

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059351.D
 Acq On : 22 Nov 2019 9:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 22 11:22:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	366370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	516241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	202403	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	7.57	113	164141	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.08	98	663019	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	240913	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	225473	48.072	ug/l	100
3) Chloromethane	2.04	50	269978	46.985	ug/l	99
4) Vinyl Chloride	2.17	62	285926	48.332	ug/l	100
5) Bromomethane	2.54	94	152721	46.499	ug/l	98
6) Chloroethane	2.68	64	147102	45.561	ug/l	98
7) Trichlorofluoromethane	3.00	101	287529	45.134	ug/l	98
8) Diethyl Ether	3.38	74	125915	48.347	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	186634	47.911	ug/l	100
10) Methyl Iodide	3.93	142	253737	52.410	ug/l	98
11) Tert butyl alcohol	4.74	59	203006	230.660	ug/l	100
12) 1,1-Dichloroethene	3.71	96	184828	46.743	ug/l	98
13) Acrolein	3.58	56	174185	216.809	ug/l	98
14) Allyl chloride	4.29	41	319424	43.242	ug/l	94
15) Acrylonitrile	4.95	53	546429	234.820	ug/l	100
16) Acetone	3.79	43	542337	275.157	ug/l	98
17) Carbon Disulfide	4.03	76	584280	47.156	ug/l	100
18) Methyl Acetate	4.29	43	307357	46.988	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	623841	48.847	ug/l	100
20) Methylene Chloride	4.52	84	210977	47.460	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	201405	48.060	ug/l	98
22) Diisopropyl ether	5.92	45	675349	48.558	ug/l	98
23) Vinyl Acetate	5.86	43	2678834	244.935	ug/l	99
24) 1,1-Dichloroethane	5.82	63	380515	48.607	ug/l	99
25) 2-Butanone	6.80	43	751881	245.319	ug/l	97
26) 2,2-Dichloropropane	6.80	77	320784	47.323	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	223027	47.170	ug/l	100
28) Bromochloromethane	7.17	49	161078	50.489	ug/l	98
29) Tetrahydrofuran	7.18	42	484918	228.813	ug/l	99
30) Chloroform	7.35	83	360234	47.414	ug/l	97
31) Cyclohexane	7.63	56	355793	45.967	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	312564	47.887	ug/l	99
36) 1,1-Dichloropropene	7.77	75	284290	48.205	ug/l	99
37) Ethyl Acetate	6.90	43	294982	46.540	ug/l	98
38) Carbon Tetrachloride	7.75	117	271002	48.000	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	352857	49.617	ug/l	99
40) Benzene	8.02	78	855868	49.446	ug/l	100
41) Methacrylonitrile	7.18	41	419386	149.051	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	277161	48.416	ug/l	100
43) Isopropyl Acetate	8.14	43	464726	47.977	ug/l	99
44) Trichloroethene	8.82	130	216098	49.261	ug/l	97
45) 1,2-Dichloropropane	9.10	63	229250	49.668	ug/l	98
46) Dibromomethane	9.19	93	139271	49.193	ug/l	99
47) Bromodichloromethane	9.39	83	282356	49.799	ug/l	100
48) Methyl methacrylate	9.18	41	211804	48.083	ug/l	97
49) 1,4-Dioxane	9.18	88	71150	1074.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1446399	255.106	ug/l	99
52) Toluene	10.15	92	522343	50.187	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	333010	50.524	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	361833	50.590	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	201392	49.767	ug/l	99
56) Ethyl methacrylate	10.42	69	317877	46.664	ug/l	99
57) 1,3-Dichloropropane	10.70	76	350992	49.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	400721	167.966	ug/l	100
59) 2-Hexanone	10.75	43	1072658	258.367	ug/l	98
60) Dibromochloromethane	10.90	129	217826	51.082	ug/l	100
61) 1,2-Dibromoethane	11.00	107	210327	49.952	ug/l	100
64) Tetrachloroethene	10.62	164	190867	47.804	ug/l	99
65) Chlorobenzene	11.43	112	548350	49.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	199975	49.590	ug/l	99
67) Ethyl Benzene	11.51	91	1002170	50.565	ug/l	100
68) m/p-Xylenes	11.62	106	750846	101.954	ug/l	100
69) o-Xylene	11.95	106	358000	50.777	ug/l	99
70) Styrene	11.96	104	587582	52.817	ug/l	100
71) Bromoform	12.13	173	156277	51.171	ug/l #	99
73) Isopropylbenzene	12.25	105	968059	48.388	ug/l	100
74) N-amyl acetate	12.07	43	383187	47.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	303957	45.929	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	403825	71.574	ug/l #	100
77) Bromobenzene	12.53	156	229785	47.354	ug/l	98
78) n-propylbenzene	12.59	91	1134839	50.077	ug/l	100
79) 2-Chlorotoluene	12.68	91	660359	47.474	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	820347	48.778	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	111297	49.338	ug/l	98
82) 4-Chlorotoluene	12.78	91	682375	47.406	ug/l	99
83) tert-Butylbenzene	12.99	119	687778	48.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	811524	49.260	ug/l	99
85) sec-Butylbenzene	13.17	105	931917	48.815	ug/l	99
86) p-Isopropyltoluene	13.29	119	850183	50.046	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	413888	47.895	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	408908	47.825	ug/l	100
89) n-Butylbenzene	13.62	91	737545	49.492	ug/l	99
90) Hexachloroethane	13.88	117	152919	47.531	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	401405	48.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57159	40.624	ug/l	96

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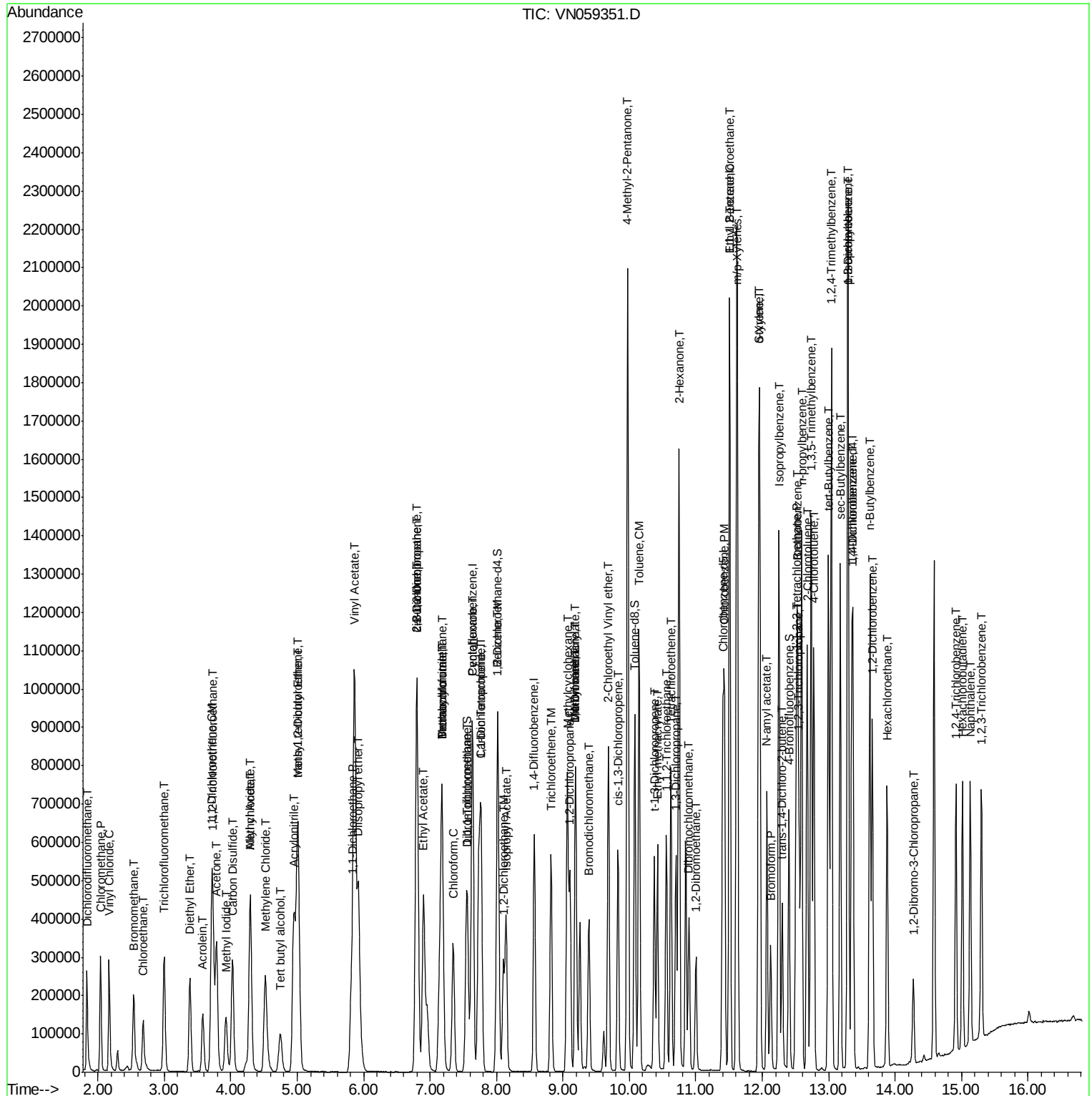
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	226479	43.931	ug/l	99
94) Hexachlorobutadiene	15.01	225	141327	46.917	ug/l	99
95) Naphthalene	15.13	128	573583	40.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	218393	43.063	ug/l	99

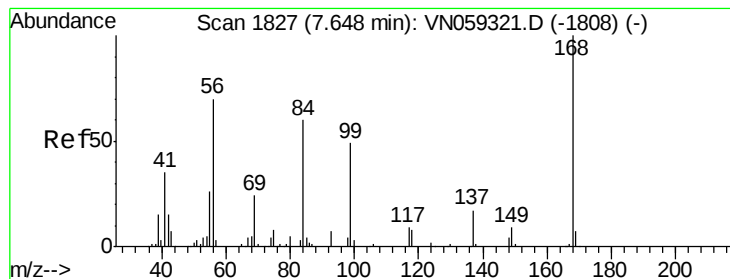
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

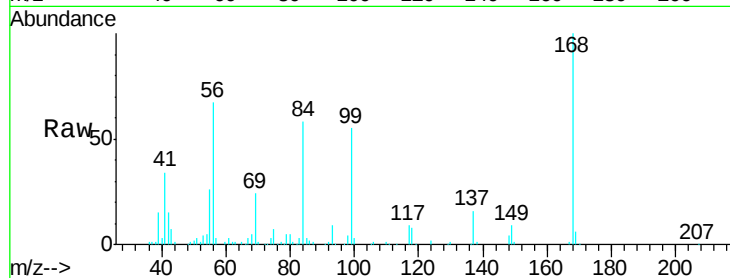
VSTDCCC050

Tgt Ion: 168 Resp: 366370

Ion Ratio Lower Upper

168 100

99 54.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.64

150000

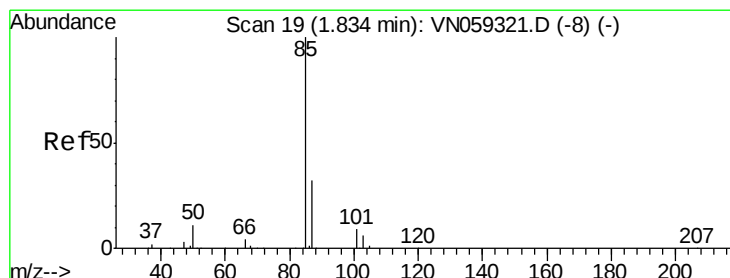
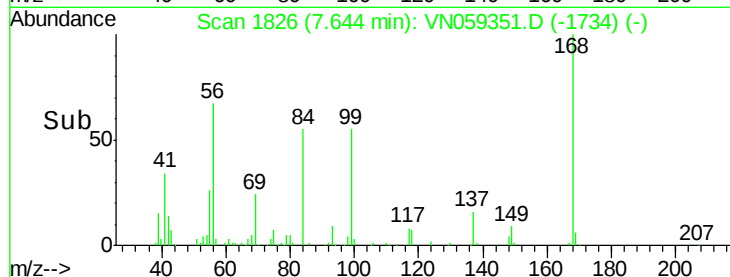
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.072 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059351.D

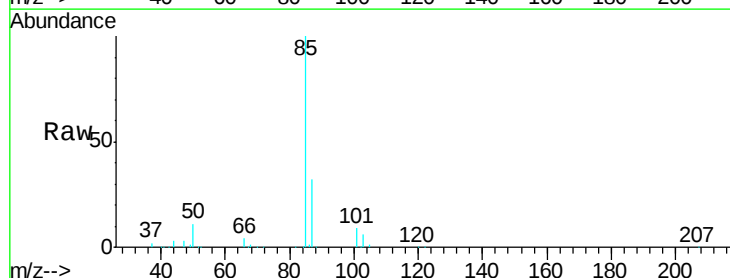
Acq: 22 Nov 2019 9:36

Tgt Ion: 85 Resp: 225473

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN059321.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059321.D (-8) (-)

1.83

150000

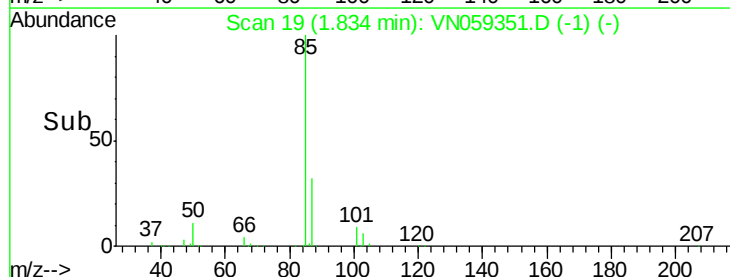
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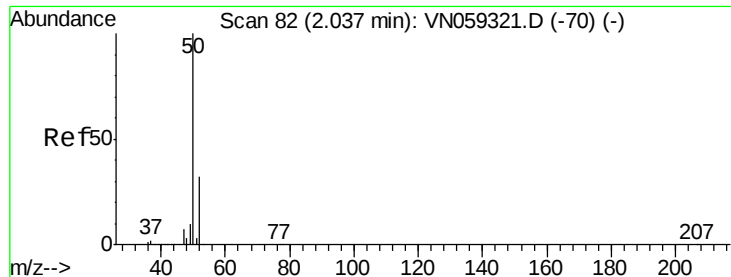
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 46.985 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

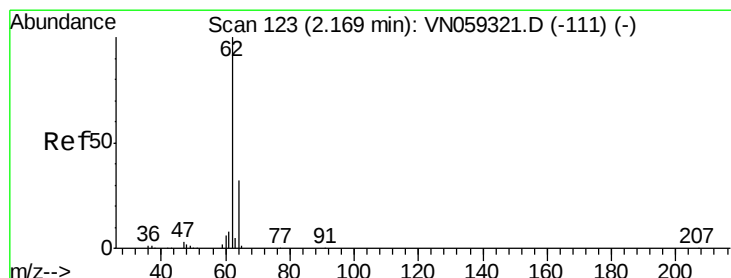
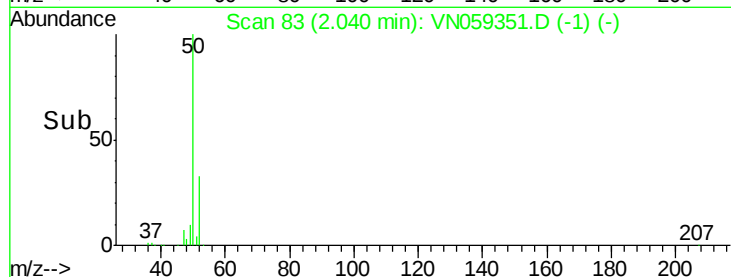
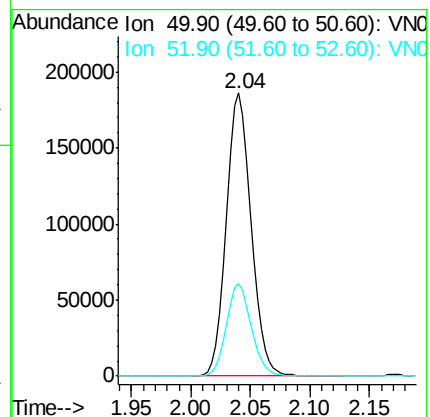
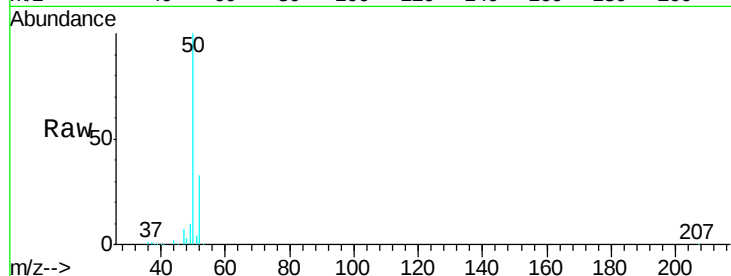
VSTDCCC050

Tgt Ion: 50 Resp: 269978

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 48.332 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059351.D

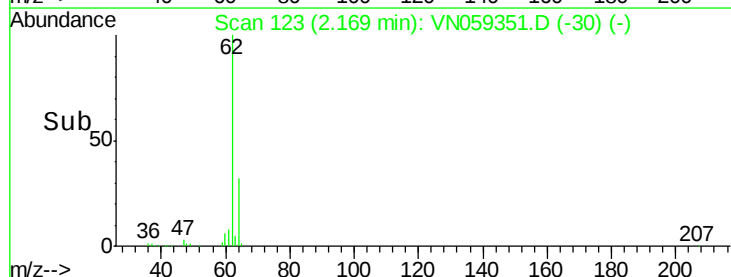
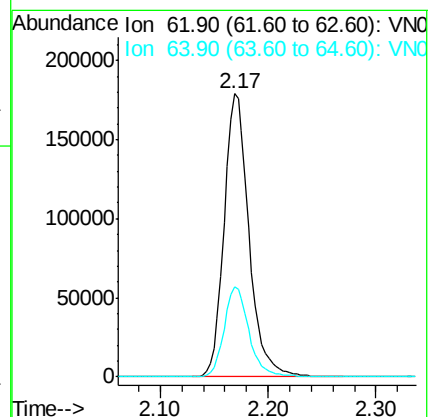
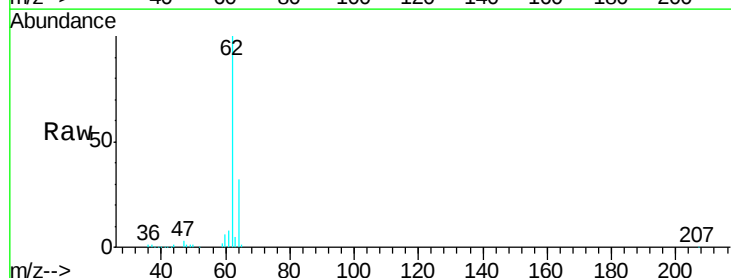
Acq: 22 Nov 2019 9:36

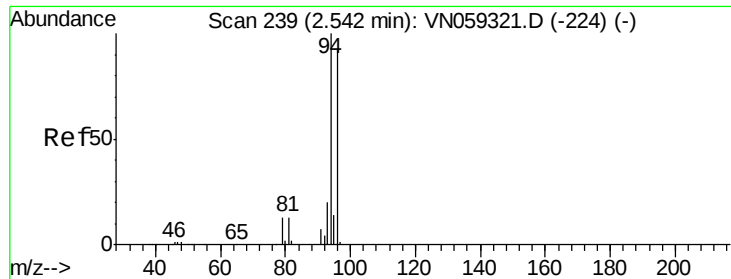
Tgt Ion: 62 Resp: 285926

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 46.499 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

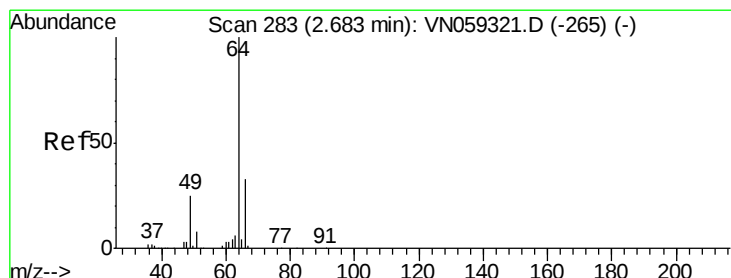
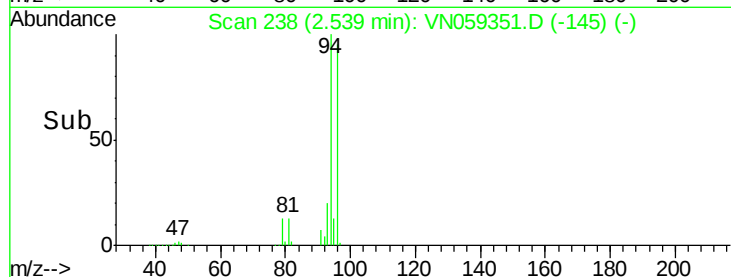
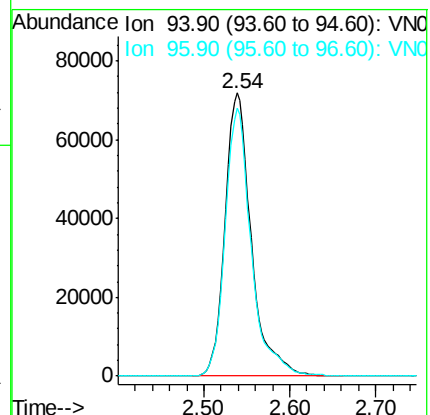
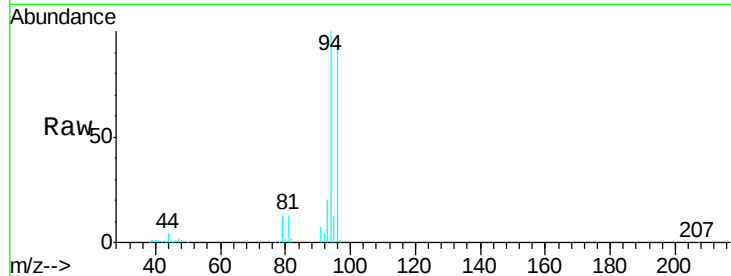
VSTDCCC050

Tgt Ion: 94 Resp: 152721

Ion Ratio Lower Upper

94 100

96 94.5 74.5 111.7



#6

Chloroethane

Concen: 45.561 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059351.D

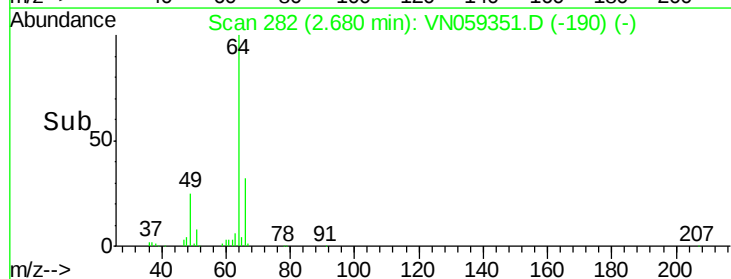
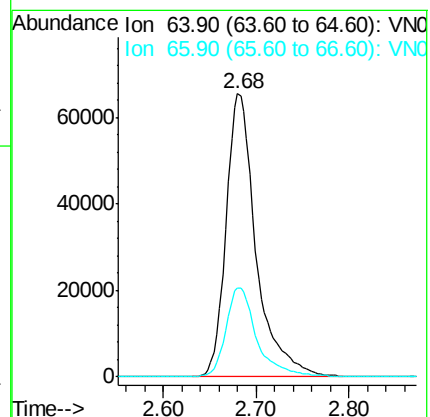
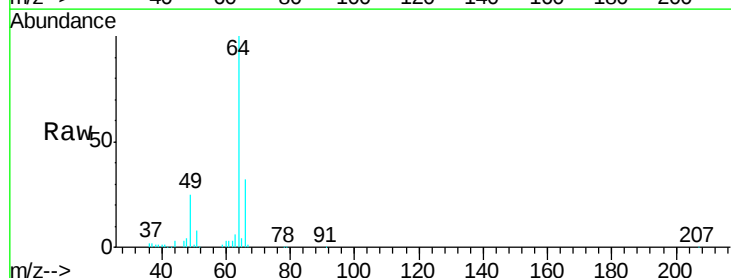
Acq: 22 Nov 2019 9:36

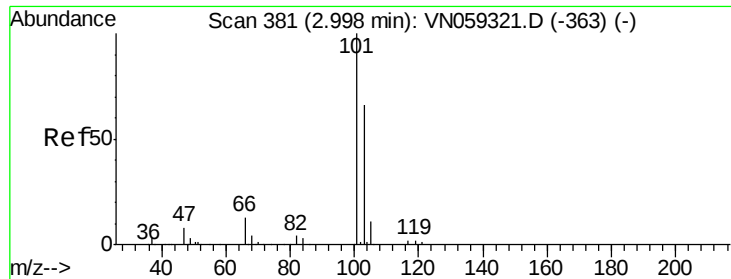
Tgt Ion: 64 Resp: 147102

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.2



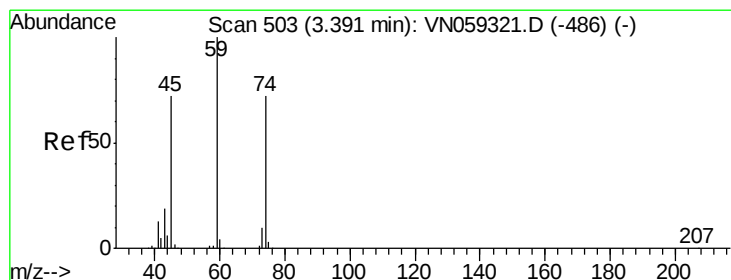
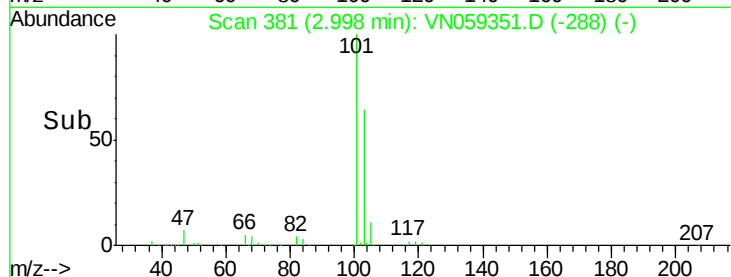
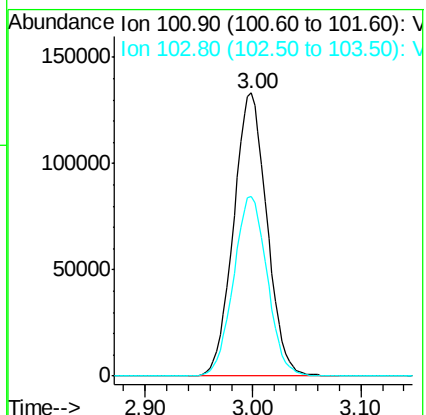
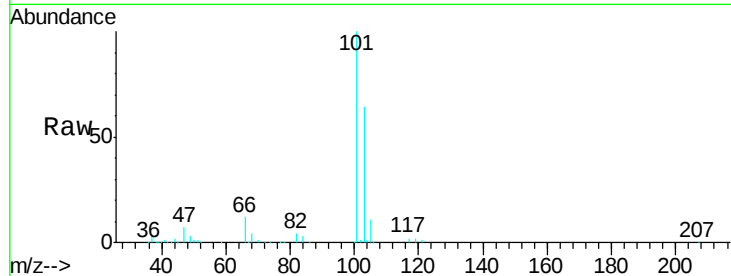


#7

Trichlorofluoromethane
Concen: 45.134 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN059351.D
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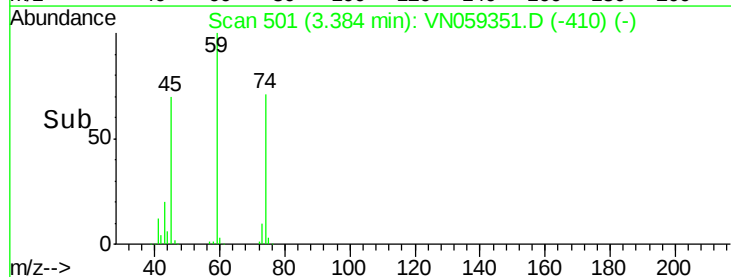
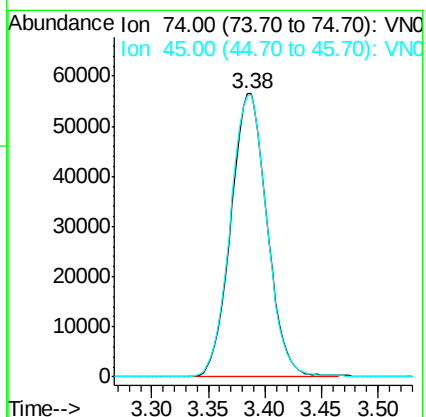
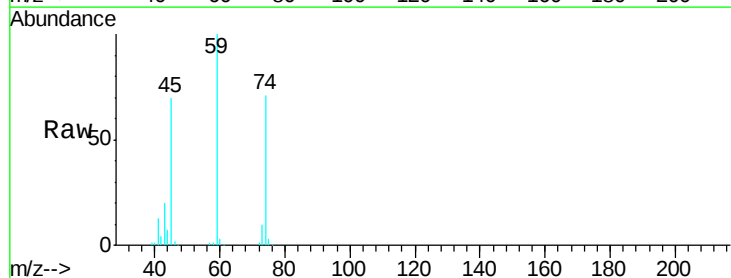
Tgt Ion:101 Resp: 287529
Ion Ratio Lower Upper
101 100
103 63.6 52.5 78.7

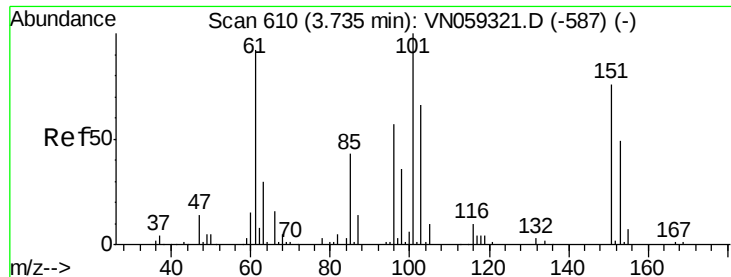


#8

Diethyl Ether
Concen: 48.347 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 74 Resp: 125915
Ion Ratio Lower Upper
74 100
45 101.1 51.7 155.2

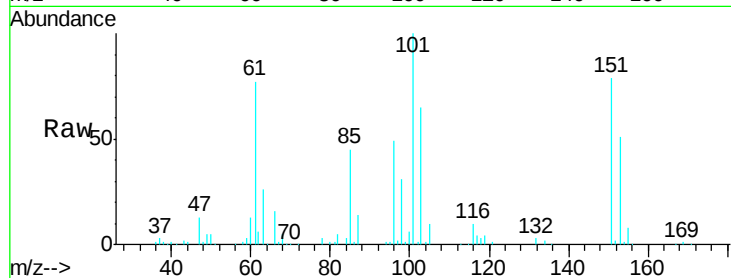




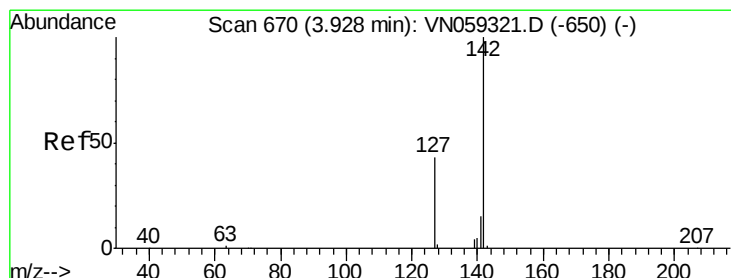
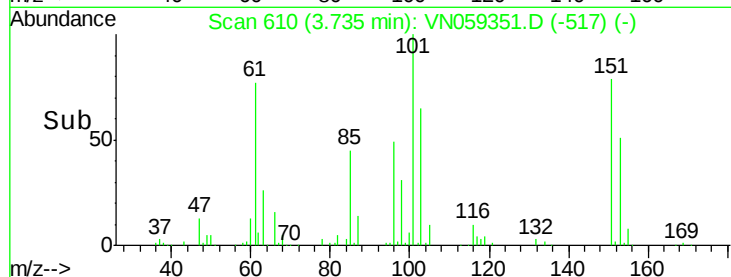
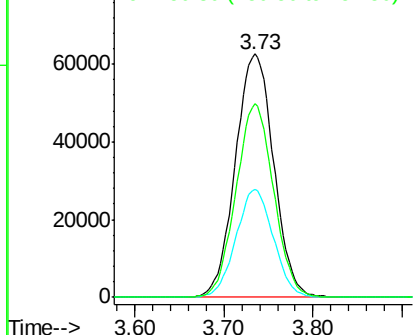
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.911 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 186634
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.8 52.2
 151 78.0 62.2 93.4

