

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061177.D
 Acq On : 28 Apr 2020 20:41
 Operator : JC/MD
 Sample : L2414-08MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

Quant Time: Apr 29 09:26:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84228	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.55	113	55721	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.06	98	225925	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.38	95	86621	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	60449	57.163	ug/l	99
3) Chloromethane	2.03	50	70729	55.225	ug/l	100
4) Vinyl Chloride	2.16	62	203559	139.934	ug/l	100
5) Bromomethane	2.54	94	38544	53.603	ug/l	100
6) Chloroethane	2.67	64	48644	52.758	ug/l	99
7) Trichlorofluoromethane	2.99	101	93284	56.839	ug/l	97
8) Diethyl Ether	3.37	74	38558	56.326	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56151	53.108	ug/l	99
10) Methyl Iodide	3.91	142	75037	55.223	ug/l	99
11) Tert butyl alcohol	4.73	59	46294	219.013	ug/l	99
12) 1,1-Dichloroethene	3.70	96	58883	55.964	ug/l	96
13) Acrolein	3.56	56	34033	241.607	ug/l	100
14) Allyl chloride	4.28	41	105568	54.113	ug/l	90
15) Acrylonitrile	4.93	53	169601	261.380	ug/l	99
16) Acetone	3.77	43	153775	252.028	ug/l	99
17) Carbon Disulfide	4.01	76	161534	55.578	ug/l	99
18) Methyl Acetate	4.27	43	91160	45.824	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	215848	53.688	ug/l #	86
20) Methylene Chloride	4.50	84	66105	53.726	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	67142	58.603	ug/l	98
22) Diisopropyl ether	5.90	45	247613	54.734	ug/l	98
23) Vinyl Acetate	5.84	43	975493	267.801	ug/l	100
24) 1,1-Dichloroethane	5.80	63	131306	55.551	ug/l	99
25) 2-Butanone	6.78	43	250882	268.694	ug/l #	89
26) 2,2-Dichloropropane	6.78	77	101661	51.063	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	1560450	1160.615	ug/l	89
28) Bromochloromethane	7.15	49	58938	52.608	ug/l	99
29) Tetrahydrofuran	7.17	42	161361	256.549	ug/l	99
30) Chloroform	7.33	83	129204	53.940	ug/l	98
31) Cyclohexane	7.61	56	122137	53.207	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	124575	59.724	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97345	55.350	ug/l	99
37) Ethyl Acetate	6.88	43	102168	49.553	ug/l #	81
38) Carbon Tetrachloride	7.73	117	86507	61.508	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	132896	63.152	ug/l	99
40) Benzene	8.00	78	281497	53.725	ug/l	100
41) Methacrylonitrile	7.12	41	45833	53.540	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	108170	54.495	ug/l	97
43) Isopropyl Acetate	8.13	43	229577	67.093	ug/l #	83
44) Trichloroethene	8.80	130	89078	62.889	ug/l	99
45) 1,2-Dichloropropane	9.08	63	76321	54.522	ug/l	99
46) Dibromomethane	9.17	93	47805	55.156	ug/l	99
47) Bromodichloromethane	9.37	83	105322	56.615	ug/l	99
48) Methyl methacrylate	9.17	41	84829	54.938	ug/l	99
49) 1,4-Dioxane	9.17	88	14014	799.555	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	532126	264.199	ug/l	100
52) Toluene	10.12	92	174872	55.410	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114853	54.791	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118739	53.580	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	84672	67.262	ug/l	98
56) Ethyl methacrylate	10.40	69	117743	53.475	ug/l	95
57) 1,3-Dichloropropane	10.68	76	120379	54.403	ug/l	100
59) 2-Hexanone	10.72	43	387543	264.479	ug/l	99
60) Dibromochloromethane	10.87	129	74615	56.594	ug/l	96
61) 1,2-Dibromoethane	10.98	107	69927	55.422	ug/l	99
64) Tetrachloroethene	10.60	164	81997	56.673	ug/l	99
65) Chlorobenzene	11.41	112	179920	54.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65580	55.294	ug/l	99
67) Ethyl Benzene	11.48	91	344192	55.486	ug/l	100
68) m/p-Xylenes	11.60	106	249085	109.701	ug/l	97
69) o-Xylene	11.92	106	120829	55.400	ug/l	99
70) Stvrene	11.94	104	205980	56.427	ug/l	99
71) Bromoform	12.10	173	49704	57.022	ug/l #	99
73) Isopropylbenzene	12.22	105	331269	55.123	ug/l	100
74) N-amyl acetate	12.04	43	160178	52.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	99131	52.901	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	95341m	55.319	ug/l	
77) Bromobenzene	12.50	156	75202	54.208	ug/l	99
78) n-propylbenzene	12.56	91	395679	55.509	ug/l	100
79) 2-Chlorotoluene	12.65	91	228274	54.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	279533	56.199	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	34930	51.468	ug/l	98
82) 4-Chlorotoluene	12.75	91	242160	54.839	ug/l	99
83) tert-Butylbenzene	12.97	119	239867	57.192	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	282262	55.080	ug/l	99
85) sec-Butylbenzene	13.15	105	334148	58.437	ug/l	98
86) p-Isopropyltoluene	13.26	119	286406	55.592	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	138152	54.094	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	139956	53.635	ug/l	99
89) n-Butylbenzene	13.59	91	273157	57.835	ug/l	99
90) Hexachloroethane	13.85	117	31406	57.156	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	133162	54.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21284	53.779	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	83211	55.802	ug/l	95

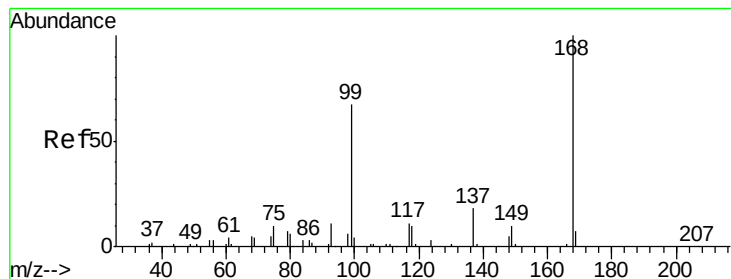
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	34612	55.560	ug/l	99
95) Naphthalene	15.10	128	263322	54.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	80440	54.637	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

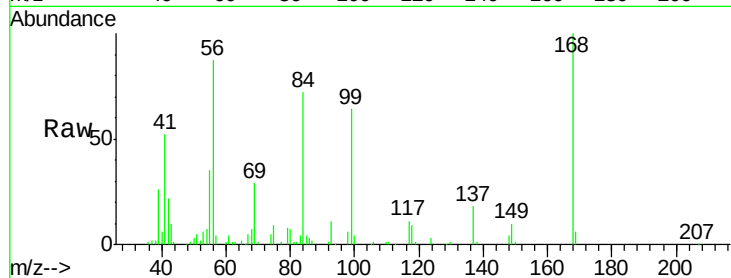
ST006RW149-200422MSD

Tot Ion:168 Resp: 99723

Ion Ratio Lower Upper

168 100

99 63.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

30000

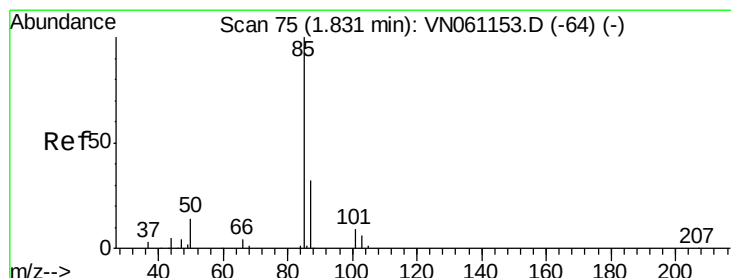
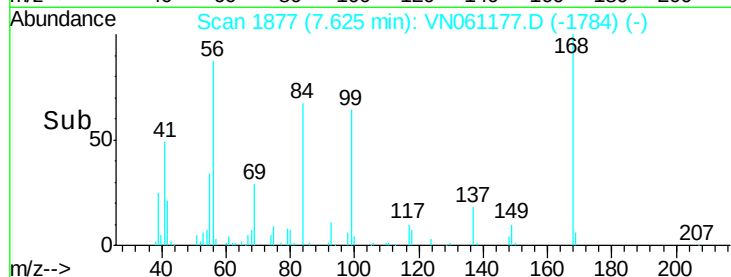
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 57.163 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061177.D

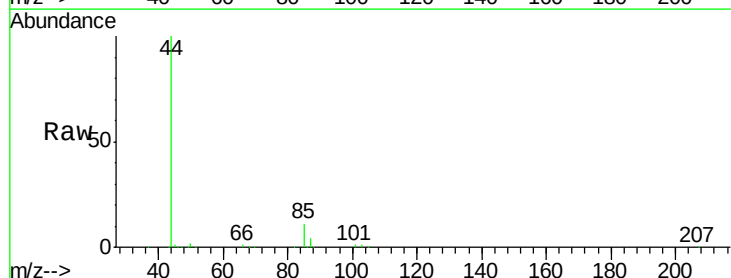
Acq: 28 Apr 2020 20:41

Tgt Ion: 85 Resp: 60449

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

30000

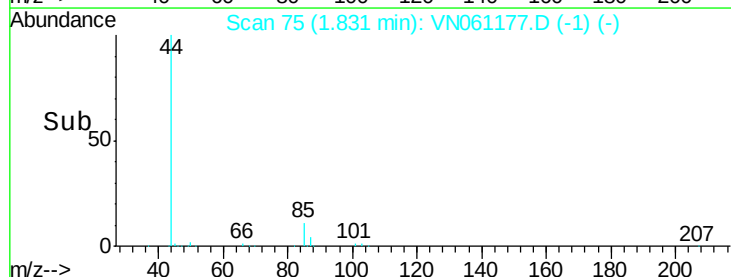
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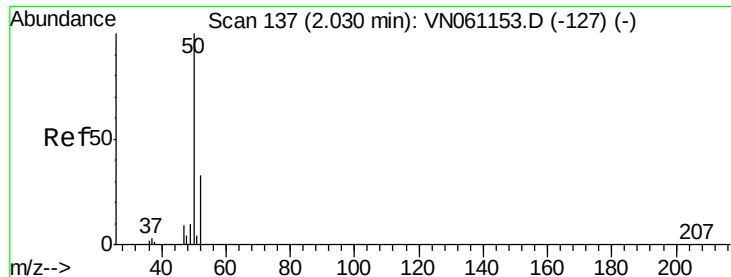
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 55.225 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

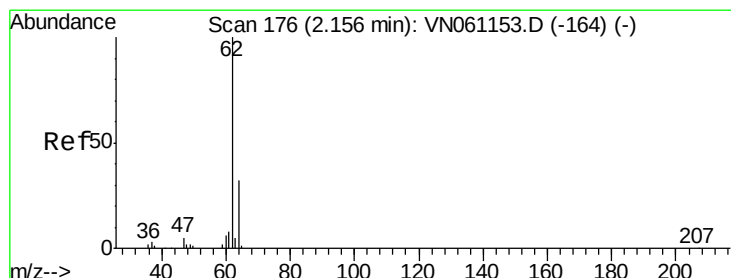
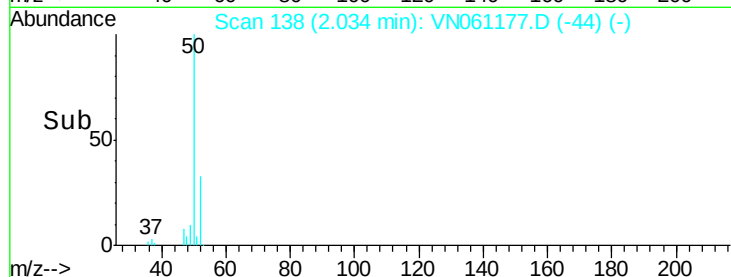
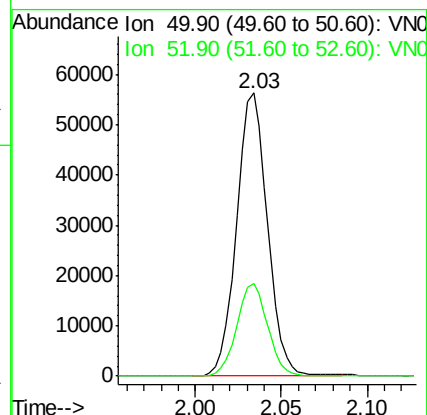
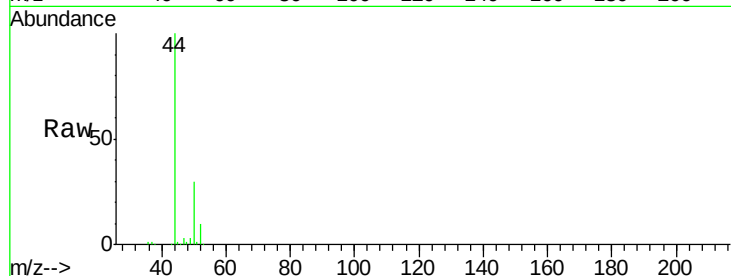
ST006RW149-200422MSD

Tot Ion: 50 Resp: 70729

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 139.934 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061177.D

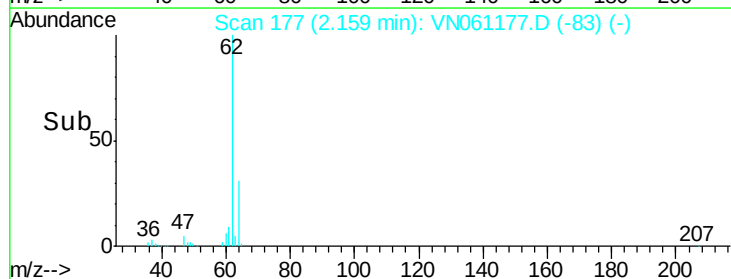
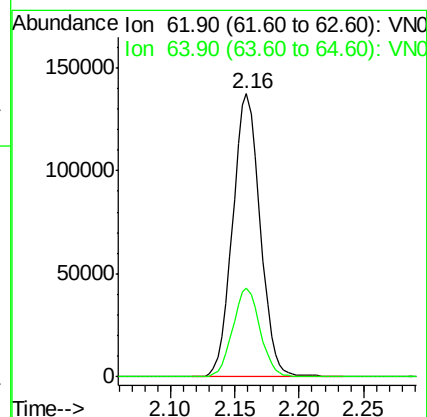
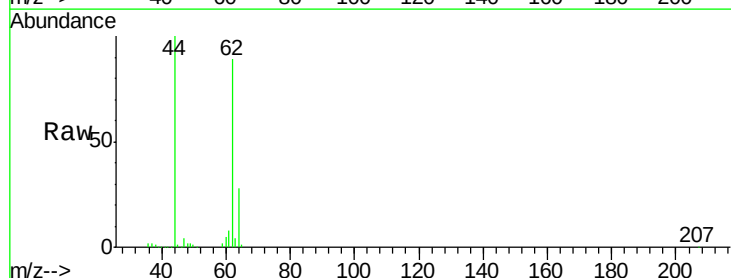
Acq: 28 Apr 2020 20:41

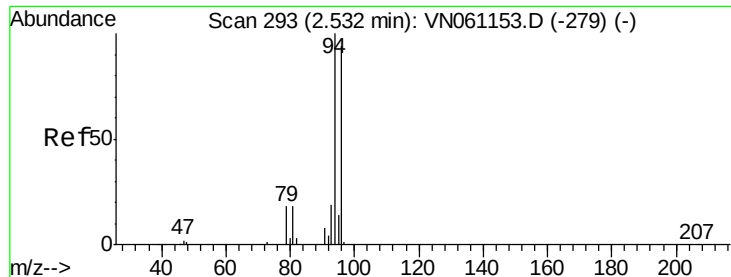
Tgt Ion: 62 Resp: 203559

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 53.603 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

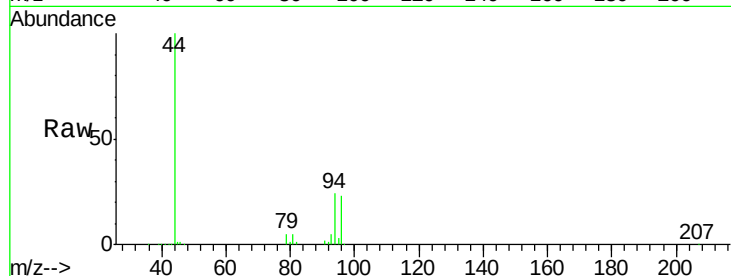
ST006RW149-200422MSD

Tot Ion: 94 Resp: 38544

Ion Ratio Lower Upper

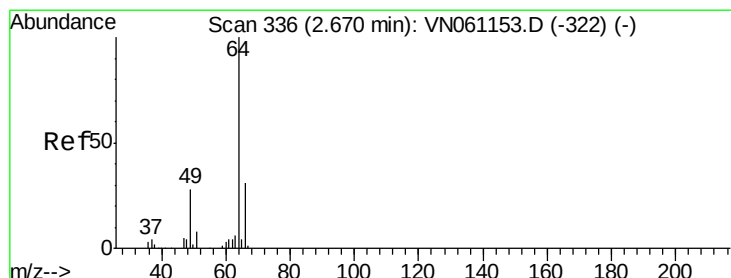
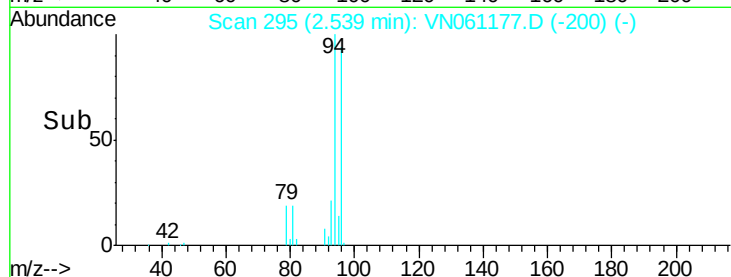
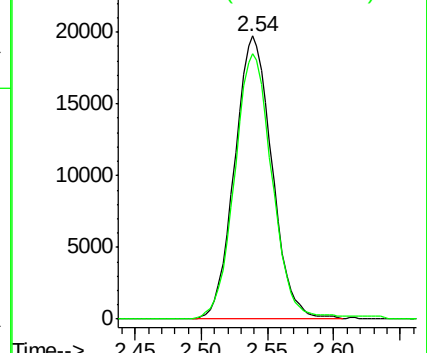
94 100

96 93.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 52.758 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061177.D

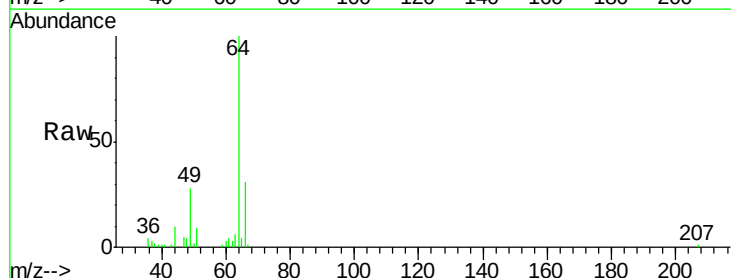
Acq: 28 Apr 2020 20:41

Tgt Ion: 64 Resp: 48644

Ion Ratio Lower Upper

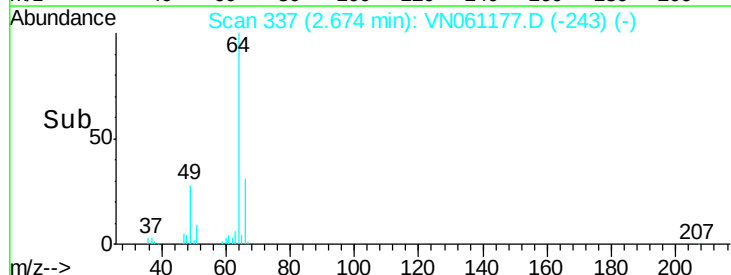
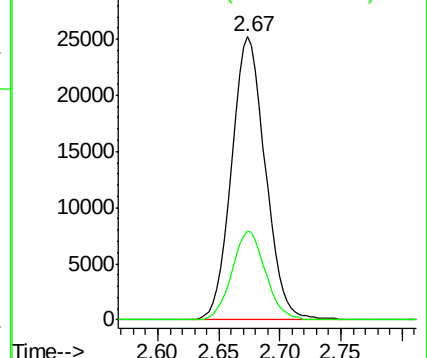
64 100

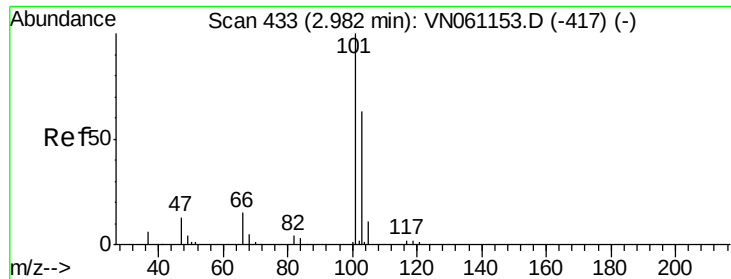
66 31.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



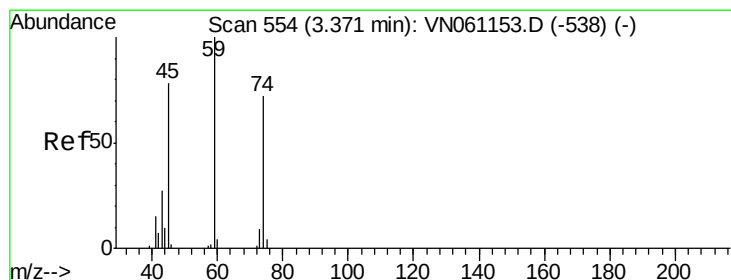
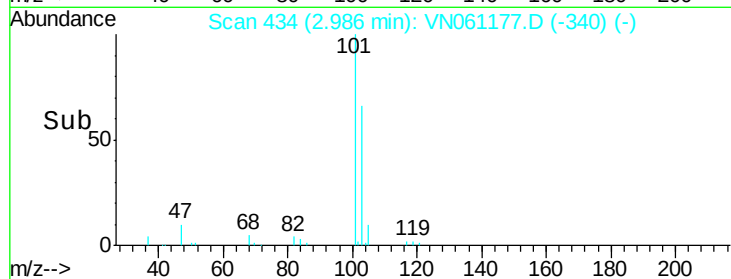
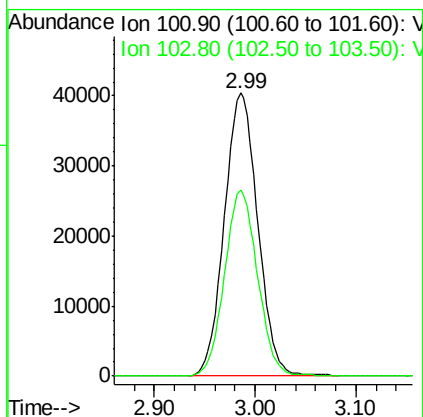
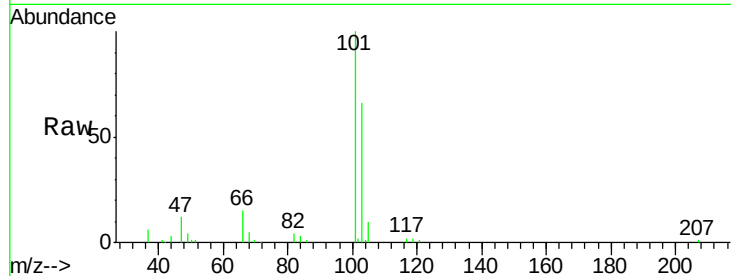


#7

Trichlorofluoromethane
 Concen: 56.839 ug/l
 RT: 2.99 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VN061177.D
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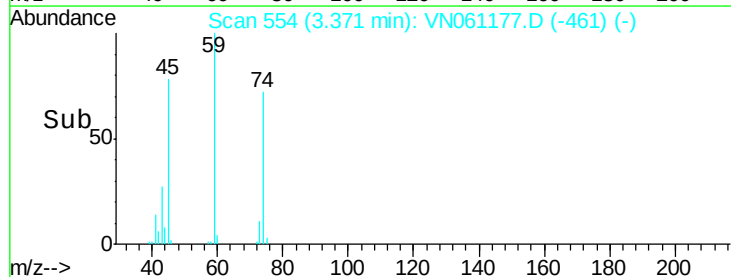
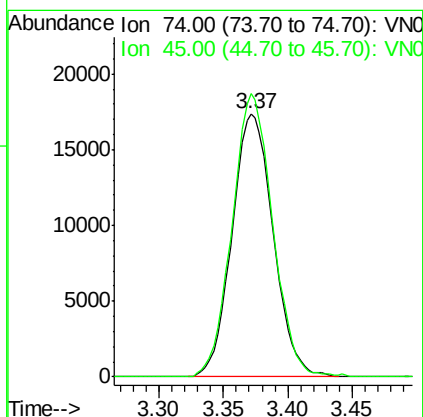
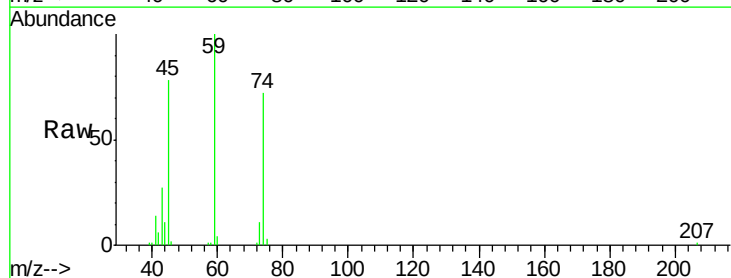
Tot Ion:101 Resp: 93284
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.6 76.0

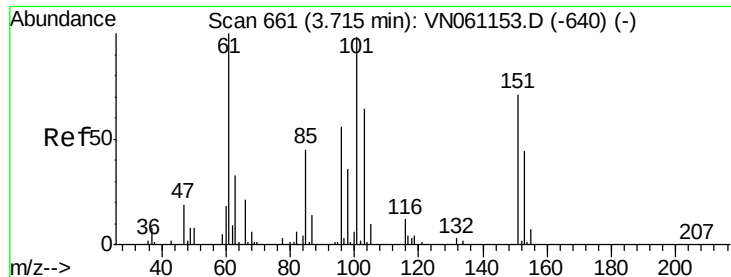


#8

Diethyl Ether
 Concen: 56.326 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 74 Resp: 38558
 Ion Ratio Lower Upper
 74 100
 45 106.1 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.108 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

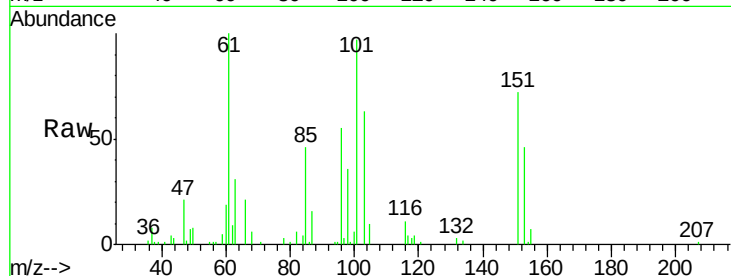
Tot Ion:101 Resp: 56151

Ion Ratio Lower Upper

101 100

85 47.3 37.2 55.8

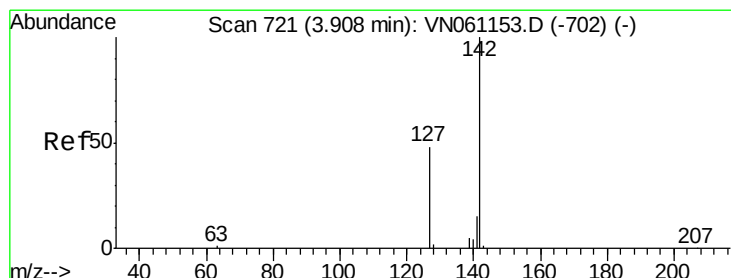
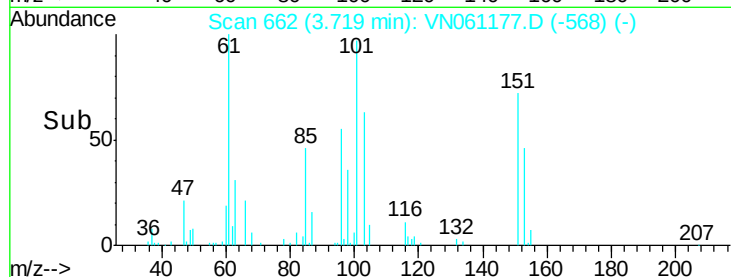
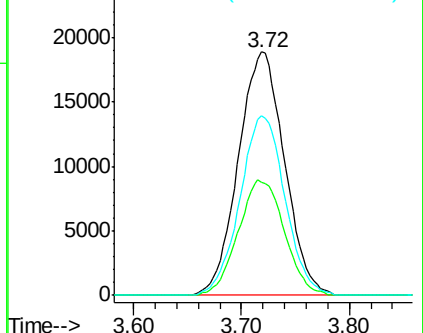
151 72.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.223 ug/l

RT: 3.91 min Scan# 722

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

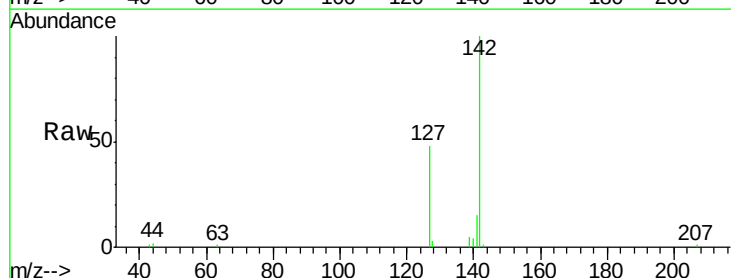
Tgt Ion:142 Resp: 75037

Ion Ratio Lower Upper

142 100

127 48.0 38.0 57.0

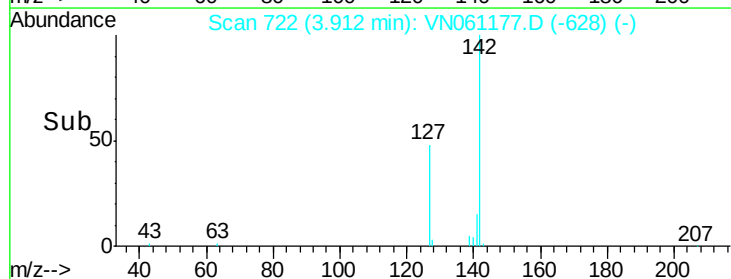
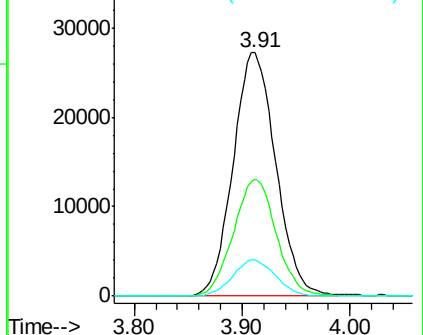
141 14.9 11.7 17.5

