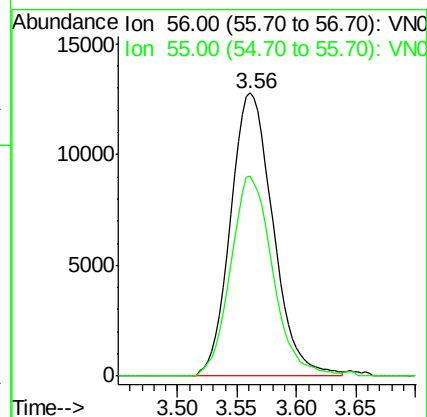
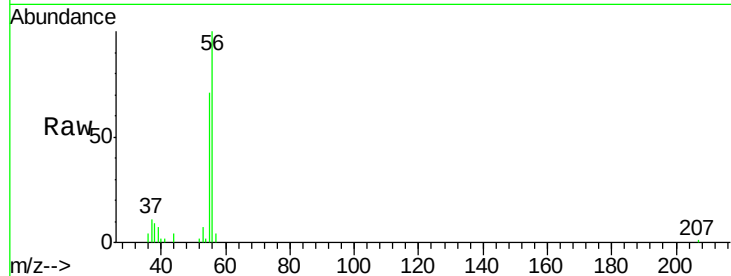
ClientSampled :

Tot Ion: 56 Resp: 31698

Ion Ratio Lower Upper

56 100

55 69.8 58.5 87.7



#14

Allyl chloride

Concen: 60.279 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

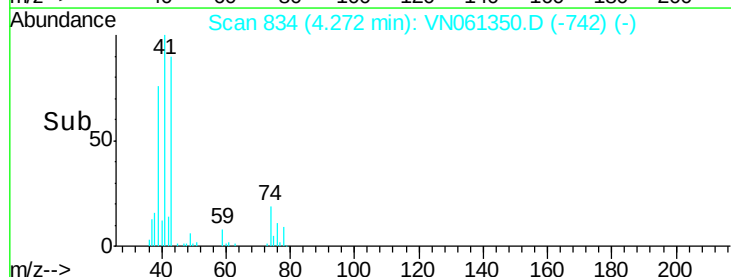
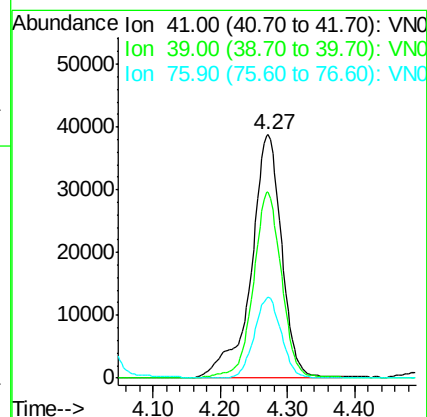
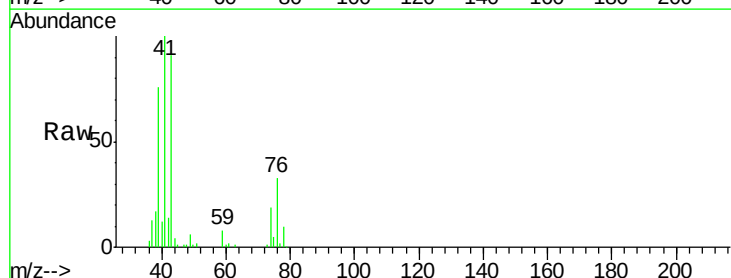
Tgt Ion: 41 Resp: 122299

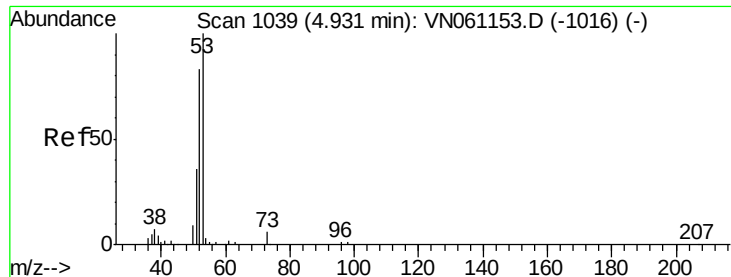
Ion Ratio Lower Upper

41 100

39 70.5 57.1 85.7

76 29.3 24.3 36.5





#15

Acrylonitrile

Concen: 276.618 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

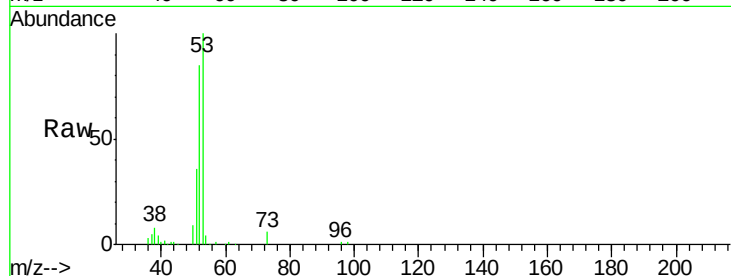
Tot Ion: 53 Resp: 186664

Ion Ratio Lower Upper

53 100

52 82.9 65.4 98.0

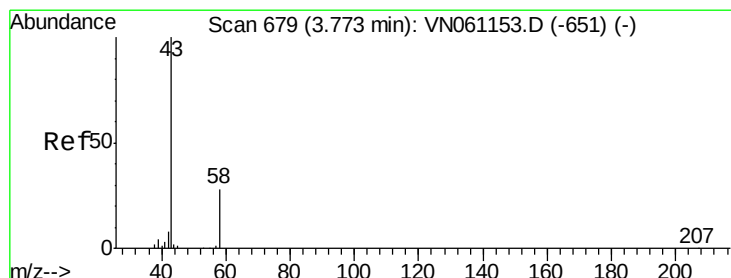
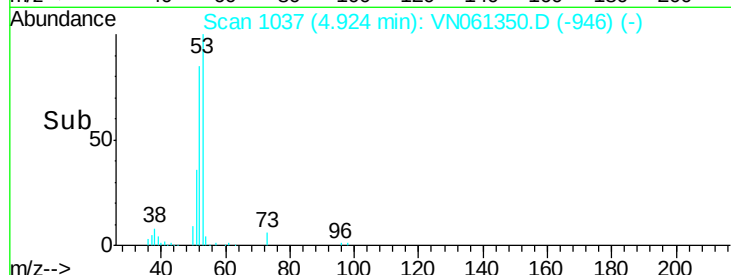
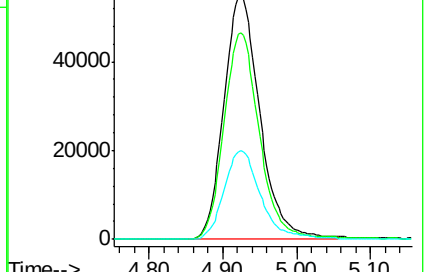
51 37.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)



#16

Acetone

Concen: 314.743 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061350.D

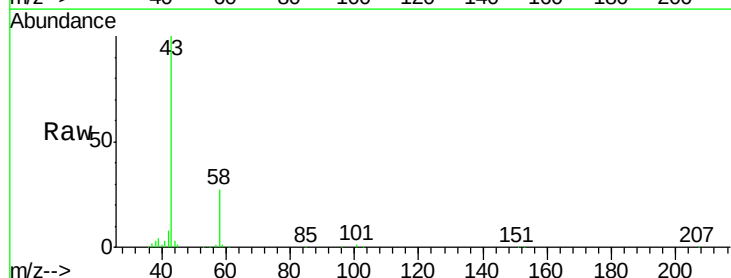
Acq: 8 May 2020 10:04

Tgt Ion: 43 Resp: 198846

Ion Ratio Lower Upper

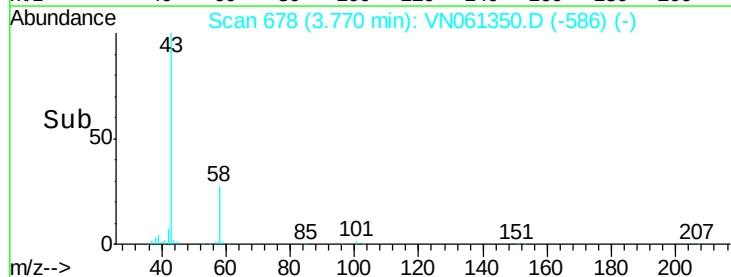
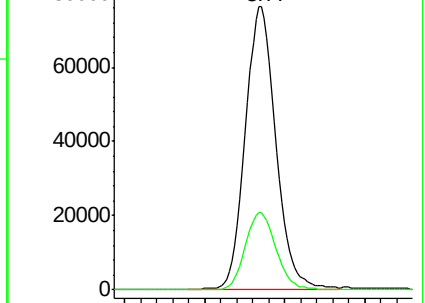
43 100

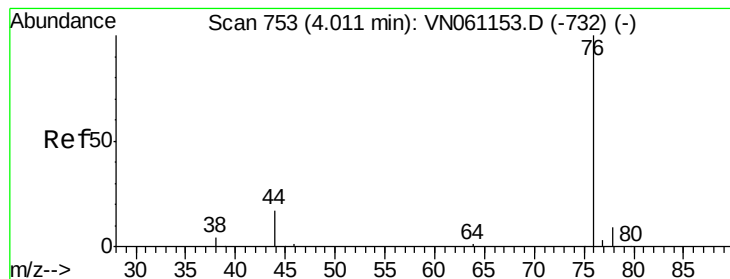
58 27.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)





#17

Carbon Disulfide

Concen: 36.112 ug/l

RT: 4.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

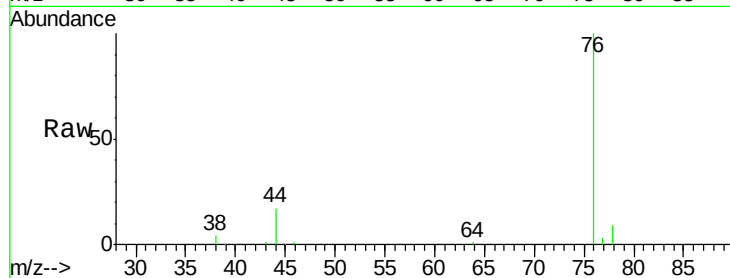
ClientSampled :

Tot Ion: 76 Resp: 109154

Ion Ratio Lower Upper

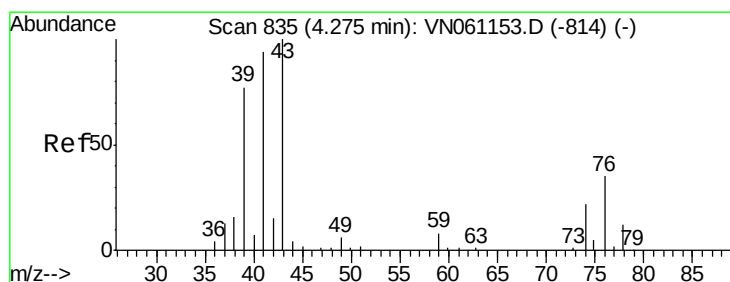
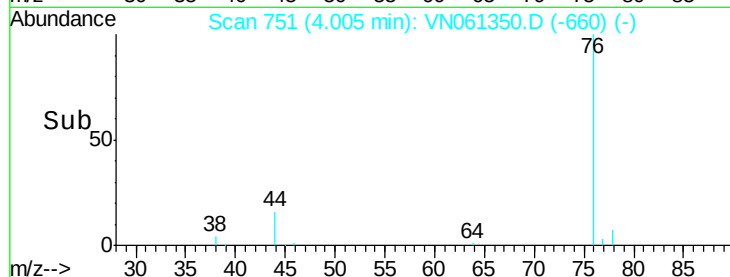
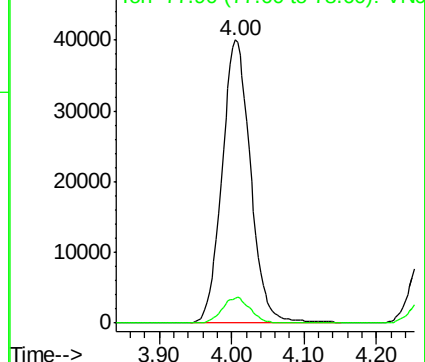
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 49.621 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061350.D

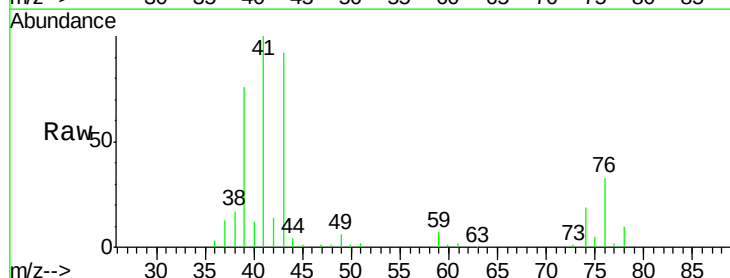
Acq: 8 May 2020 10:04

Tgt Ion: 43 Resp: 102778

Ion Ratio Lower Upper

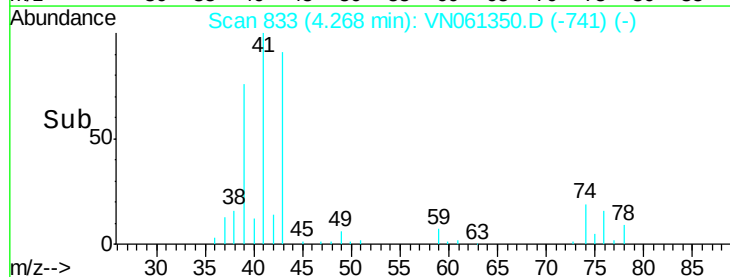
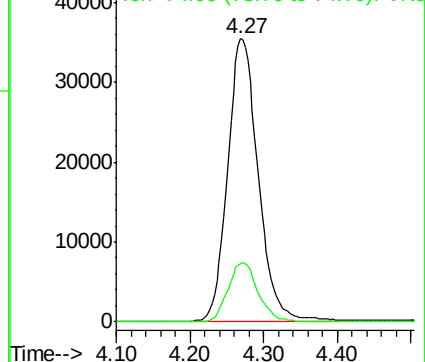
43 100

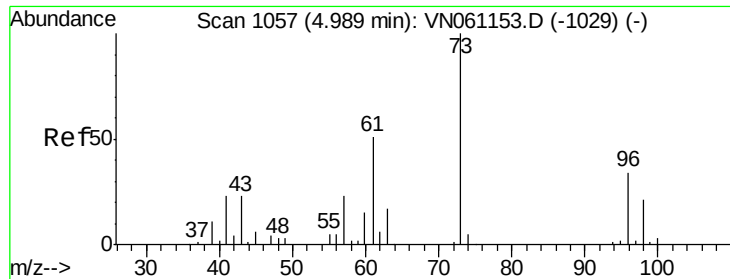
74 20.3 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

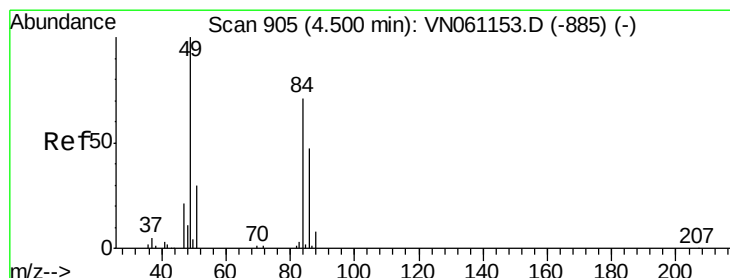
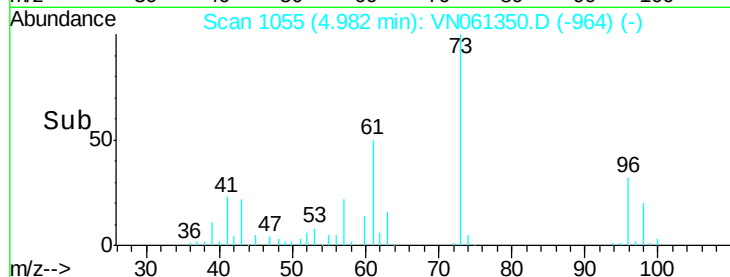
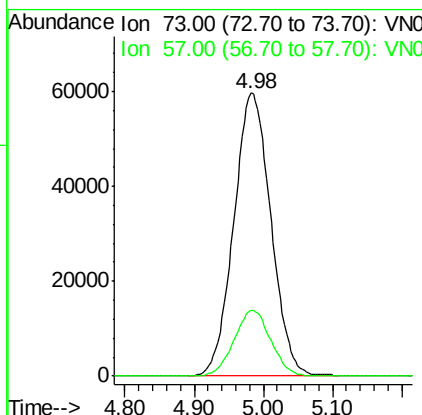
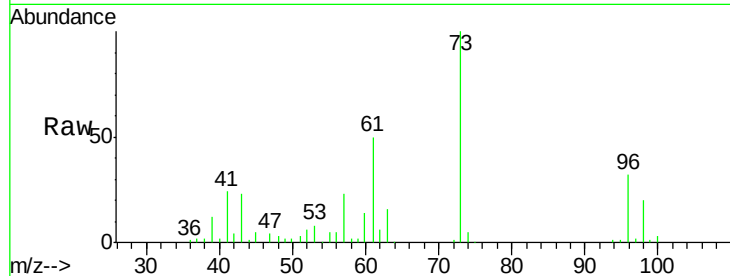




#19
Methyl tert-butyl Ether
Concen: 53.196 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

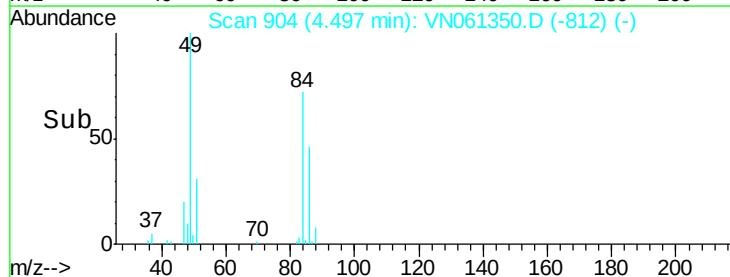
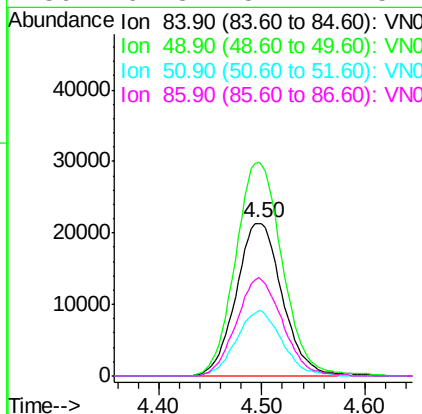
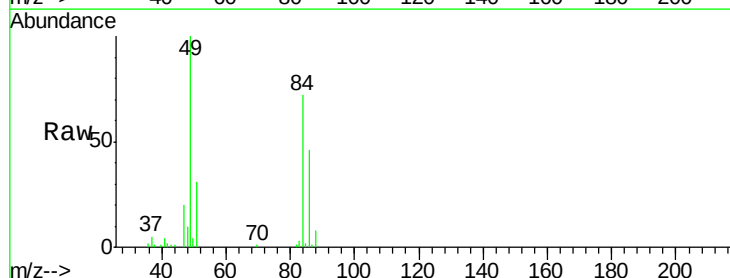
Instrument :
MSVOA_N
ClientSampled :

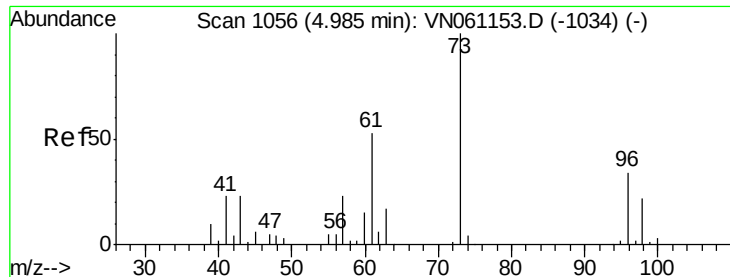
Tot Ion: 73 Resp: 222421
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5



#20
Methylene Chloride
Concen: 51.768 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 84 Resp: 66242
Ion Ratio Lower Upper
84 100
49 139.8 112.0 168.0
51 43.1 33.6 50.4
86 64.3 52.1 78.1



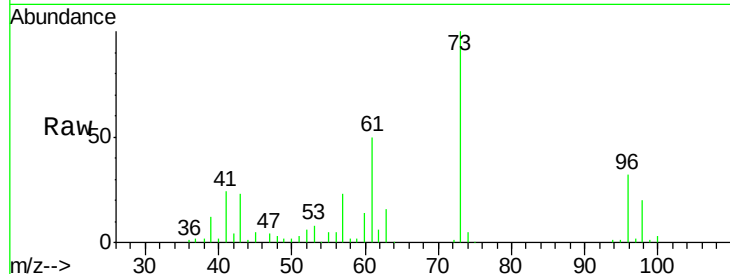


#21

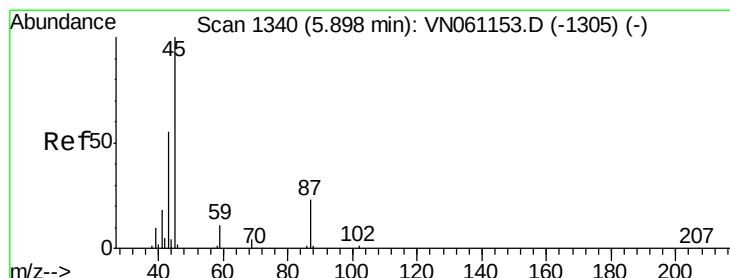
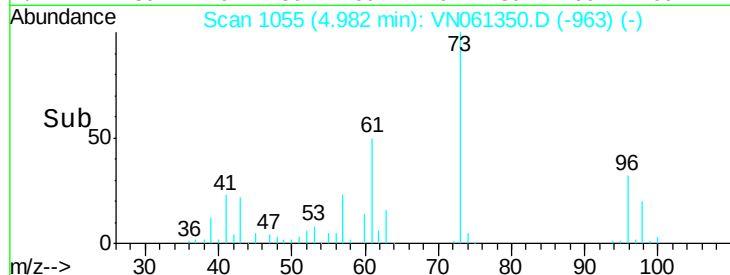
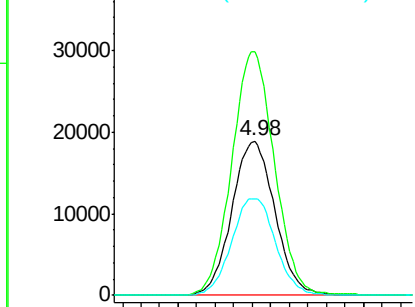
trans-1,2-Dichloroethene
Concen: 50.976 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 60738
Ion Ratio Lower Upper
96 100
61 157.9 123.0 184.4
98 63.0 50.1 75.1



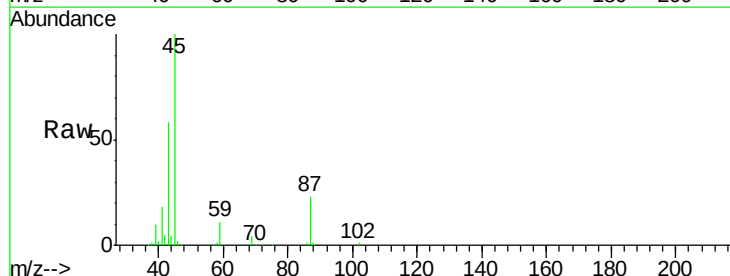
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



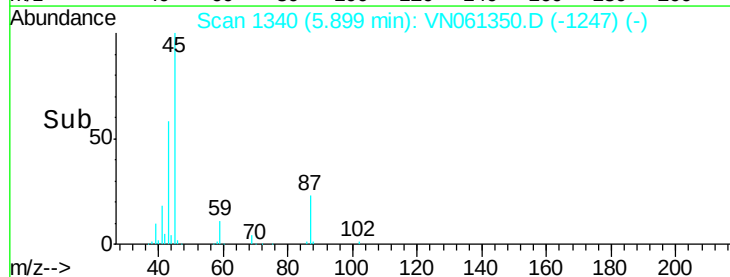
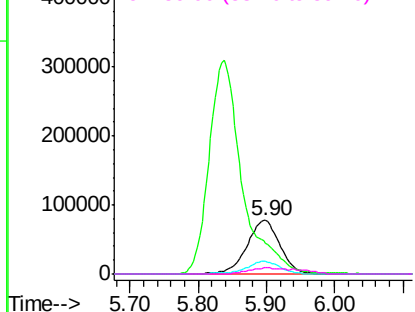
#22

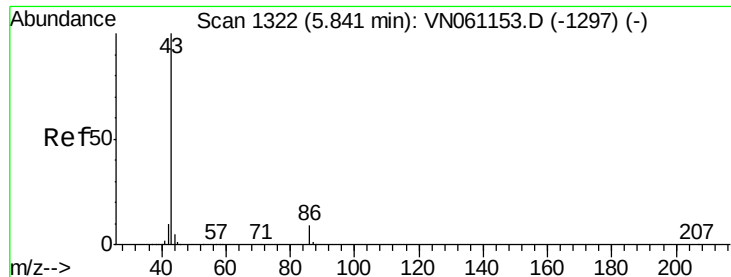
Diisopropyl ether
Concen: 55.438 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 45 Resp: 260826
Ion Ratio Lower Upper
45 100
43 57.1 47.9 71.9
87 23.2 19.2 28.8
59 10.8 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: 275.831 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

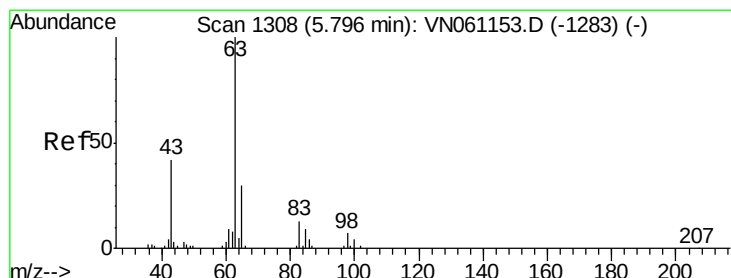
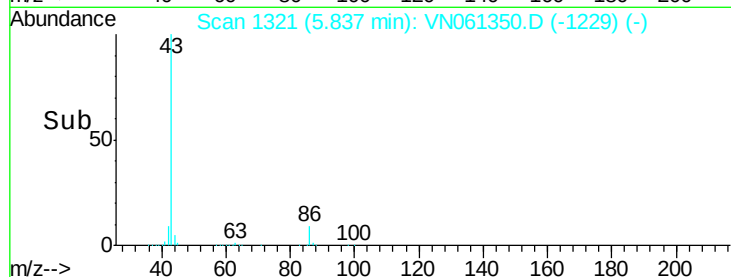
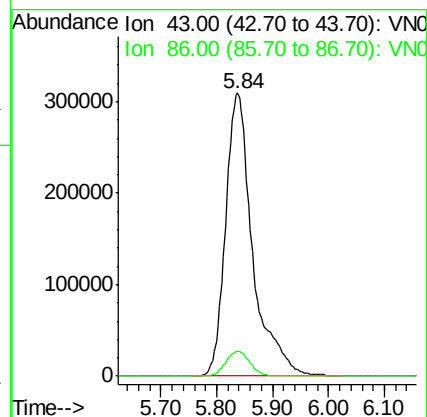
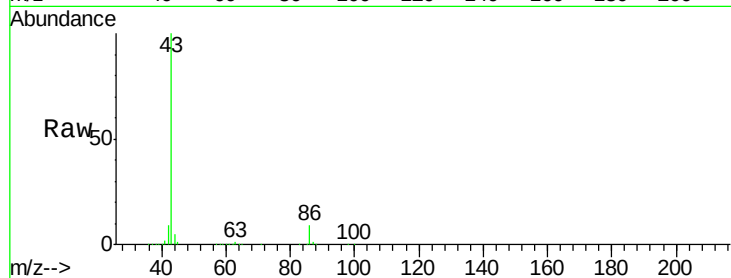
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1044914

