

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112519\
 Data File : VN059380.D
 Acq On : 25 Nov 2019 13:12
 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 25 17:14:32 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	367100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	517722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245208	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	223371	50.71	ug/l	0.00
Spiked Amount						
			Recovery	=	101.42%	
35) Dibromofluoromethane	7.57	113	182445	53.22	ug/l	0.00
Spiked Amount						
			Recovery	=	106.44%	
50) Toluene-d8	10.08	98	741492	54.41	ug/l	0.00
Spiked Amount						
			Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.40	95	268690	56.39	ug/l	0.00
Spiked Amount						
			Recovery	=	112.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	228145	48.545	ug/l	100
3) Chloromethane	2.04	50	276743	48.067	ug/l	99
4) Vinyl Chloride	2.17	62	295214	49.803	ug/l	99
5) Bromomethane	2.54	94	162036	49.237	ug/l	99
6) Chloroethane	2.68	64	150201	46.428	ug/l	99
7) Trichlorofluoromethane	3.00	101	293928	46.046	ug/l	99
8) Diethyl Ether	3.38	74	132097	50.620	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	192475	49.312	ug/l	98
10) Methyl Iodide	3.92	142	264663	54.558	ug/l	99
11) Tert butyl alcohol	4.75	59	215459	244.323	ug/l	100
12) 1,1-Dichloroethene	3.71	96	193315	48.792	ug/l	98
13) Acrolein	3.58	56	168686	209.547	ug/l	99
14) Allyl chloride	4.29	41	364119	49.195	ug/l	98
15) Acrylonitrile	4.95	53	565121	242.369	ug/l	100
16) Acetone	3.79	43	606852	307.276	ug/l	99
17) Carbon Disulfide	4.02	76	595423	47.958	ug/l	100
18) Methyl Acetate	4.29	43	317577	48.454	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	652664	51.002	ug/l	99
20) Methylene Chloride	4.52	84	228221	51.237	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	210291	50.081	ug/l	98
22) Diisopropyl ether	5.92	45	701324	50.326	ug/l	99
23) Vinyl Acetate	5.86	43	2756860	251.568	ug/l	100
24) 1,1-Dichloroethane	5.82	63	394607	50.307	ug/l	99
25) 2-Butanone	6.80	43	801113	260.863	ug/l	98
26) 2,2-Dichloropropane	6.79	77	339958	50.052	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	235780	49.768	ug/l	98
28) Bromochloromethane	7.17	49	160541	50.234	ug/l	96
29) Tetrahydrofuran	7.18	42	494481	232.862	ug/l	99
30) Chloroform	7.35	83	373093	49.013	ug/l	99
31) Cyclohexane	7.63	56	361009	46.548	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	319726	48.887	ug/l	100
36) 1,1-Dichloropropene	7.77	75	294804	49.978	ug/l	99
37) Ethyl Acetate	6.90	43	303027	47.800	ug/l	99
38) Carbon Tetrachloride	7.75	117	283355	50.179	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	362096	50.907	ug/l	99
40) Benzene	8.02	78	893349	51.602	ug/l	99
41) Methacrylonitrile	7.15	41	128529	45.671	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	287689	50.245	ug/l	99
43) Isopropyl Acetate	8.14	43	483492	49.904	ug/l	98
44) Trichloroethene	8.82	130	226358	51.590	ug/l	97
45) 1,2-Dichloropropane	9.10	63	238395	51.640	ug/l	98
46) Dibromomethane	9.19	93	144058	50.874	ug/l	99
47) Bromodichloromethane	9.39	83	295167	52.048	ug/l	98
48) Methyl methacrylate	9.18	41	220164	49.972	ug/l	97
49) 1,4-Dioxane	9.18	88	82445	1245.102	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1483064	261.523	ug/l	99
52) Toluene	10.15	92	543481	52.208	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	347590	52.726	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	382182	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	213133	52.659	ug/l	99
56) Ethyl methacrylate	10.42	69	338314	49.515	ug/l	98
57) 1,3-Dichloropropane	10.70	76	370375	52.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	714749	281.691	ug/l	100
59) 2-Hexanone	10.74	43	1129429	271.990	ug/l	97
60) Dibromochloromethane	10.90	129	230728	54.097	ug/l	99
61) 1,2-Dibromoethane	11.00	107	220692	52.404	ug/l	100
64) Tetrachloroethene	10.63	164	202860	50.663	ug/l	99
65) Chlorobenzene	11.43	112	573430	51.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	213744	52.853	ug/l	99
67) Ethyl Benzene	11.51	91	1048303	52.741	ug/l	99
68) m/p-Xylenes	11.62	106	785276	106.324	ug/l	100
69) o-Xylene	11.95	106	375574	53.117	ug/l	98
70) Styrene	11.96	104	620475	55.614	ug/l	100
71) Bromoform	12.13	173	166377	54.323	ug/l #	100
73) Isopropylbenzene	12.25	105	1009346	50.248	ug/l	99
74) N-amyl acetate	12.07	43	409154	50.683	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	319724	48.117	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	426055	75.209	ug/l #	100
77) Bromobenzene	12.53	156	242532	49.779	ug/l	98
78) n-propylbenzene	12.59	91	1188290	52.224	ug/l	100
79) 2-Chlorotoluene	12.67	91	690994	49.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	856811	50.741	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	118749	52.430	ug/l	96
82) 4-Chlorotoluene	12.77	91	721793	49.943	ug/l	99
83) tert-Butylbenzene	12.99	119	733951	51.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	852528	51.540	ug/l	100
85) sec-Butylbenzene	13.17	105	990344	51.667	ug/l	100
86) p-Isopropyltoluene	13.29	119	897903	52.642	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439819	50.691	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	435692	50.753	ug/l	99
89) n-Butylbenzene	13.62	91	794329	53.087	ug/l	99
90) Hexachloroethane	13.88	117	161230	49.912	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	425601	50.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59757	42.299	ug/l	95

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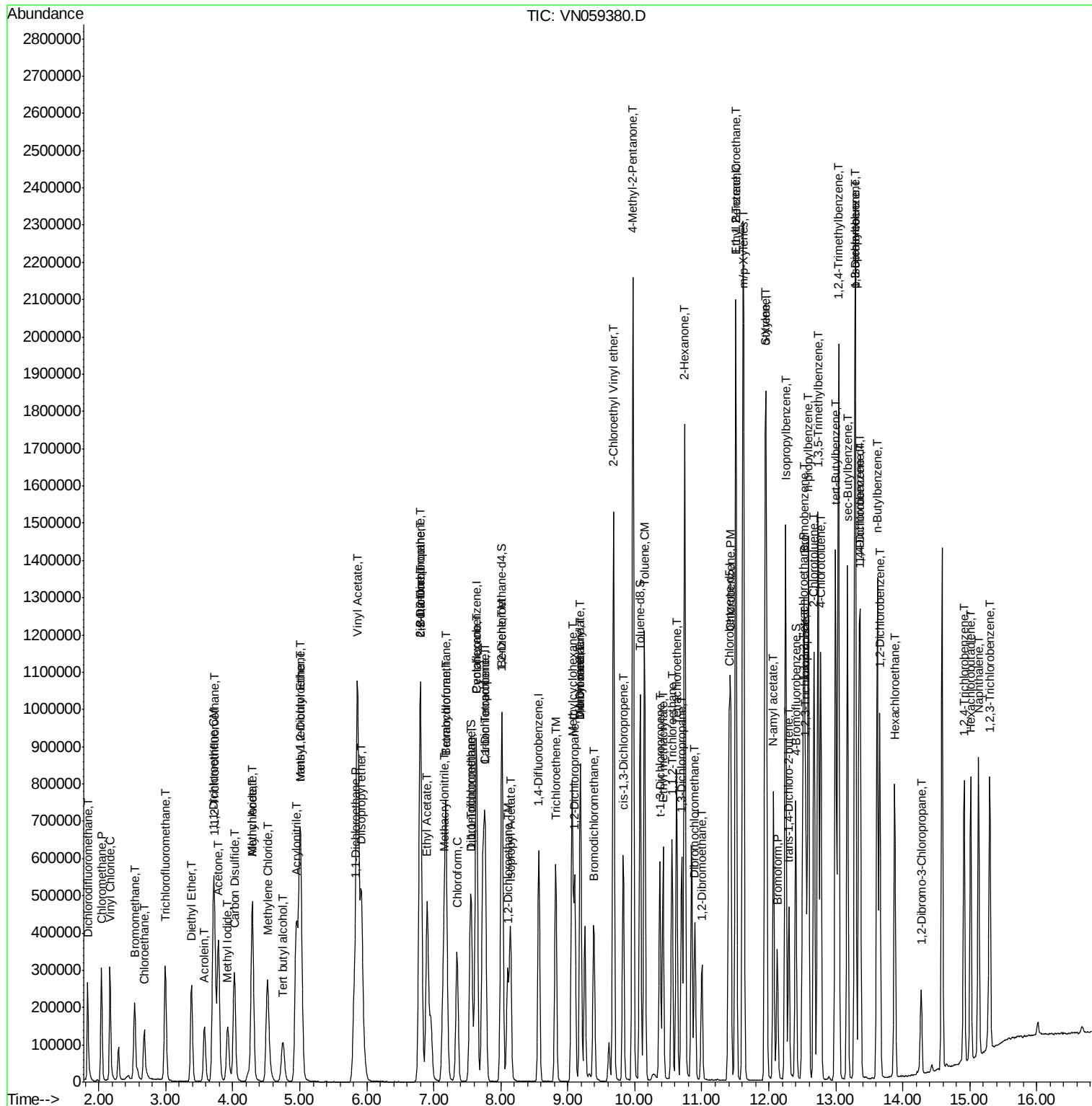
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	252178	48.399	ug/l	100
94) Hexachlorobutadiene	15.01	225	151546	50.107	ug/l	99
95) Naphthalene	15.13	128	656287	45.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	246423	48.159	ug/l	99

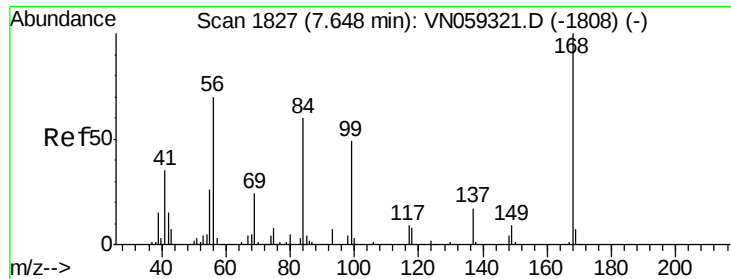
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

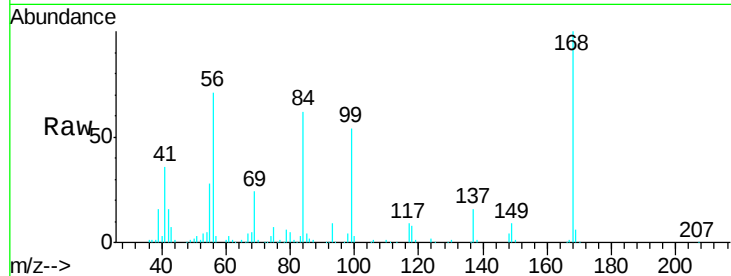
VSTDCCC050

Tgt Ion:168 Resp: 367100

Ion Ratio Lower Upper

168 100

99 54.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

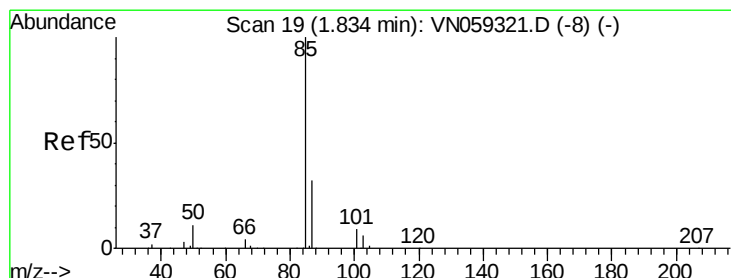
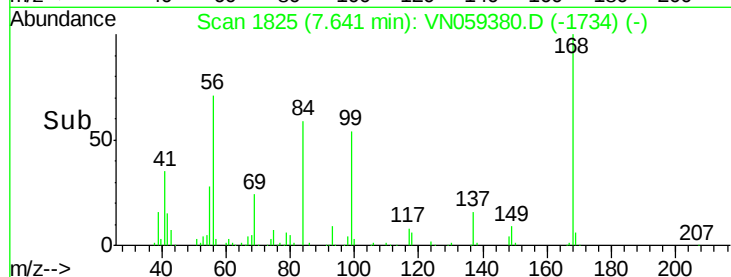
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.545 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059380.D

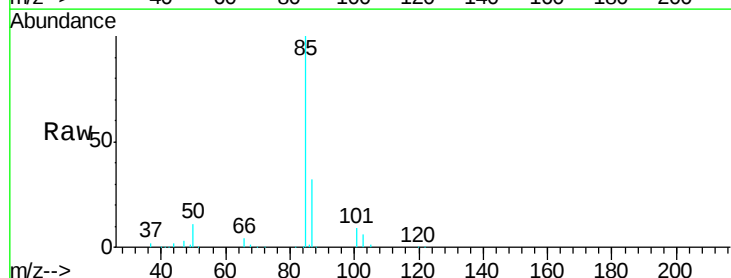
Acq: 25 Nov 2019 13:12

Tgt Ion: 85 Resp: 228145

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

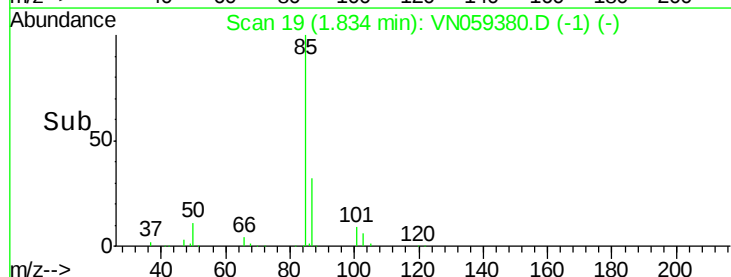
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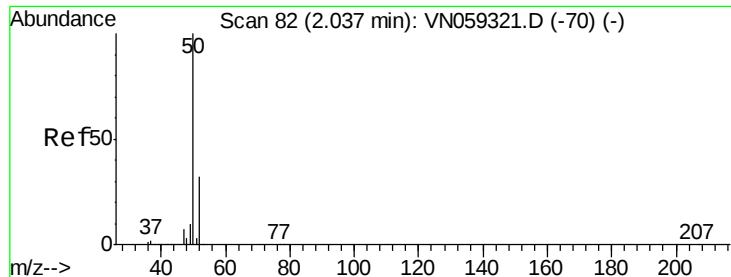
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.067 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

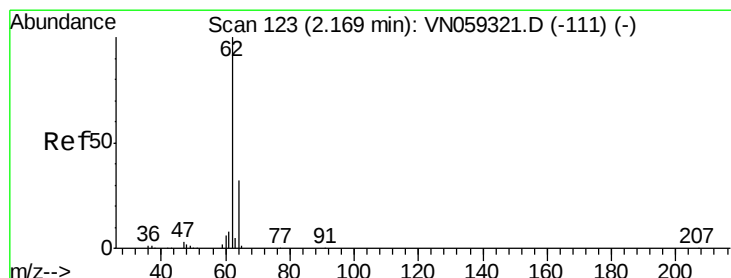
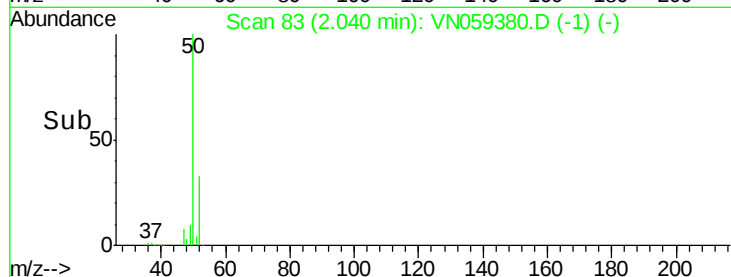
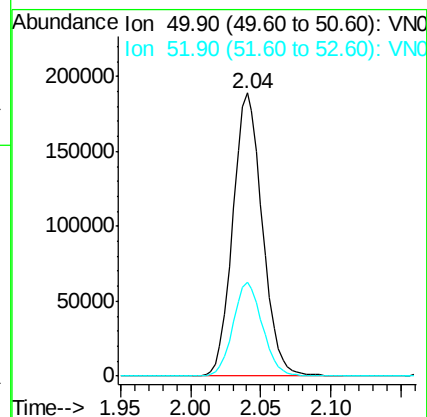
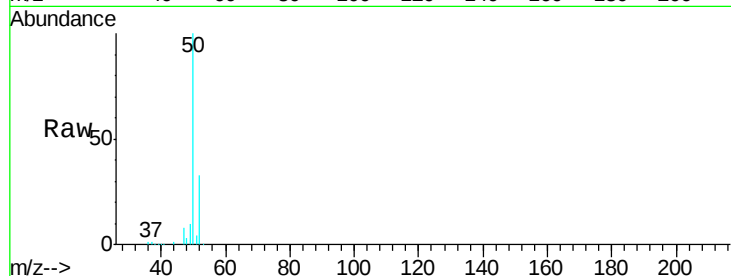
VSTDCCC050

Tgt Ion: 50 Resp: 276743

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 49.803 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059380.D

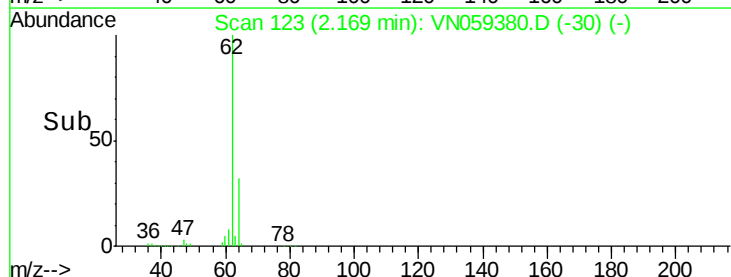
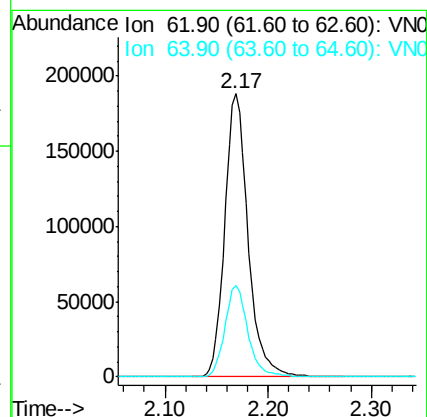
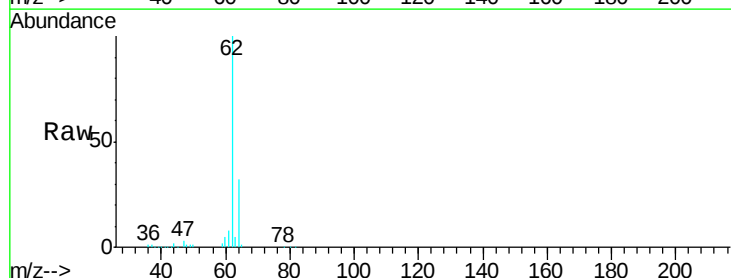
Acq: 25 Nov 2019 13:12