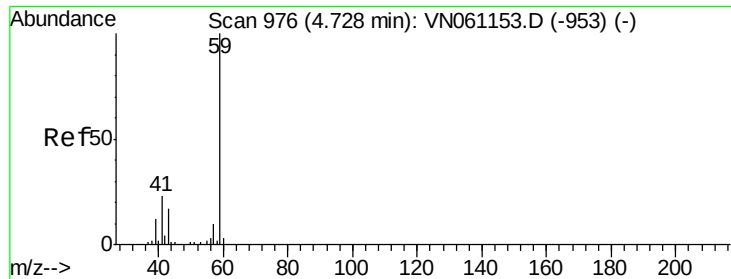


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



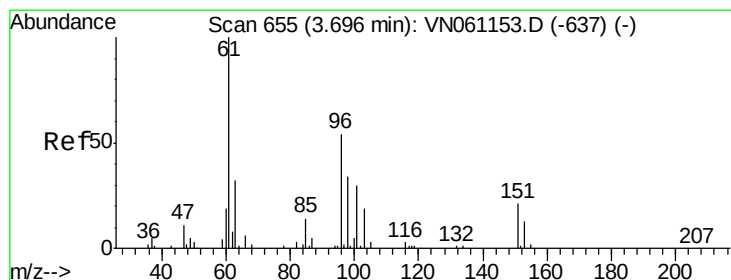
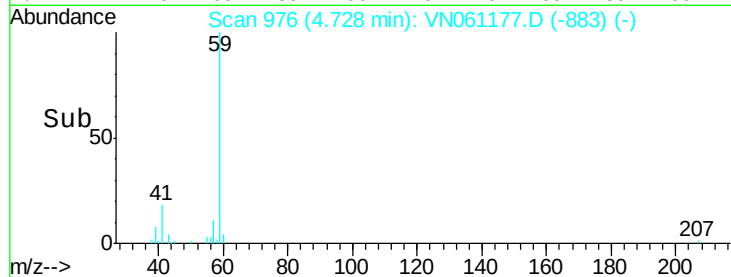
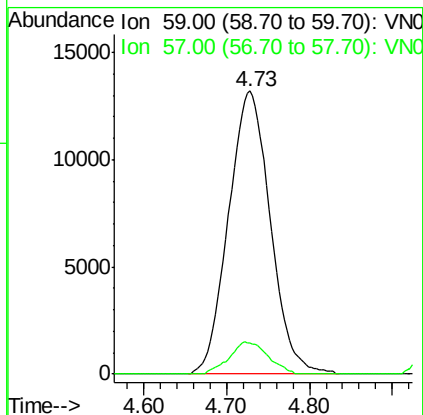
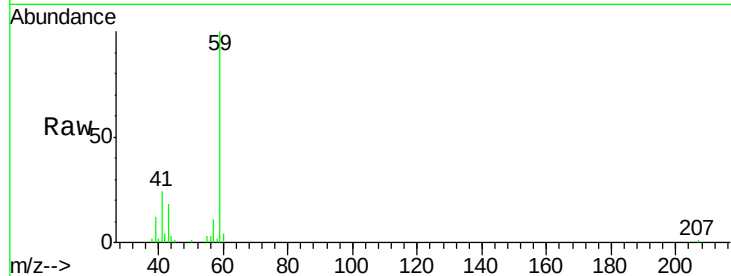


#11

Tert butyl alcohol
 Concen: 219.013 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

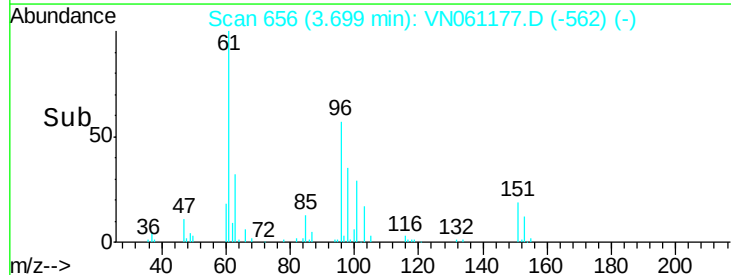
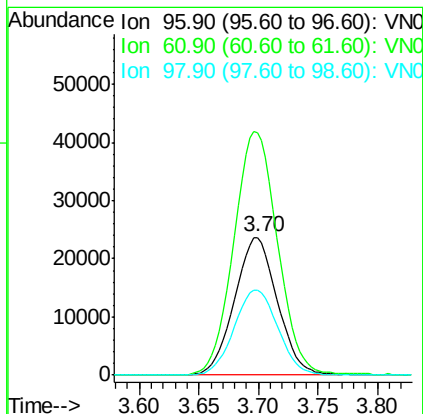
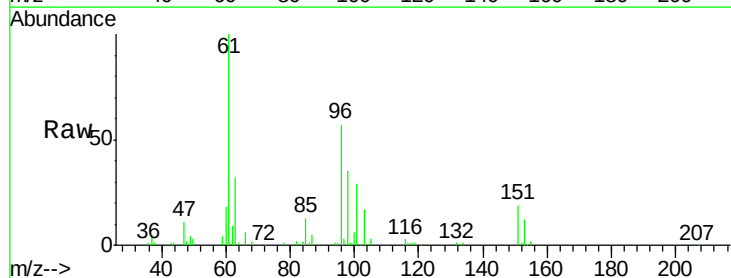
Tot Ion: 59 Resp: 46294
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

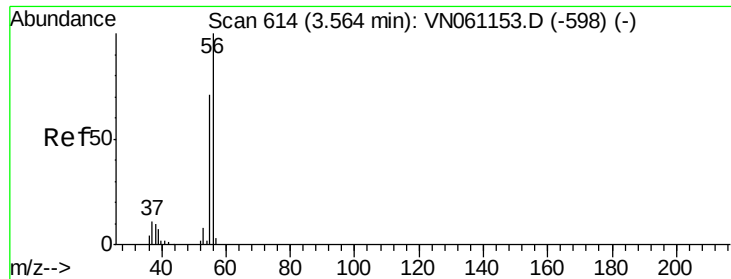


#12

1,1-Dichloroethene
 Concen: 55.964 ug/l
 RT: 3.70 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 96 Resp: 58883
 Ion Ratio Lower Upper
 96 100
 61 176.5 147.0 220.6
 98 61.5 49.8 74.6

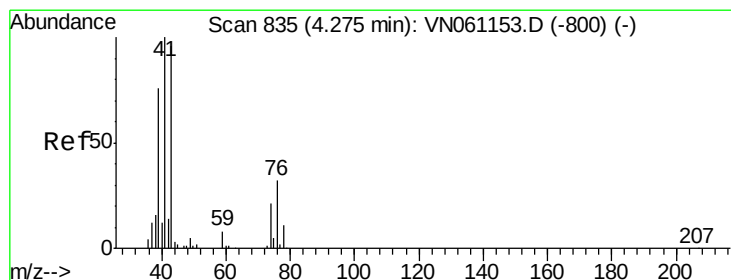
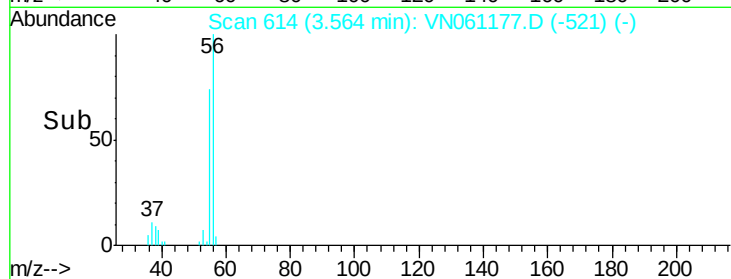
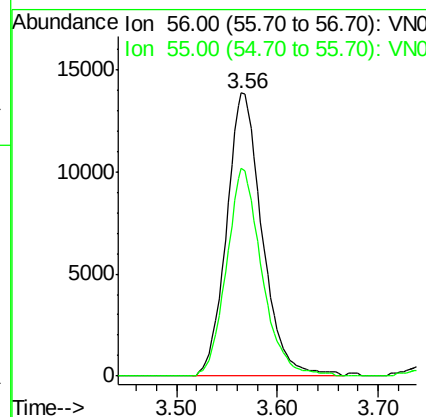
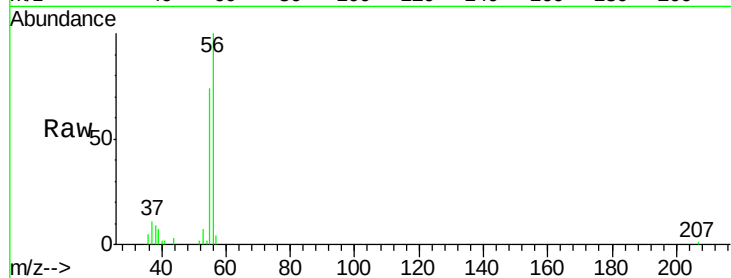




#13
 Acrolein
 Concen: 241.607 ug/l
 RT: 3.56 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

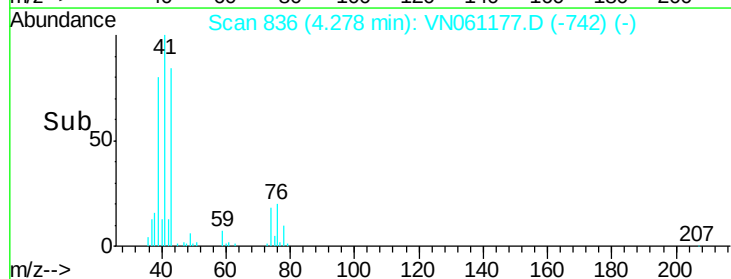
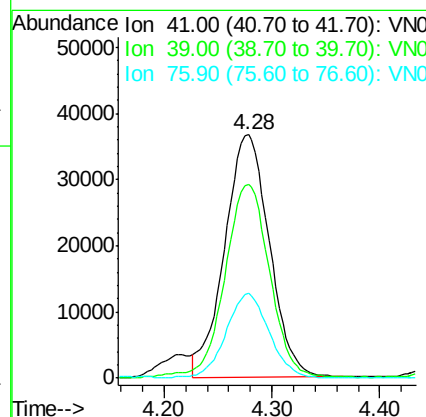
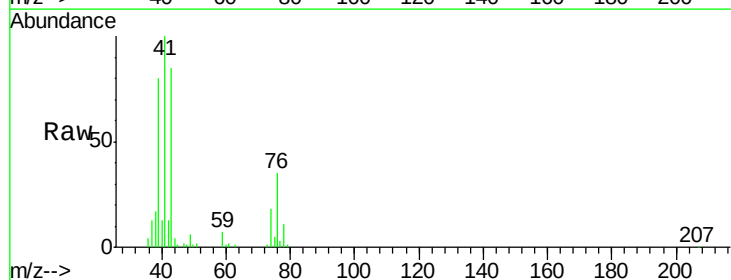
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

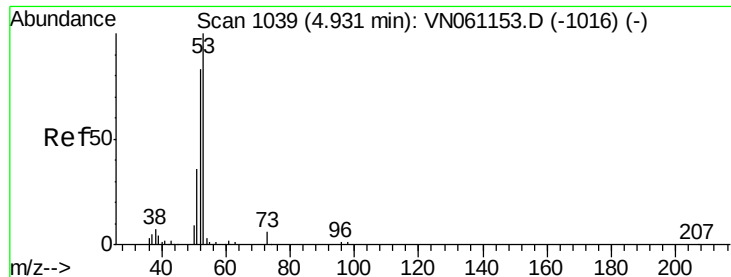
Tot Ion: 56 Resp: 34033
 Ion Ratio Lower Upper
 56 100
 55 72.9 58.5 87.7



#14
 Allyl chloride
 Concen: 54.113 ug/l
 RT: 4.28 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 41 Resp: 105568
 Ion Ratio Lower Upper
 41 100
 39 80.9 57.1 85.7
 76 33.7 24.3 36.5





#15

Acrylonitrile

Concen: 261.380 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

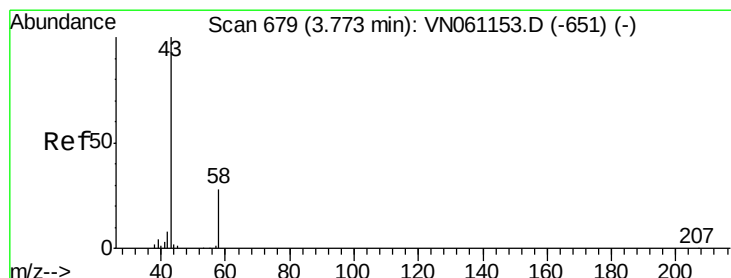
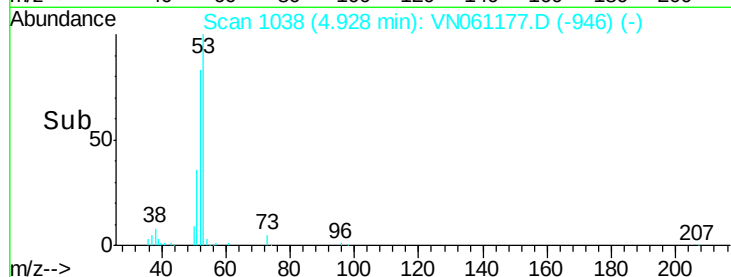
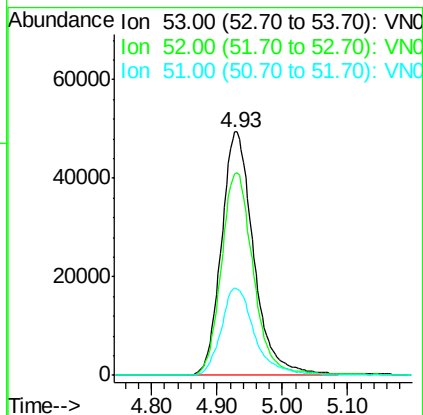
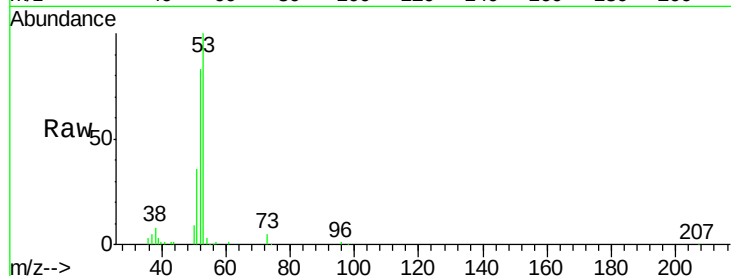
Tot Ion: 53 Resp: 169601

Ion Ratio Lower Upper

53 100

52 82.5 65.4 98.0

51 36.8 29.5 44.3



#16

Acetone

Concen: 252.028 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061177.D

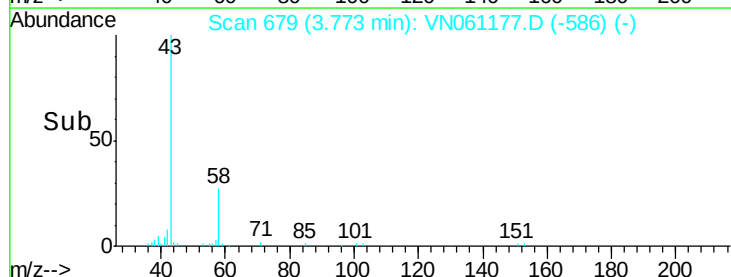
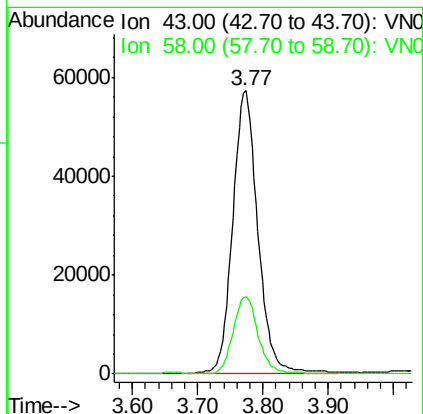
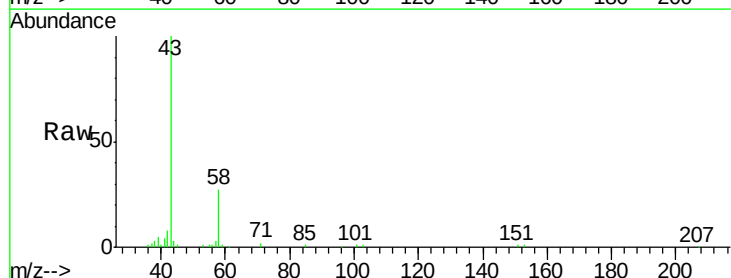
Acq: 28 Apr 2020 20:41

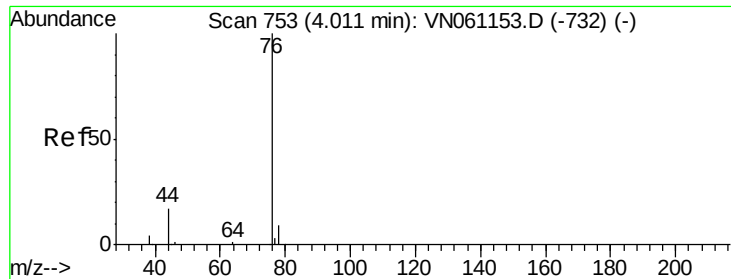
Tgt Ion: 43 Resp: 153775

Ion Ratio Lower Upper

43 100

58 27.3 22.2 33.2

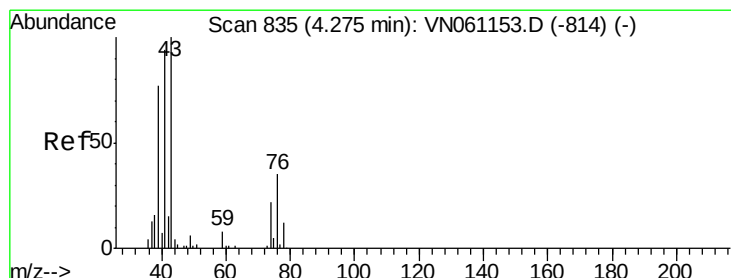
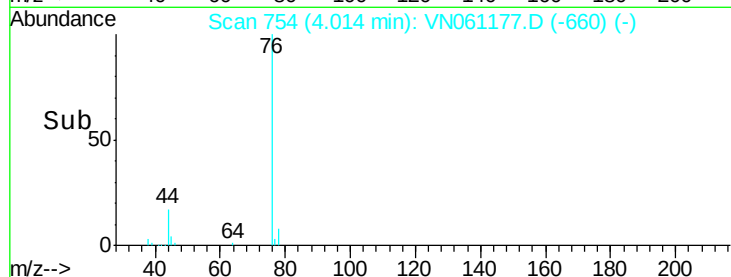
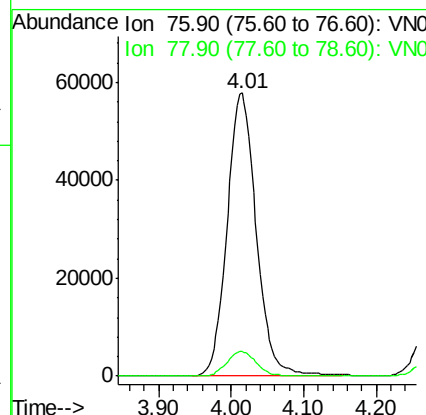
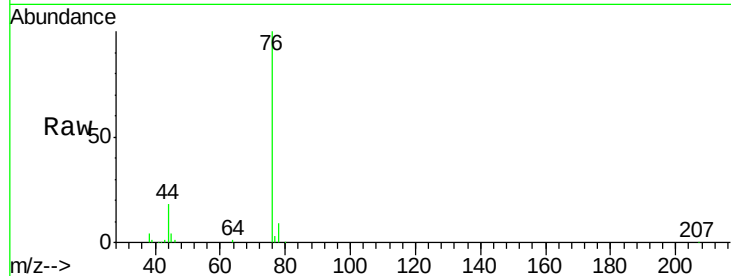




#17
Carbon Disulfide
Concen: 55.578 ug/l
RT: 4.01 min Scan# 754
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

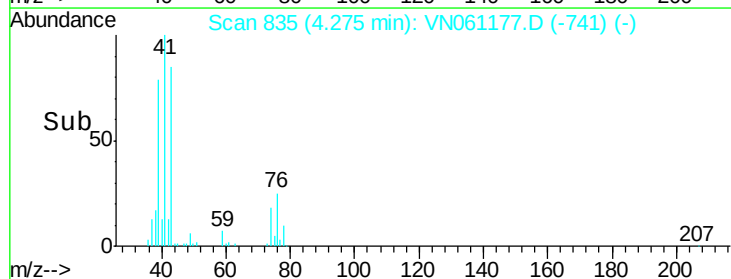
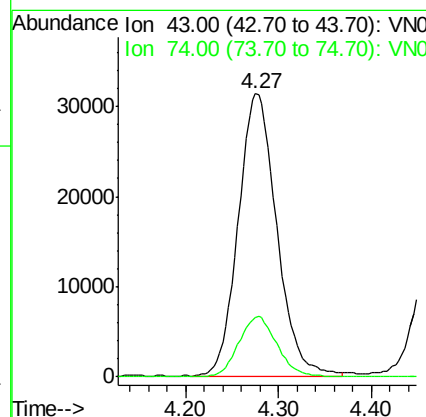
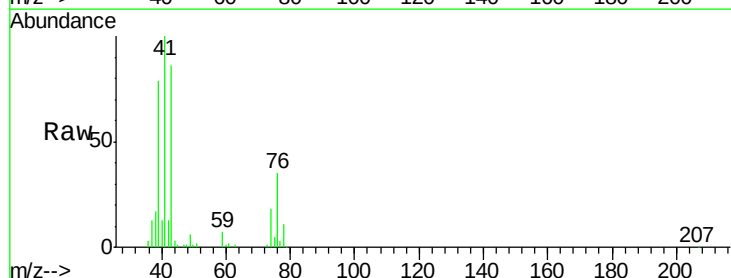
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

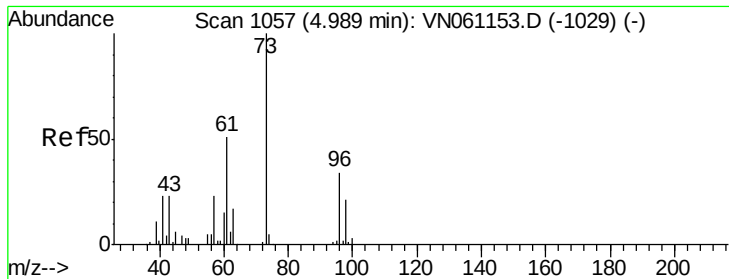
Tot Ion: 76 Resp: 161534
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 45.824 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion: 43 Resp: 91160
Ion Ratio Lower Upper
43 100
74 21.0 17.0 25.4





#19

Methvl tert-butvl Ether

Concen: 53.688 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

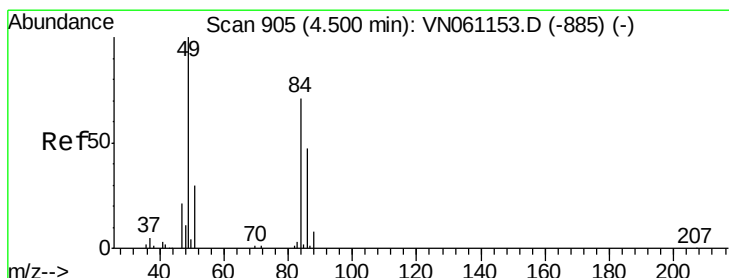
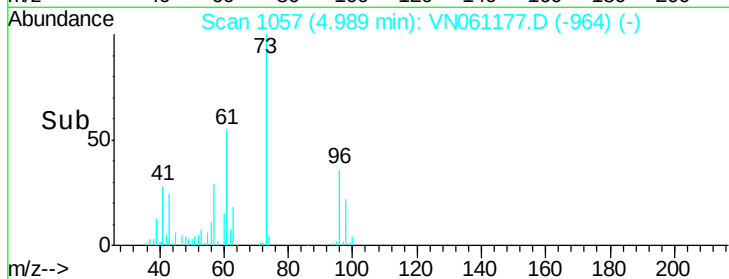
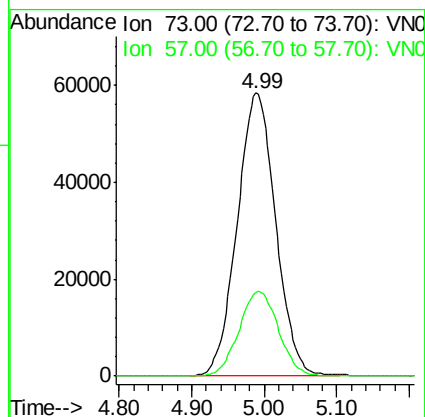
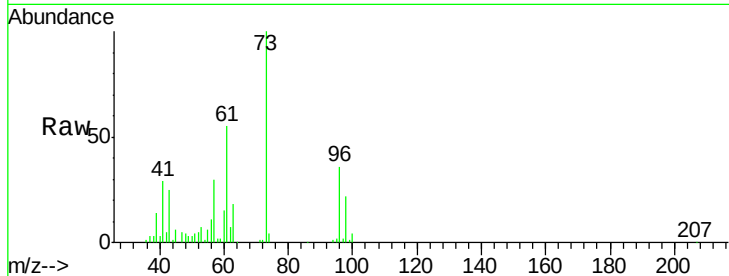
ST006RW149-200422MSD

Tot Ion: 73 Resp: 215848

Ion Ratio Lower Upper

73 100

57 29.6 18.3 27.5#



#20

Methylene Chloride

Concen: 53.726 ug/l

RT: 4.50 min Scan# 905

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Tgt Ion: 84 Resp: 66105

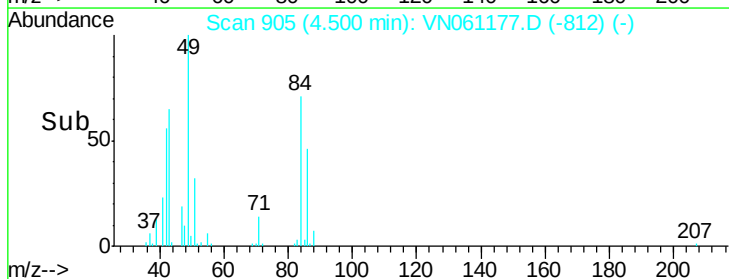
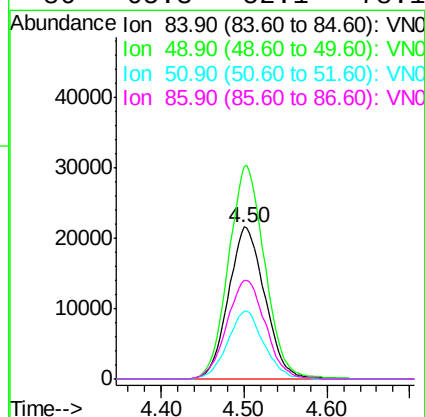
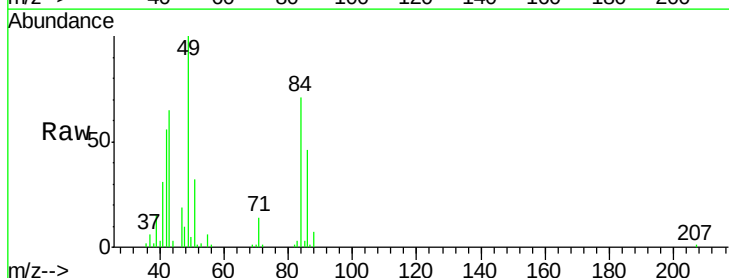
Ion Ratio Lower Upper

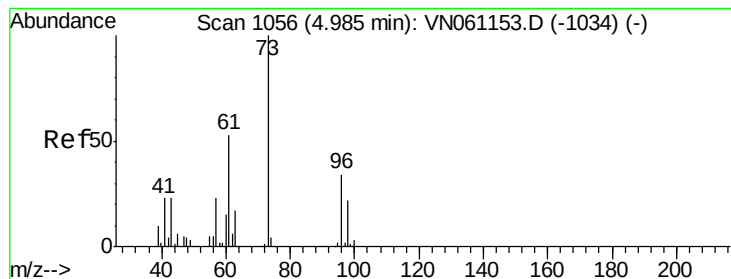
84 100

49 140.4 112.0 168.0

51 44.8 33.6 50.4

86 65.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 58.603 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

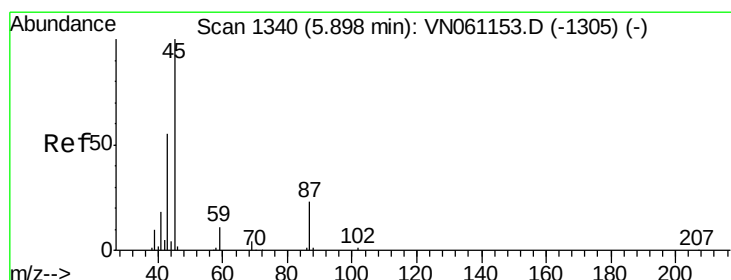
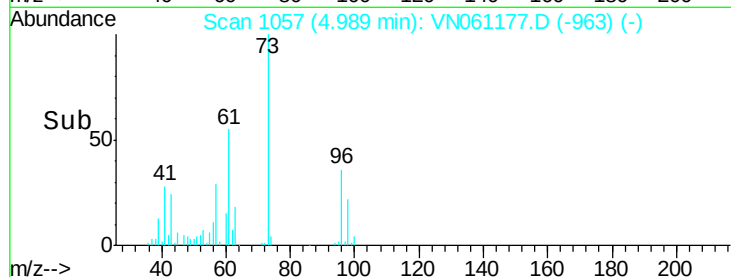
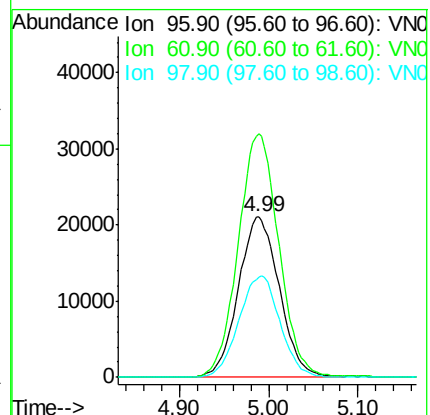
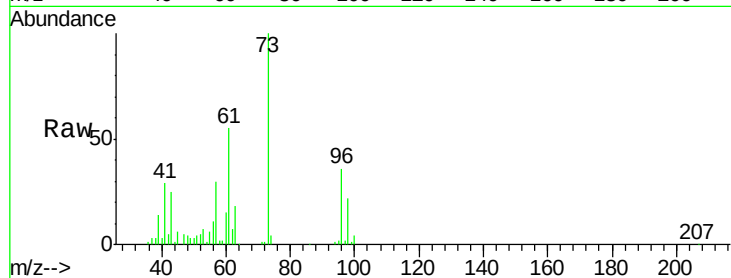
Tot Ion: 96 Resp: 67142

Ion Ratio Lower Upper

96 100

61 151.3 123.0 184.4

98 62.0 50.1 75.1



#22

Diisopropyl ether

Concen: 54.734 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Tgt Ion: 45 Resp: 247613

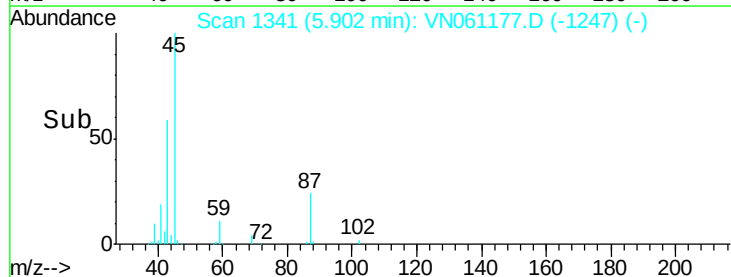
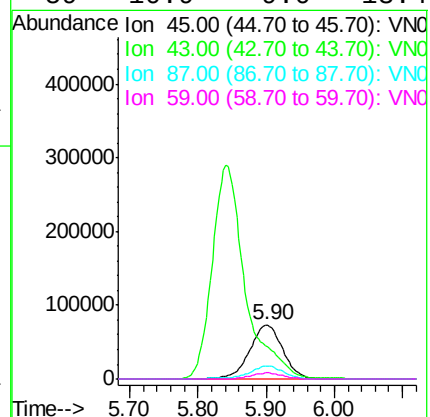
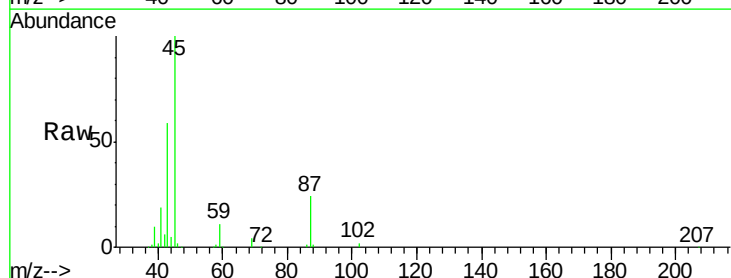
Ion Ratio Lower Upper

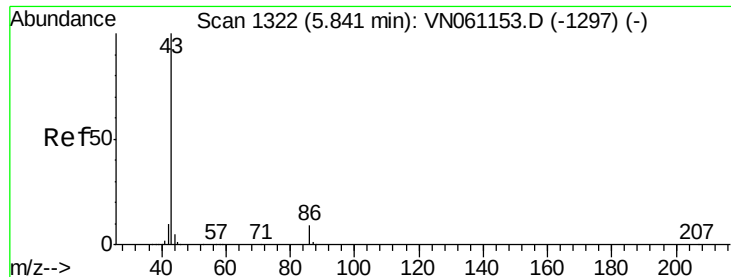
45 100

43 57.8 47.9 71.9

87 23.9 19.2 28.8

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 267.801 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