Ion Ratio Lower Upper

43 100

86 8.8 7.2 10.8



#24

1,1-Dichloroethane

Concen: 53.436 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

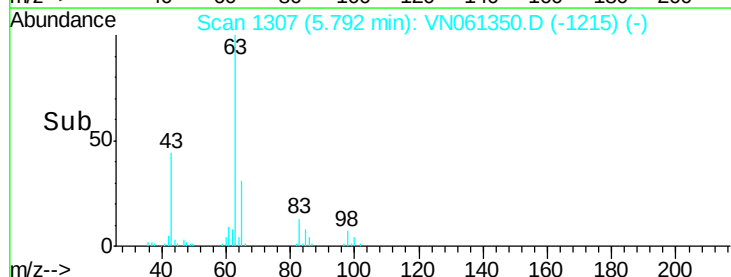
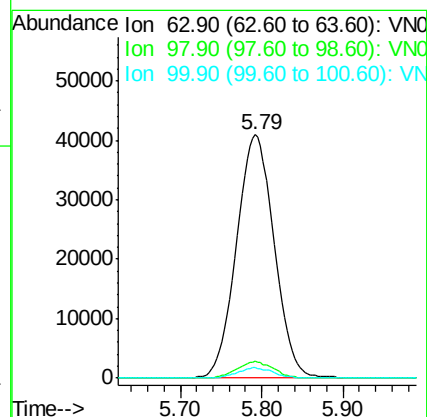
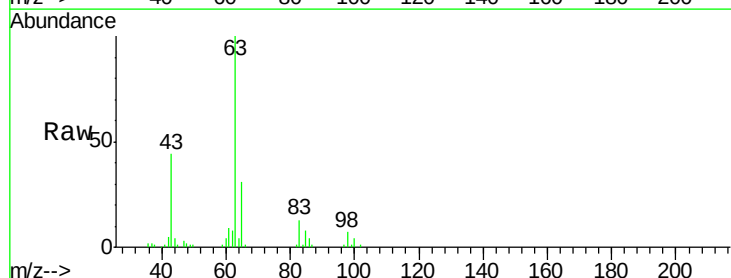
Tgt Ion: 63 Resp: 131355

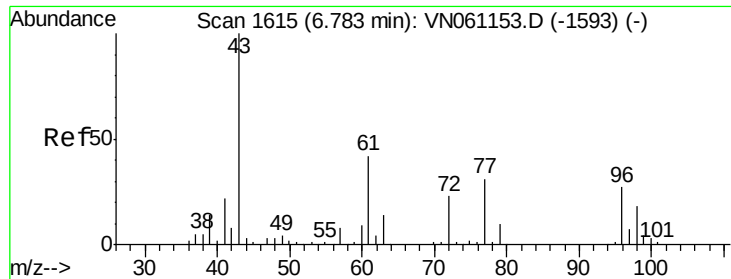
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 291.372 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

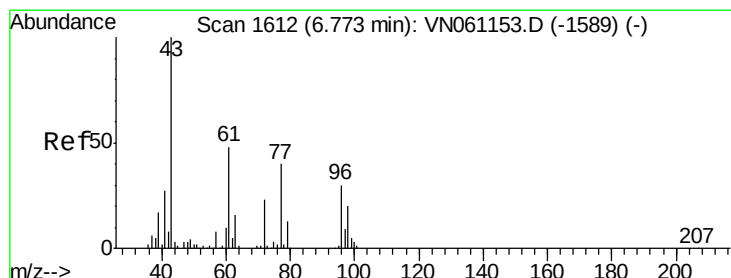
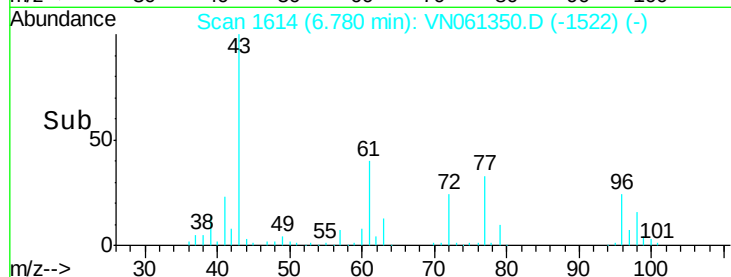
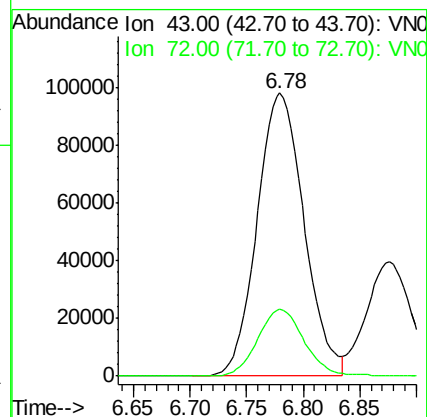
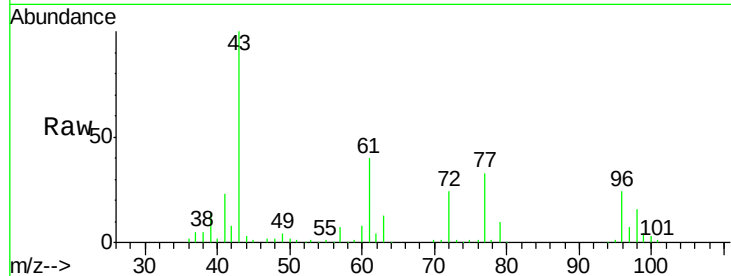
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 282934

Ion Ratio Lower Upper

43 100

72 23.7 18.2 27.4



#26

2,2-Dichloropropane

Concen: 56.204 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VN061350.D

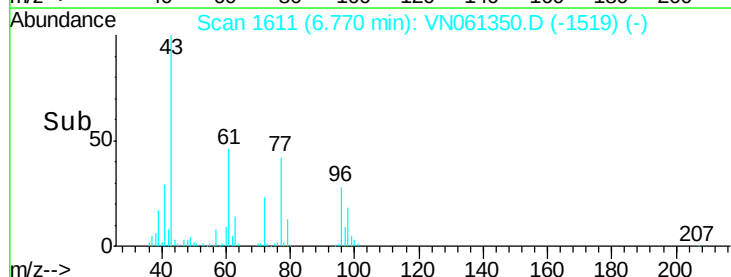
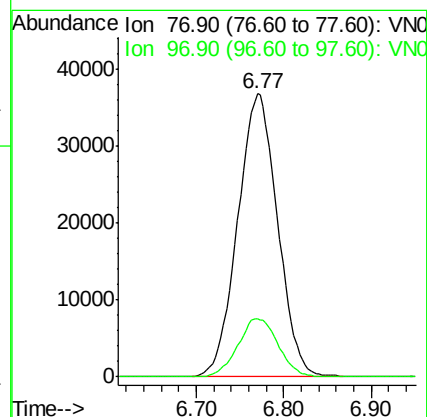
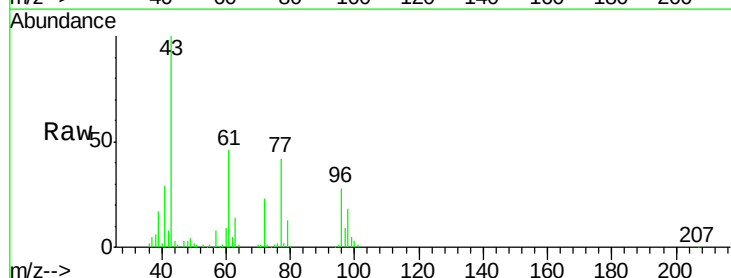
Acq: 8 May 2020 10:04

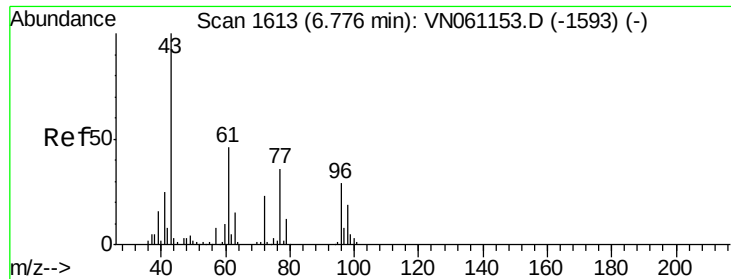
Tgt Ion: 77 Resp: 116370

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.146 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

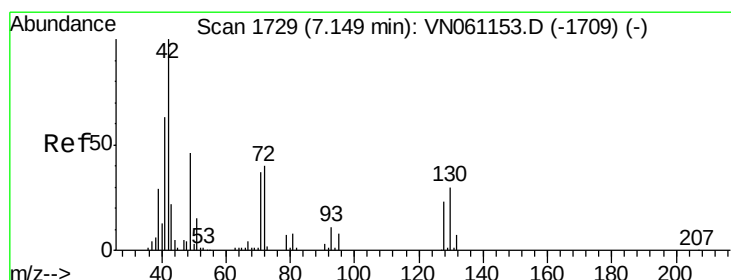
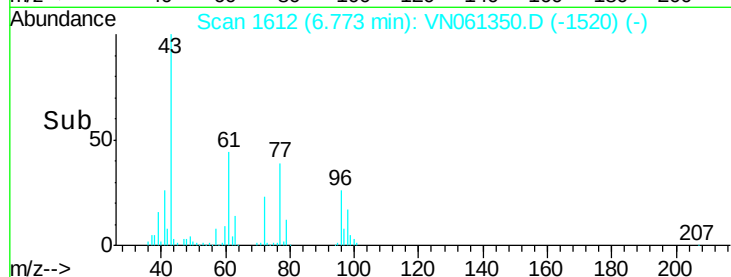
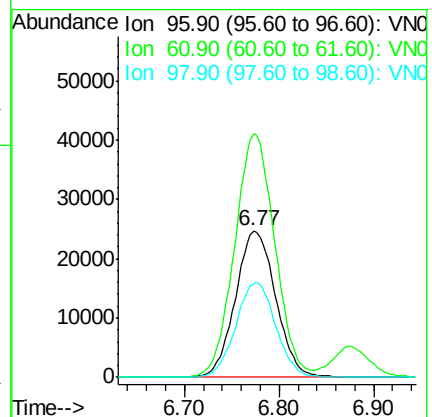
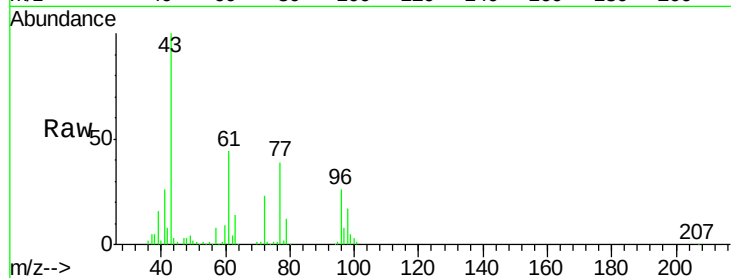
Tot Ion: 96 Resp: 72914

Ion Ratio Lower Upper

96 100

61 165.8 0.0 322.0

98 64.3 0.0 129.6



#28

Bromochloromethane

Concen: 56.227 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

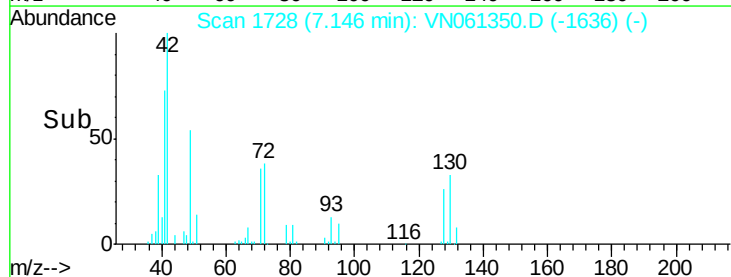
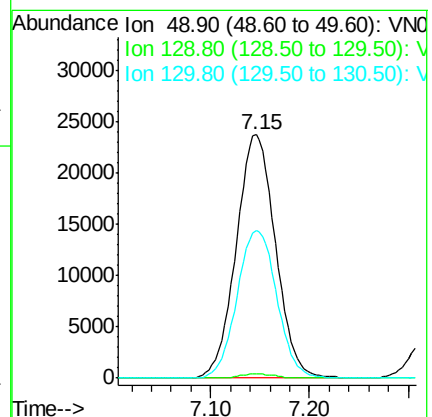
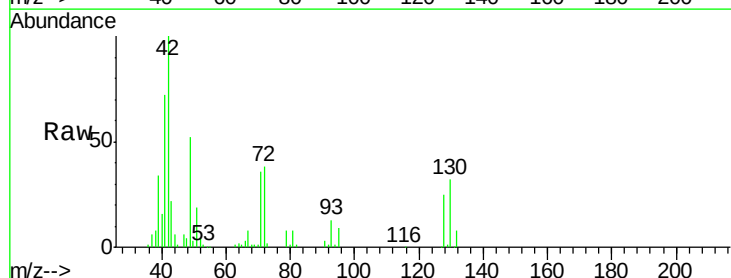
Tgt Ion: 49 Resp: 65512

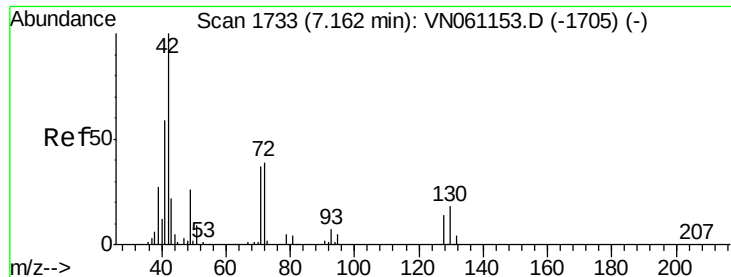
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.0

130 61.3 51.4 77.2

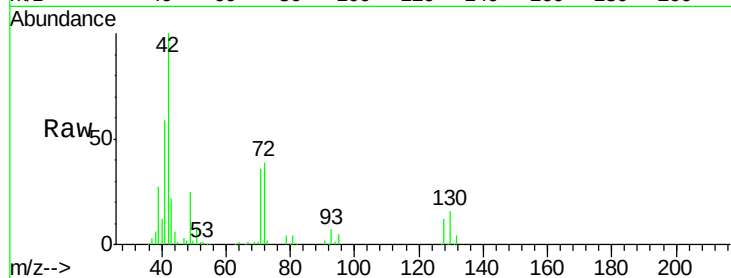




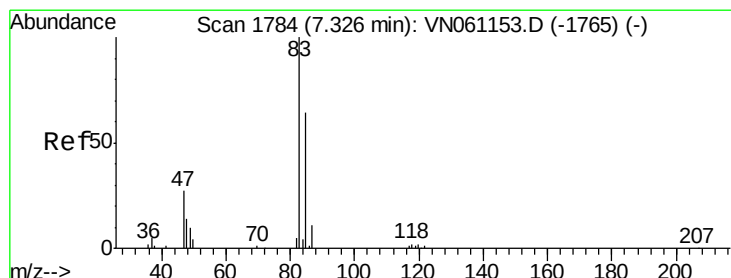
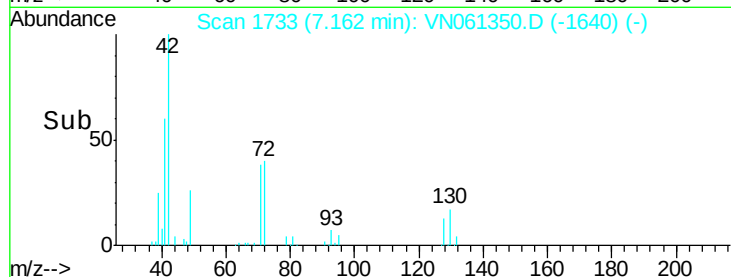
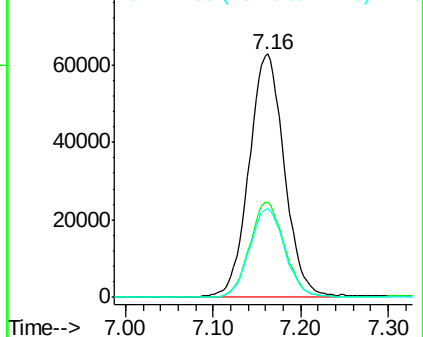
#29
Tetrahydrofuran
Concen: 269.596 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 176346
Ion Ratio Lower Upper
42 100
72 38.3 31.4 47.0
71 36.1 29.5 44.3

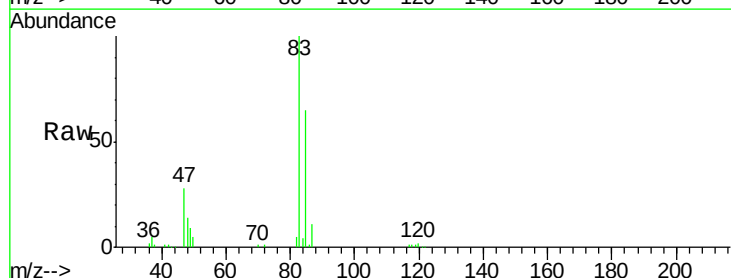


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

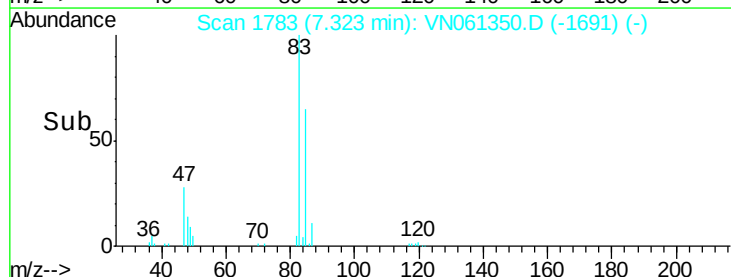
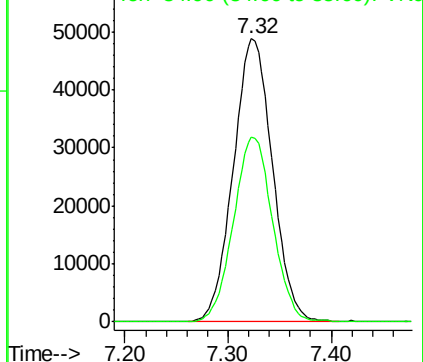


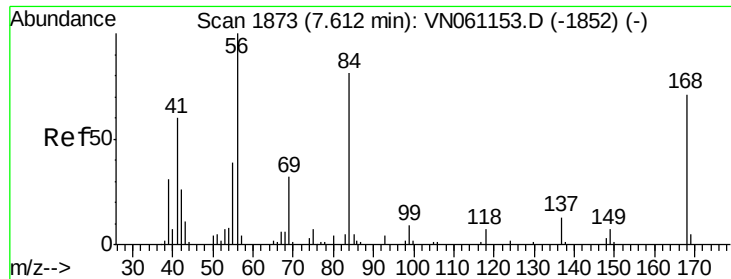
#30
Chloroform
Concen: 51.766 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 83 Resp: 128954
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7



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

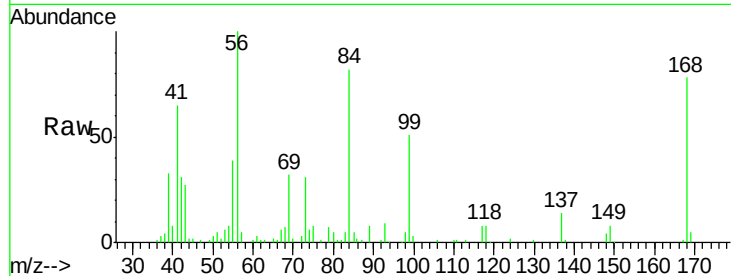




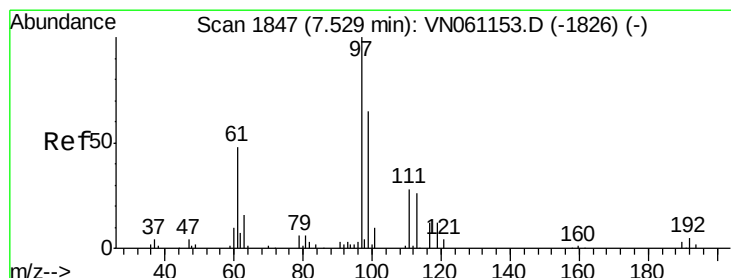
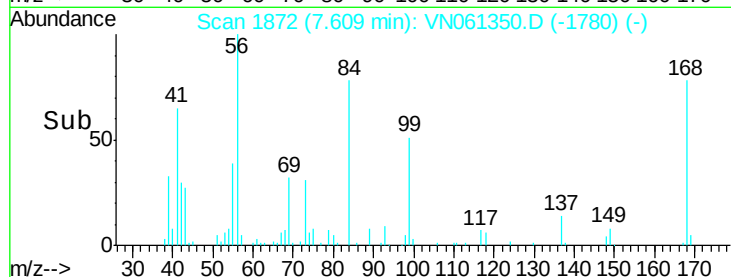
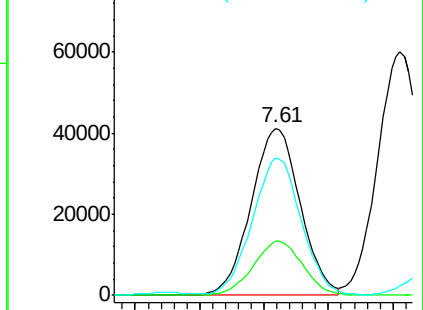
#31
Cyclohexane
Concen: 45.665 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 109015
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 80.9 64.6 97.0

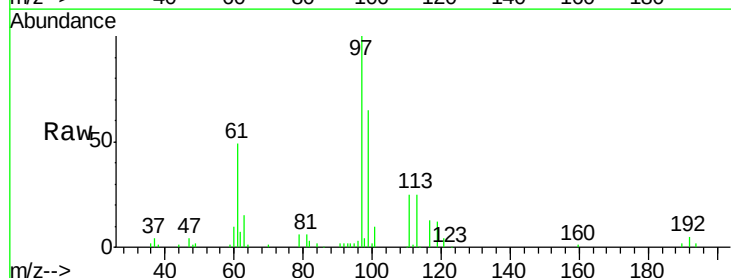


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

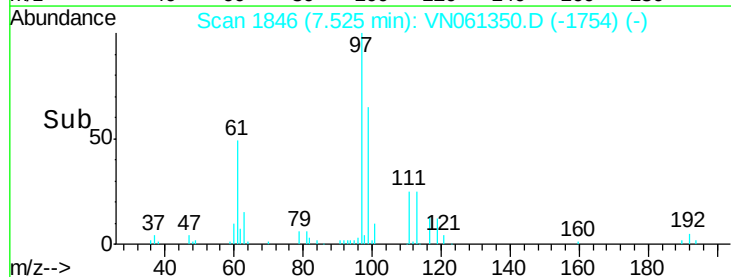
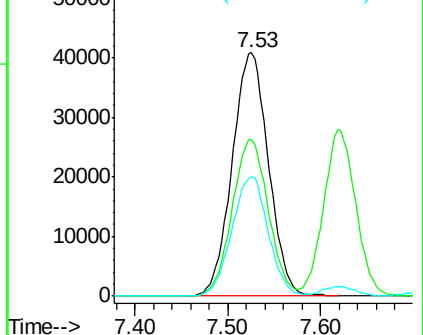


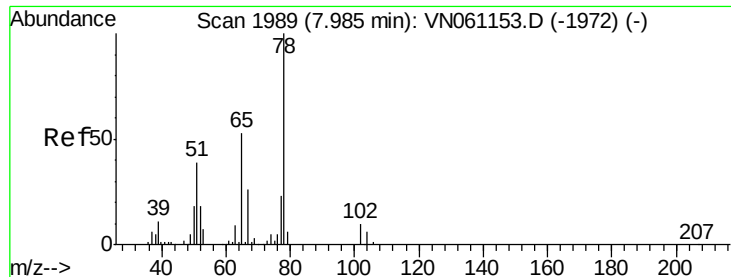
#32
1,1,1-Trichloroethane
Concen: 51.103 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 97 Resp: 110855
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 49.1 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

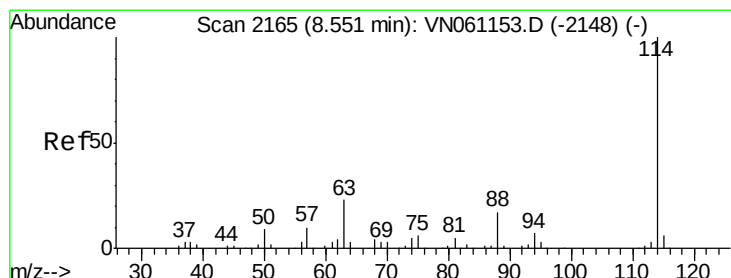
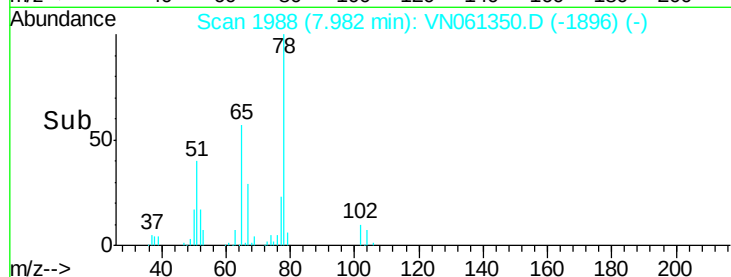
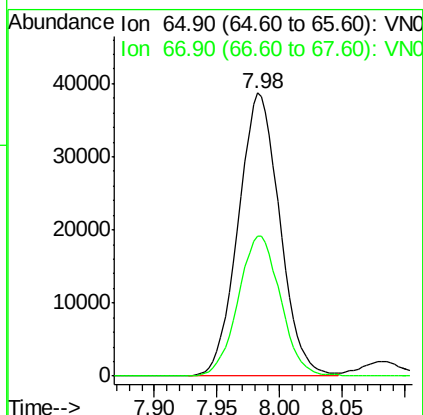
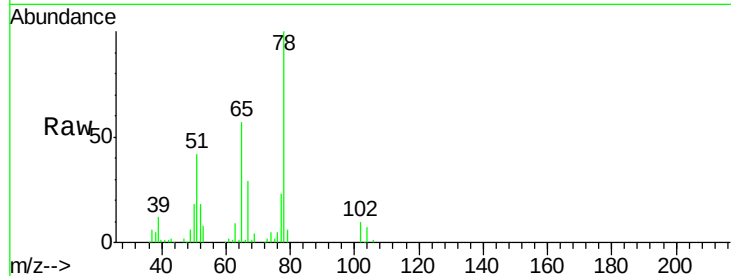




#33
 1,2-Dichloroethane-d4
 Concen: 54.308 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