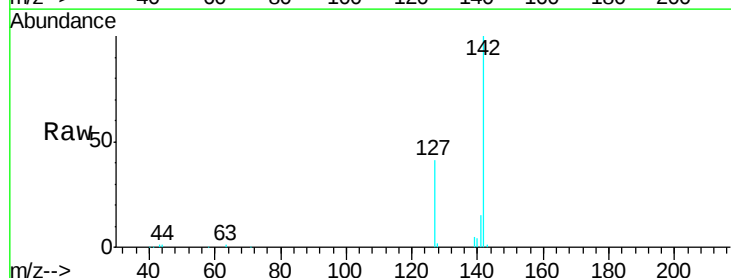


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

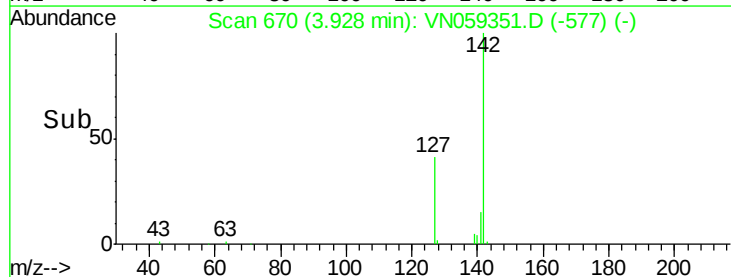
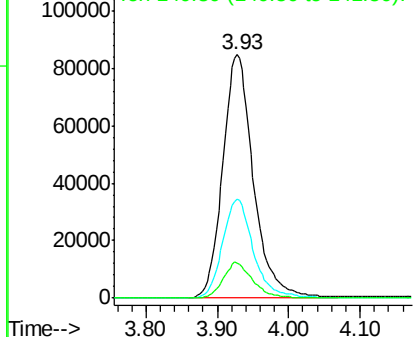


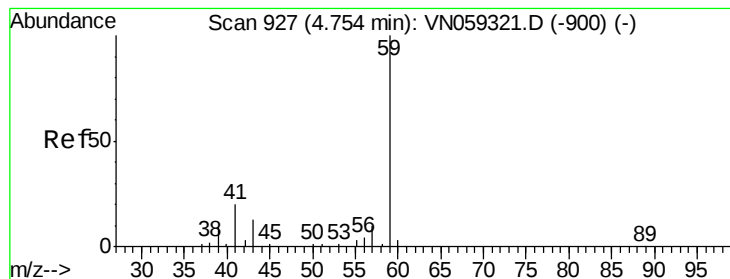
#10
 Methyl Iodide
 Concen: 52.410 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion:142 Resp: 253737
 Ion Ratio Lower Upper
 142 100
 127 40.8 33.8 50.6
 141 14.1 11.2 16.8



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: 230.660 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

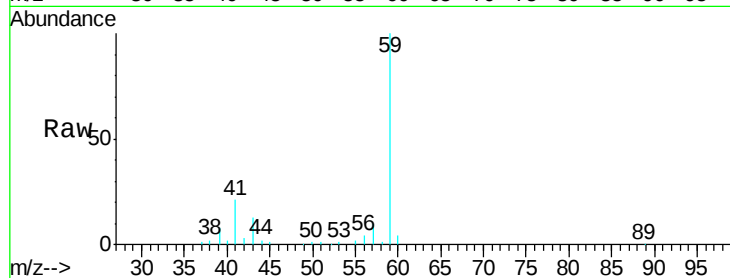
VSTDCCC050

Tgt Ion: 59 Resp: 203006

Ion Ratio Lower Upper

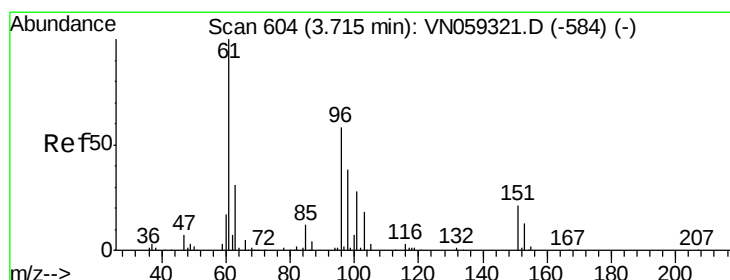
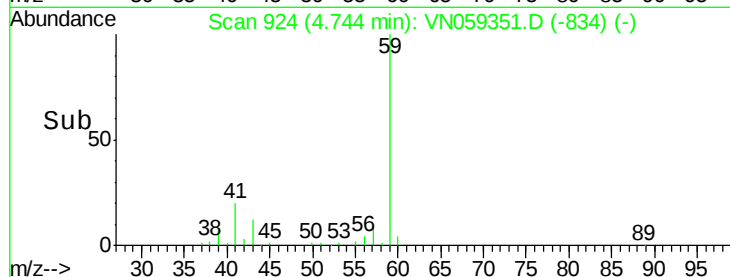
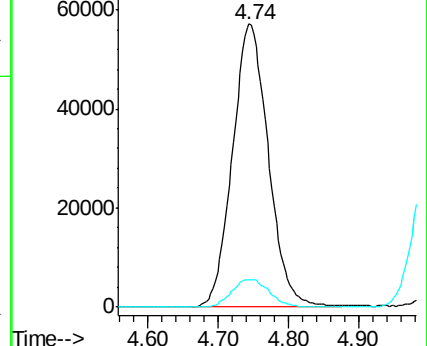
59 100

57 10.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 46.743 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

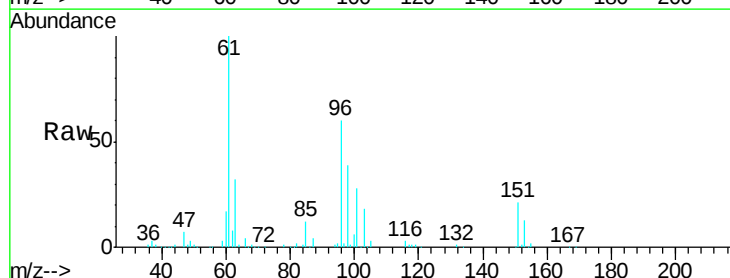
Tgt Ion: 96 Resp: 184828

Ion Ratio Lower Upper

96 100

61 167.0 136.8 205.2

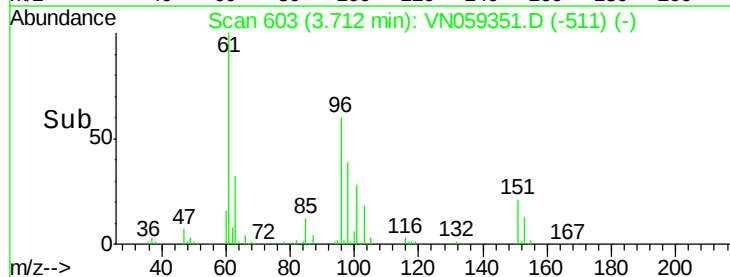
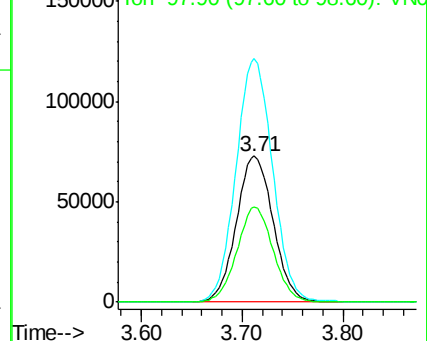
98 65.5 51.6 77.4

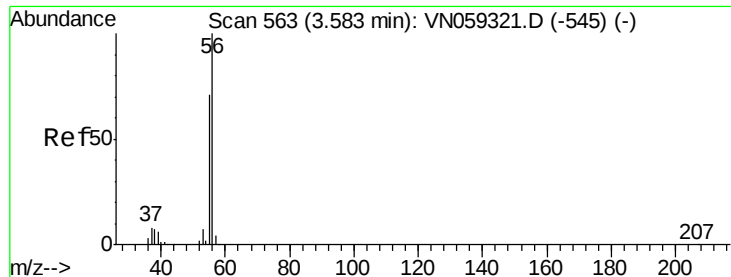


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 216.809 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

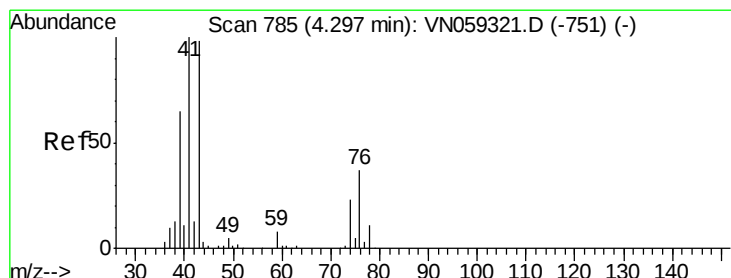
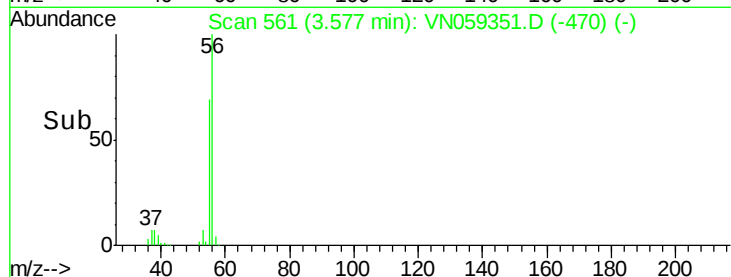
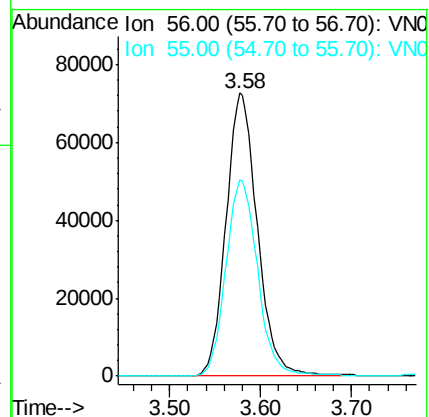
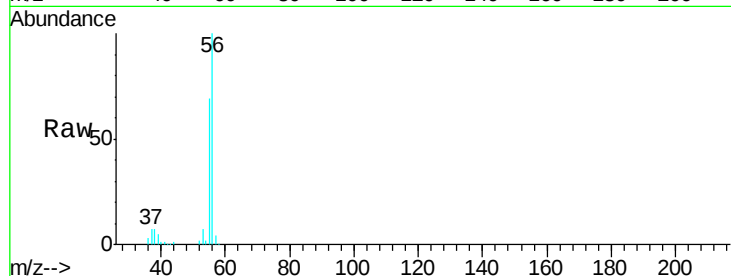
VSTDCCC050

Tgt Ion: 56 Resp: 174185

Ion Ratio Lower Upper

56 100

55 69.9 57.4 86.0



#14

Allyl chloride

Concen: 43.242 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

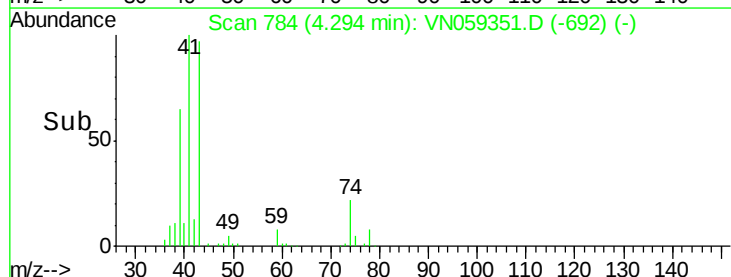
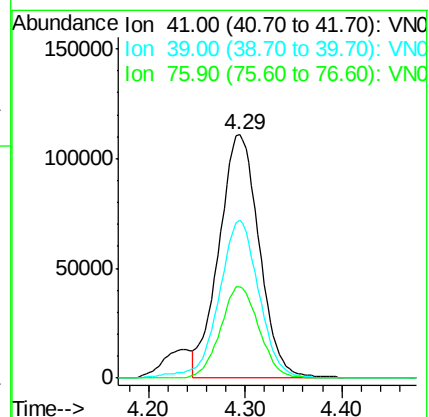
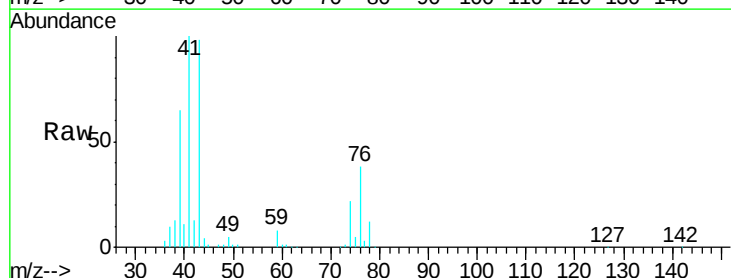
Tgt Ion: 41 Resp: 319424

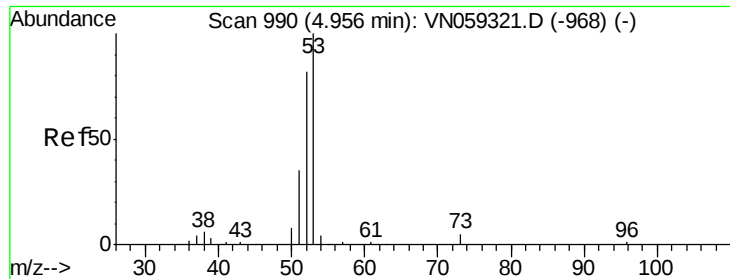
Ion Ratio Lower Upper

41 100

39 65.0 48.4 72.6

76 36.3 26.2 39.4





#15

Acrylonitrile

Concen: 234.820 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.01 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

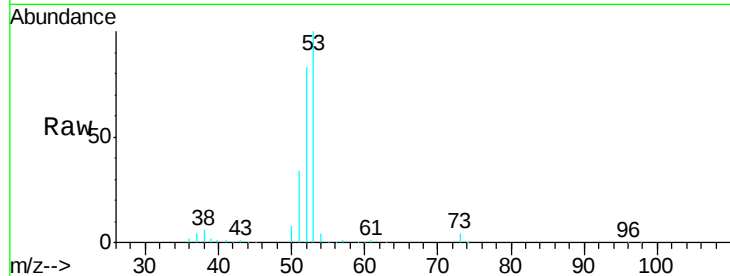
Tgt Ion: 53 Resp: 546429

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

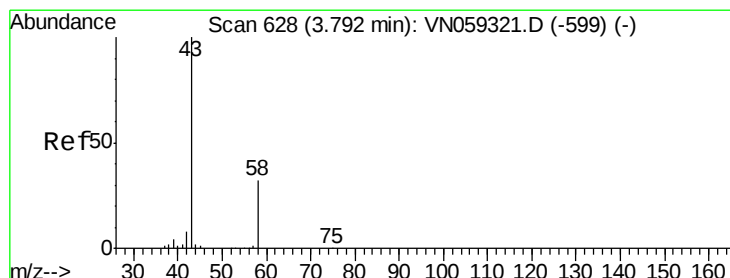
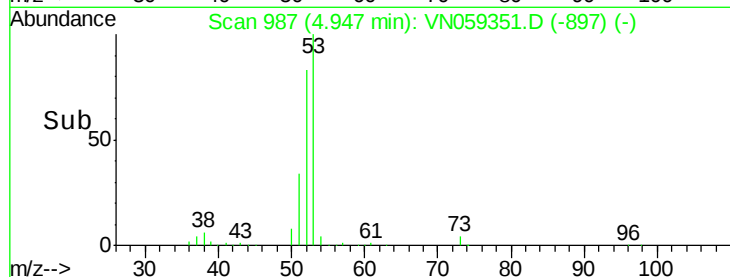
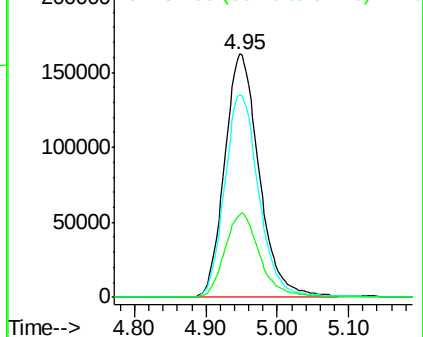
51 35.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 275.157 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059351.D

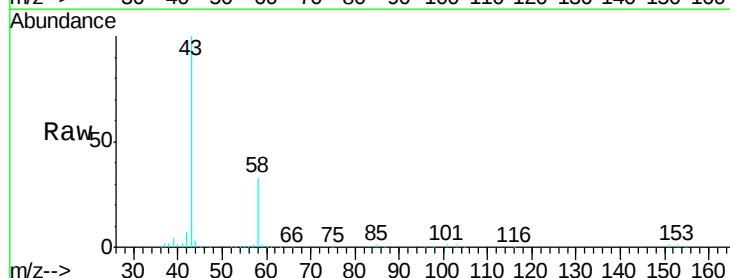
Acq: 22 Nov 2019 9:36

Tgt Ion: 43 Resp: 542337

Ion Ratio Lower Upper

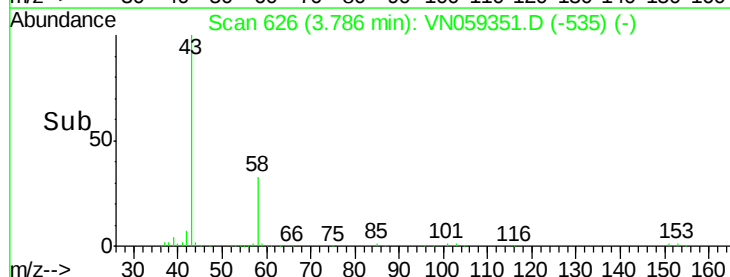
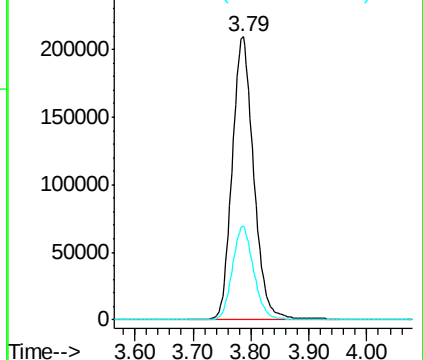
43 100

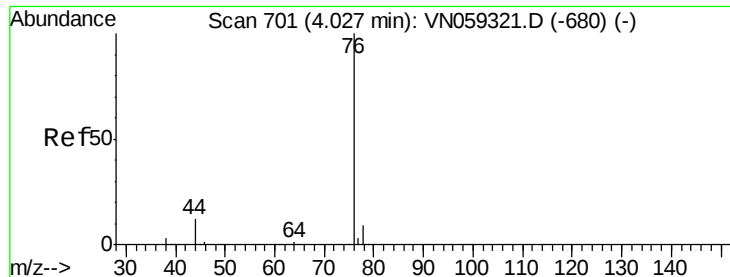
58 33.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

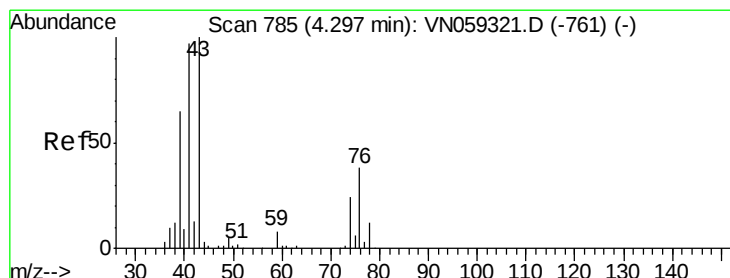
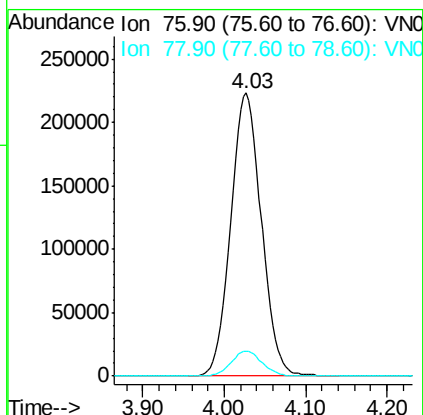
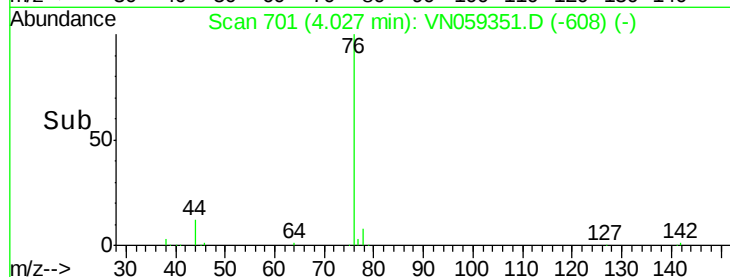
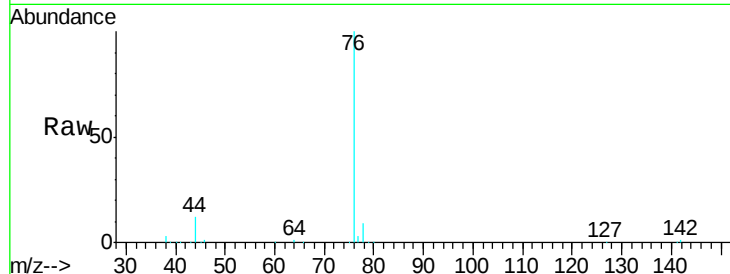




#17
Carbon Disulfide
Concen: 47.156 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

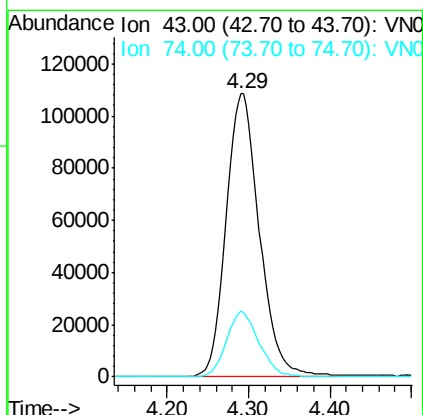
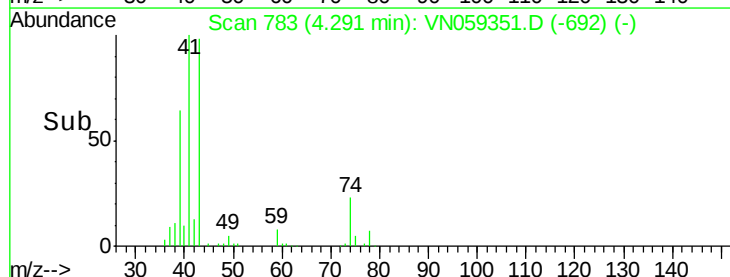
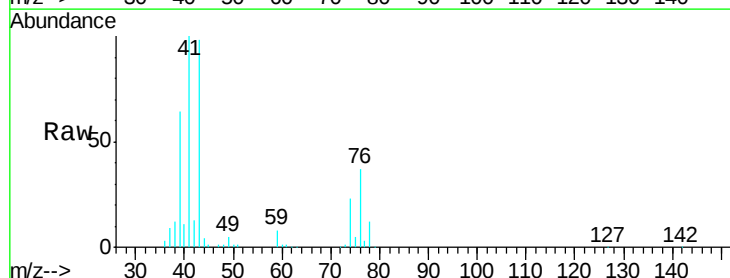
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

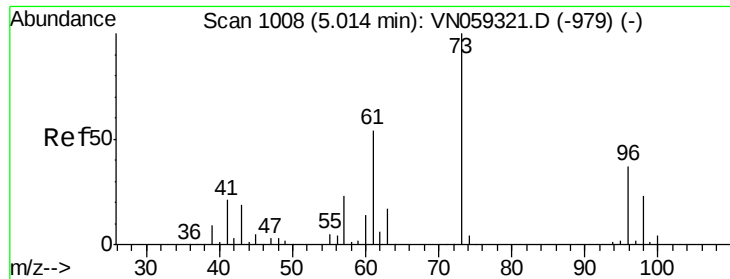
Tgt Ion: 76 Resp: 584280
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 46.988 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 43 Resp: 307357
Ion Ratio Lower Upper
43 100
74 22.9 18.1 27.1

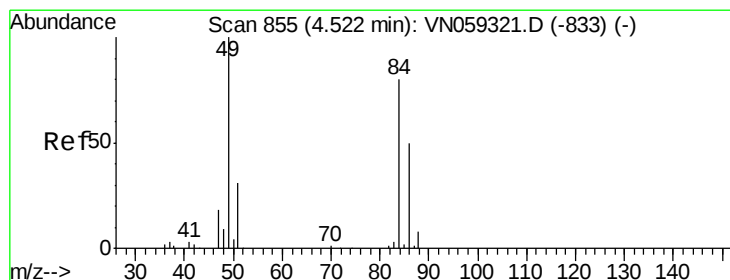
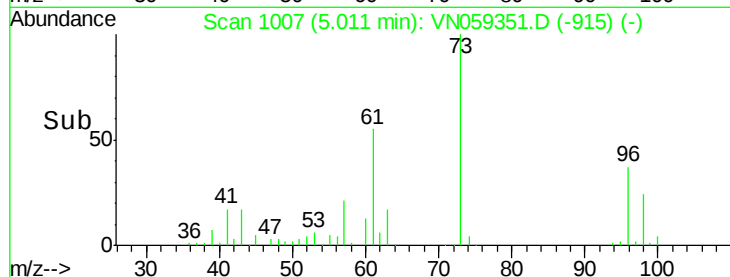
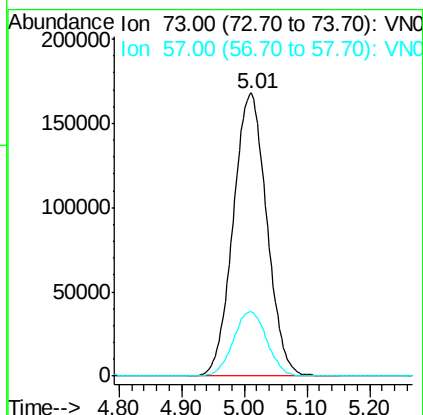
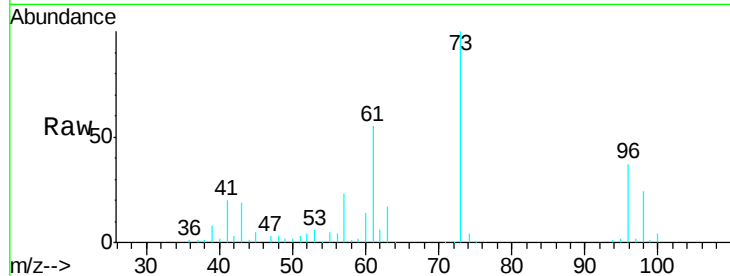




#19
Methyl tert-butyl Ether
Concen: 48.847 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

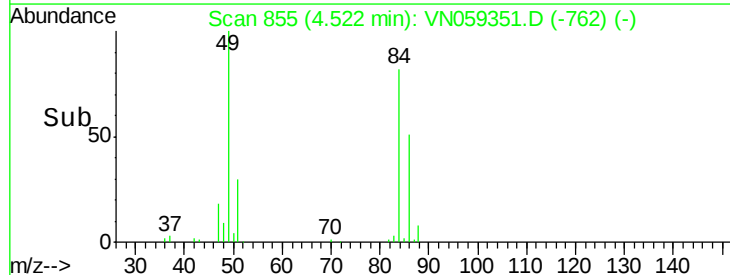
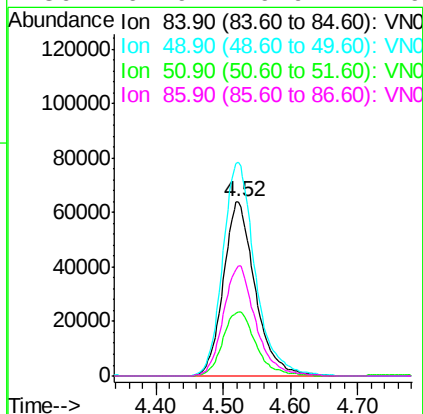
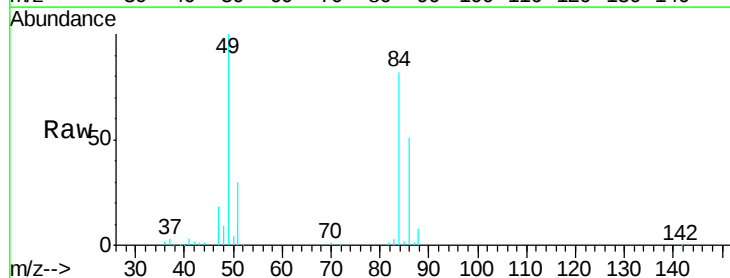
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

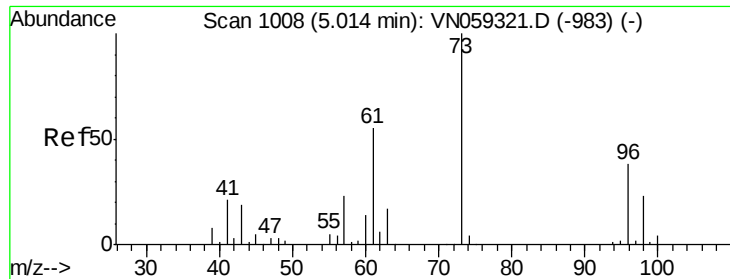
Tgt Ion: 73 Resp: 623841
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6



#20
Methylene Chloride
Concen: 47.460 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 84 Resp: 210977
Ion Ratio Lower Upper
84 100
49 122.7 99.5 149.3
51 37.0 31.1 46.7
86 62.9 49.9 74.9

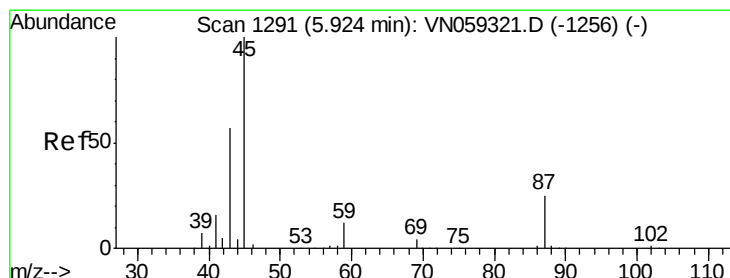
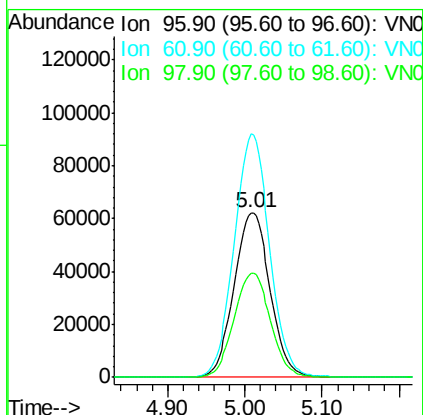
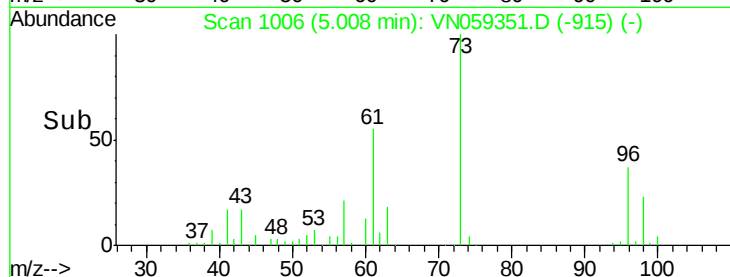
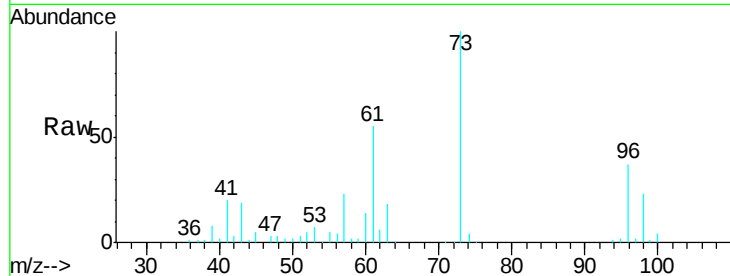