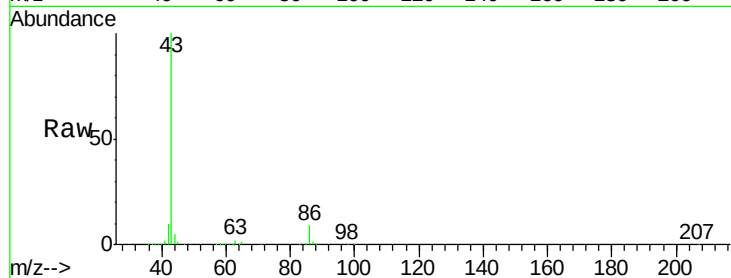
ST006RW149-200422MSD

Tot Ion: 43 Resp: 975493

Ion Ratio Lower Upper

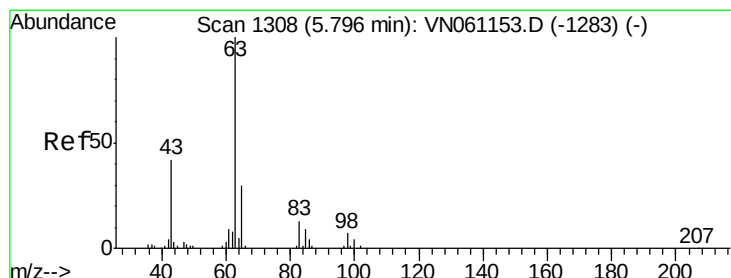
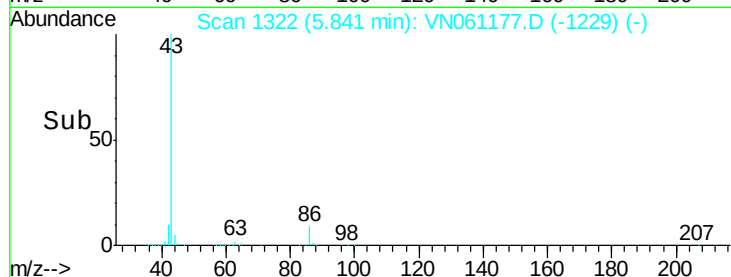
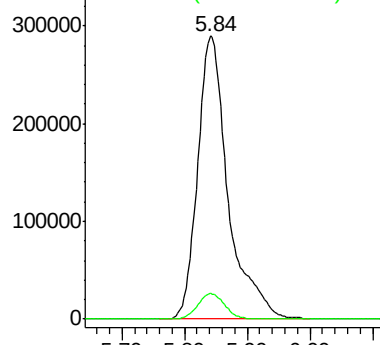
43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 55.551 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

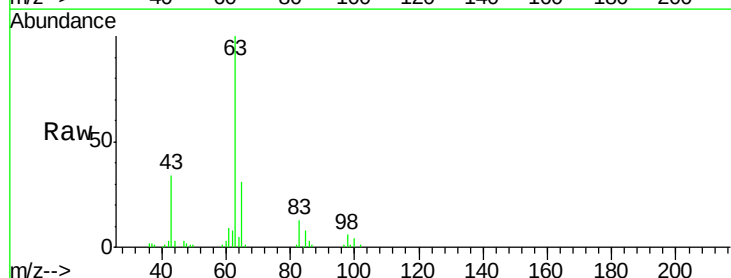
Tgt Ion: 63 Resp: 131306

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

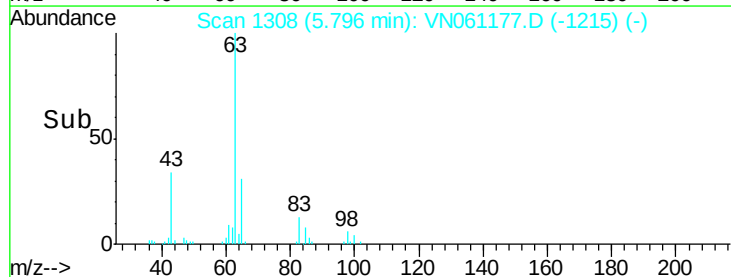
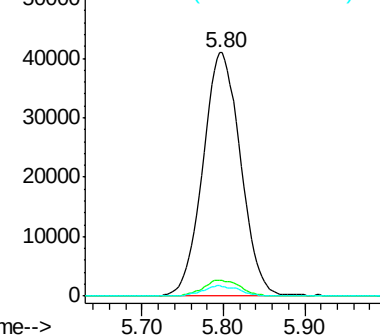
100 4.2 1.9 5.7

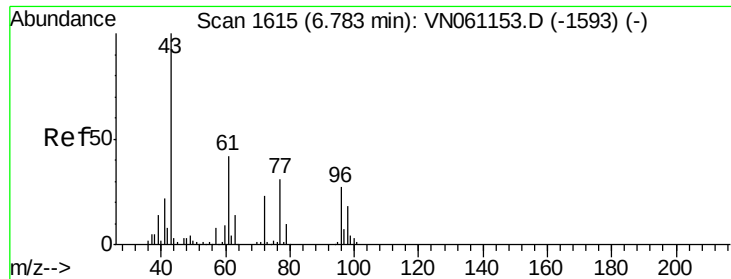


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

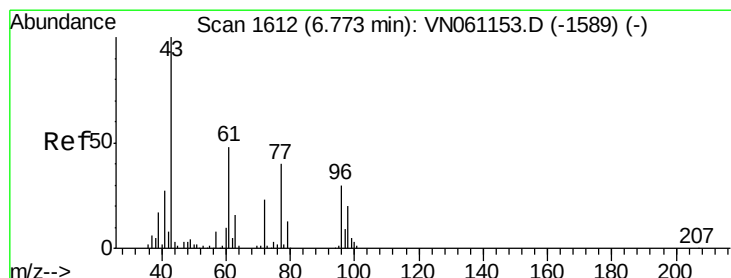
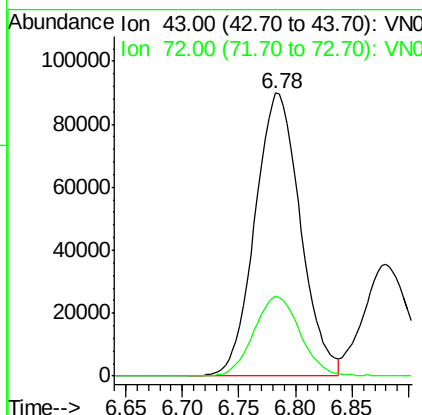
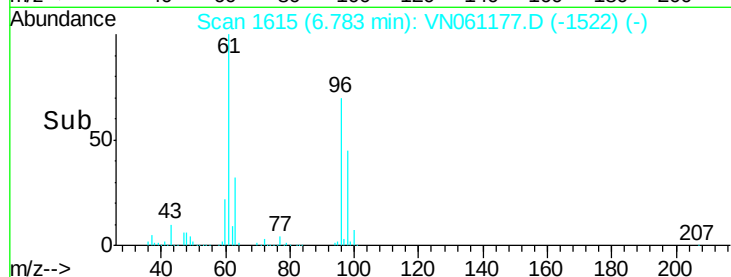
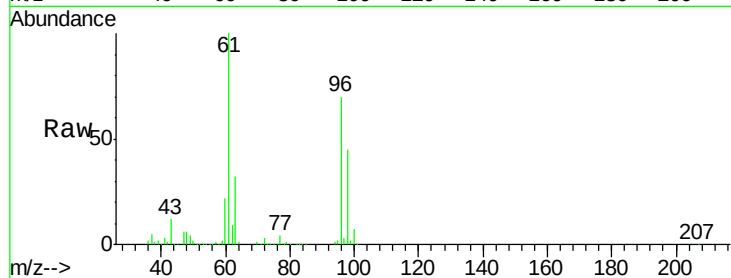




#25
2-Butanone
Concen: 268.694 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

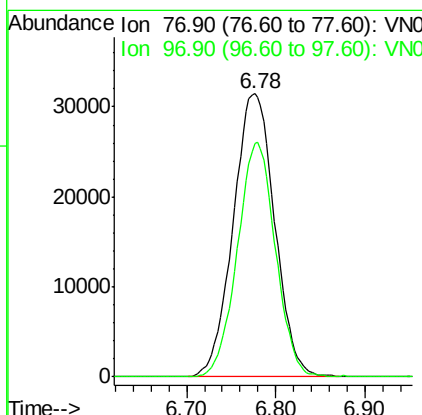
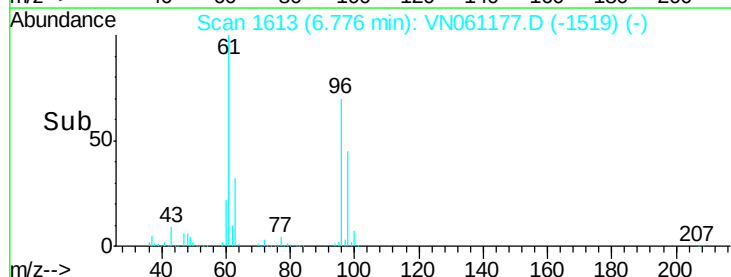
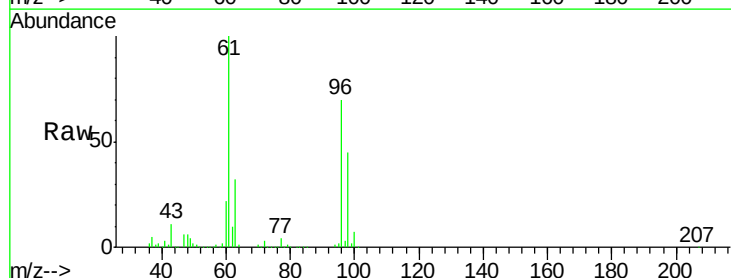
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

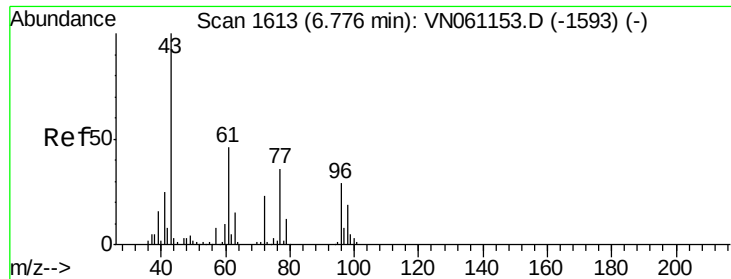
Tot Ion: 43 Resp: 250882
Ion Ratio Lower Upper
43 100
72 28.2 18.2 27.4#



#26
2,2-Dichloropropane
Concen: 51.063 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion: 77 Resp: 101661
Ion Ratio Lower Upper
77 100
97 75.9 10.5 31.5#





#27

cis-1,2-Dichloroethene

Concen: 1160.615 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

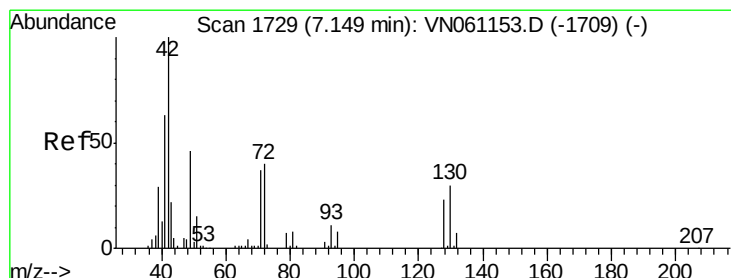
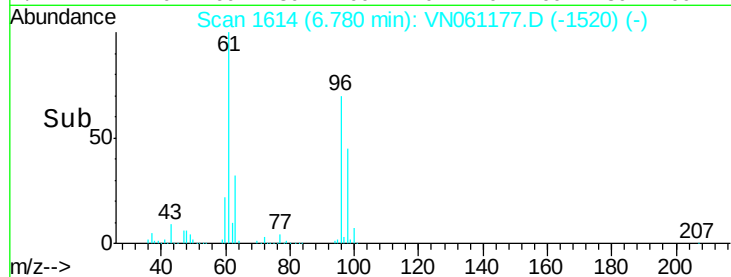
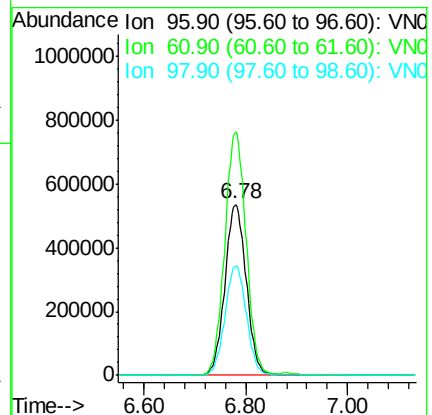
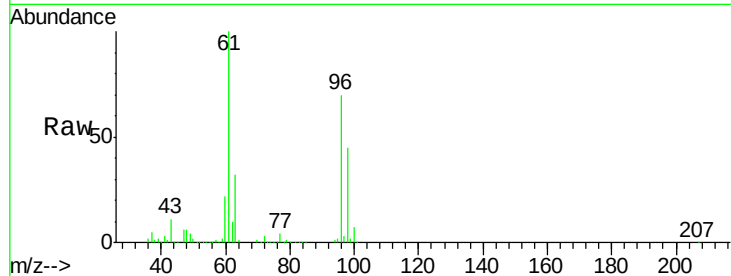
Tot Ion: 96 Resp: 1560450

Ion Ratio Lower Upper

96 100

61 141.9 0.0 322.0

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 52.608 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

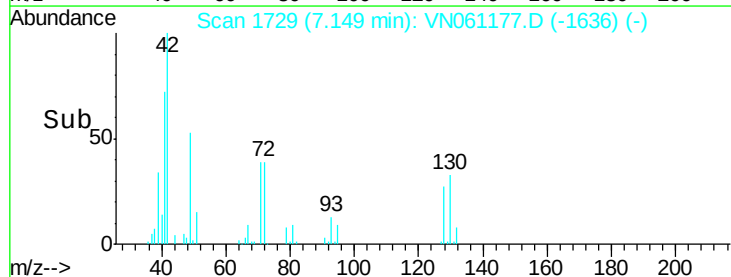
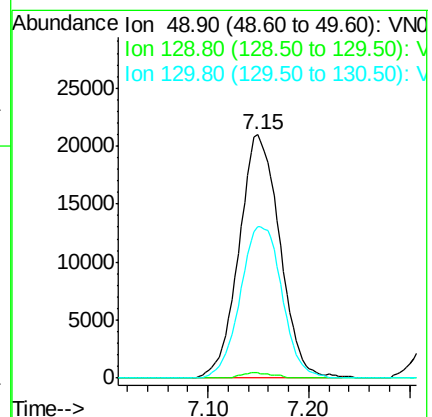
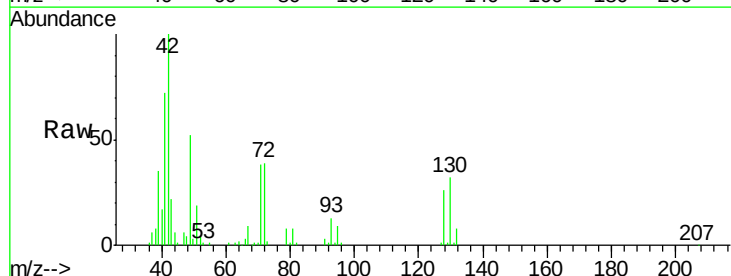
Tgt Ion: 49 Resp: 58938

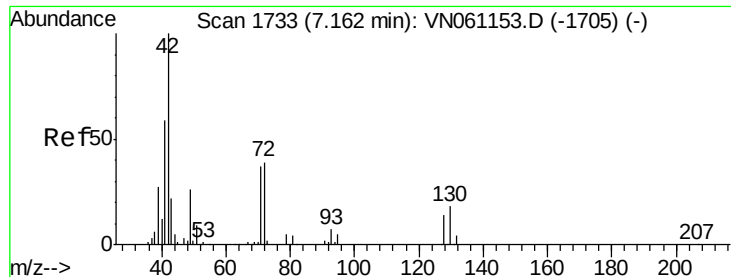
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.0

130 63.5 51.4 77.2

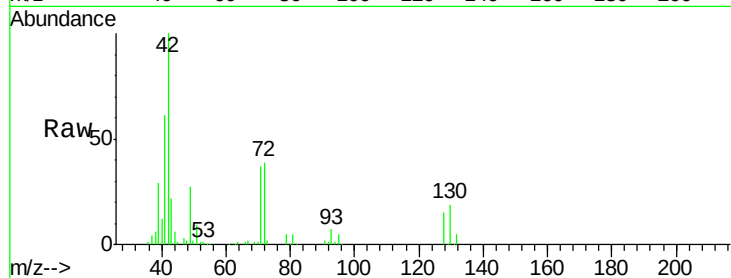




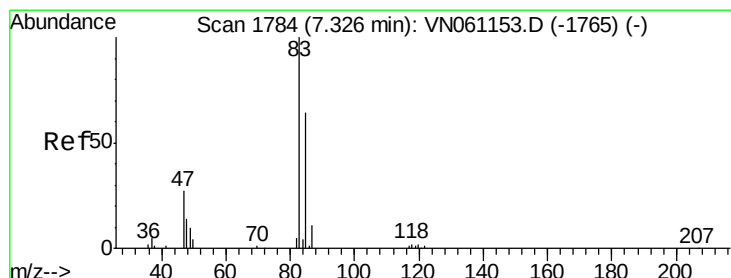
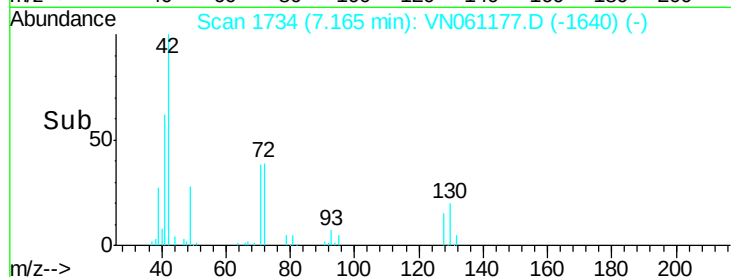
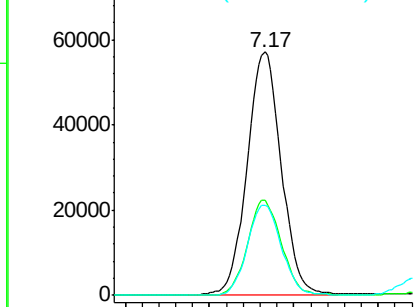
#29
Tetrahydrofuran
Concen: 256.549 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

Tot Ion: 42 Resp: 161361
Ion Ratio Lower Upper
42 100
72 38.6 31.4 47.0
71 36.9 29.5 44.3

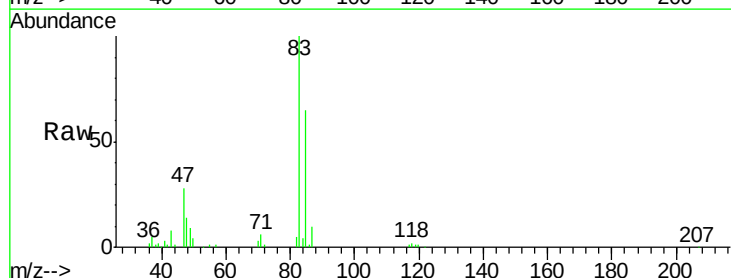


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

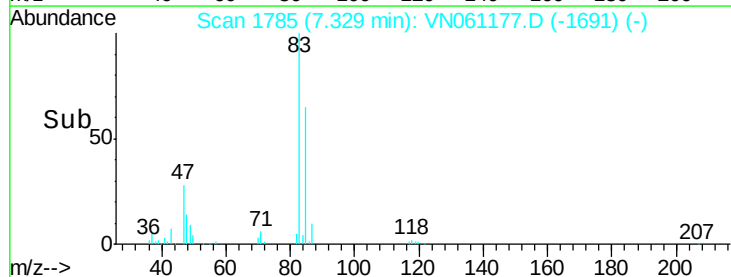
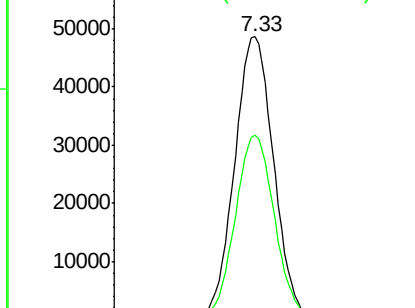


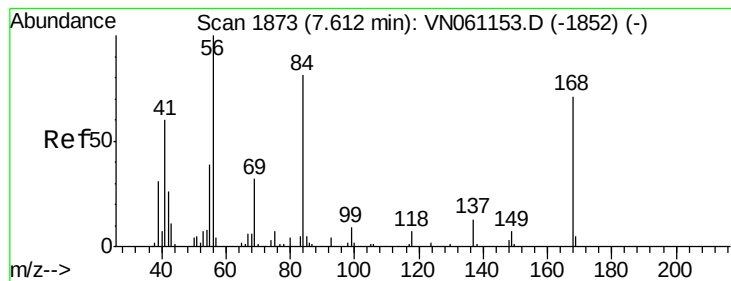
#30
Chloroform
Concen: 53.940 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion: 83 Resp: 129204
Ion Ratio Lower Upper
83 100
85 65.2 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: 53.207 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

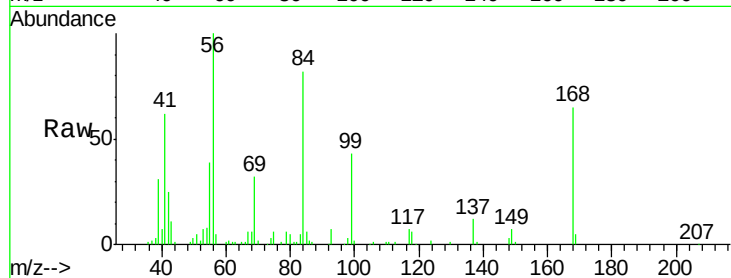
Tot Ion: 56 Resp: 122137

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

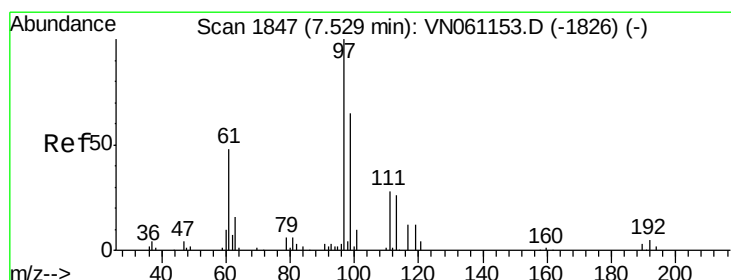
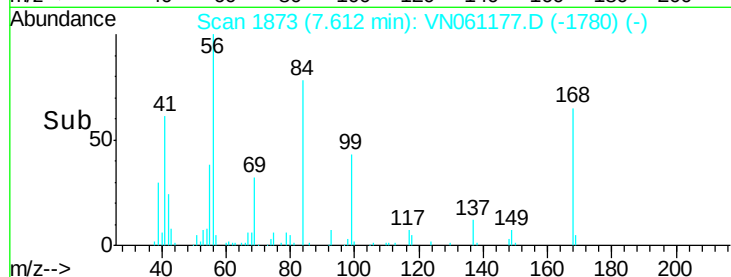
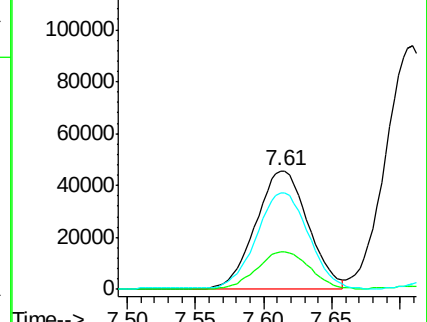
84 80.5 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061177.D (-1780) (-)

Ion 69.00 (68.70 to 69.70): VN061177.D (-1780) (-)

Ion 84.00 (83.70 to 84.70): VN061177.D (-1780) (-)



#32

1,1,1-Trichloroethane

Concen: 59.724 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

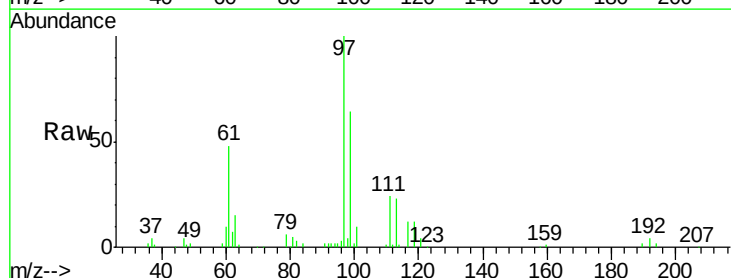
Tgt Ion: 97 Resp: 124575

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

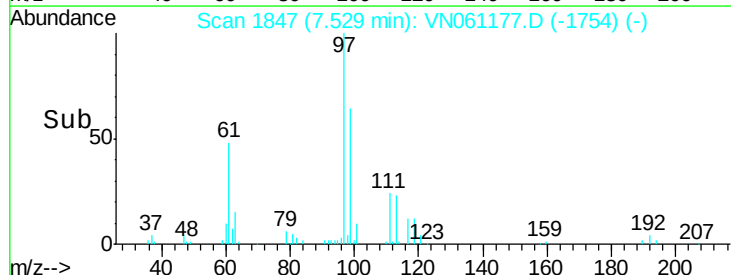
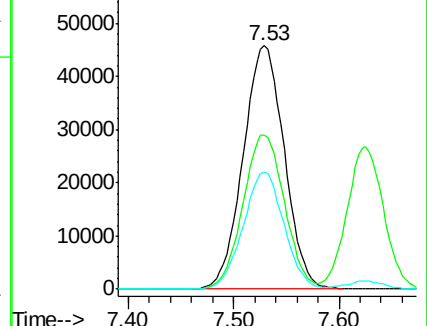
61 47.6 38.6 57.8

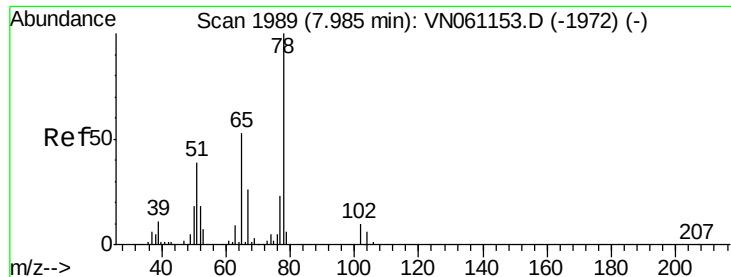


Abundance Ion 96.90 (96.60 to 97.60): VN061177.D (-1754) (-)

Ion 98.90 (98.60 to 99.60): VN061177.D (-1754) (-)

Ion 60.90 (60.60 to 61.60): VN061177.D (-1754) (-)

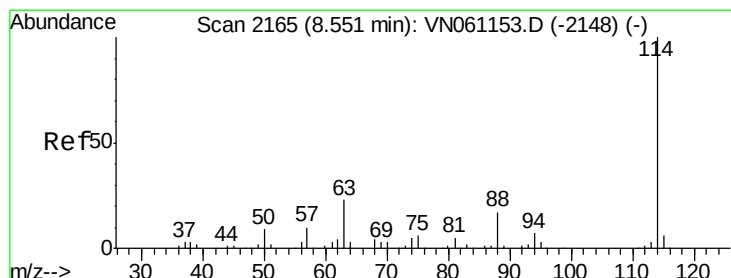
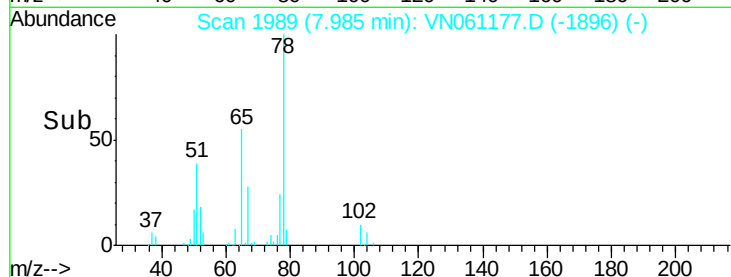
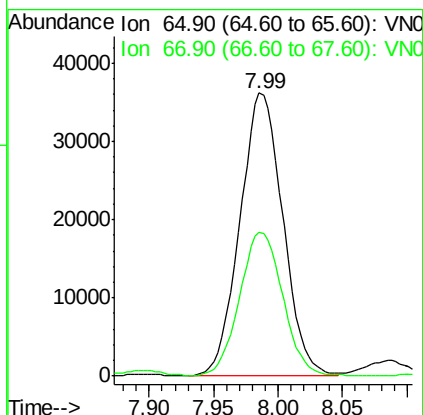
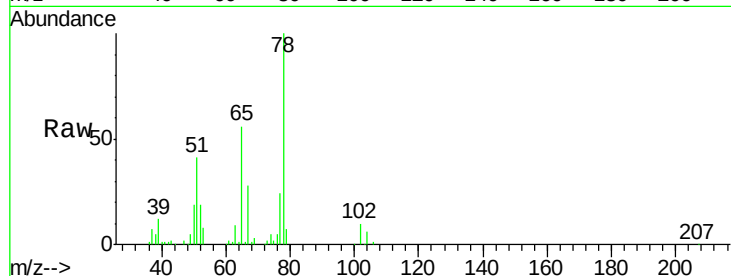




#33
 1,2-Dichloroethane-d4
 Concen: 53.379 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

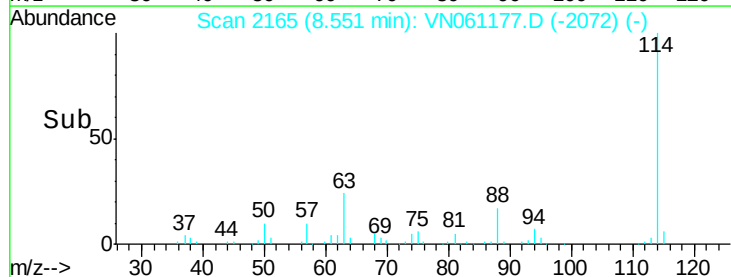
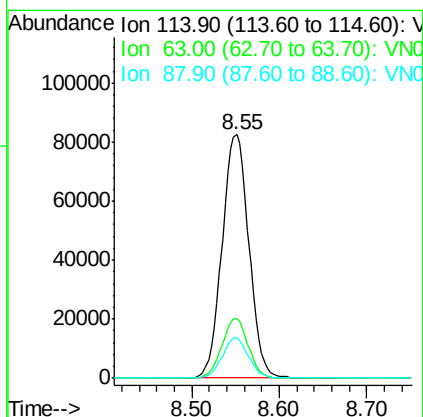
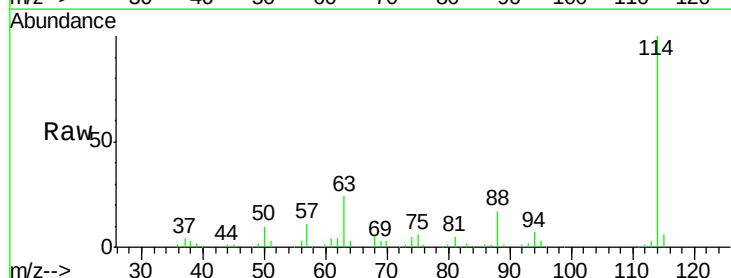
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

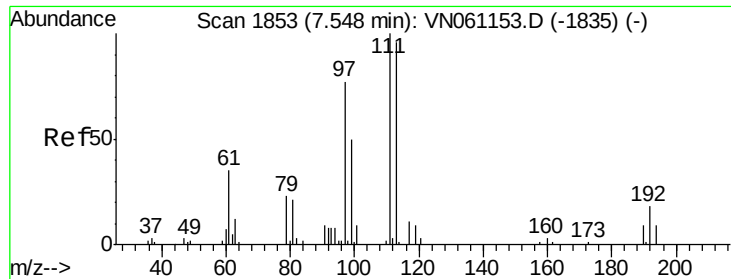
Tot Ion: 65 Resp: 84228
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 114 Resp: 175687
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.6
 88 16.6 0.0 33.4