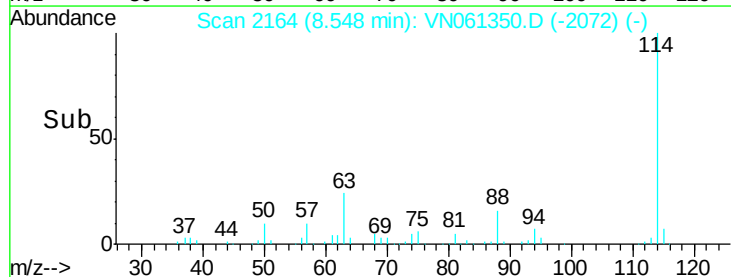
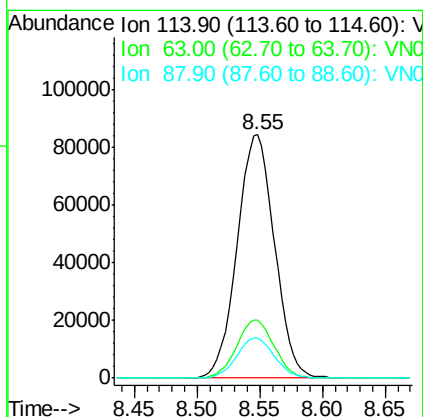
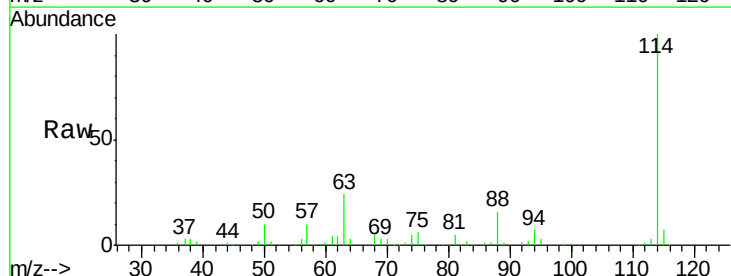
Instrument :
 MSVOA_N
 ClientSampleId :

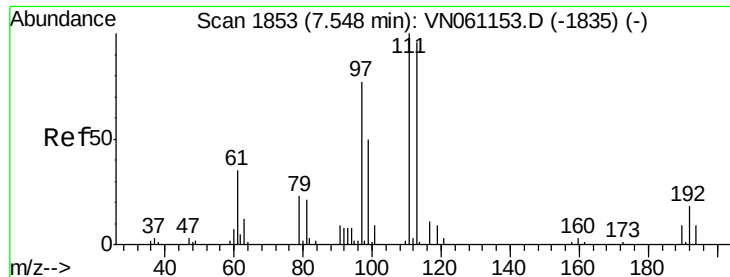
Tot Ion: 65 Resp: 89121
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 114 Resp: 174809
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.3 0.0 33.4

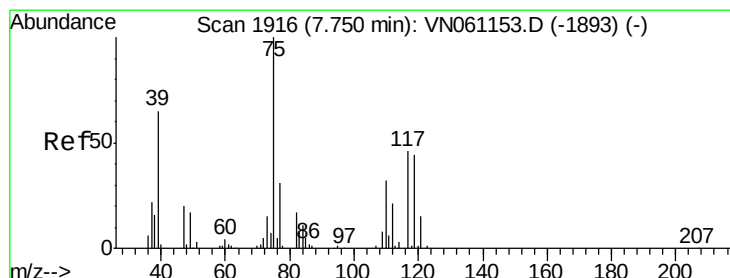
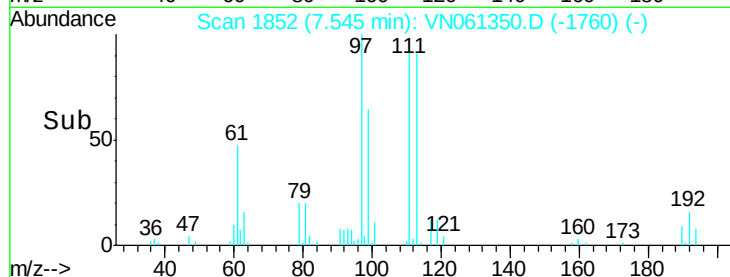
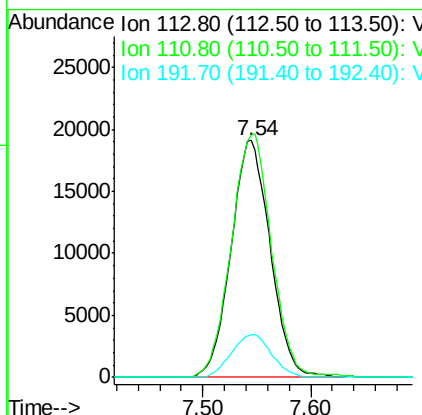
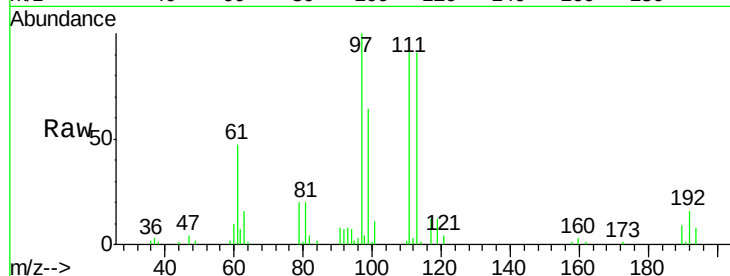




#35
 Dibromofluoromethane
 Concen: 46.704 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

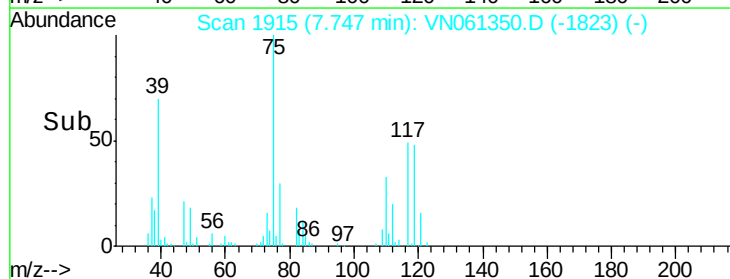
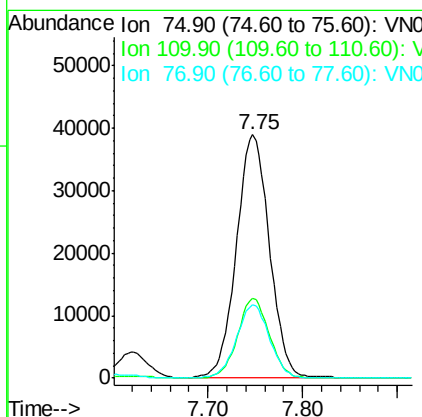
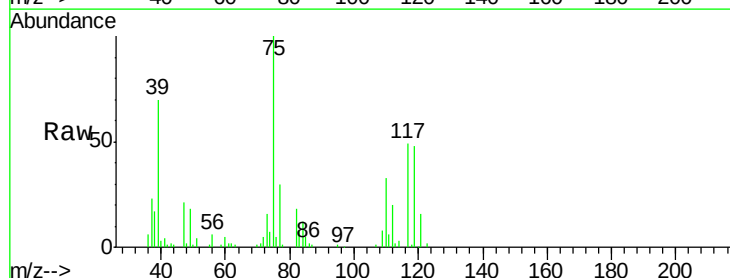
Instrument :
 MSVOA_N
 ClientSampled :

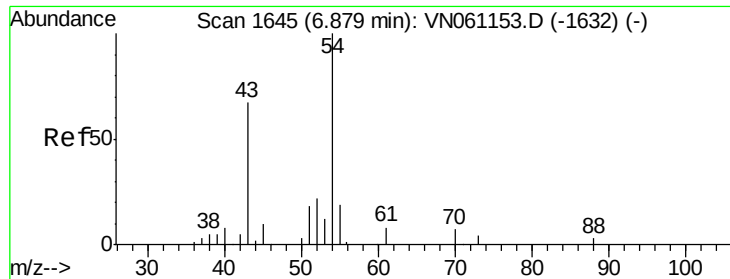
Tot Ion:113 Resp: 48277
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.9 124.3
 192 18.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 54.166 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 75 Resp: 94786
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.0 48.0
 77 30.1 24.6 37.0

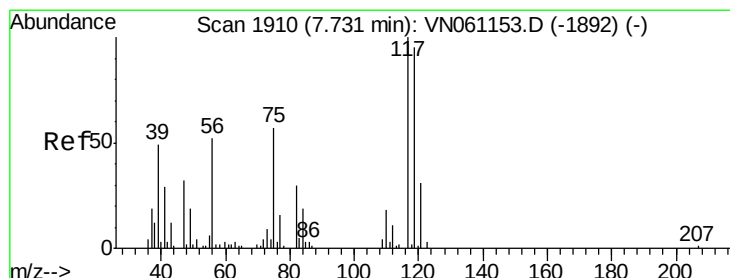
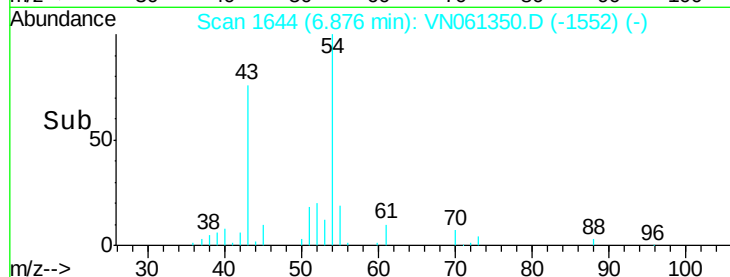
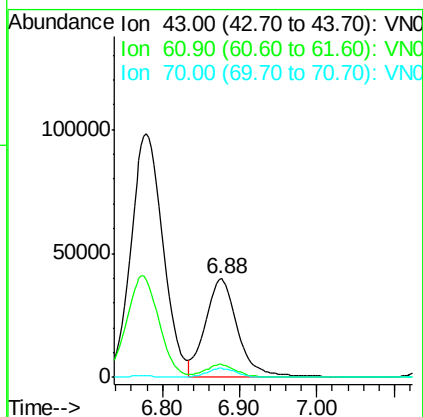
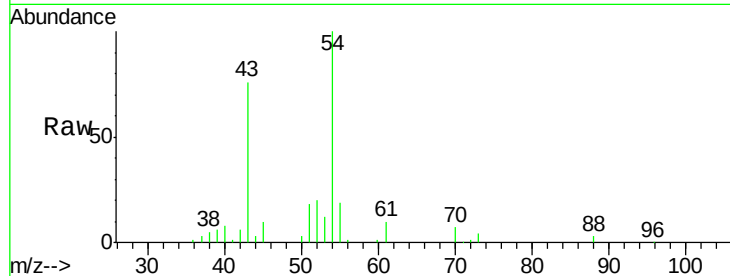




#37
Ethyl Acetate
Concen: 56.092 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

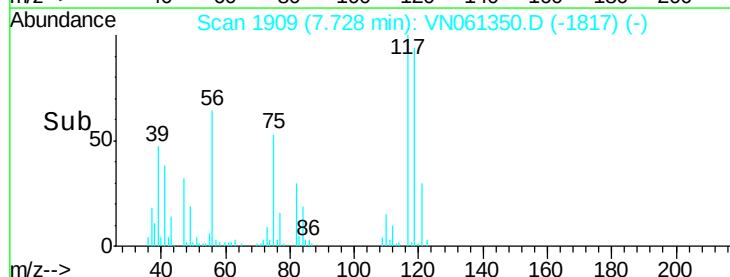
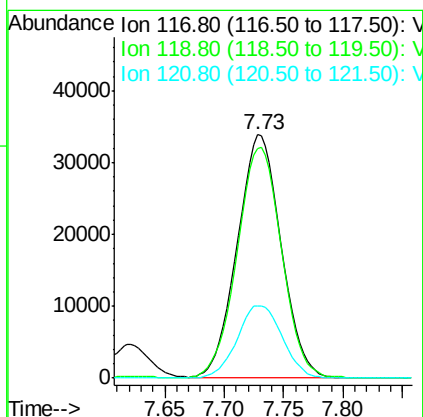
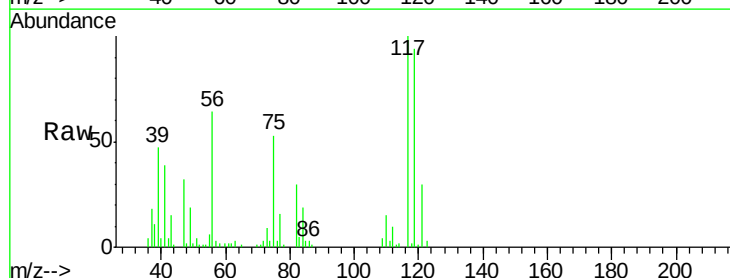
Instrument :
MSVOA_N
ClientSampleId :

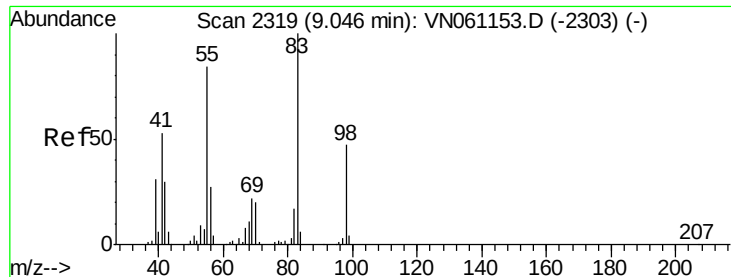
Tot Ion: 43 Resp: 115073
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 8.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 54.098 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 117 Resp: 86687
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 29.8 24.7 37.1

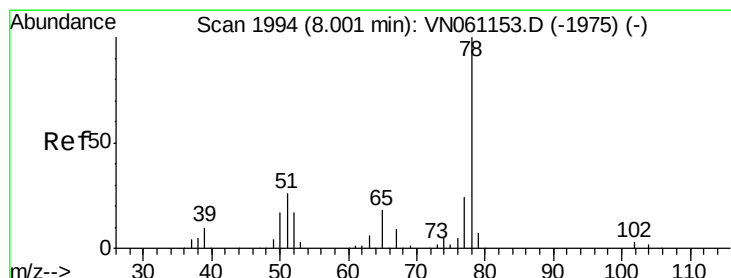
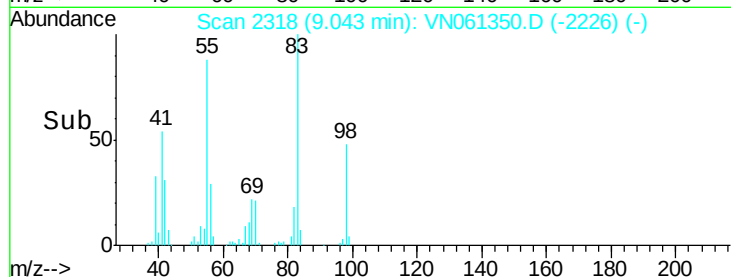
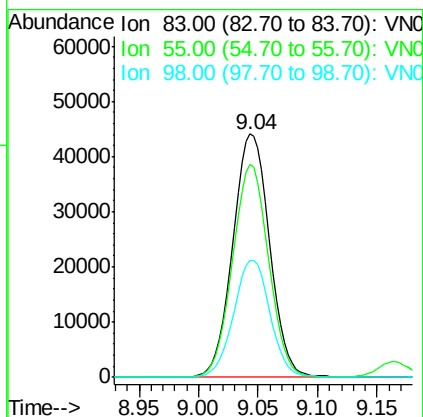
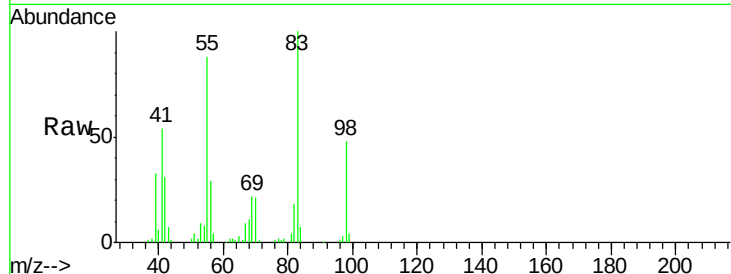




#39
Methylvlcyclohexane
Concen: 48.152 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

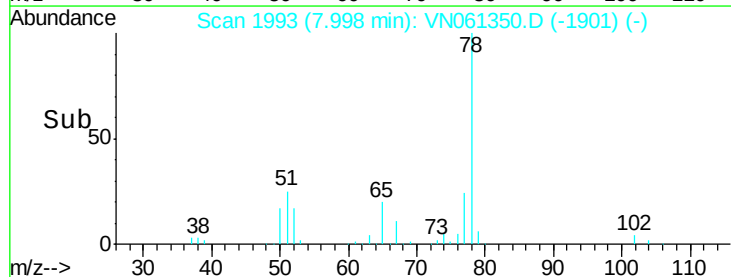
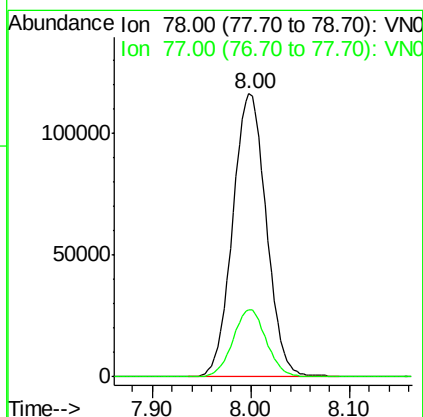
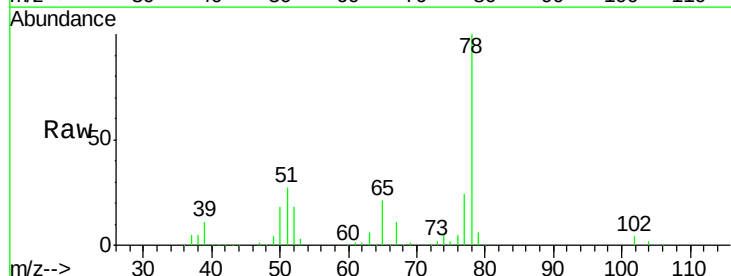
Instrument :
MSVOA_N
ClientSampled :

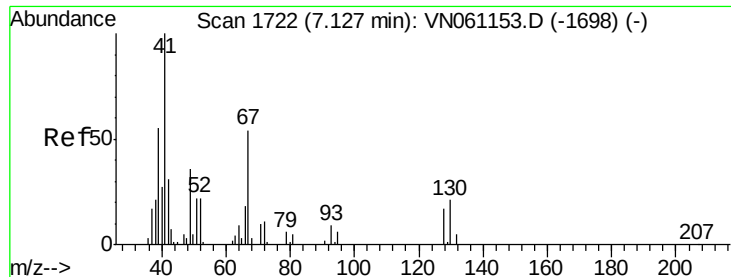
Tot Ion: 83 Resp: 94497
Ion Ratio Lower Upper
83 100
55 87.6 67.3 100.9
98 48.1 37.7 56.5



#40
Benzene
Concen: 52.753 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 78 Resp: 275024
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

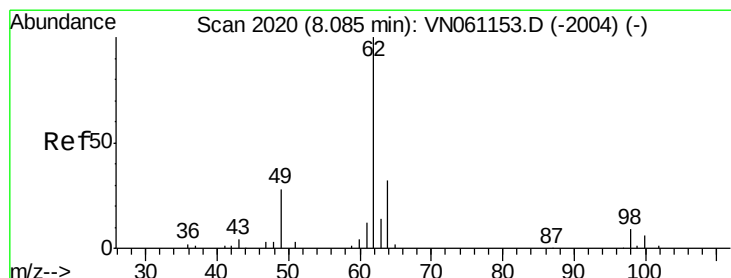
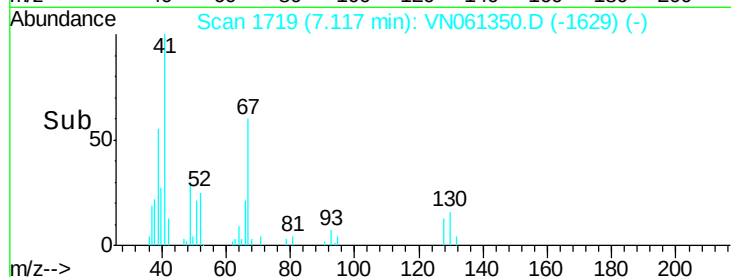
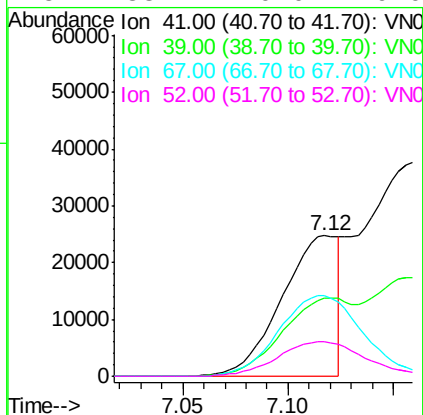
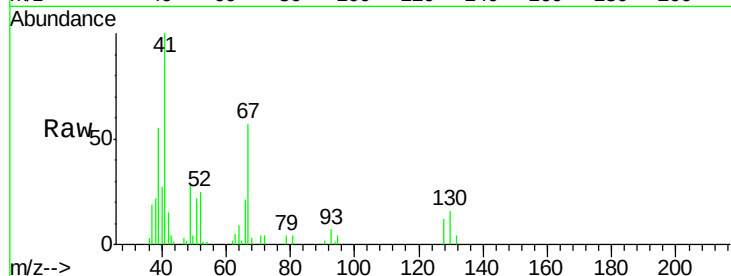




#41
Methacrylonitrile
Concen: 53.919 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

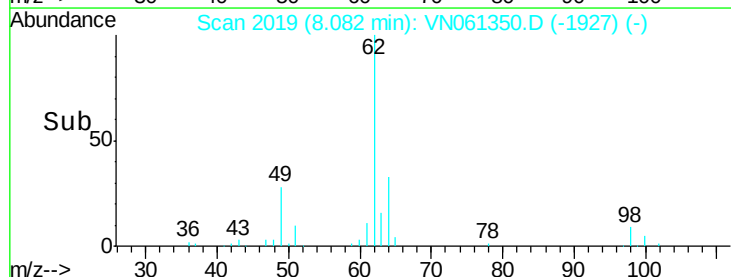
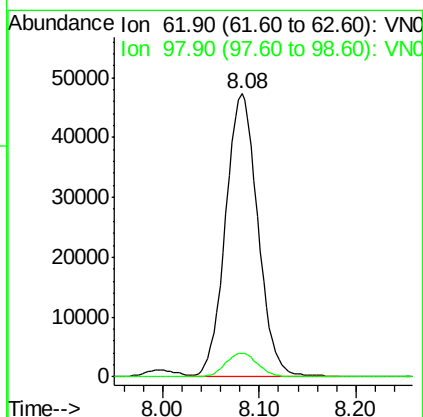
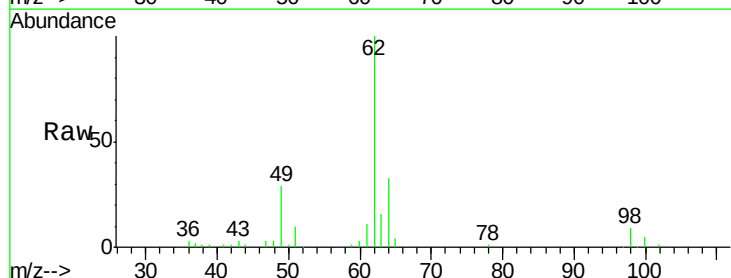
Instrument :
MSVOA_N
ClientSampled :

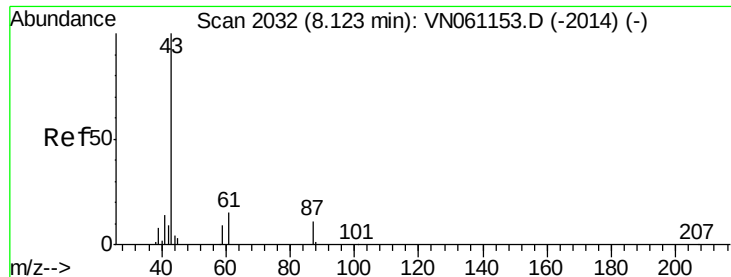
Tot Ion:	41	Resp:	45927
Ion	Ratio	Lower	Upper
41	100		
39	66.4	0.0	0.0#
67	85.9	0.0	0.0#
52	38.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 55.673 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion:	62	Resp:	109957
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 55.409 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampled :

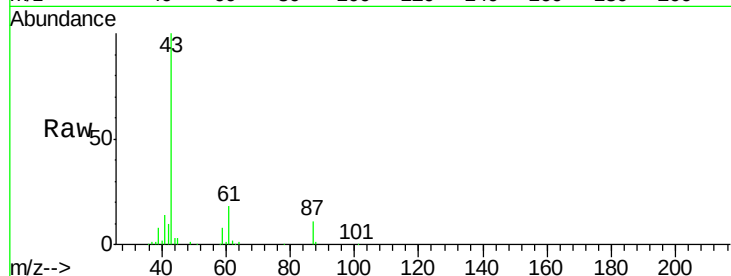
Tot Ion: 43 Resp: 188650

Ion Ratio Lower Upper

43 100

61 23.9 19.5 29.3

87 11.1 8.9 13.3

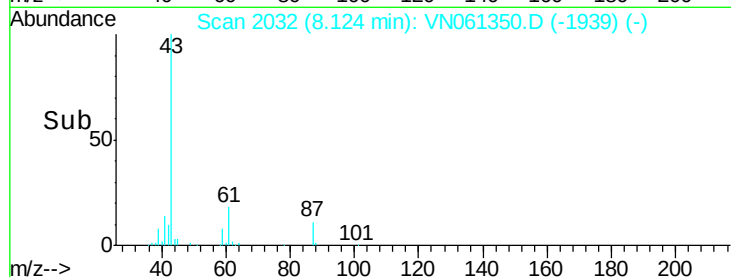


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

Time-->

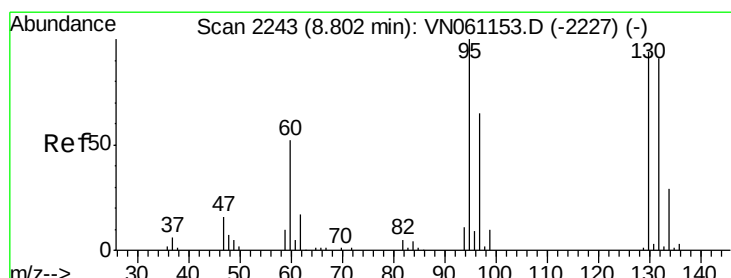


Abundance Ion 43.00 (42.70 to 43.70): VN061350.D (-1939) (-)

Ion 61.00 (60.70 to 61.70): VN061350.D (-1939) (-)

Ion 87.00 (86.70 to 87.70): VN061350.D (-1939) (-)