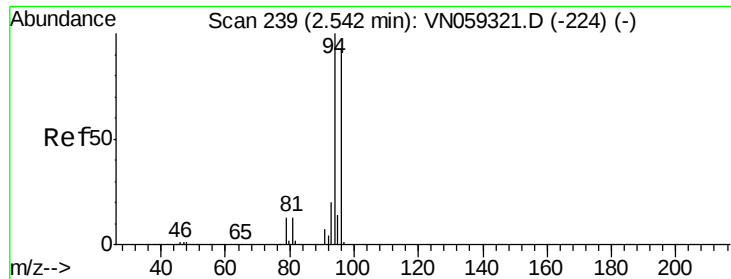
Tgt Ion: 62 Resp: 295214

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 49.237 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN059380.D

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Instrument :

MSVOA_N

ClientSampleId :

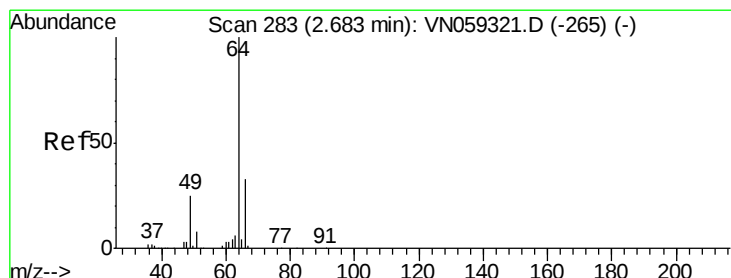
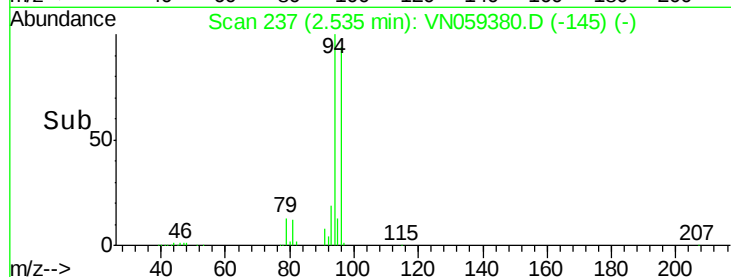
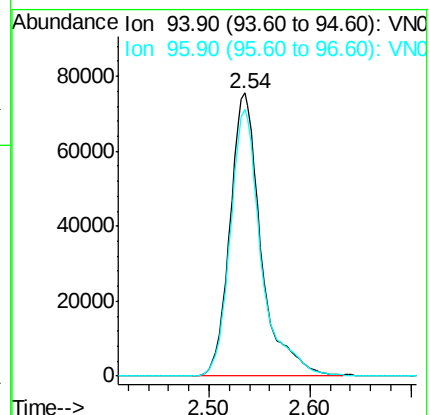
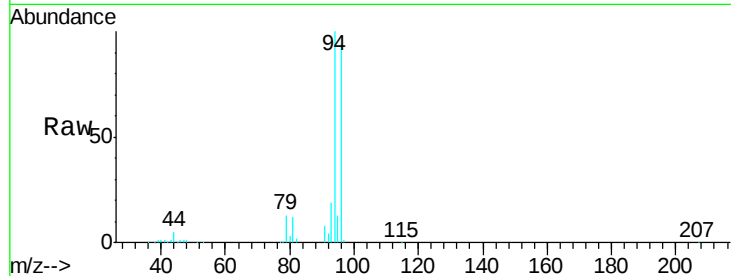
VSTDCCC050

Tgt Ion: 94 Resp: 162036

Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7



#6

Chloroethane

Concen: 46.428 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN059380.D

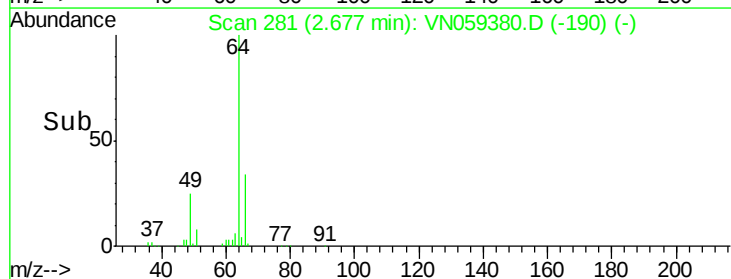
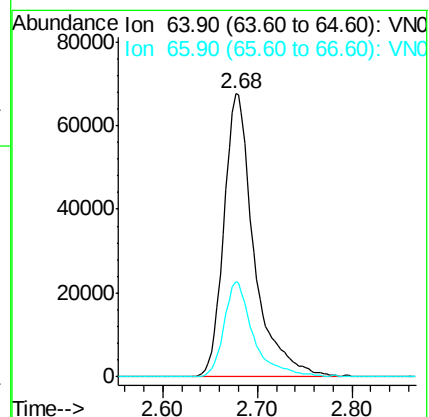
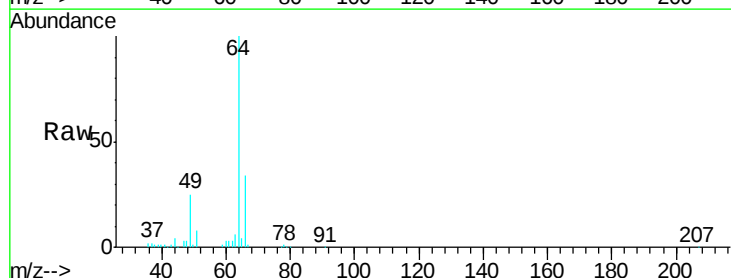
Acq: 25 Nov 2019 13:12

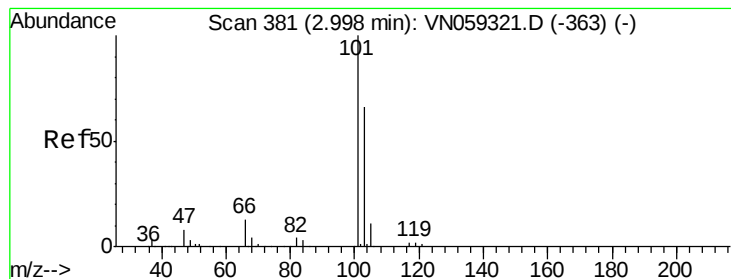
Tgt Ion: 64 Resp: 150201

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.2



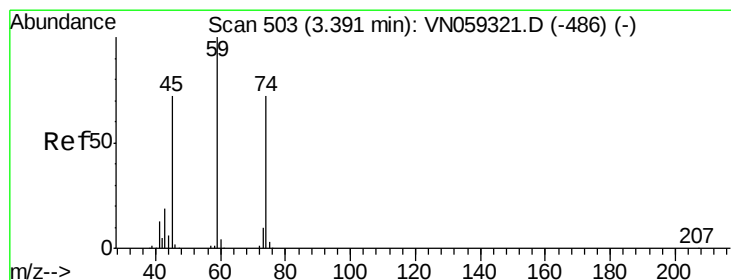
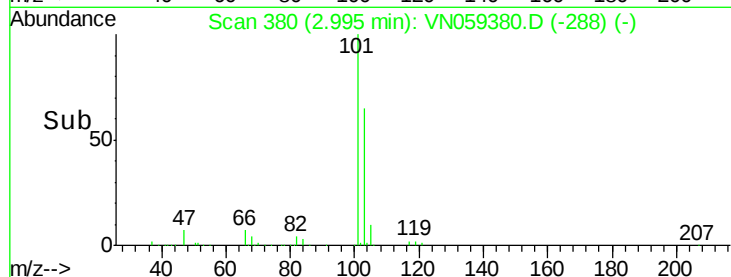
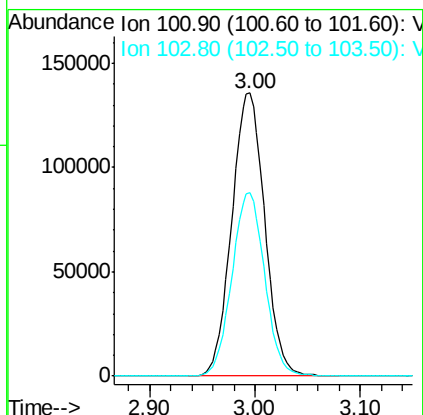
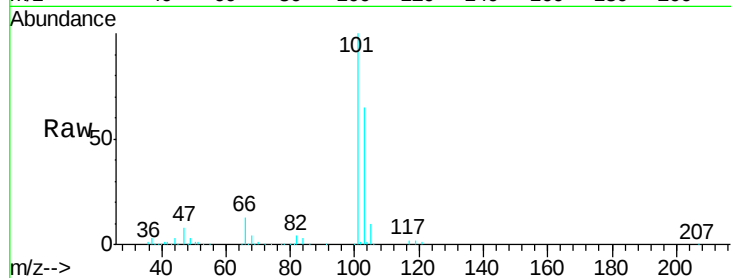


#7

Trichlorofluoromethane
 Concen: 46.046 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059380.D
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 ClientSampleId :
 VSTDCCC050

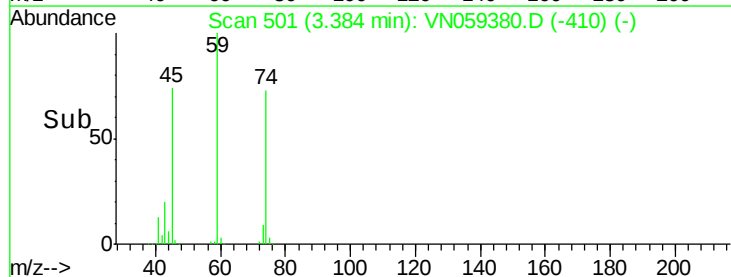
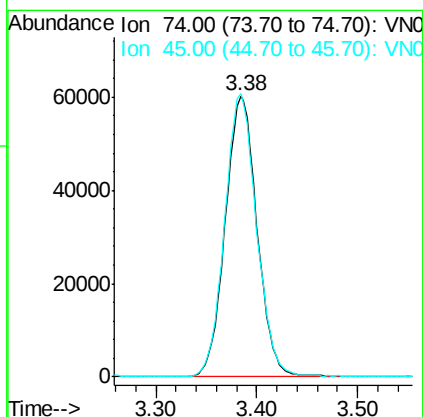
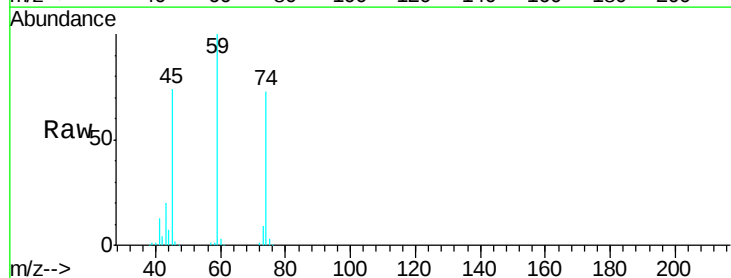
Tgt Ion: 101 Resp: 293928
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.5 78.7

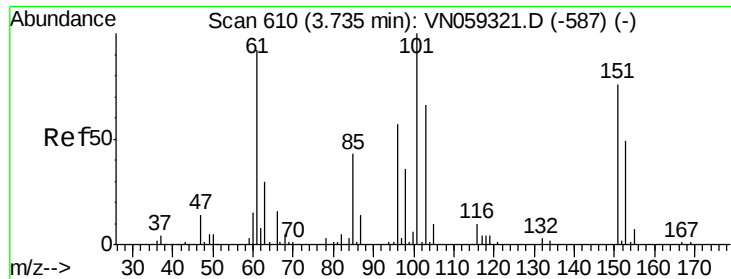


#8

Diethyl Ether
 Concen: 50.620 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion: 74 Resp: 132097
 Ion Ratio Lower Upper
 74 100
 45 101.3 51.7 155.2

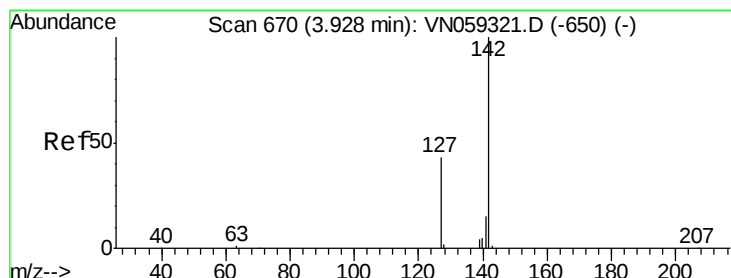
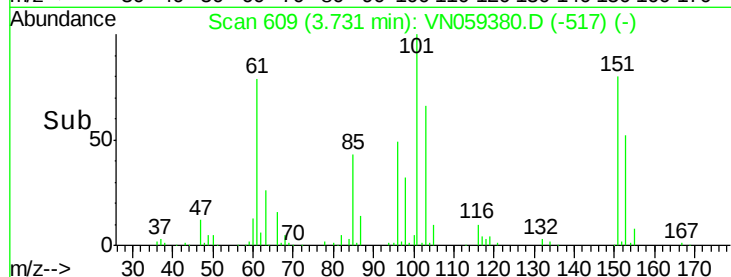
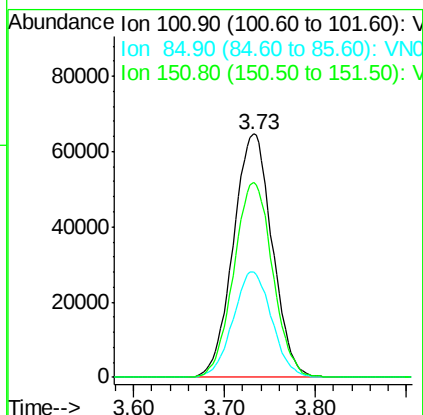
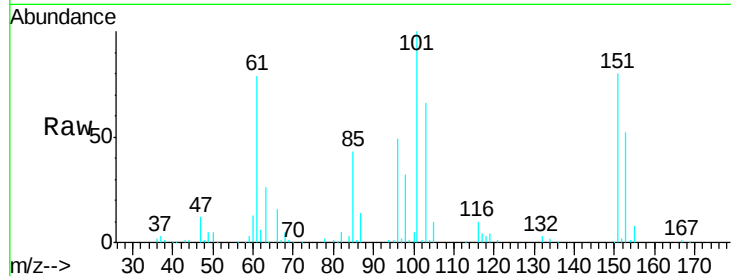




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.312 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

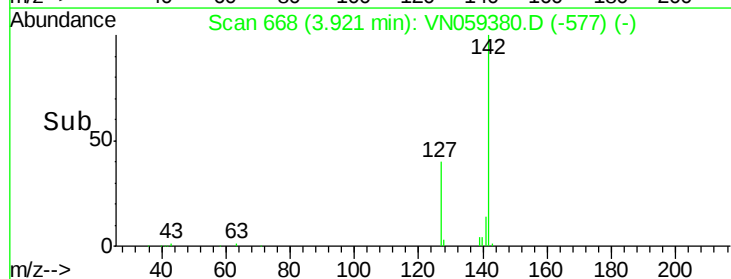
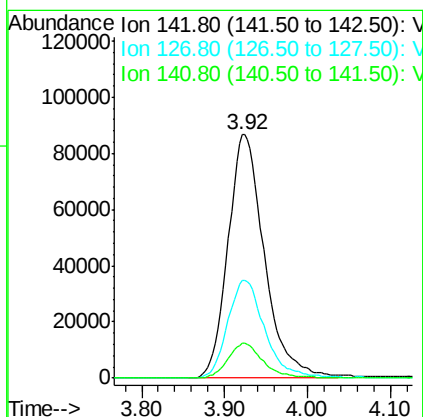
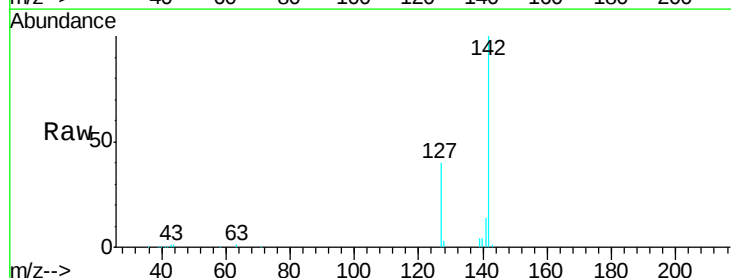
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

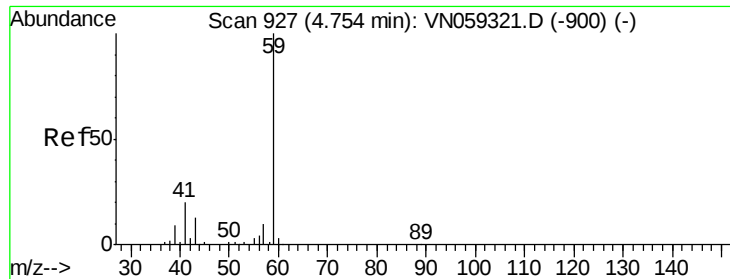
Tgt Ion:101 Resp: 192475
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.8 52.2
 151 79.8 62.2 93.4



#10
 Methyl Iodide
 Concen: 54.558 ug/l
 RT: 3.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion:142 Resp: 264663
 Ion Ratio Lower Upper
 142 100
 127 41.1 33.8 50.6
 141 13.9 11.2 16.8

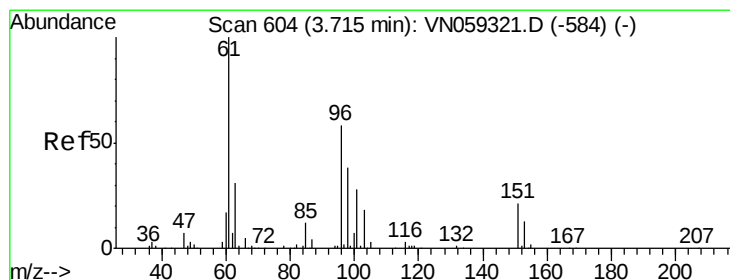
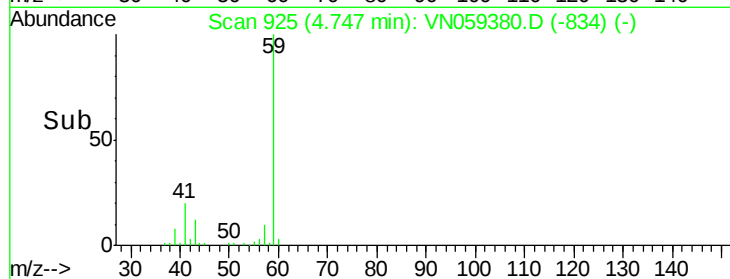
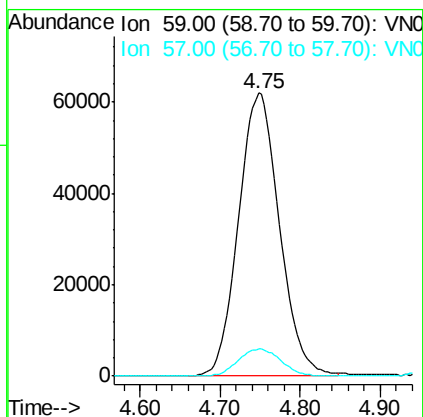
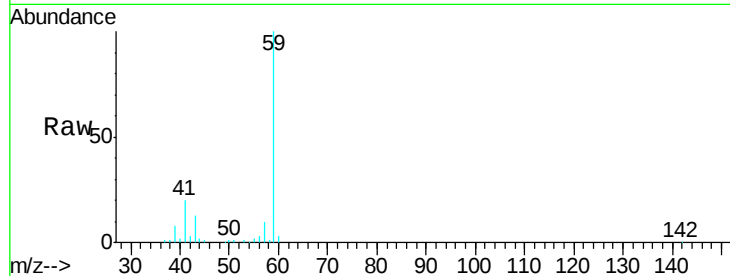