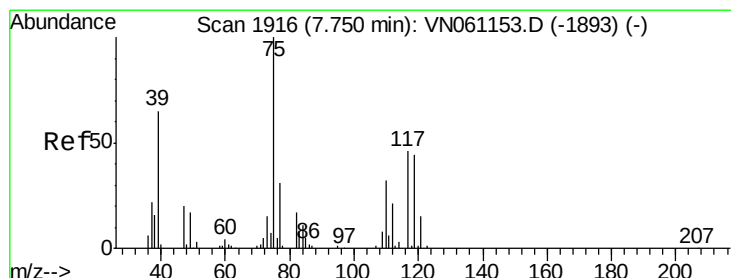
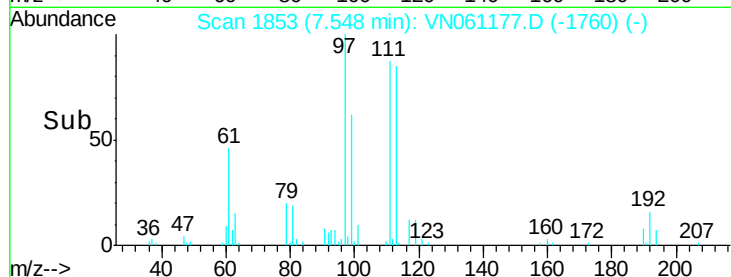
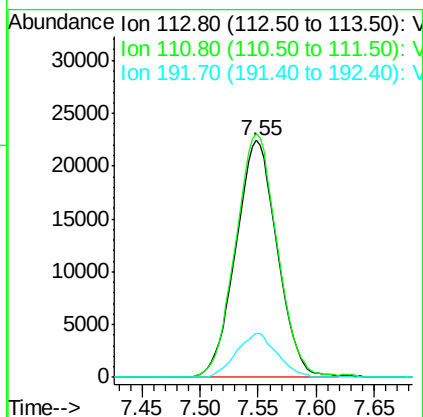
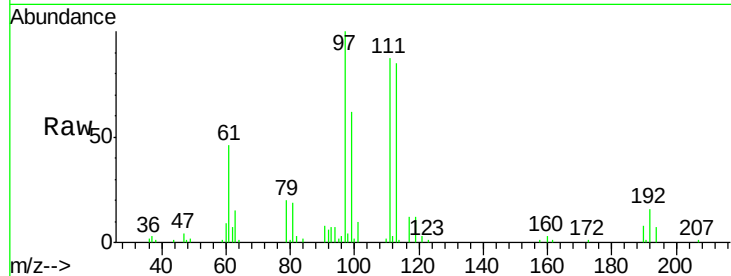




#35
 Dibromofluoromethane
 Concen: 53.636 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

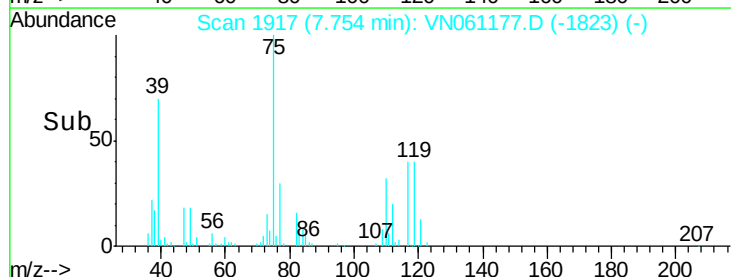
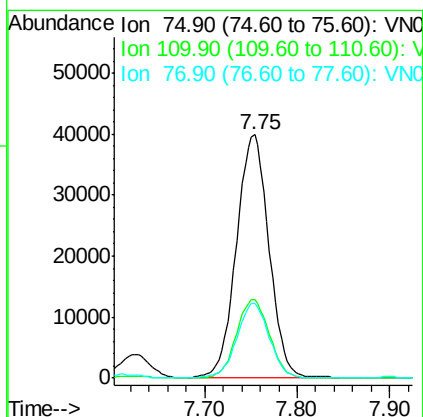
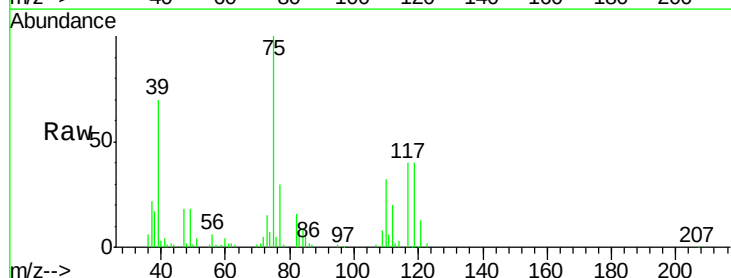
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

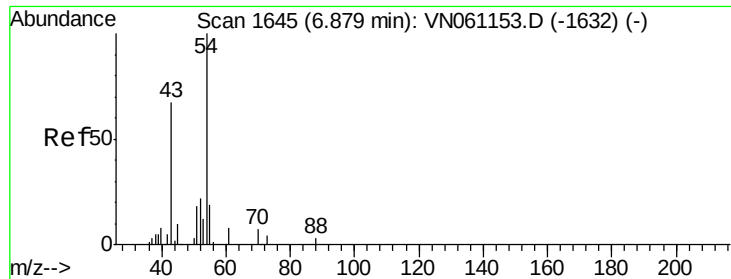
Tot Ion:113 Resp: 55721
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 18.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 55.350 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 75 Resp: 97345
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.0 48.0
 77 30.4 24.6 37.0

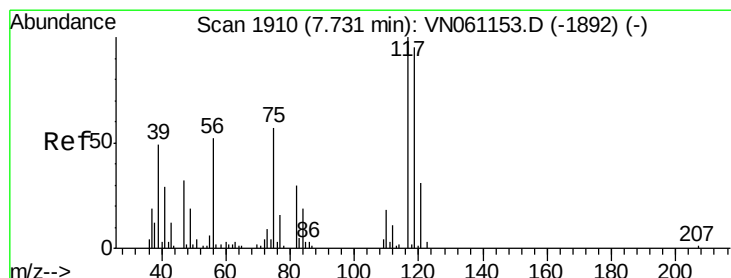
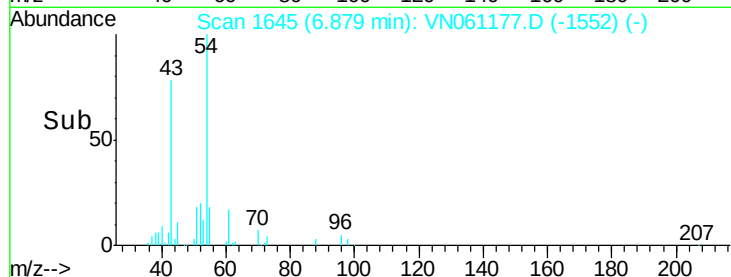
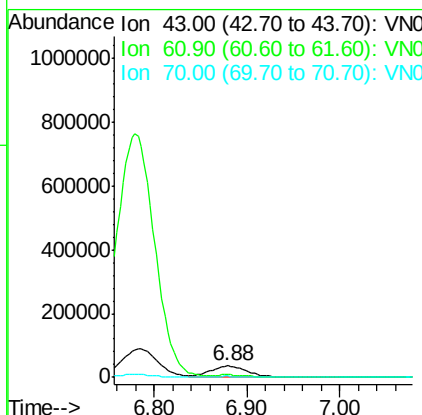
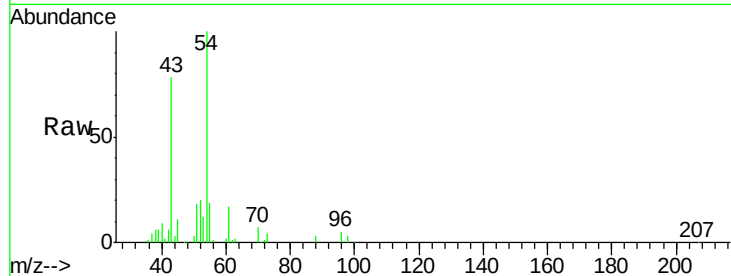




#37
Ethyl Acetate
Concen: 49.553 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

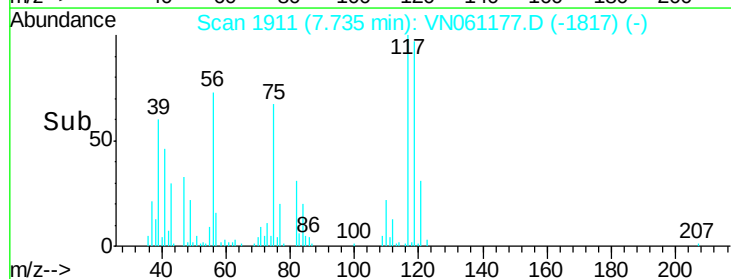
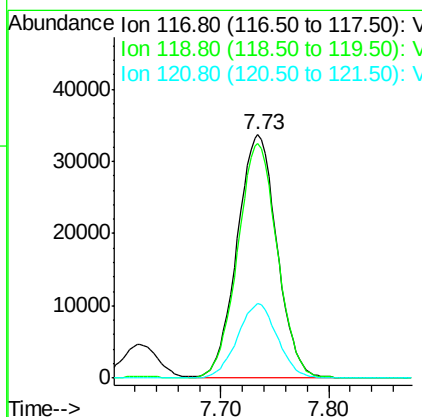
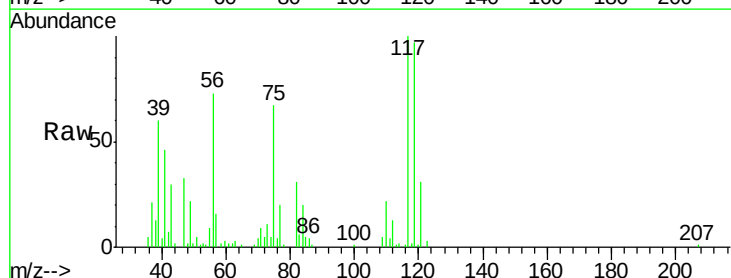
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

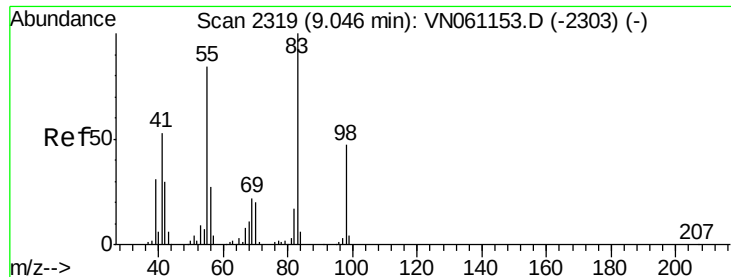
Tot Ion: 43 Resp: 102168
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 61.508 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion: 117 Resp: 86507
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
121 30.5 24.7 37.1

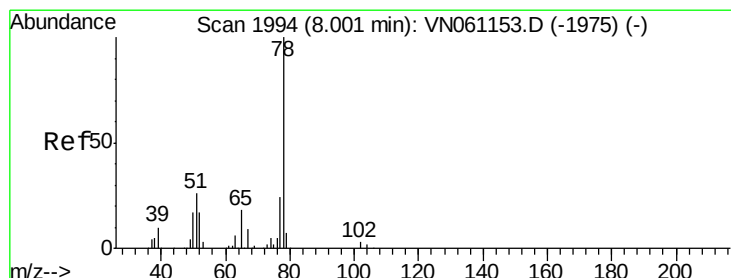
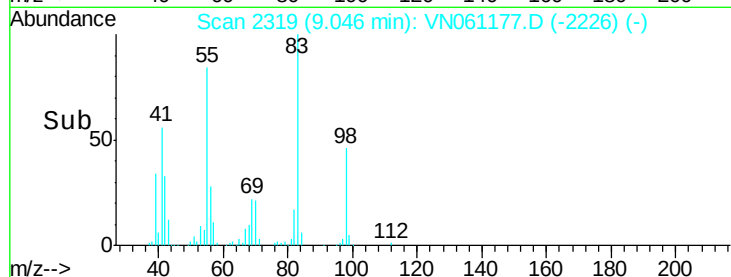
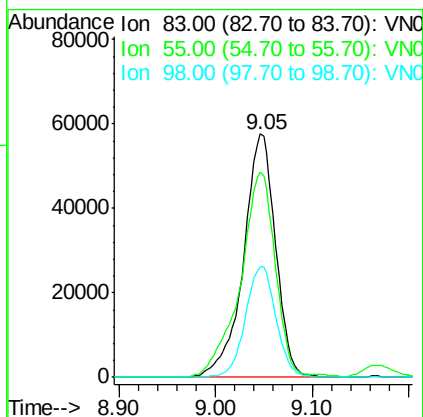
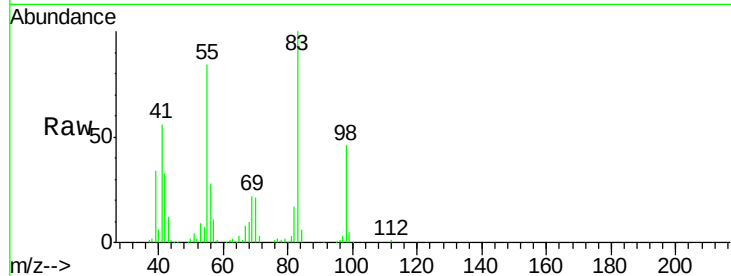




#39
Methylvlcyclohexane
Concen: 63.152 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

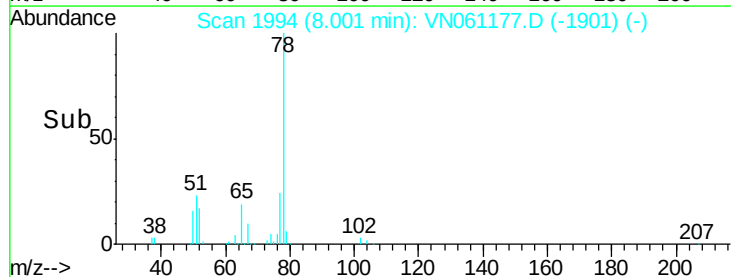
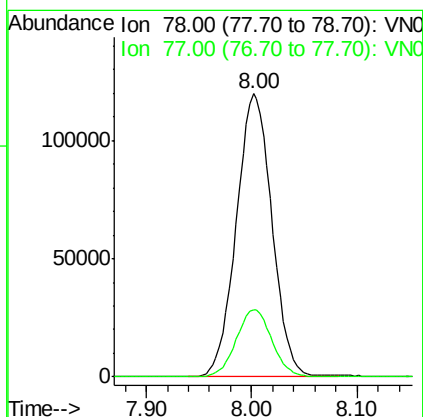
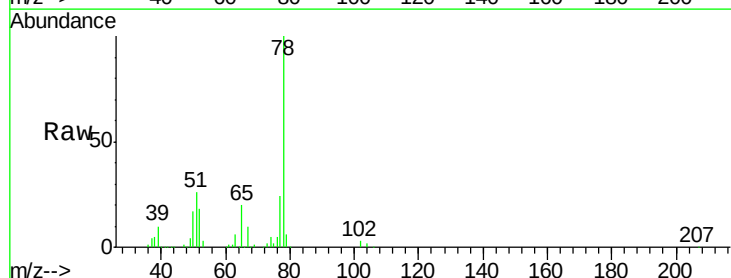
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

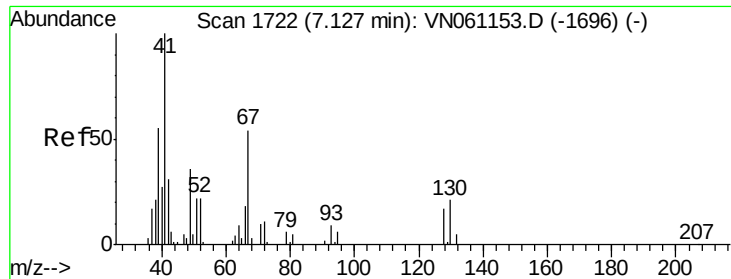
Tot Ion	83	Resp	132896
Ion	Ratio	Lower	Upper
83	100		
55	84.1	67.3	100.9
98	45.5	37.7	56.5



#40
Benzene
Concen: 53.725 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion	78	Resp	281497
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6

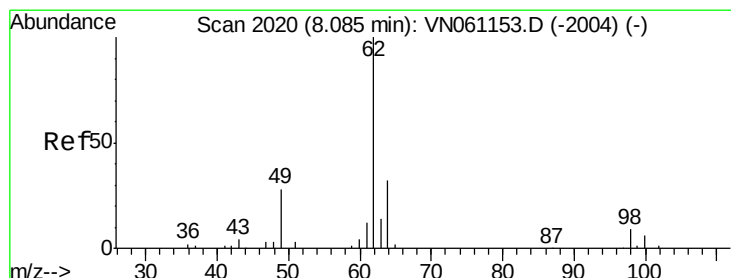
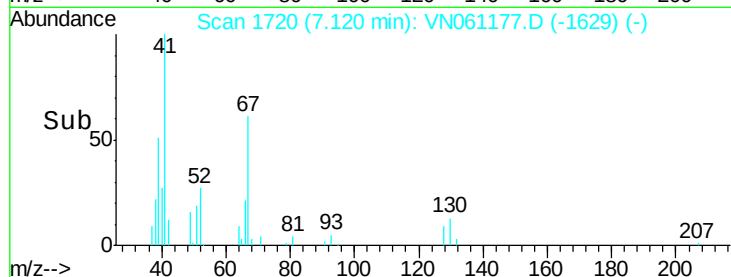
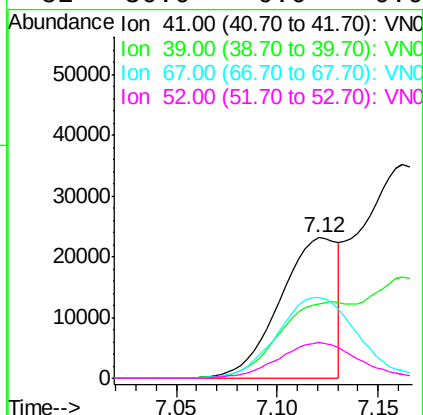
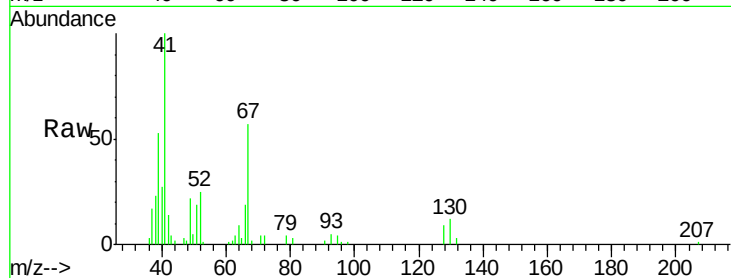




#41
Methacrylonitrile
Concen: 53.540 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

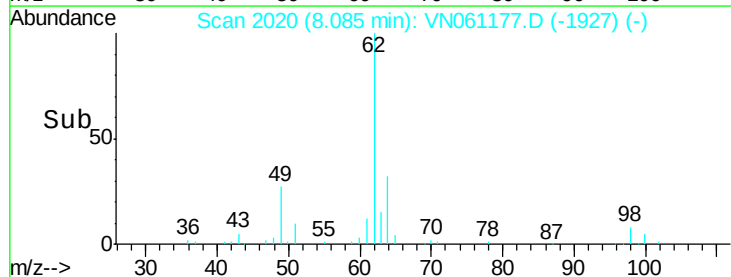
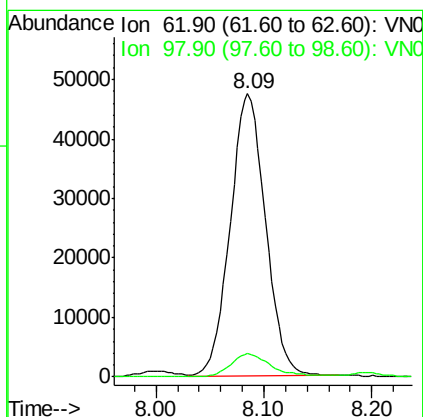
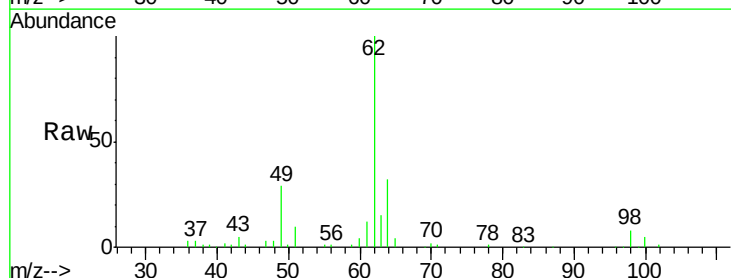
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

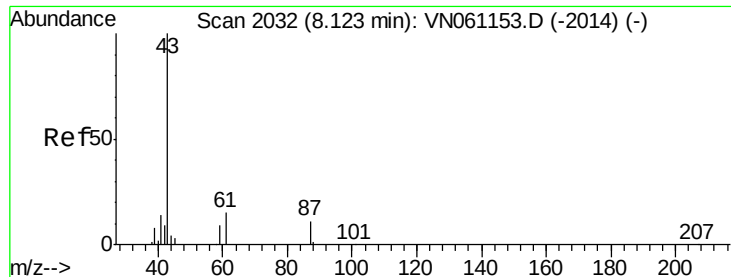
Tot Ion:	41	Resp:	45833
Ion	Ratio	Lower	Upper
41	100		
39	65.9	0.0	0.0#
67	80.4	0.0	0.0#
52	36.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 54.495 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion:	62	Resp:	108170
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 67.093 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

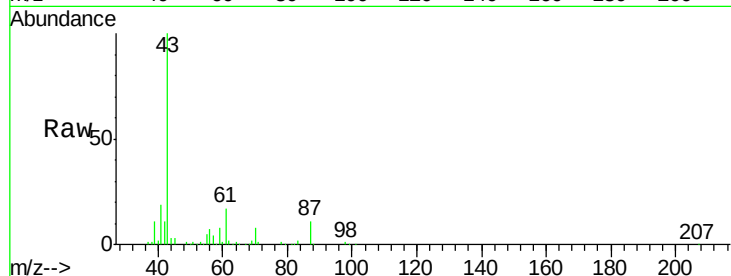
Tot Ion: 43 Resp: 229577

Ion Ratio Lower Upper

43 100

61 14.0 19.5 29.3#

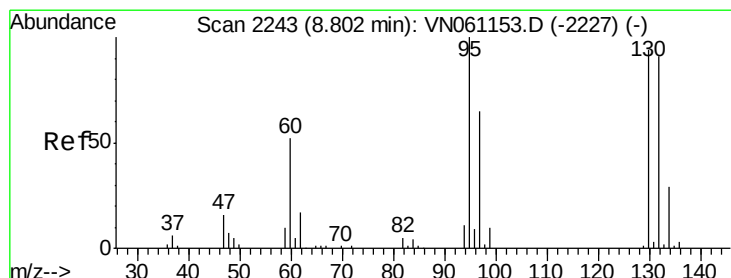
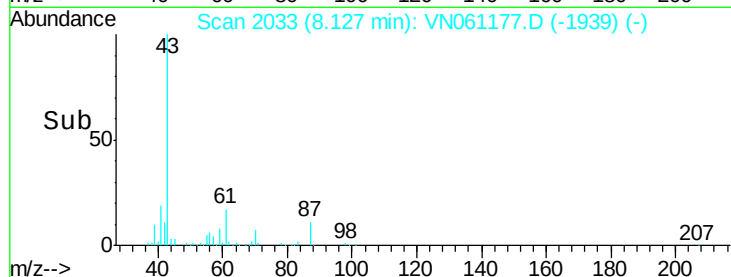
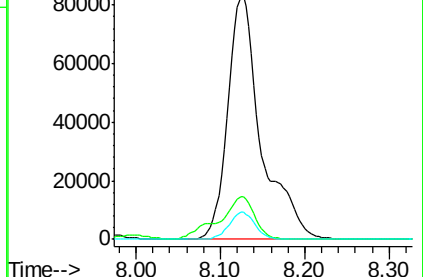
87 8.5 8.9 13.3#



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) (-)



#44

Trichloroethene

Concen: 62.889 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061177.D

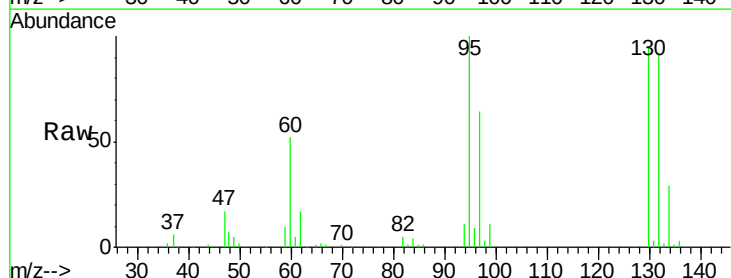
Acq: 28 Apr 2020 20:41

Tgt Ion: 130 Resp: 89078

Ion Ratio Lower Upper

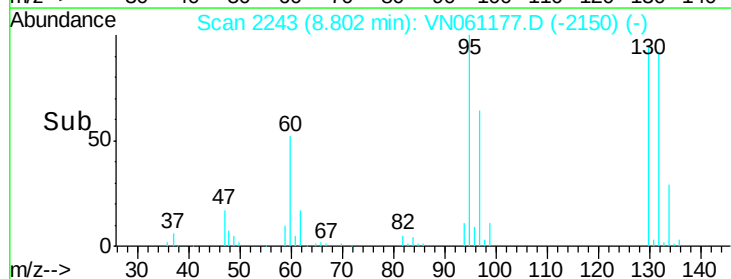
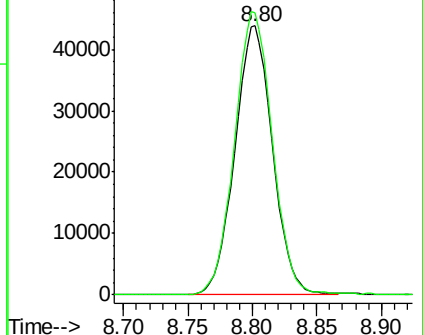
130 100

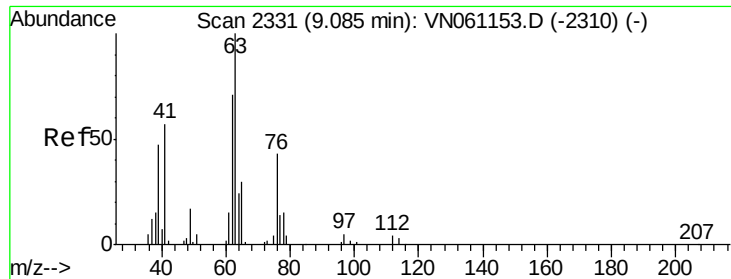
95 105.1 0.0 212.4



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

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

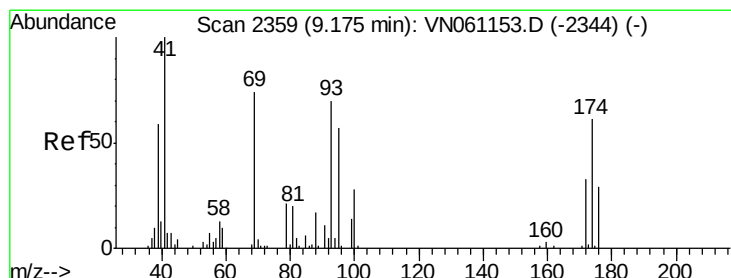
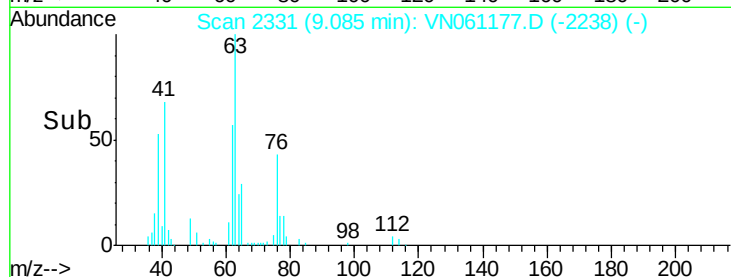
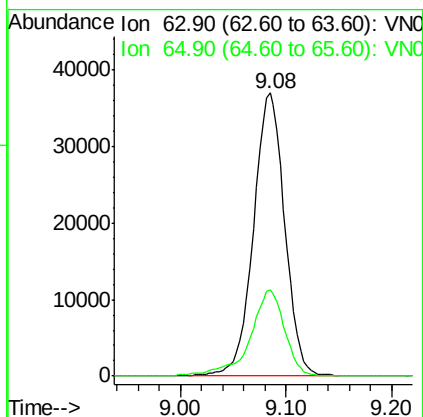
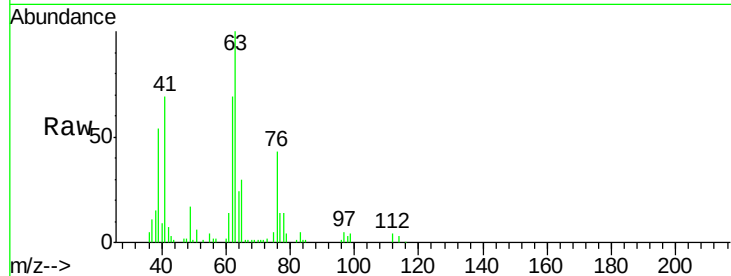




#45
 1,2-Dichloropropane
 Concen: 54.522 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

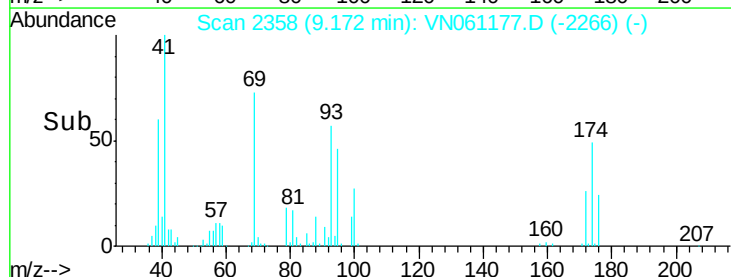
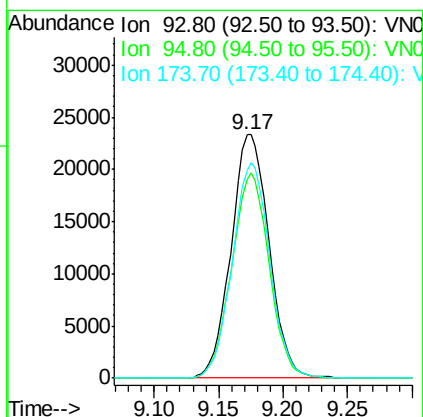
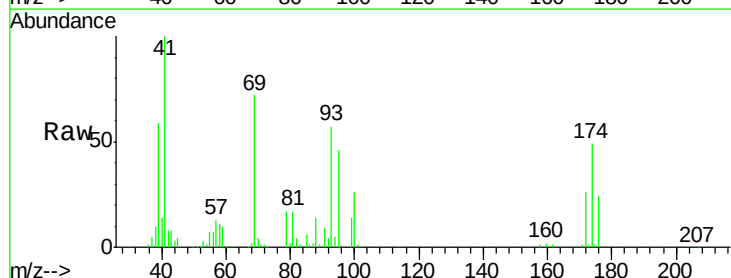
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

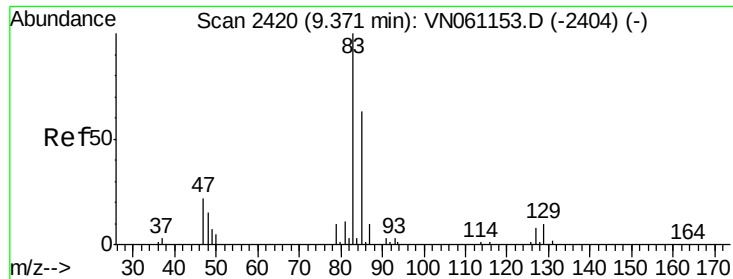
Tot Ion: 63 Resp: 76321
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 55.156 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 93 Resp: 47805
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 87.2 70.2 105.2