Time-->



#44

Trichloroethene

Concen: 49.459 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061350.D

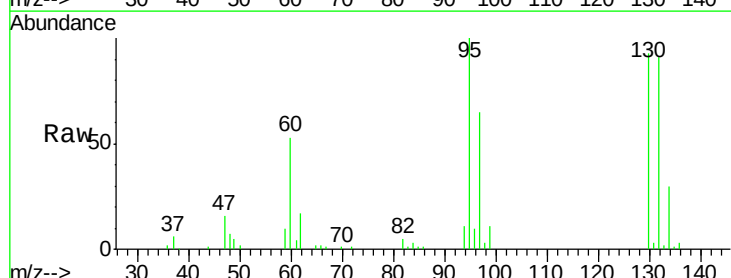
Acq: 8 May 2020 10:04

Tgt Ion:130 Resp: 69705

Ion Ratio Lower Upper

130 100

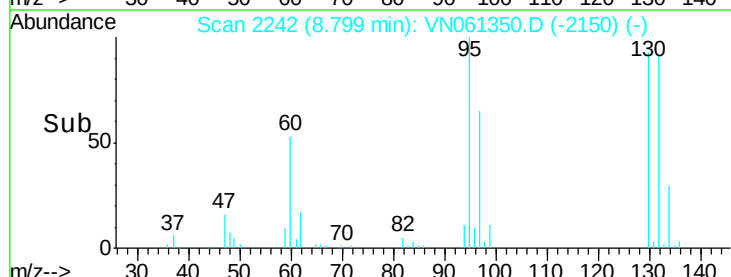
95 107.5 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)

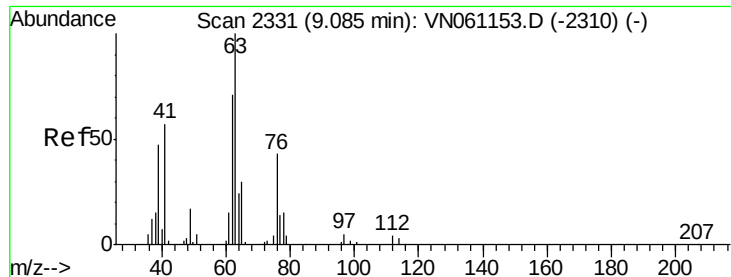
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN061350.D (-2150) (-)

Ion 94.90 (94.60 to 95.60): VN061350.D (-2150) (-)

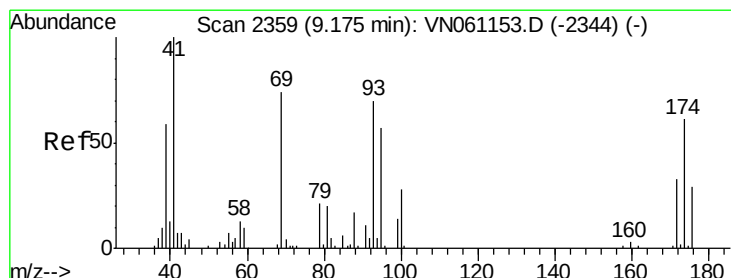
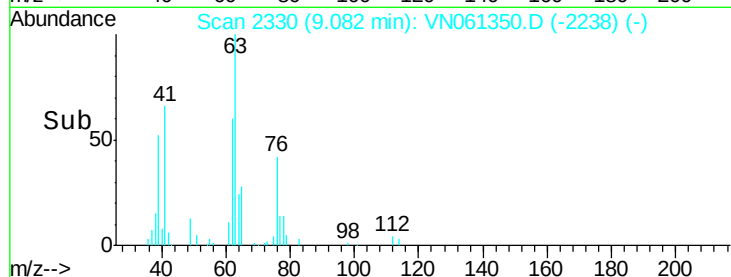
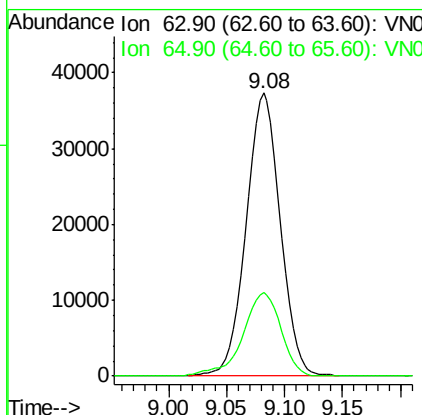
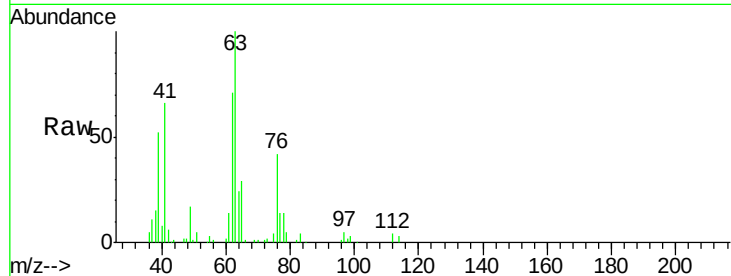
Time-->



#45
 1,2-Dichloropropane
 Concen: 55.127 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

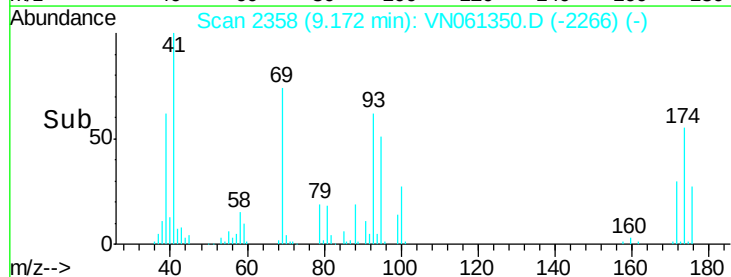
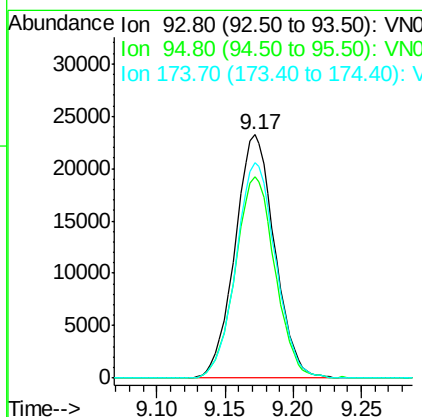
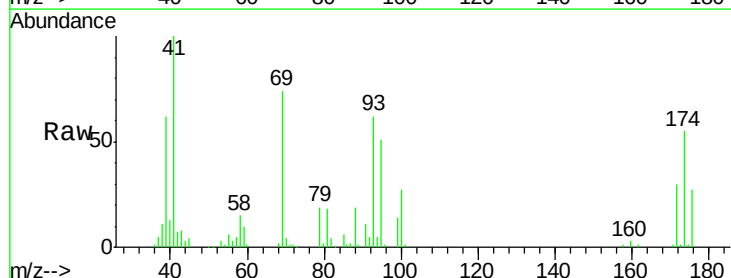
Instrument :
 MSVOA_N
 ClientSampleId :

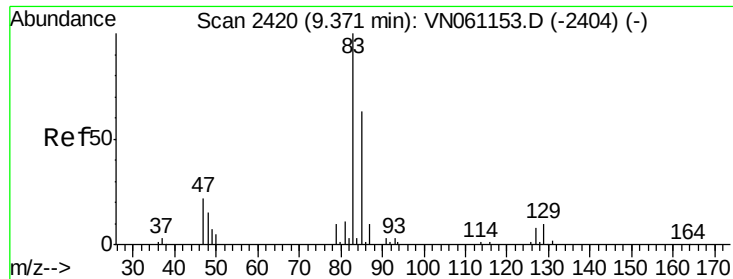
Tot Ion: 63 Resp: 76782
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.7 37.1



#46
 Dibromomethane
 Concen: 54.489 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 93 Resp: 46991
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 99.8
 174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 56.412 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

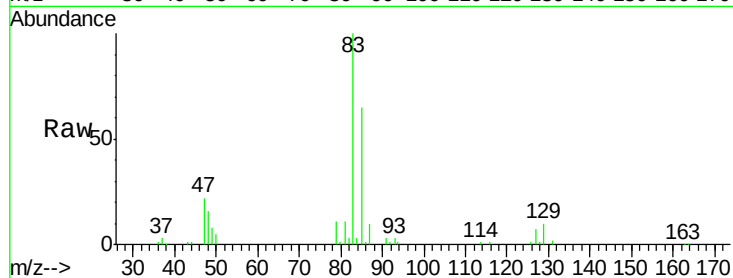
Tot Ion: 83 Resp: 104420

Ion Ratio Lower Upper

83 100

85 65.2 50.4 75.6

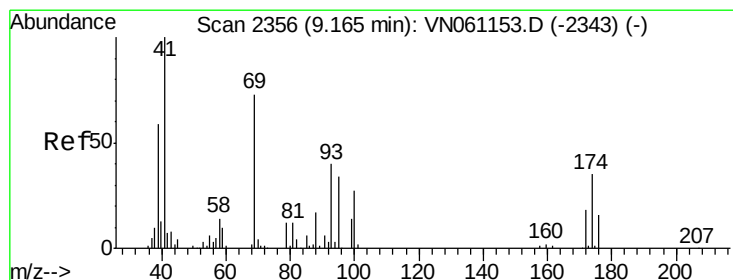
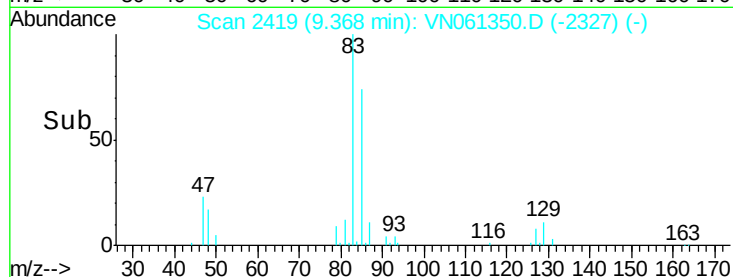
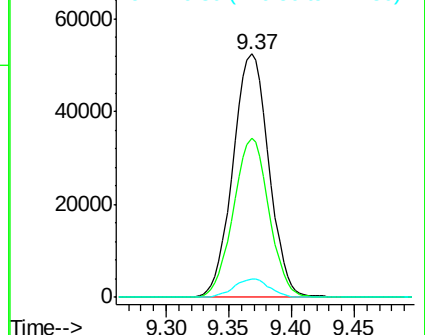
127 7.4 6.2 9.2



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: 56.792 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

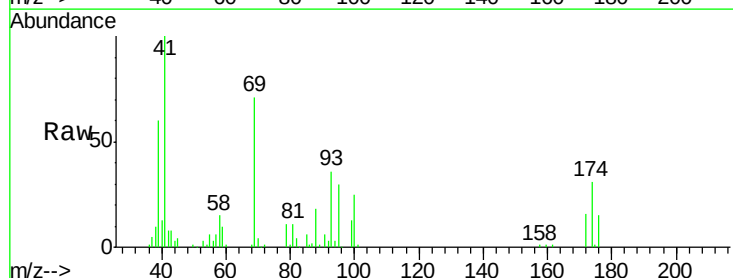
Tgt Ion: 41 Resp: 87254

Ion Ratio Lower Upper

41 100

69 73.8 60.3 90.5

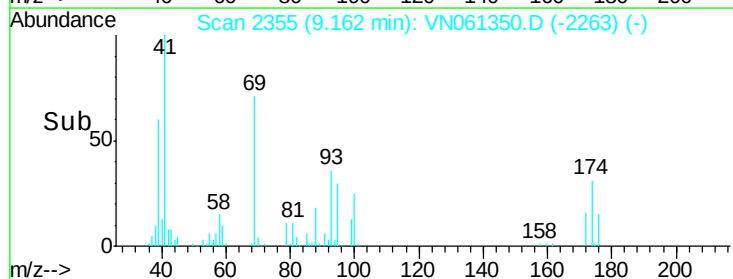
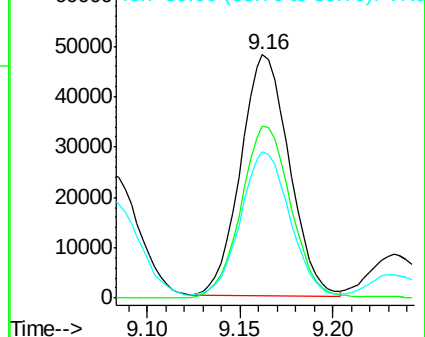
39 62.7 47.4 71.0

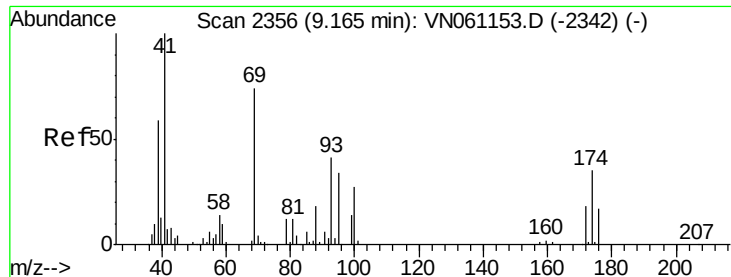


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

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

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

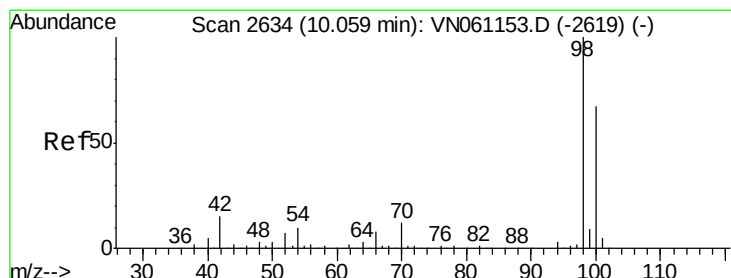
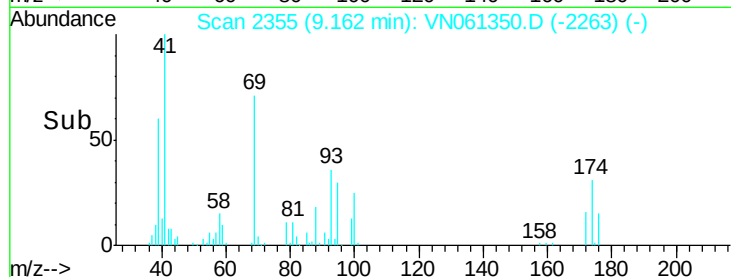
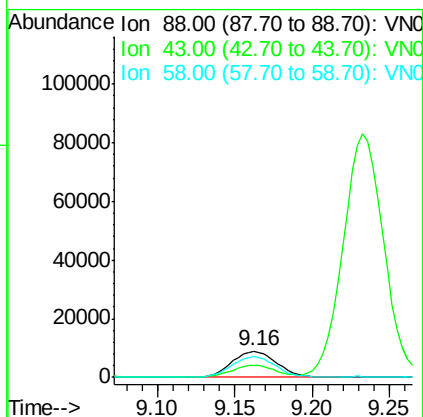
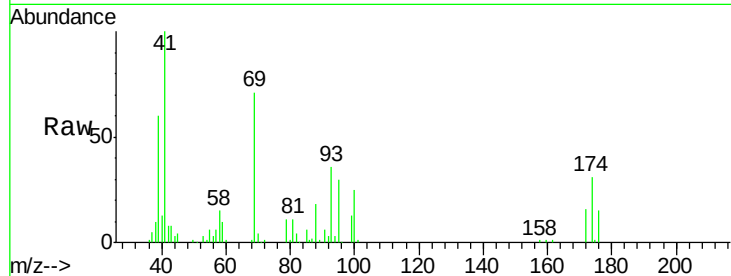




#49
1,4-Dioxane
Concen: 1036.775 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

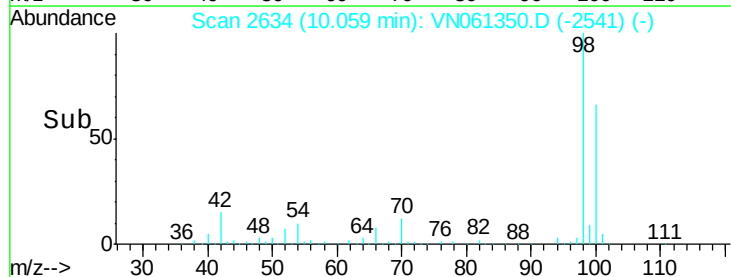
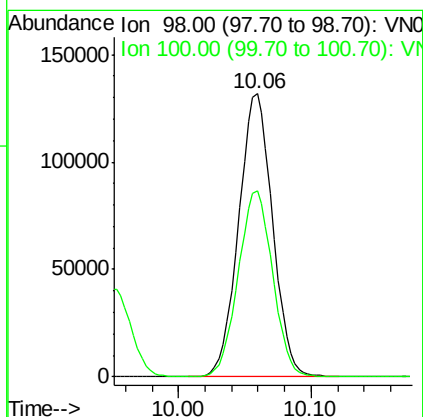
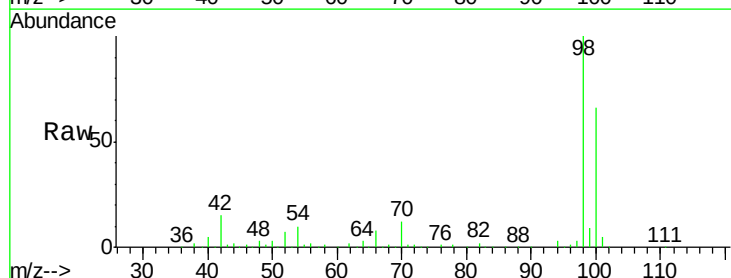
Instrument :
MSVOA_N
ClientSampled :

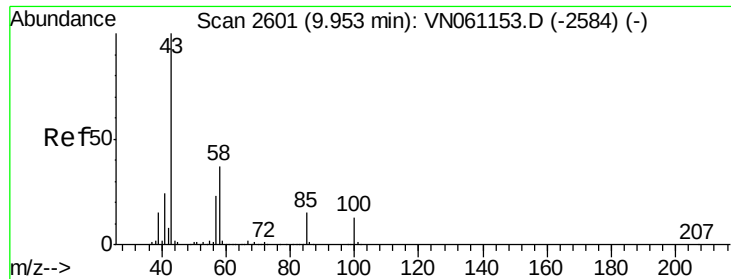
Tot Ion: 88 Resp: 18081
Ion Ratio Lower Upper
88 100
43 45.4 35.3 52.9
58 79.1 61.5 92.3



#50
Toluene-d8
Concen: 55.724 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 98 Resp: 234812
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

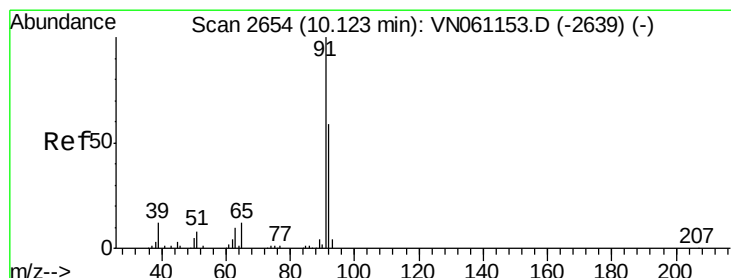
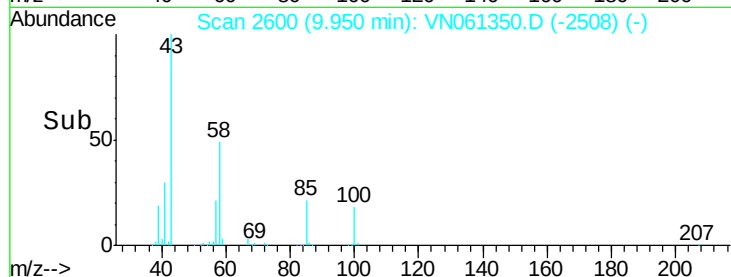
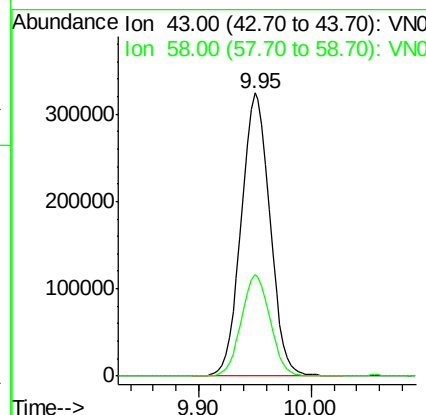
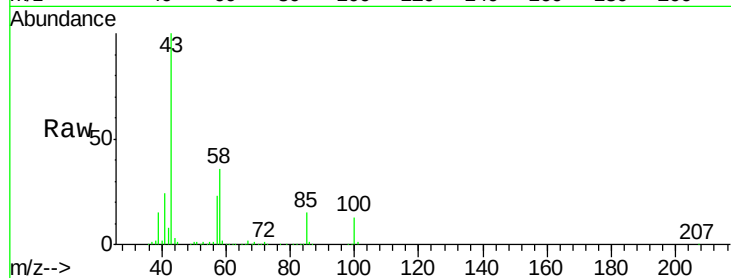




#51
4-Methyl-2-Pentanone
Concen: 286.713 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

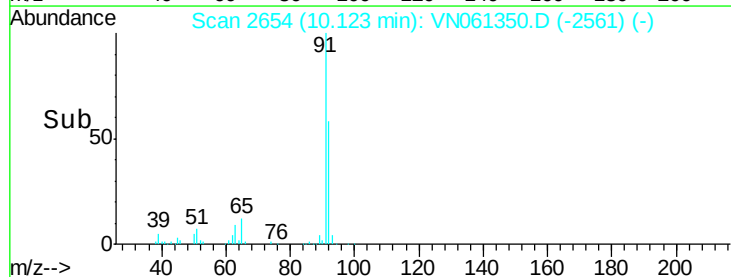
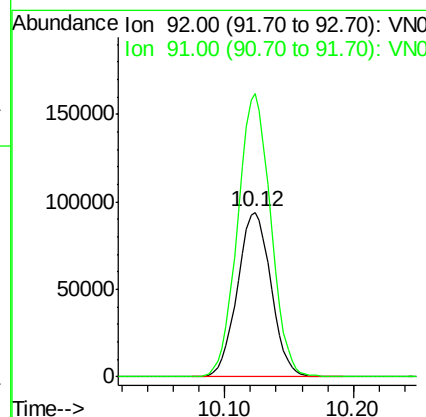
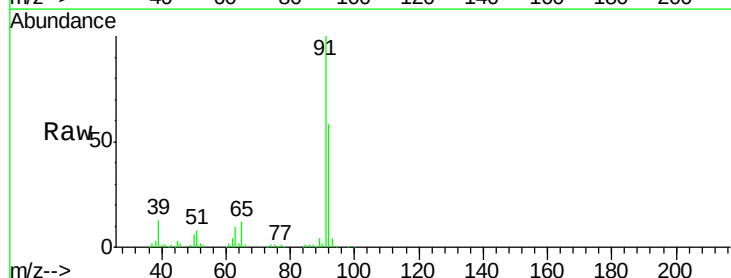
Instrument :
MSVOA_N
ClientSampled :

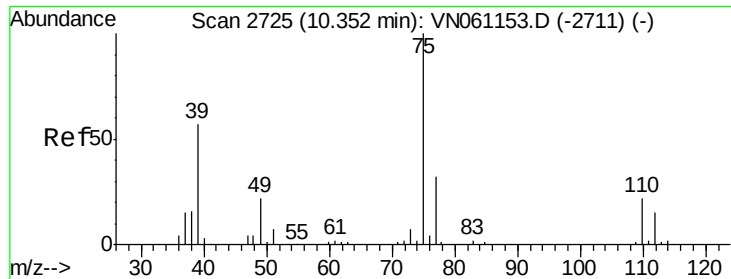
Tot Ion: 43 Resp: 574587
Ion Ratio Lower Upper
43 100
58 35.9 29.1 43.7



#52
Toluene
Concen: 54.288 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 92 Resp: 170476
Ion Ratio Lower Upper
92 100
91 169.7 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 56.012 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

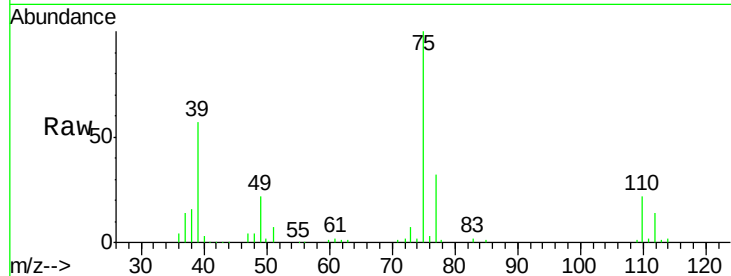
ClientSampled :

Tot Ion: 75 Resp: 116826

Ion Ratio Lower Upper

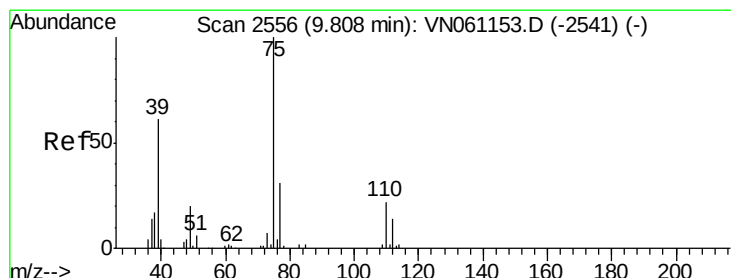
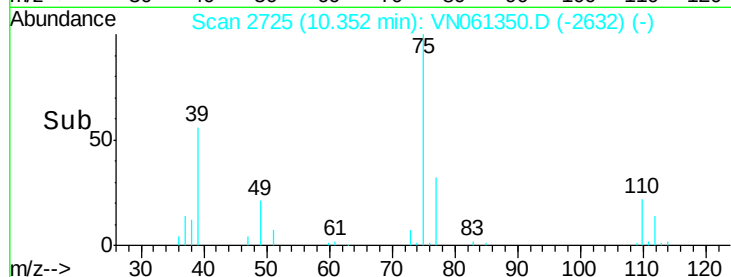
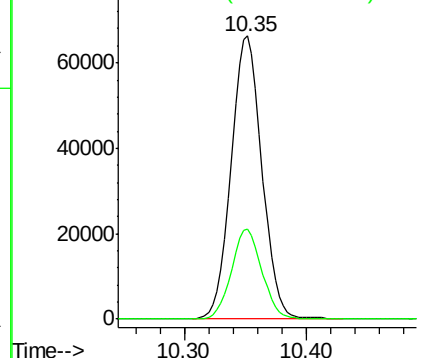
75 100

77 31.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 56.029 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

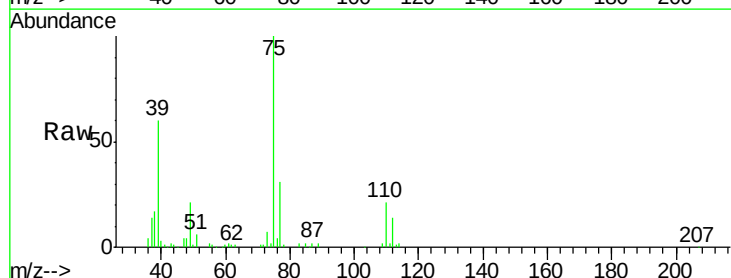
Tgt Ion: 75 Resp: 123546

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

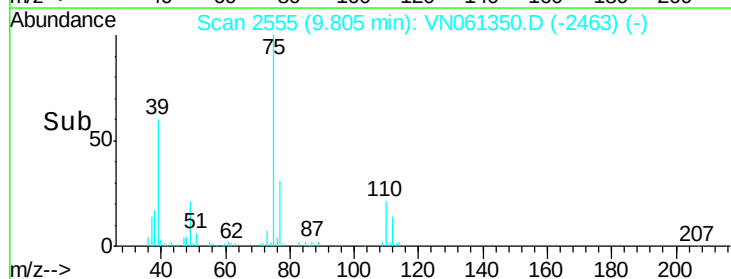
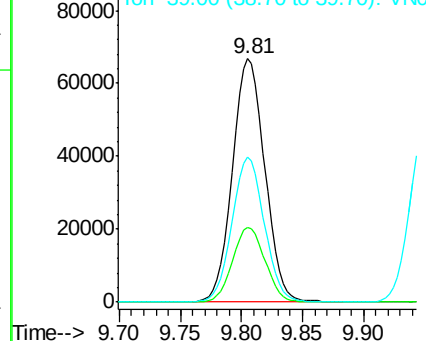
39 59.6 48.7 73.1