#21
trans-1,2-Dichloroethene
Concen: 48.060 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

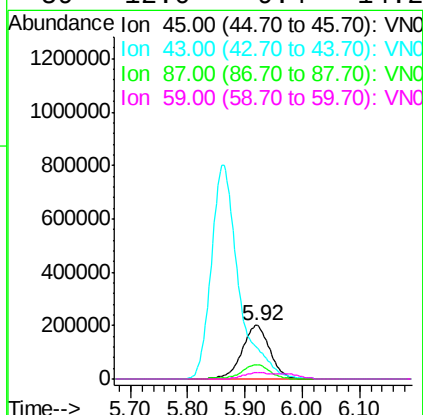
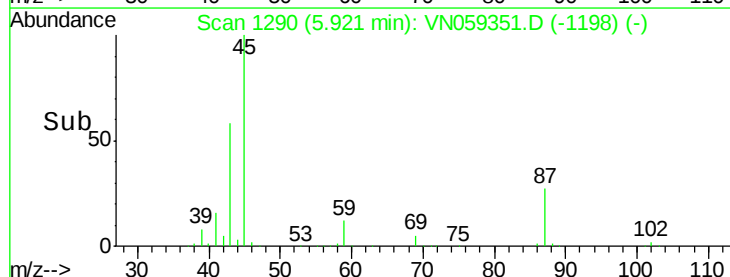
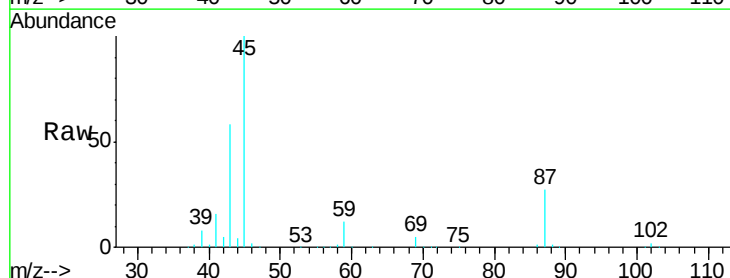
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

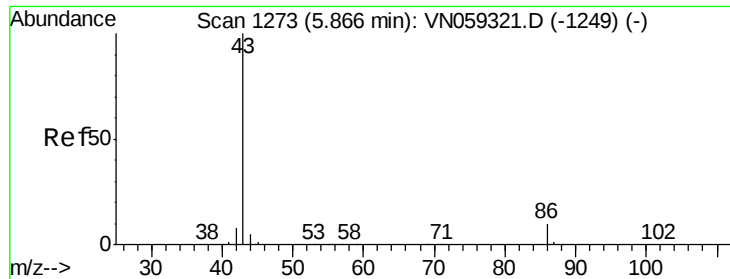
Tgt Ion: 96 Resp: 201405
Ion Ratio Lower Upper
96 100
61 148.0 116.4 174.6
98 63.1 49.6 74.4



#22
Diisopropyl ether
Concen: 48.558 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 45 Resp: 675349
Ion Ratio Lower Upper
45 100
43 57.4 47.6 71.4
87 27.2 20.7 31.1
59 12.0 9.4 14.2

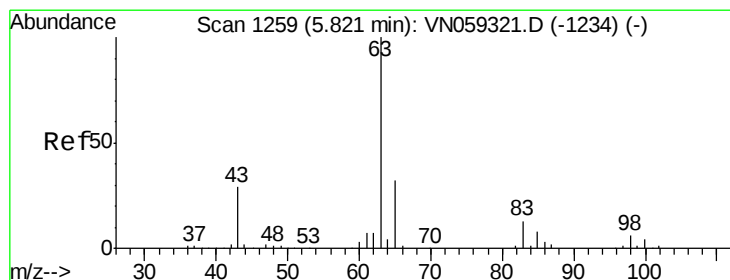
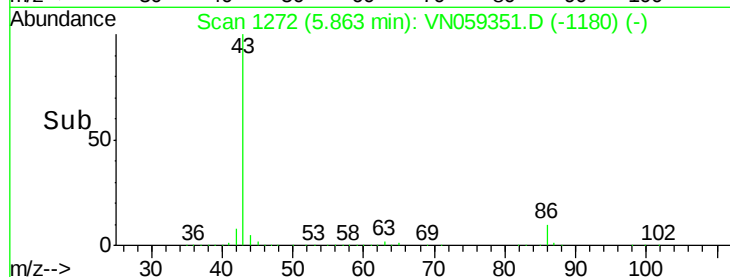
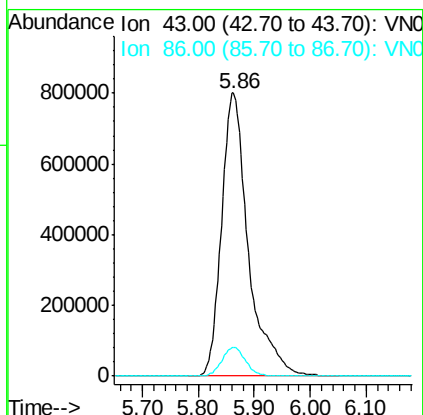
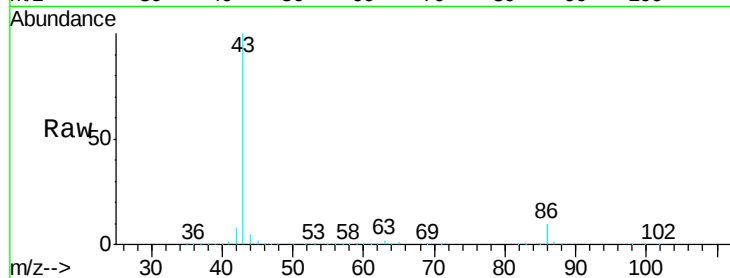




#23
 Vinyl Acetate
 Concen: 244.935 ug/l
 RT: 5.86 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

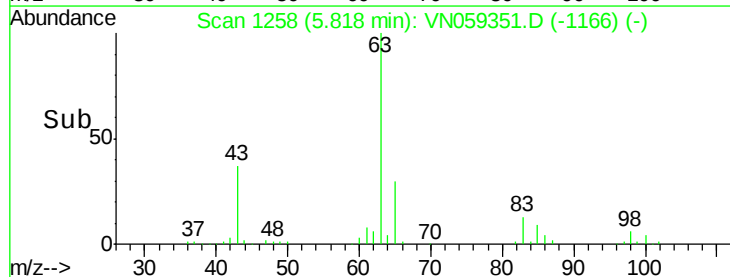
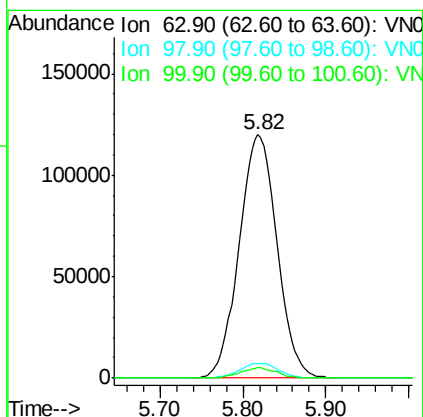
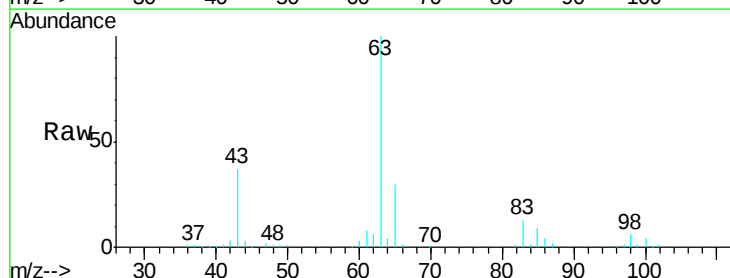
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

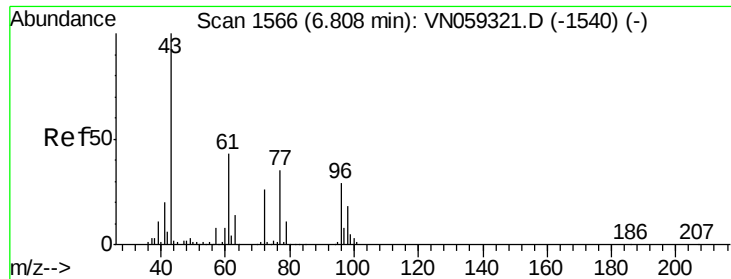
Tgt Ion: 43 Resp: 2678834
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.607 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion: 63 Resp: 380515
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 4.2 1.9 5.7

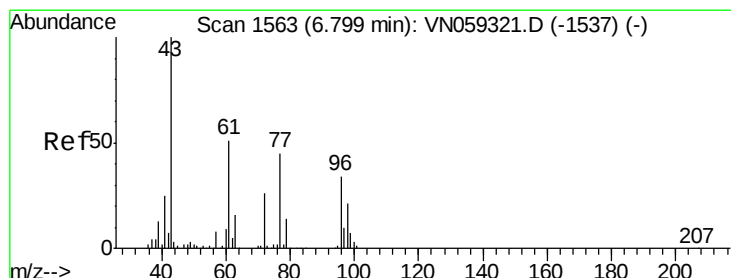
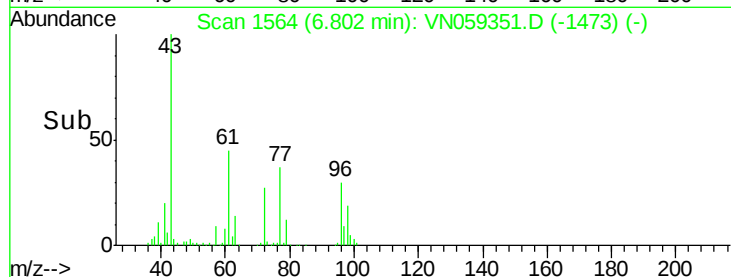
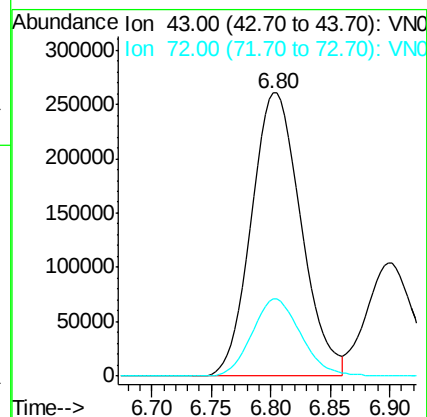
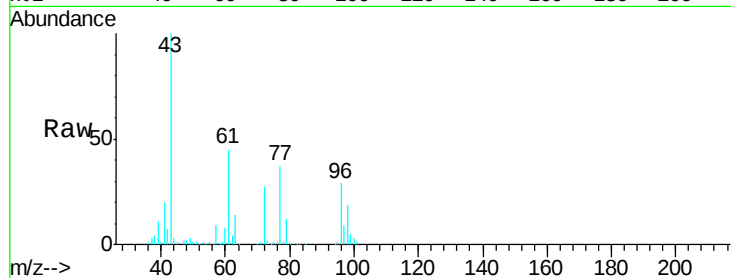




#25
2-Butanone
Concen: 245.319 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

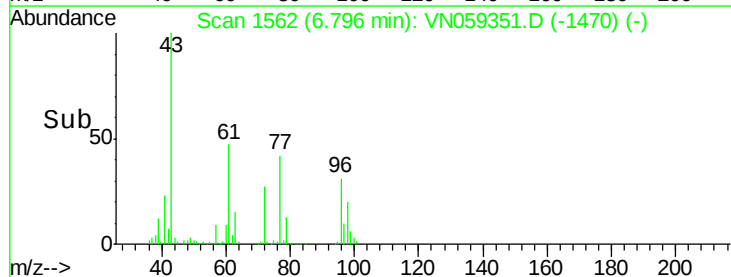
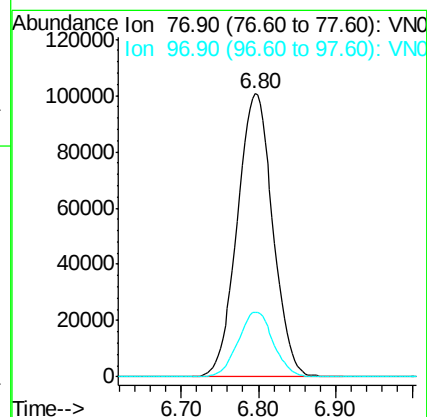
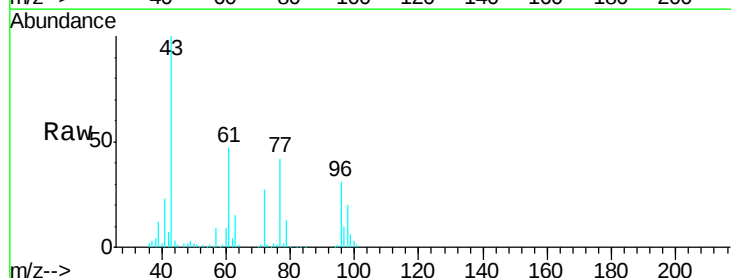
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

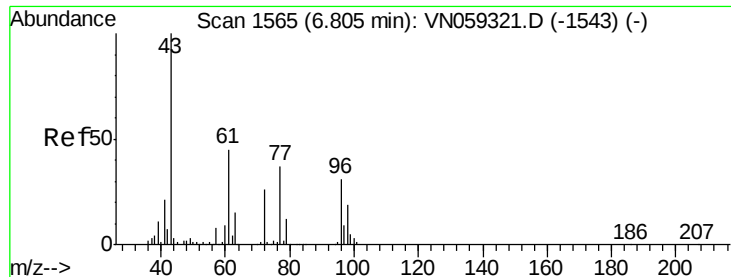
Tgt Ion: 43 Resp: 751881
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.323 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 77 Resp: 320784
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 47.170 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

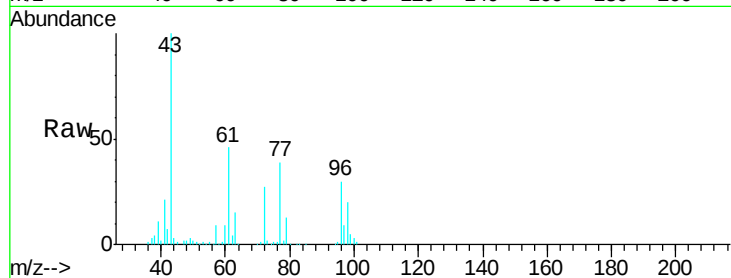
Tgt Ion: 96 Resp: 223027

Ion Ratio Lower Upper

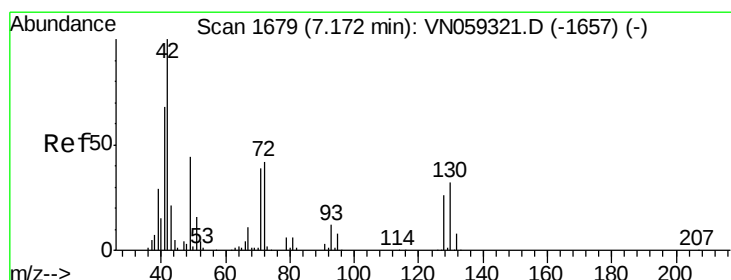
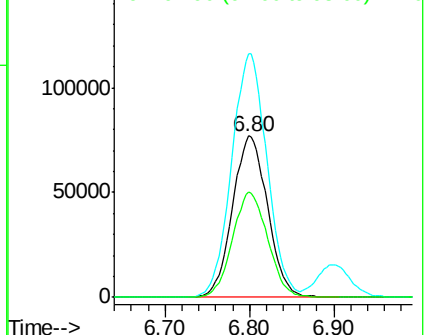
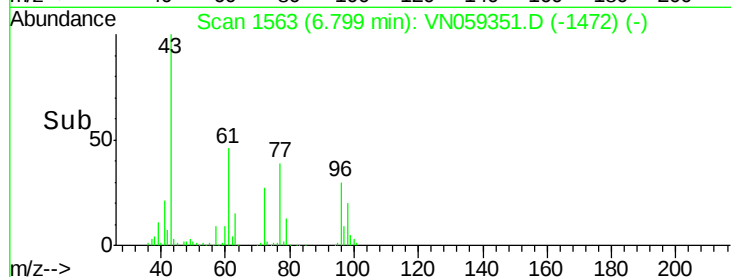
96 100

61 152.1 0.0 304.0

98 65.4 0.0 128.4



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



#28

Bromochloromethane

Concen: 50.489 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

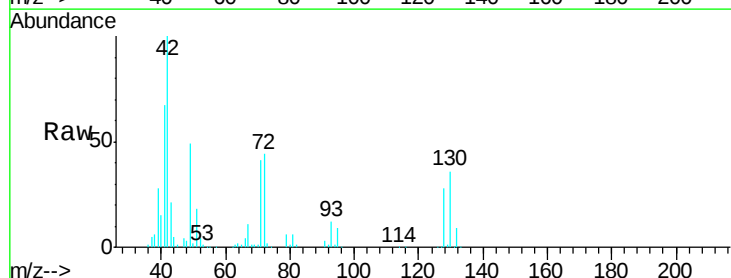
Tgt Ion: 49 Resp: 161078

Ion Ratio Lower Upper

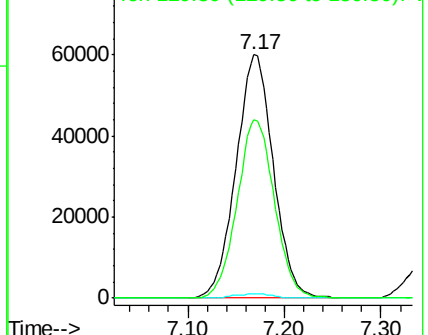
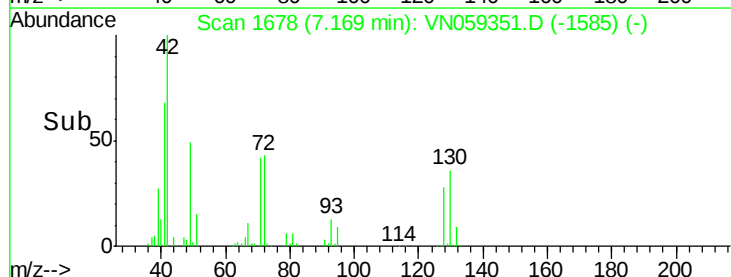
49 100

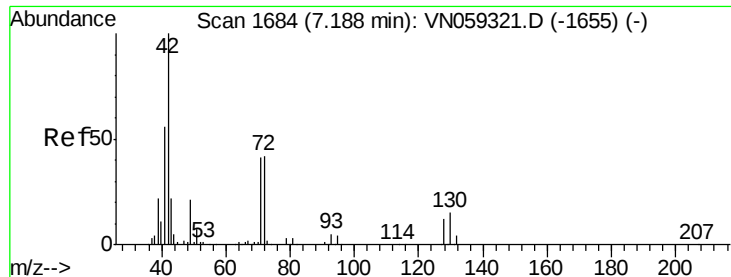
129 1.7 0.0 3.8

130 73.0 57.0 85.6



Abundance Ion 48.90 (48.60 to 49.60): VNO
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

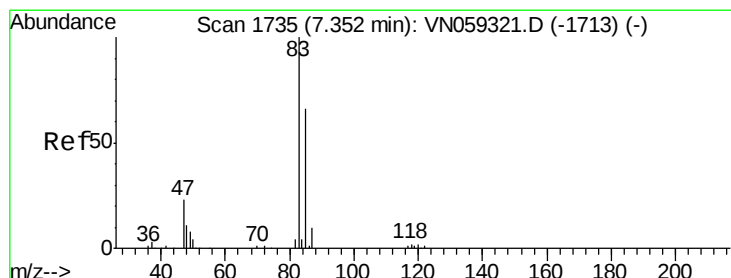
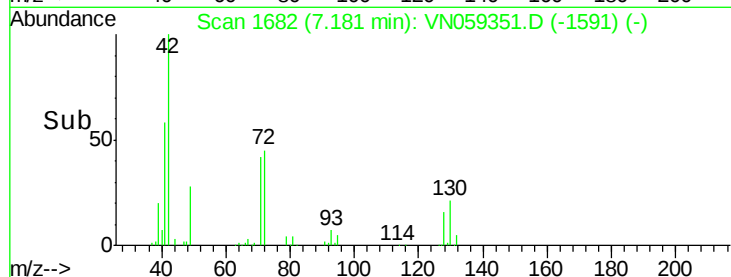
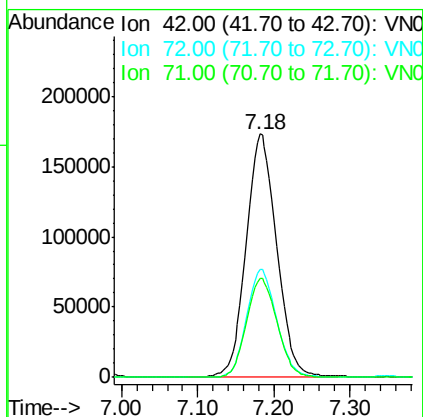
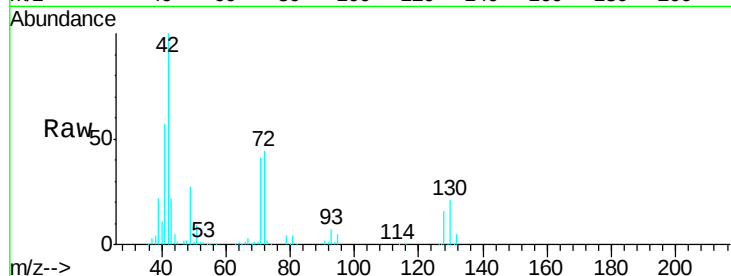




#29
Tetrahydrofuran
Concen: 228.813 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

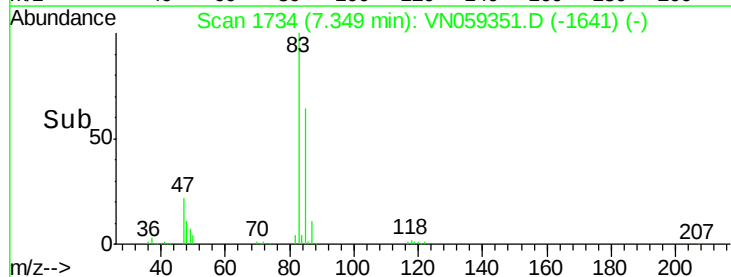
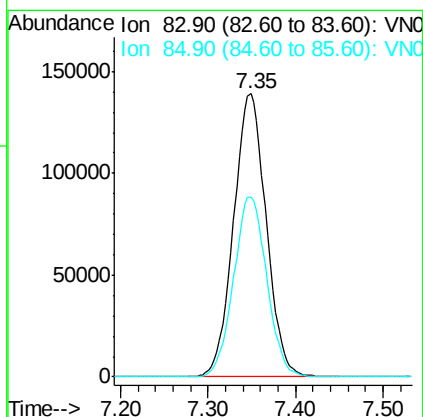
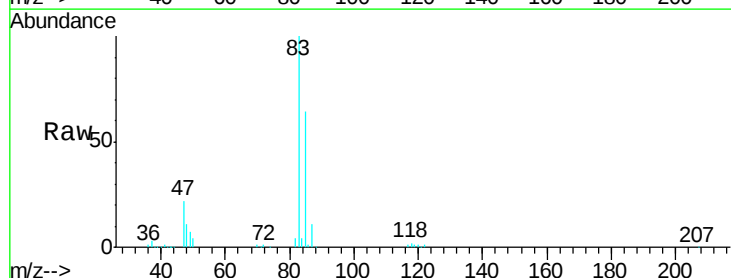
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

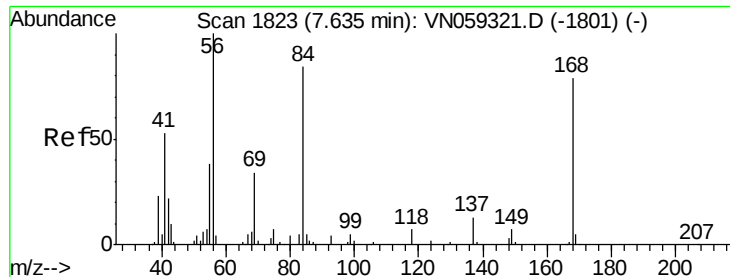
Tgt Ion: 42 Resp: 484918
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.2
71 40.7 32.6 48.8



#30
Chloroform
Concen: 47.414 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 83 Resp: 360234
Ion Ratio Lower Upper
83 100
85 63.7 52.7 79.1

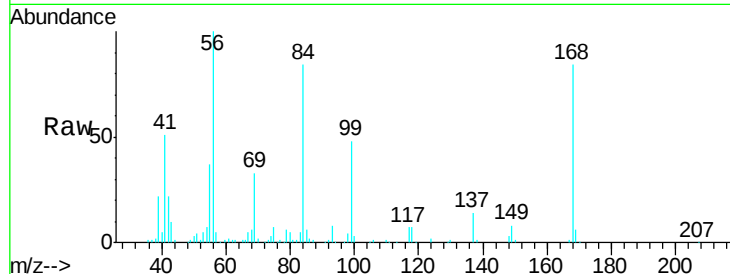




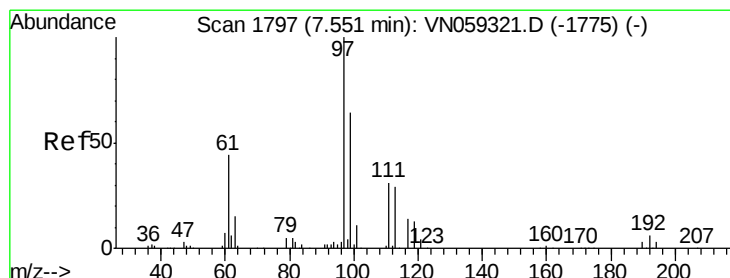
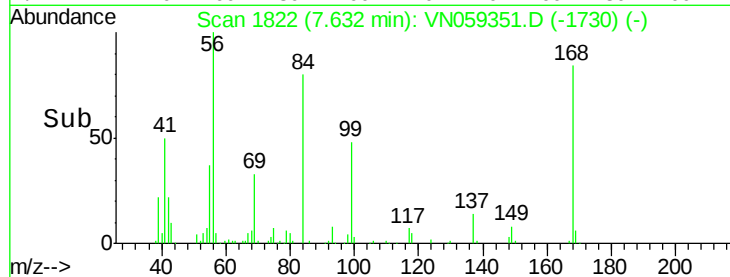
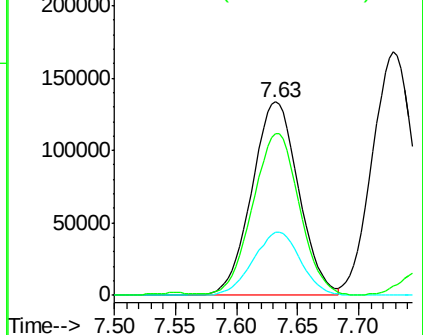
#31
Cyclohexane
Concen: 45.967 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 355793
Ion Ratio Lower Upper
56 100
69 32.6 26.6 40.0
84 82.5 67.0 100.4

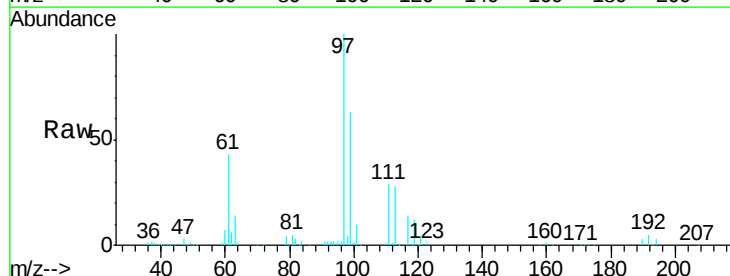


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

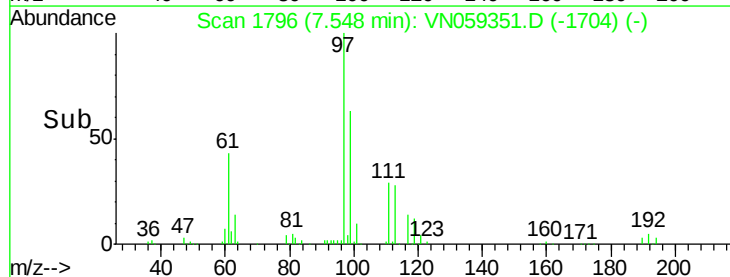
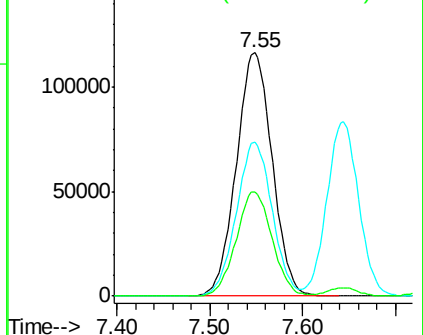


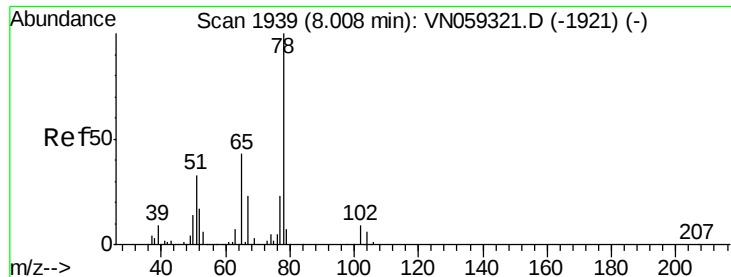
#32
1,1,1-Trichloroethane
Concen: 47.887 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 97 Resp: 312564
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 43.0 35.3 52.9



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

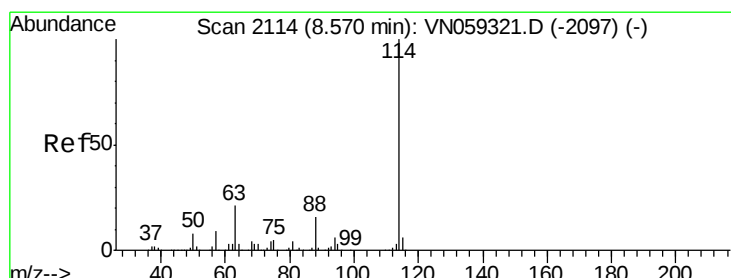
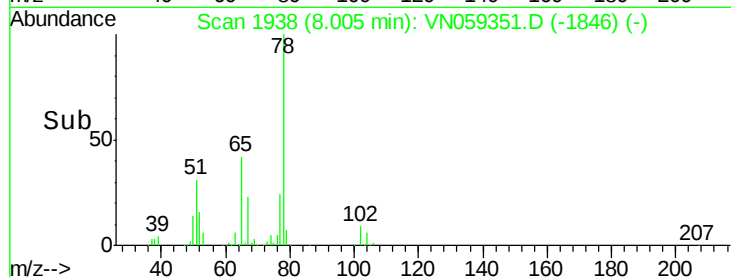
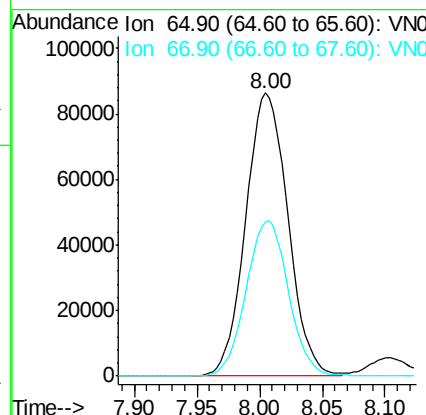
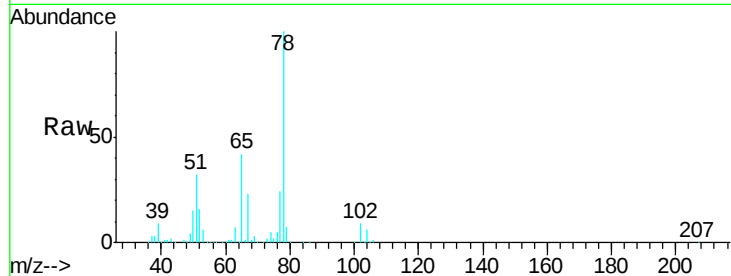