#47

Bromodichloromethane

Concen: 56.615 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

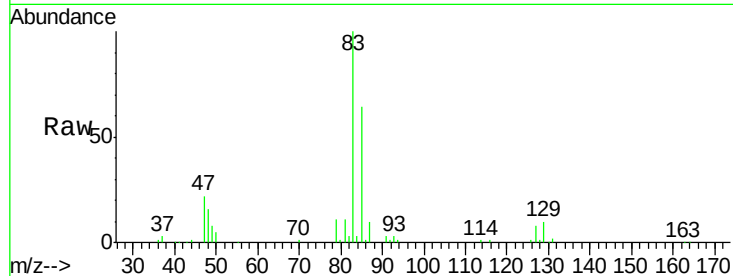
Tot Ion: 83 Resp: 105322

Ion Ratio Lower Upper

83 100

85 63.7 50.4 75.6

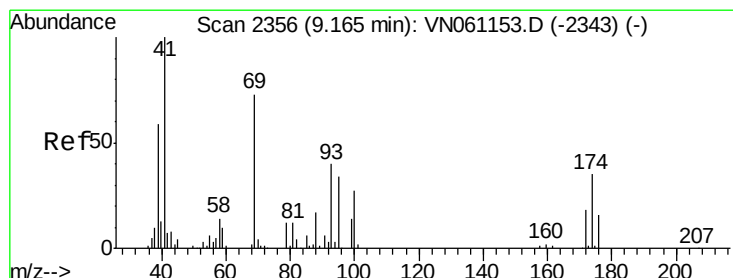
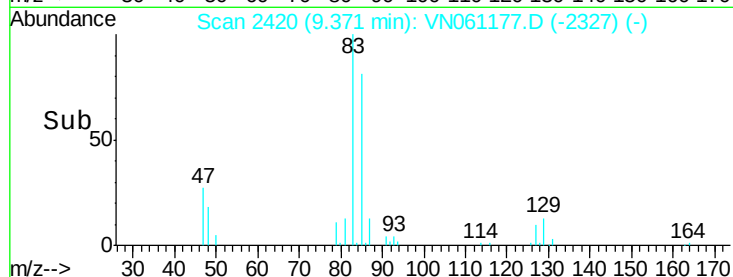
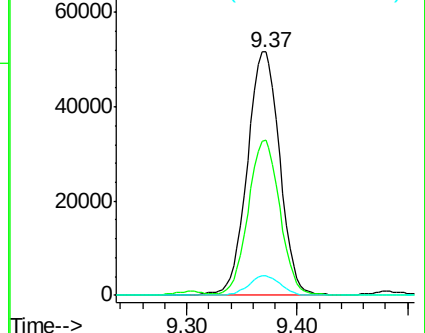
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061177.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061177.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061177.D (-2327) (-)



#48

Methyl methacrylate

Concen: 54.938 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

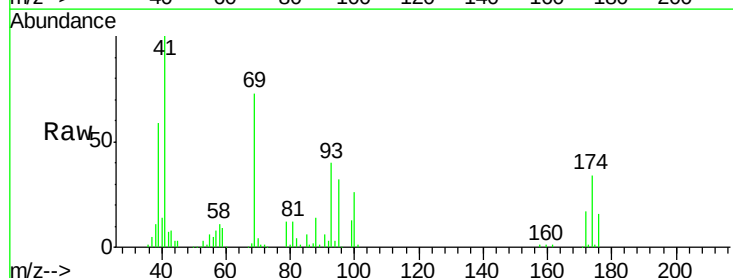
Tgt Ion: 41 Resp: 84829

Ion Ratio Lower Upper

41 100

69 74.4 60.3 90.5

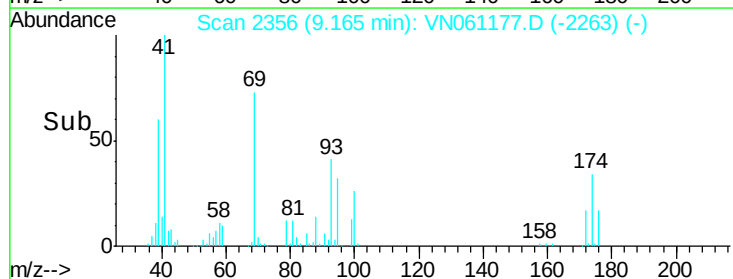
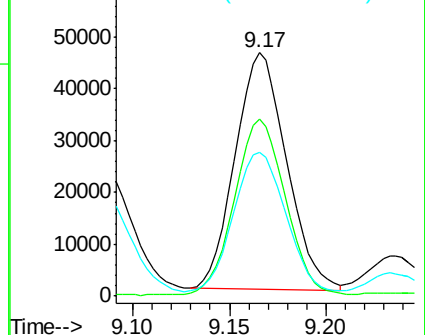
39 59.6 47.4 71.0

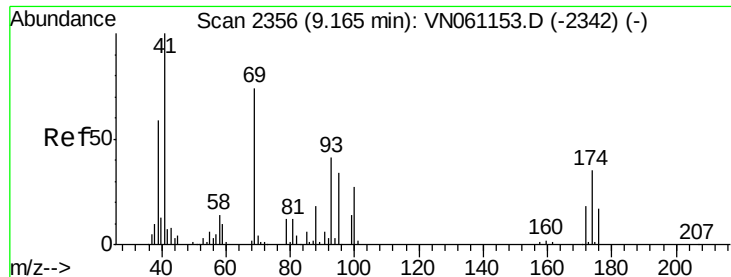


Abundance Ion 41.00 (40.70 to 41.70): VN061177.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061177.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061177.D (-2263) (-)

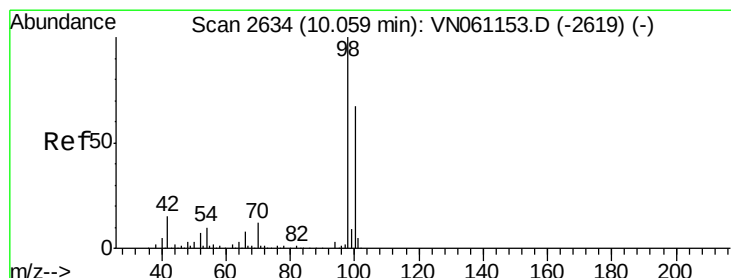
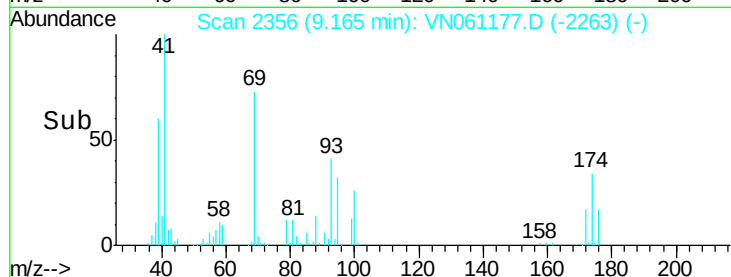
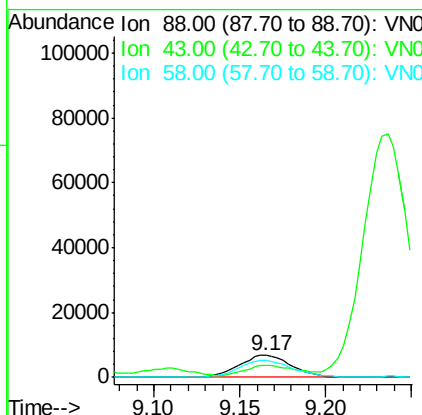
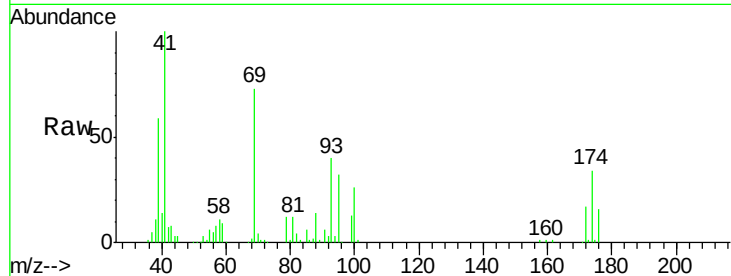




#49
1,4-Dioxane
Concen: 799.555 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

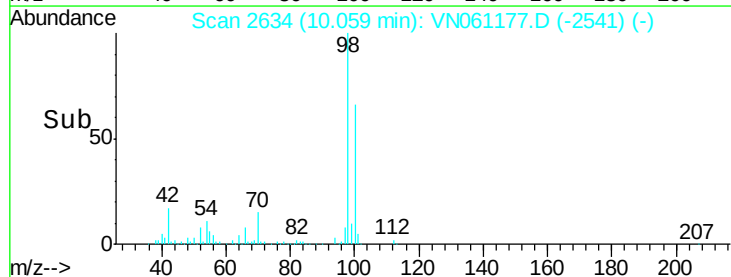
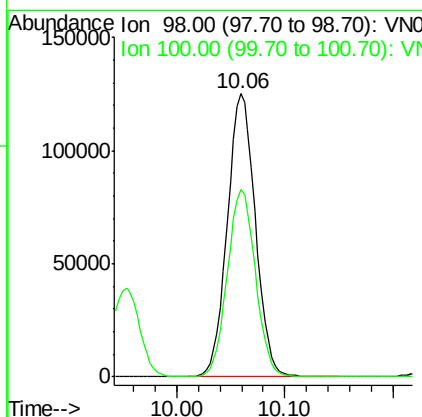
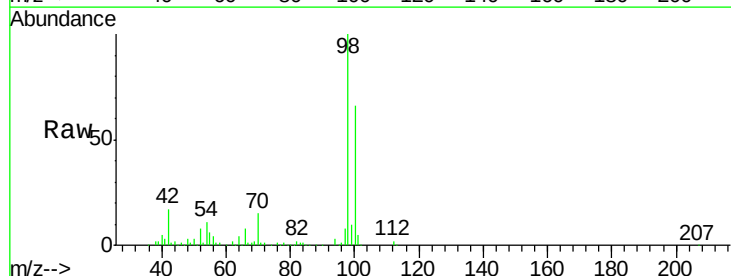
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

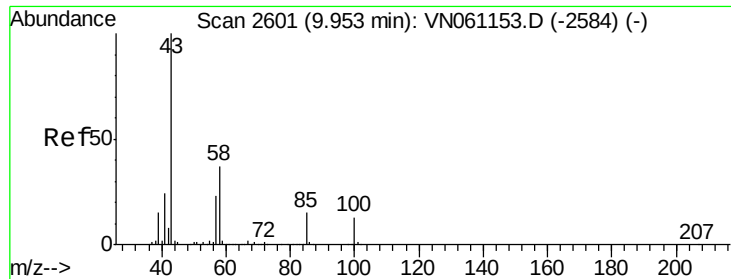
Tot Ion: 88 Resp: 14014
Ion Ratio Lower Upper
88 100
43 56.4 35.3 52.9#
58 80.1 61.5 92.3



#50
Toluene-d8
Concen: 53.347 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion: 98 Resp: 225925
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

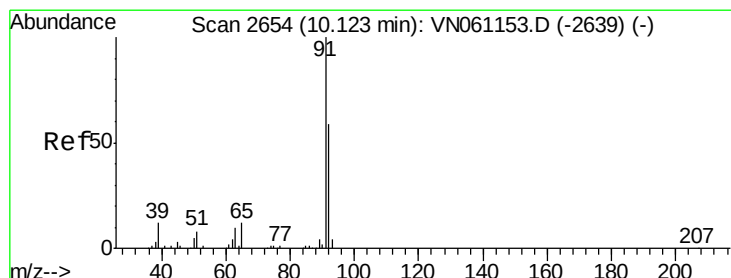
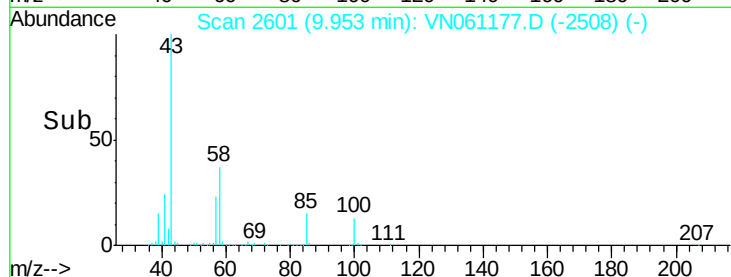
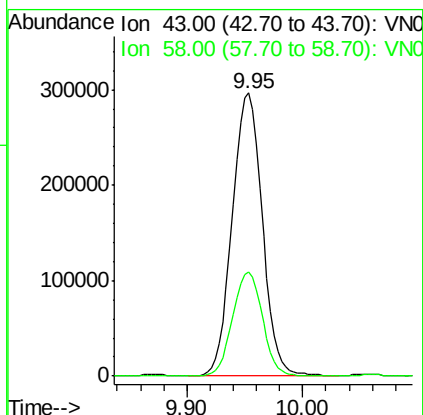
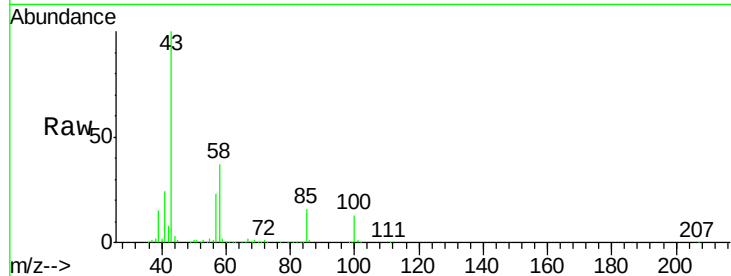




#51
 4-Methyl-2-Pentanone
 Concen: 264.199 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

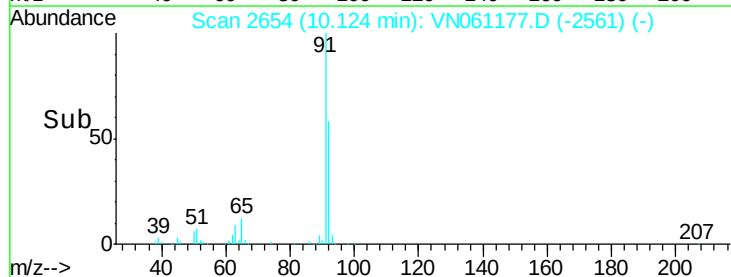
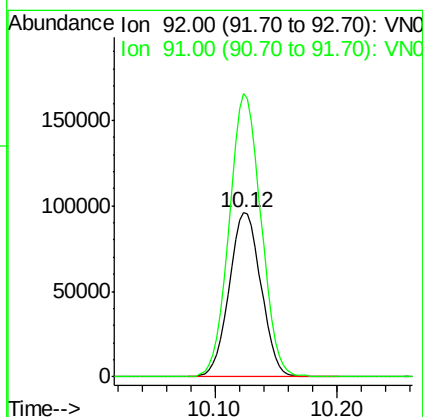
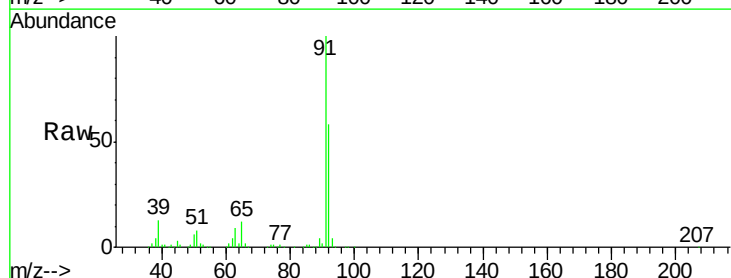
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

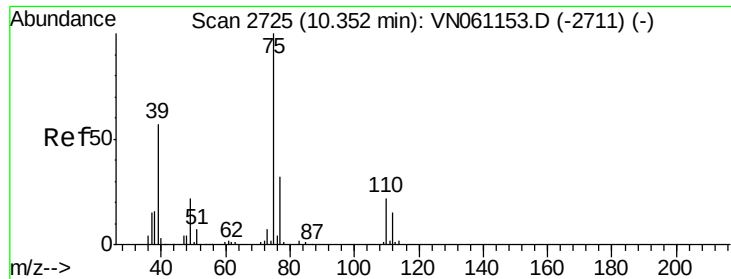
Tot Ion: 43 Resp: 532126
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.1 43.7



#52
 Toluene
 Concen: 55.410 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 92 Resp: 174872
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 54.791 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

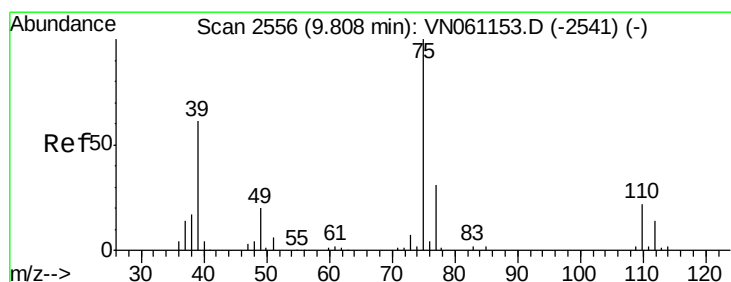
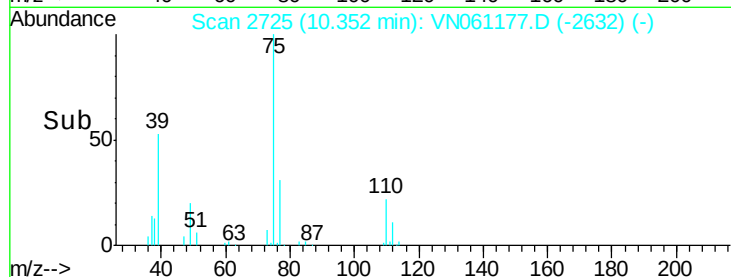
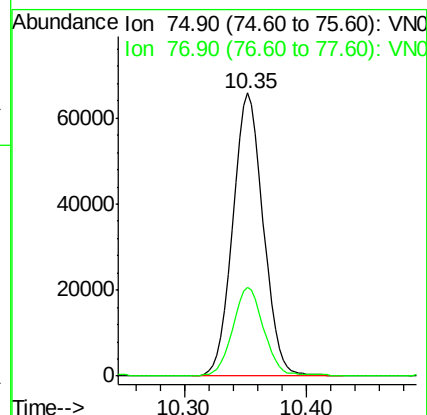
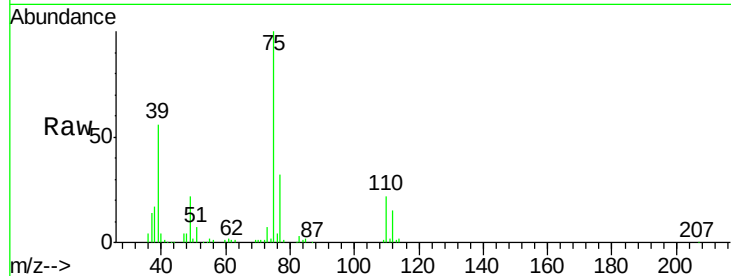
ST006RW149-200422MSD

Tot Ion: 75 Resp: 114853

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.580 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

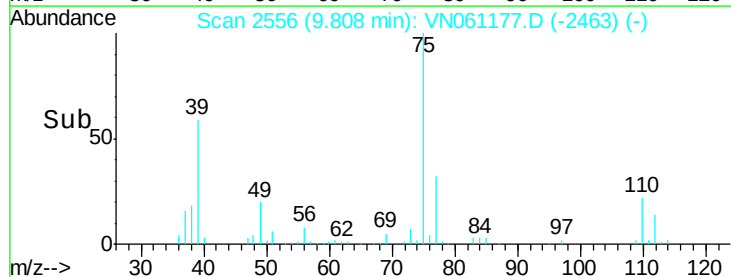
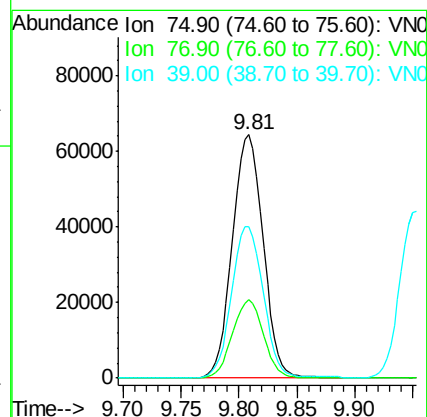
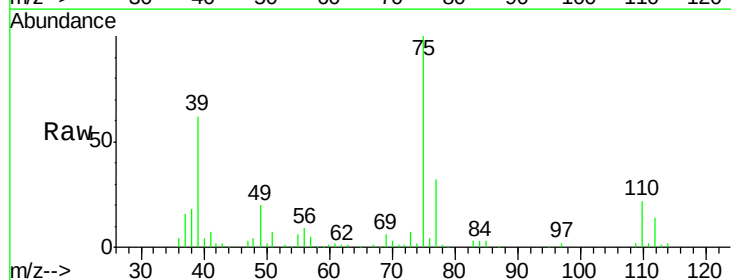
Tgt Ion: 75 Resp: 118739

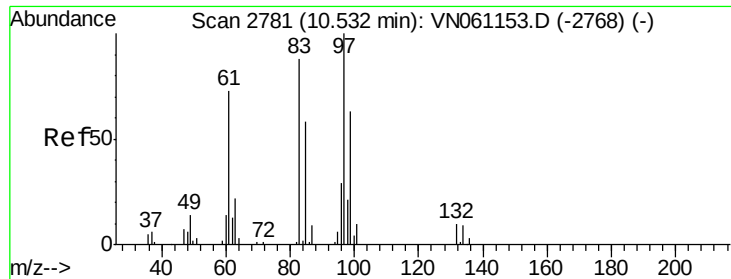
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 62.3 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 67.262 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

Tot Ion: 97 Resp: 84672

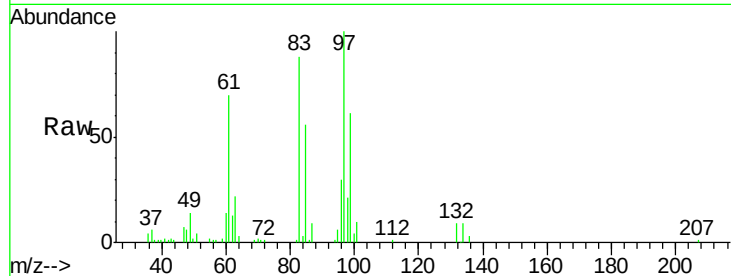
Ion Ratio Lower Upper

97 100

83 88.2 70.6 106.0

85 56.2 46.4 69.6

99 61.1 50.6 75.8

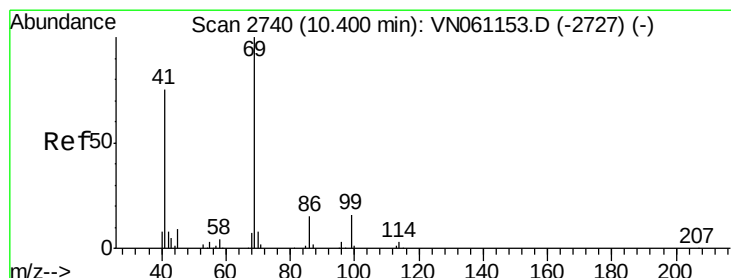
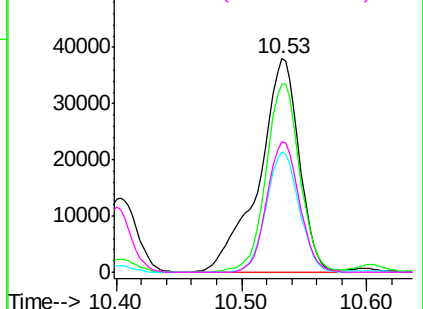
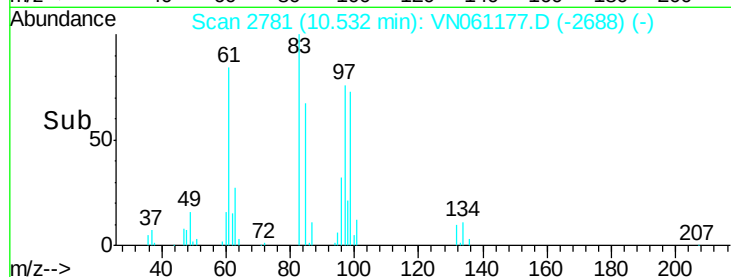


Abundance Ion 96.90 (96.60 to 97.60): VN061177.D (-2688) (-)

Ion 82.90 (82.60 to 83.60): VN061177.D (-2688) (-)

Ion 84.90 (84.60 to 85.60): VN061177.D (-2688) (-)

Ion 98.90 (98.60 to 99.60): VN061177.D (-2688) (-)



#56

Ethyl methacrylate

Concen: 53.475 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

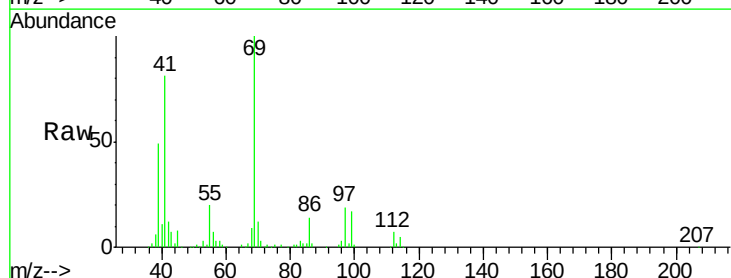
Tgt Ion: 69 Resp: 117743

Ion Ratio Lower Upper

69 100

41 80.8 60.3 90.5

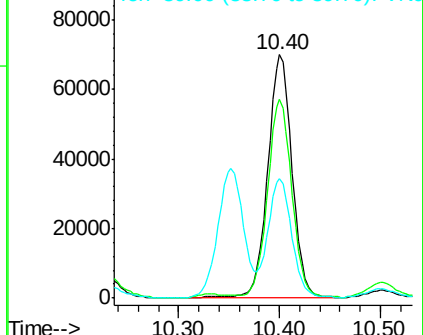
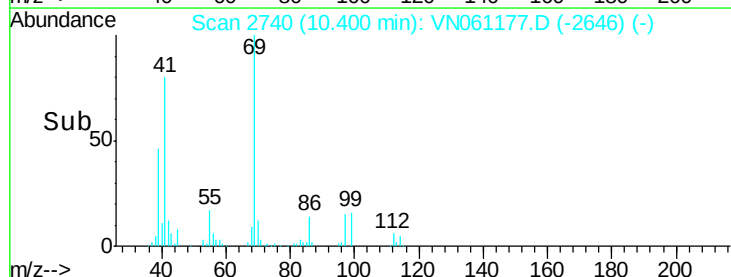
39 47.2 35.9 53.9

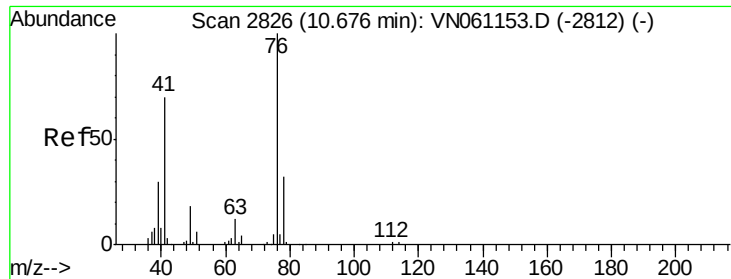


Abundance Ion 69.00 (68.70 to 69.70): VN061177.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061177.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061177.D (-2646) (-)

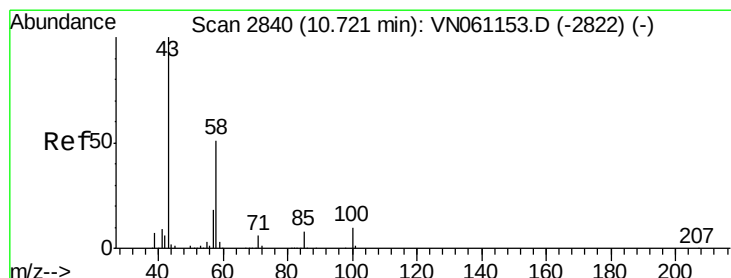
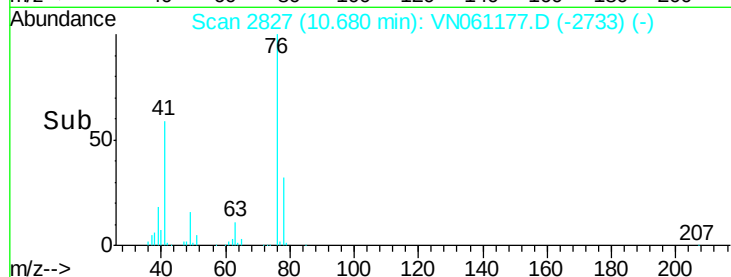
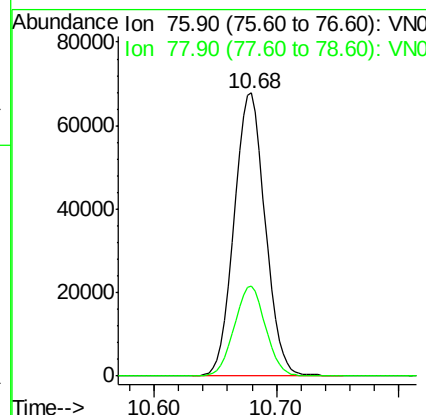
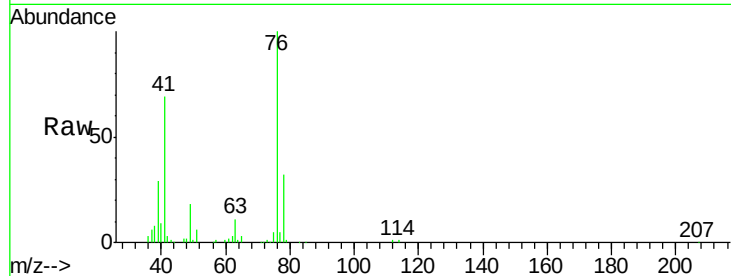




#57
 1,3-Dichloropropane
 Concen: 54.403 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

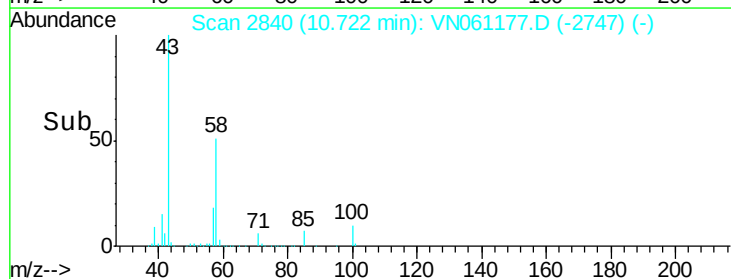
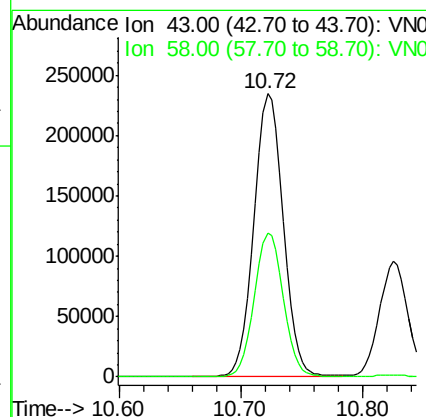
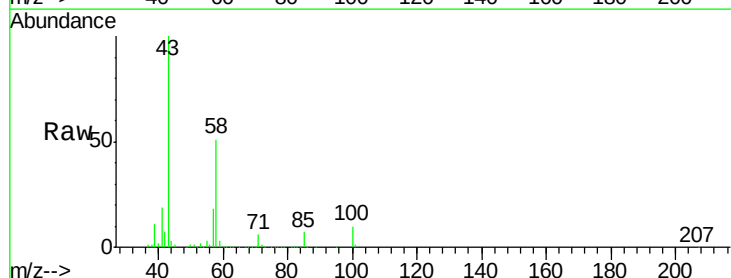
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

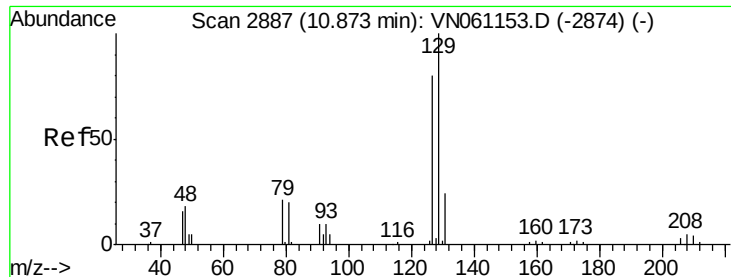
Tot Ion: 76 Resp: 120379
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#59
 2-Hexanone
 Concen: 264.479 ug/l
 RT: 10.72 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 43 Resp: 387543
 Ion Ratio Lower Upper
 43 100
 58 50.4 25.4 76.4