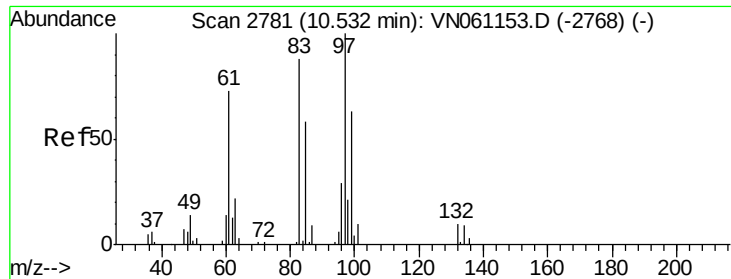


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.918 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

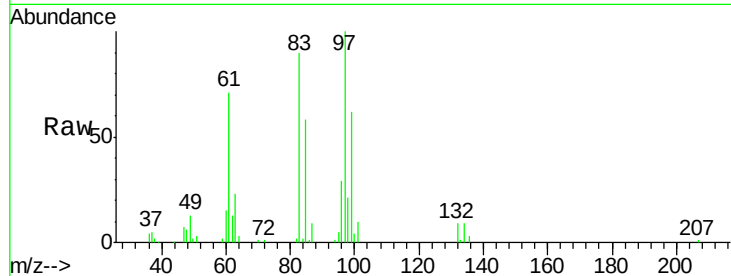
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 67534

Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.6	106.0
85	57.8	46.4	69.6
99	62.3	50.6	75.8

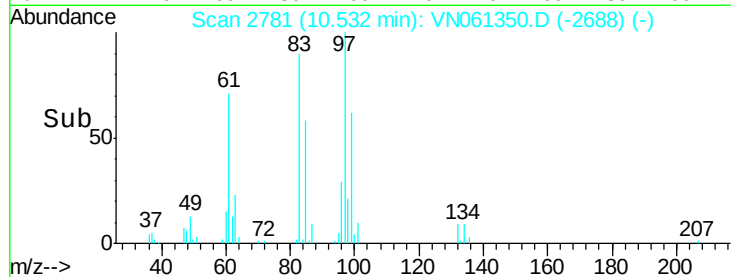


Abundance Ion 96.90 (96.60 to 97.60): VN0

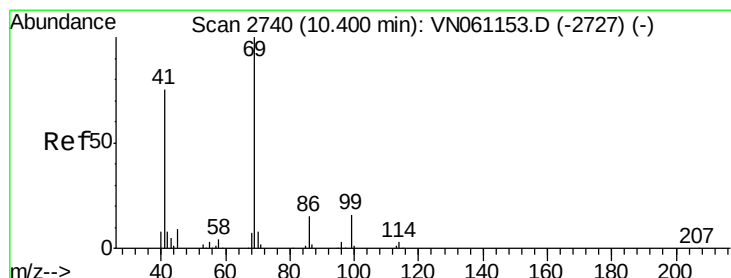
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



Time--> 10.45 10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 51.019 ug/l

RT: 10.40 min Scan# 2740

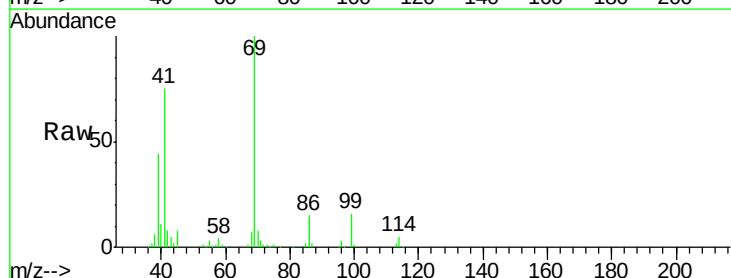
Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Tgt Ion: 69 Resp: 111485

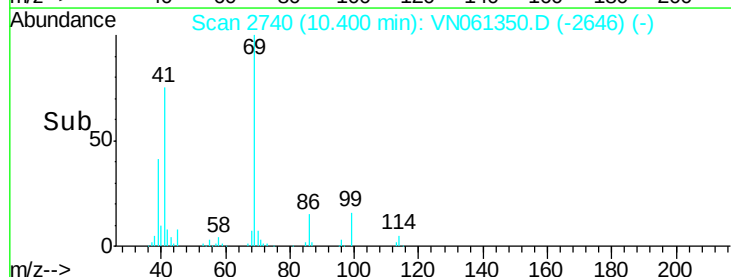
Ion	Ratio	Lower	Upper
69	100		
41	77.5	60.3	90.5
39	43.8	35.9	53.9



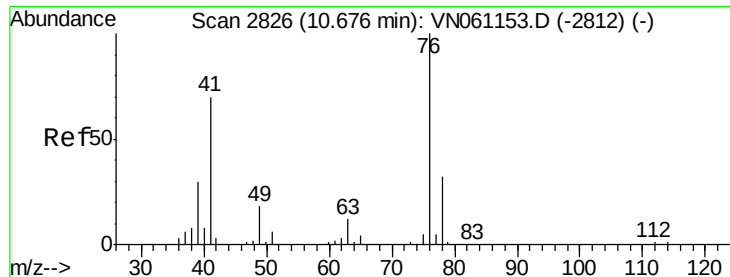
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



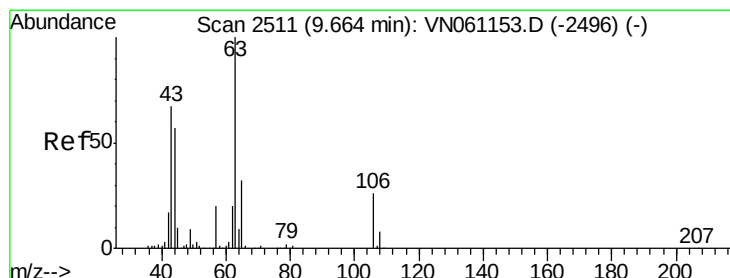
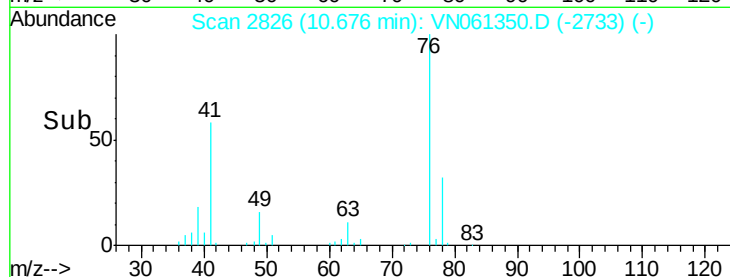
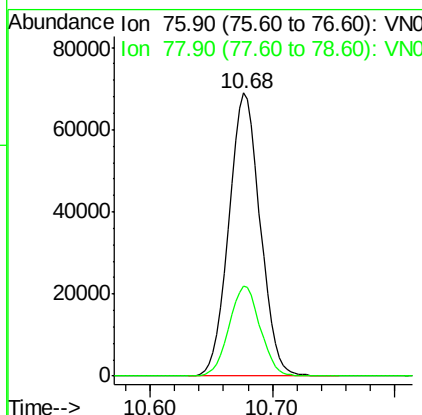
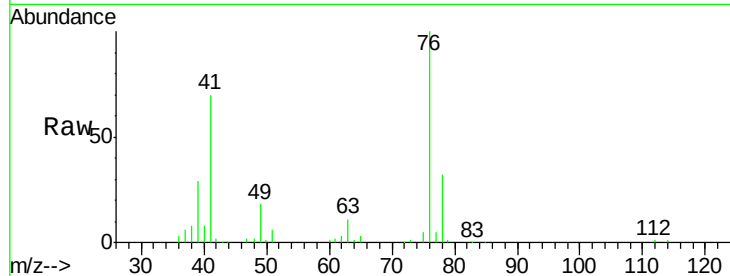
Time--> 10.30 10.40 10.50



#57
 1,3-Dichloropropane
 Concen: 55.928 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

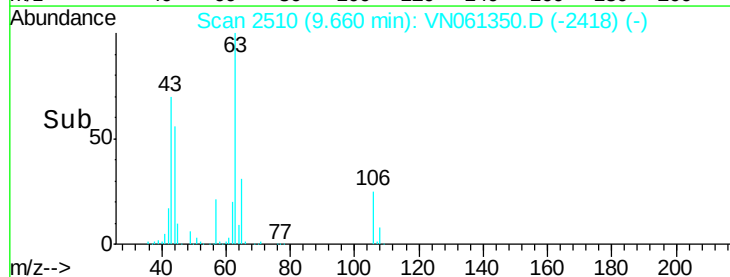
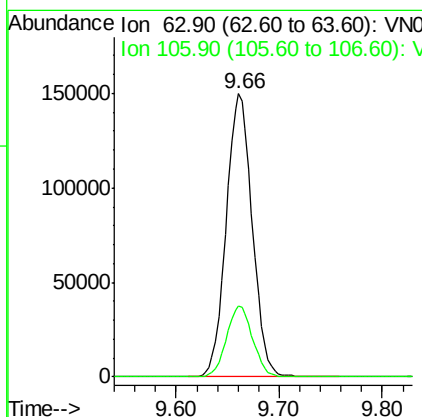
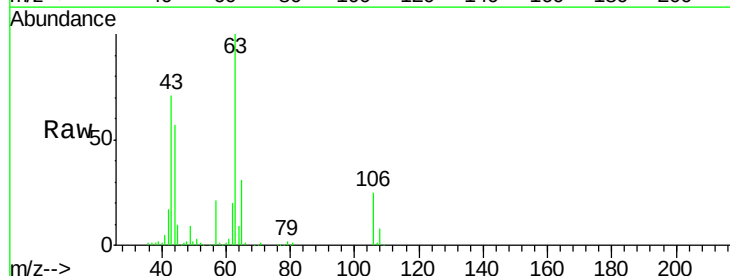
Instrument :
 MSVOA_N
 ClientSampled :

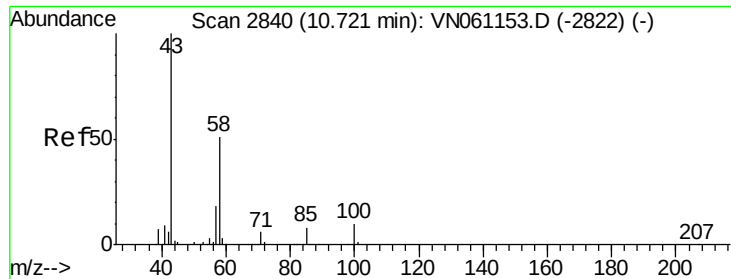
Tot Ion: 76 Resp: 123134
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.956 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 63 Resp: 263560
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.6 30.8

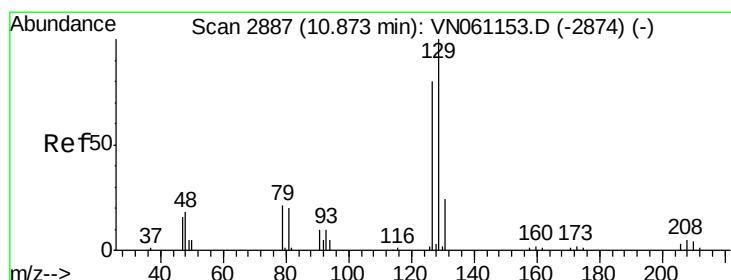
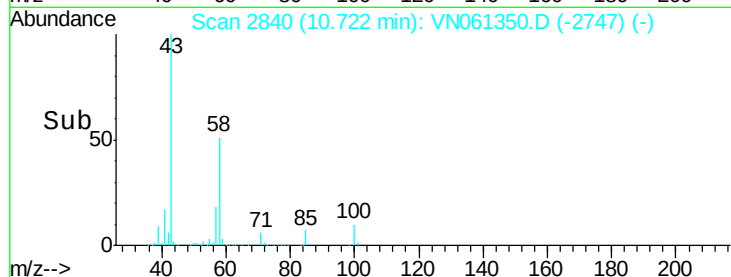
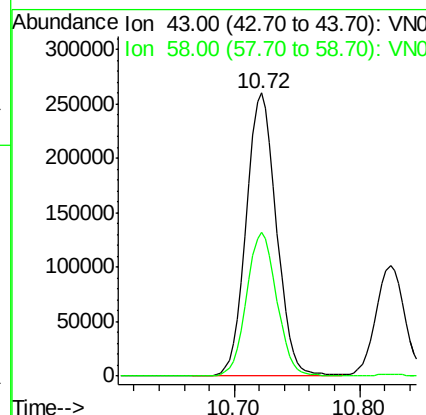
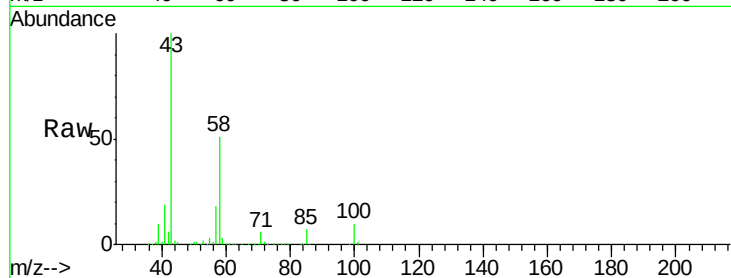




#59
2-Hexanone
Concen: 298.053 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

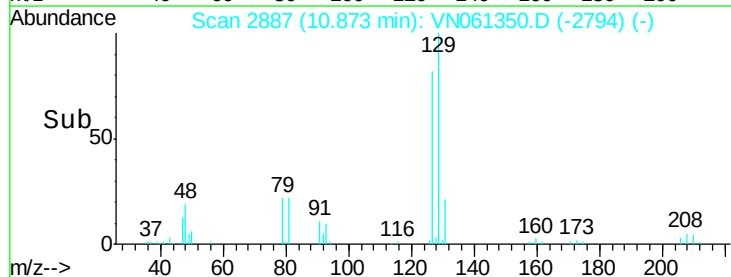
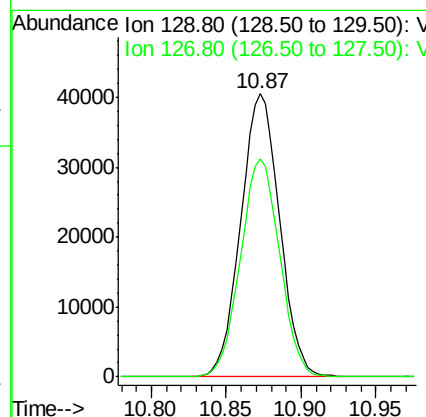
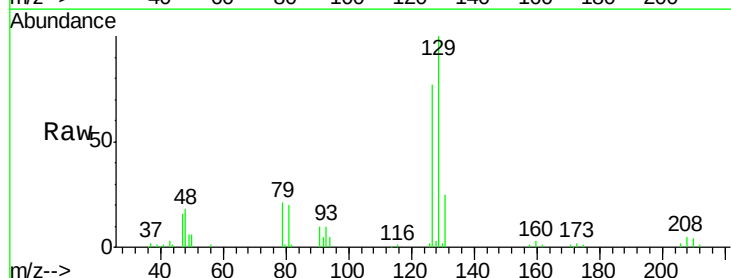
Instrument :
MSVOA_N
ClientSampled :

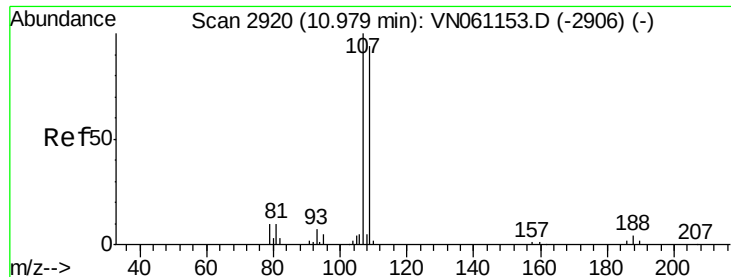
Tot Ion: 43 Resp: 434556
Ion Ratio Lower Upper
43 100
58 50.6 25.4 76.4



#60
Dibromochloromethane
Concen: 55.852 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion: 129 Resp: 73269
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8

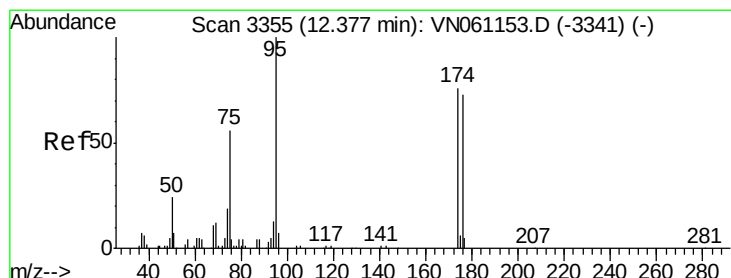
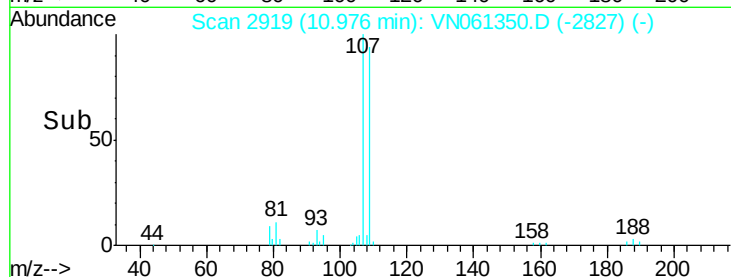
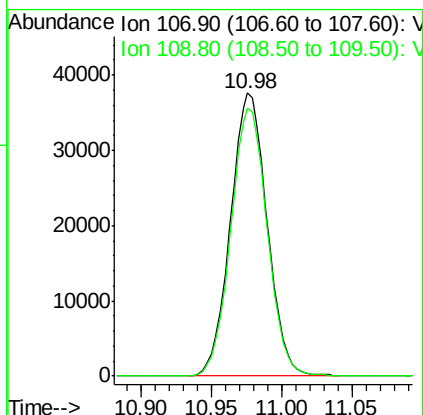
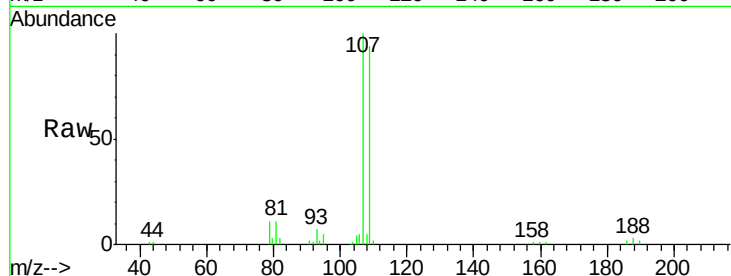




#61
 1,2-Dibromoethane
 Concen: 54.326 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

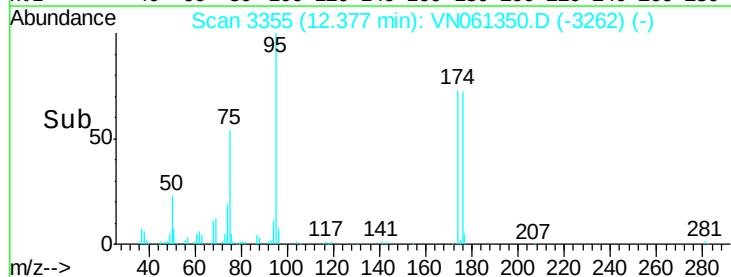
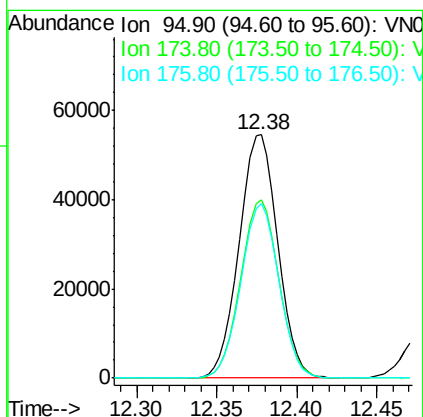
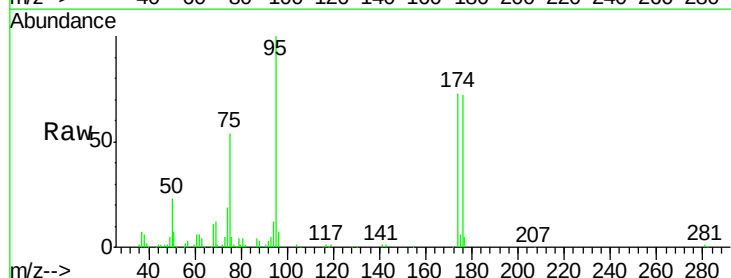
Instrument :
 MSVOA_N
 ClientSampleId :

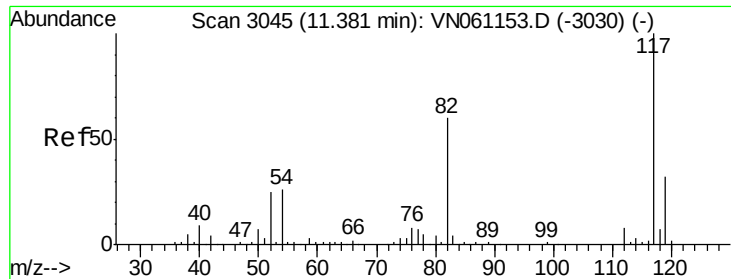
Tot Ion:107 Resp: 68202
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 56.631 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 95 Resp: 89802
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 149.4
 176 70.7 0.0 144.8

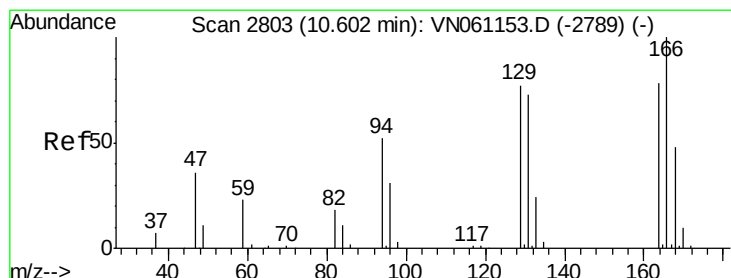
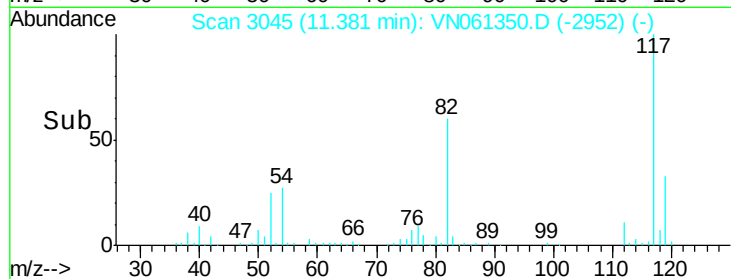
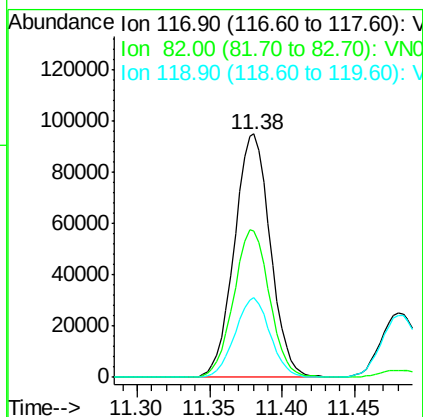
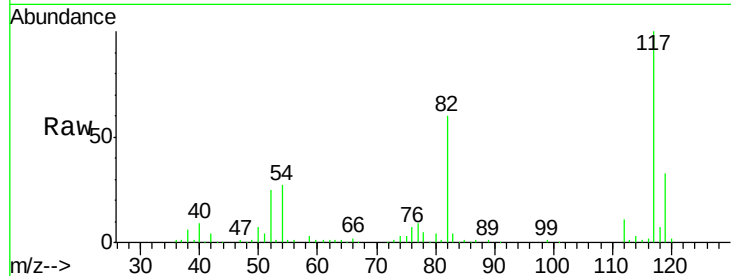




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

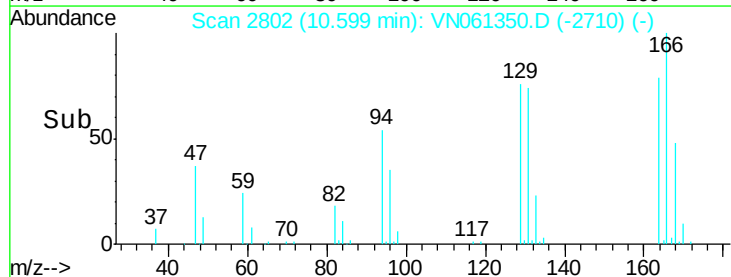
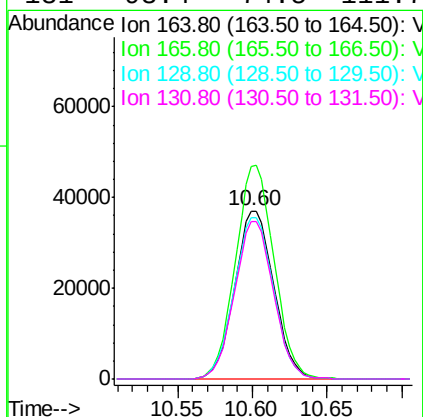
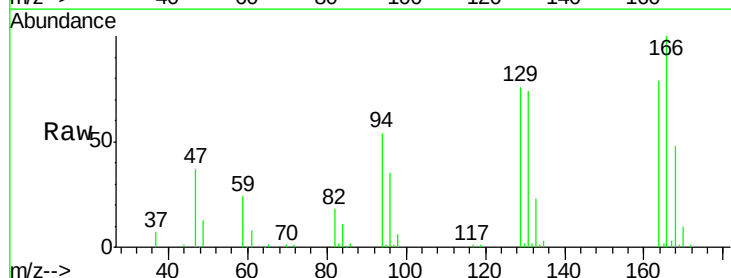
Instrument :
MSVOA_N
ClientSampled :

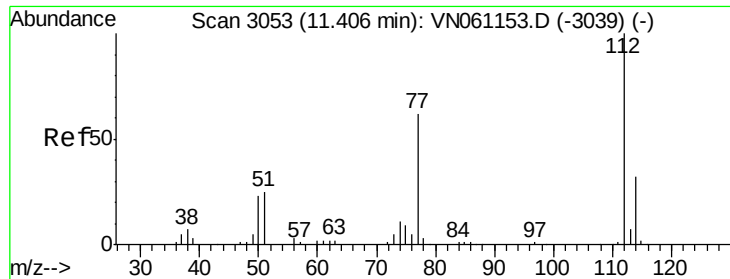
Tot Ion:117 Resp: 163567
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 47.483 ug/l
RT: 10.60 min Scan# 2802
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion:164 Resp: 67268
Ion Ratio Lower Upper
164 100
166 125.9 102.0 153.0
129 96.0 78.2 117.2
131 93.4 74.5 111.7