#11
Tert butyl alcohol
Concen: 244.323 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

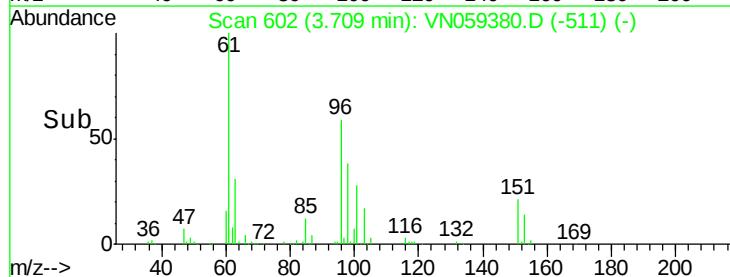
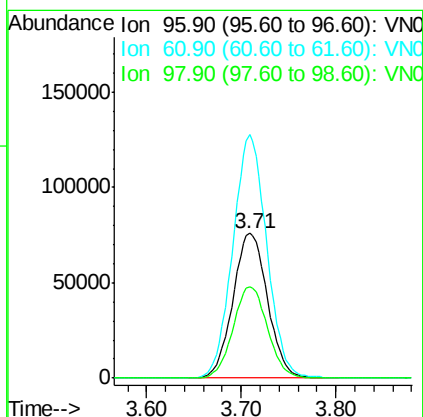
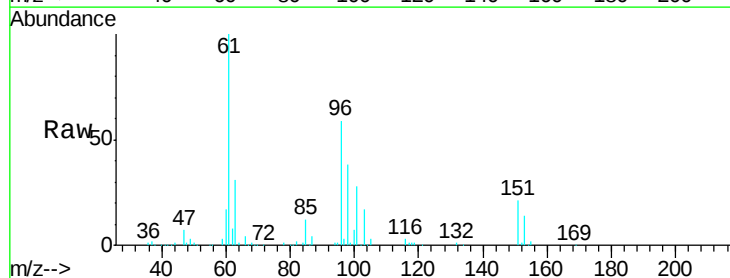
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

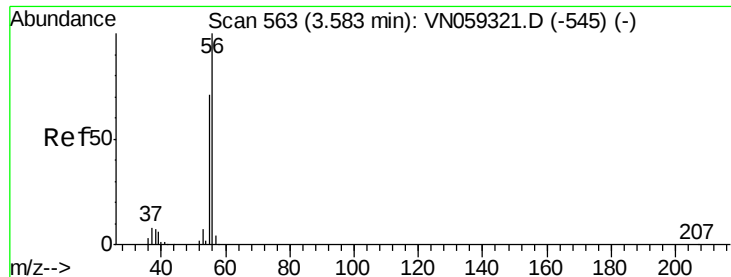
Tgt Ion: 59 Resp: 215459
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.792 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 96 Resp: 193315
Ion Ratio Lower Upper
96 100
61 168.4 136.8 205.2
98 63.2 51.6 77.4





#13

Acrolein

Concen: 209.547 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

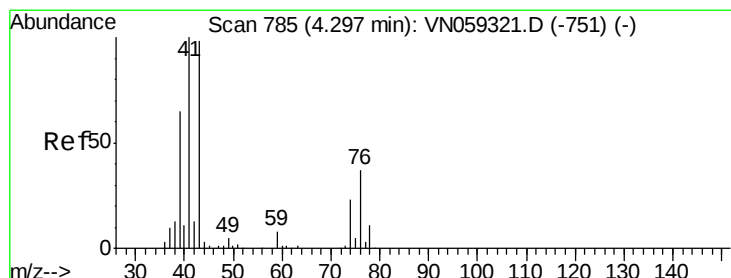
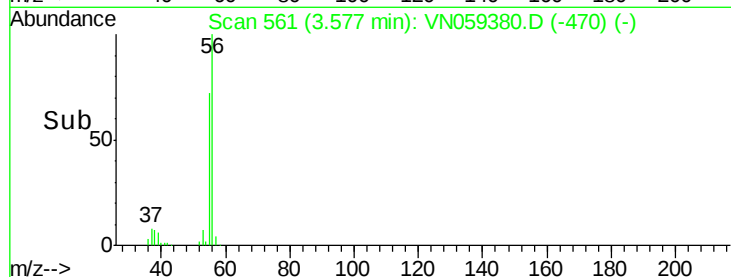
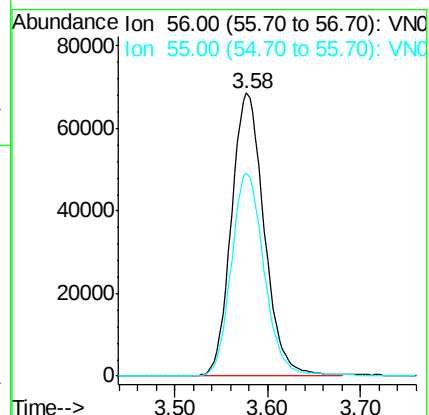
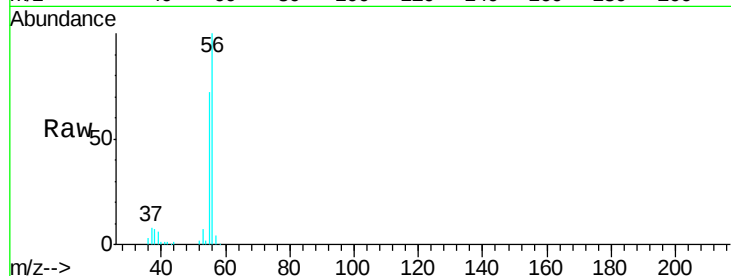
VSTDCCC050

Tgt Ion: 56 Resp: 168686

Ion Ratio Lower Upper

56 100

55 71.2 57.4 86.0



#14

Allyl chloride

Concen: 49.195 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

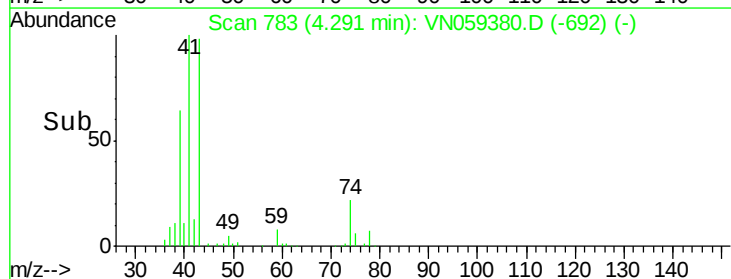
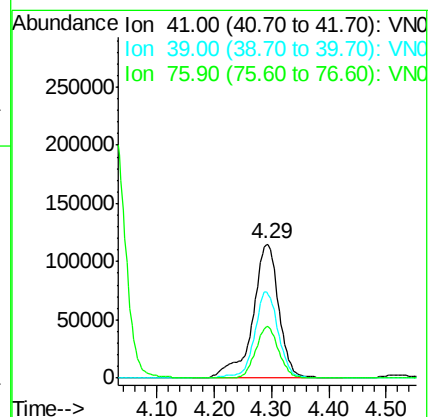
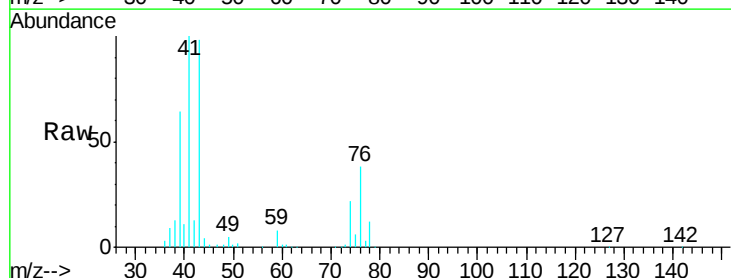
Tgt Ion: 41 Resp: 364119

Ion Ratio Lower Upper

41 100

39 58.8 48.4 72.6

76 33.7 26.2 39.4





#15

Acrylonitrile

Concen: 242.369 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

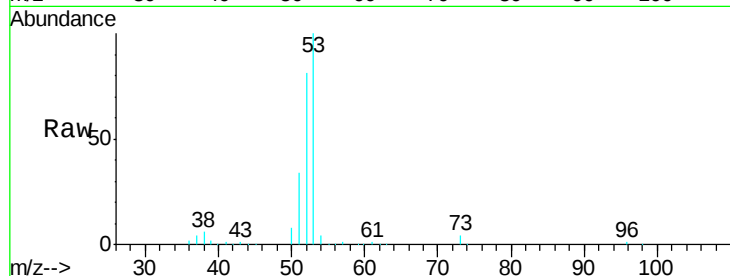
Tgt Ion: 53 Resp: 565121

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

51 34.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN059321.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN059321.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN059321.D (-968) (-)

4.95

200000

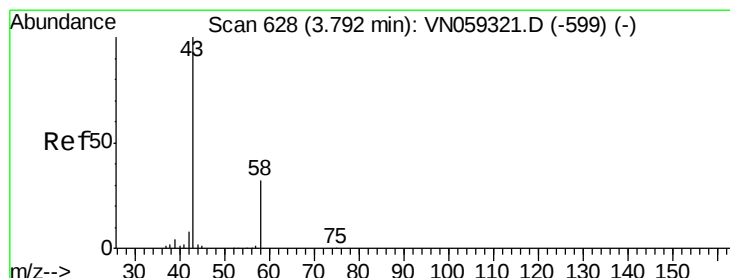
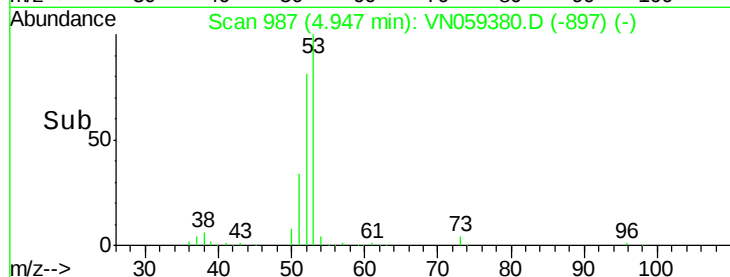
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 307.276 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059380.D

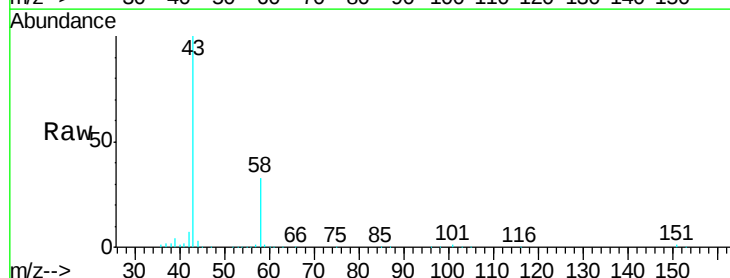
Acq: 25 Nov 2019 13:12

Tgt Ion: 43 Resp: 606852

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

3.79

250000

200000

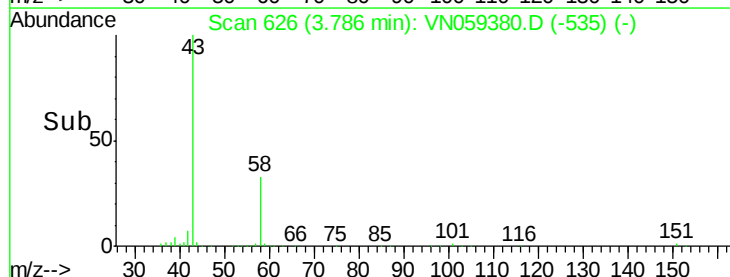
150000

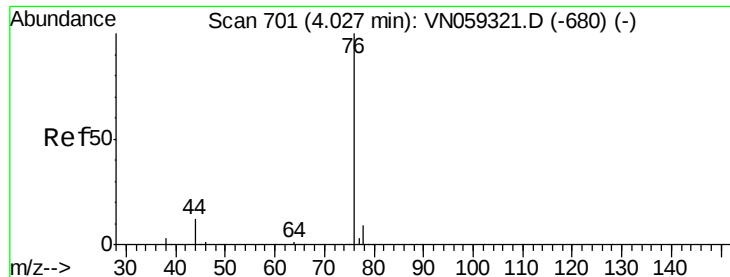
100000

50000

0

Time-->

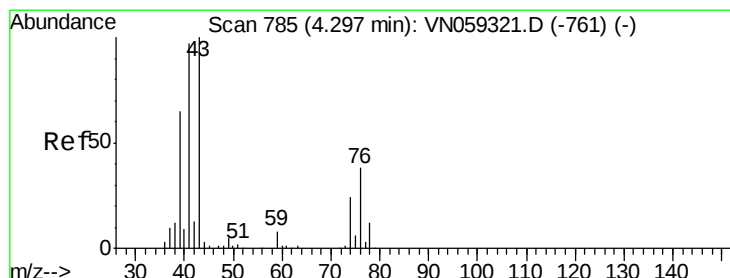
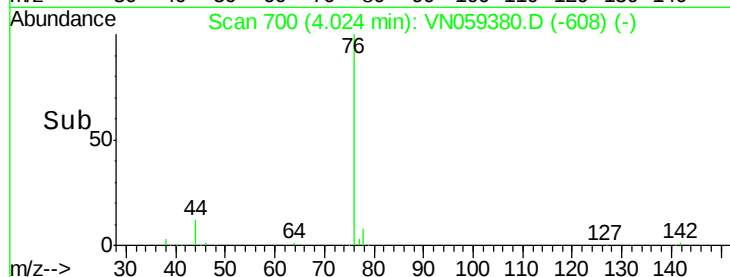
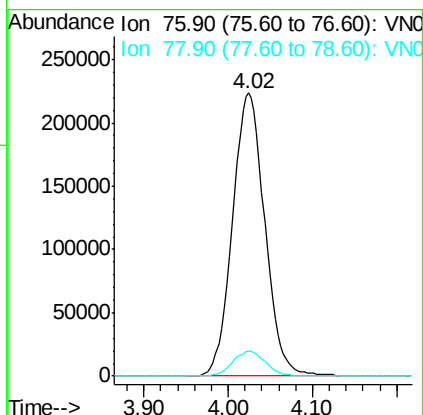
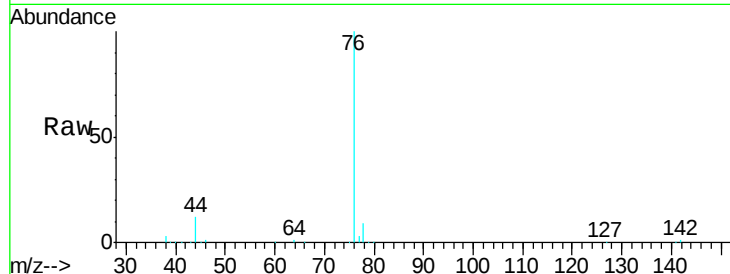




#17
Carbon Disulfide
Concen: 47.958 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

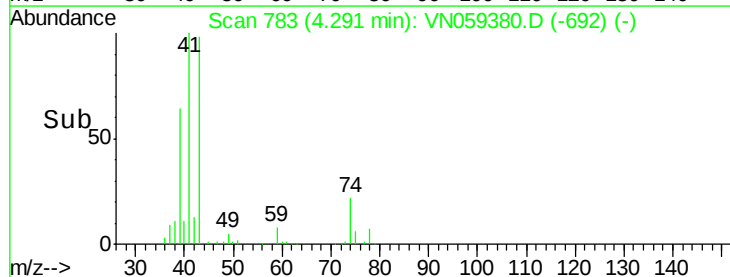
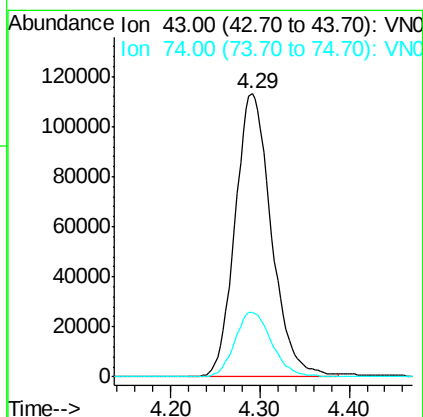
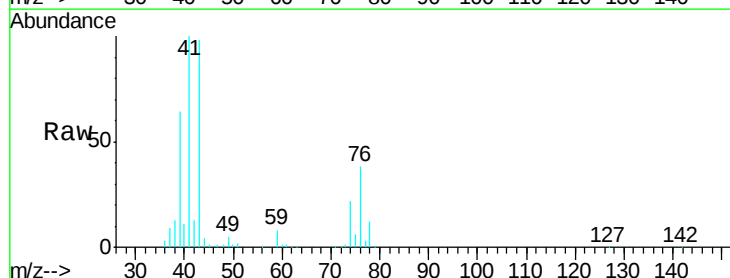
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

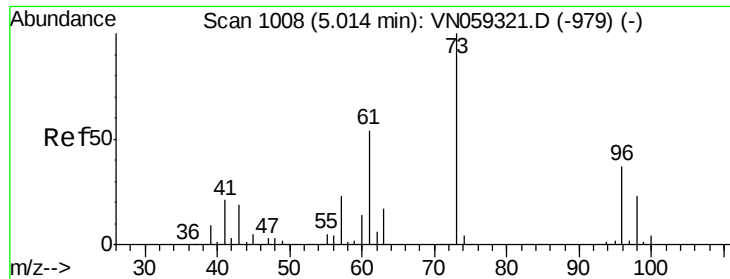
Tgt Ion: 76 Resp: 595423
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 48.454 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 43 Resp: 317577
Ion Ratio Lower Upper
43 100
74 23.4 18.1 27.1