#33
 1,2-Dichloroethane-d4
 Concen: 46.044 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

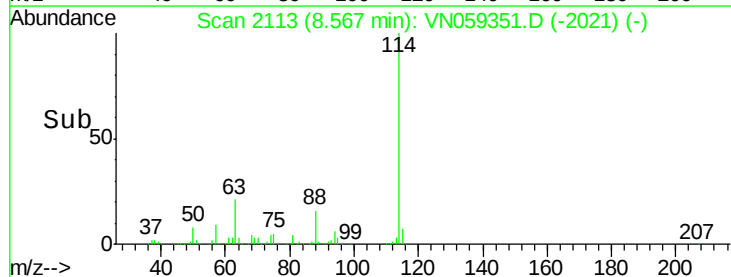
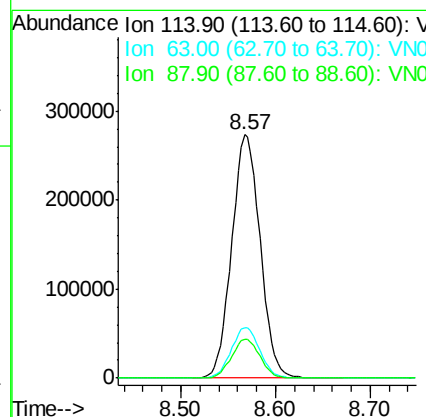
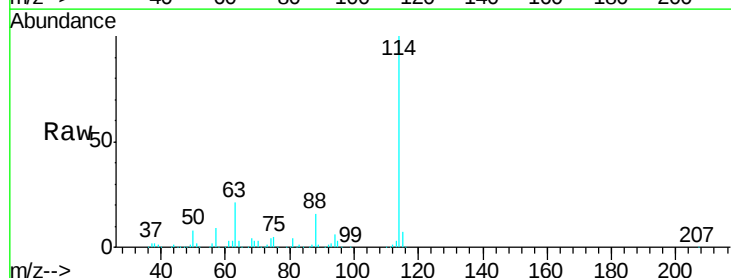
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

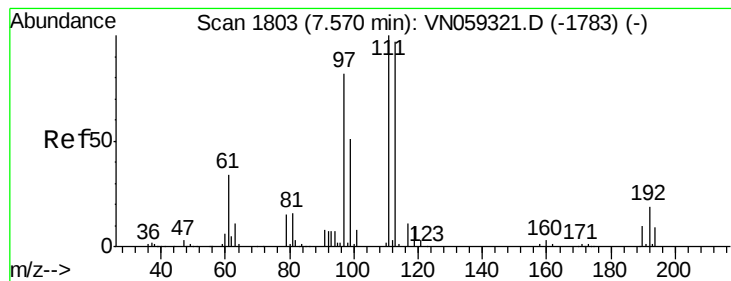
Tgt Ion: 65 Resp: 202403
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion: 114 Resp: 571273
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.892 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

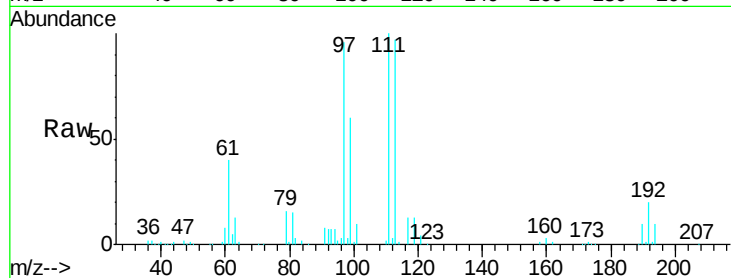
Tgt Ion:113 Resp: 164141

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

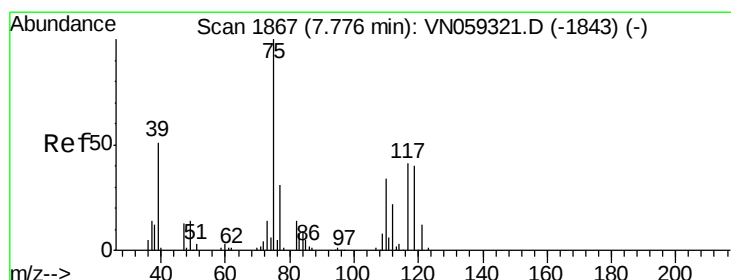
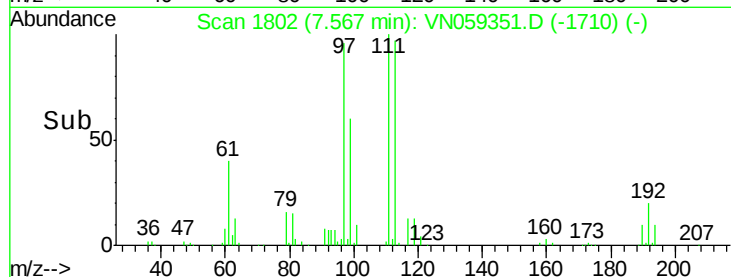
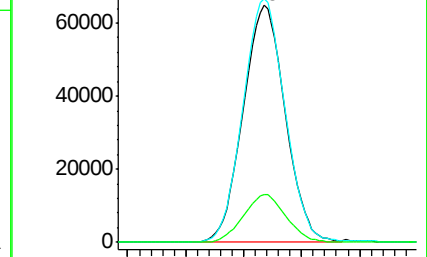
192 20.3 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.205 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.01 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

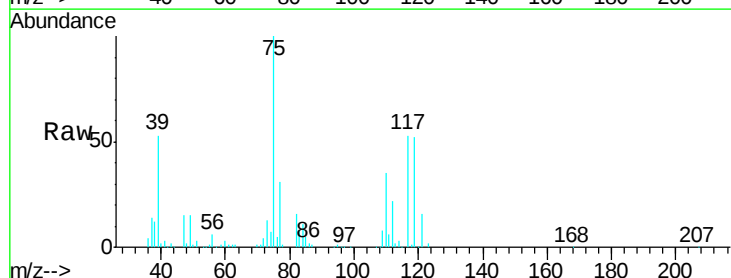
Tgt Ion: 75 Resp: 284290

Ion Ratio Lower Upper

75 100

110 34.7 17.0 51.0

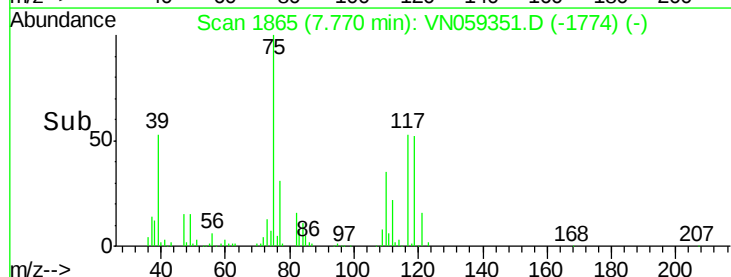
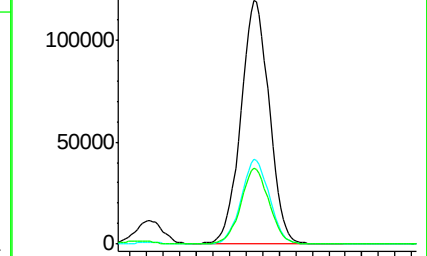
77 31.3 24.8 37.2

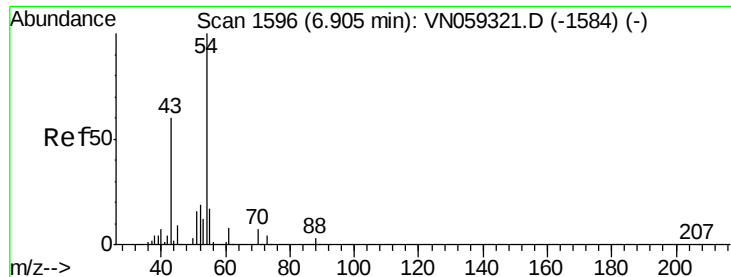


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

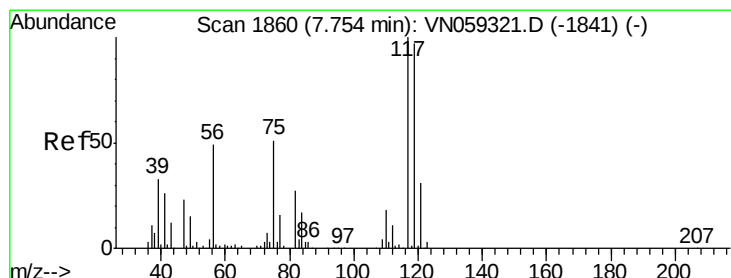
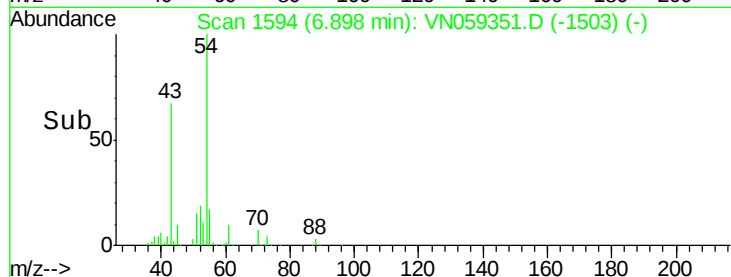
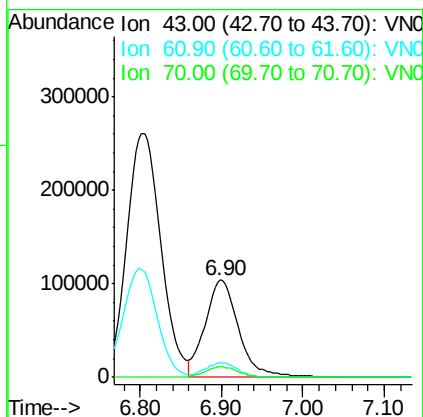
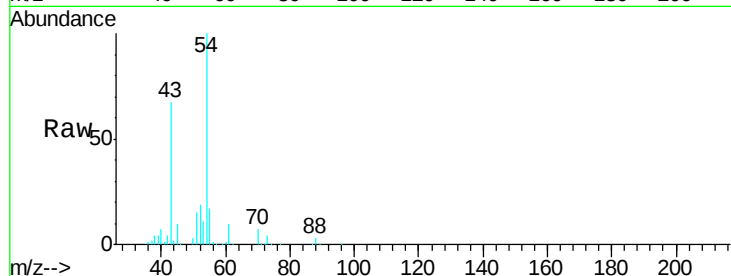




#37
Ethyl Acetate
Concen: 46.540 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

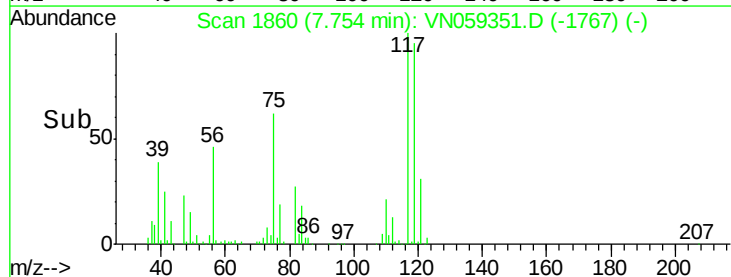
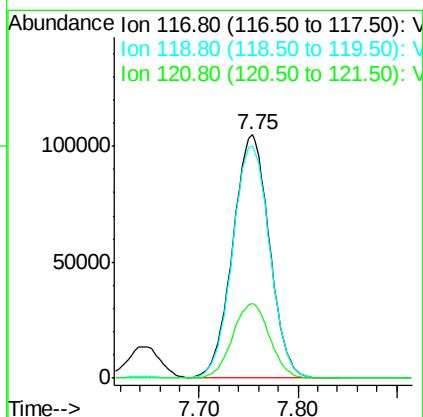
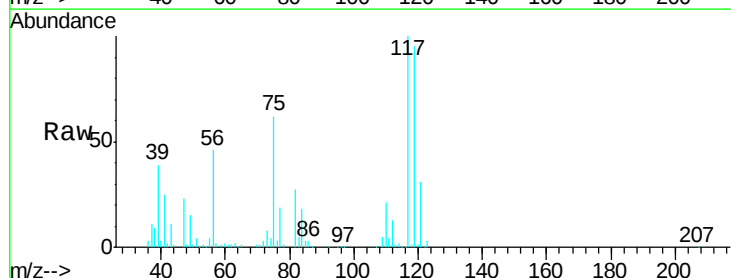
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

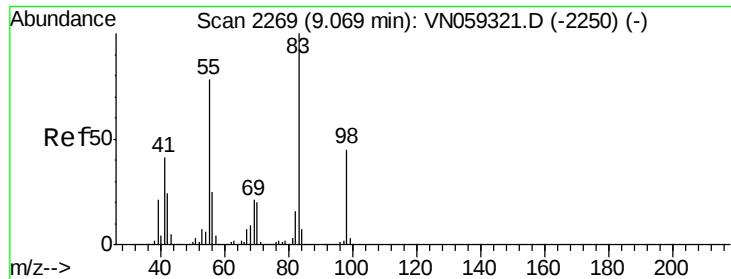
Tgt Ion: 43 Resp: 294982
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.6
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.000 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 117 Resp: 271002
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4
121 30.6 24.4 36.6

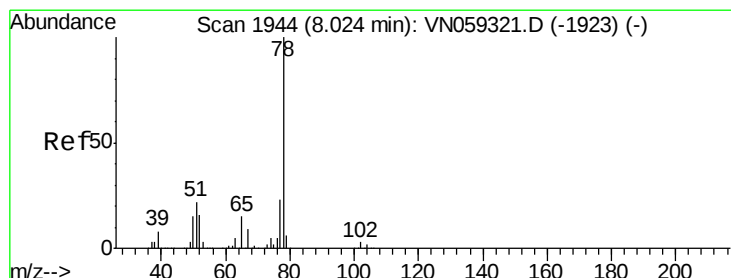
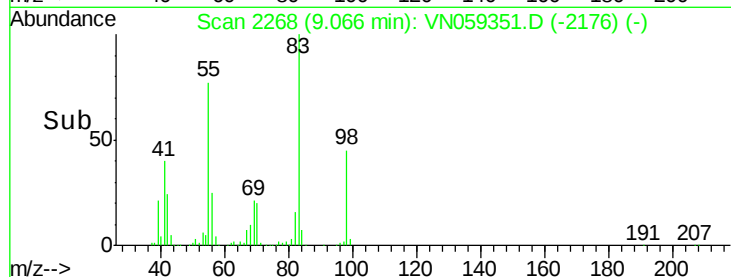
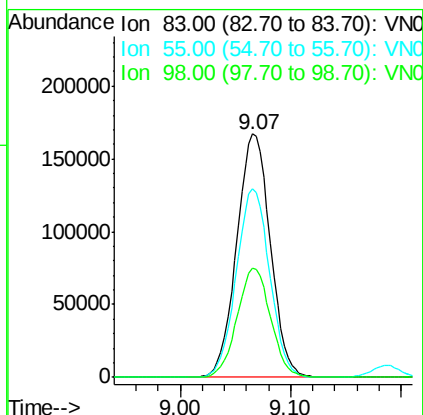
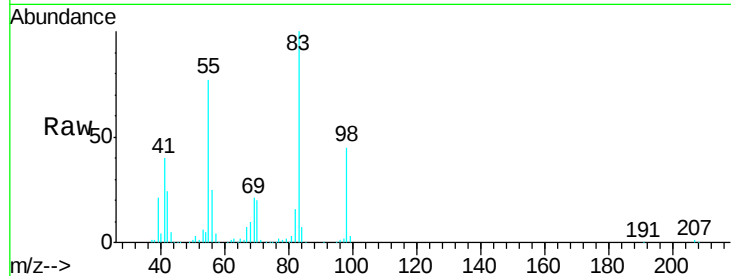




#39
Methylcyclohexane
Concen: 49.617 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

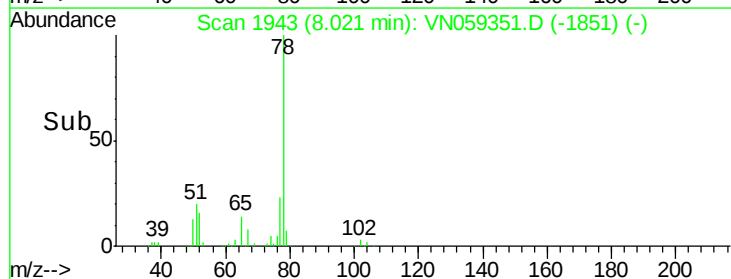
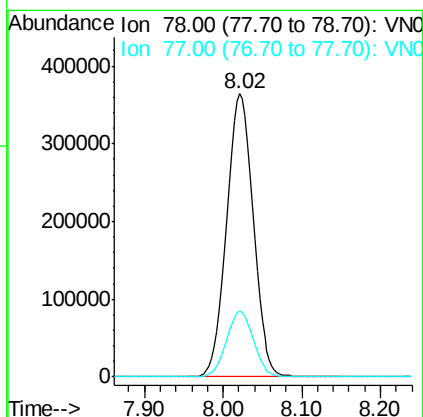
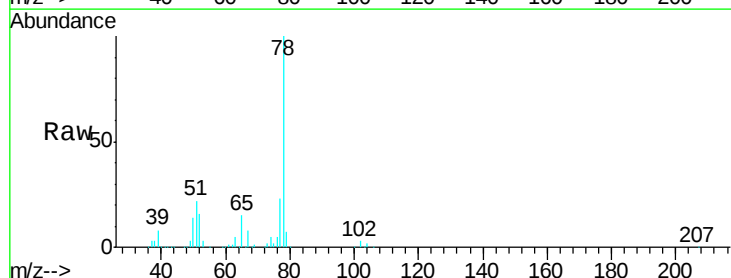
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

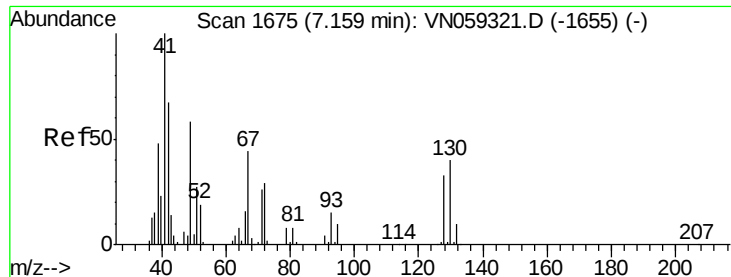
Tgt Ion: 83 Resp: 352857
Ion Ratio Lower Upper
83 100
55 77.3 62.3 93.5
98 44.7 36.0 54.0



#40
Benzene
Concen: 49.446 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 78 Resp: 855868
Ion Ratio Lower Upper
78 100
77 23.1 18.4 27.6

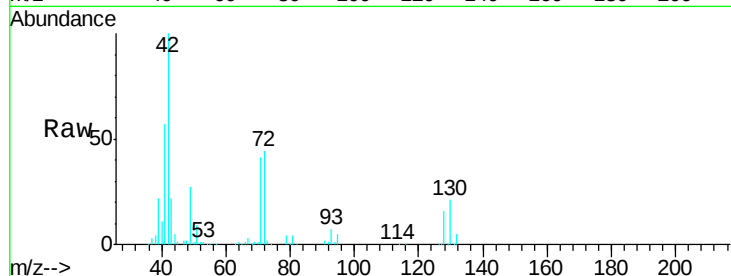




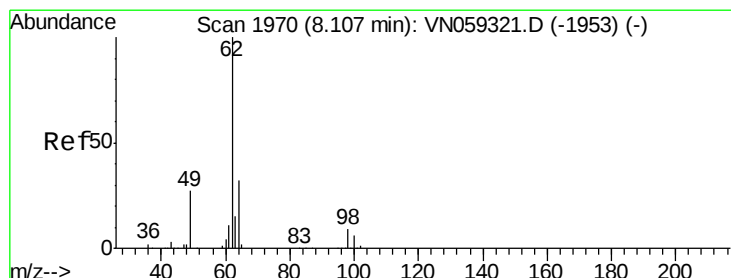
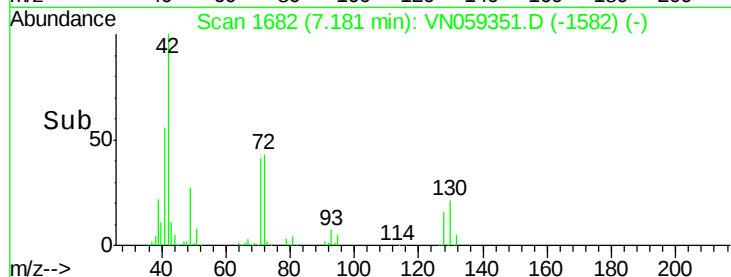
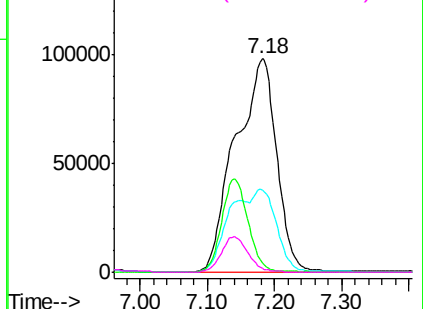
#41
Methacrylonitrile
Concen: 149.051 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	419386
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

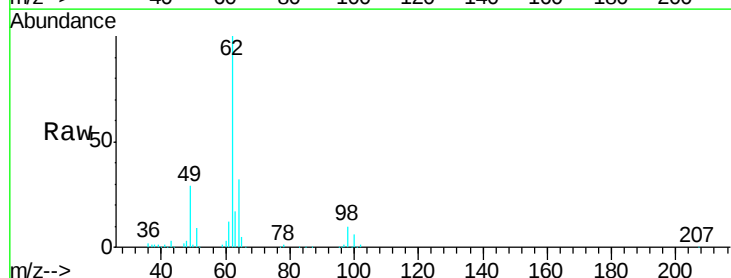


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

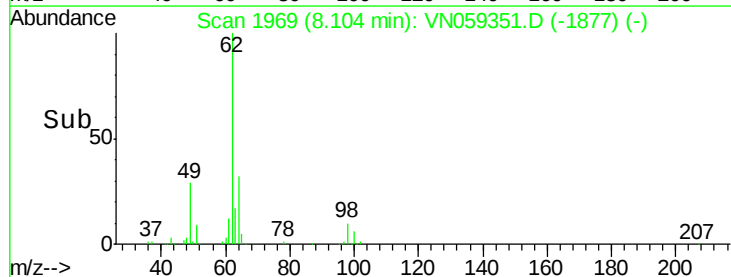
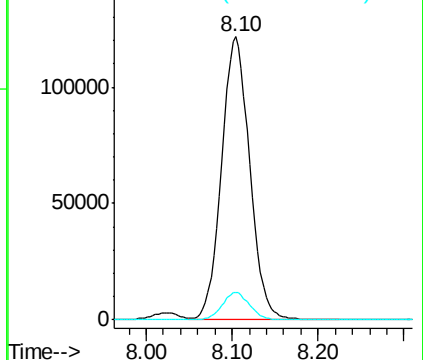


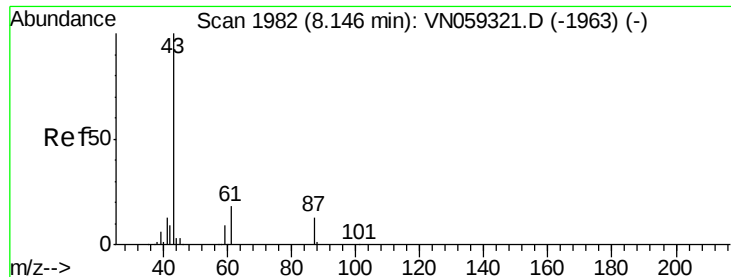
#42
1,2-Dichloroethane
Concen: 48.416 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion:	62	Resp:	277161
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

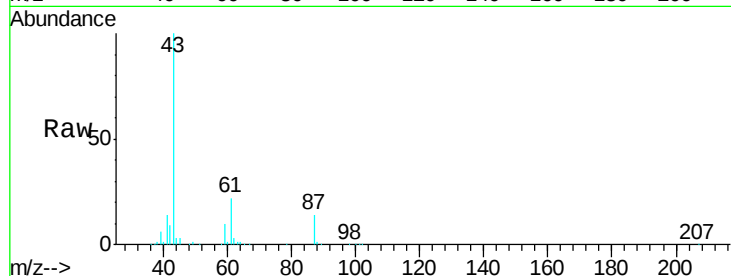




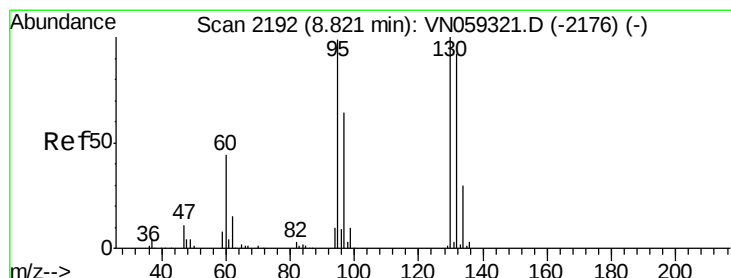
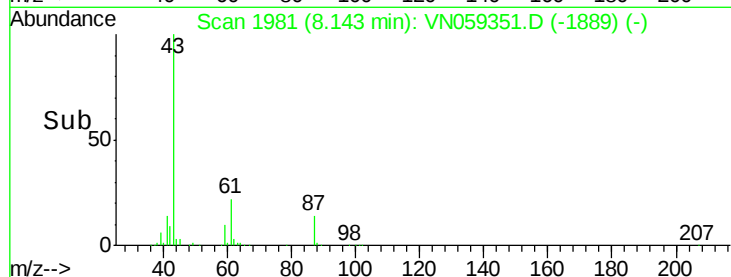
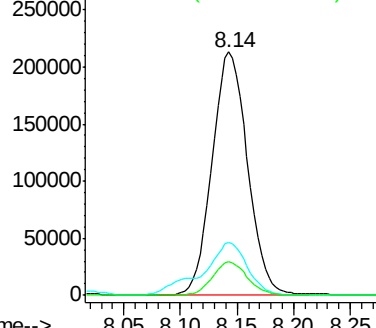
#43
Isopropyl Acetate
Concen: 47.977 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 464726
Ion Ratio Lower Upper
43 100
61 27.6 21.7 32.5
87 13.6 10.2 15.4

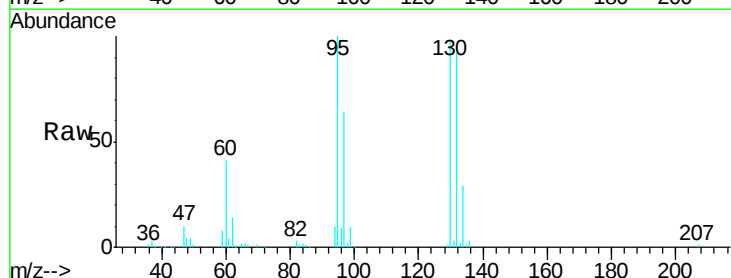


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

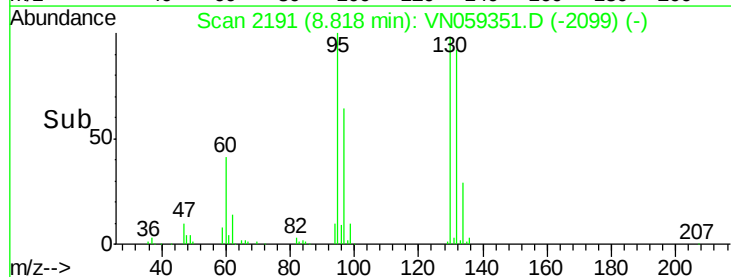
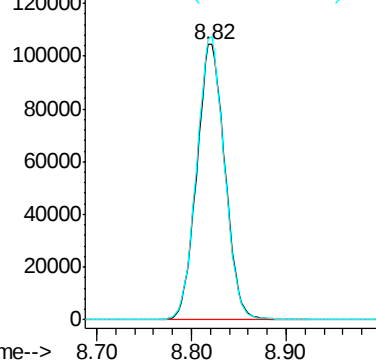


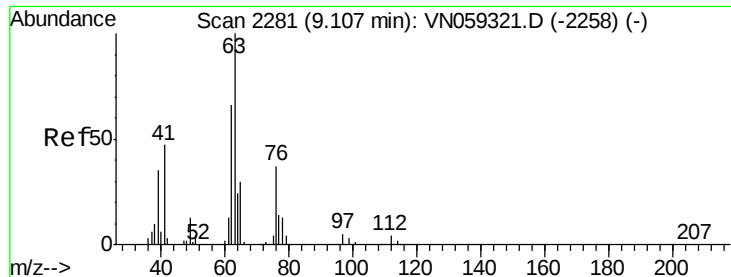
#44
Trichloroethene
Concen: 49.261 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 130 Resp: 216098
Ion Ratio Lower Upper
130 100
95 102.1 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 49.668 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

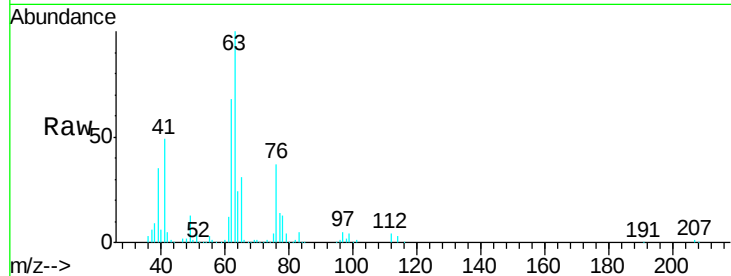
VSTDCCC050

Tgt Ion: 63 Resp: 229250

Ion Ratio Lower Upper

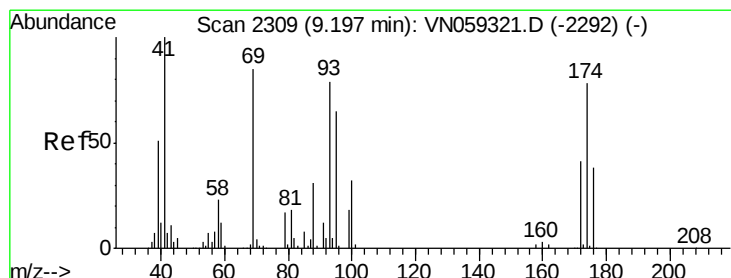
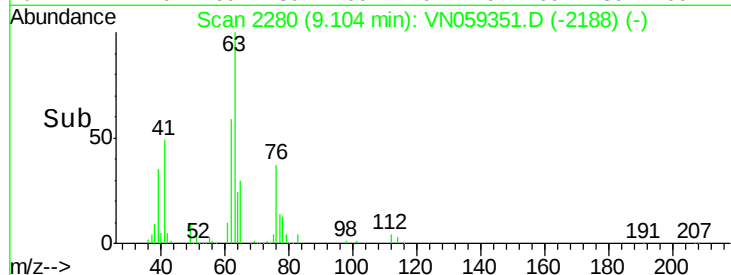
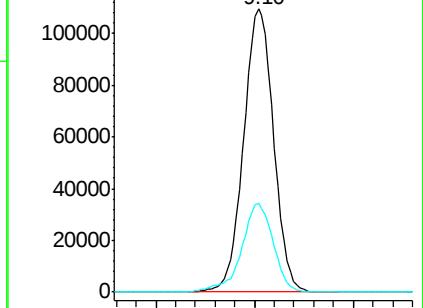
63 100

65 31.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.193 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