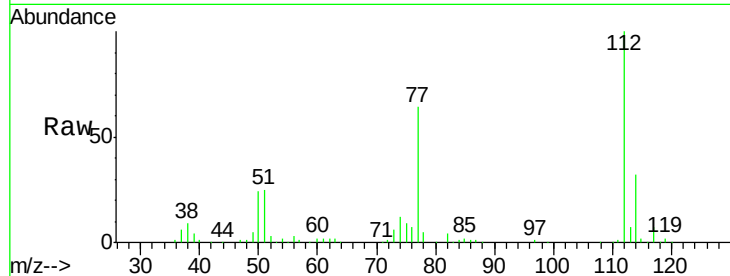




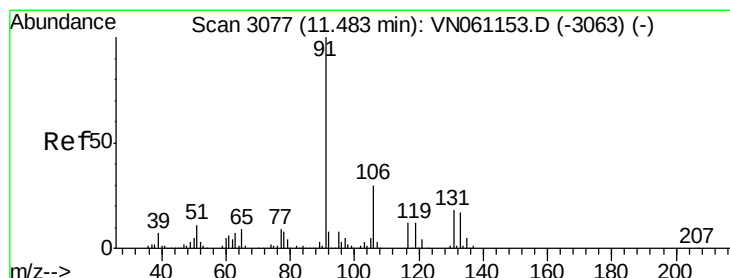
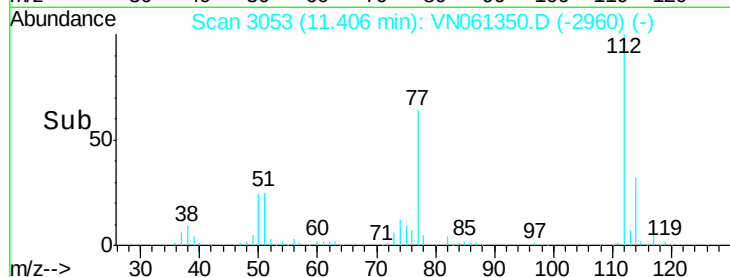
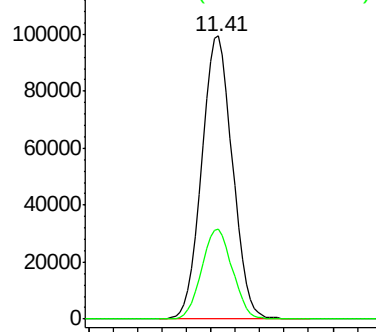
#65
Chlorobenzene
Concen: 53.696 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 174224
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

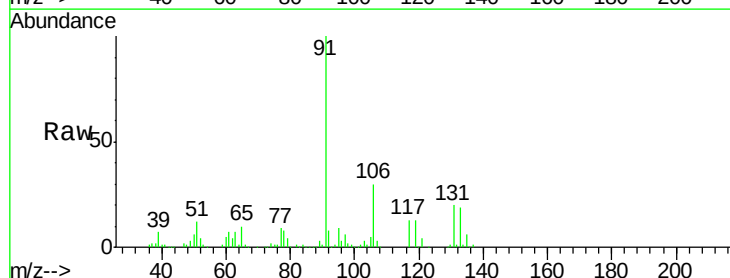


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

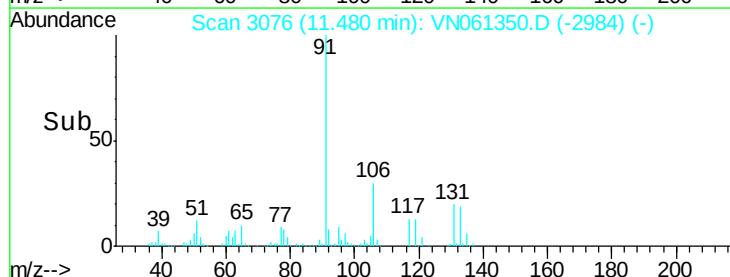
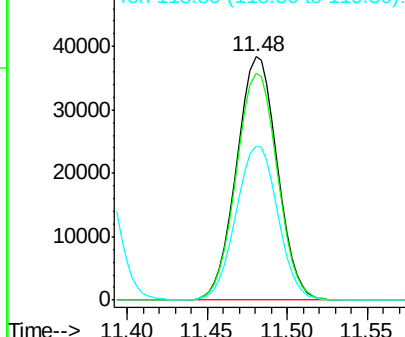


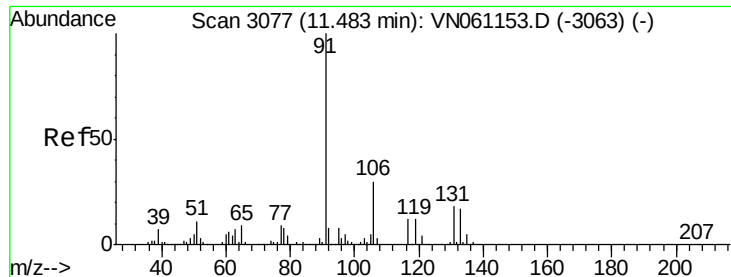
#66
1,1,1,2-Tetrachloroethane
Concen: 57.422 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion:131 Resp: 66683
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 64.7 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.880 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

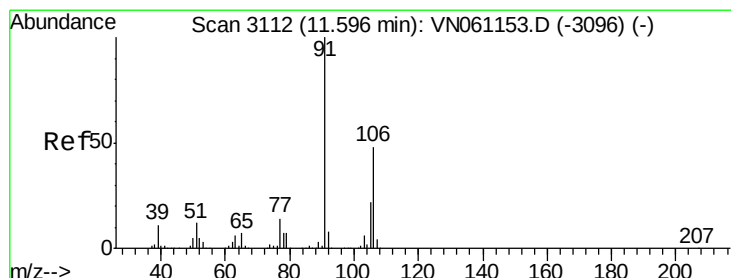
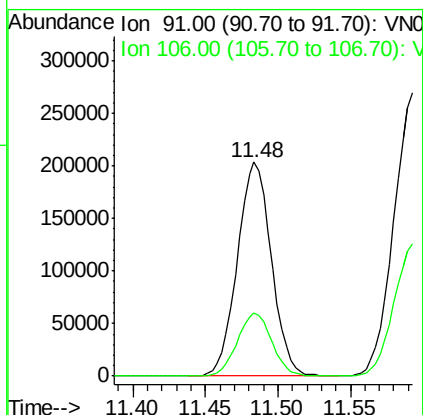
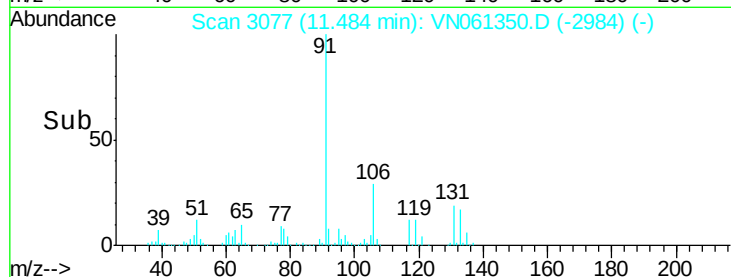
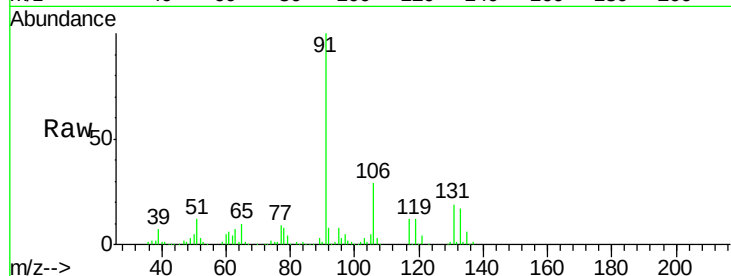
ClientSampled :

Tot Ion: 91 Resp: 333334

Ion Ratio Lower Upper

91 100

106 29.4 23.8 35.6



#68

m/p-Xylenes

Concen: 109.629 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061350.D

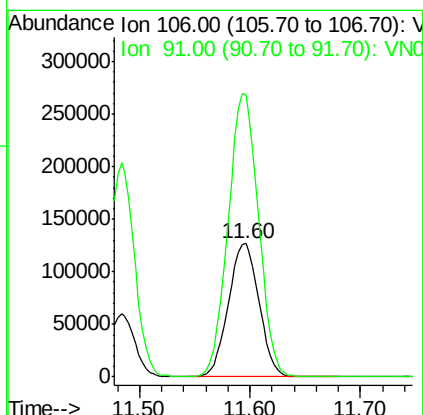
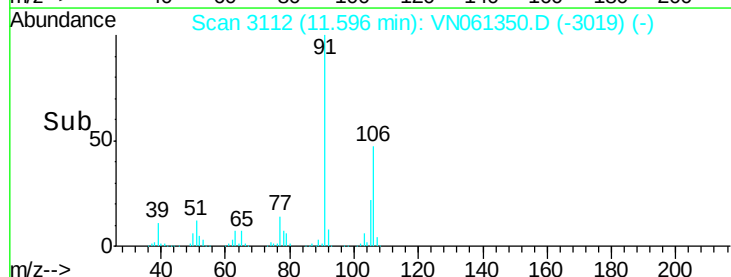
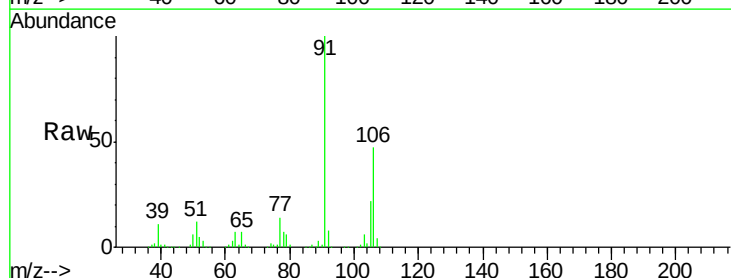
Acq: 8 May 2020 10:04

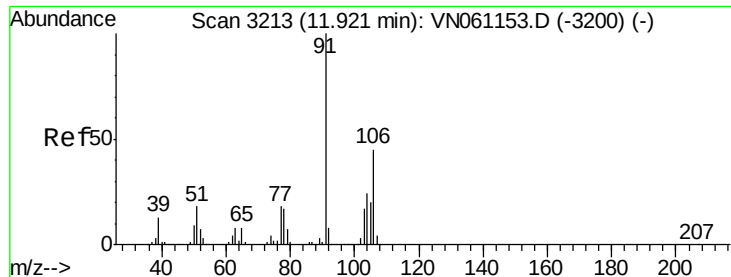
Tgt Ion:106 Resp: 243730

Ion Ratio Lower Upper

106 100

91 211.5 166.4 249.6

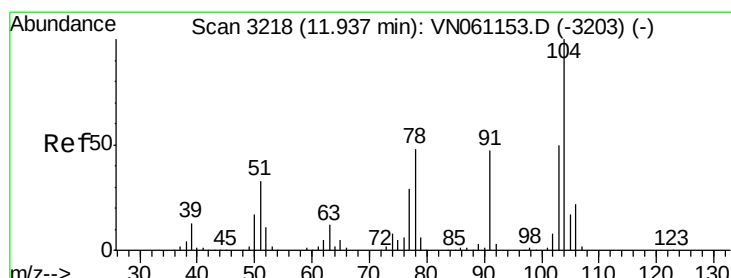
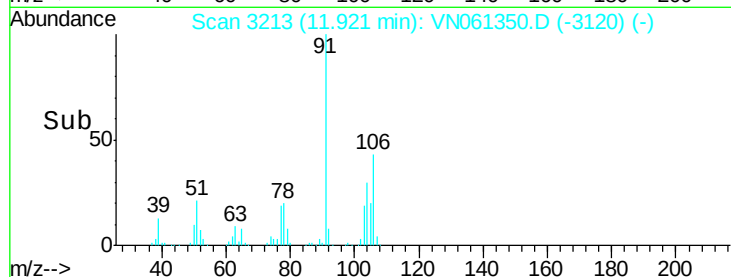
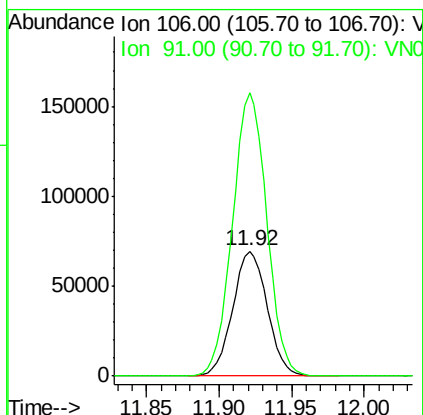
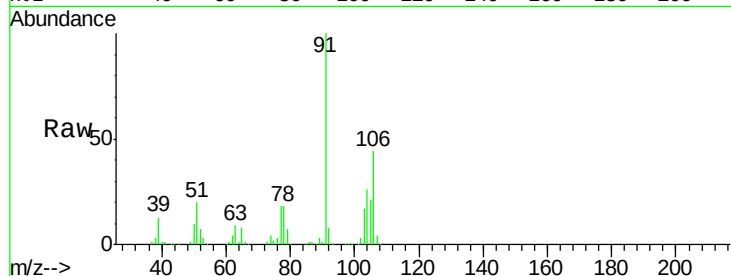




#69
o-Xylene
Concen: 53.706 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

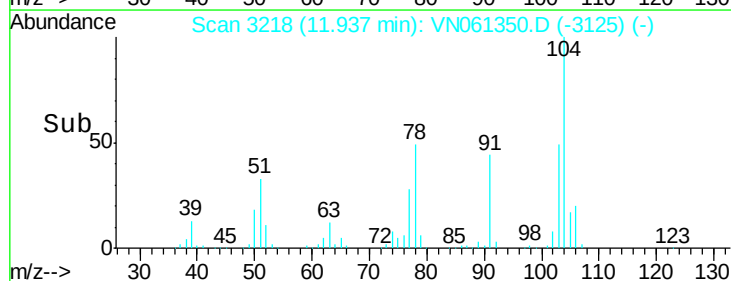
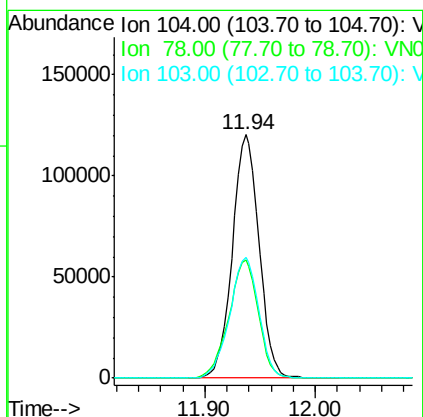
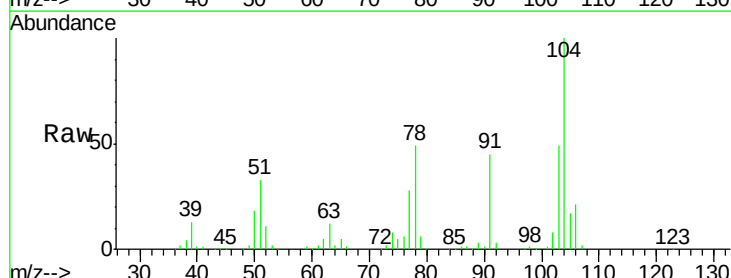
Instrument :
MSVOA_N
ClientSampled :

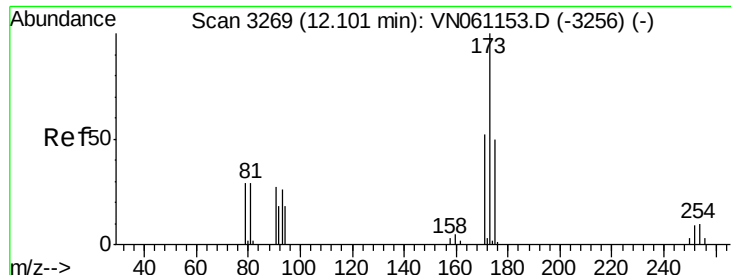
Tot Ion:106 Resp: 114691
Ion Ratio Lower Upper
106 100
91 224.8 109.7 329.0



#70
Styrene
Concen: 56.628 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion:104 Resp: 202404
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 54.0 43.3 64.9





#71

Bromoform

Concen: 58.663 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

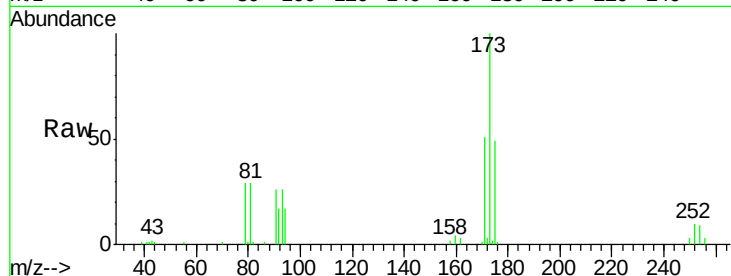
Tot Ion:173 Resp: 50068

Ion Ratio Lower Upper

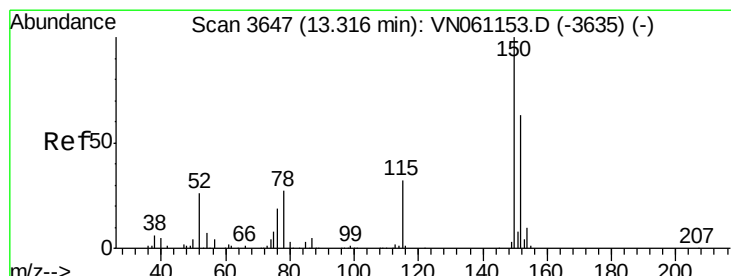
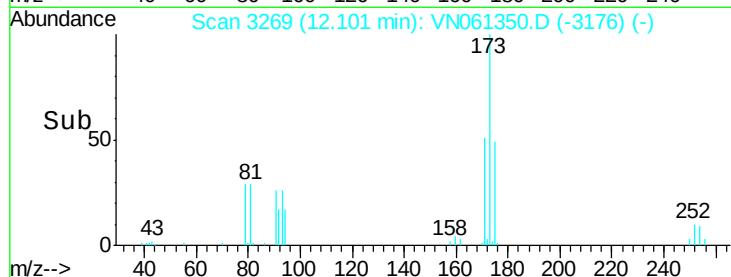
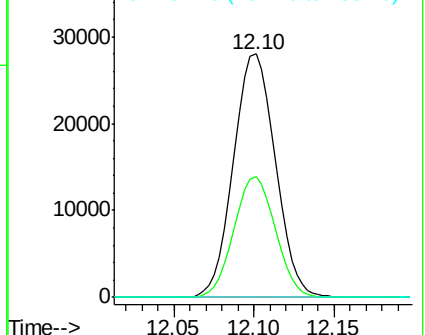
173 100

175 48.9 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# 3648

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

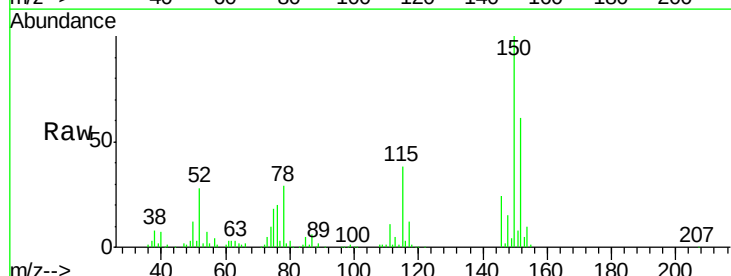
Tgt Ion:152 Resp: 79858

Ion Ratio Lower Upper

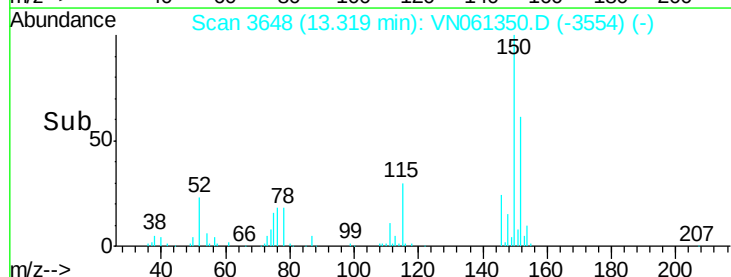
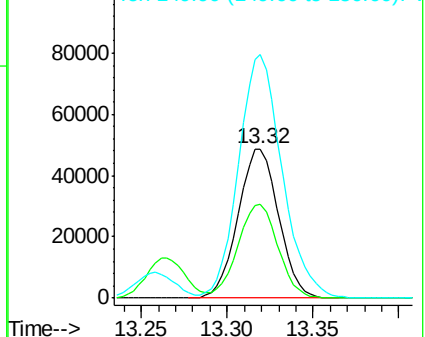
152 100

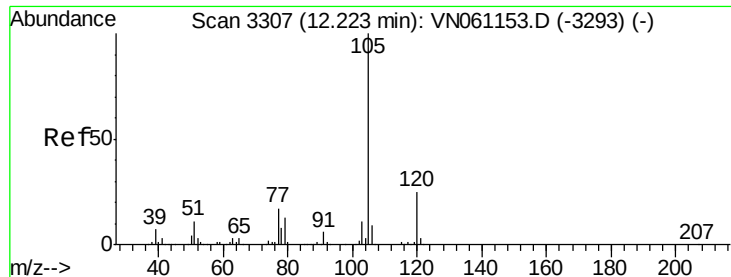
115 62.6 31.0 93.0

150 175.4 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: 53.978 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

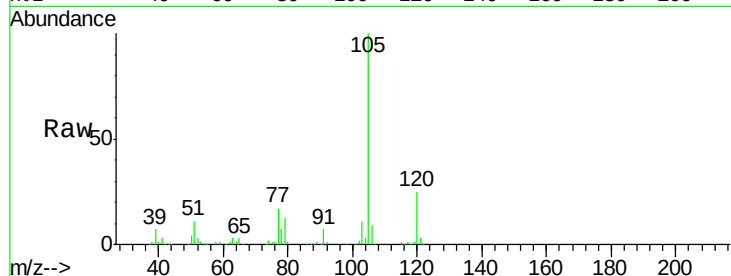
ClientSampleId :

Tot Ion:105 Resp: 316891

Ion Ratio Lower Upper

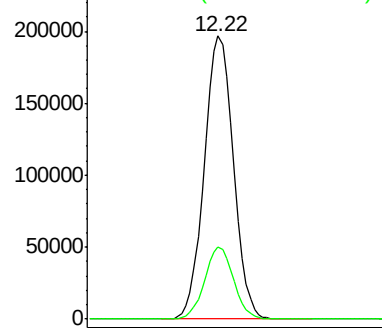
105 100

120 25.1 12.6 37.8

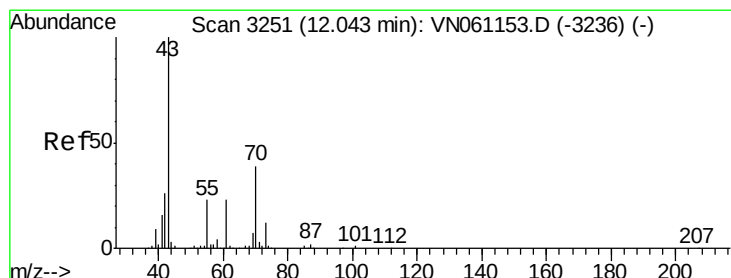
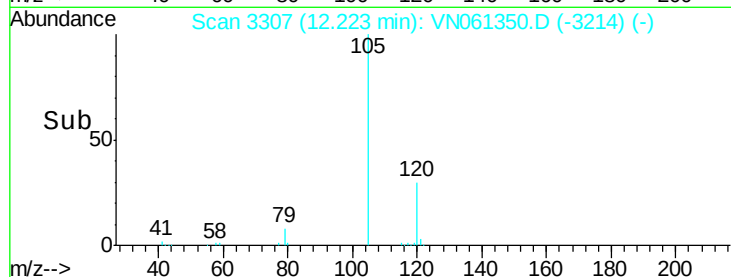


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 55.516 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Tgt Ion: 43 Resp: 165039

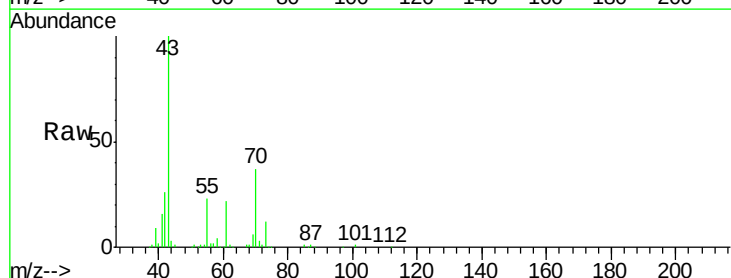
Ion Ratio Lower Upper

43 100

70 37.1 30.6 46.0

55 23.4 18.5 27.7

61 21.7 17.9 26.9

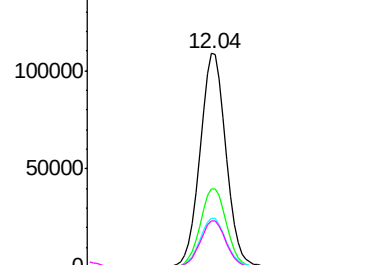


Abundance Ion 43.00 (42.70 to 43.70): V

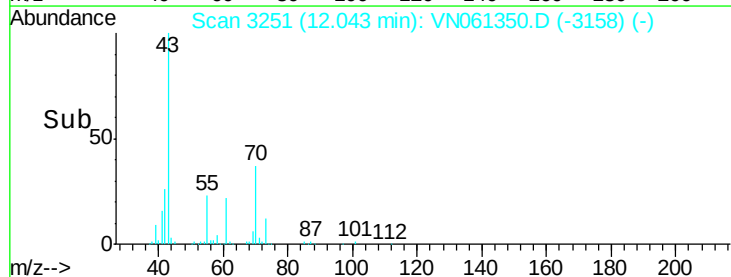
Ion 70.00 (69.70 to 70.70): V

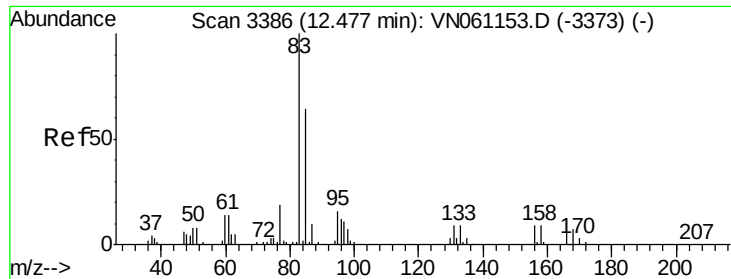
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.692 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