#60

Dibromochloromethane

Concen: 56.594 ug/l

RT: 10.87 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

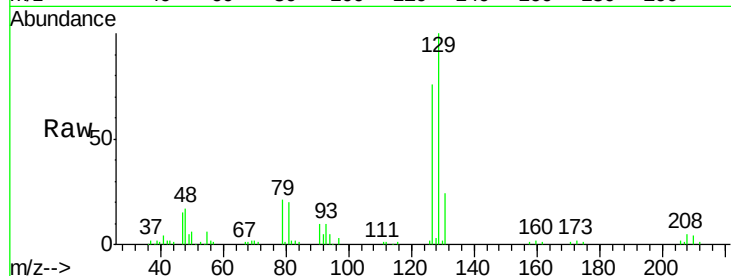
ST006RW149-200422MSD

Tot Ion:129 Resp: 74615

Ion Ratio Lower Upper

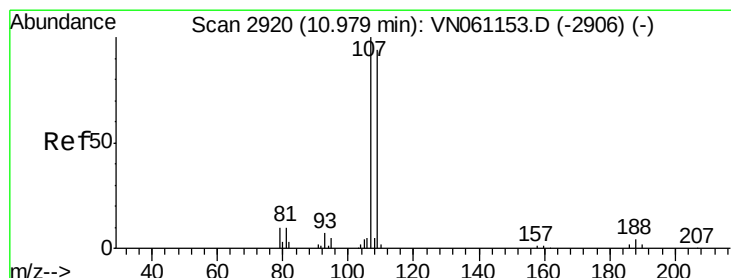
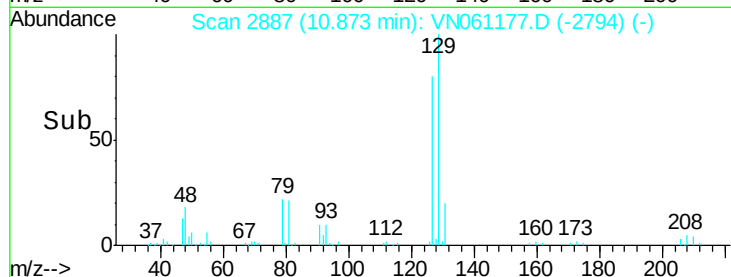
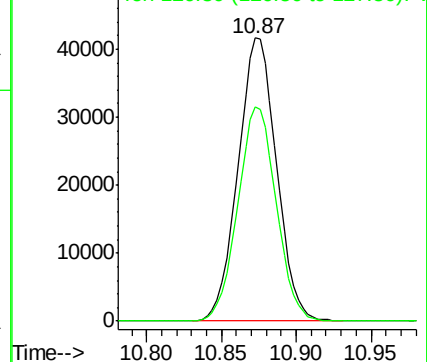
129 100

127 75.4 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 55.422 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061177.D

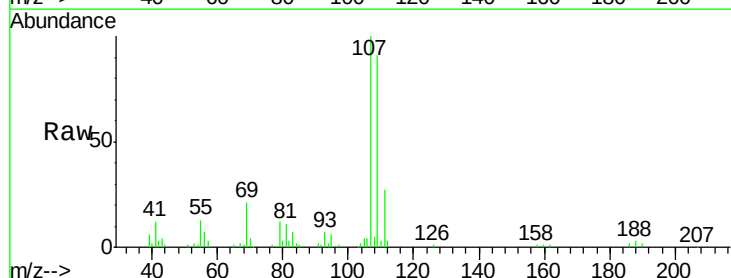
Acq: 28 Apr 2020 20:41

Tgt Ion:107 Resp: 69927

Ion Ratio Lower Upper

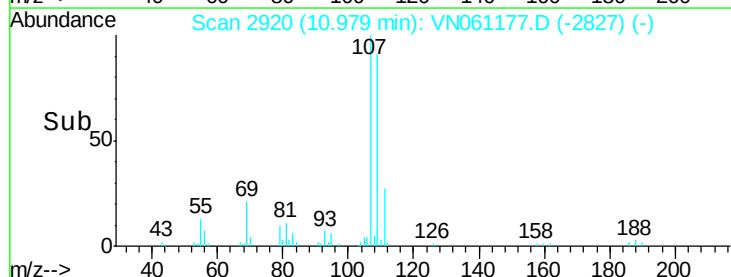
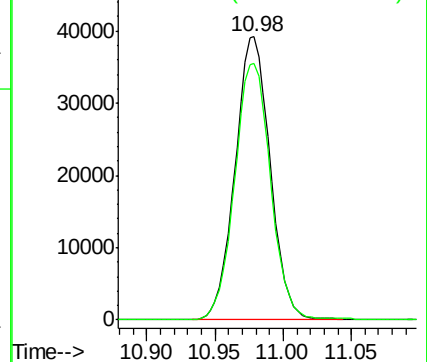
107 100

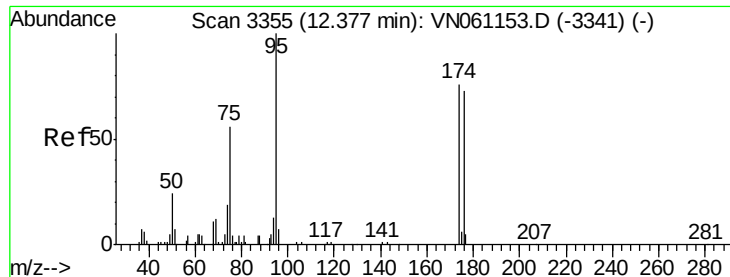
109 92.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 54.352 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

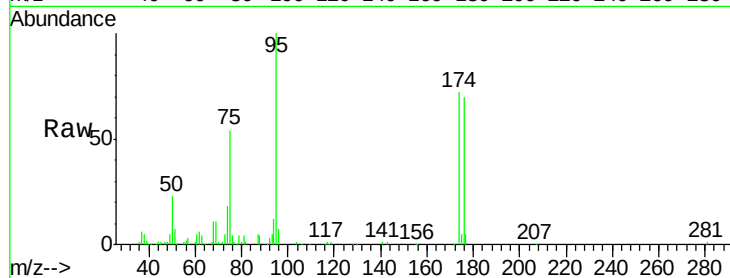
Tot Ion: 95 Resp: 86621

Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.4

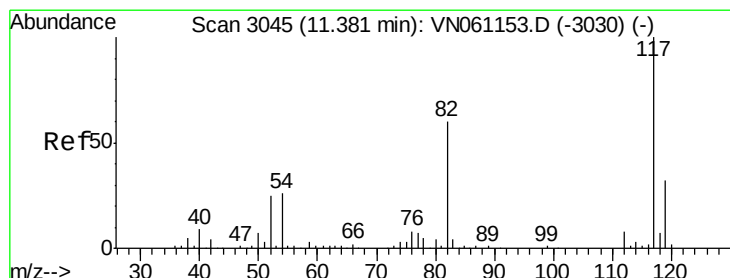
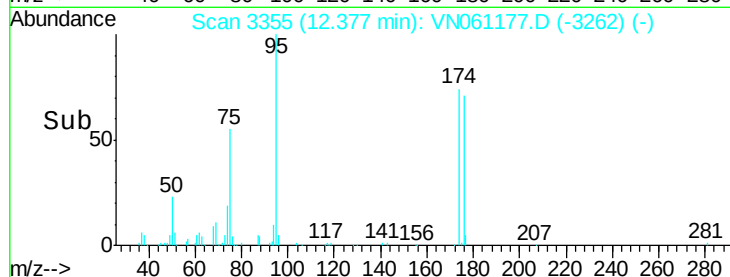
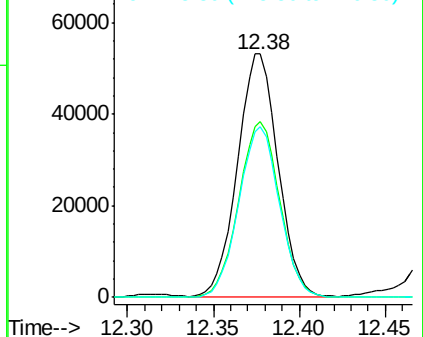
176 70.7 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

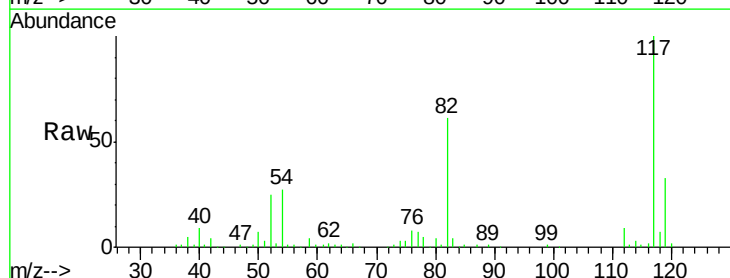
Tgt Ion: 117 Resp: 167051

Ion Ratio Lower Upper

117 100

82 60.4 47.8 71.8

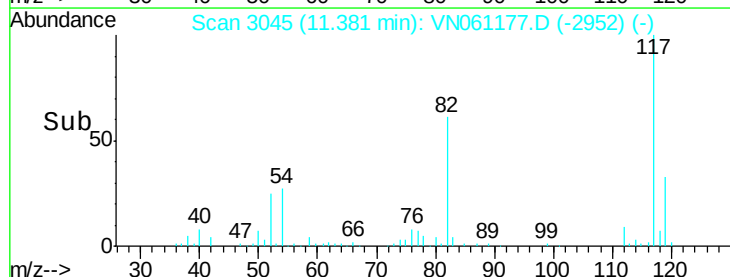
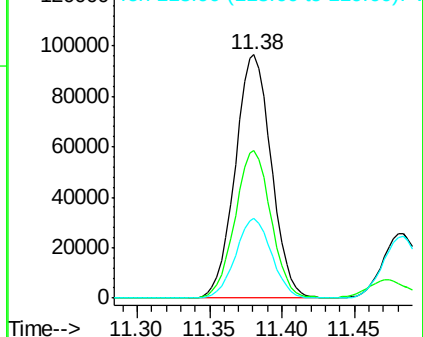
119 32.7 25.8 38.6

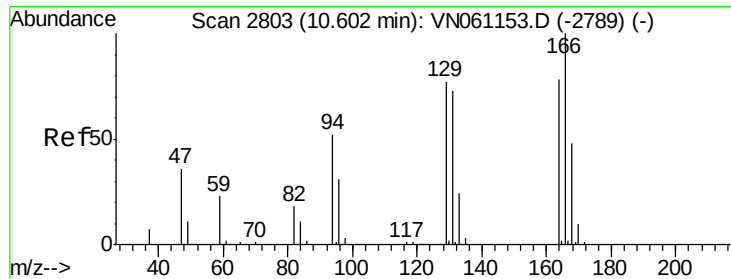


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 56.673 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

Tot Ion:164 Resp: 81997

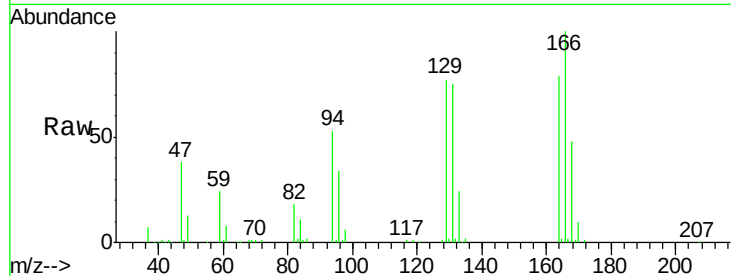
Ion Ratio Lower Upper

164 100

166 126.6 102.0 153.0

129 97.5 78.2 117.2

131 95.1 74.5 111.7

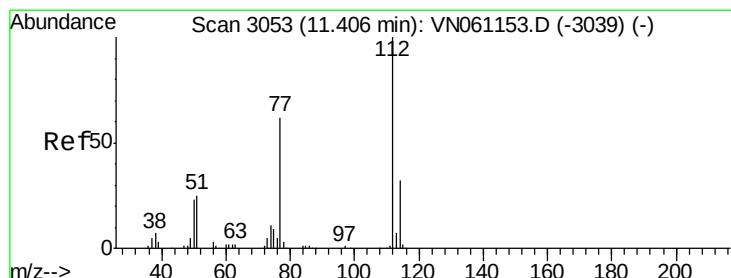
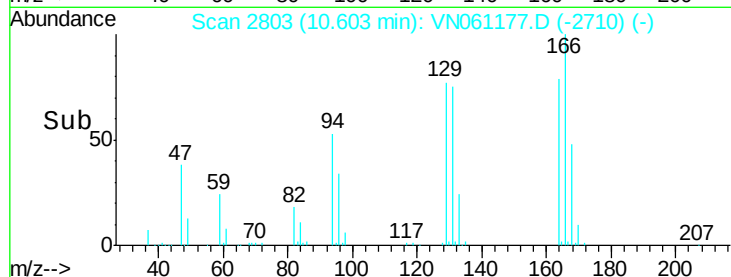
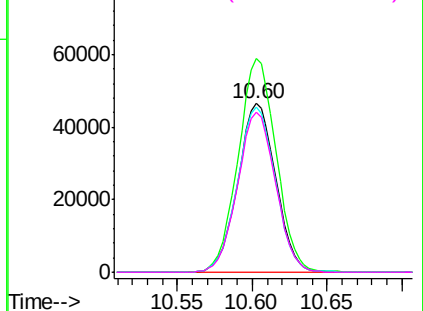


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 54.295 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061177.D

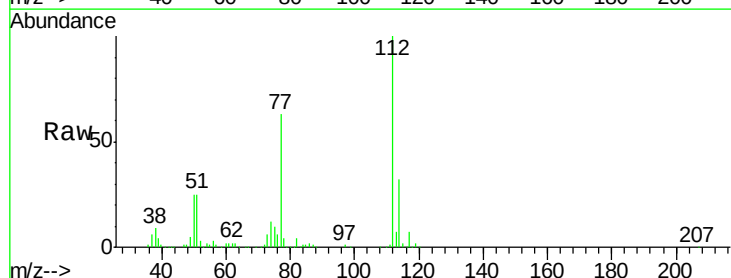
Acq: 28 Apr 2020 20:41

Tgt Ion:112 Resp: 179920

Ion Ratio Lower Upper

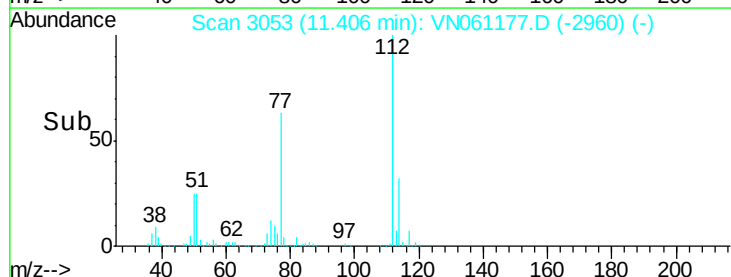
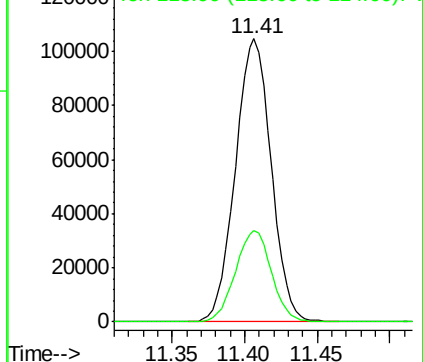
112 100

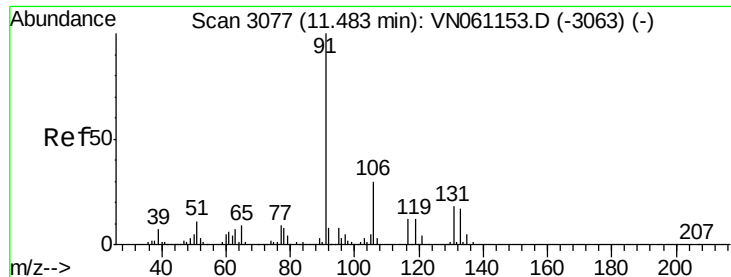
114 32.5 25.4 38.2



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: 55.294 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

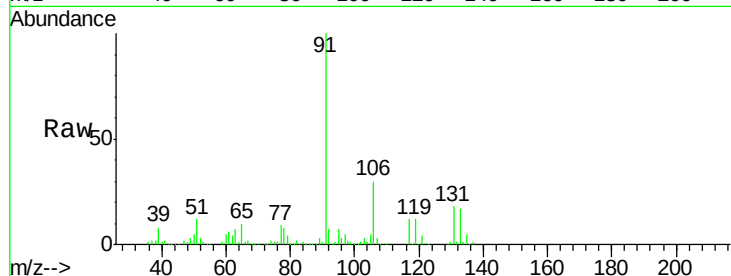
Tot Ion:131 Resp: 65580

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

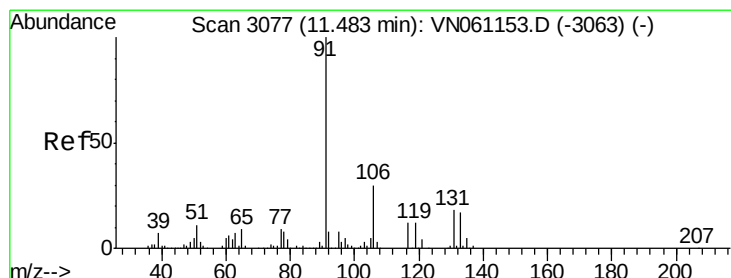
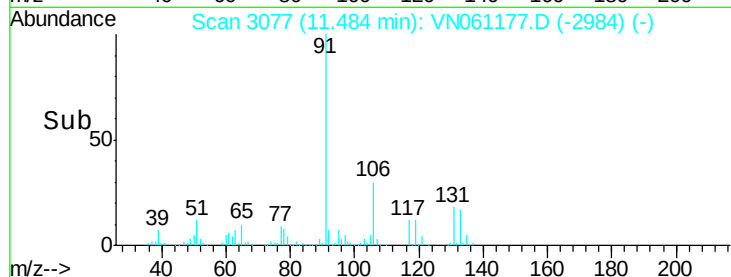
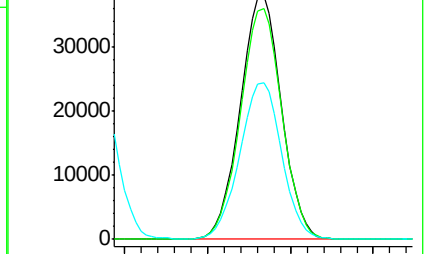
119 65.4 32.6 97.8



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: 55.486 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061177.D

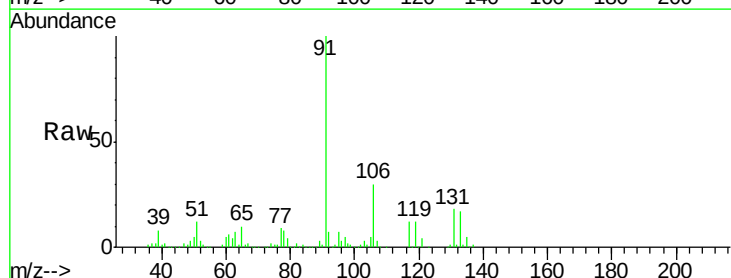
Acq: 28 Apr 2020 20:41

Tgt Ion: 91 Resp: 344192

Ion Ratio Lower Upper

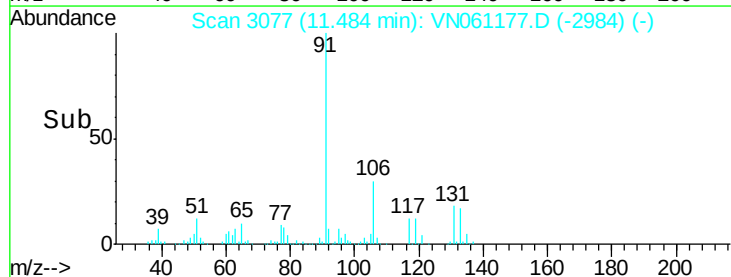
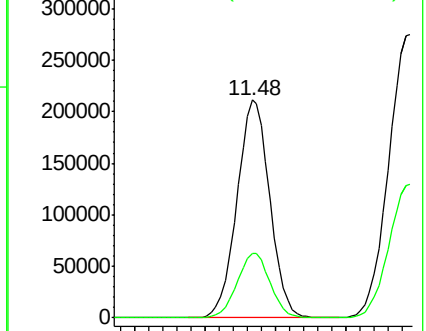
91 100

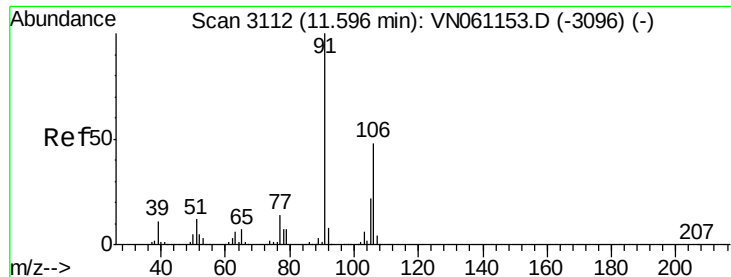
106 29.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

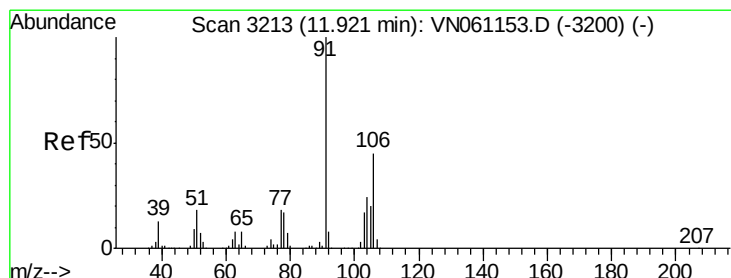
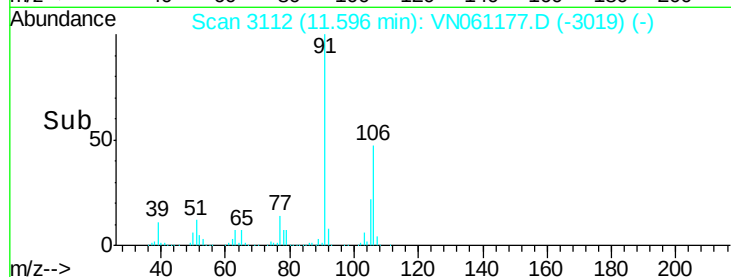
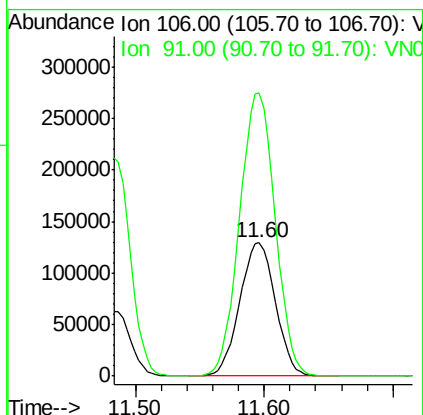
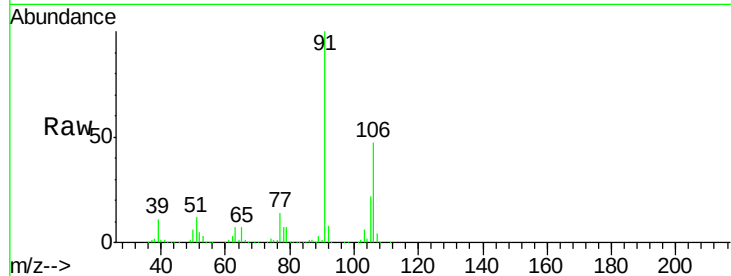




#68
m/p-Xylenes
Concen: 109.701 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

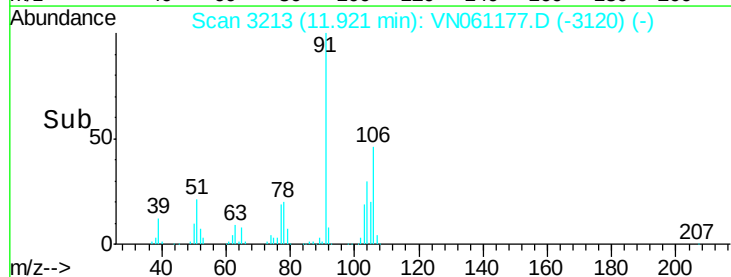
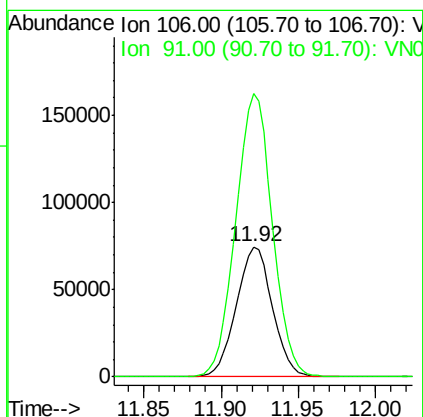
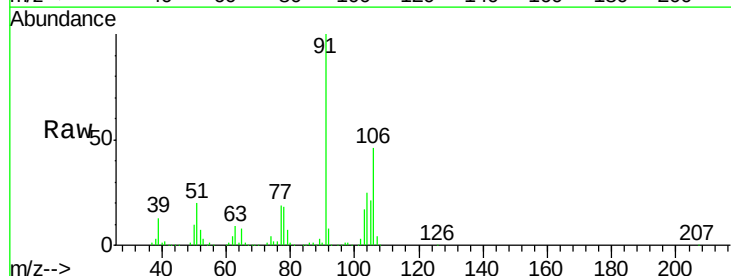
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

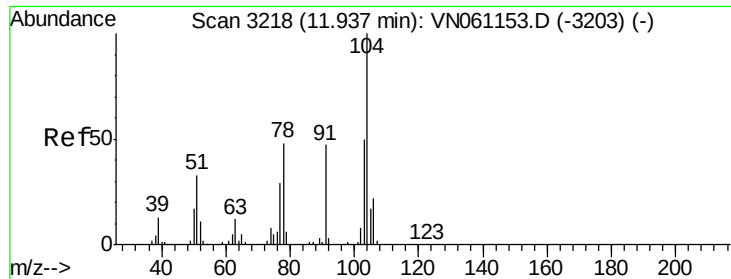
Tot Ion:106 Resp: 249085
Ion Ratio Lower Upper
106 100
91 211.9 166.4 249.6



#69
o-Xylene
Concen: 55.400 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion:106 Resp: 120829
Ion Ratio Lower Upper
106 100
91 221.1 109.7 329.0

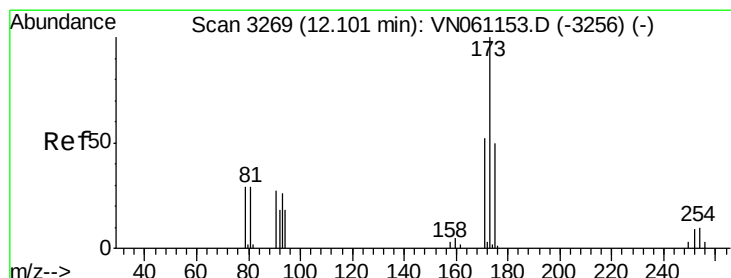
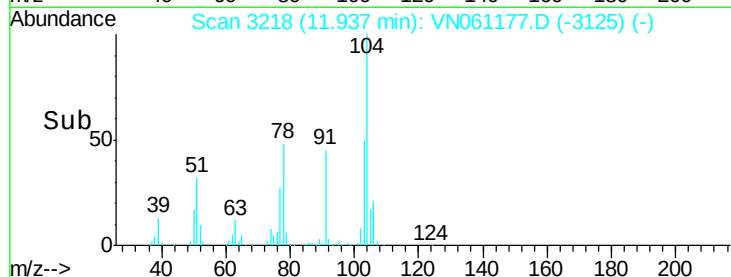
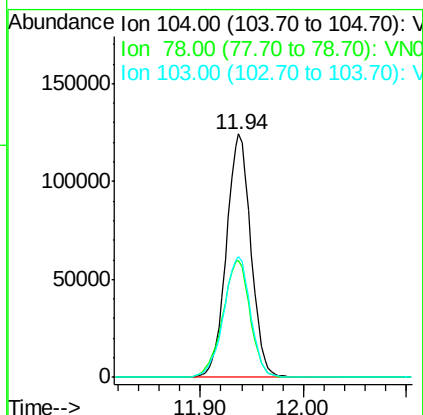
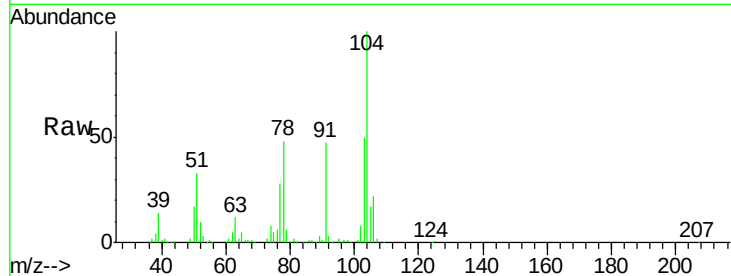




#70
Stvrene
Concen: 56.427 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

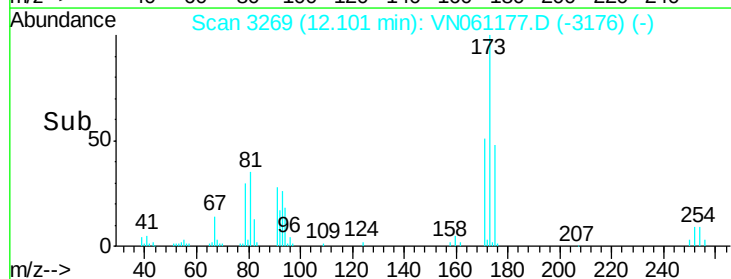
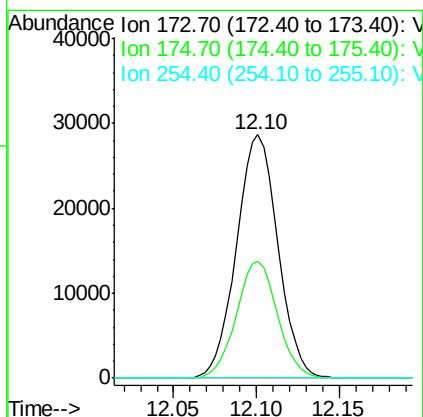
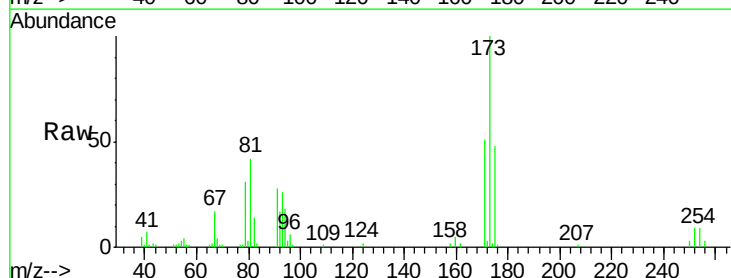
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

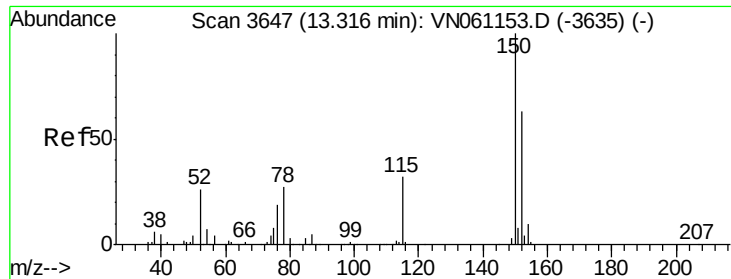
Tot Ion:104 Resp: 205980
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 54.1 43.3 64.9



#71
Bromoform
Concen: 57.022 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion:173 Resp: 49704
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0