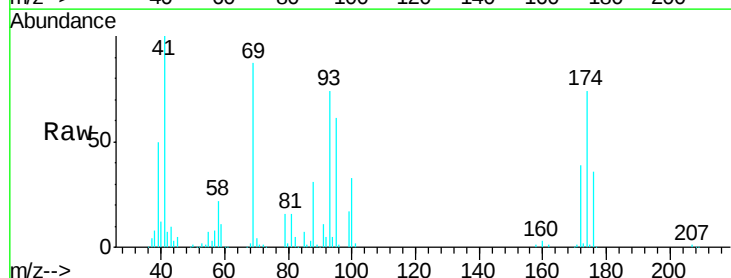
Tgt Ion: 93 Resp: 139271

Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

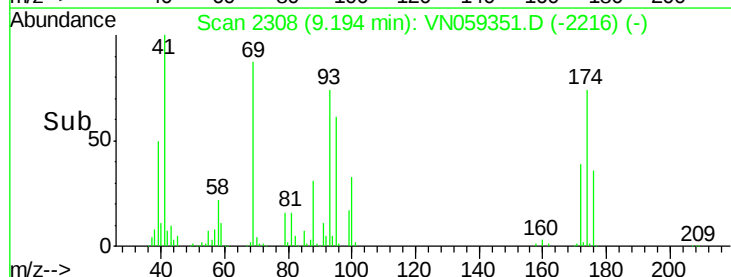
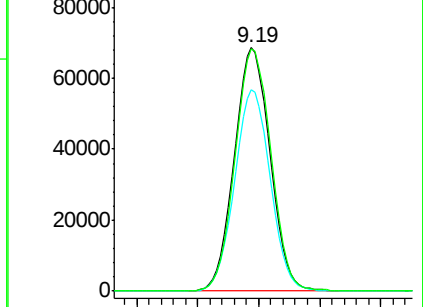
174 100.0 80.6 120.8

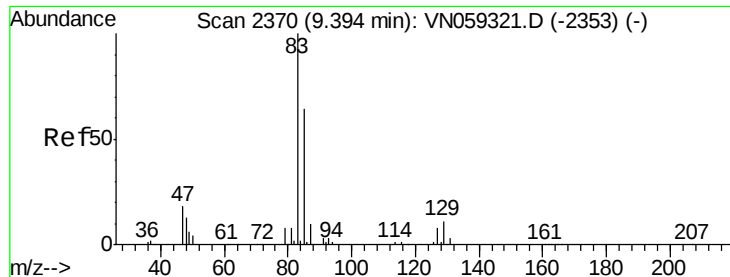


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

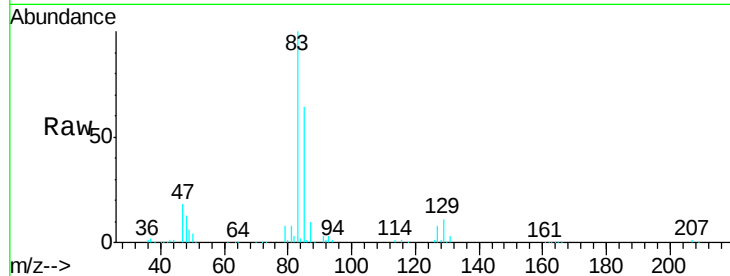




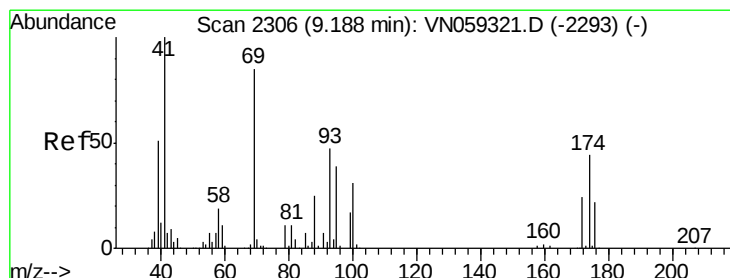
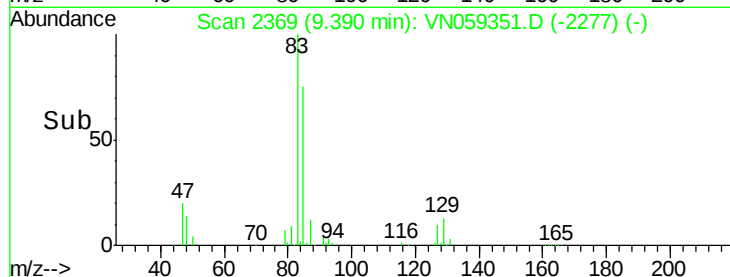
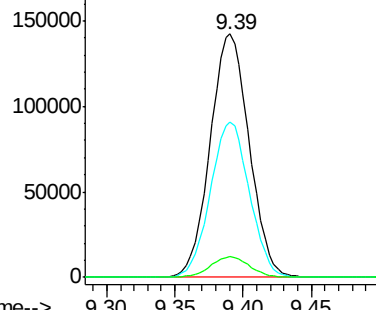
#47
Bromodichloromethane
Concen: 49.799 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 282356
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3
127 8.3 6.6 10.0

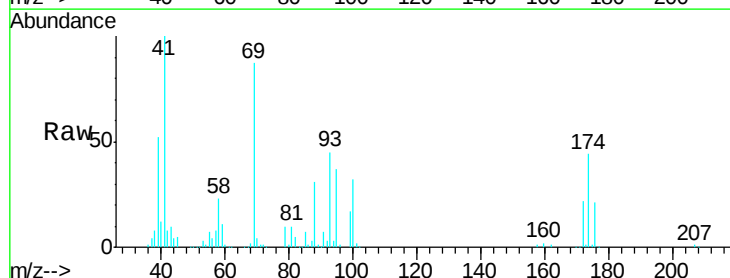


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

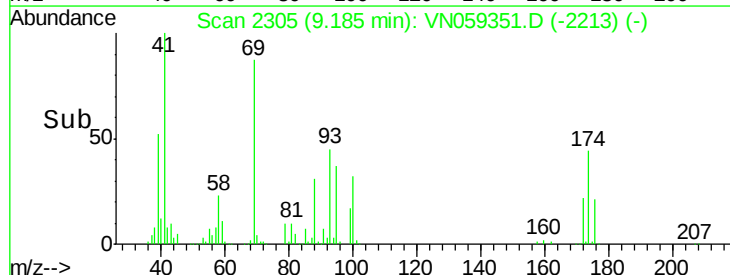
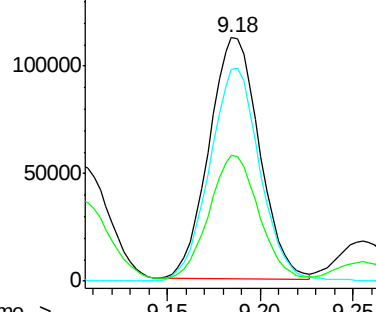


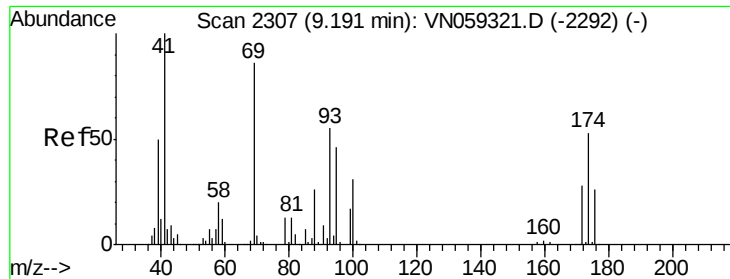
#48
Methyl methacrylate
Concen: 48.083 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 41 Resp: 211804
Ion Ratio Lower Upper
41 100
69 88.4 68.8 103.2
39 50.1 42.1 63.1



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

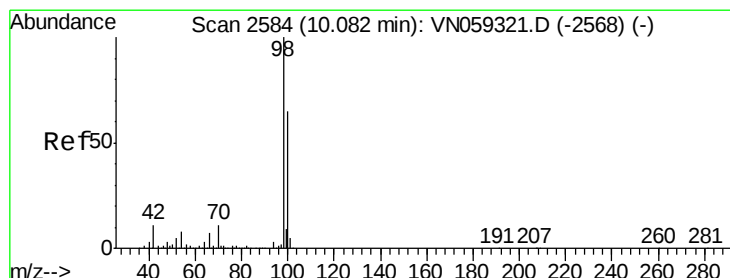
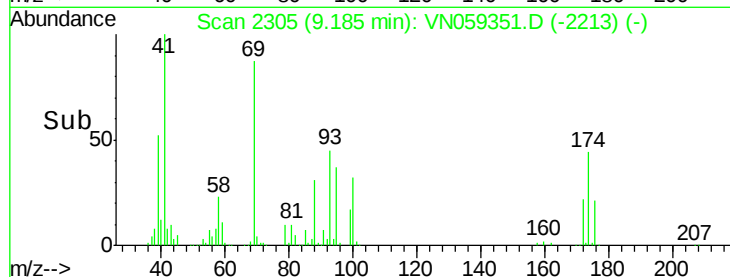
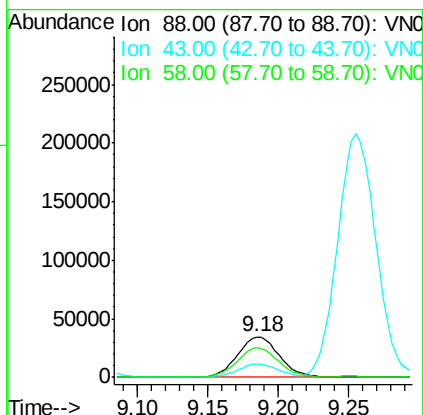
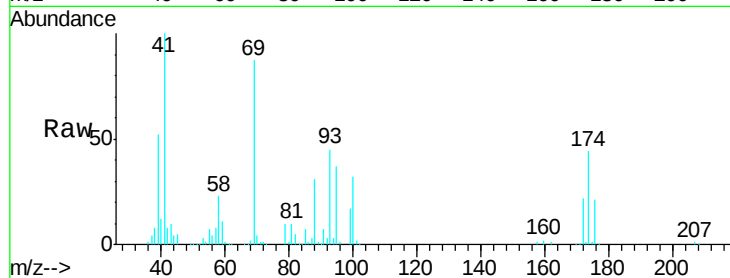




#49
1,4-Dioxane
Concen: 1074.726 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

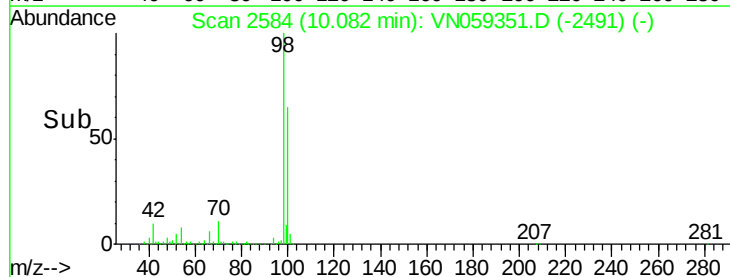
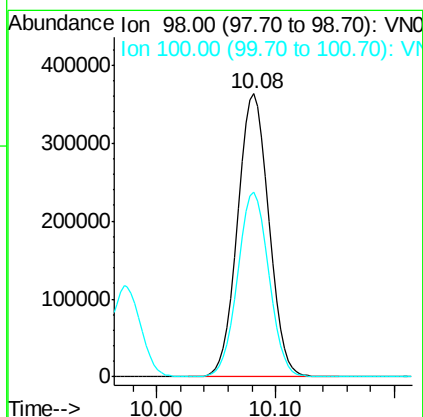
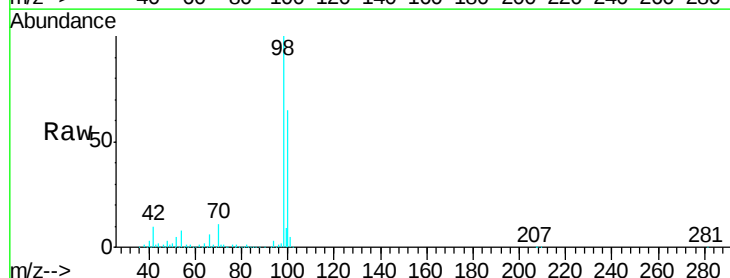
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

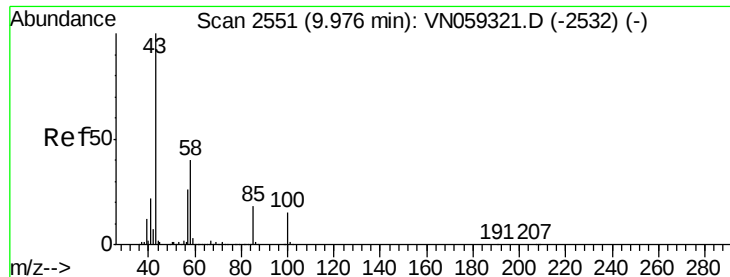
Tgt Ion: 88 Resp: 71150
Ion Ratio Lower Upper
88 100
43 30.4 26.9 40.3
58 72.6 59.2 88.8



#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 98 Resp: 663019
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5

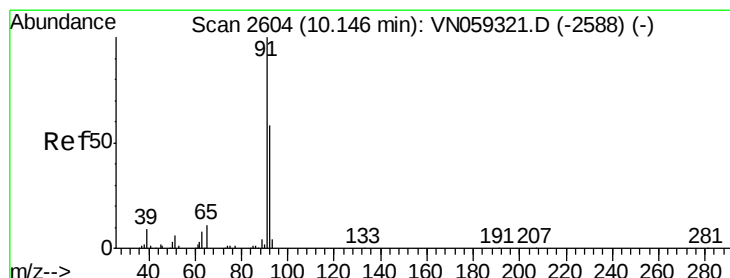
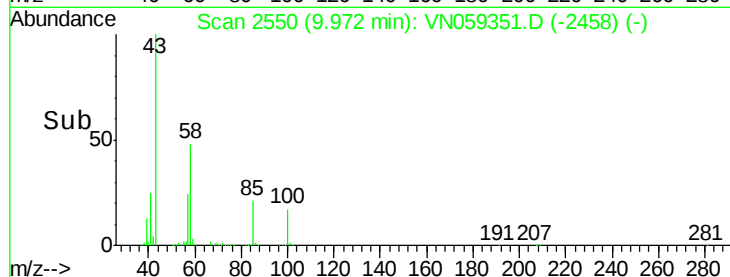
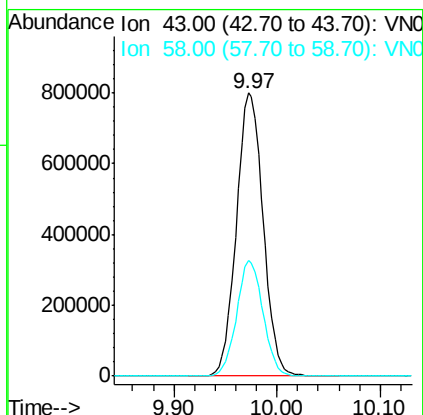
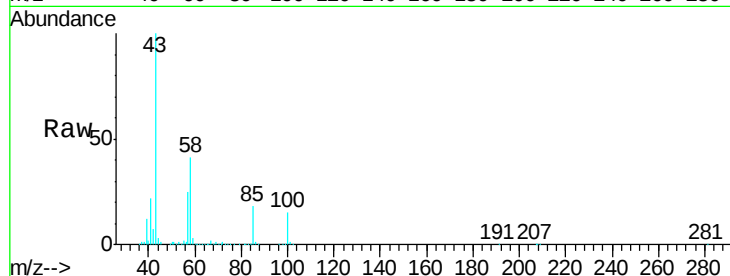




#51
 4-Methyl-2-Pentanone
 Concen: 255.106 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

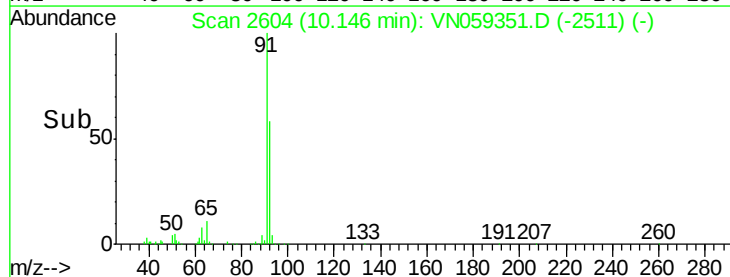
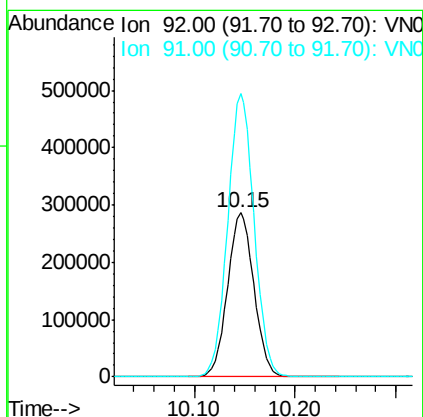
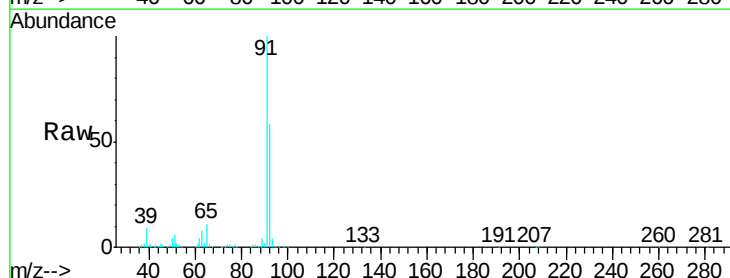
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

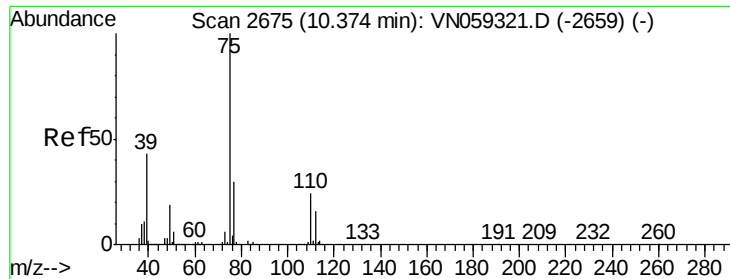
Tgt Ion: 43 Resp: 1446399
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.8 47.8



#52
 Toluene
 Concen: 50.187 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion: 92 Resp: 522343
 Ion Ratio Lower Upper
 92 100
 91 173.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 50.524 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

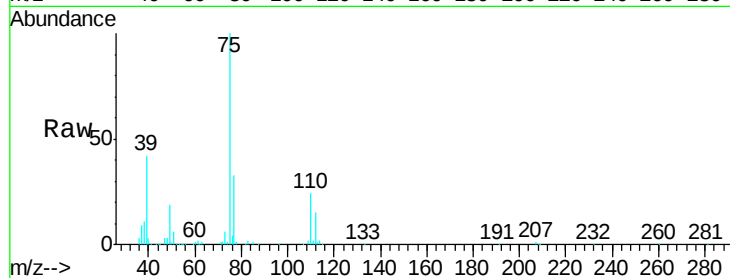
VSTDCCC050

Tgt Ion: 75 Resp: 333010

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

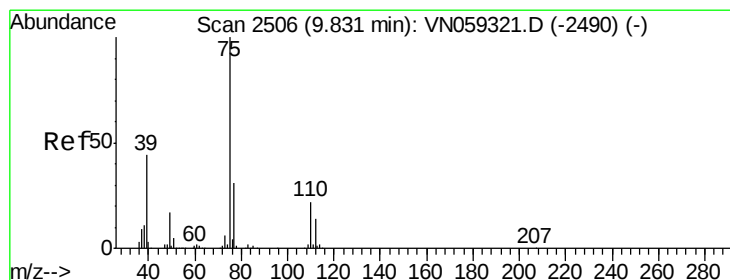
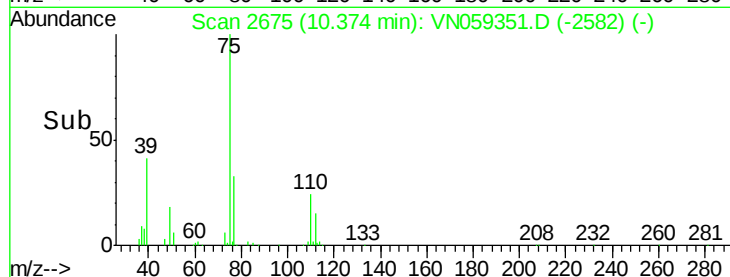
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.590 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

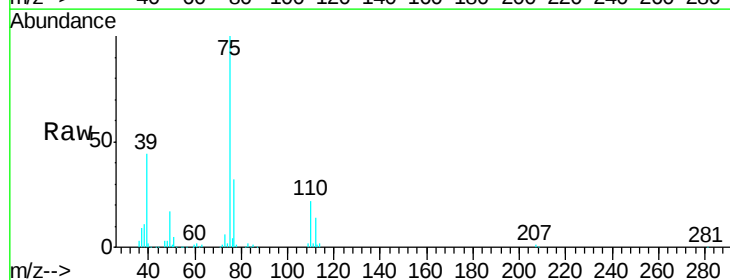
Tgt Ion: 75 Resp: 361833

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 44.0 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

250000

200000

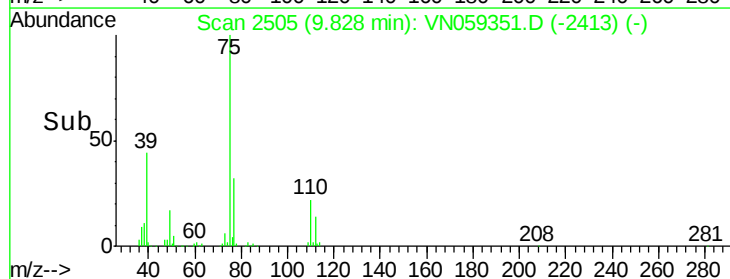
150000

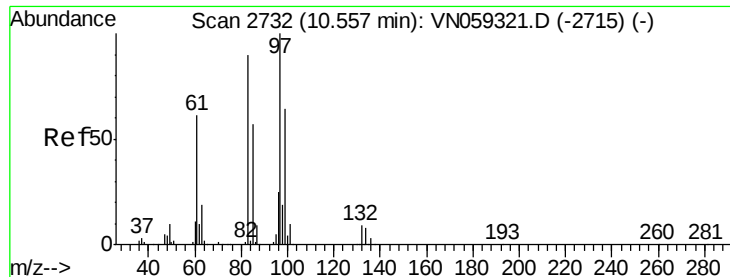
100000

50000

0

Time-->

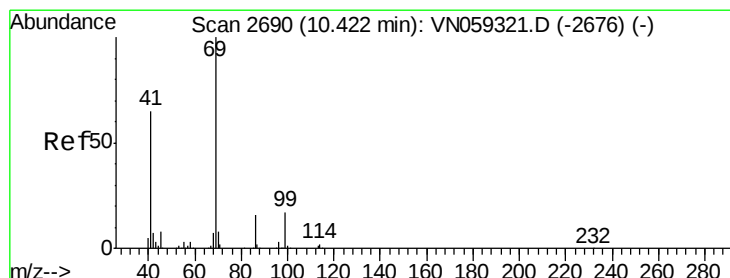
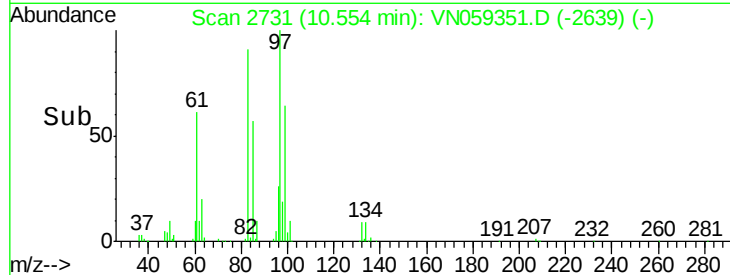
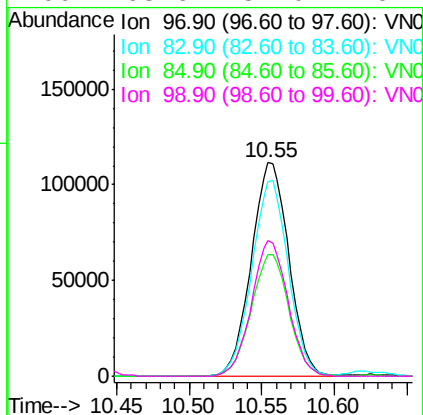
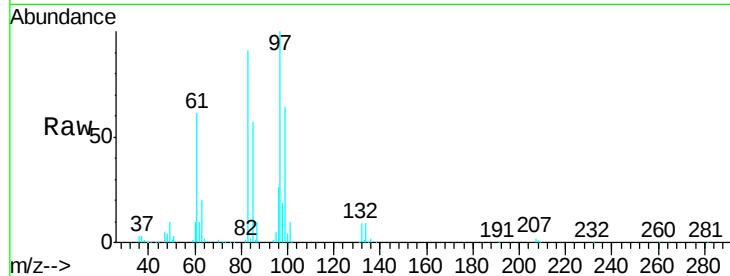




#55
 1,1,2-Trichloroethane
 Concen: 49.767 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

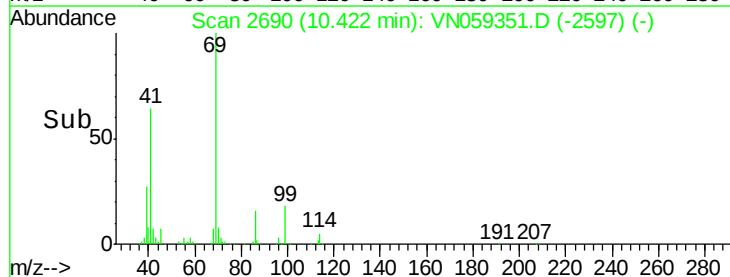
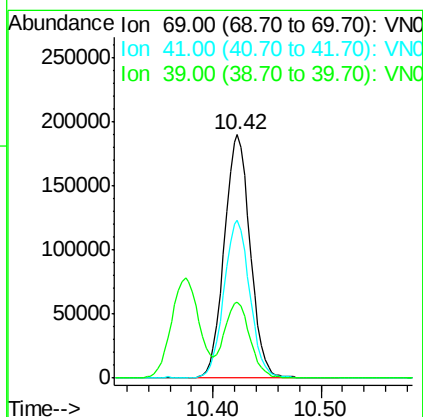
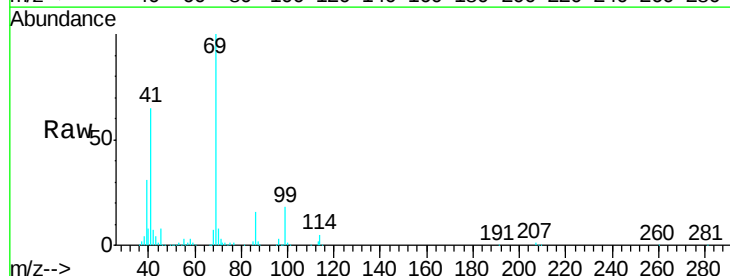
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

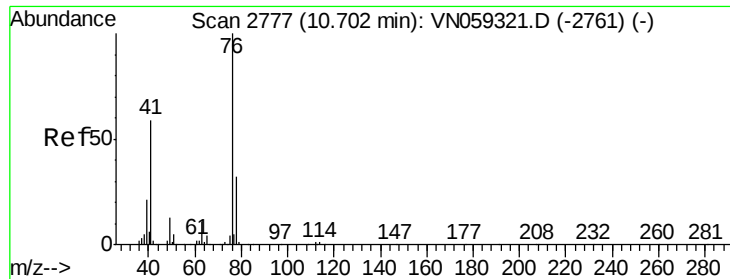
Tgt Ion:	97	Resp:	201392
Ion	Ratio	Lower	Upper
97	100		
83	91.3	72.0	108.0
85	56.8	45.8	68.6
99	63.6	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 46.664 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion:	69	Resp:	317877
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.7	77.5
39	30.7	25.2	37.8





#57

1,3-Dichloropropane

Concen: 49.765 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

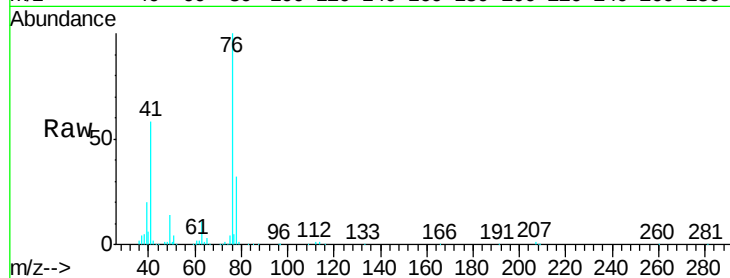
VSTDCCC050

Tgt Ion: 76 Resp: 350992

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

200000

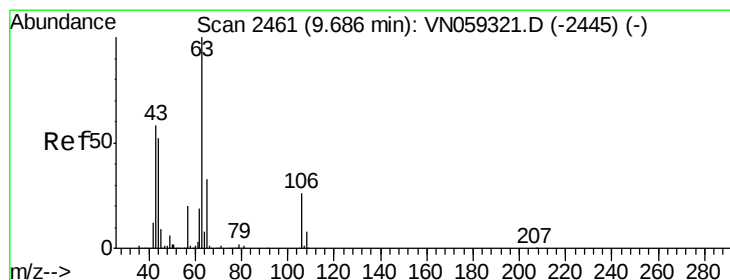
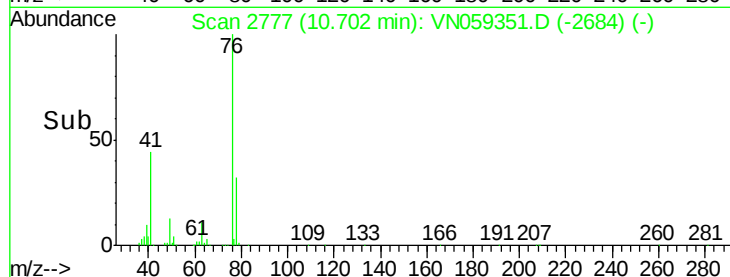
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 167.966 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059351.D

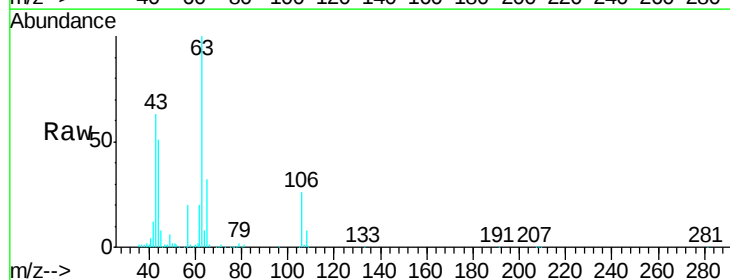
Acq: 22 Nov 2019 9:36

Tgt Ion: 63 Resp: 400721

Ion Ratio Lower Upper

63 100

106 25.8 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

250000

200000

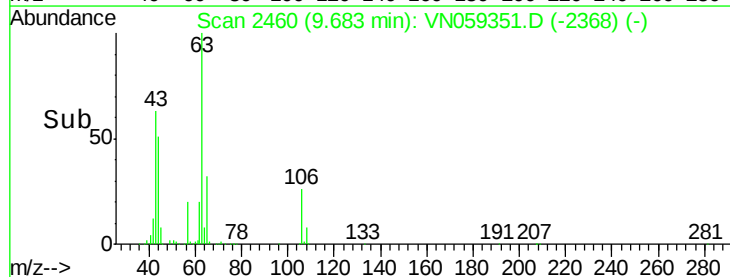
150000

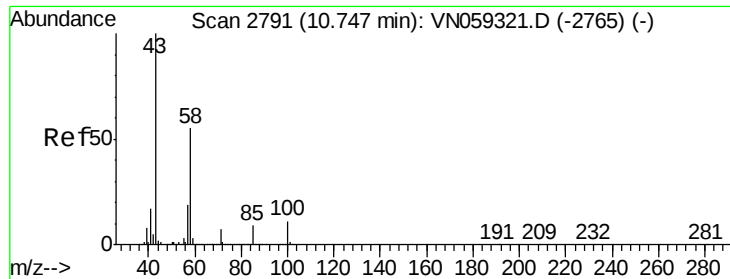
100000

50000

0

Time-->

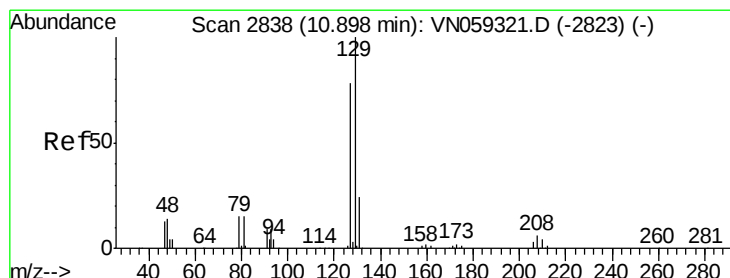
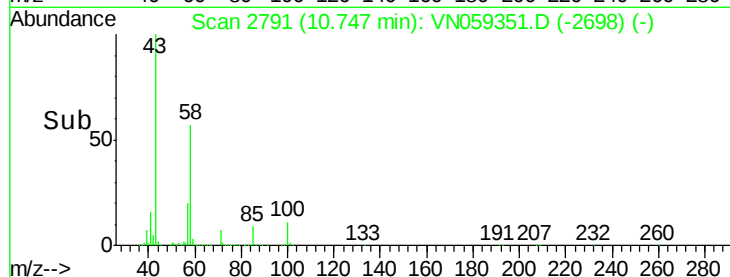
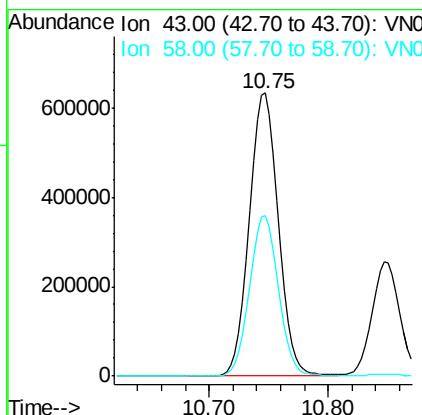
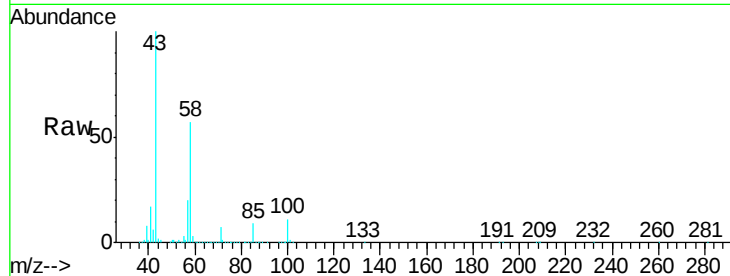