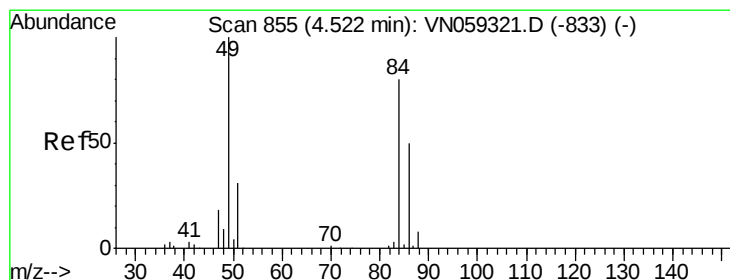
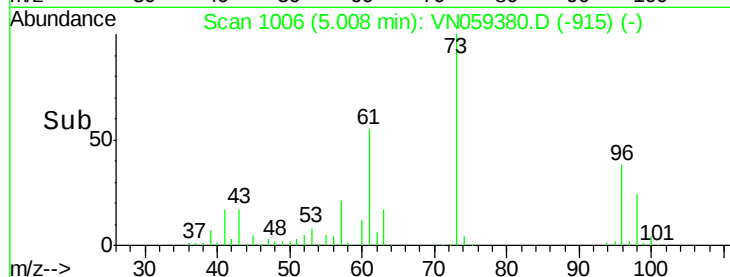
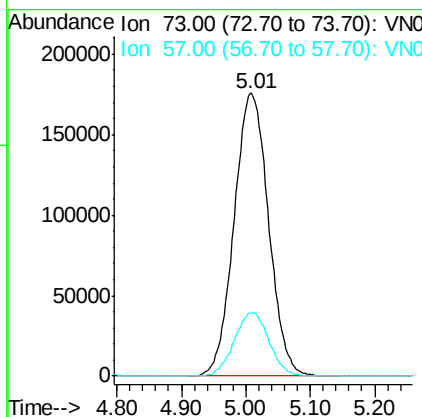
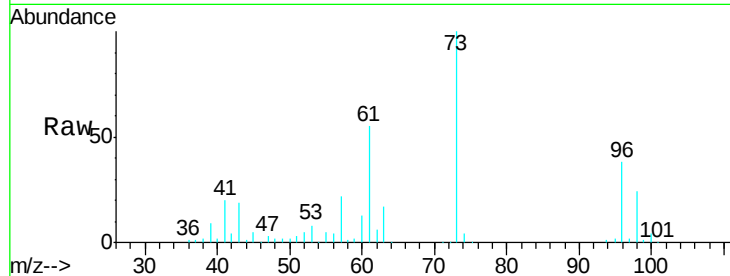




#19
Methyl tert-butyl Ether
Concen: 51.002 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

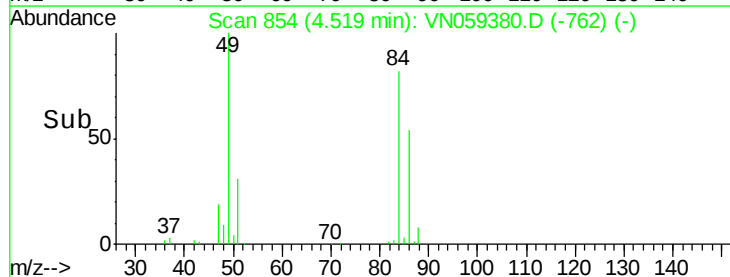
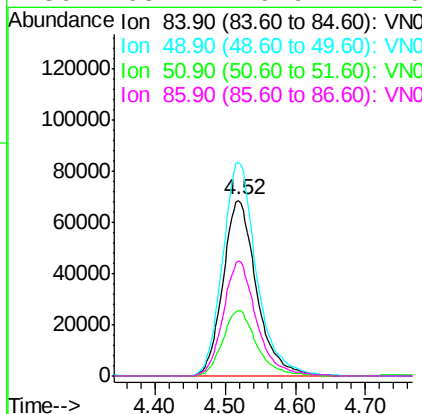
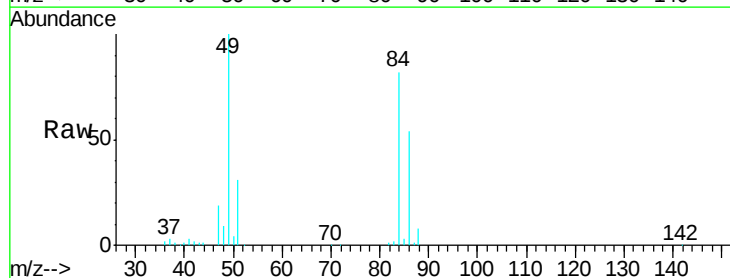
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

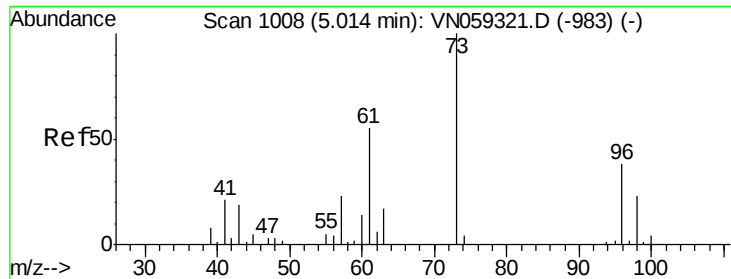
Tgt Ion: 73 Resp: 652664
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 51.237 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 84 Resp: 228221
Ion Ratio Lower Upper
84 100
49 121.5 99.5 149.3
51 37.4 31.1 46.7
86 65.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.081 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

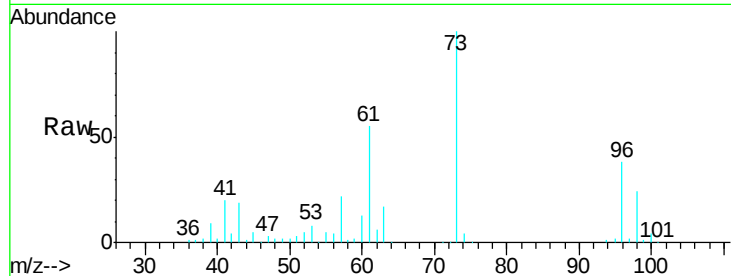
Tgt Ion: 96 Resp: 210291

Ion Ratio Lower Upper

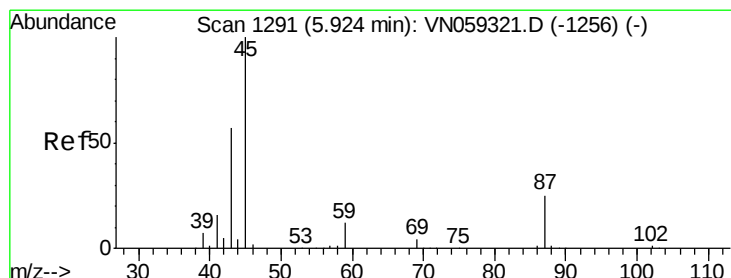
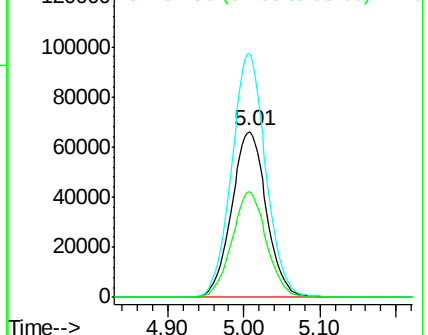
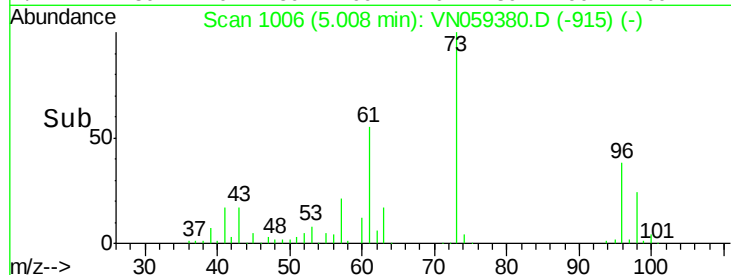
96 100

61 146.9 116.4 174.6

98 63.8 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VN059380.D (-915) (-)



#22

Diisopropyl ether

Concen: 50.326 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion: 45 Resp: 701324

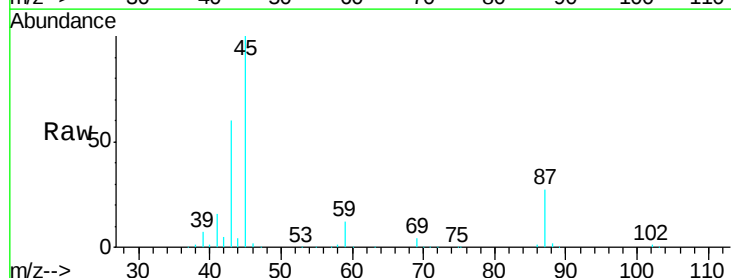
Ion Ratio Lower Upper

45 100

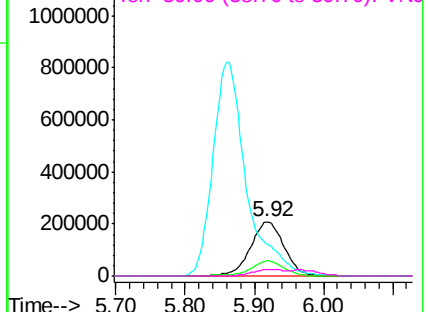
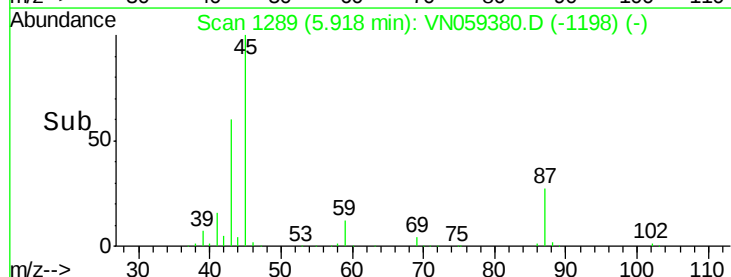
43 58.7 47.6 71.4

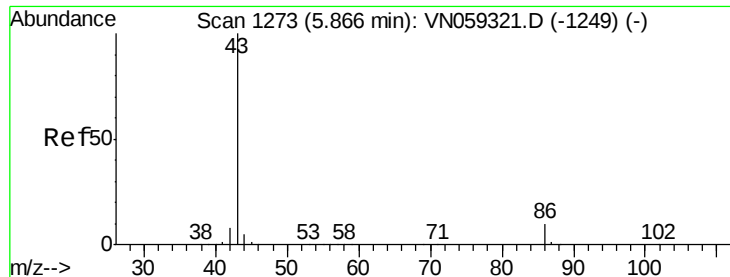
87 27.4 20.7 31.1

59 11.9 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VN059380.D (-1198) (-)





#23

Vinyl Acetate

Concen: 251.568 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

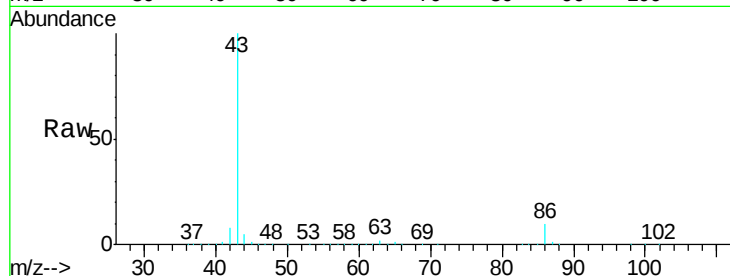
VSTDCCC050

Tgt Ion: 43 Resp: 2756860

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN059380.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059380.D (-1180) (-)

5.86

800000

600000

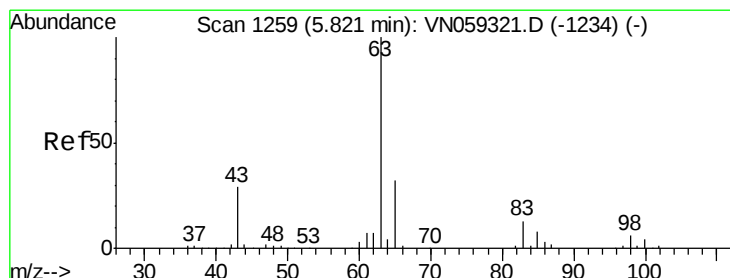
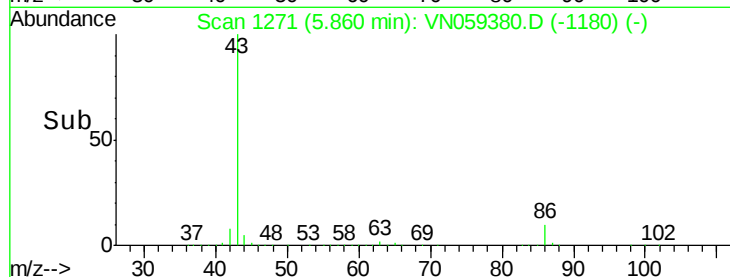
400000

200000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.307 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

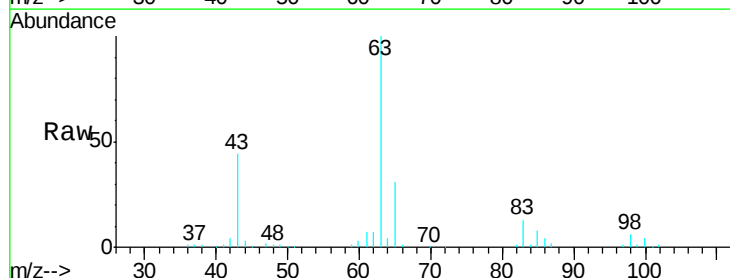
Tgt Ion: 63 Resp: 394607

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059380.D (-1166) (-)

Ion 97.90 (97.60 to 98.60): VN059380.D (-1166) (-)

Ion 99.90 (99.60 to 100.60): VN059380.D (-1166) (-)

150000

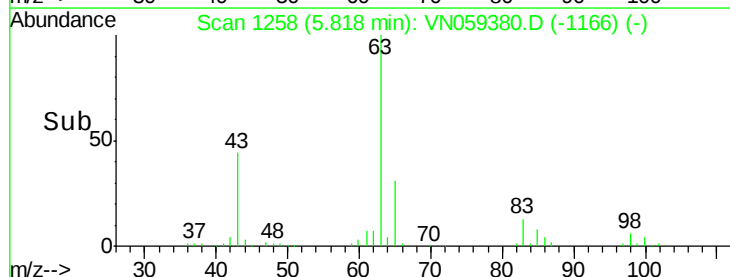
100000

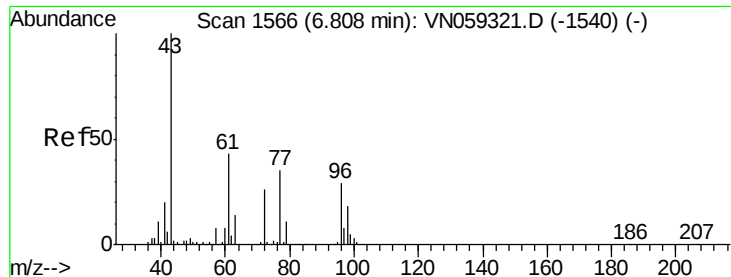
50000

0

5.70 5.80 5.90

Time-->

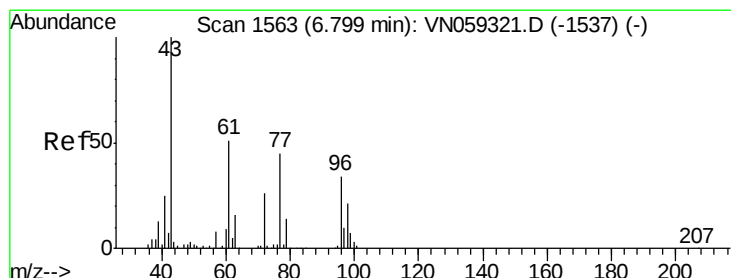
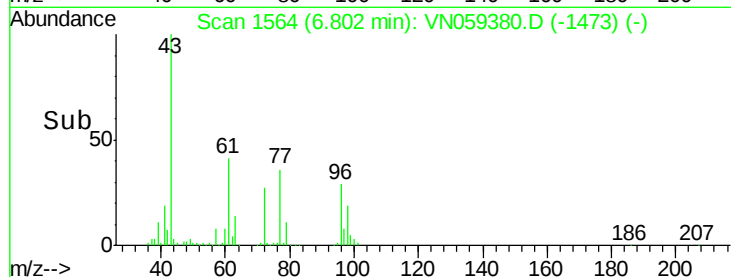
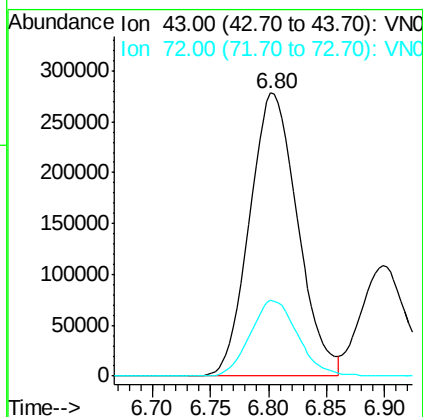
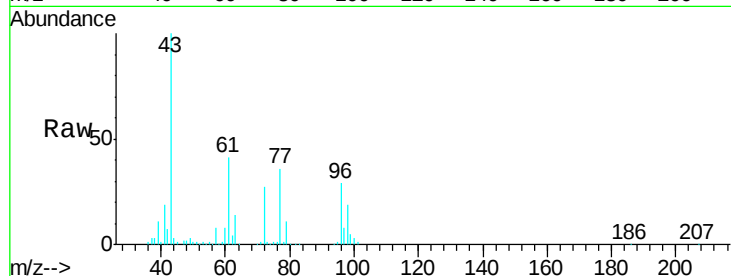




#25
2-Butanone
Concen: 260.863 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

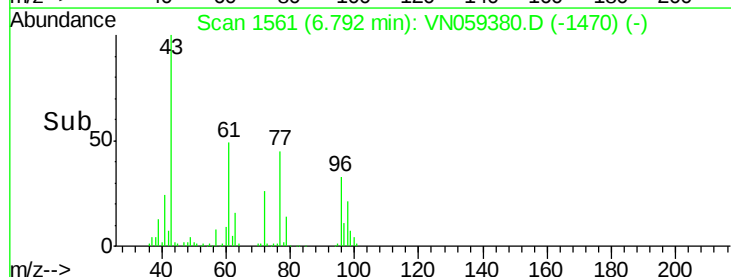
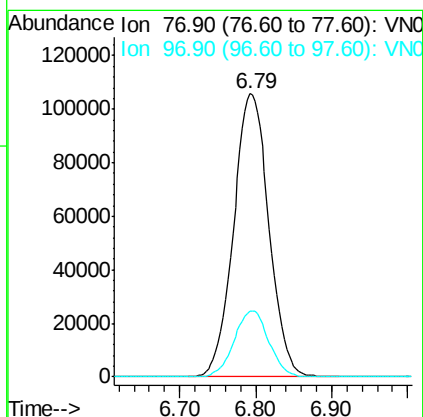
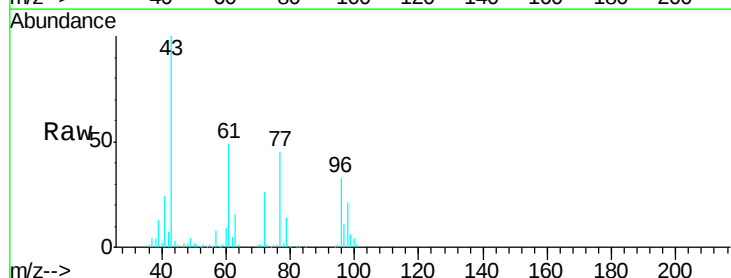
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