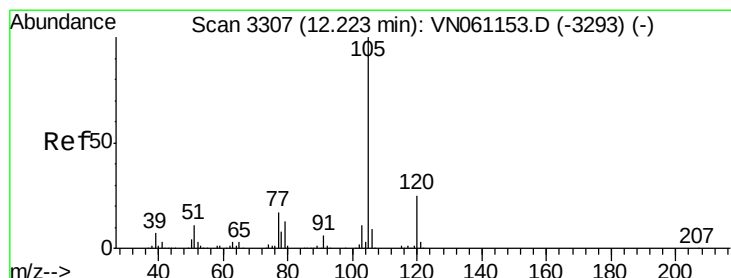
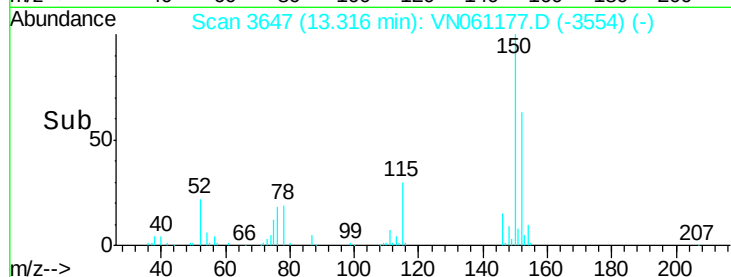
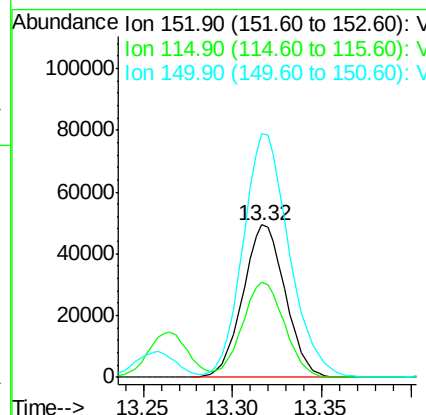
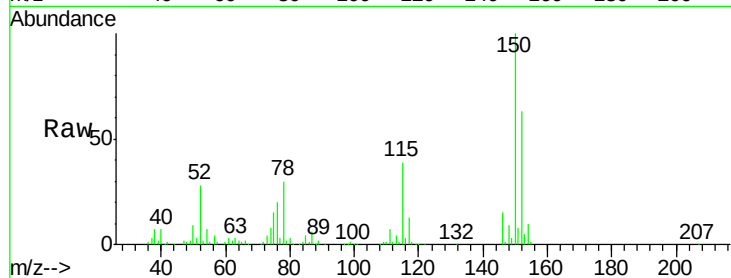




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3647
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

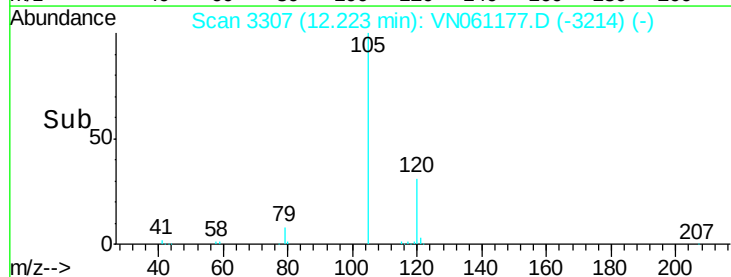
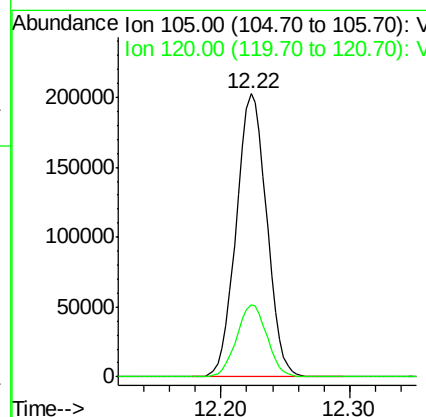
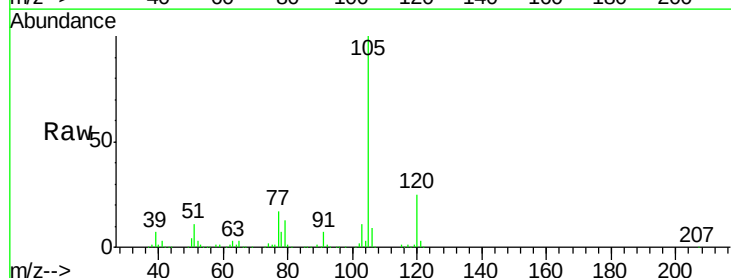
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

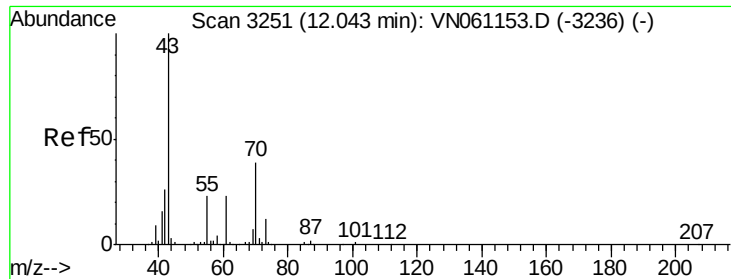
Tot Ion:152 Resp: 81748
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.0 93.0
 150 174.6 0.0 351.8



#73
 Isopropylbenzene
 Concen: 55.123 ug/l
 RT: 12.22 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion:105 Resp: 331269
 Ion Ratio Lower Upper
 105 100
 120 25.4 12.6 37.8

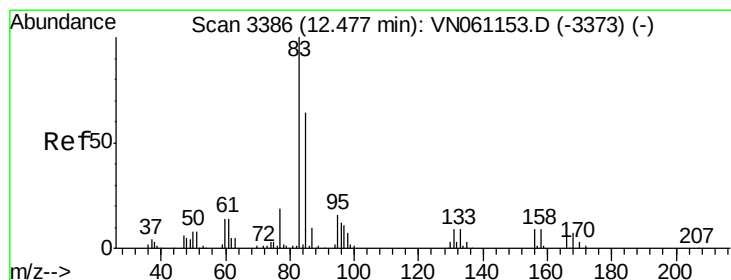
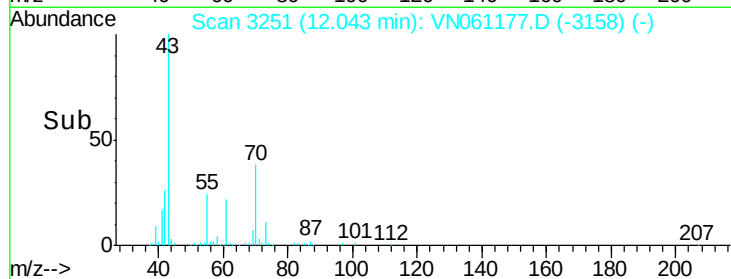
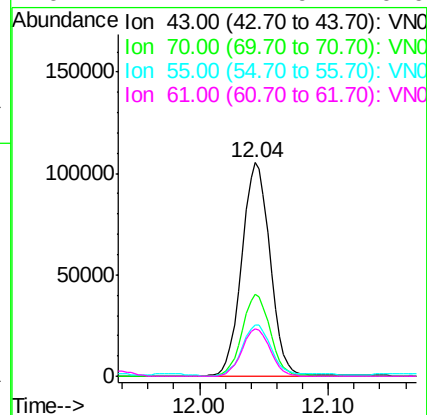
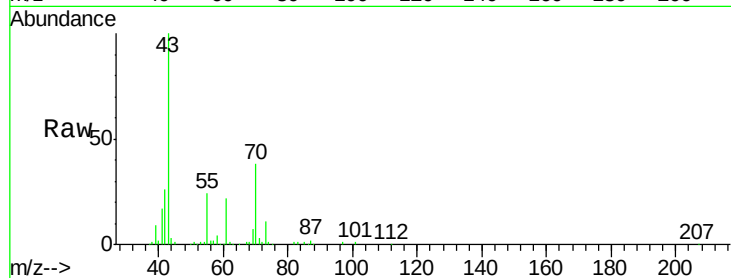




#74
N-amyl acetate
Concen: 52.635 ug/l
RT: 12.04 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

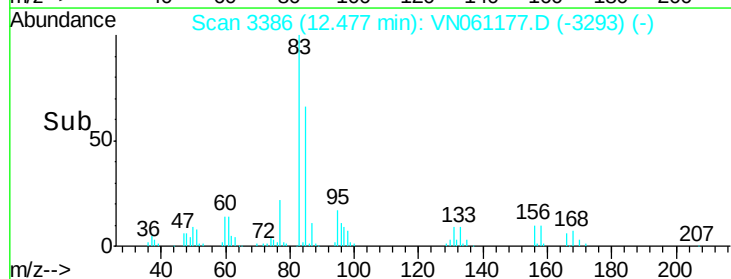
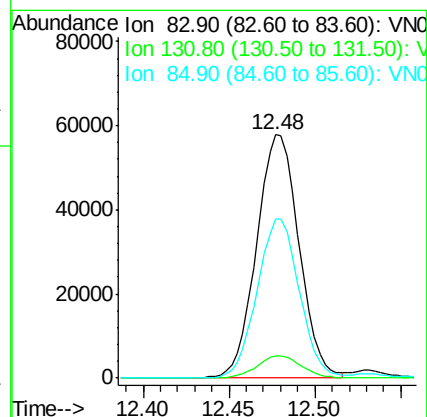
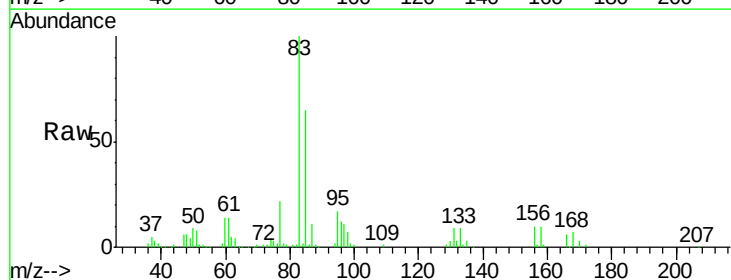
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MSD

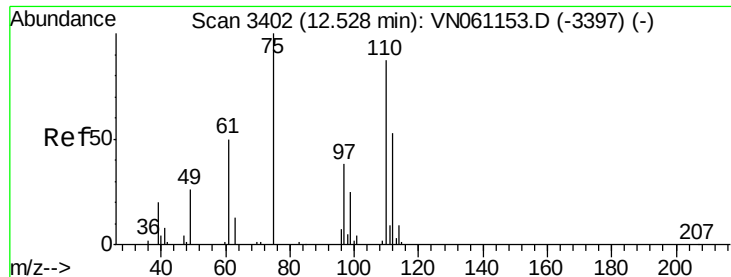
Tot Ion:	43	Resp:	160178
Ion	Ratio	Lower	Upper
43	100		
70	38.1	30.6	46.0
55	24.5	18.5	27.7
61	22.2	17.9	26.9



#75
1,1,2,2-Tetrachloroethane
Concen: 52.901 ug/l
RT: 12.48 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VN061177.D
Acq: 28 Apr 2020 20:41

Tgt Ion:	83	Resp:	99131
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.3
85	65.0	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 55.319 ug/l m

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

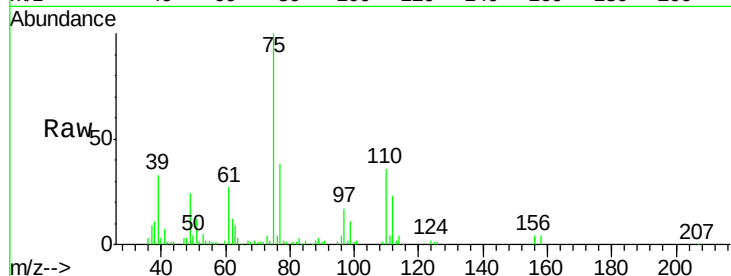
ST006RW149-200422MSD

Tot Ion: 75 Resp: 95341

Ion Ratio Lower Upper

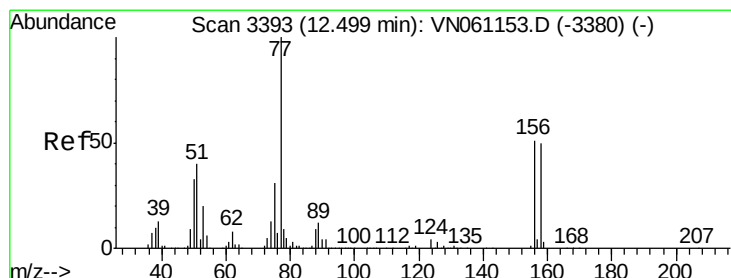
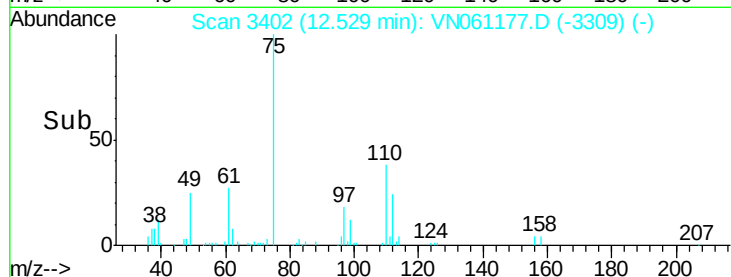
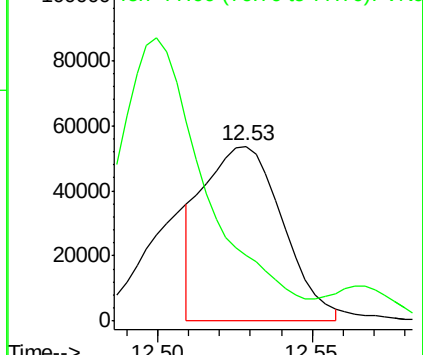
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061177.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061177.D (-3309) (-)



#77

Bromobenzene

Concen: 54.208 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

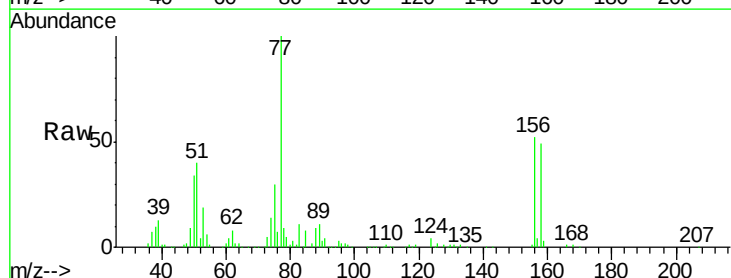
Tgt Ion: 156 Resp: 75202

Ion Ratio Lower Upper

156 100

77 235.9 117.4 352.2

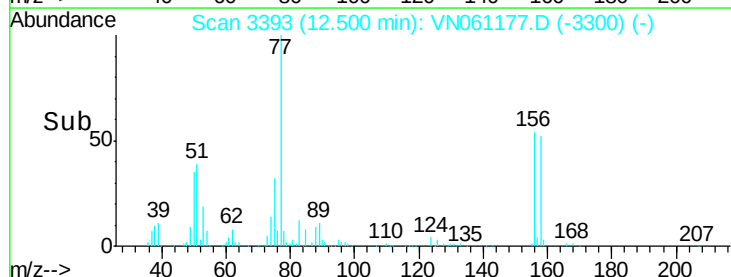
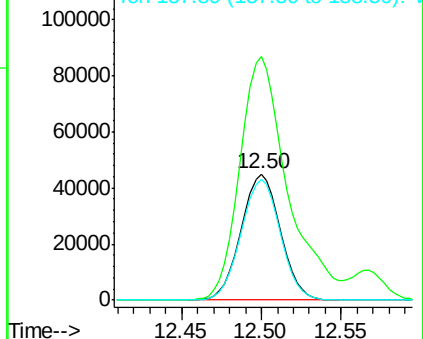
158 96.0 48.4 145.0

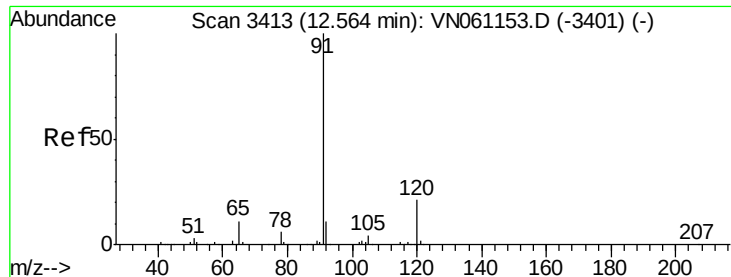


Abundance Ion 155.80 (155.50 to 156.50): VN061177.D (-3300) (-)

Ion 77.00 (76.70 to 77.70): VN061177.D (-3300) (-)

Ion 157.80 (157.50 to 158.50): VN061177.D (-3300) (-)





#78

n-propylbenzene

Concen: 55.509 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

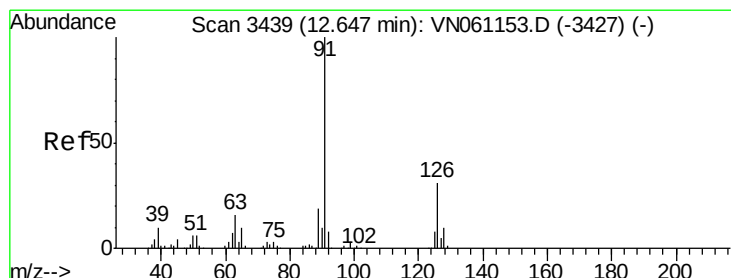
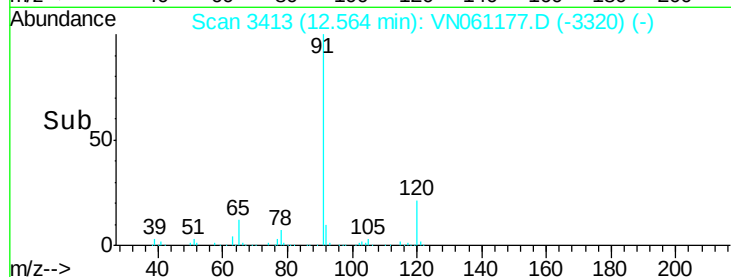
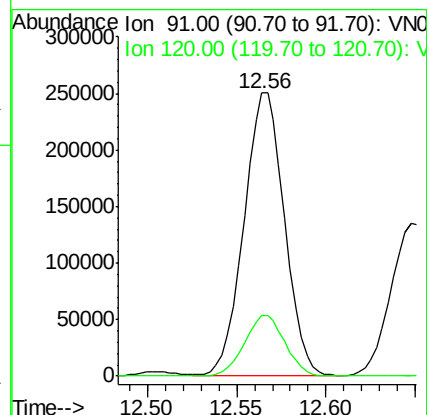
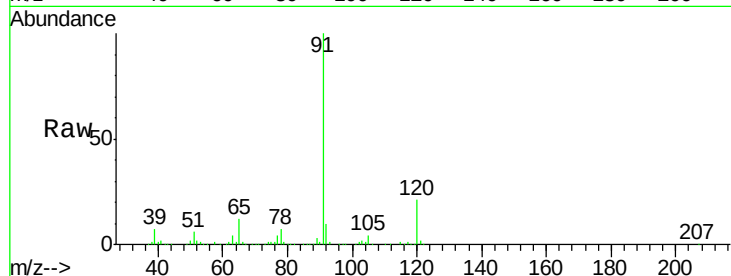
ST006RW149-200422MSD

Tot Ion: 91 Resp: 395679

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.3



#79

2-Chlorotoluene

Concen: 54.484 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061177.D

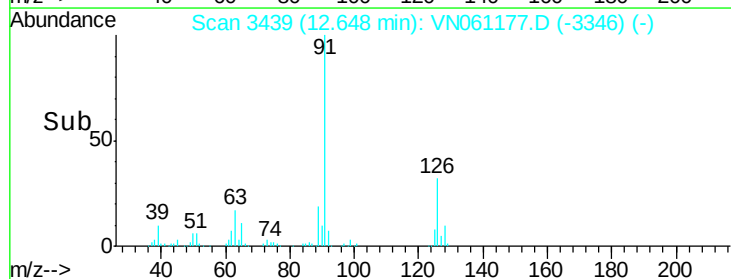
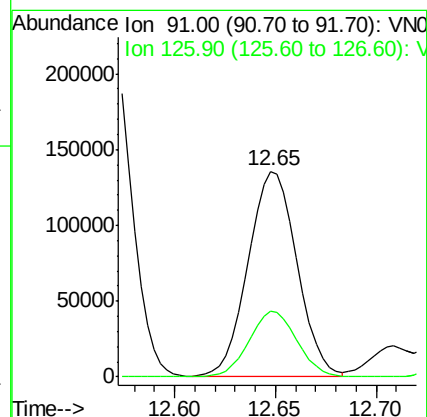
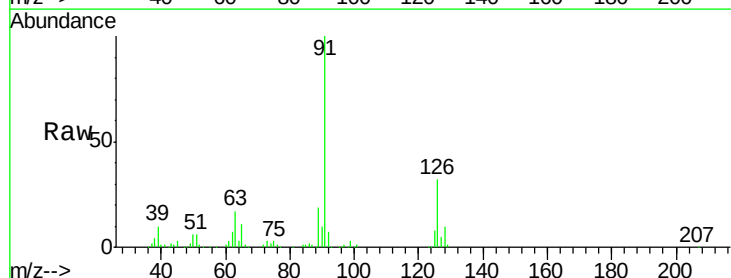
Acq: 28 Apr 2020 20:41

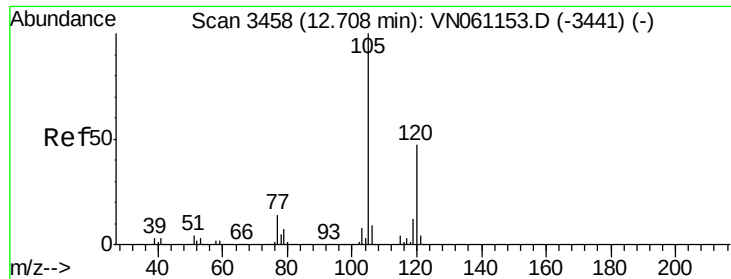
Tgt Ion: 91 Resp: 228274

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.7

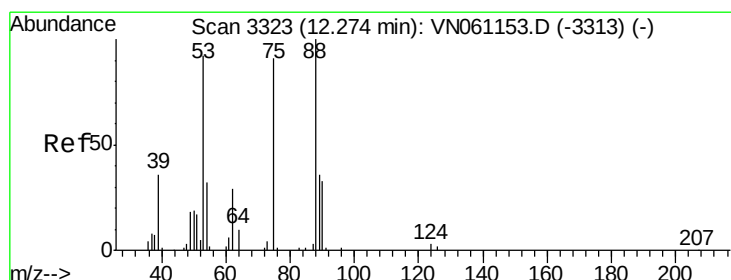
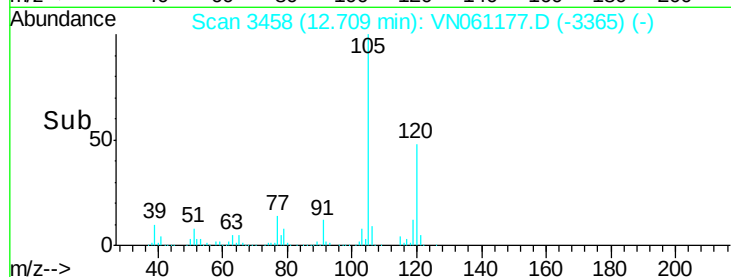
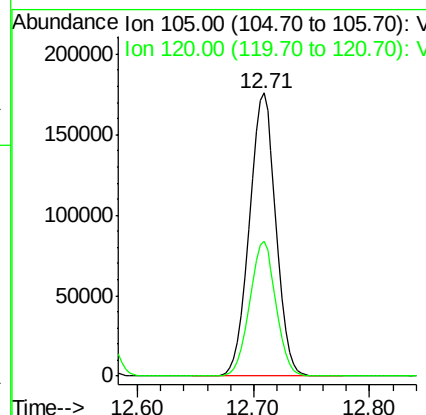
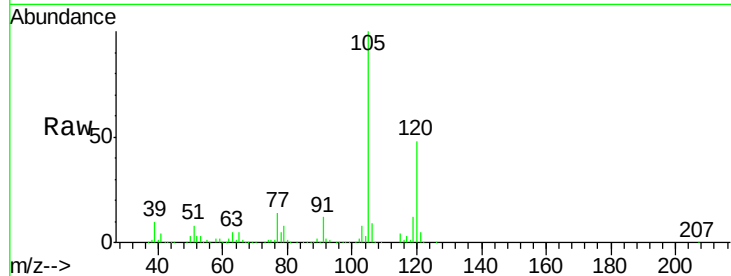




#80
 1,3,5-Trimethylbenzene
 Concen: 56.199 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

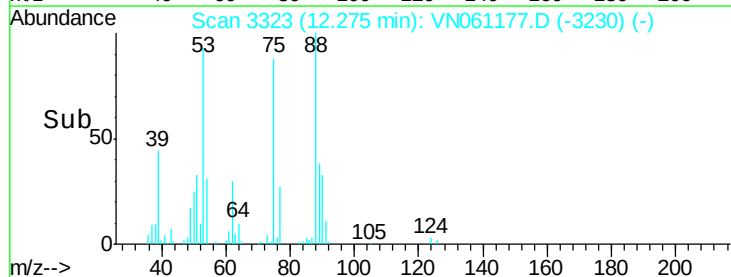
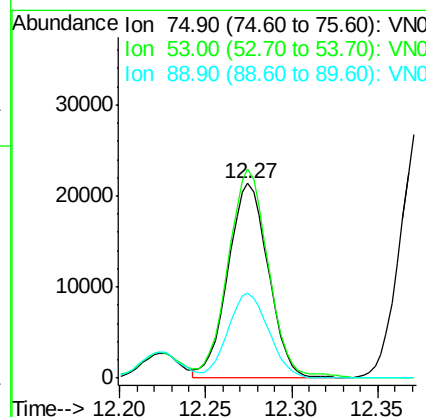
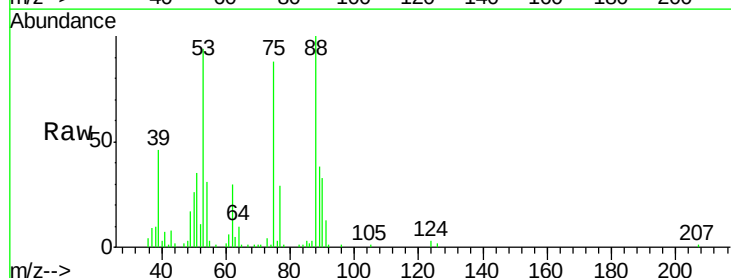
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

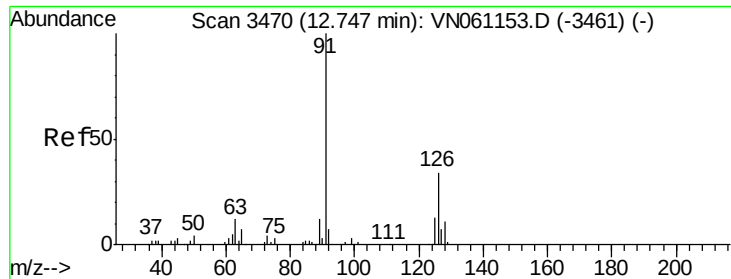
Tot Ion:105 Resp: 279533
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.468 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion: 75 Resp: 34930
 Ion Ratio Lower Upper
 75 100
 53 107.2 84.1 126.1
 89 44.1 35.2 52.8





#82

4-Chlorotoluene

Concen: 54.839 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

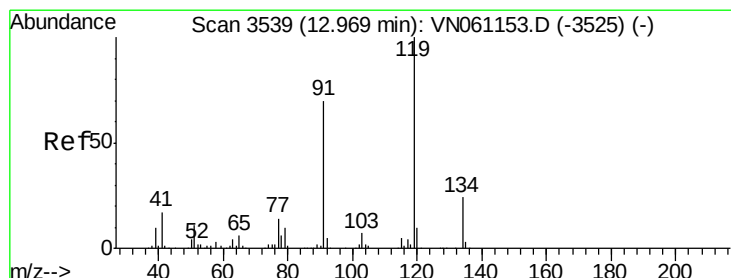
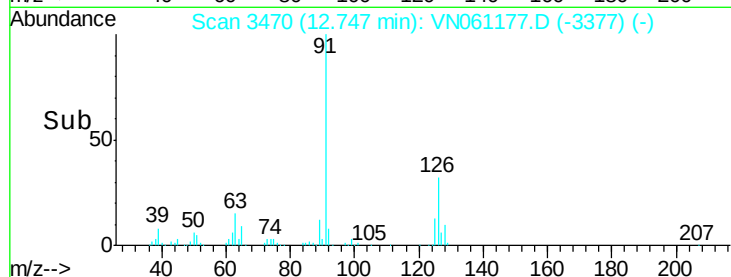
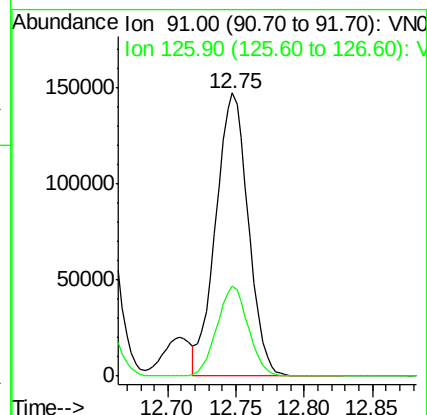
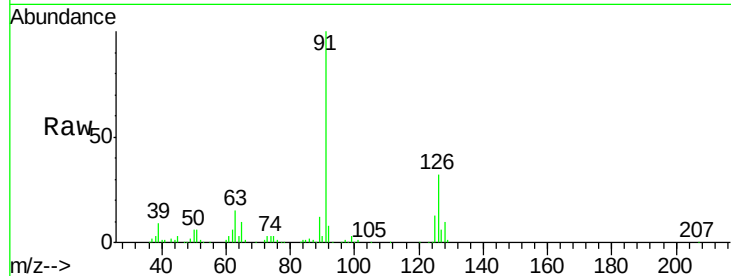
ST006RW149-200422MSD

Tot Ion: 91 Resp: 242160

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1



#83

tert-Butylbenzene

Concen: 57.192 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

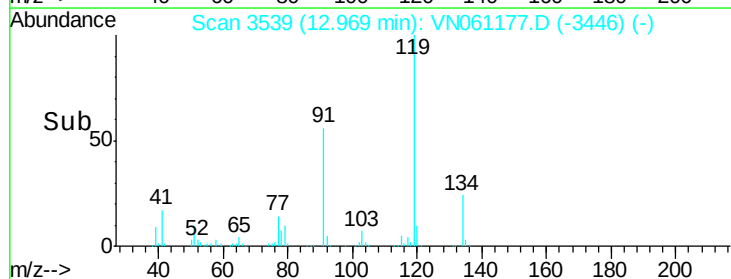
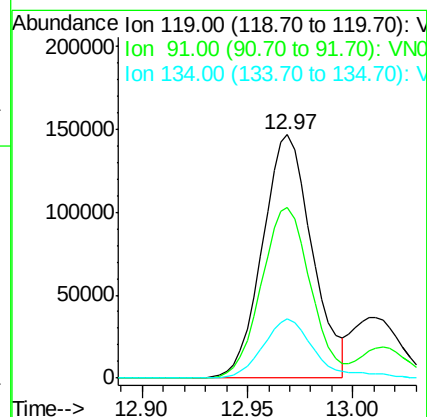
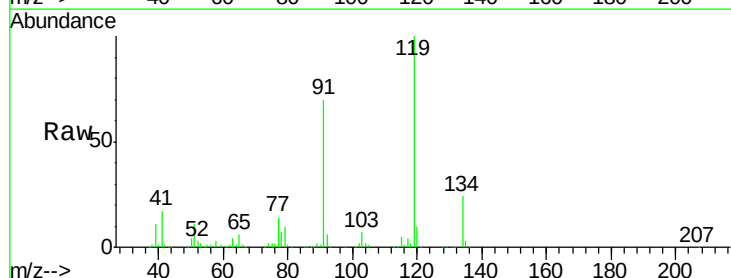
Tgt Ion: 119 Resp: 239867