#59
2-Hexanone
Concen: 258.367 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

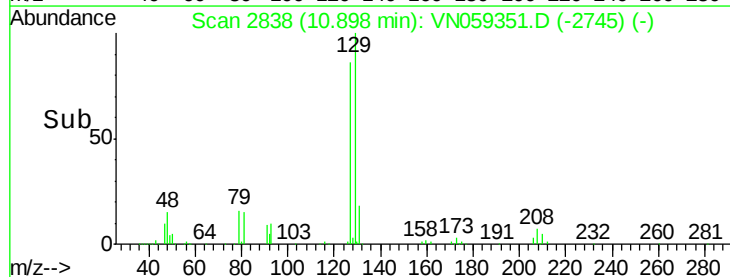
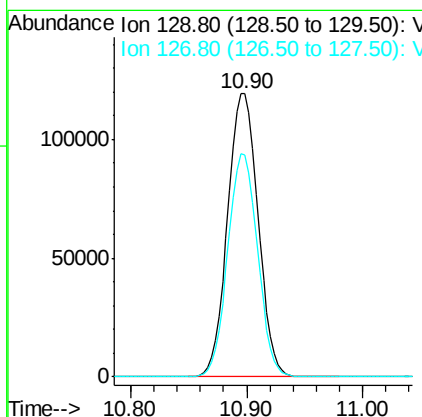
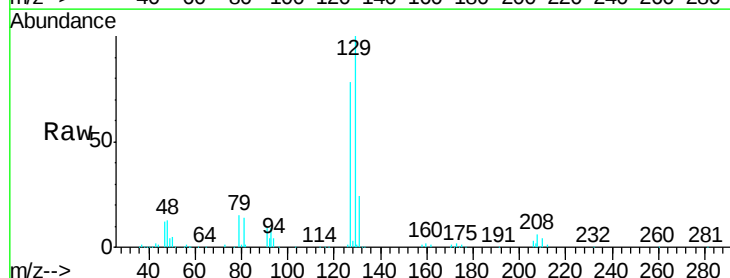
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

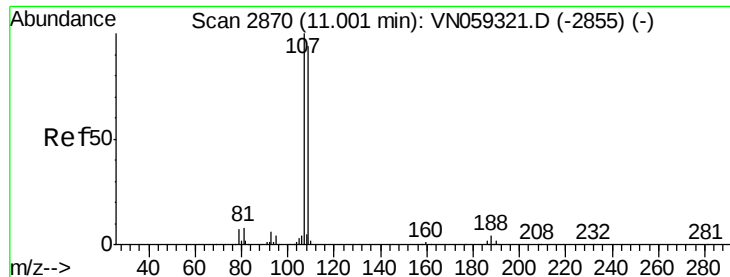
Tgt Ion: 43 Resp: 1072658
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.0



#60
Dibromochloromethane
Concen: 51.082 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 129 Resp: 217826
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.952 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

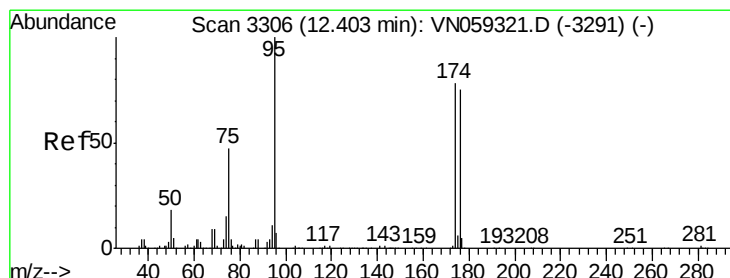
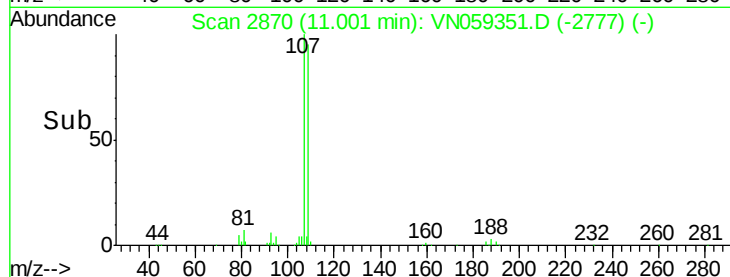
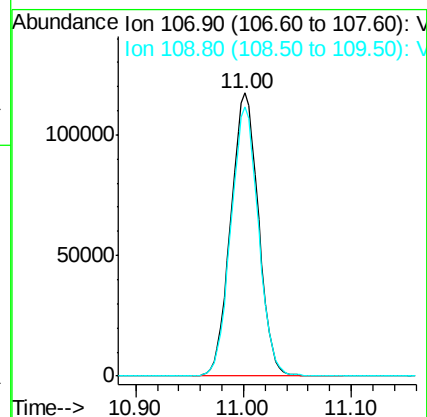
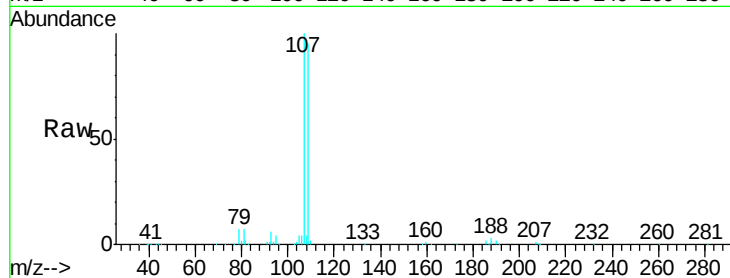
VSTDCCC050

Tgt Ion: 107 Resp: 210327

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.569 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

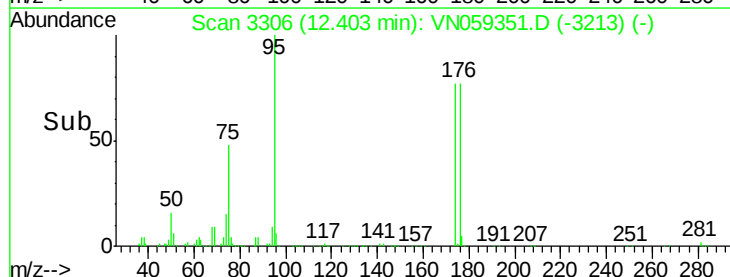
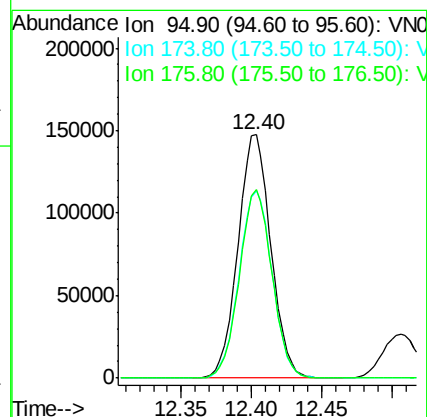
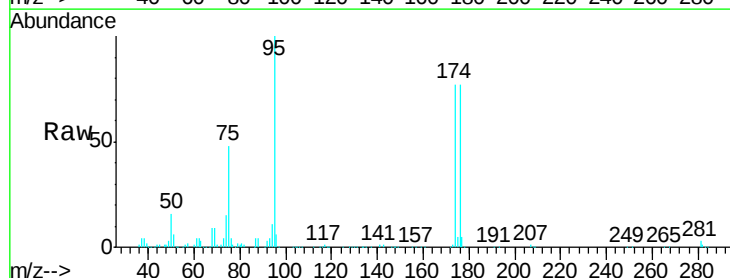
Tgt Ion: 95 Resp: 240913

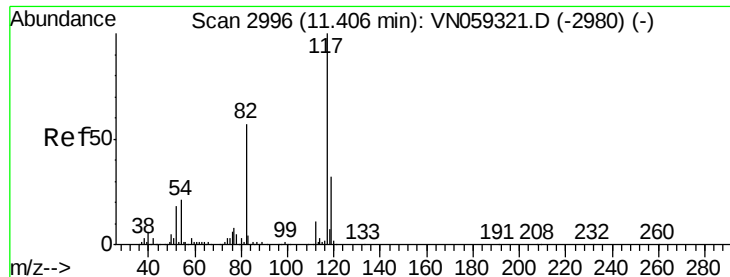
Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.4

176 77.0 0.0 151.2

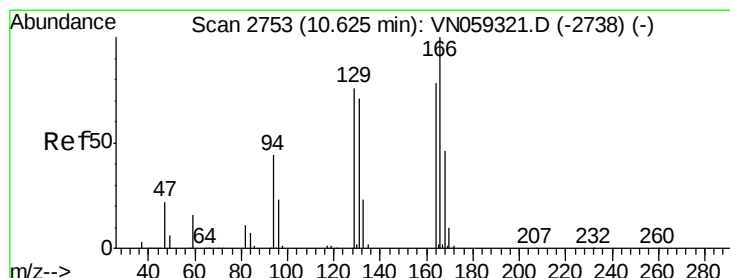
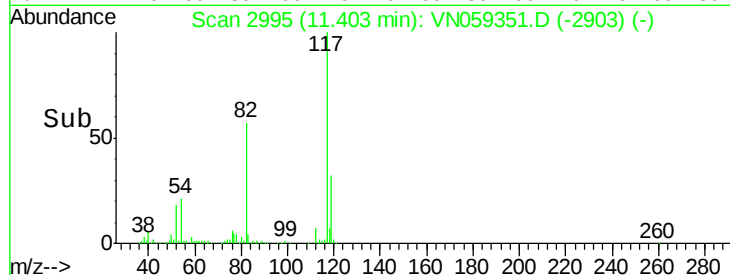
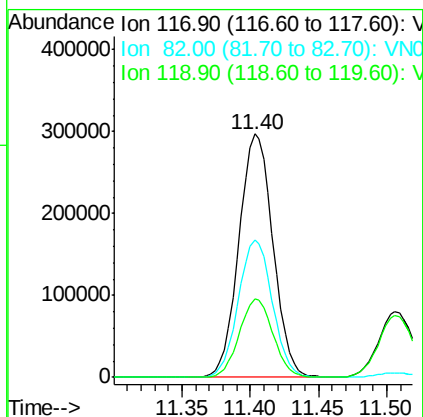
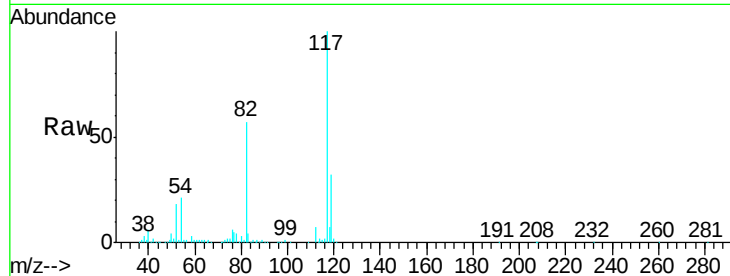




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

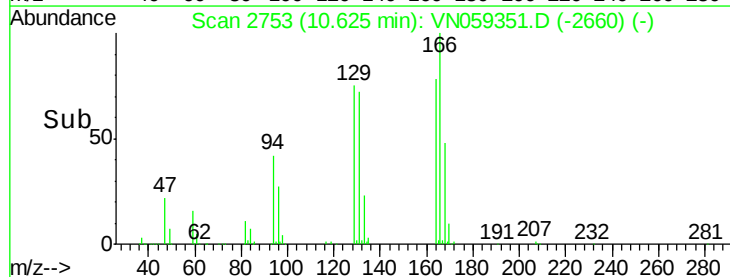
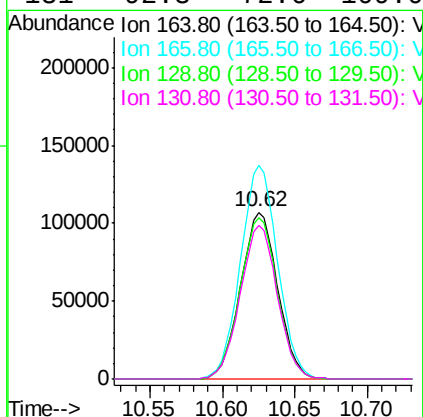
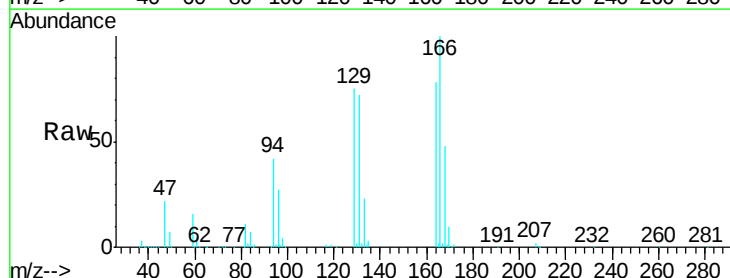
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

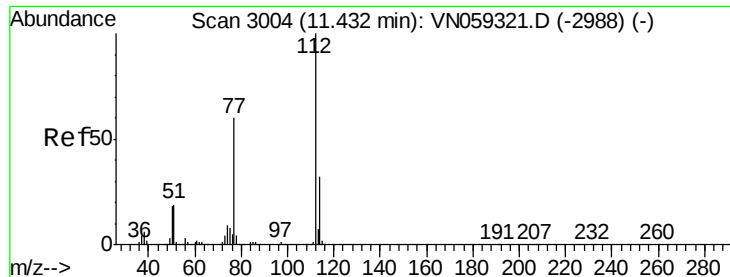
Tgt Ion:117 Resp: 516241
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 47.804 ug/l
RT: 10.62 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion:164 Resp: 190867
Ion Ratio Lower Upper
164 100
166 128.3 102.9 154.3
129 96.6 78.2 117.2
131 92.3 72.6 109.0

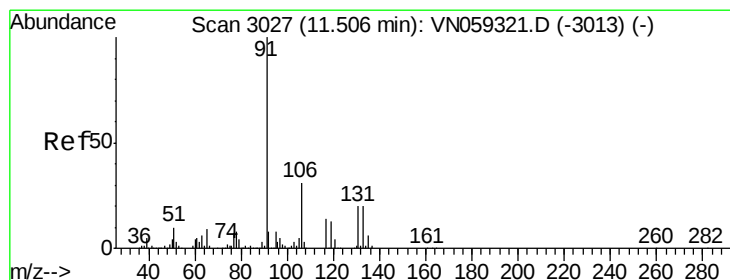
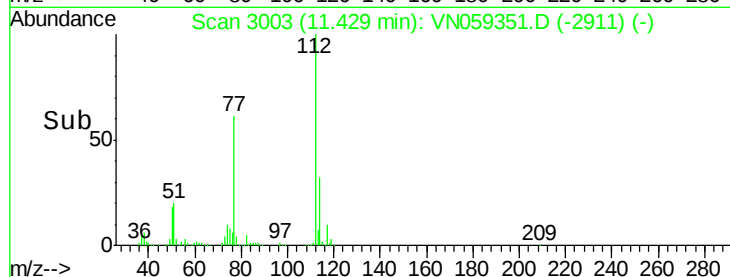
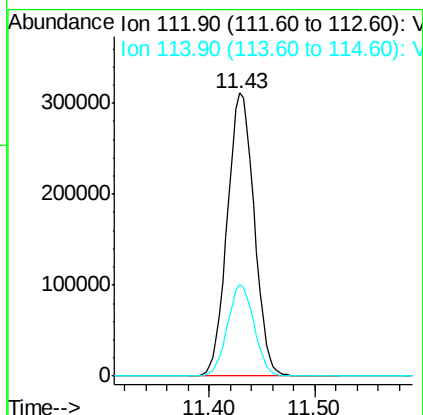
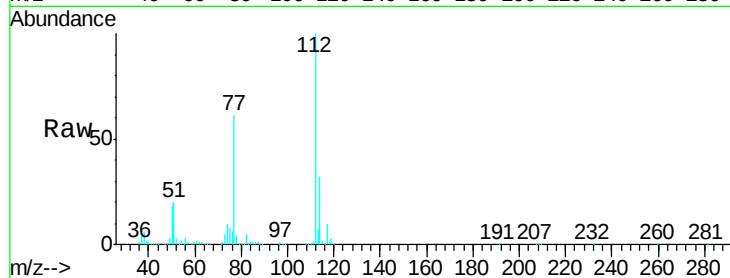




#65
Chlorobenzene
Concen: 49.400 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

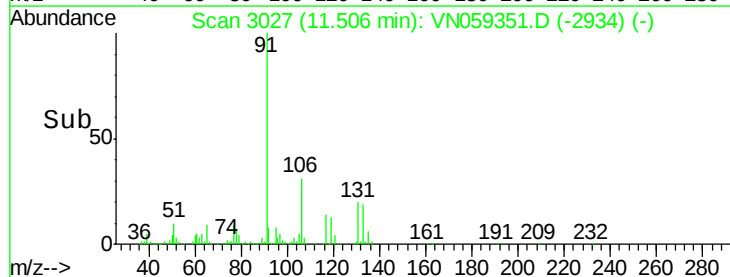
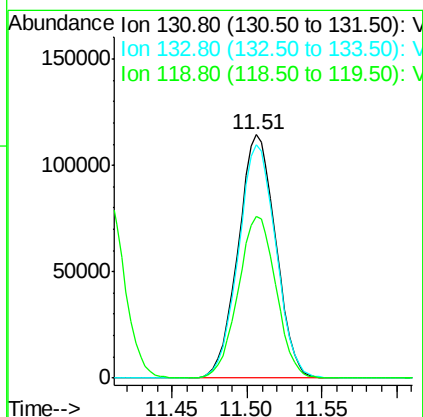
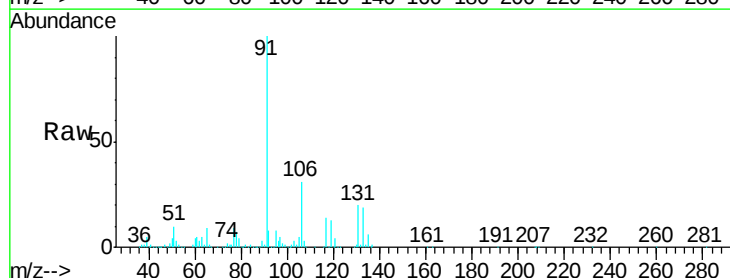
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 548350
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.590 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion:131 Resp: 199975
Ion Ratio Lower Upper
131 100
133 95.4 48.2 144.6
119 66.8 33.6 100.6

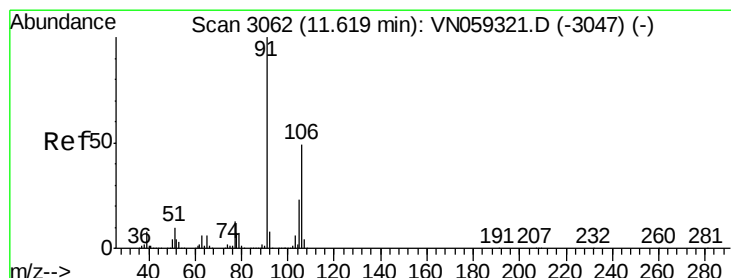
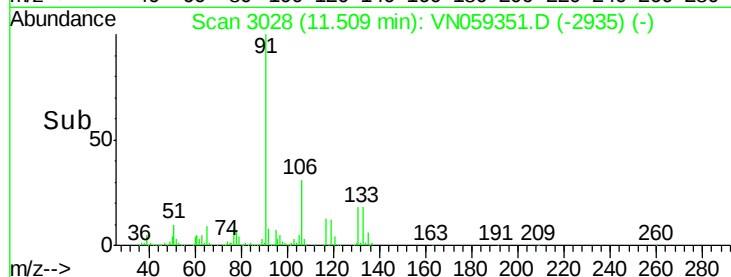
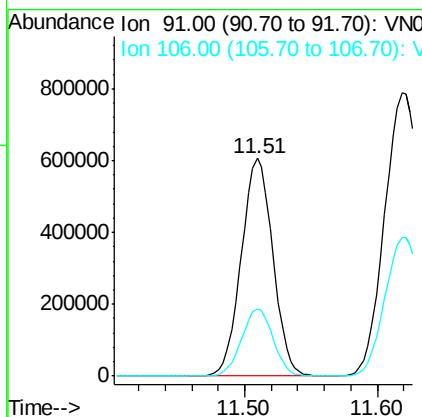
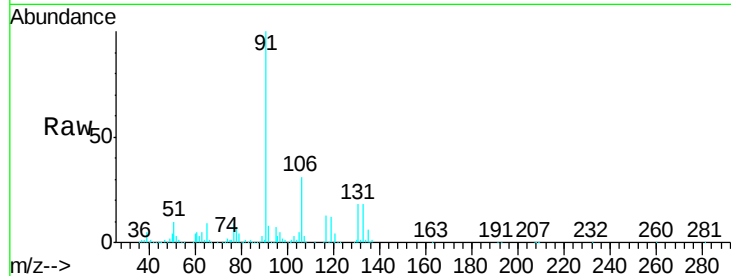




#67
Ethyl Benzene
Concen: 50.565 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

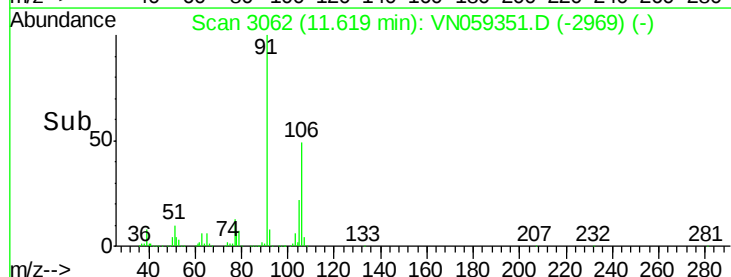
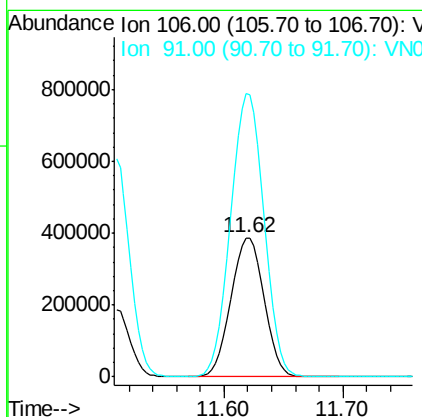
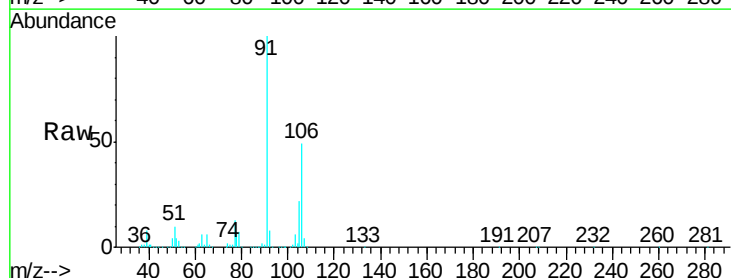
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

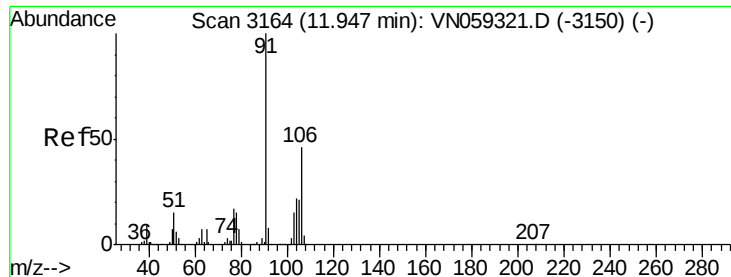
Tgt Ion: 91 Resp: 1002170
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 101.954 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 106 Resp: 750846
Ion Ratio Lower Upper
106 100
91 204.3 163.2 244.8

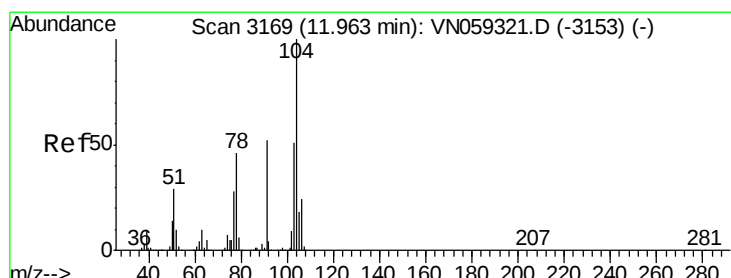
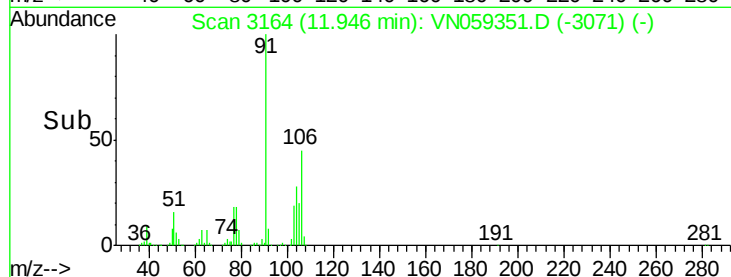
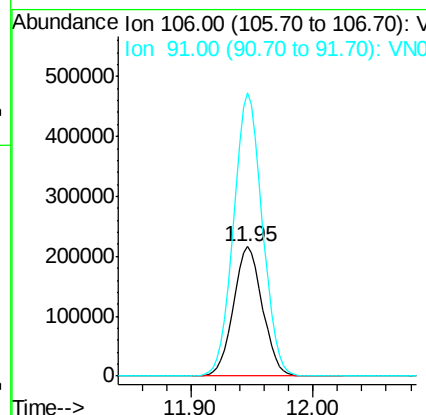
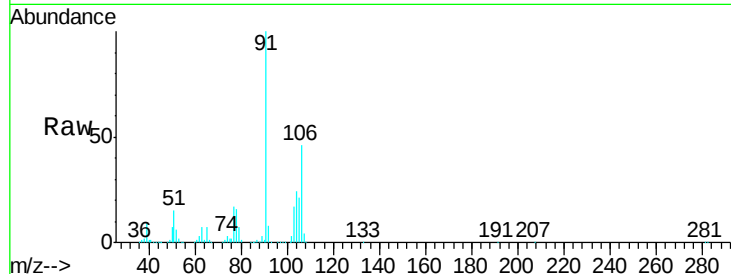




#69
o-Xylene
Concen: 50.777 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

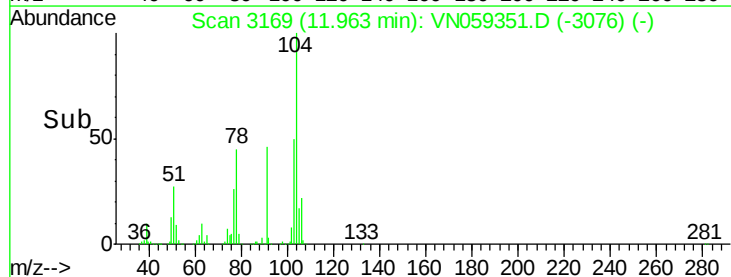
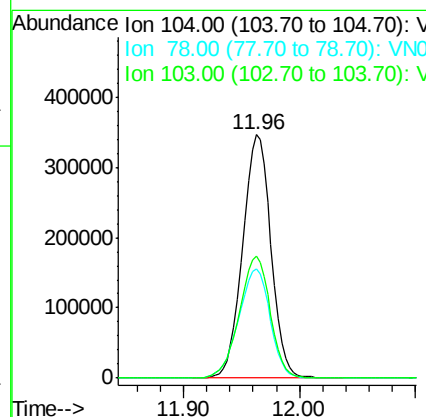
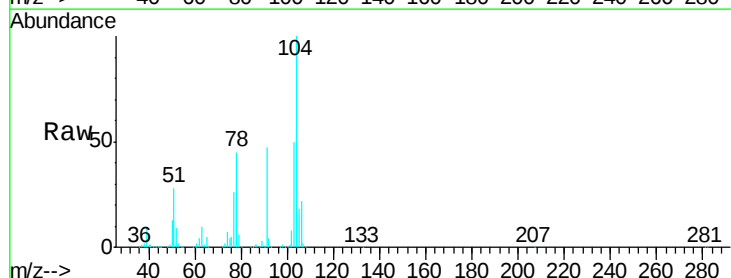
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

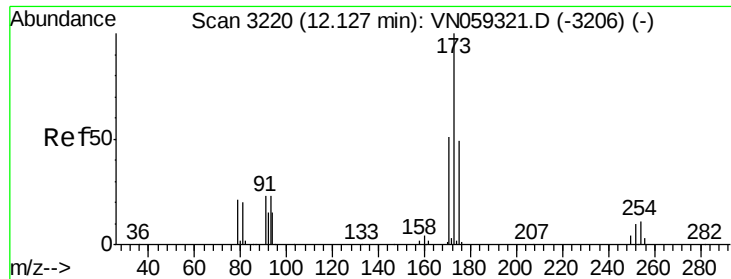
Tgt Ion:106 Resp: 358000
Ion Ratio Lower Upper
106 100
91 217.0 109.3 327.9



#70
Styrene
Concen: 52.817 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion:104 Resp: 587582
Ion Ratio Lower Upper
104 100
78 50.1 40.3 60.5
103 54.7 43.6 65.4





#71

Bromoform

Concen: 51.171 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

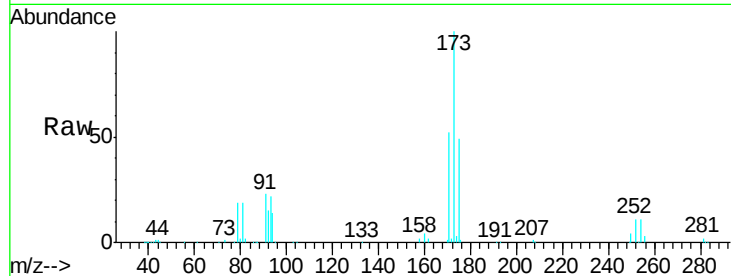
Tgt Ion:173 Resp: 156277

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

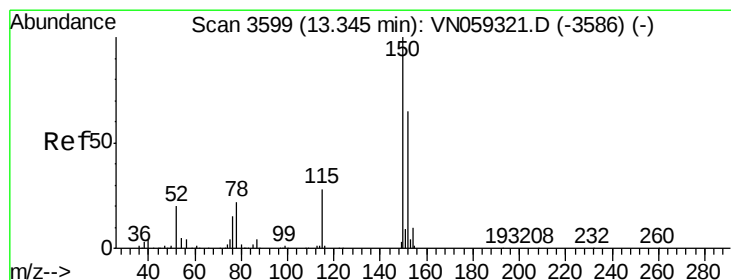
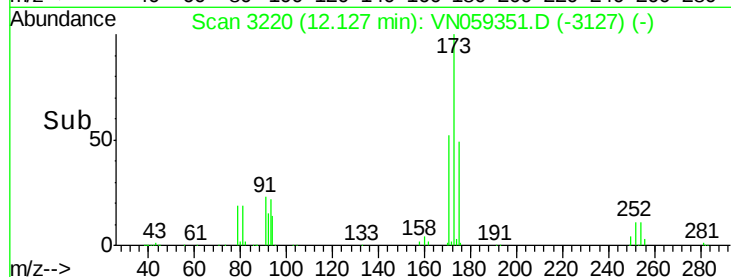
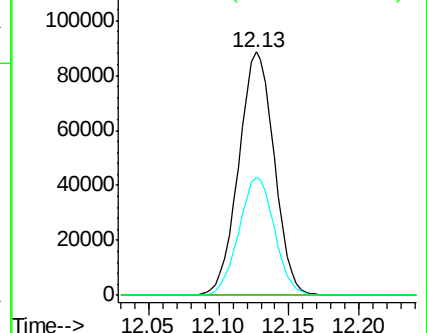
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