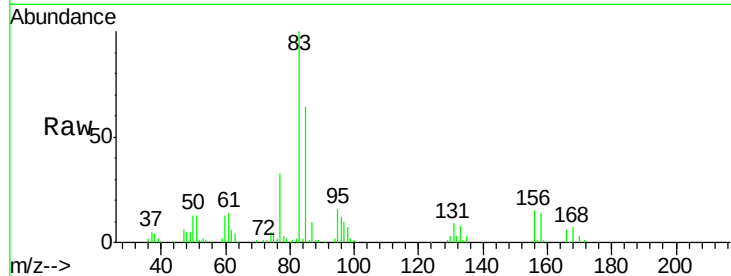
Tot Ion: 83 Resp: 100117

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

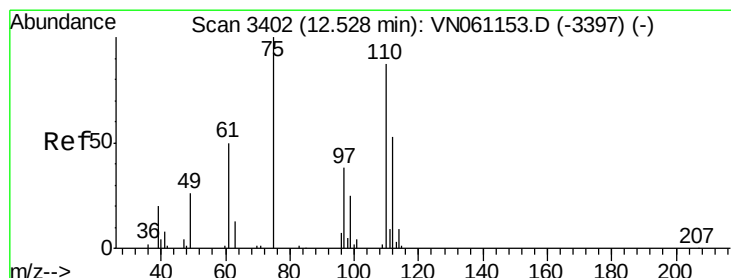
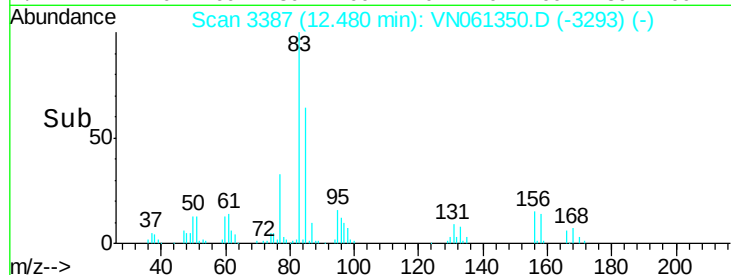
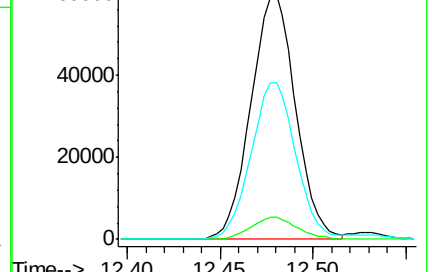
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 83.767 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061350.D

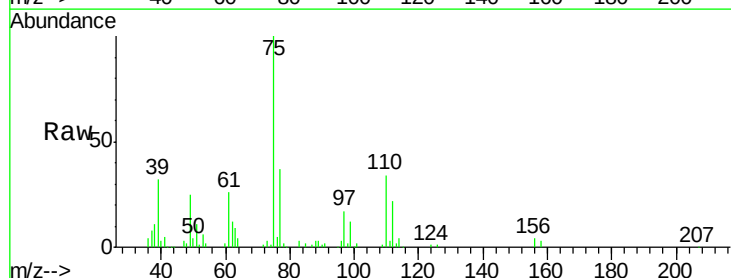
Acq: 8 May 2020 10:04

Tgt Ion: 75 Resp: 141032

Ion Ratio Lower Upper

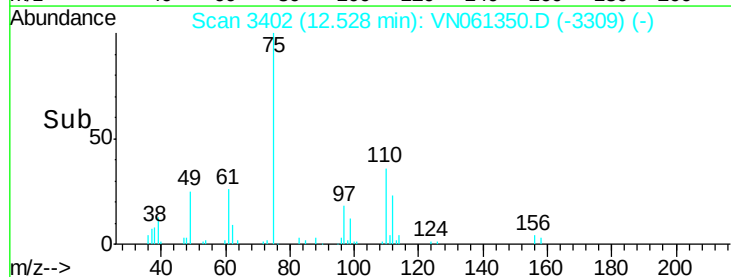
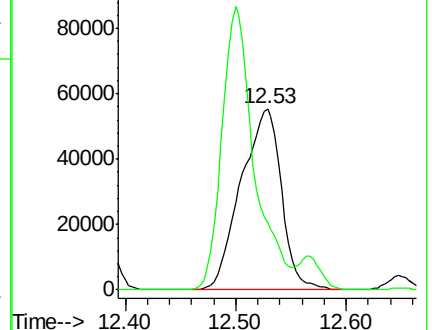
75 100

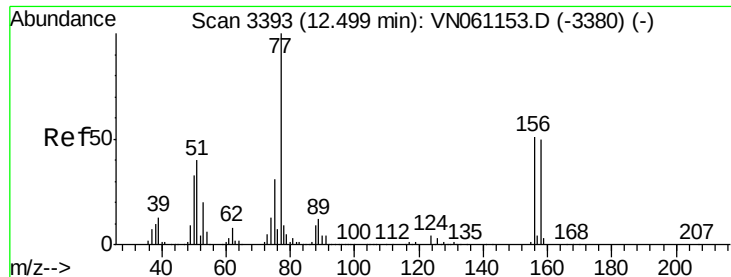
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)





#77

Bromobenzene

Concen: 53.919 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampled :

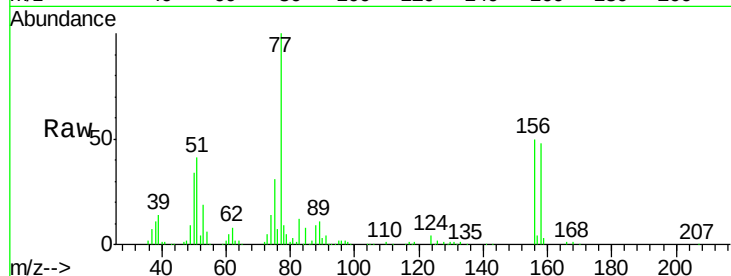
Tot Ion:156 Resp: 73072

Ion Ratio Lower Upper

156 100

77 240.7 117.4 352.2

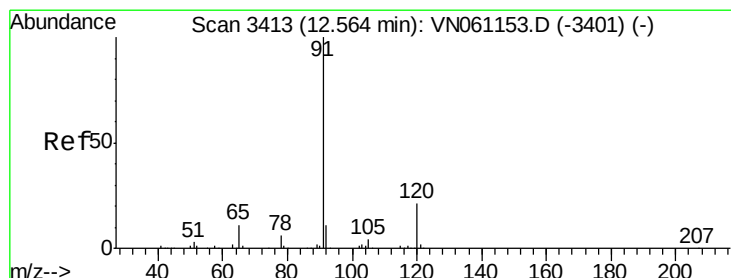
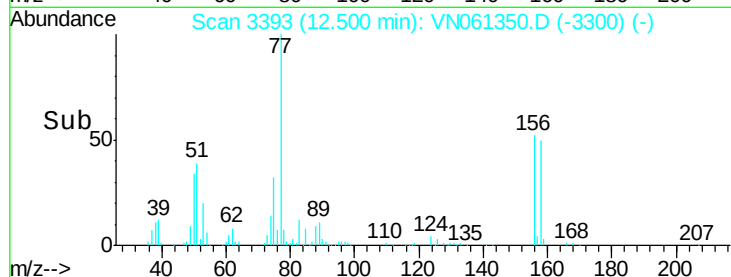
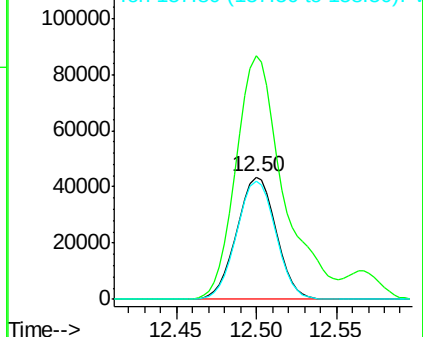
158 96.2 48.4 145.0



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: 54.783 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061350.D

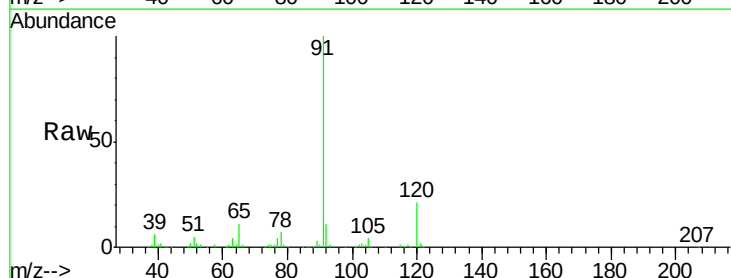
Acq: 8 May 2020 10:04

Tgt Ion: 91 Resp: 381475

Ion Ratio Lower Upper

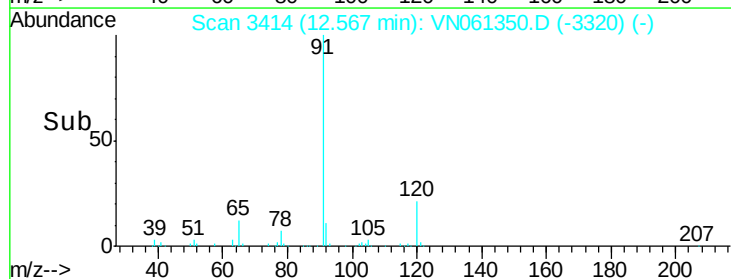
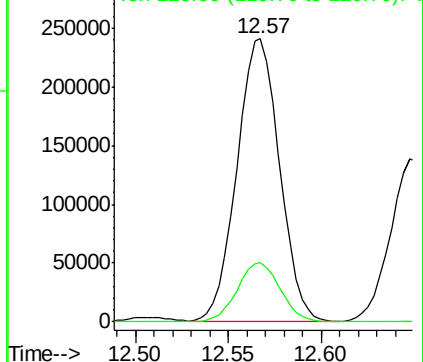
91 100

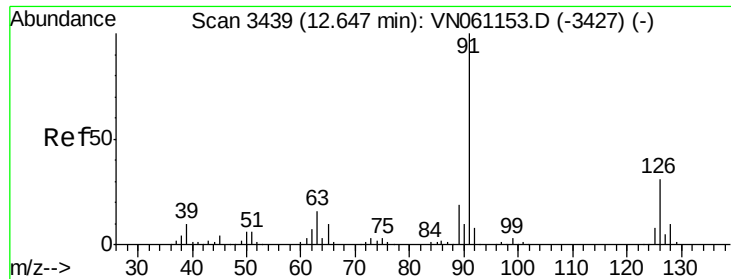
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

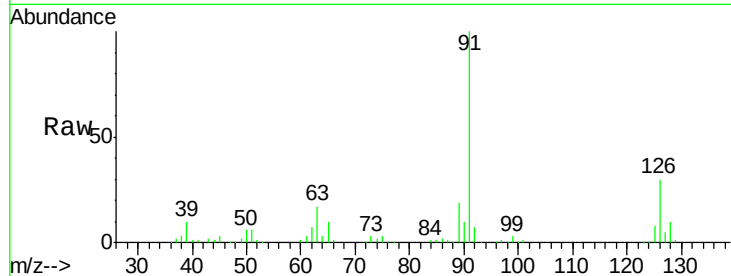




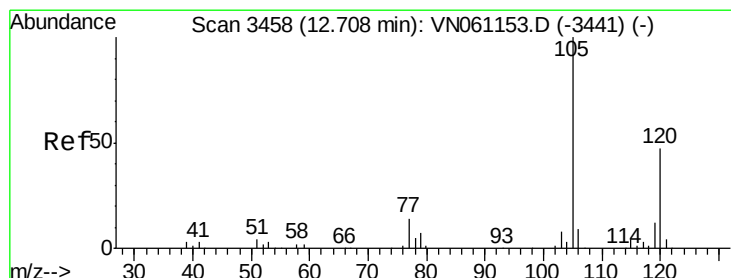
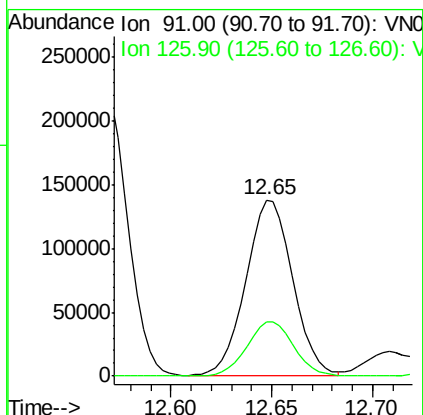
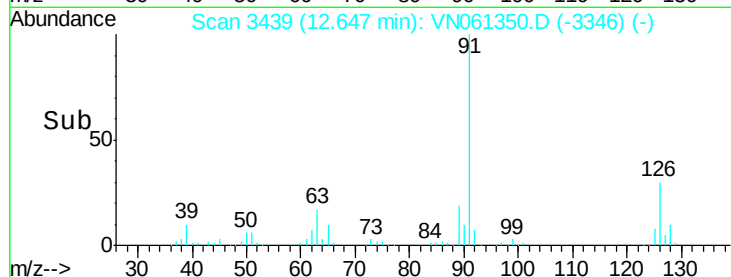
#79
 2-Chlorotoluene
 Concen: 54.647 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 223664
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.9 47.7

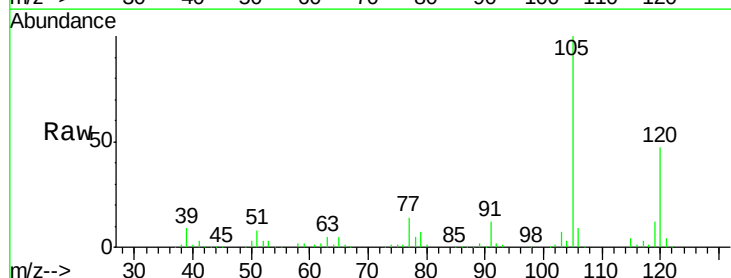


Abundance Ion 91.00 (90.70 to 91.70): VN061350.D (-3346) (-)
 Ion 125.90 (125.60 to 126.60): VN061350.D (-3346) (-)

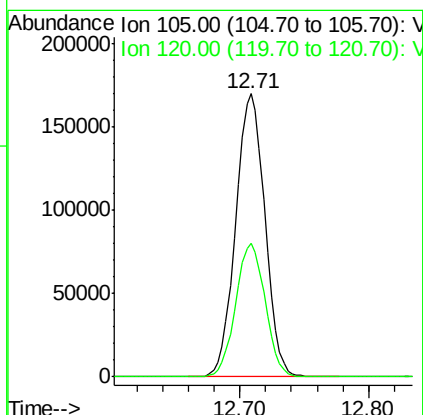
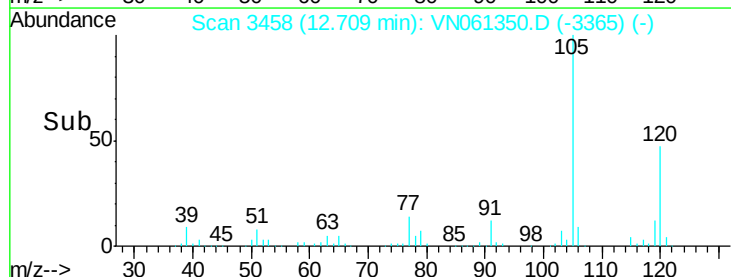


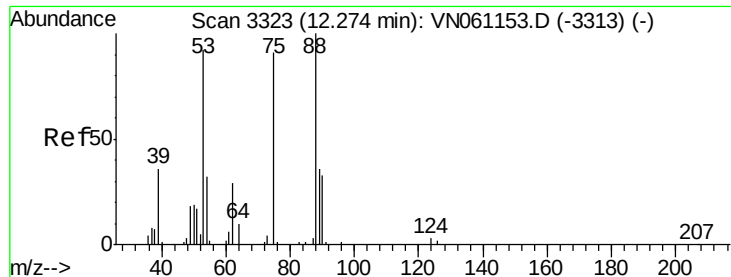
#80
 1,3,5-Trimethylbenzene
 Concen: 55.042 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 105 Resp: 267447
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061350.D (-3365) (-)
 Ion 120.00 (119.70 to 120.70): VN061350.D (-3365) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.204 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

ClientSampleId :

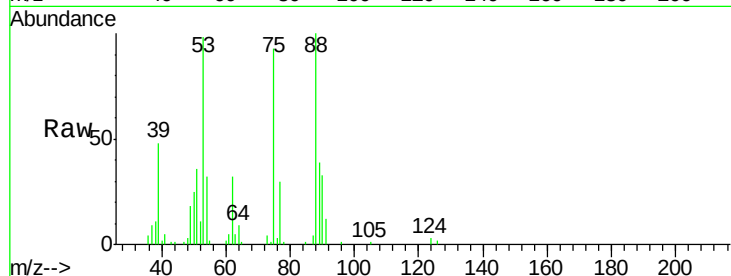
Tot Ion: 75 Resp: 37925

Ion	Ratio	Lower	Upper
75	100		
53	106.9	84.1	126.1
89	43.9	35.2	52.8

75 100

53 106.9 84.1 126.1

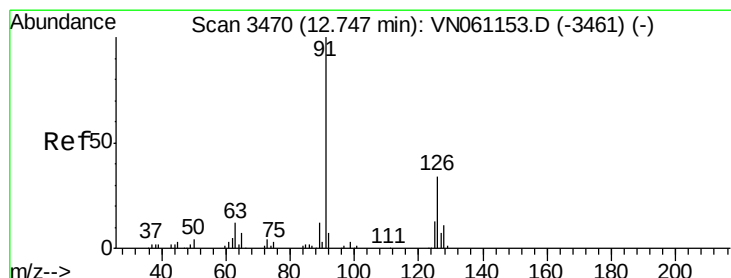
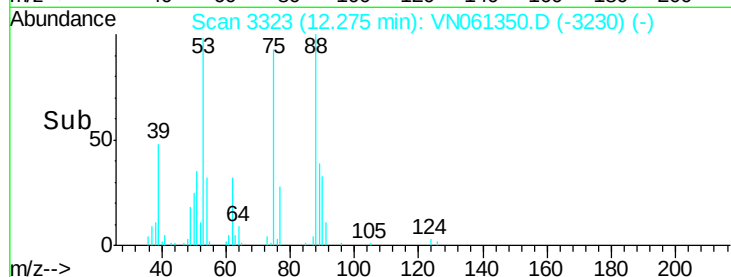
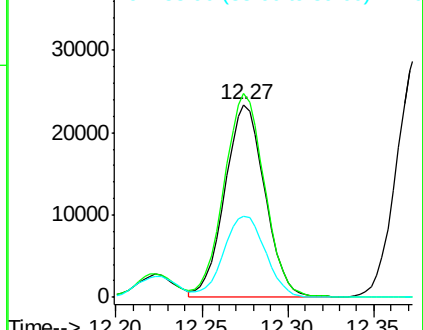
89 43.9 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 55.541 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061350.D

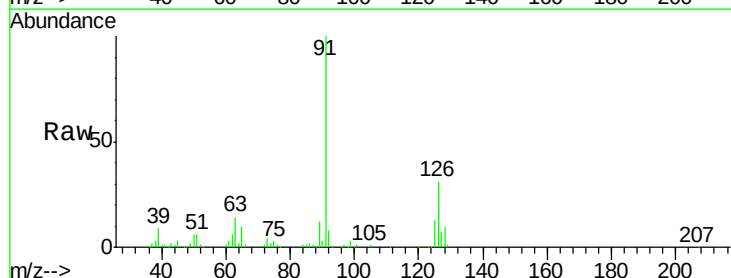
Acq: 8 May 2020 10:04

Tgt Ion: 91 Resp: 239590

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.1

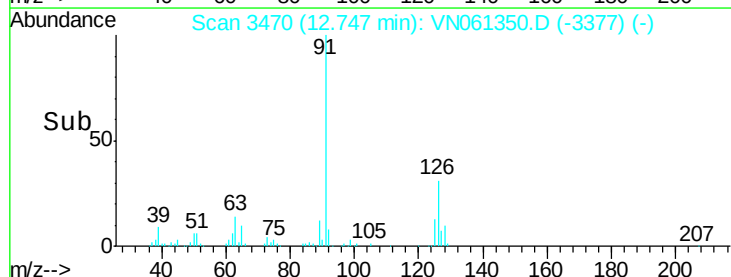
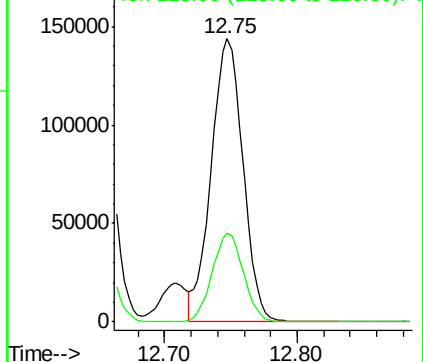
91 100

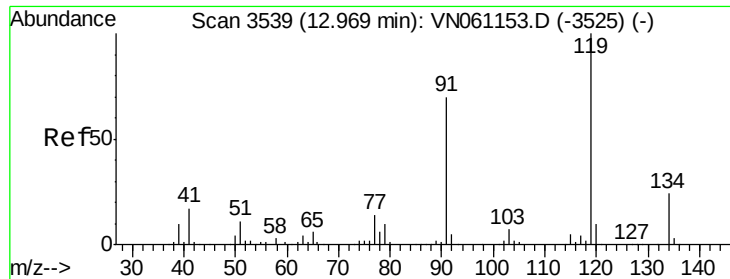
126 30.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

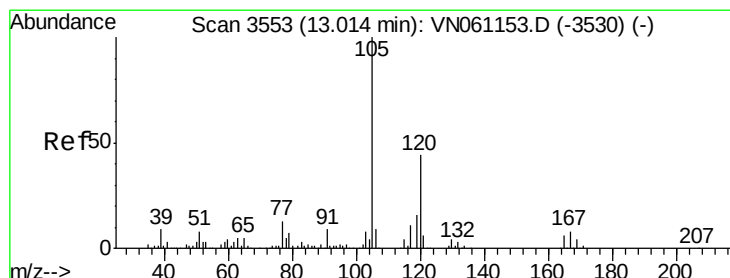
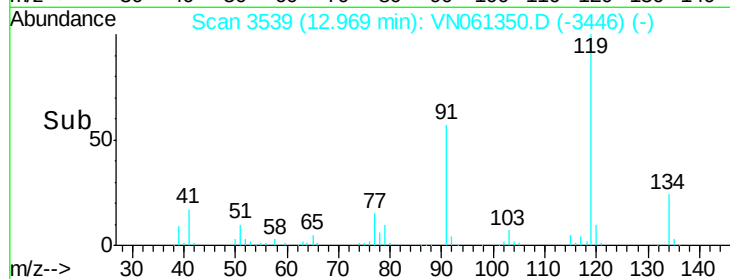
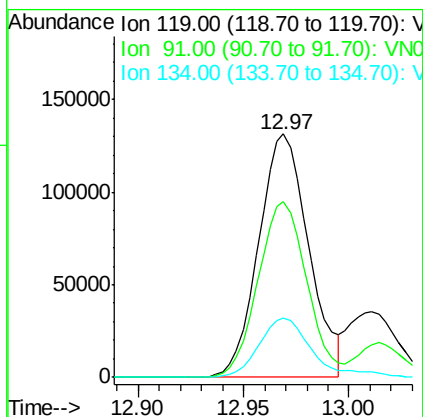
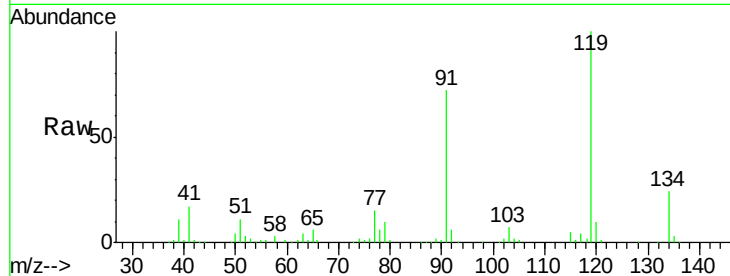




#83
 tert-Butylbenzene
 Concen: 53.011 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

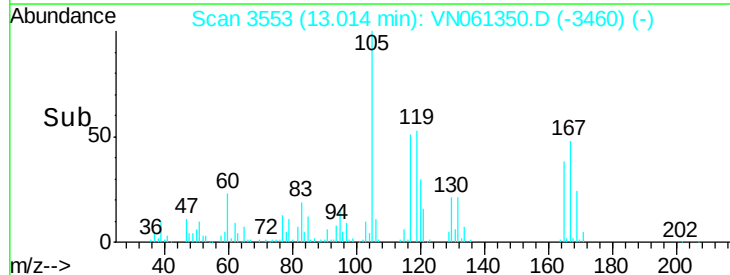
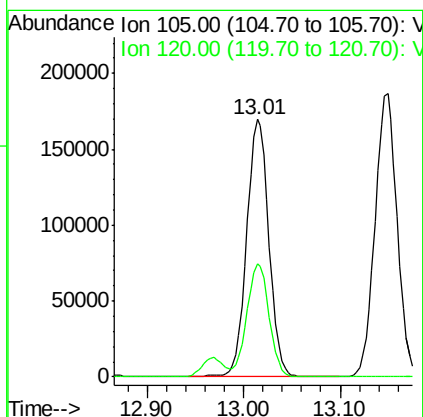
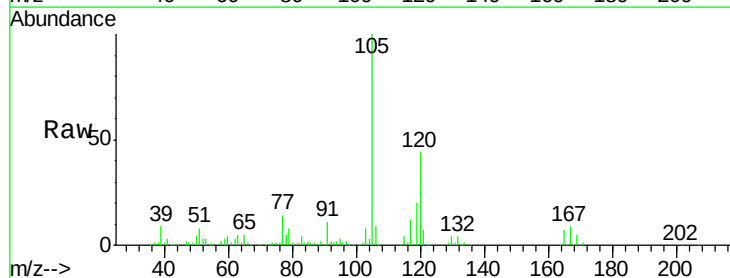
Instrument :
 MSVOA_N
 ClientSampleId :

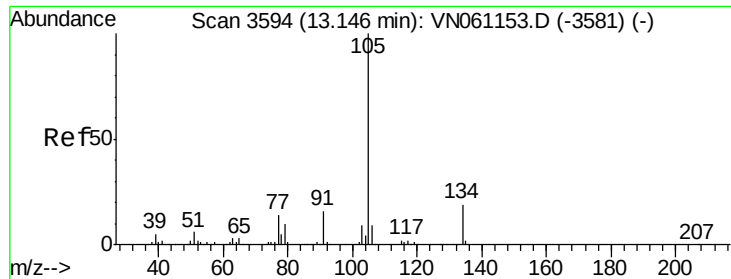
Tot Ion:119 Resp: 217192
 Ion Ratio Lower Upper
 119 100
 91 70.5 34.8 104.4
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.867 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion:105 Resp: 269660
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.884 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

Instrument :

MSVOA_N

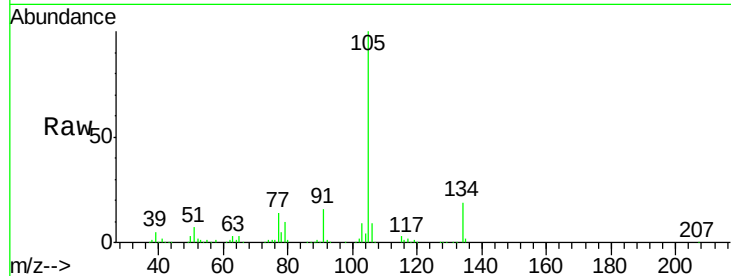
ClientSampleId :