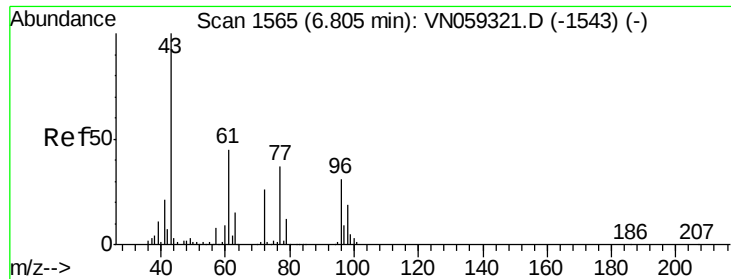
Tgt Ion: 43 Resp: 801113
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.052 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 77 Resp: 339958
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 49.768 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

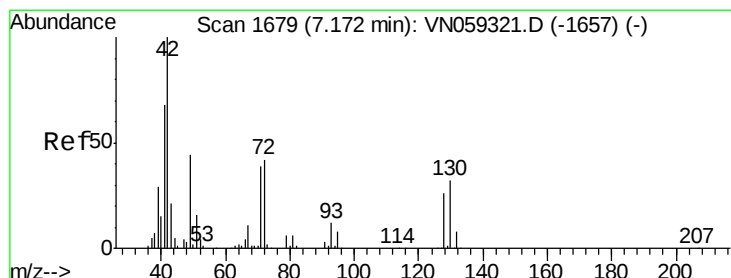
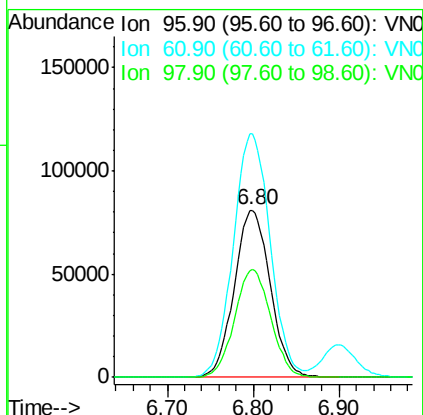
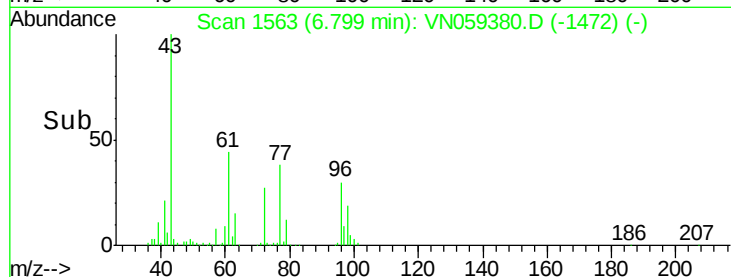
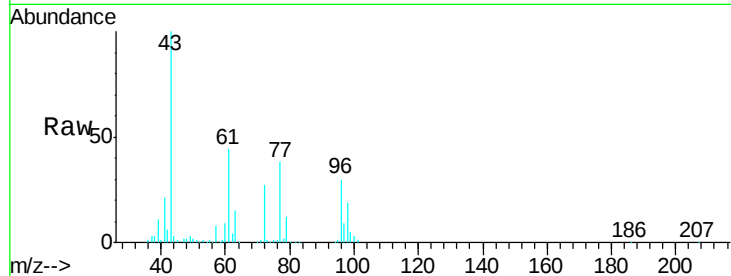
Tgt Ion: 96 Resp: 235780

Ion Ratio Lower Upper

96 100

61 149.0 0.0 304.0

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 50.234 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

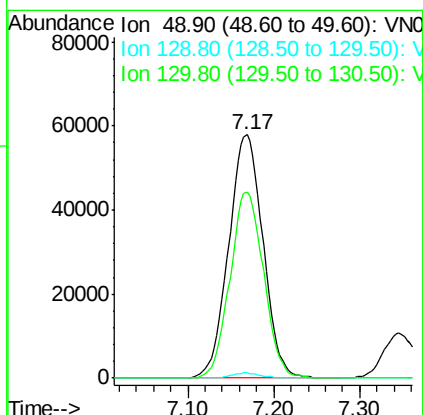
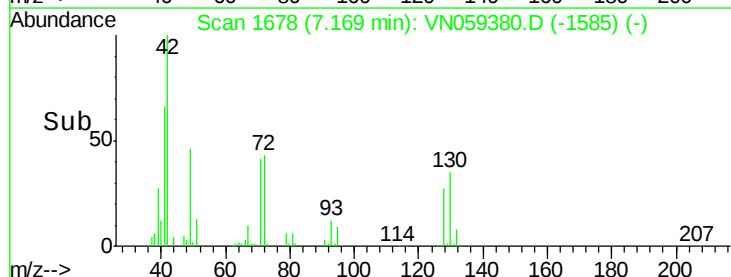
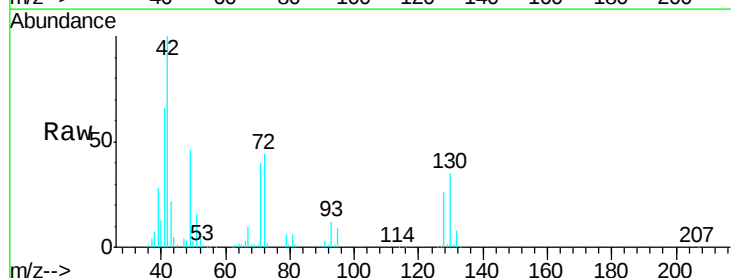
Tgt Ion: 49 Resp: 160541

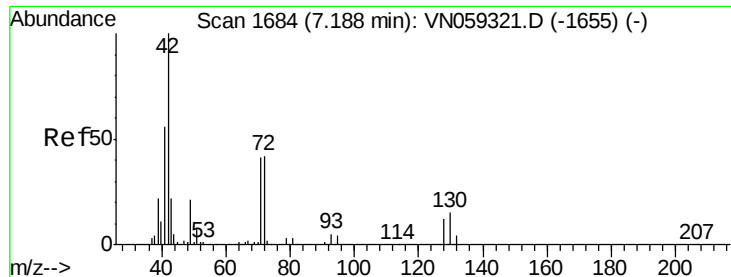
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 74.9 57.0 85.6

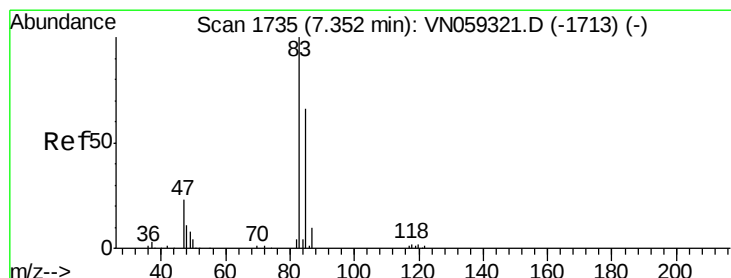
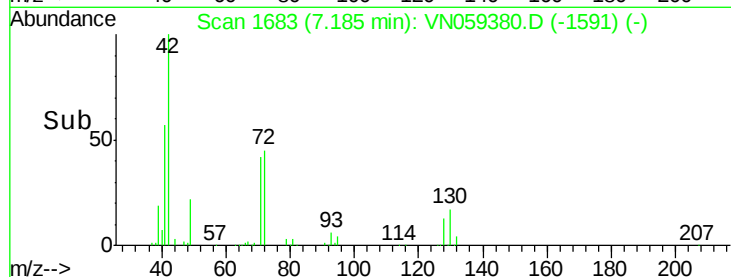
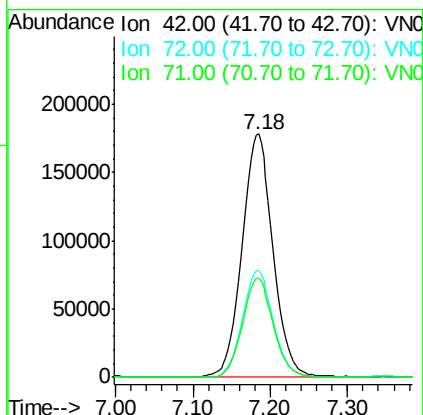
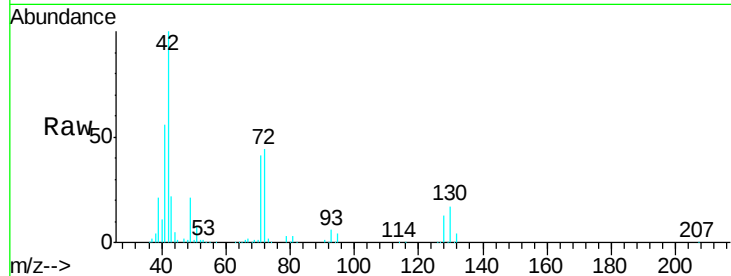




#29
Tetrahydrofuran
Concen: 232.862 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

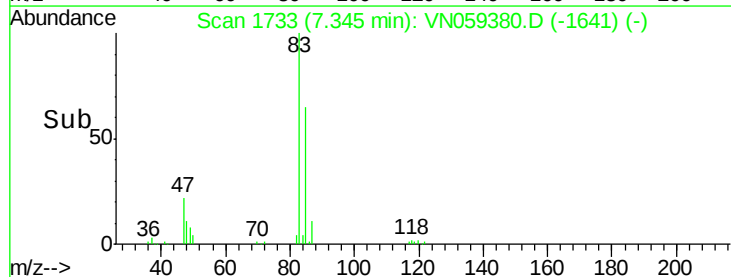
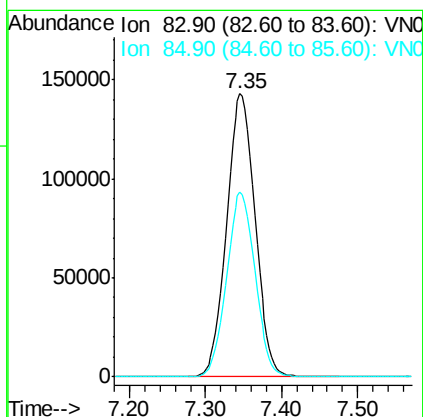
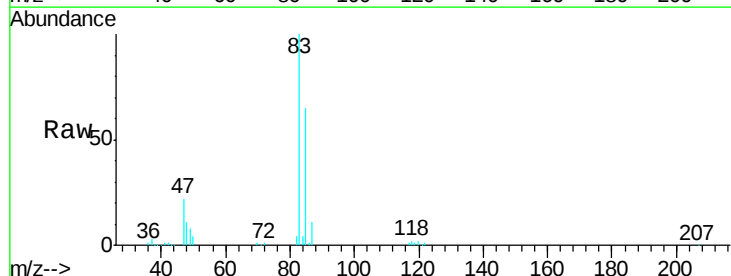
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

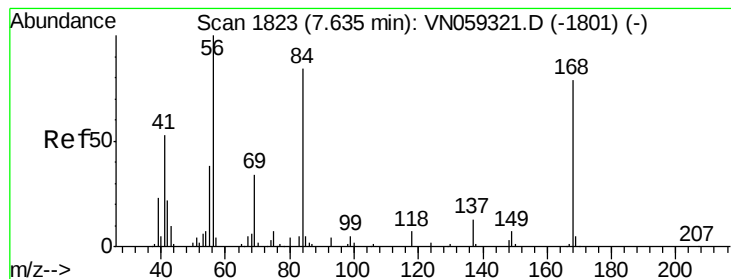
Tgt Ion: 42 Resp: 494481
Ion Ratio Lower Upper
42 100
72 43.8 34.2 51.2
71 40.8 32.6 48.8



#30
Chloroform
Concen: 49.013 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 83 Resp: 373093
Ion Ratio Lower Upper
83 100
85 65.3 52.7 79.1





#31

Cyclohexane

Concen: 46.548 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

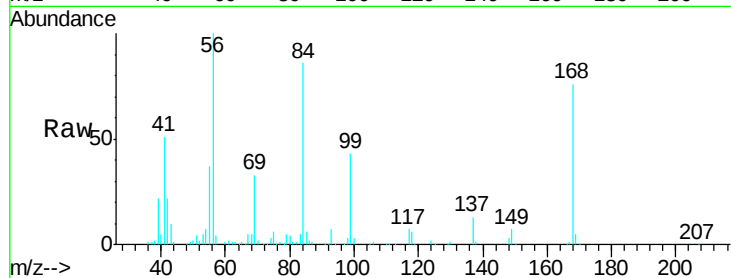
Tgt Ion: 56 Resp: 361009

Ion Ratio Lower Upper

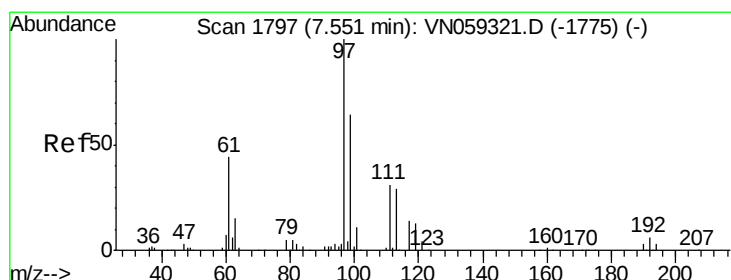
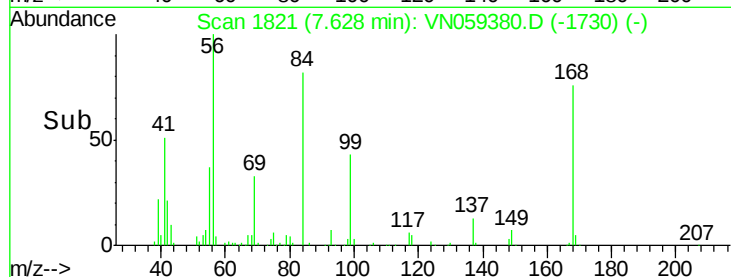
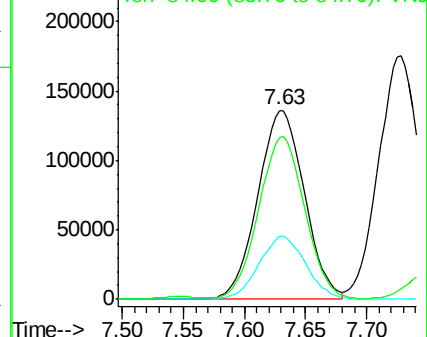
56 100

69 33.3 26.6 40.0

84 84.7 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: 48.887 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

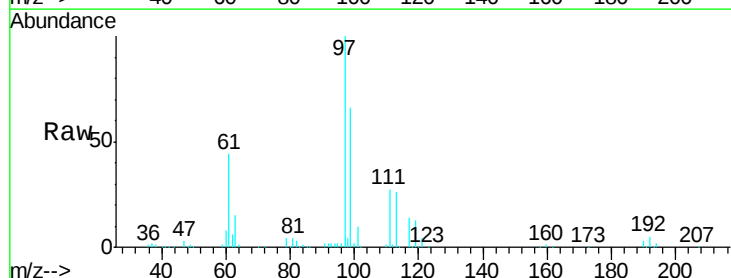
Tgt Ion: 97 Resp: 319726

Ion Ratio Lower Upper

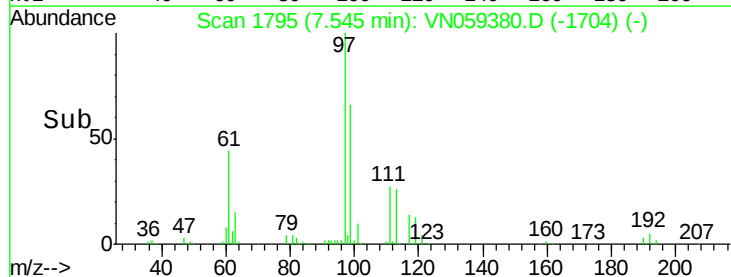
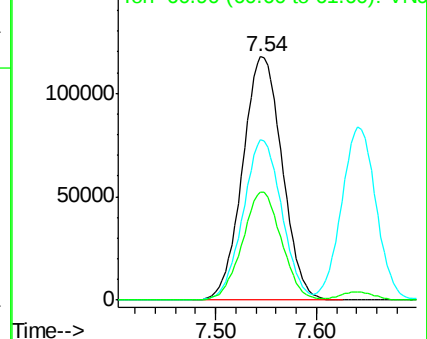
97 100

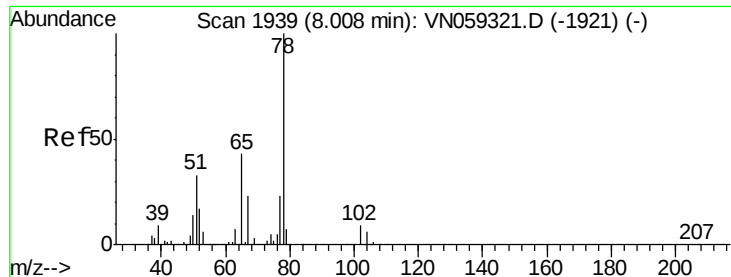
99 64.4 51.3 76.9

61 43.8 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

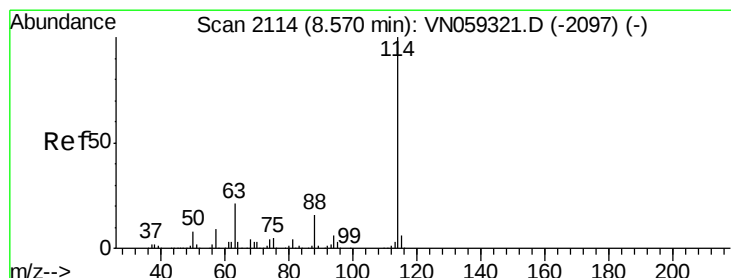
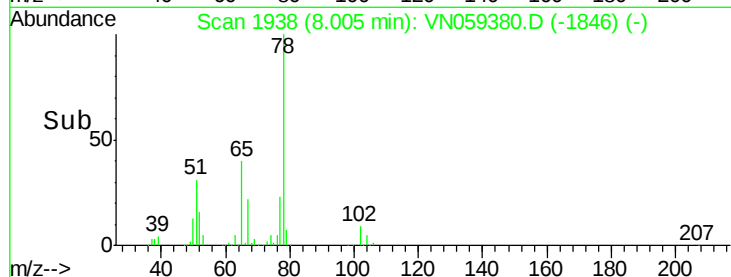
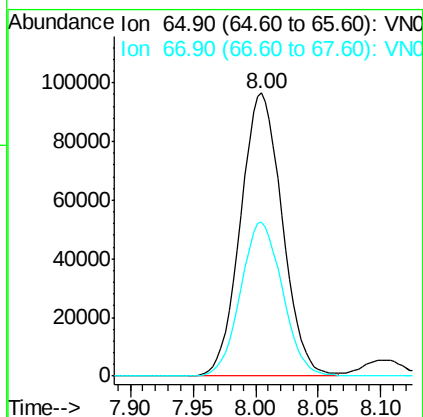
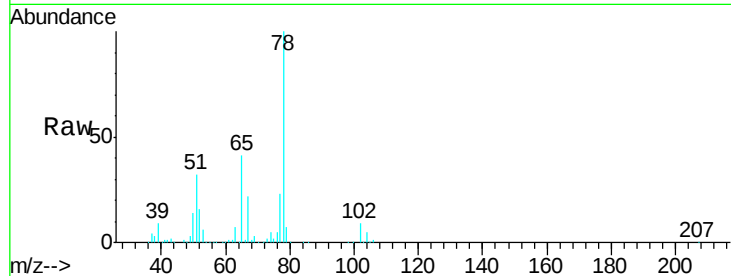