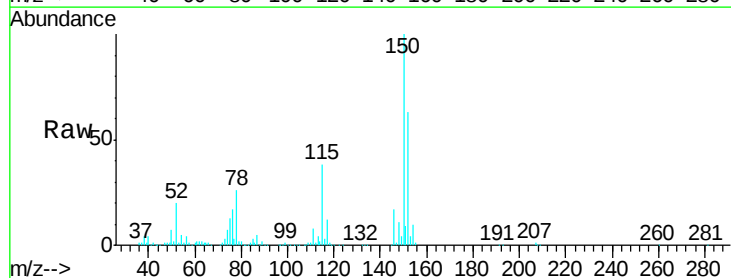
Tgt Ion:152 Resp: 244220

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

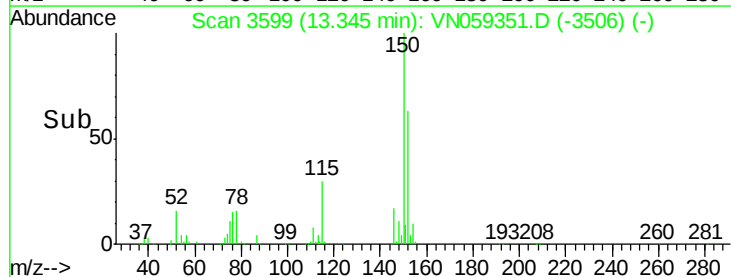
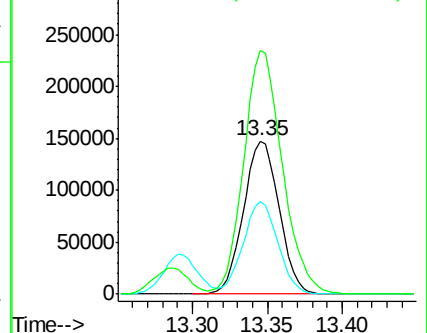
150 172.3 0.0 346.0

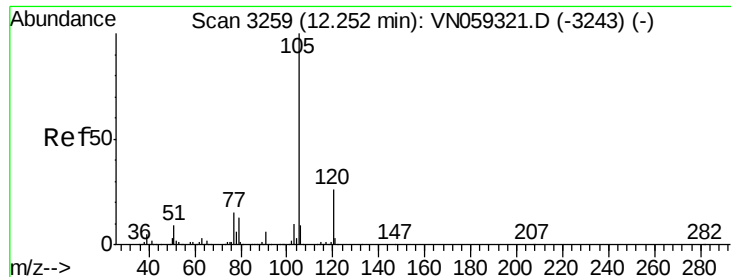


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.388 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

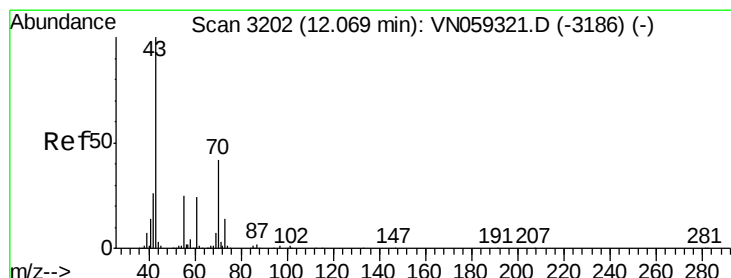
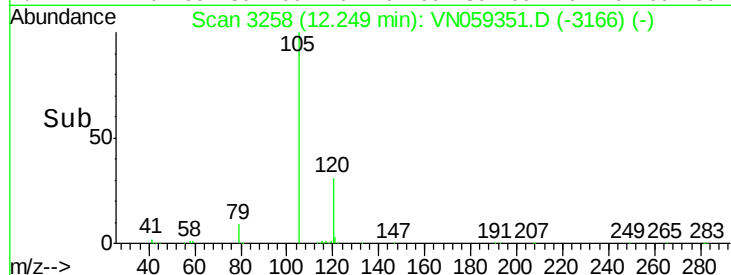
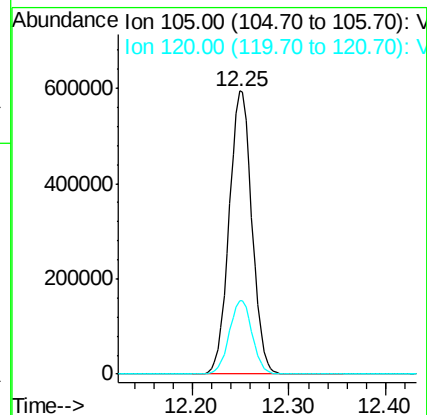
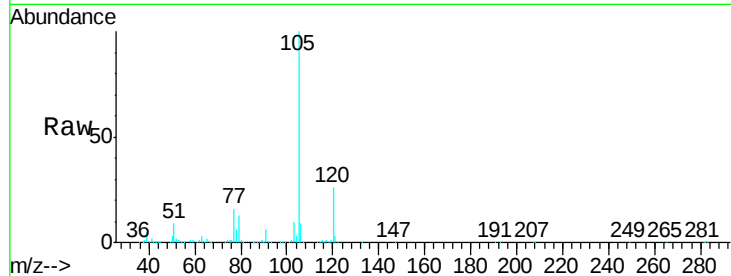
VSTDCCC050

Tgt Ion: 105 Resp: 968059

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 47.659 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Tgt Ion: 43 Resp: 383187

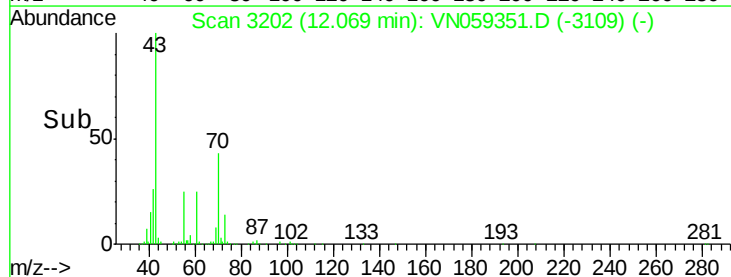
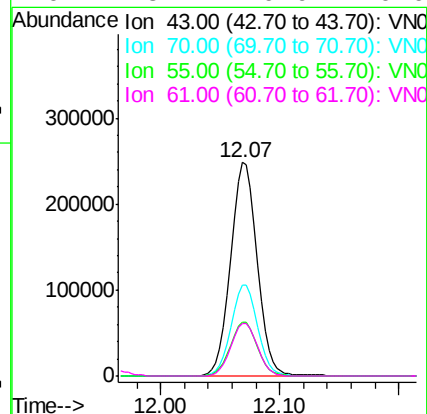
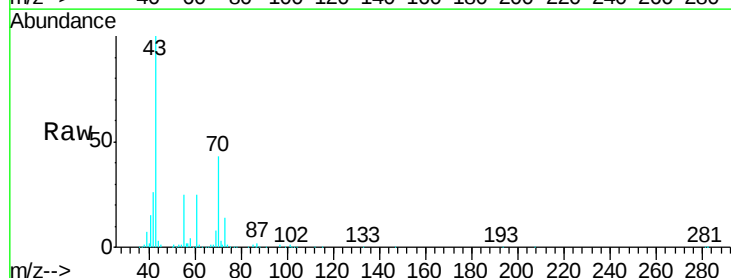
Ion Ratio Lower Upper

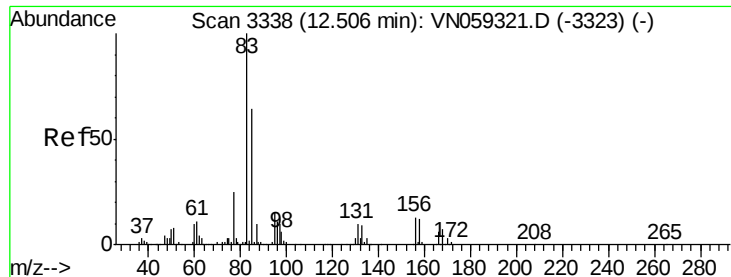
43 100

70 42.6 33.8 50.6

55 25.9 20.3 30.5

61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.929 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

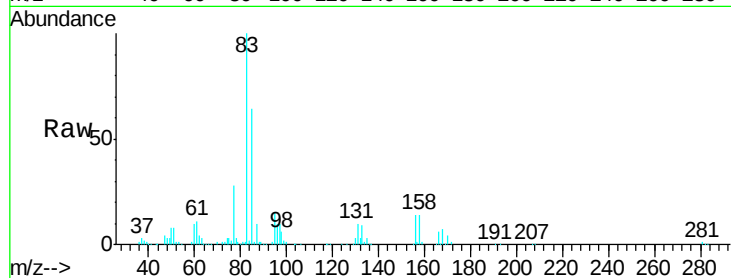
Tgt Ion: 83 Resp: 303957

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

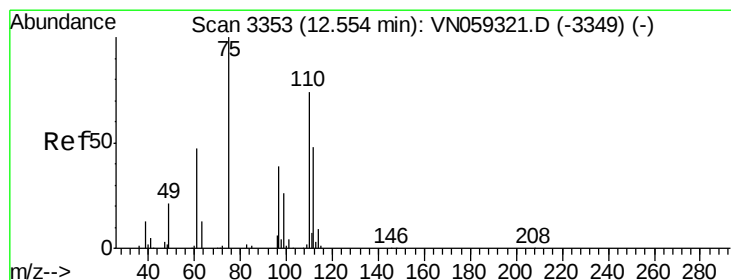
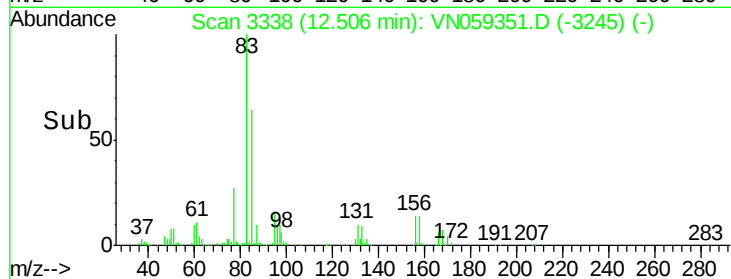
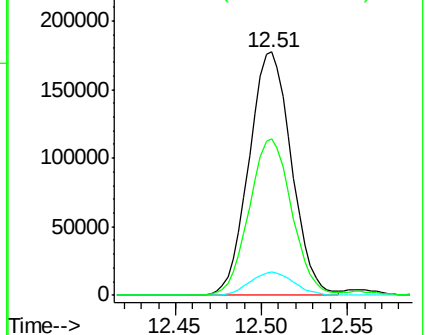
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 71.574 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN059351.D

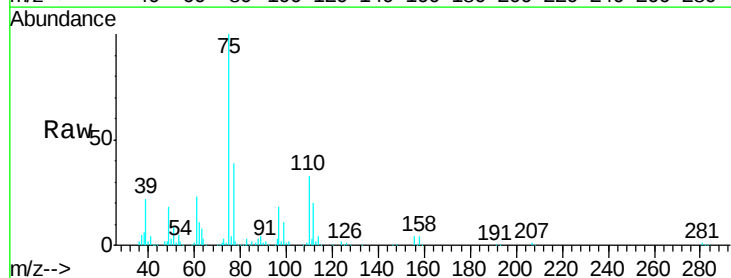
Acq: 22 Nov 2019 9:36

Tgt Ion: 75 Resp: 403825

Ion Ratio Lower Upper

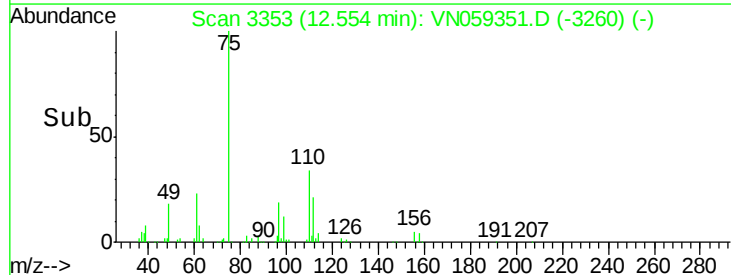
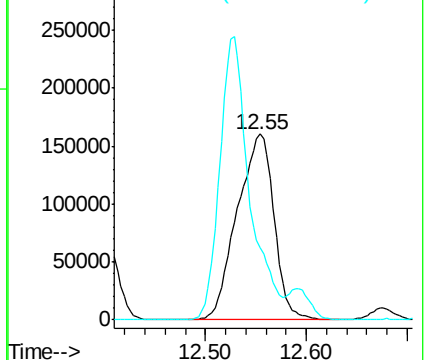
75 100

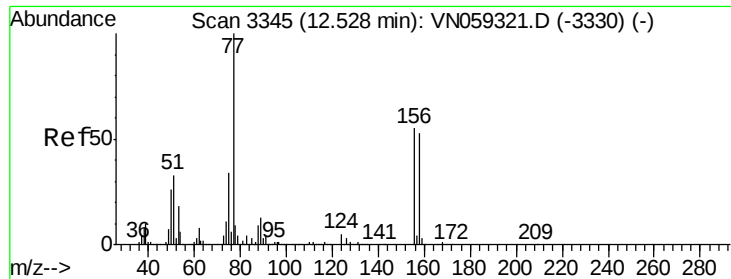
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

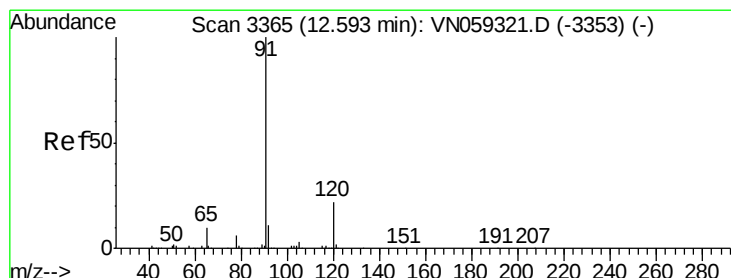
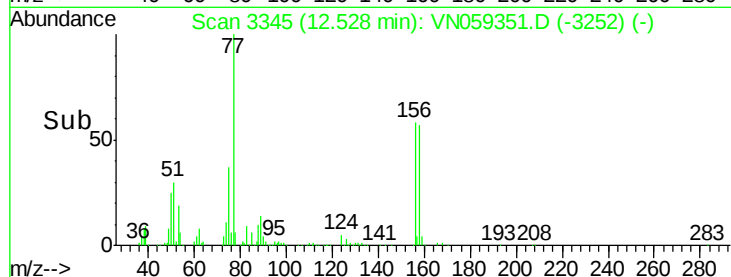
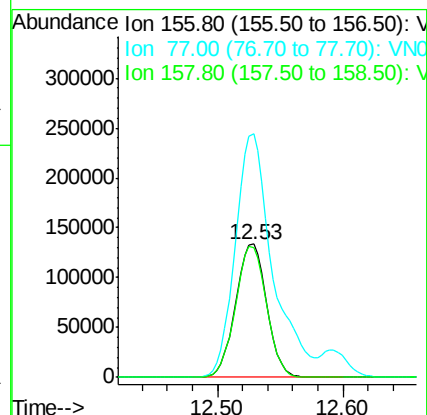
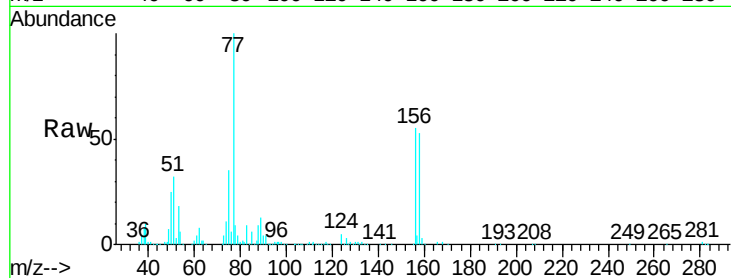




#77
Bromobenzene
Concen: 47.354 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

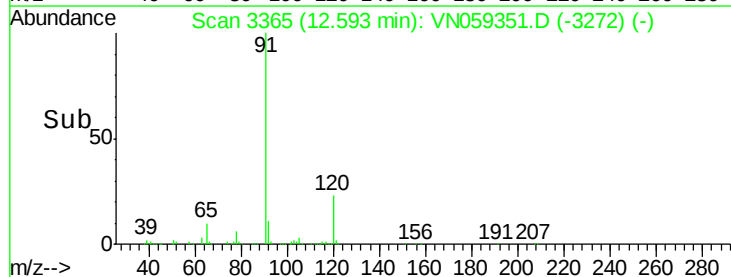
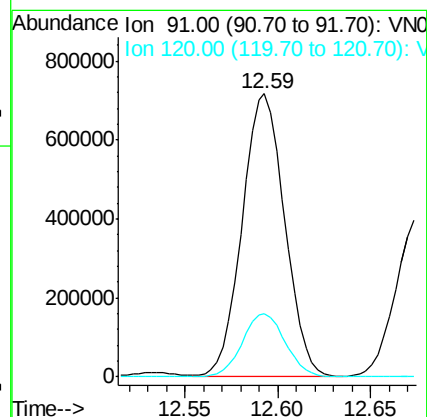
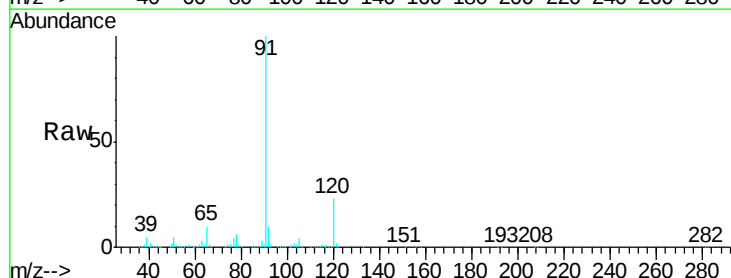
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

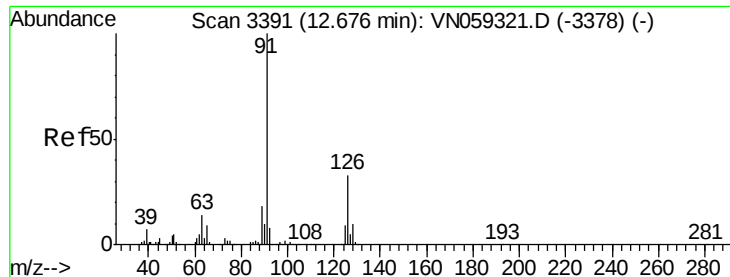
Tgt Ion:156 Resp: 229785
Ion Ratio Lower Upper
156 100
77 219.8 111.1 333.4
158 98.1 47.8 143.4



#78
n-propylbenzene
Concen: 50.077 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 91 Resp: 1134839
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 47.474 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

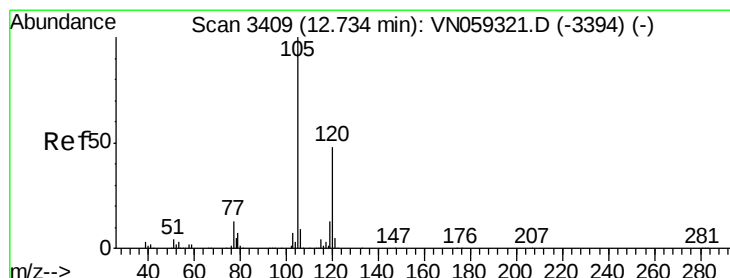
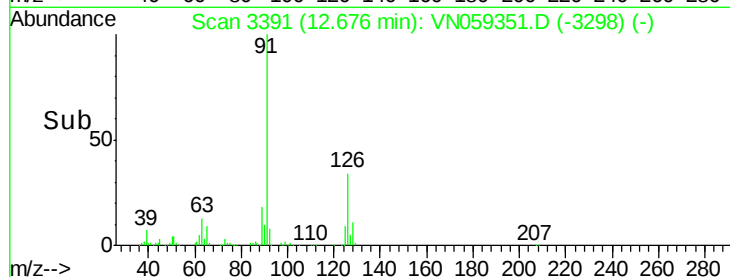
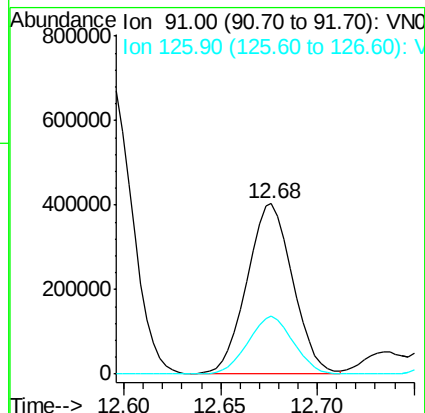
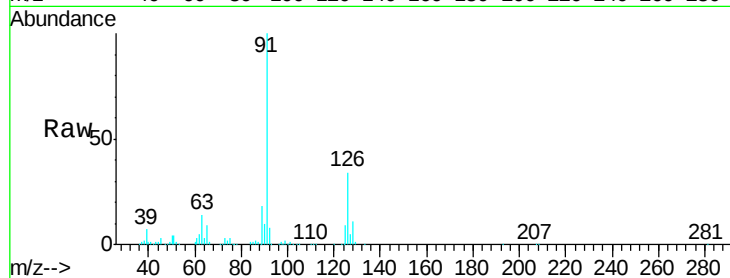
VSTDCCC050

Tgt Ion: 91 Resp: 660359

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 48.778 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059351.D

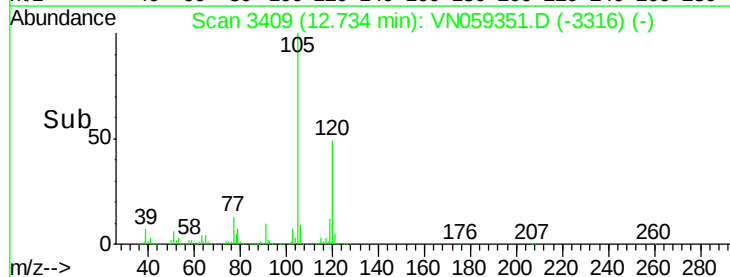
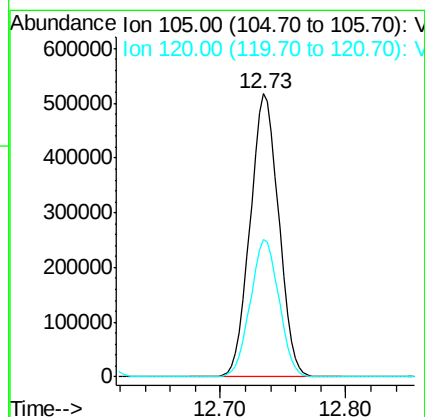
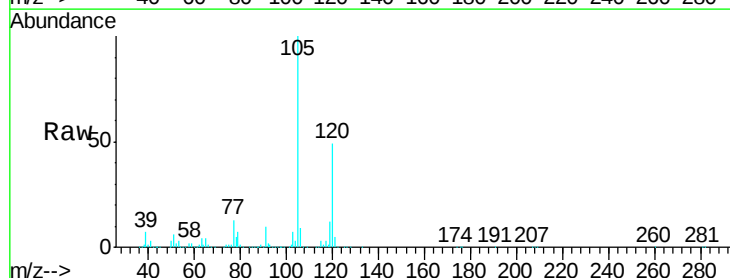
Acq: 22 Nov 2019 9:36

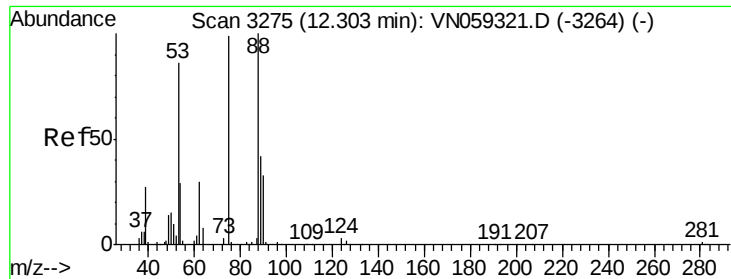
Tgt Ion: 105 Resp: 820347

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.338 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

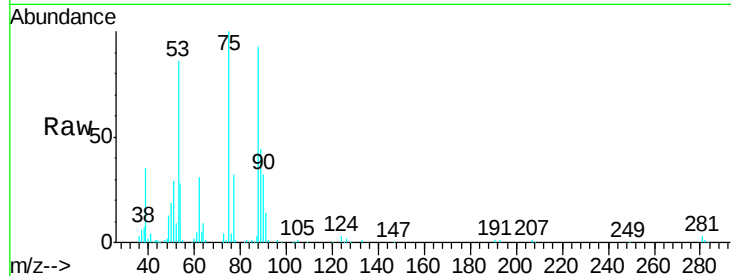
Tgt Ion: 75 Resp: 111297

Ion Ratio Lower Upper

75 100

53 85.1 70.7 106.1

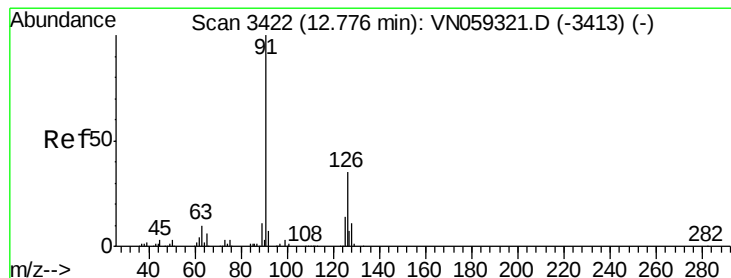
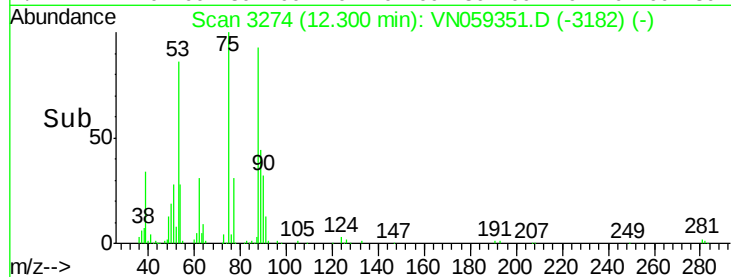
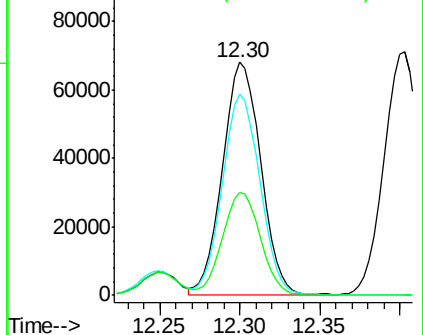
89 44.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.406 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN059351.D

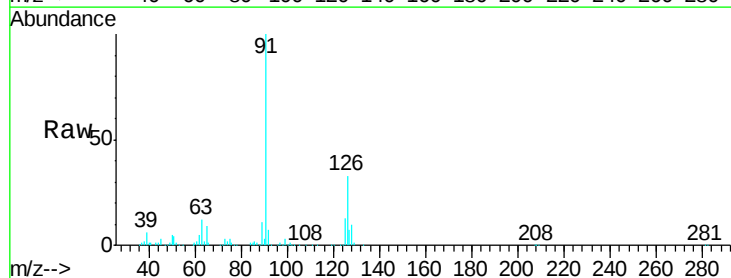
Acq: 22 Nov 2019 9:36

Tgt Ion: 91 Resp: 682375

Ion Ratio Lower Upper

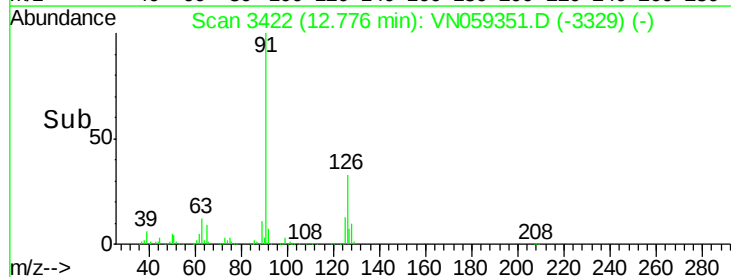
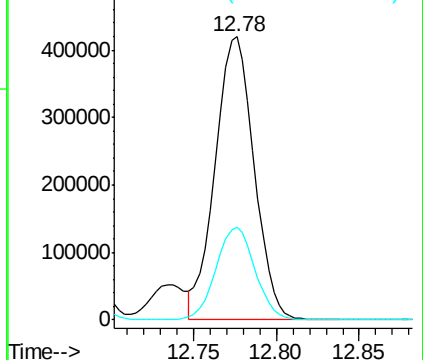
91 100

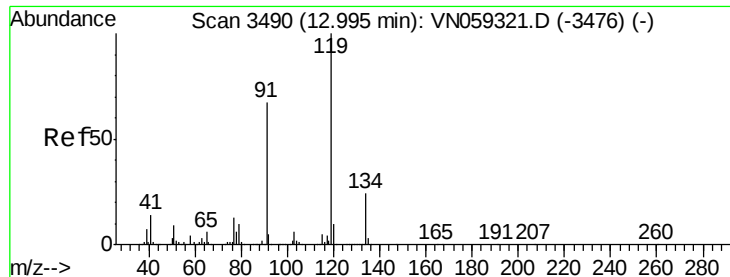
126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

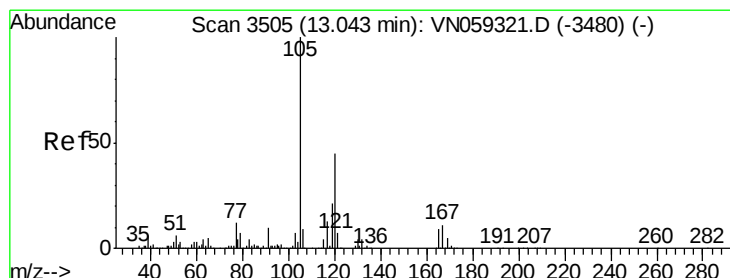
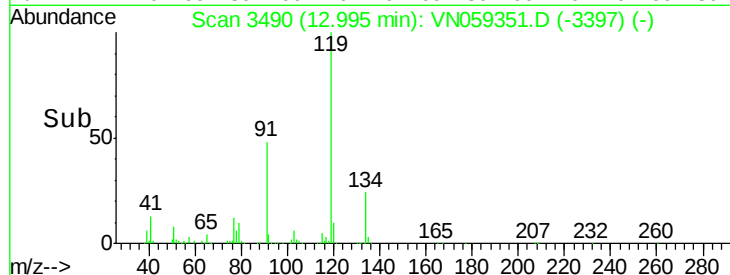
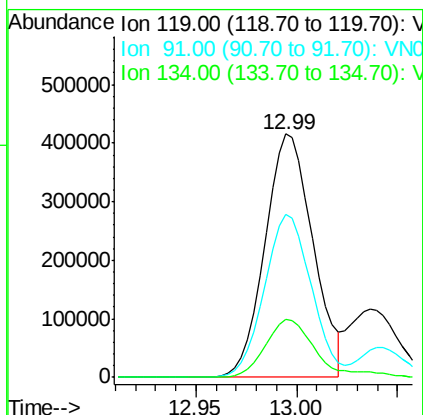
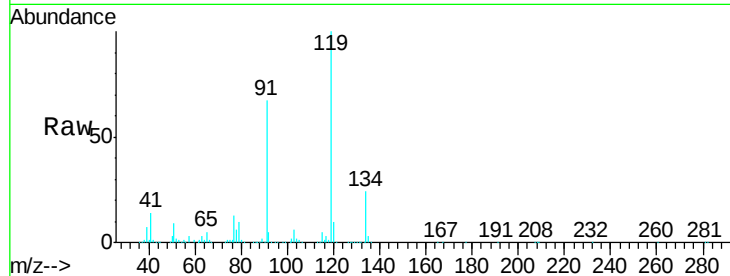