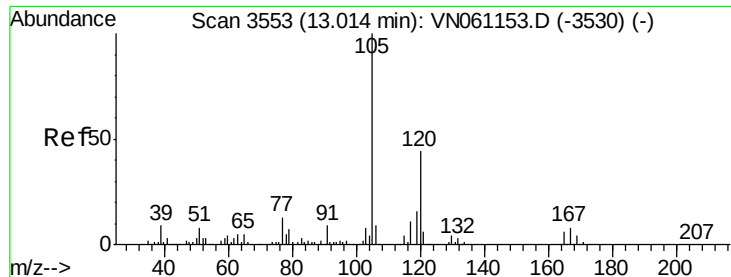
Ion Ratio Lower Upper

119 100

91 69.9 34.8 104.4

134 25.4 12.9 38.7

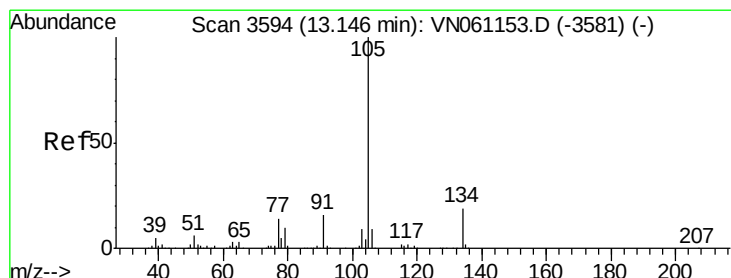
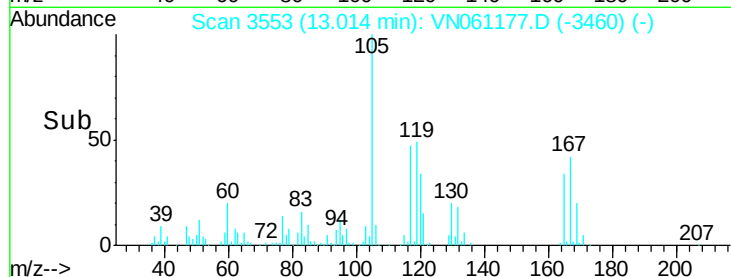
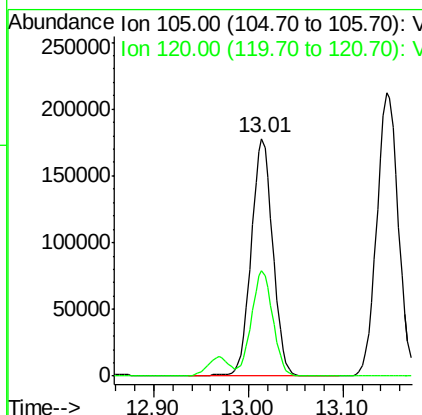
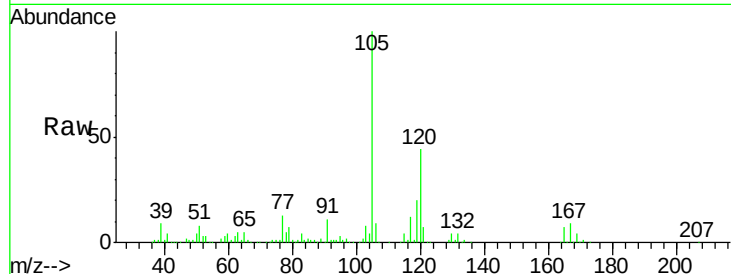




#84
 1,2,4-Trimethylbenzene
 Concen: 55.080 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

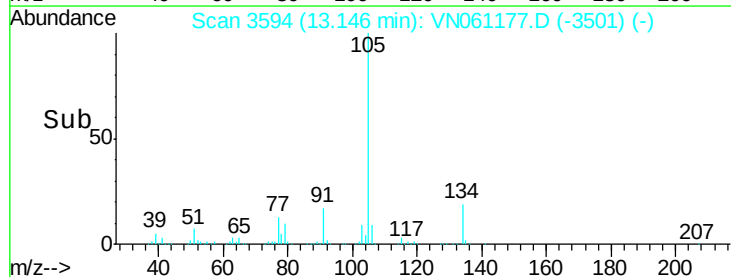
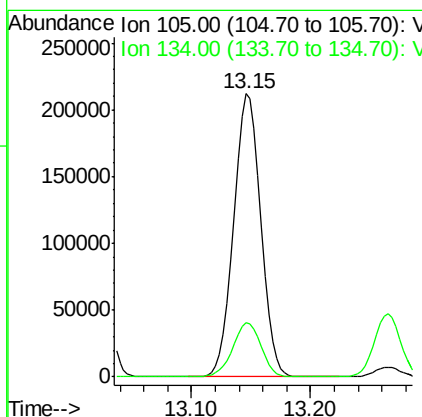
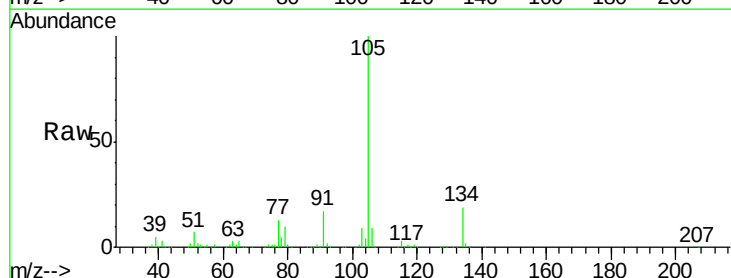
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

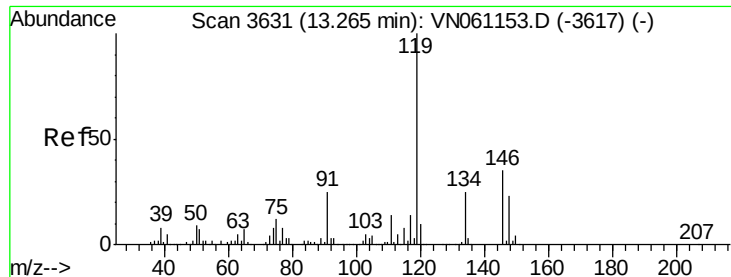
Tot Ion:105 Resp: 282262
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 58.437 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion:105 Resp: 334148
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.6 28.8

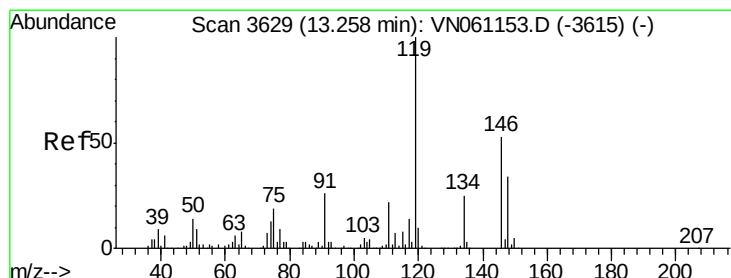
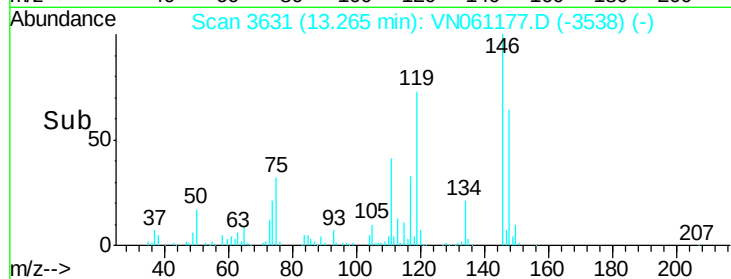
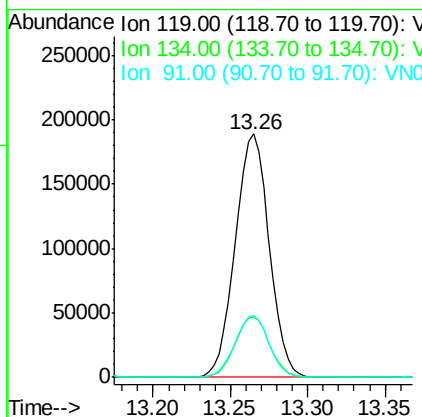
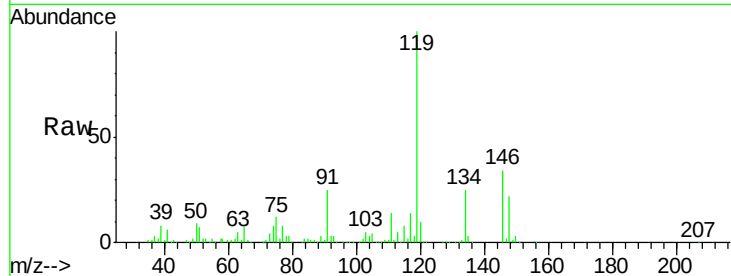




#86
 p-Isopropyltoluene
 Concen: 55.592 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

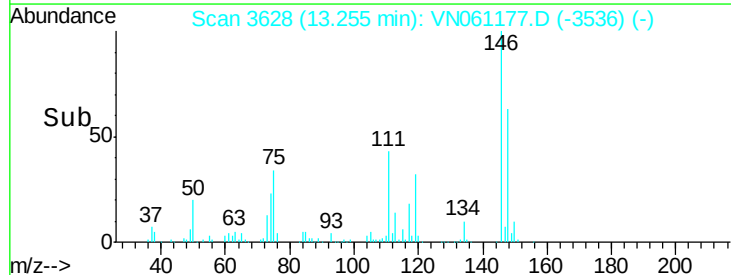
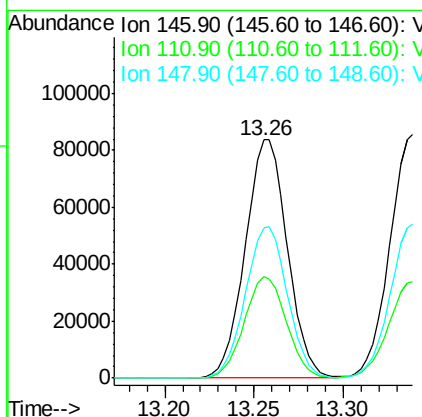
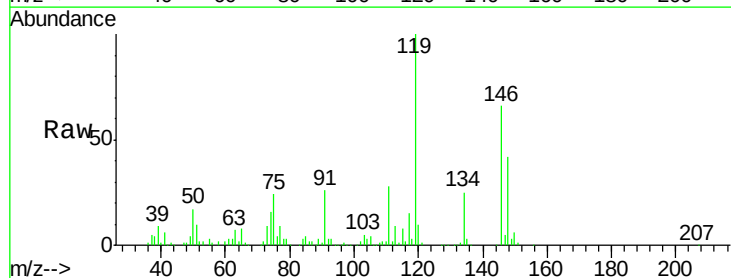
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

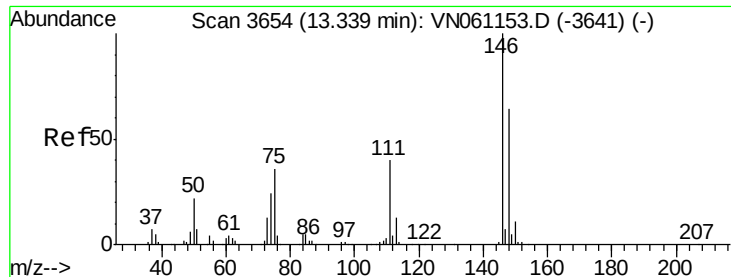
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.6
91	25.6	12.7	38.0



#87
 1,3-Dichlorobenzene
 Concen: 54.094 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.7	62.1
148	63.3	31.8	95.3

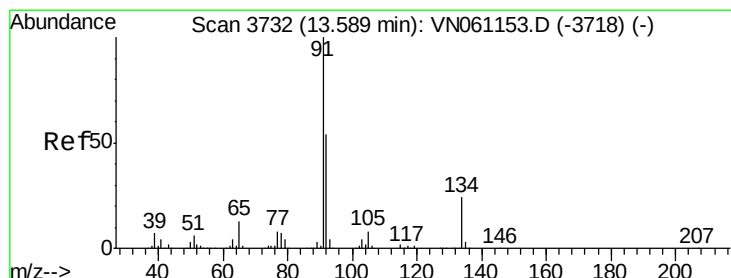
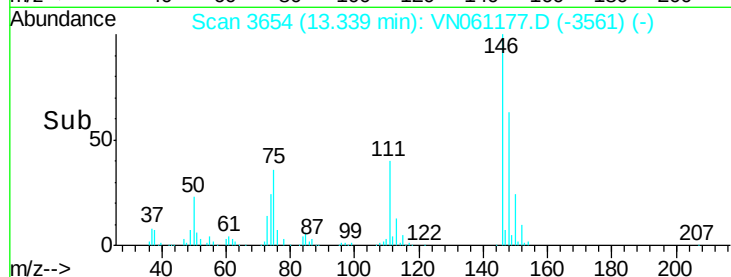
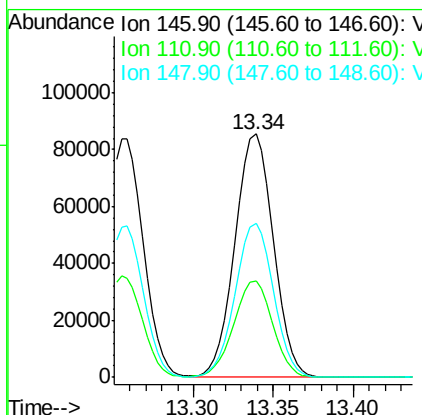
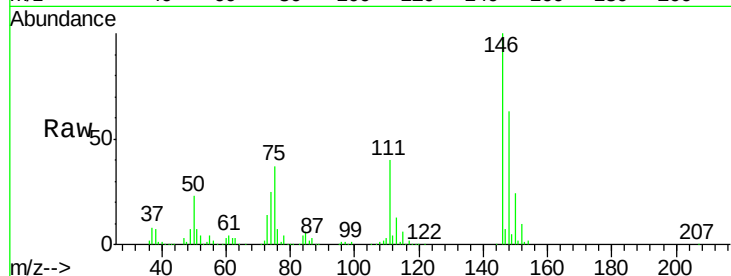




#88
 1,4-Dichlorobenzene
 Concen: 53.635 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

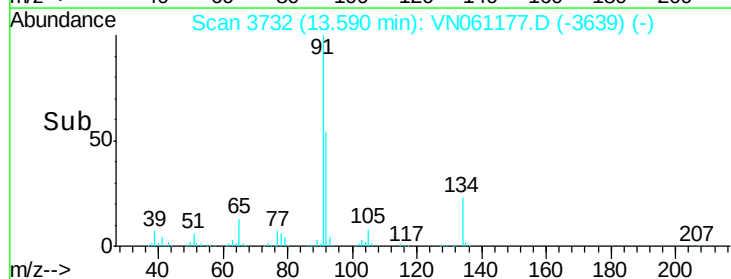
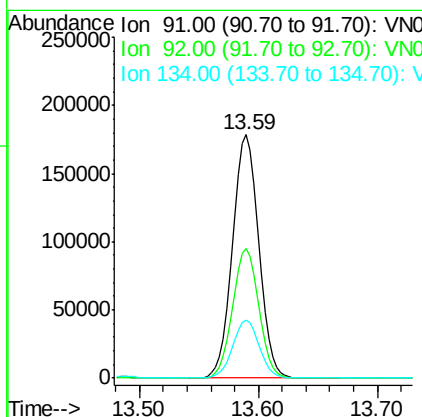
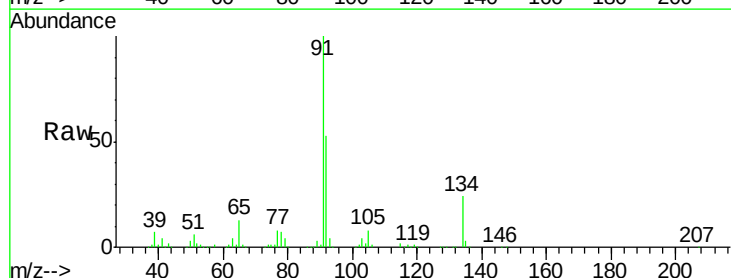
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MSD

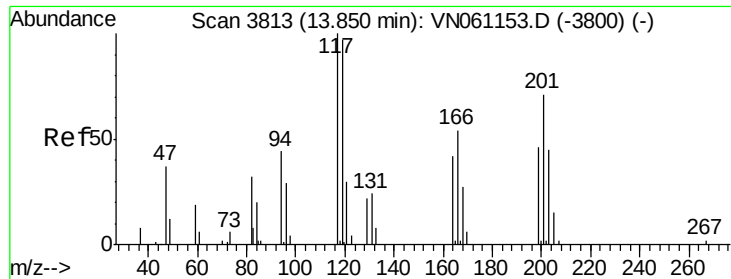
Tot Ion:	146	Resp:	139956
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	63.0	31.9	95.7



#89
 n-Butylbenzene
 Concen: 57.835 ug/l
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061177.D
 Acq: 28 Apr 2020 20:41

Tgt Ion:	91	Resp:	273157
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.3
134	24.0	11.9	35.5





#90

Hexachloroethane

Concen: 57.156 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

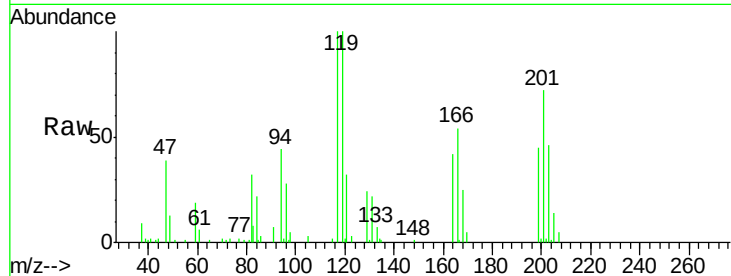
ST006RW149-200422MSD

Tot Ion:117 Resp: 31406

Ion Ratio Lower Upper

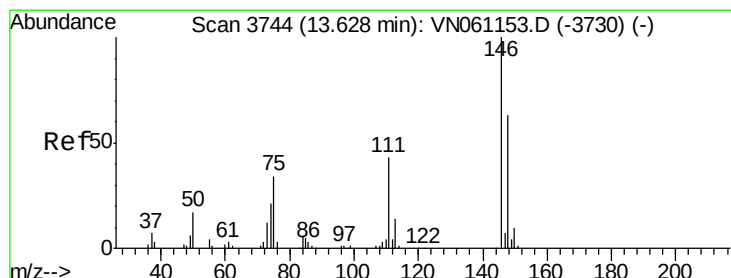
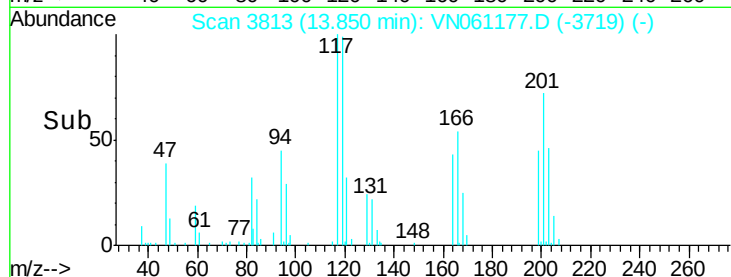
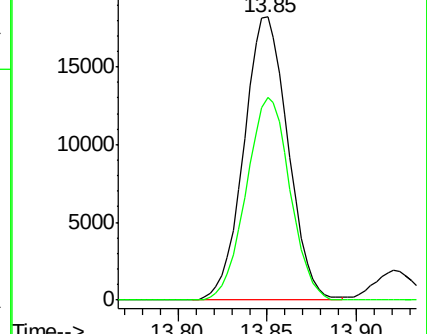
117 100

201 70.8 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 54.379 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

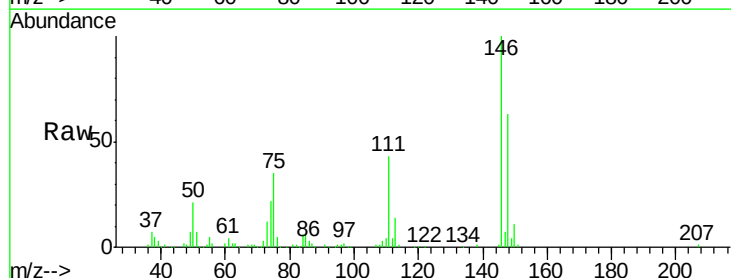
Tgt Ion:146 Resp: 133162

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

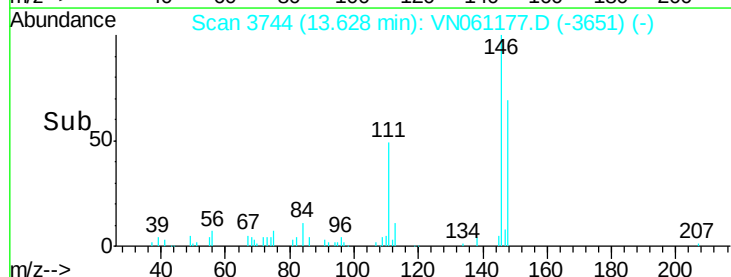
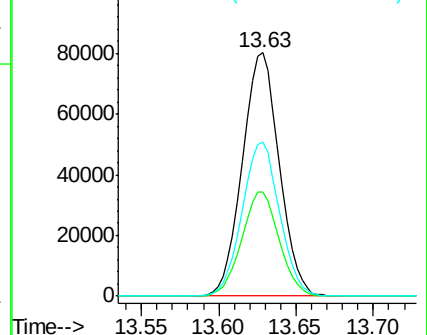
148 64.0 31.6 95.0

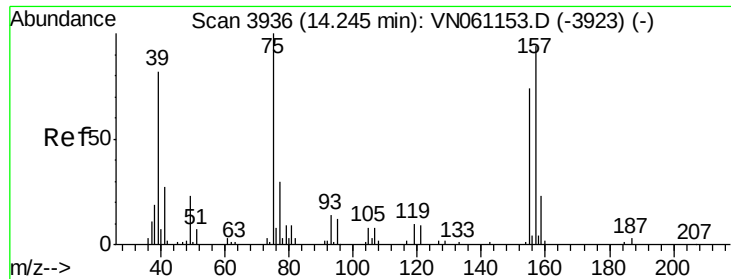


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.779 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

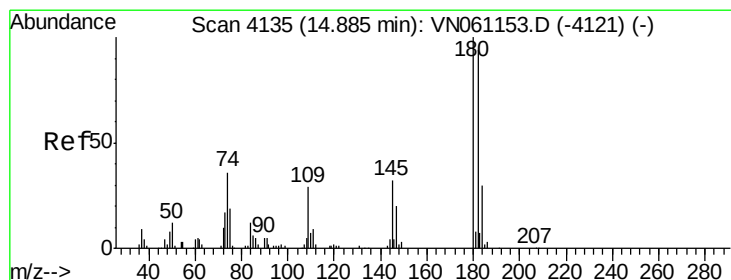
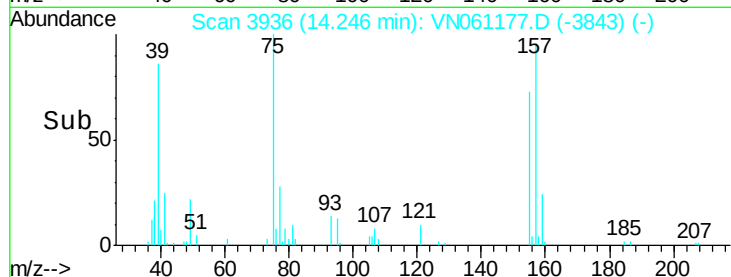
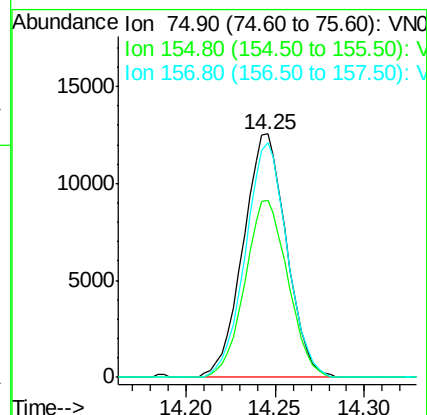
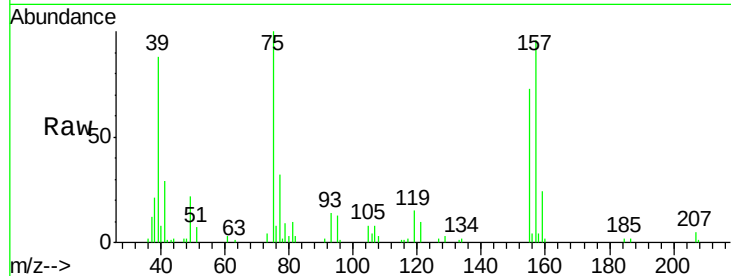
Tot Ion: 75 Resp: 21284

Ion Ratio Lower Upper

75 100

155 71.9 36.5 109.7

157 93.0 46.6 139.7



#93

1,2,4-Trichlorobenzene

Concen: 55.802 ug/l

RT: 14.88 min Scan# 4134

Delta R.T. -0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

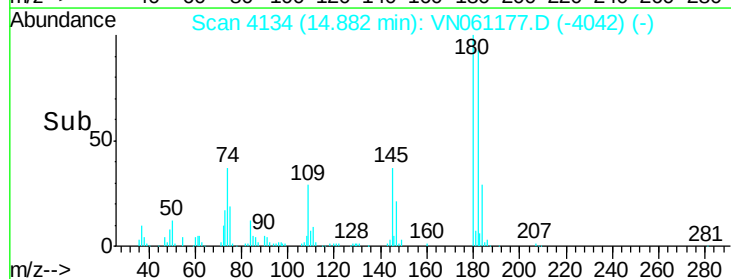
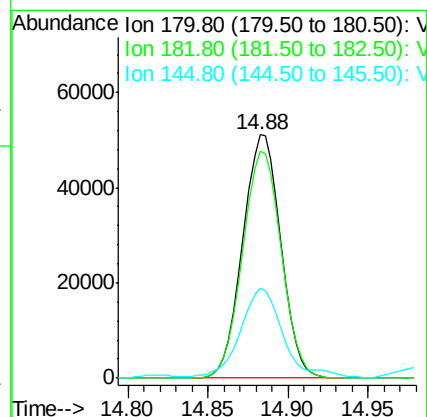
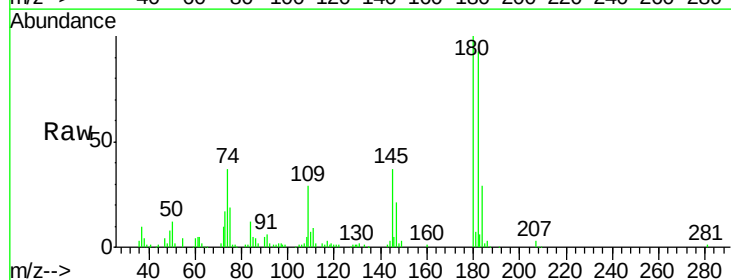
Tgt Ion: 180 Resp: 83211

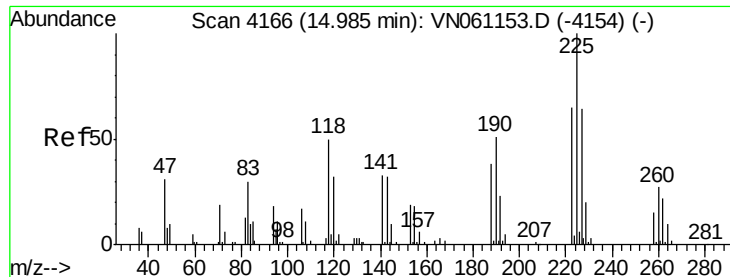
Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 41.8 16.0 47.9





#94

Hexachlorobutadiene

Concen: 55.560 ug/l

RT: 14.99 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

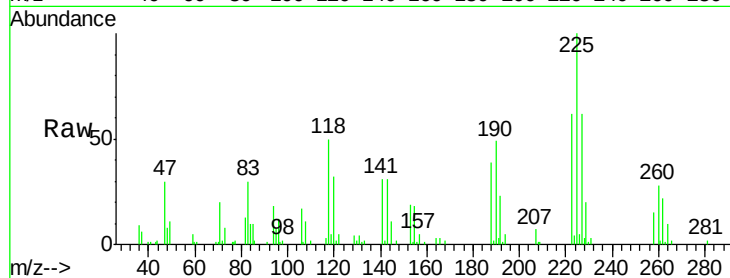
Tot Ion:225 Resp: 34612

Ion Ratio Lower Upper

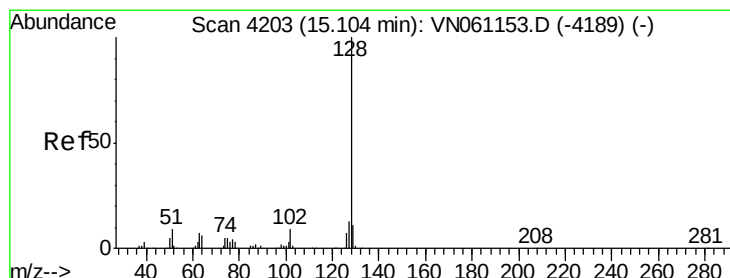
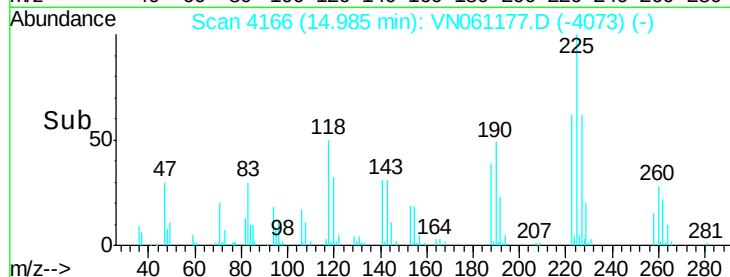
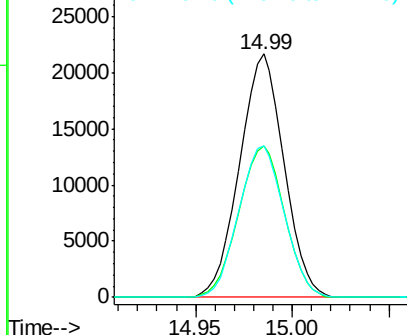
225 100

223 64.1 32.4 97.0

227 63.8 32.4 97.0



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



#95

Naphthalene

Concen: 54.222 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

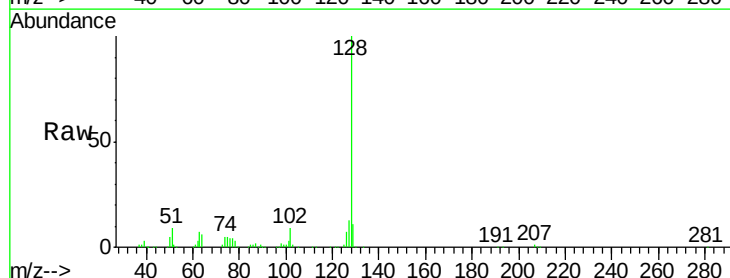
Tgt Ion:128 Resp: 263322

Ion Ratio Lower Upper

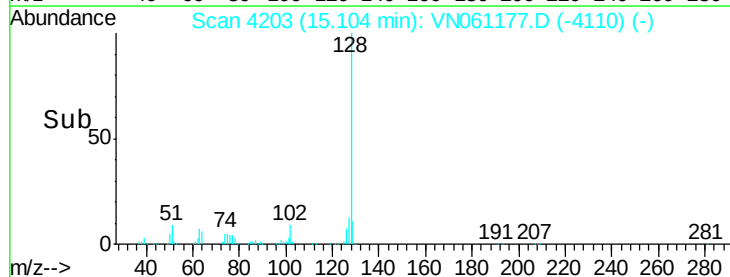
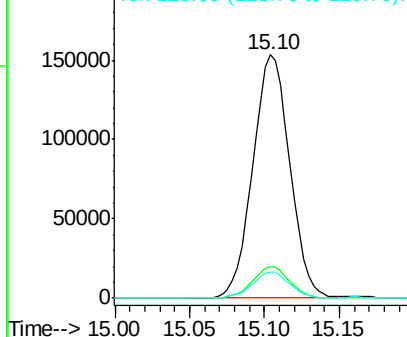
128 100

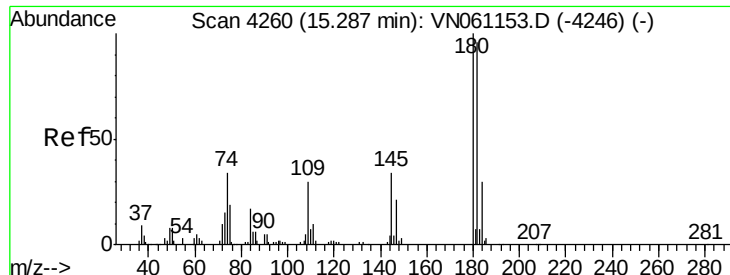
127 13.1 10.4 15.6

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 54.637 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061177.D

Acq: 28 Apr 2020 20:41

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MSD

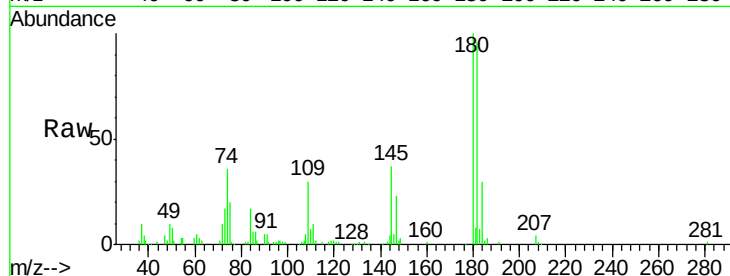
Tot Ion:180 Resp: 80440

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 41.1 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