#33
 1,2-Dichloroethane-d4
 Concen: 50.713 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

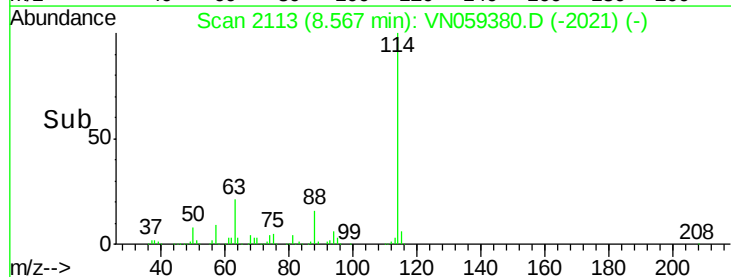
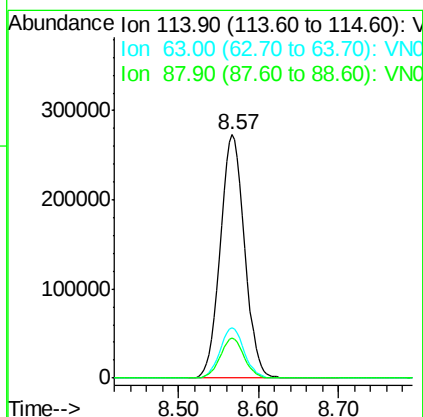
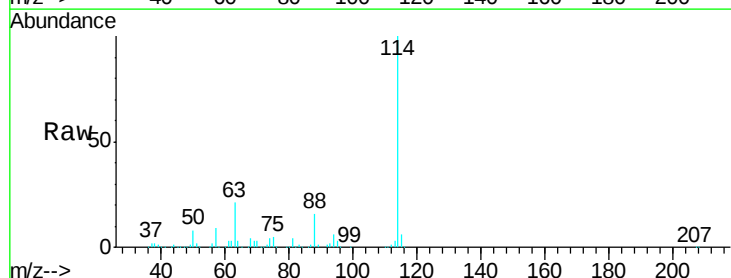
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

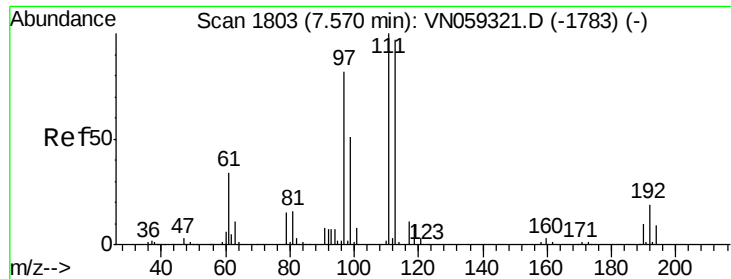
Tgt Ion: 65 Resp: 223371
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion: 114 Resp: 571381
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.2
 88 16.4 0.0 32.2

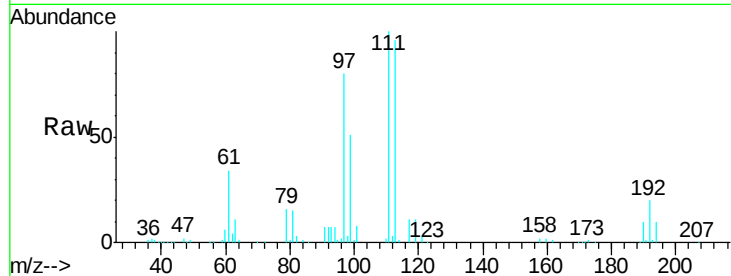




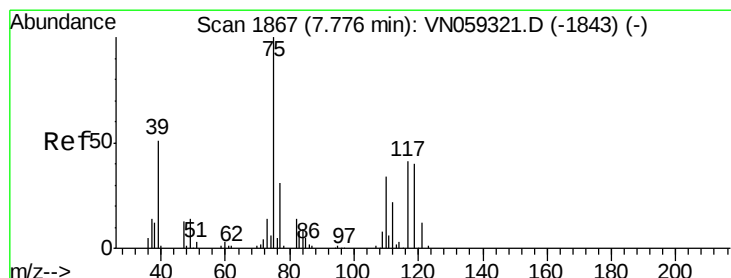
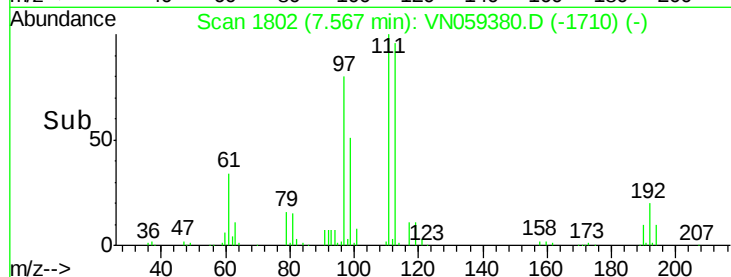
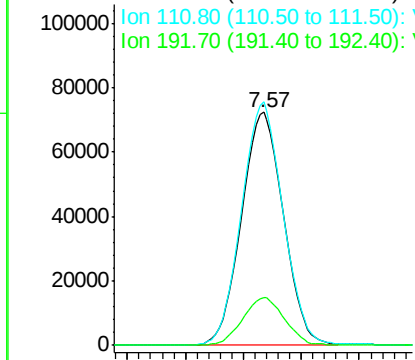
#35
Dibromofluoromethane
Concen: 53.223 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 182445
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 20.5 16.3 24.5

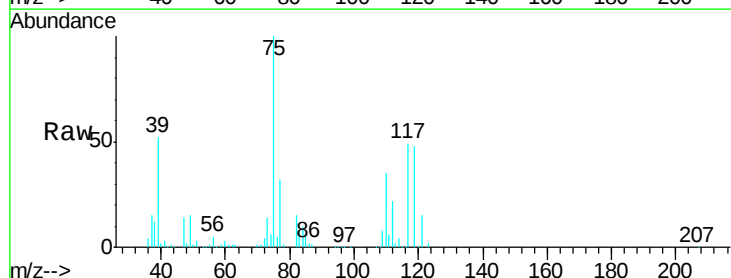


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

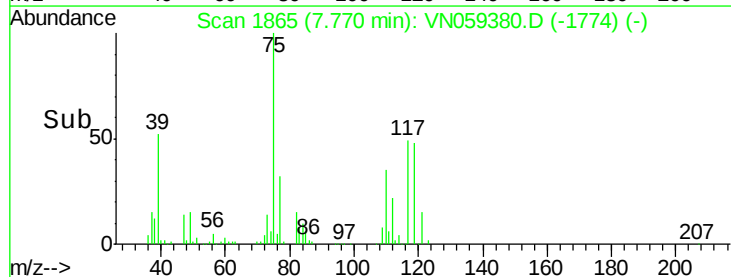
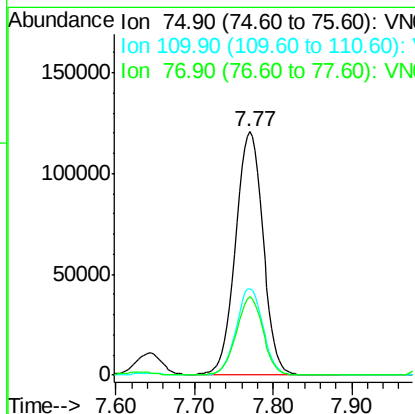


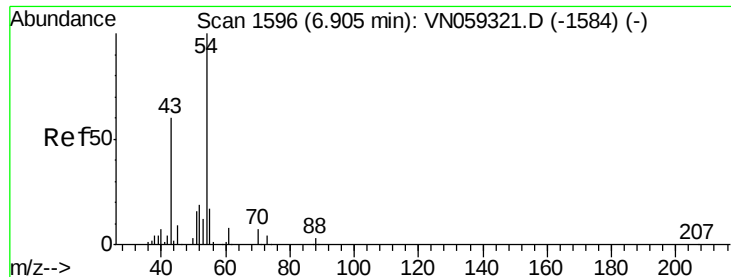
#36
1,1-Dichloropropene
Concen: 49.978 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 75 Resp: 294804
Ion Ratio Lower Upper
75 100
110 34.8 17.0 51.0
77 31.5 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

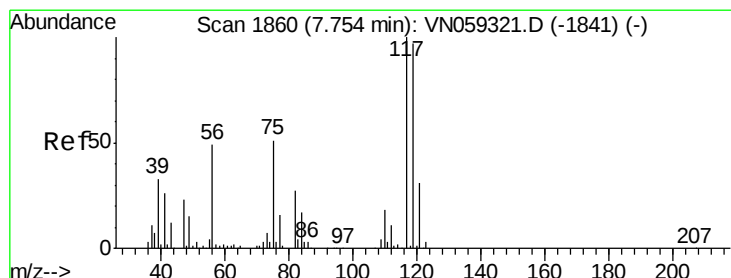
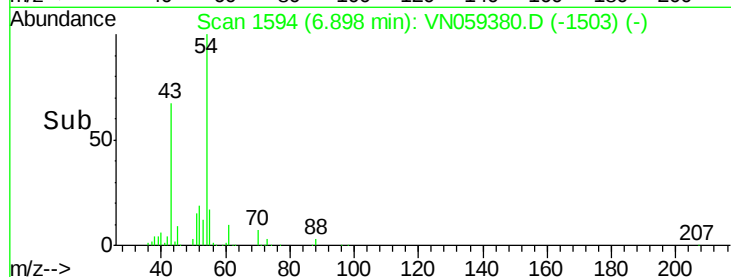
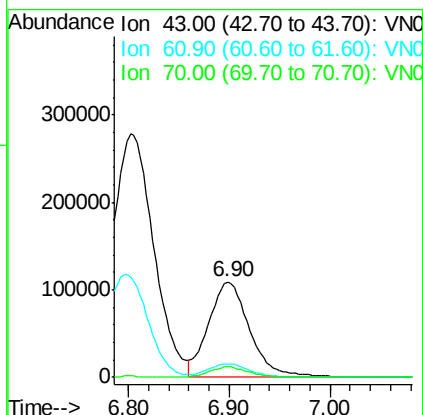
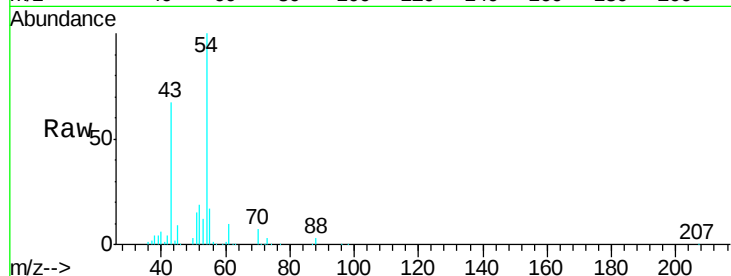




#37
Ethyl Acetate
Concen: 47.800 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

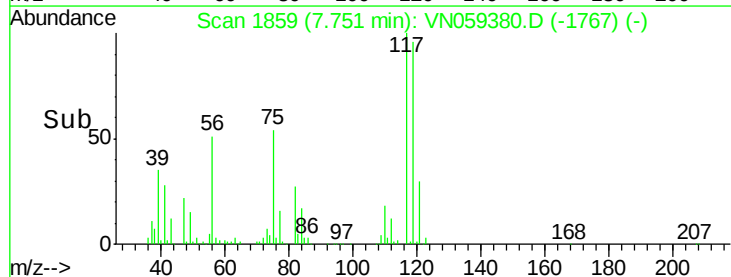
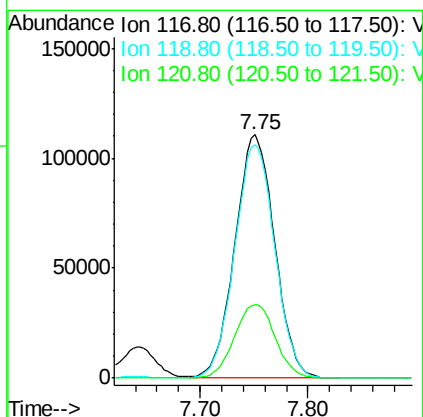
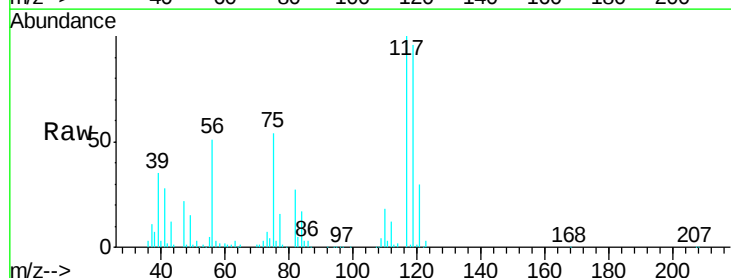
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

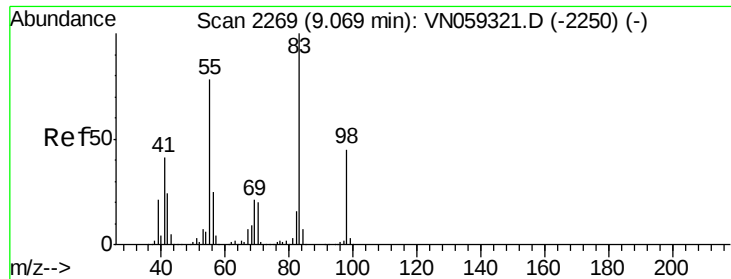
Tgt Ion: 43 Resp: 303027
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.179 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 117 Resp: 283355
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4
121 30.3 24.4 36.6

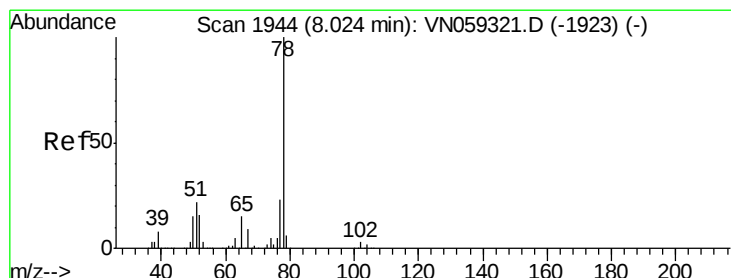
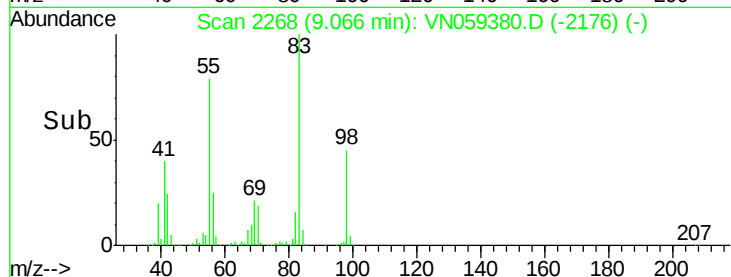
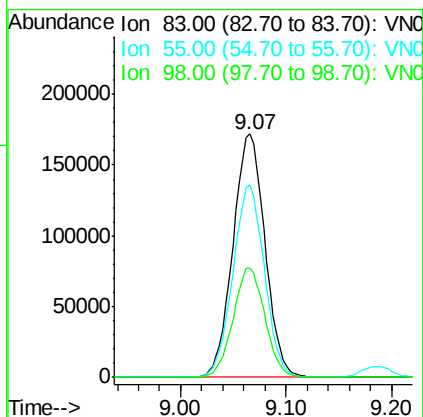
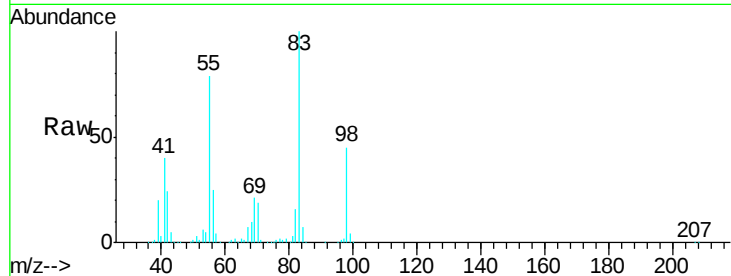




#39
Methylcyclohexane
Concen: 50.907 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

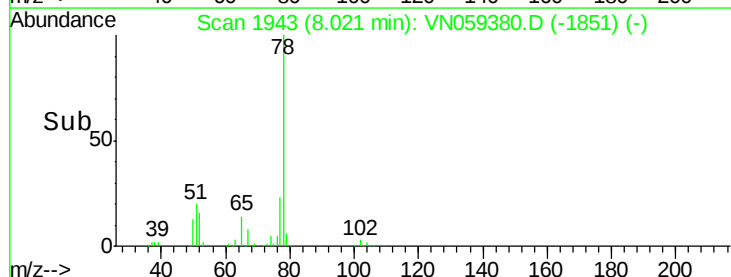
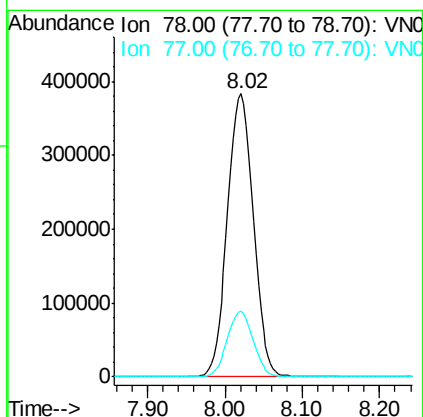
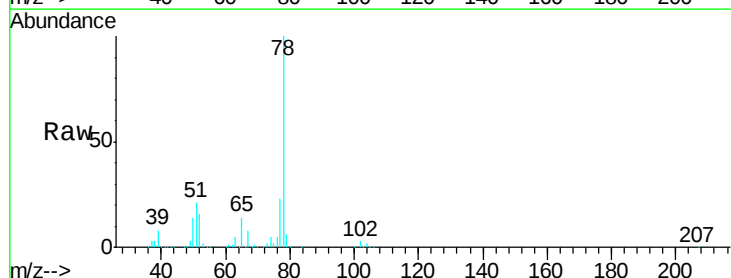
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

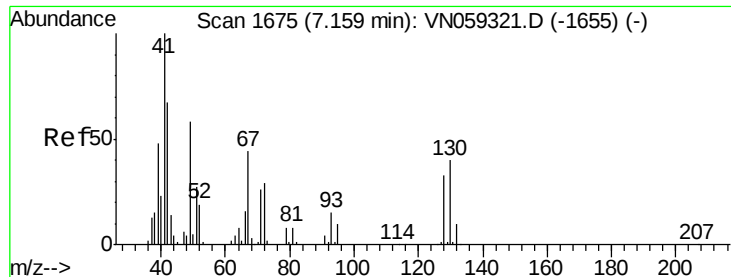
Tgt Ion: 83 Resp: 362096
Ion Ratio Lower Upper
83 100
55 78.8 62.3 93.5
98 44.9 36.0 54.0