#83
 tert-Butylbenzene
 Concen: 48.422 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

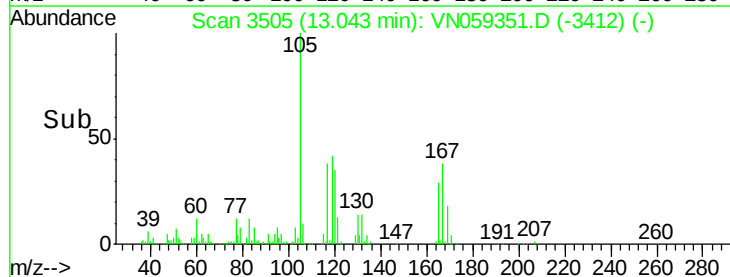
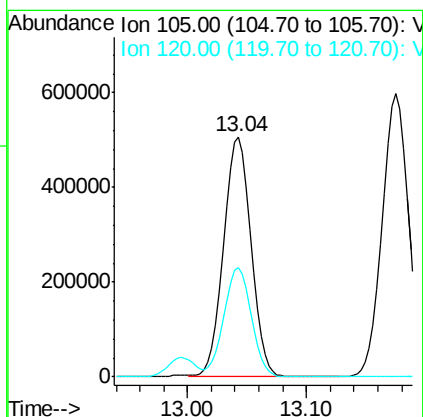
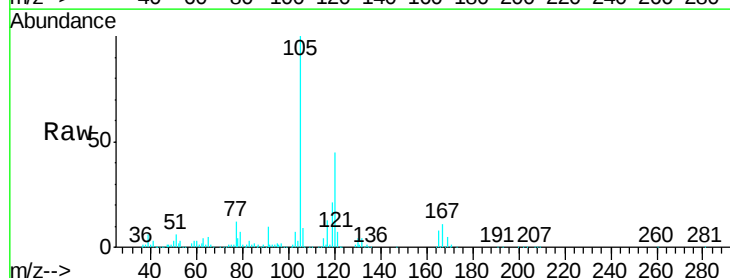
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

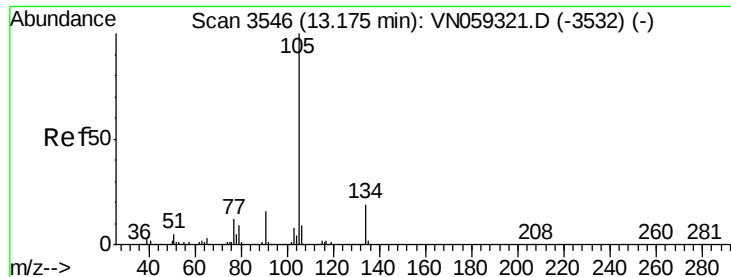
Tgt Ion:119 Resp: 687778
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.8 98.4
 134 25.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.260 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion:105 Resp: 811524
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8

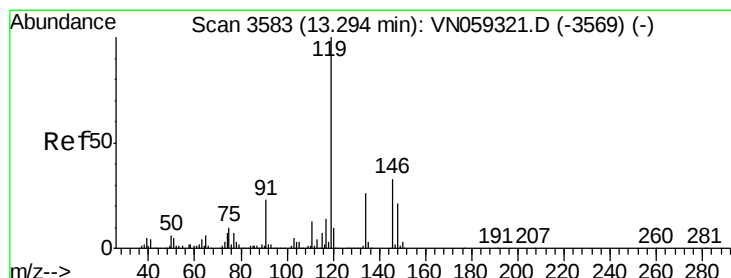
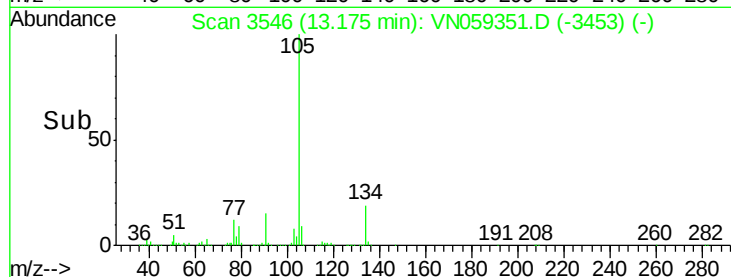
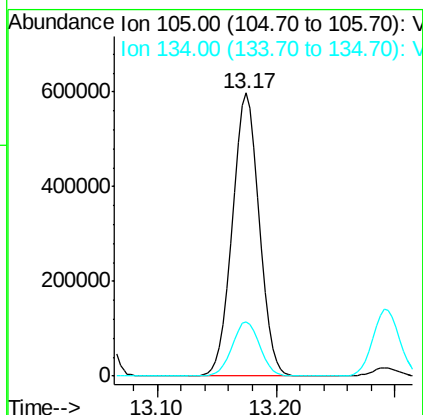
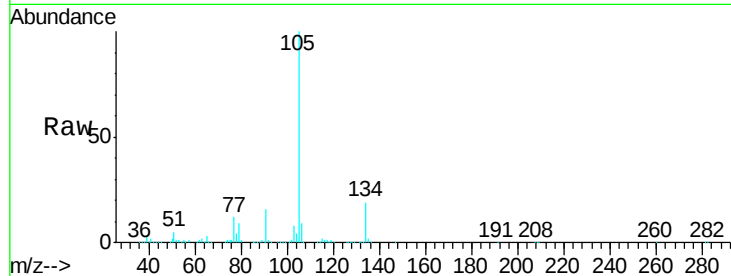




#85
 sec-Butylbenzene
 Concen: 48.815 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

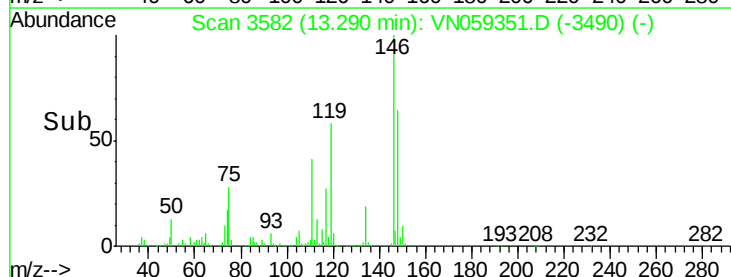
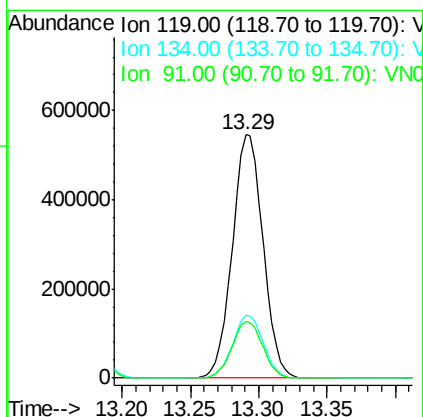
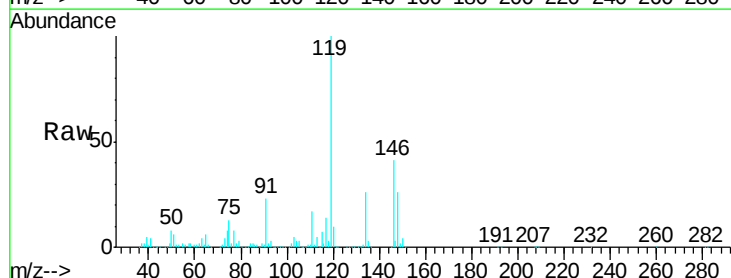
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 931917
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.046 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion:119 Resp: 850183
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.3 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 47.895 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

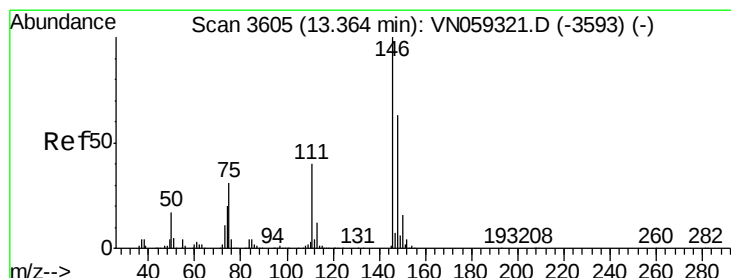
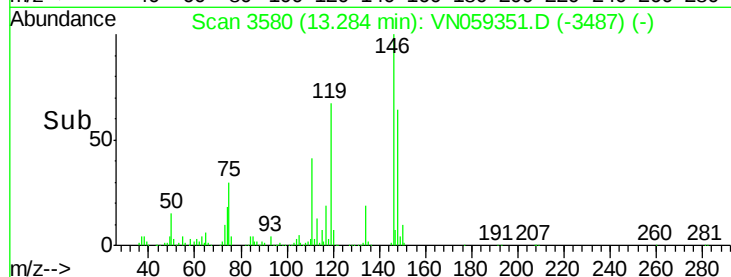
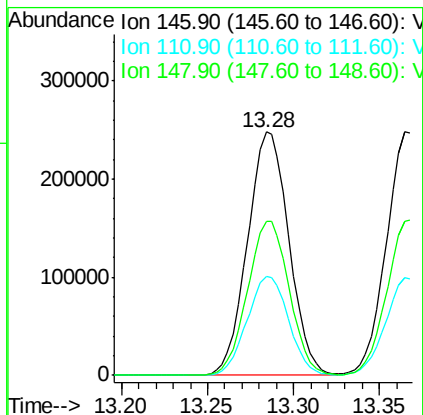
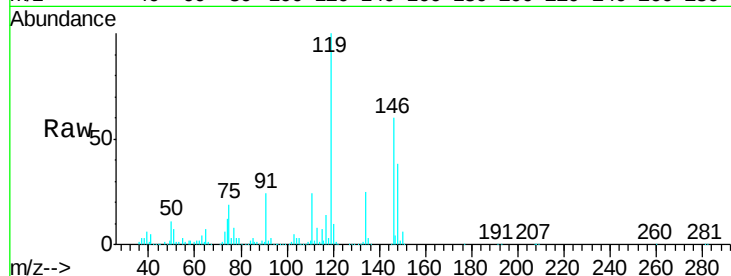
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	413888
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	63.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 47.825 ug/l

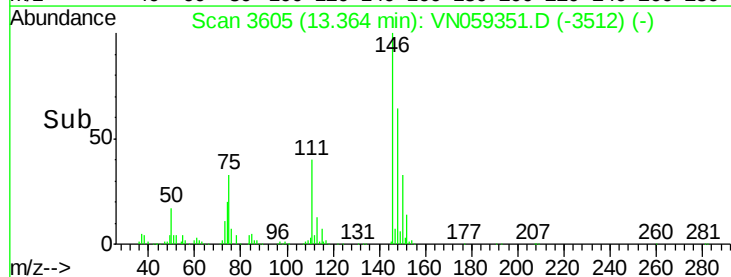
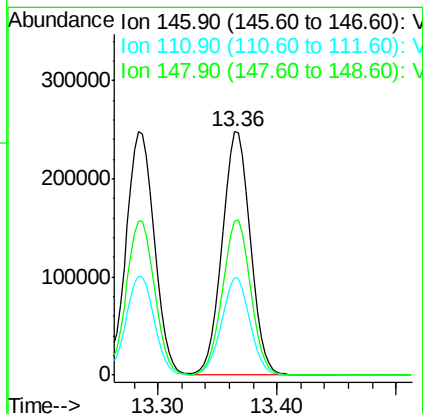
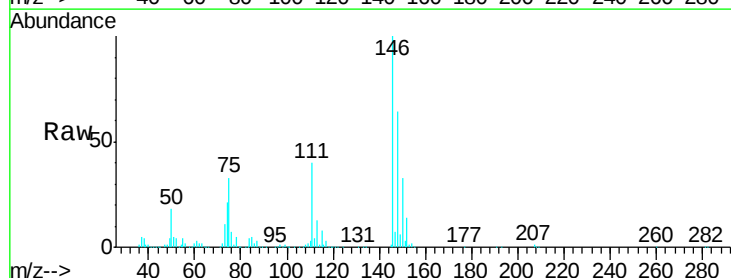
RT: 13.36 min Scan# 3605

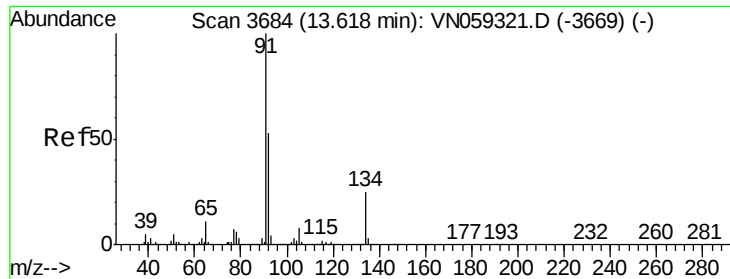
Delta R.T. -0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Tgt Ion:	146	Resp:	408908
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.3
148	63.3	31.7	95.1

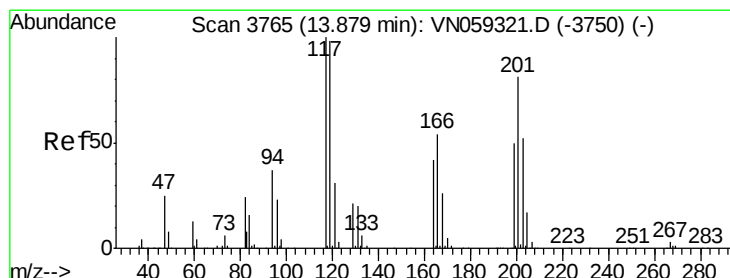
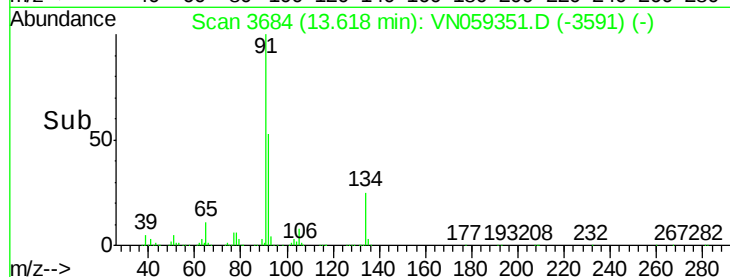
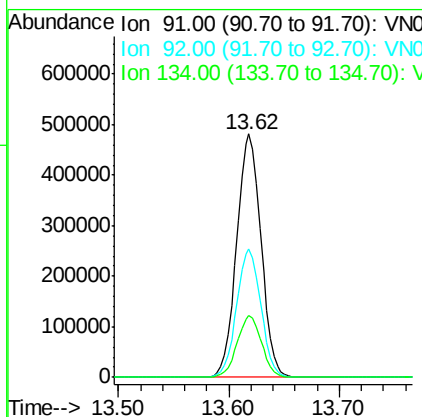
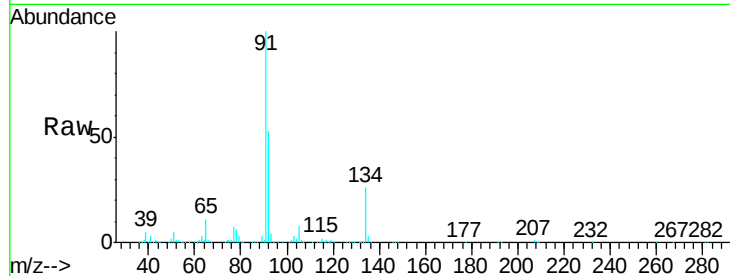




#89
n-Butylbenzene
Concen: 49.492 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

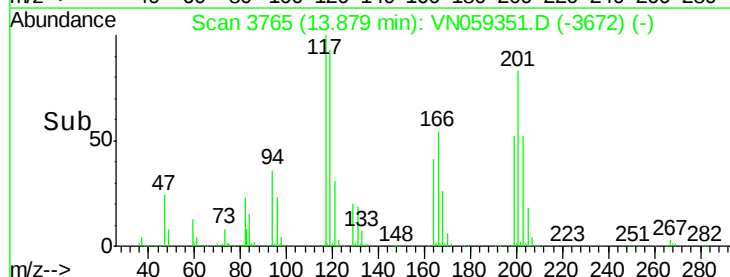
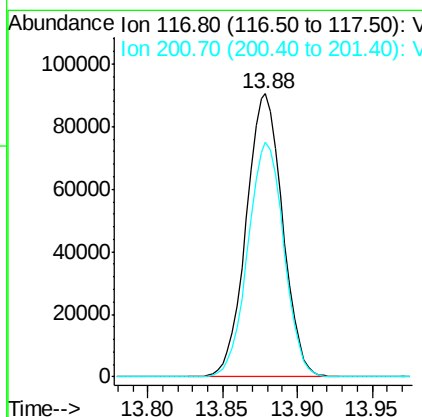
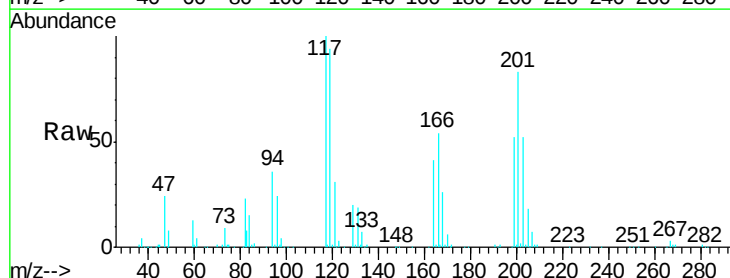
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

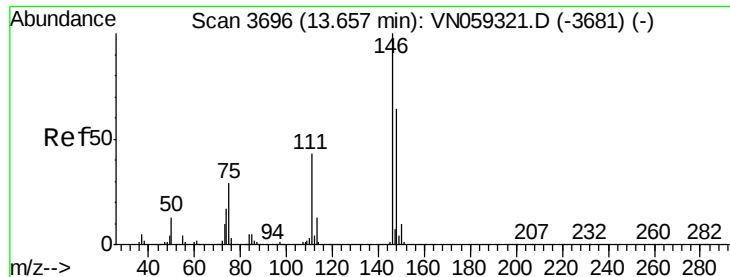
Tgt Ion: 91 Resp: 737545
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 47.531 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN059351.D
Acq: 22 Nov 2019 9:36

Tgt Ion: 117 Resp: 152919
Ion Ratio Lower Upper
117 100
201 82.0 40.4 121.2

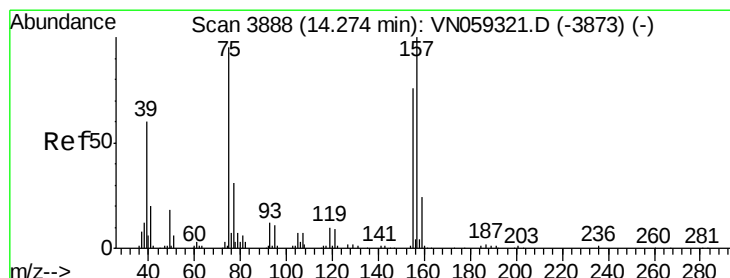
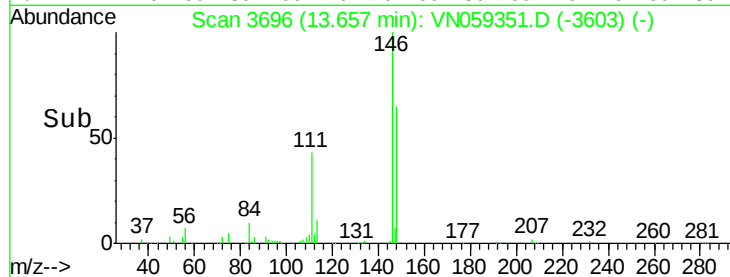
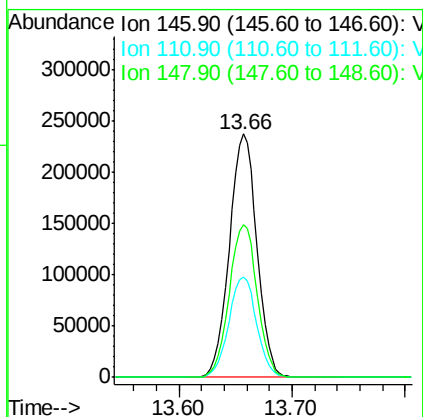
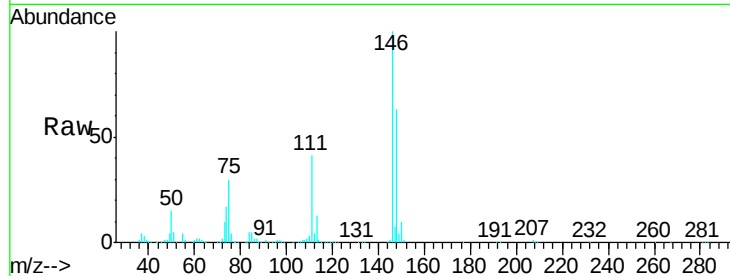




#91
 1,2-Dichlorobenzene
 Concen: 48.011 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

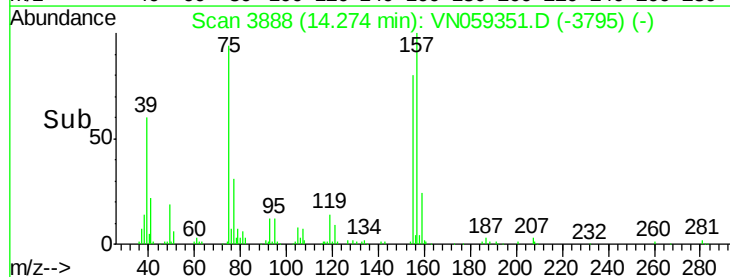
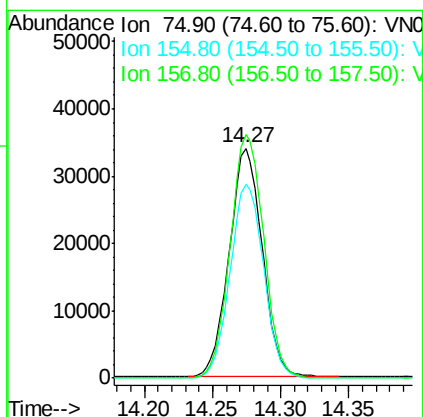
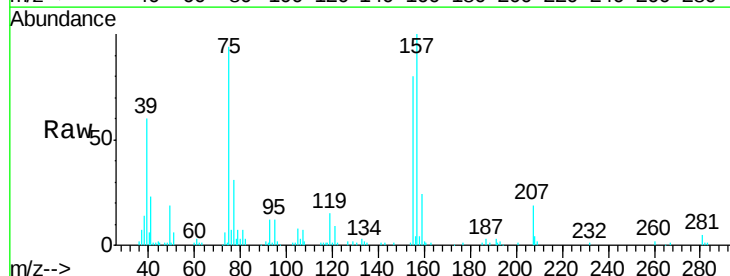
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

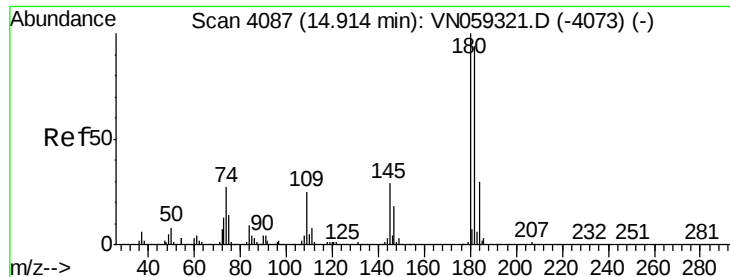
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	64.0
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.624 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	40.5	121.5
157	108.1	52.7	158.1

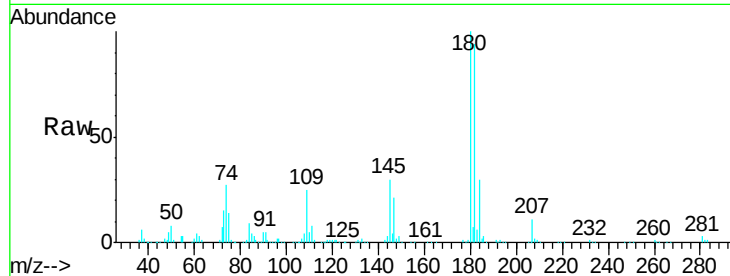




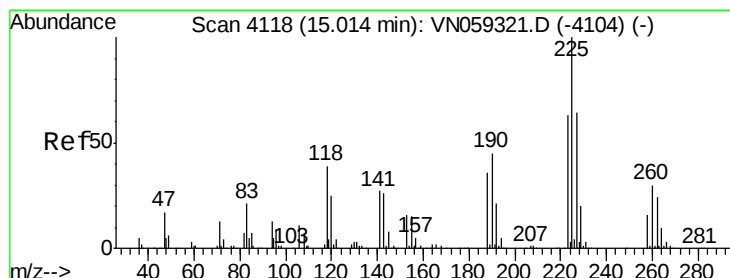
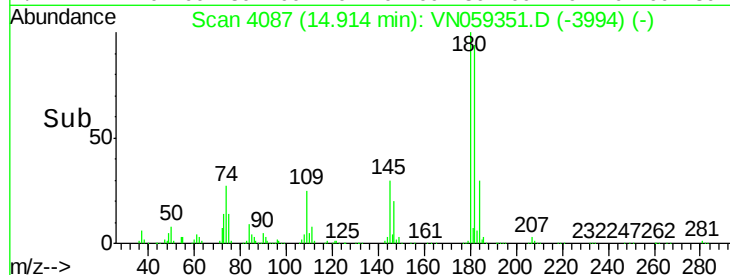
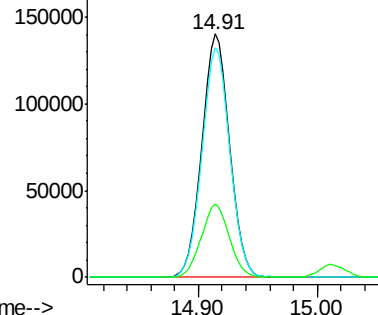
#93
 1,2,4-Trichlorobenzene
 Concen: 43.931 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 226479
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.2 141.6
 145 30.5 14.9 44.5

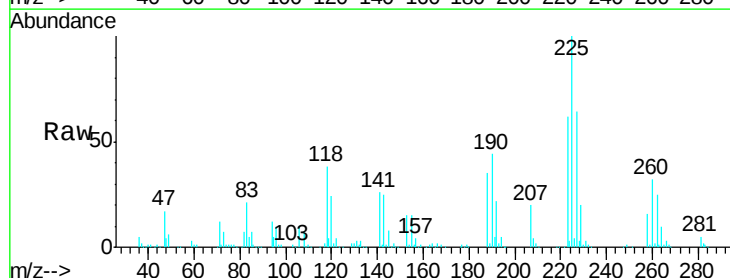


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

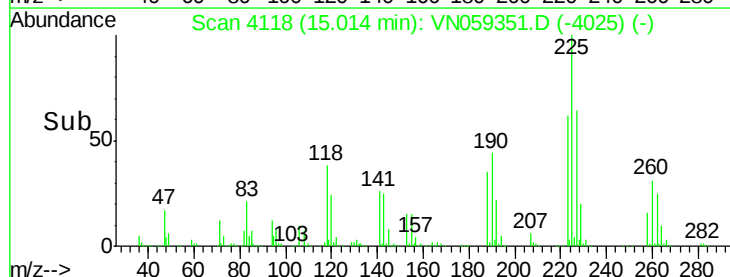
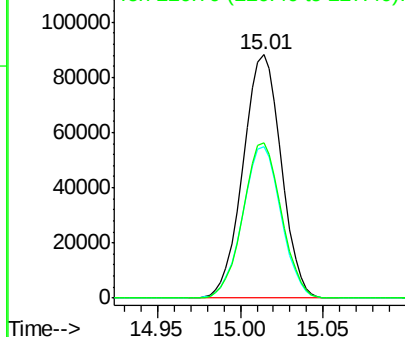


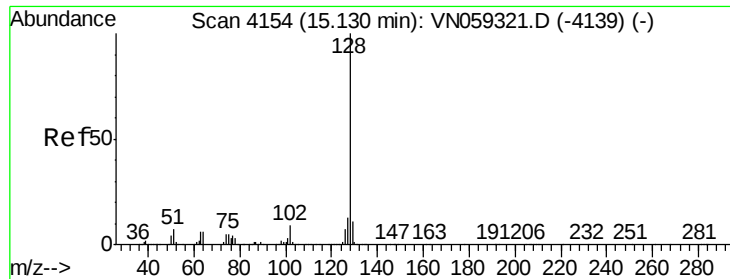
#94
 Hexachlorobutadiene
 Concen: 46.917 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN059351.D
 Acq: 22 Nov 2019 9:36

Tgt Ion:225 Resp: 141327
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.8
 227 63.9 32.6 97.7



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: 40.480 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

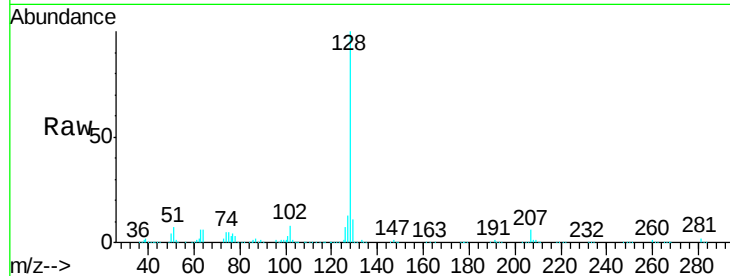
Tgt Ion:128 Resp: 573583

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

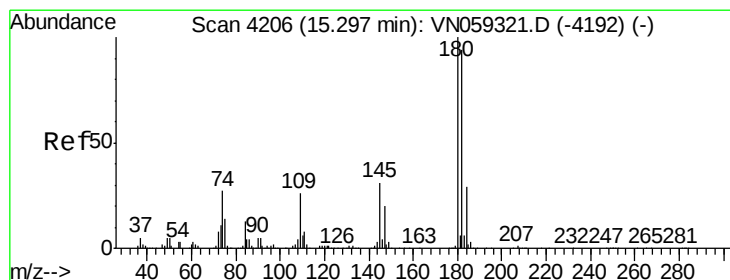
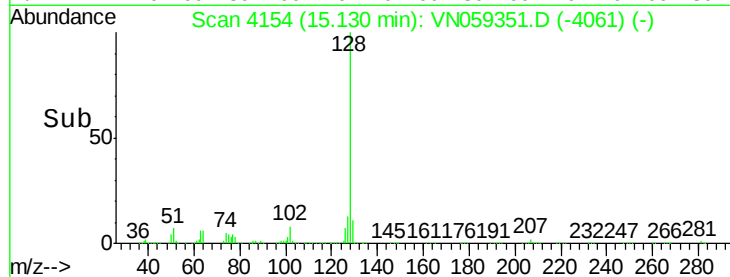
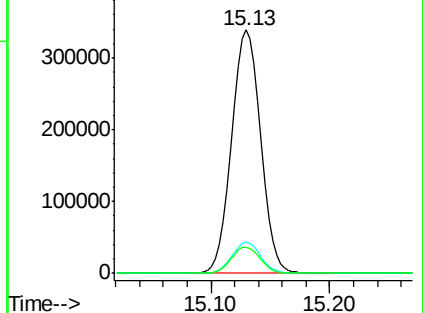
129 10.9 8.6 13.0



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: 43.063 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059351.D

Acq: 22 Nov 2019 9:36

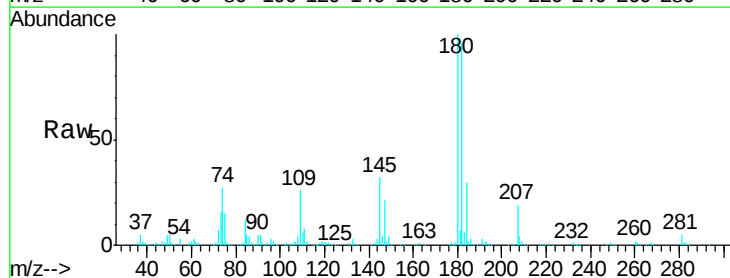
Tgt Ion:180 Resp: 218393

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.4

145 31.1 15.6 46.8



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