Tot Ion:105 Resp: 295408

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

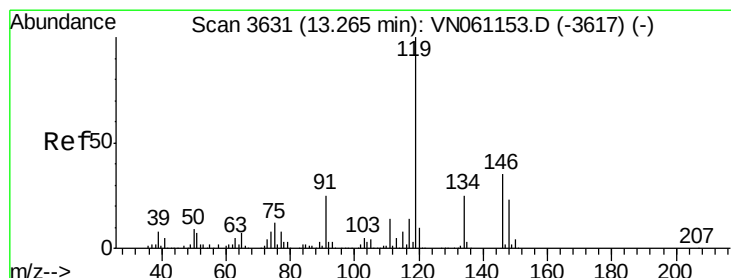
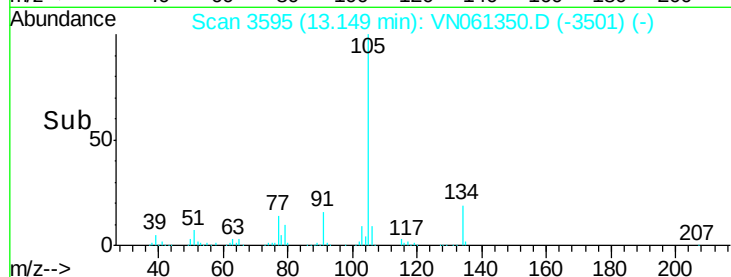
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.803 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061350.D

Acq: 8 May 2020 10:04

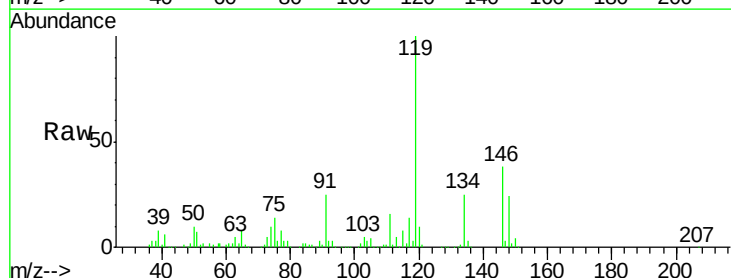
Tgt Ion:119 Resp: 270782

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.6

91 25.0 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

13.26

200000

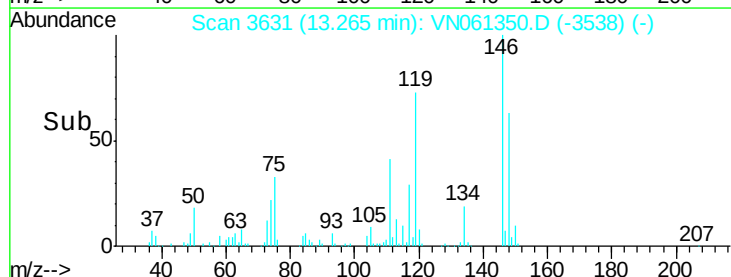
150000

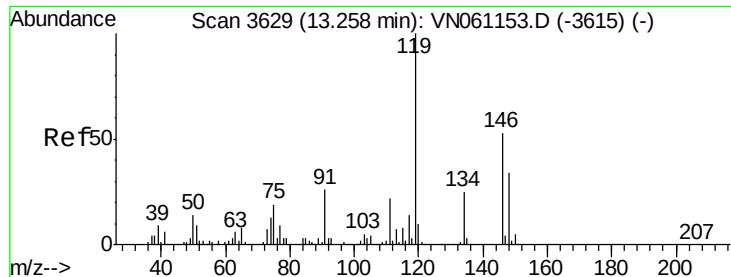
100000

50000

0

Time-->

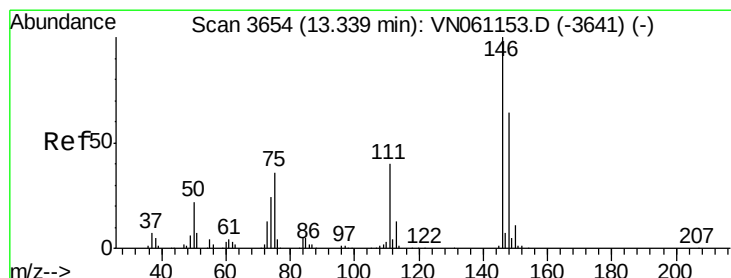
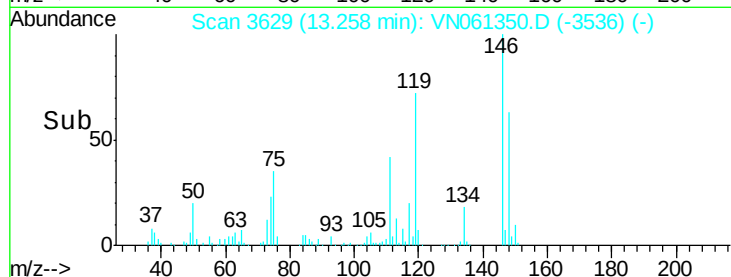
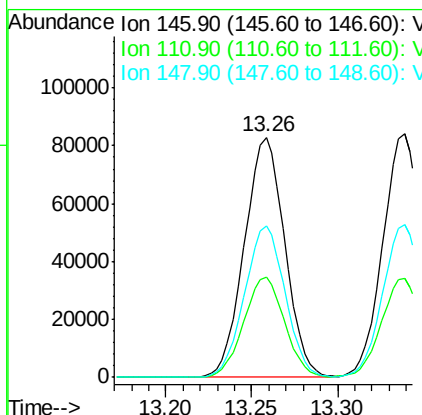
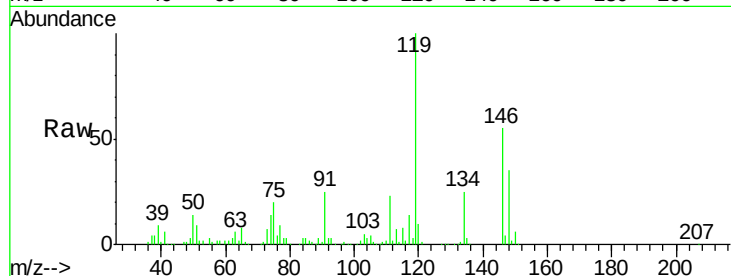




#87
 1,3-Dichlorobenzene
 Concen: 54.201 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

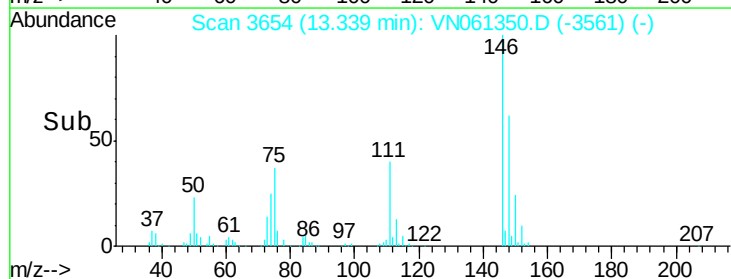
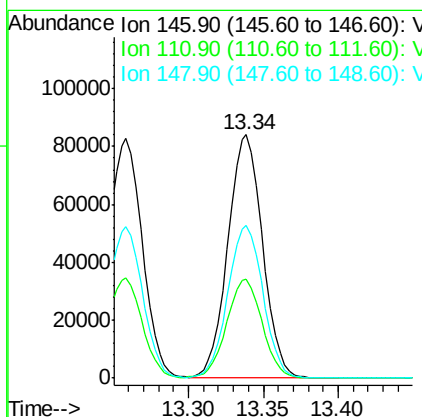
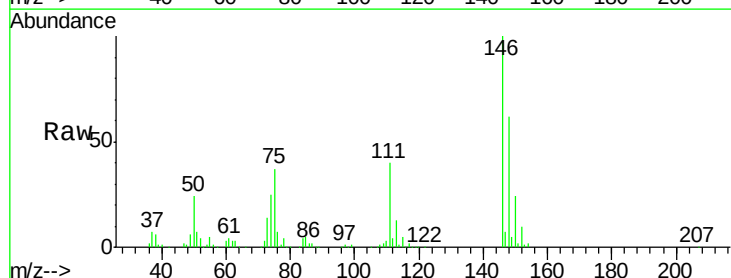
Instrument :
 MSVOA_N
 ClientSampled :

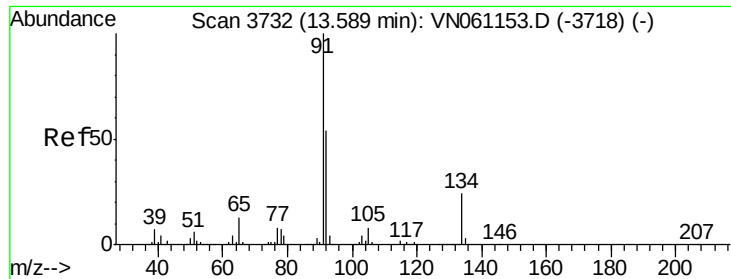
Tot Ion:146 Resp: 135225
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.357 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion:146 Resp: 136012
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 63.6 31.9 95.7

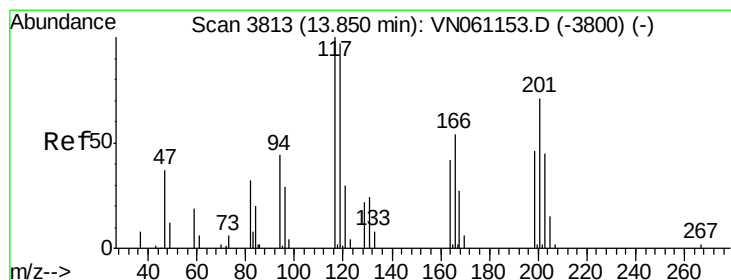
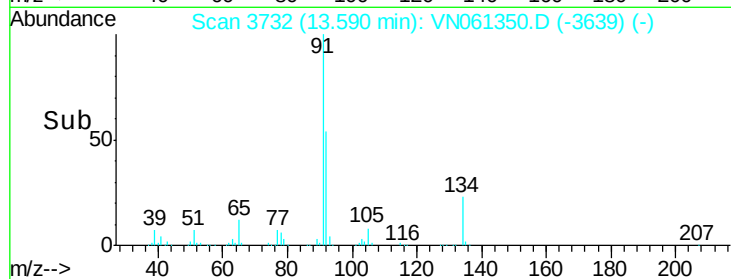
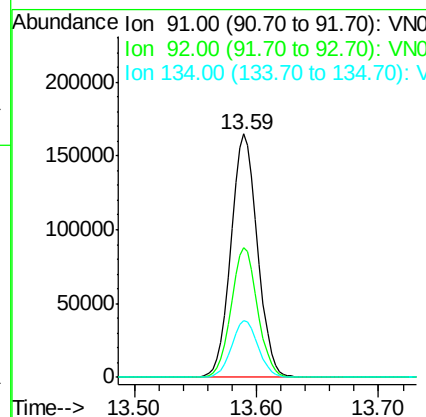
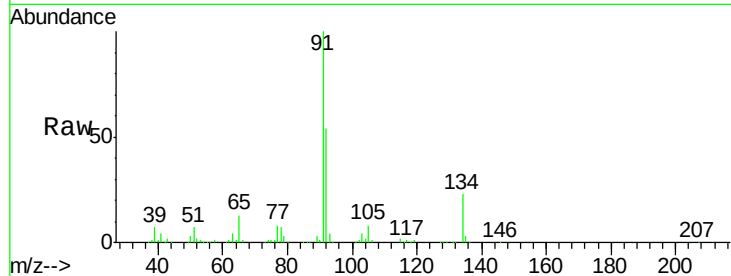




#89
n-Butylbenzene
Concen: 54.400 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

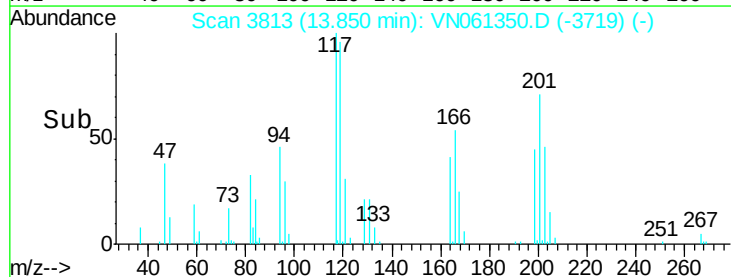
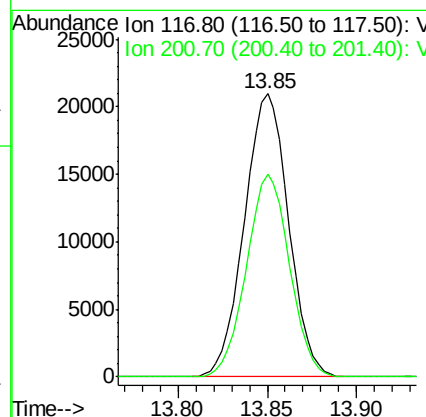
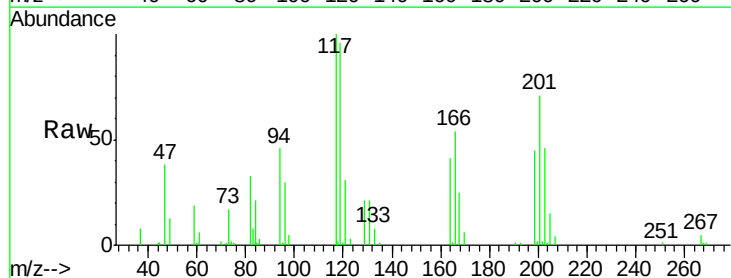
Instrument :
MSVOA_N
ClientSampled :

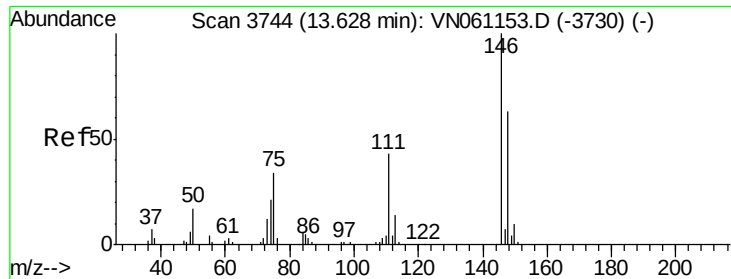
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	23.4	11.9	35.5



#90
Hexachloroethane
Concen: 66.040 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.9	35.5	106.7

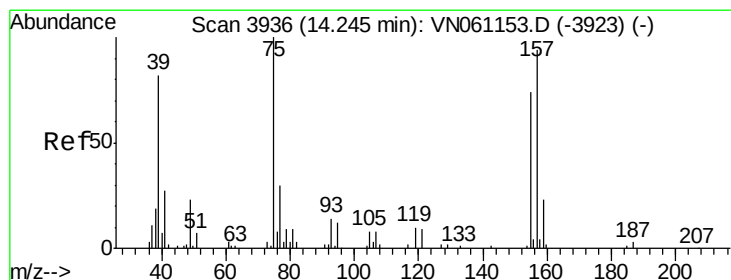
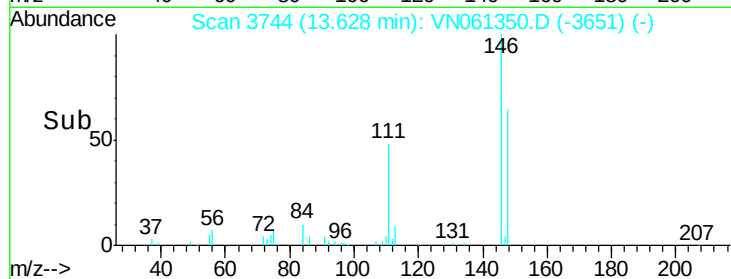
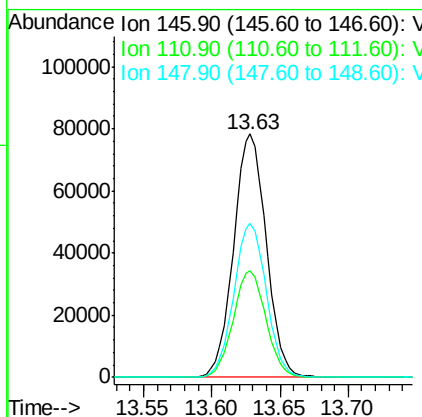
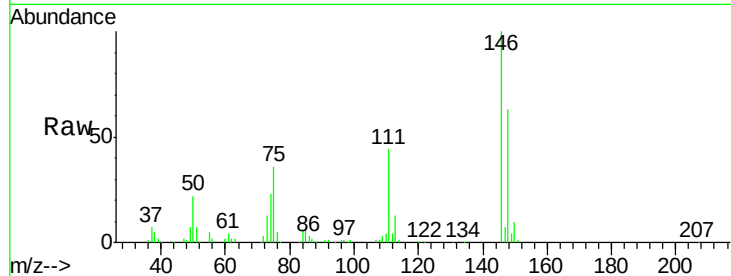




#91
 1,2-Dichlorobenzene
 Concen: 54.367 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

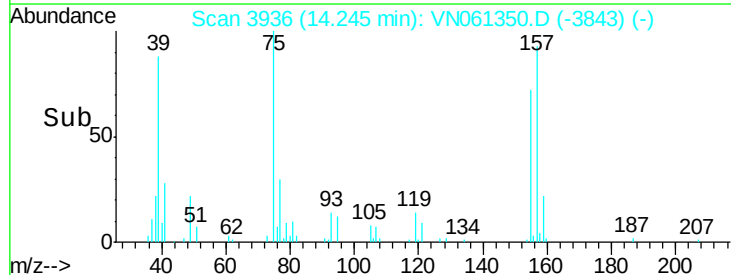
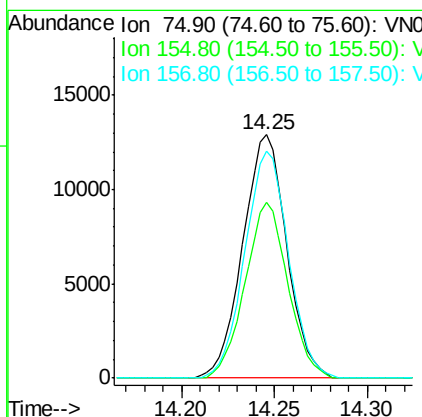
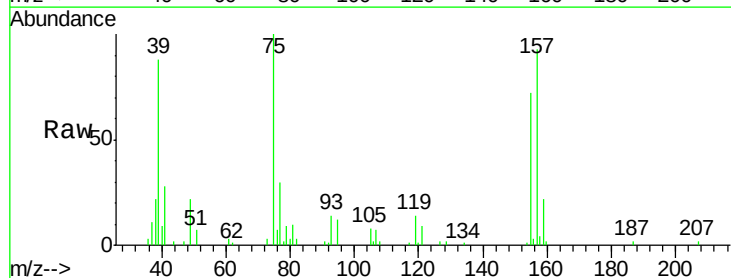
Instrument :
 MSVOA_N
 ClientSampleId :

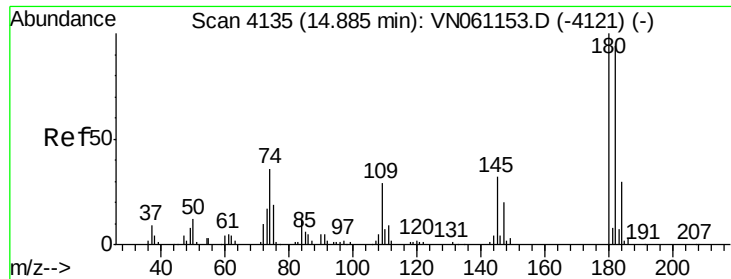
Tot Ion:146 Resp: 130056
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.3
 148 63.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.176 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion: 75 Resp: 21332
 Ion Ratio Lower Upper
 75 100
 155 70.0 36.5 109.7
 157 92.9 46.6 139.7

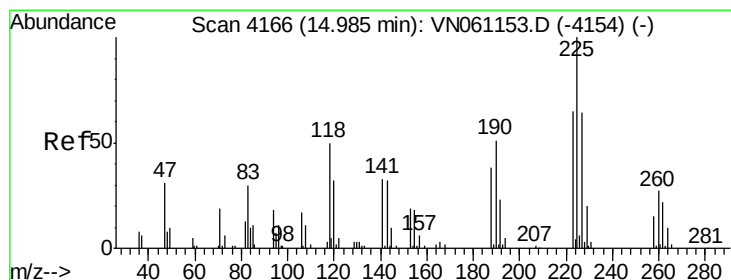
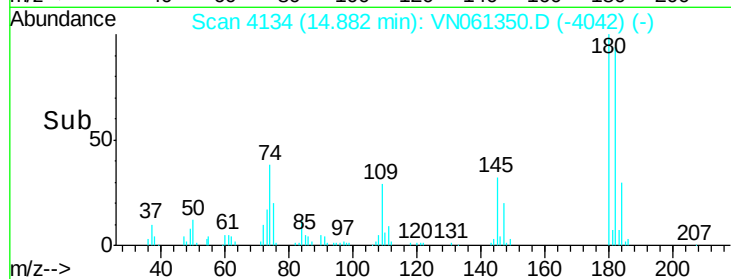
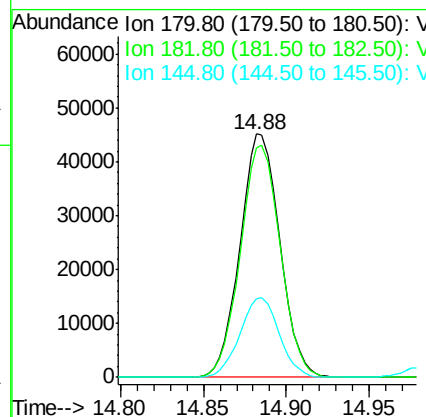
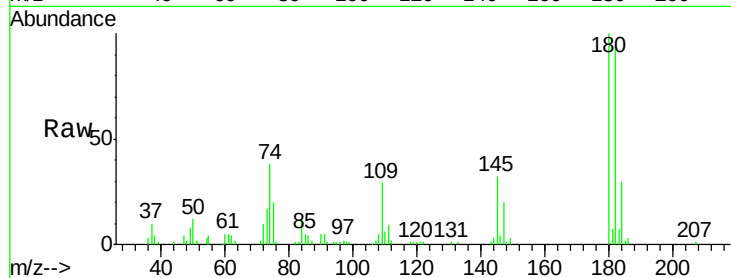




#93
 1,2,4-Trichlorobenzene
 Concen: 51.829 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

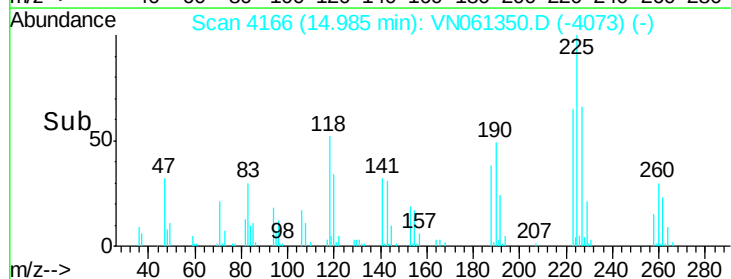
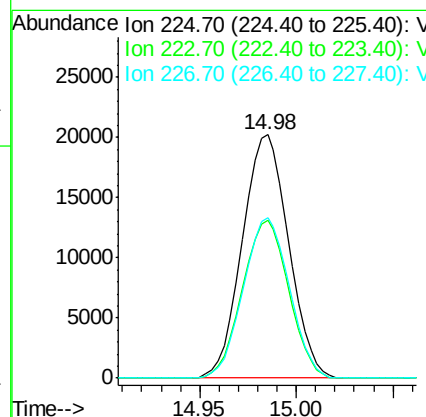
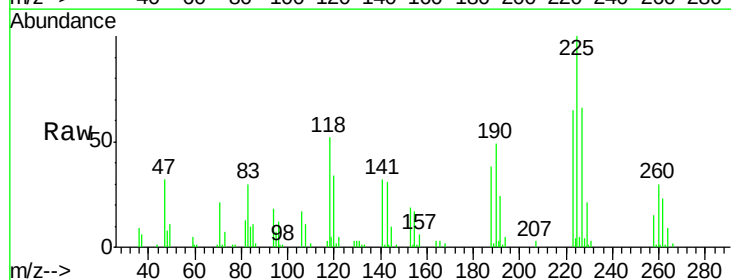
Instrument :
 MSVOA_N
 ClientSampleId :

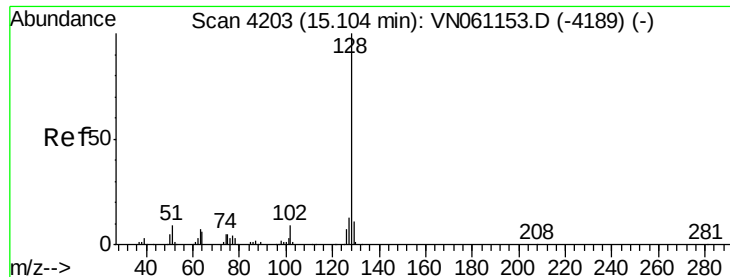
Tot Ion:180 Resp: 75500
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 32.3 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 55.271 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061350.D
 Acq: 8 May 2020 10:04

Tgt Ion:225 Resp: 33636
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.4 97.0
 227 65.5 32.4 97.0

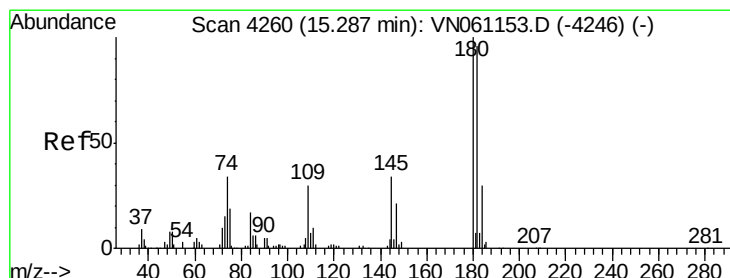
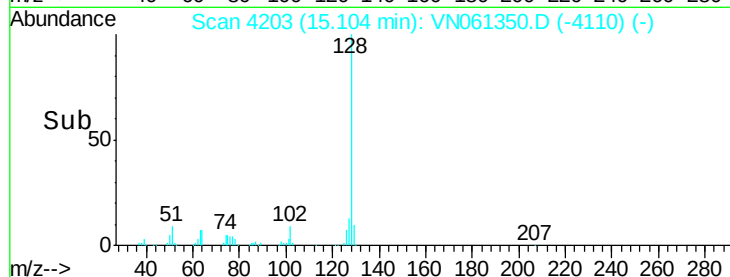
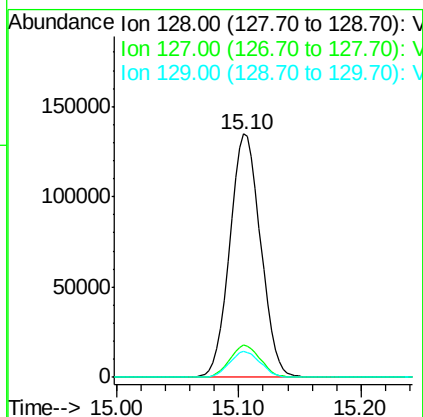
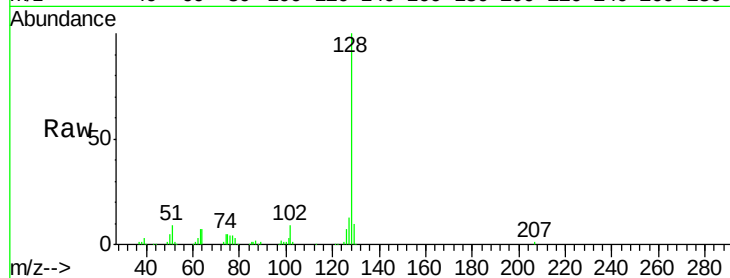




#95
Naphthalene
Concen: 50.098 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 237670
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.887 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061350.D
Acq: 8 May 2020 10:04

Tgt Ion:180 Resp: 73186
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 34.7 16.9 50.7