#40
Benzene
Concen: 51.602 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 78 Resp: 893349
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6





#41

Methacrylonitrile

Concen: 45.671 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 128529

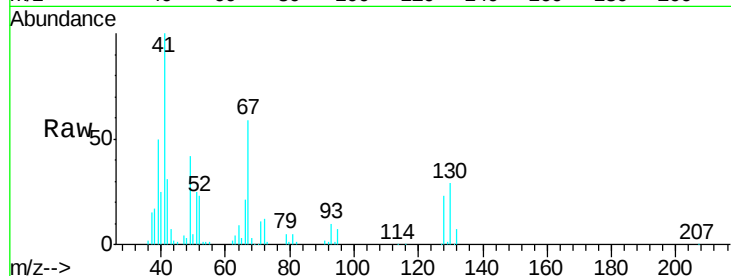
Ion Ratio Lower Upper

41 100

39 65.3 0.0 0.0#

67 93.3 0.0 0.0#

52 36.5 0.0 0.0#



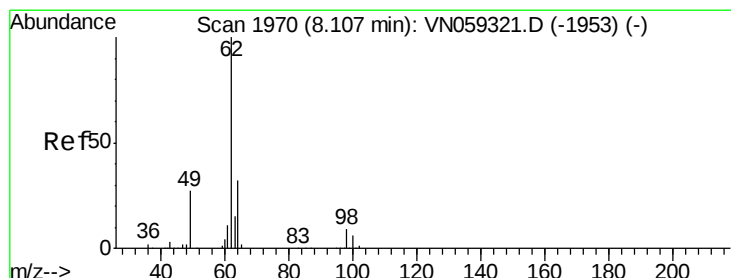
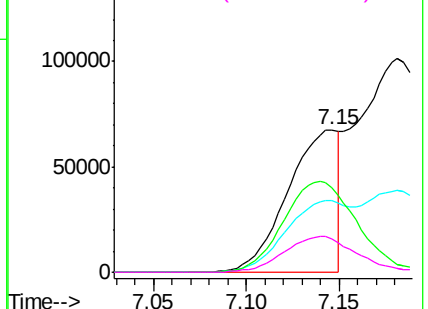
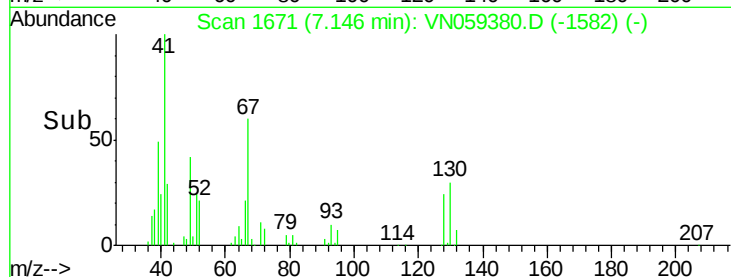
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 50.245 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VN059380.D

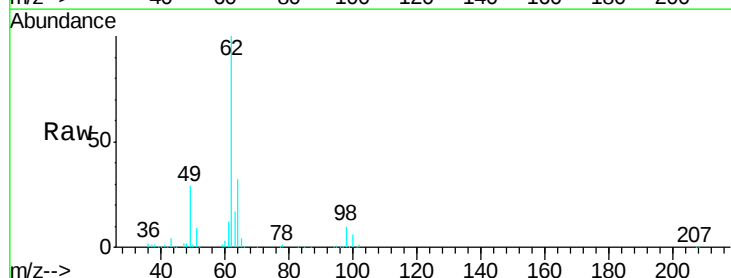
Acq: 25 Nov 2019 13:12

Tgt Ion: 62 Resp: 287689

Ion Ratio Lower Upper

62 100

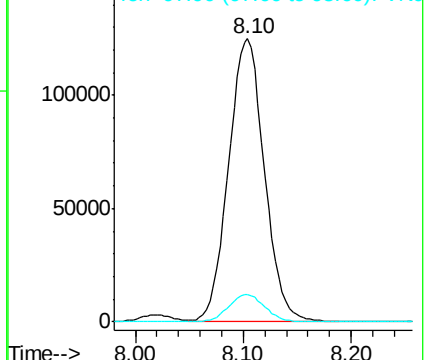
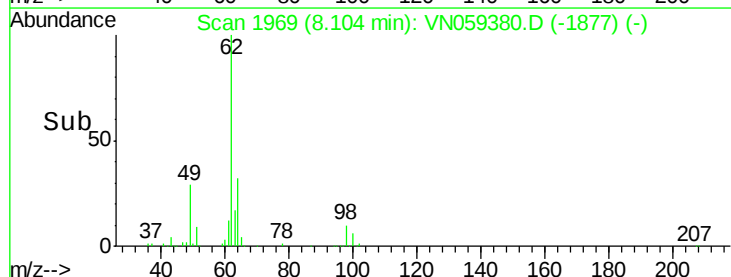
98 9.7 0.0 18.6

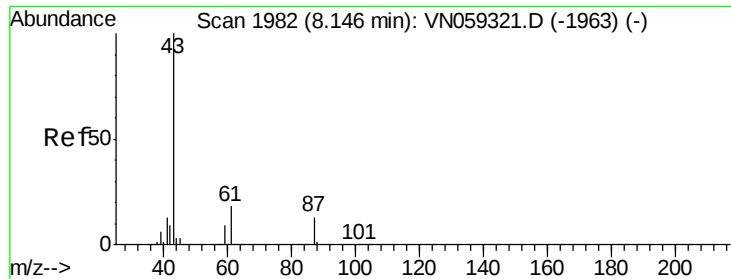


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

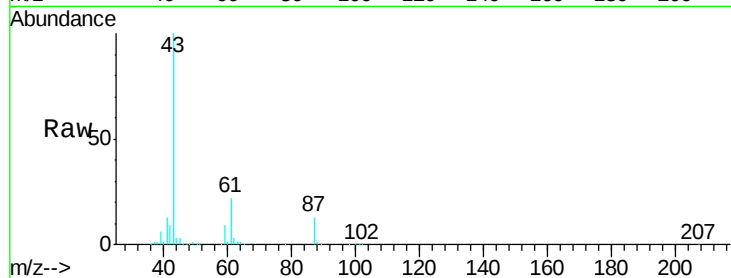




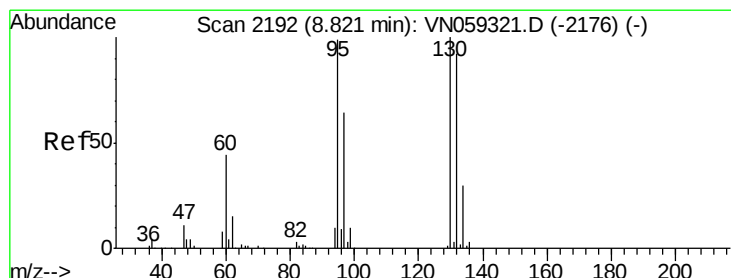
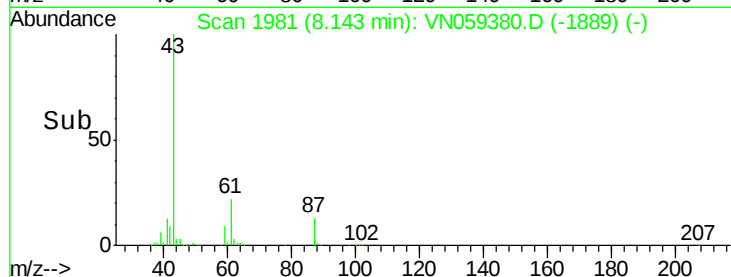
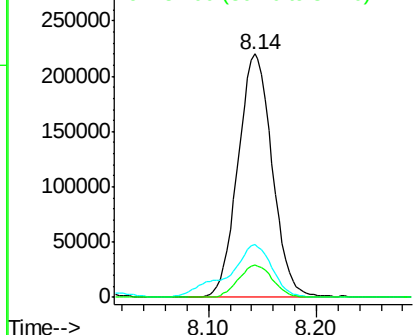
#43
Isopropyl Acetate
Concen: 49.904 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 483492
Ion Ratio Lower Upper
43 100
61 28.1 21.7 32.5
87 13.3 10.2 15.4

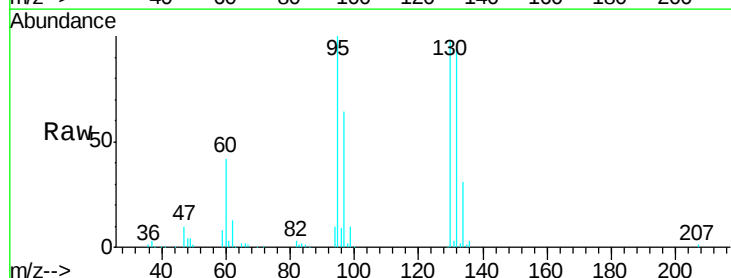


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

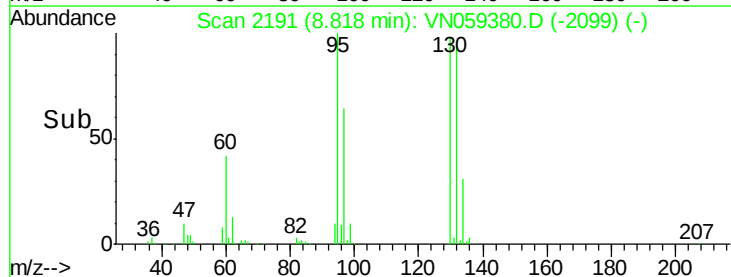
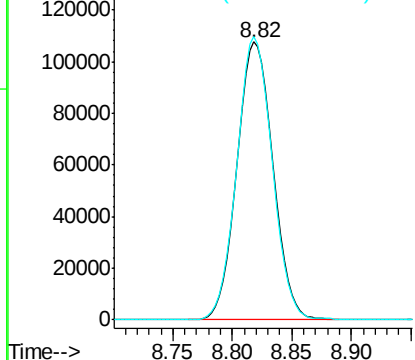


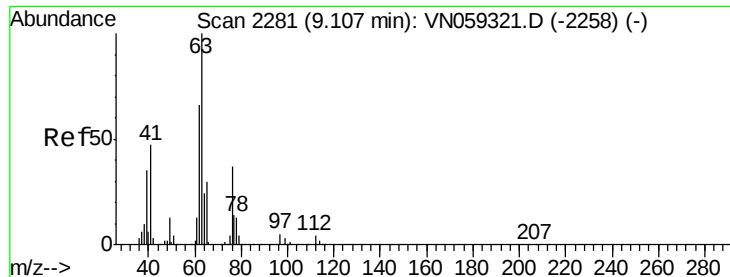
#44
Trichloroethene
Concen: 51.590 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 130 Resp: 226358
Ion Ratio Lower Upper
130 100
95 101.8 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: 51.640 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

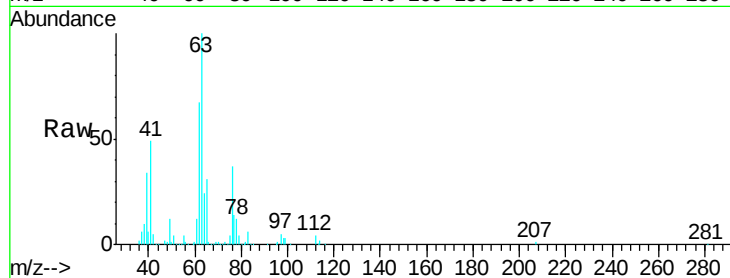
VSTDCCC050

Tgt Ion: 63 Resp: 238395

Ion Ratio Lower Upper

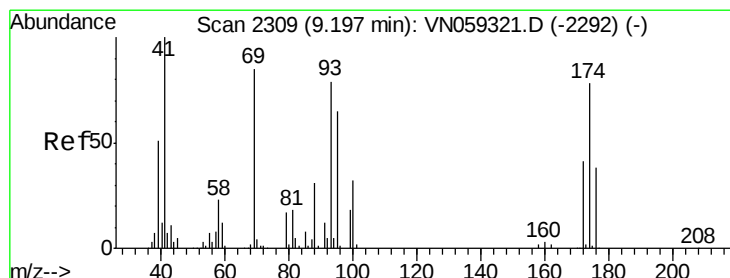
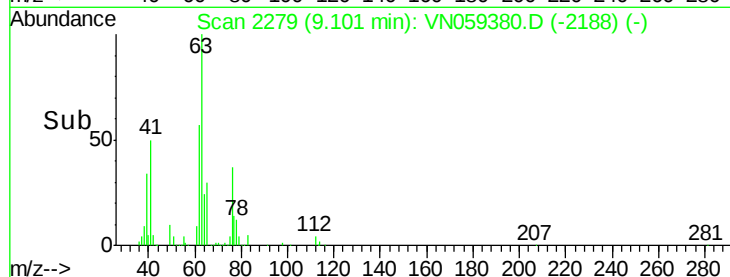
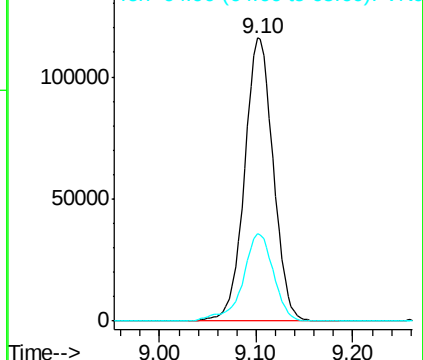
63 100

65 30.8 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: 50.874 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

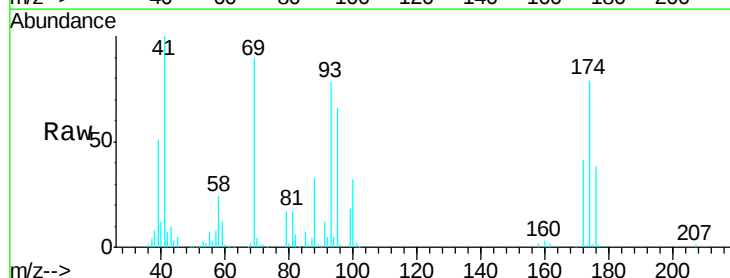
Tgt Ion: 93 Resp: 144058

Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

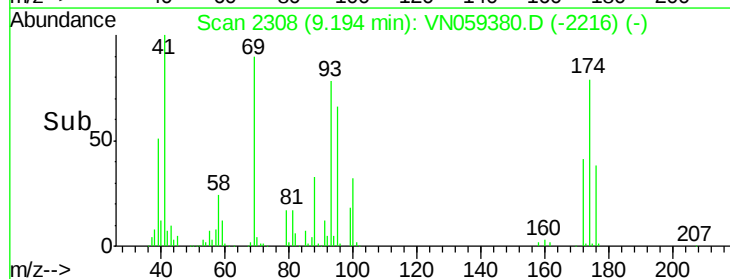
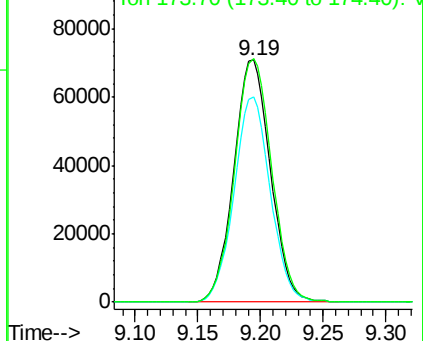
174 102.1 80.6 120.8

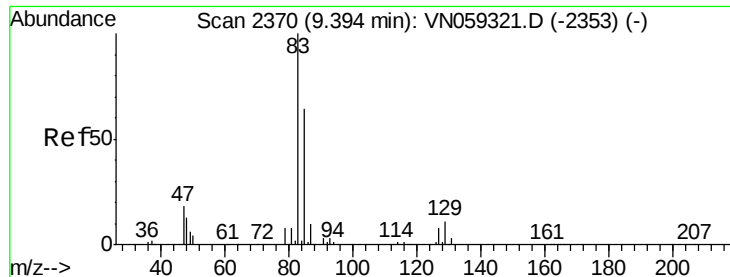


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.048 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

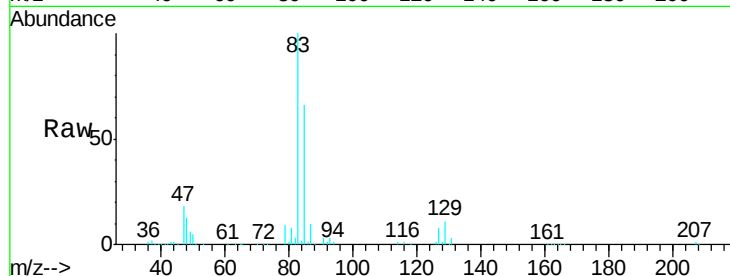
Tgt Ion: 83 Resp: 295167

Ion Ratio Lower Upper

83 100

85 65.9 51.5 77.3

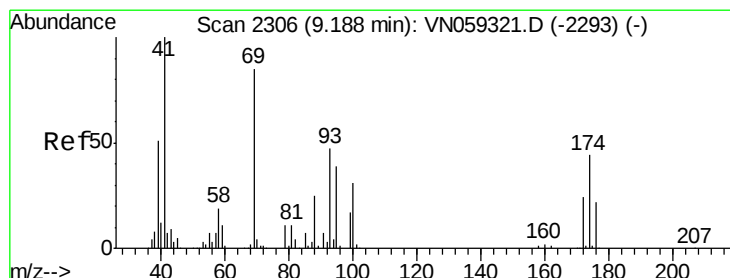
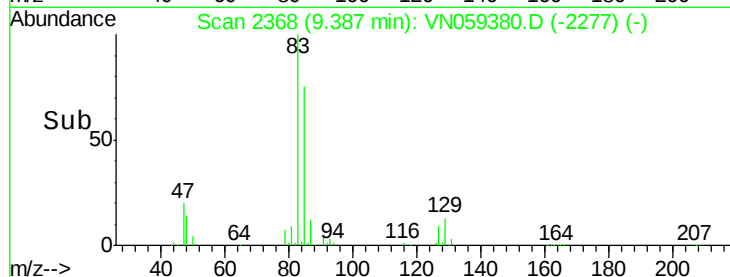
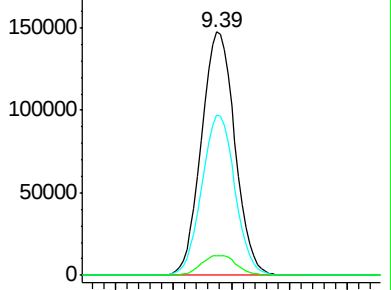
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN059380.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN059380.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN059380.D (-2277) (-)



#48

Methyl methacrylate

Concen: 49.972 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

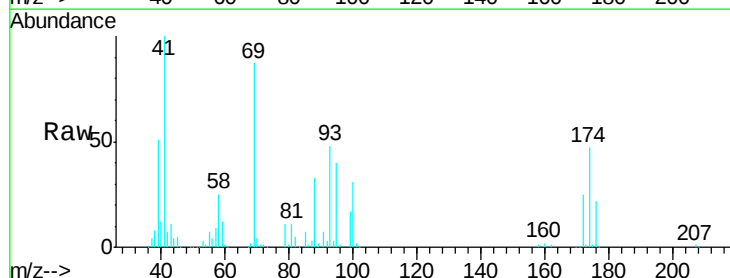
Tgt Ion: 41 Resp: 220164

Ion Ratio Lower Upper

41 100

69 89.9 68.8 103.2

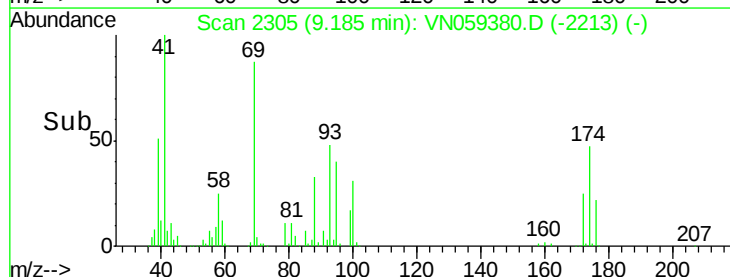
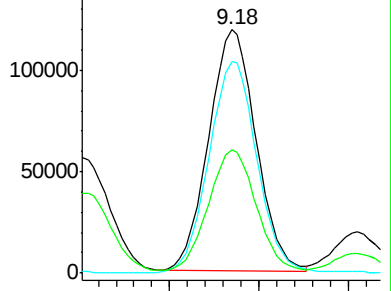
39 52.3 42.1 63.1

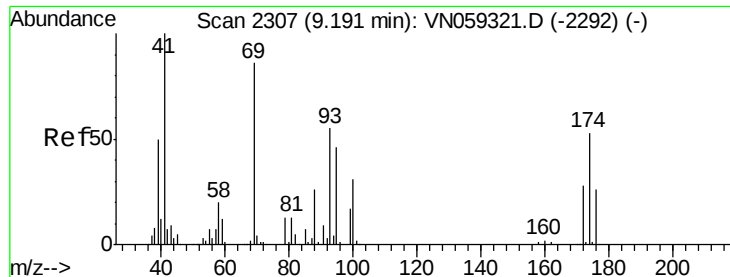


Abundance Ion 41.00 (40.70 to 41.70): VN059380.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN059380.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN059380.D (-2213) (-)

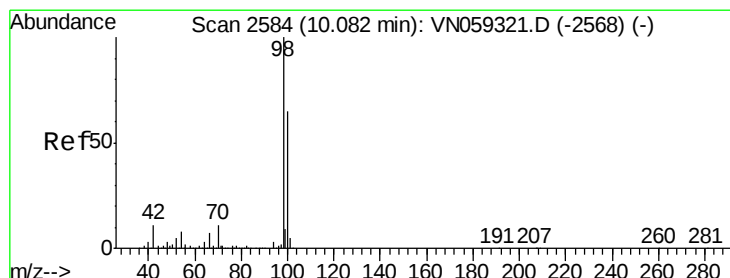
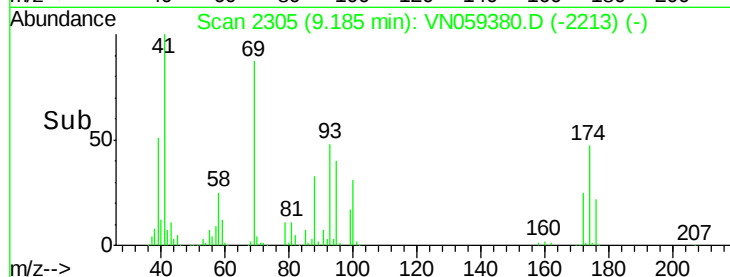
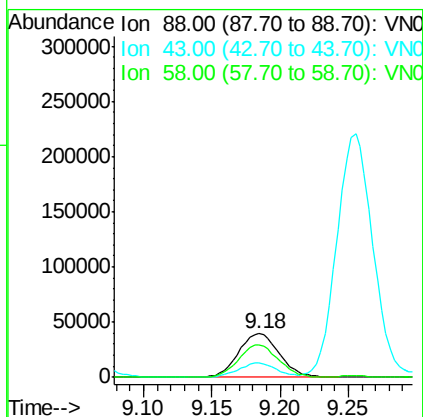
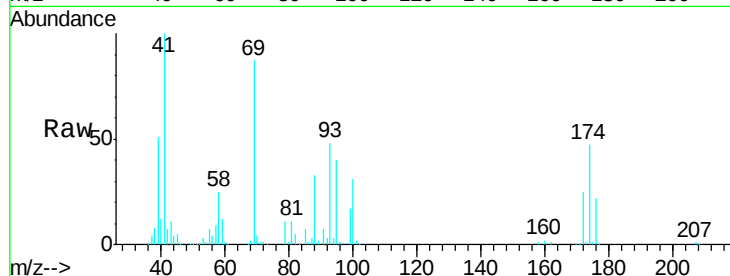




#49
1,4-Dioxane
Concen: 1245.102 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

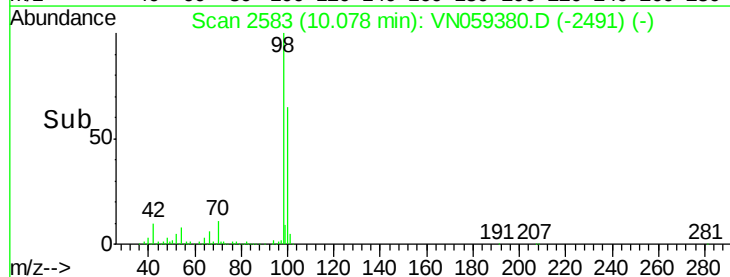
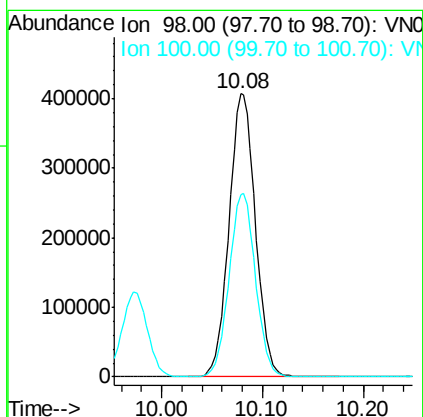
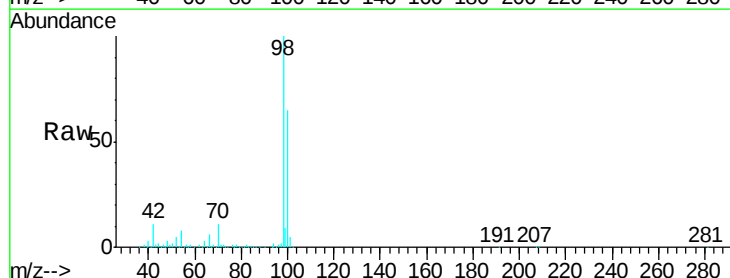
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

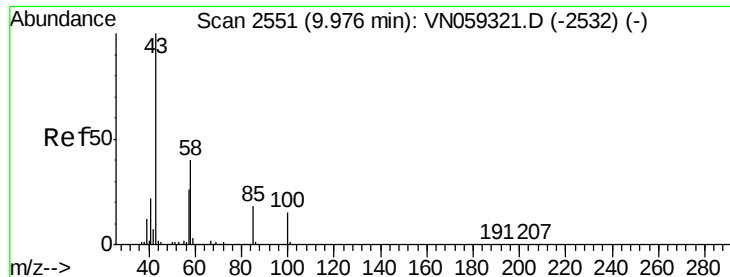
Tgt Ion: 88 Resp: 82445
Ion Ratio Lower Upper
88 100
43 30.2 26.9 40.3
58 72.5 59.2 88.8



#50
Toluene-d8
Concen: 54.411 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 98 Resp: 741492
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 261.523 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

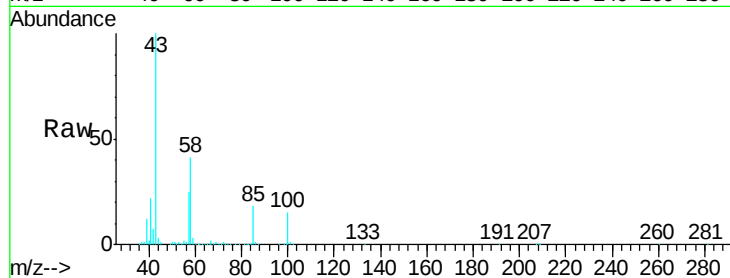
VSTDCCC050

Tgt Ion: 43 Resp: 1483064

Ion Ratio Lower Upper

43 100

58 40.7 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

800000

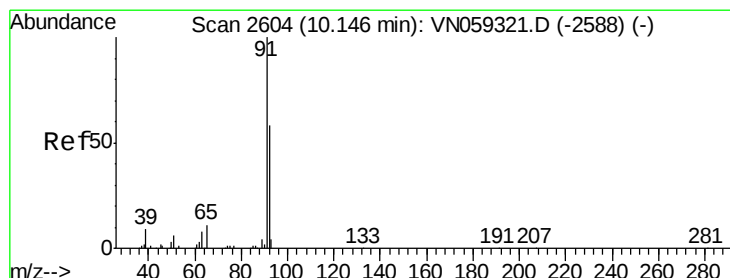
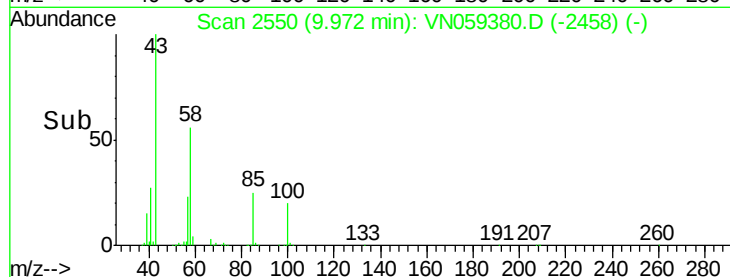
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.208 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059380.D

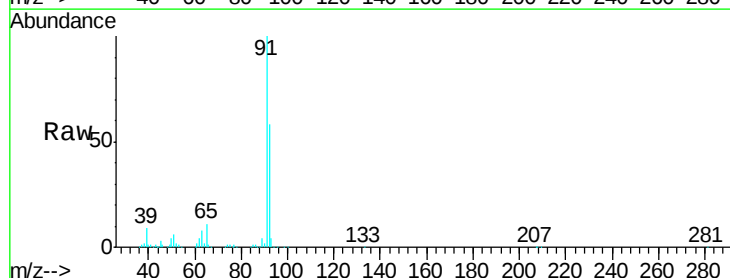
Acq: 25 Nov 2019 13:12

Tgt Ion: 92 Resp: 543481

Ion Ratio Lower Upper

92 100

91 172.8 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

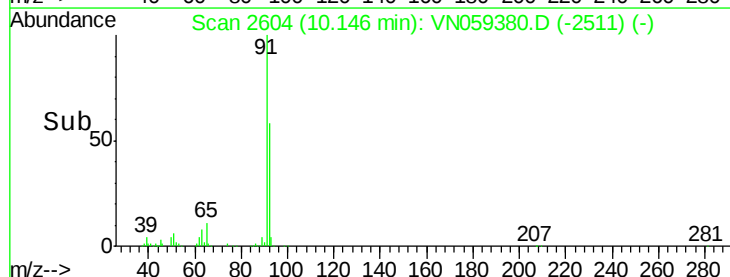
300000

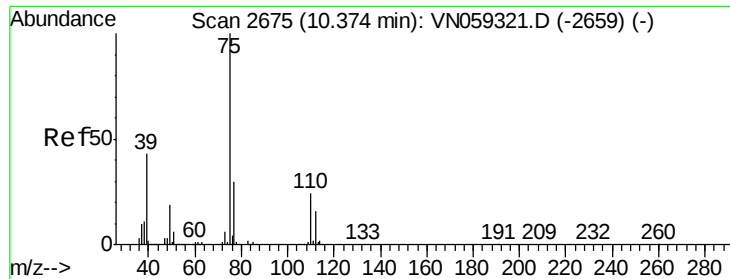
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.726 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

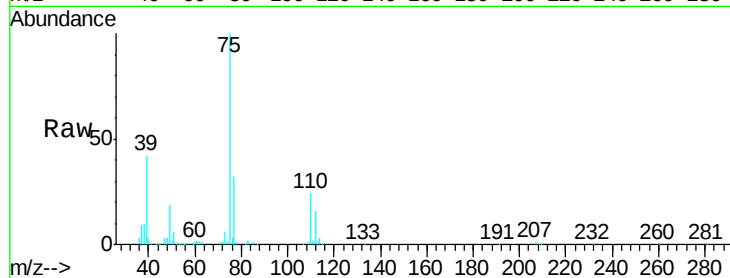
VSTDCCC050

Tgt Ion: 75 Resp: 347590

Ion Ratio Lower Upper

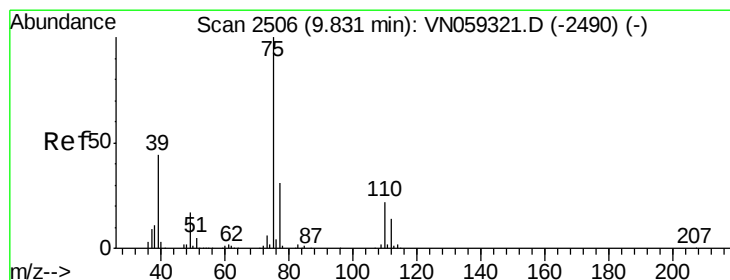
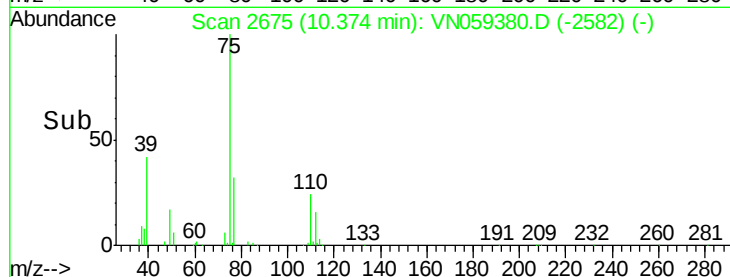
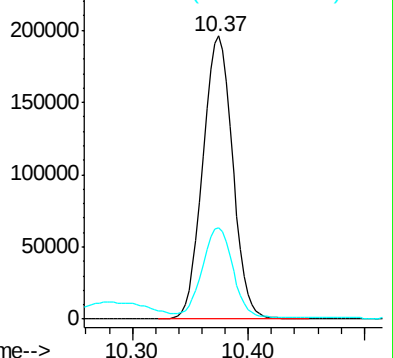
75 100

77 32.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

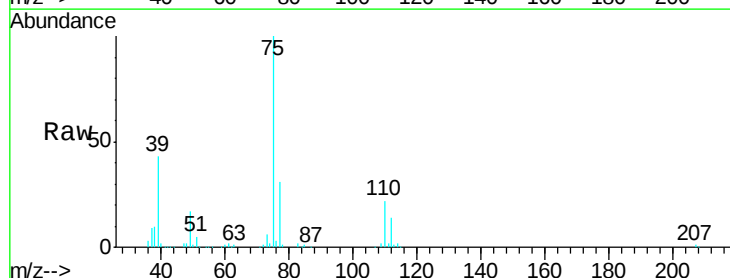
Tgt Ion: 75 Resp: 382182

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

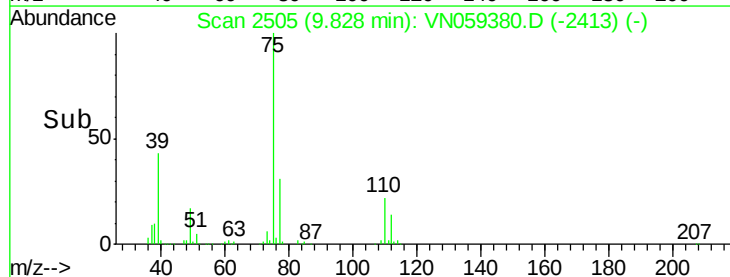
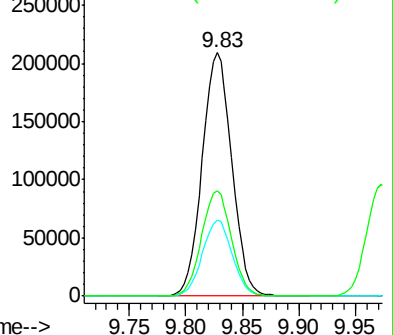
39 43.4 35.5 53.3

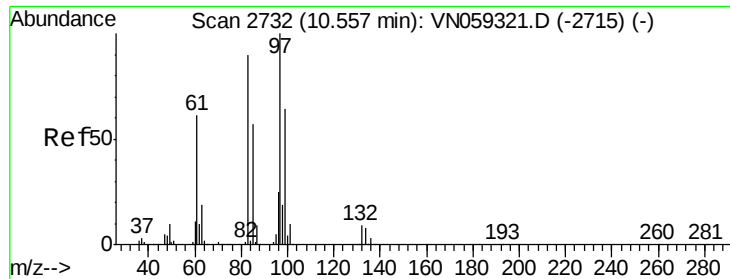


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

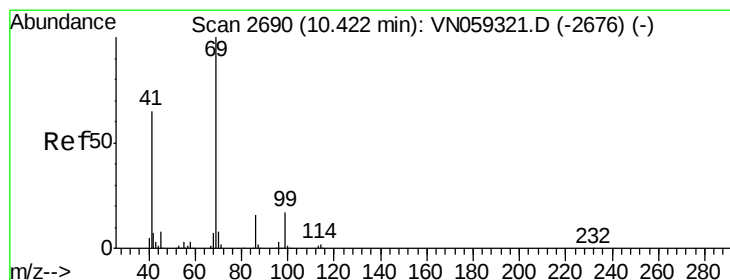
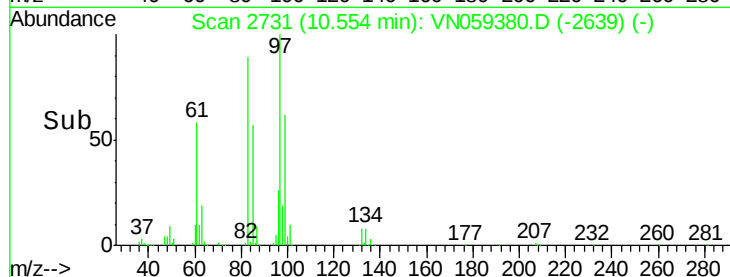
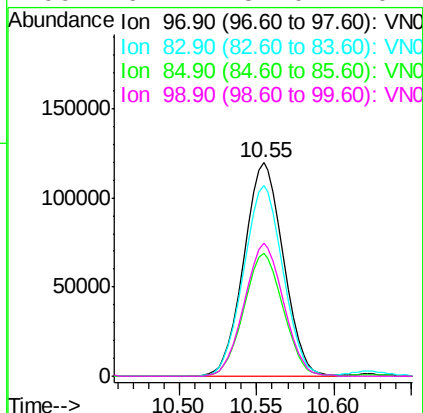
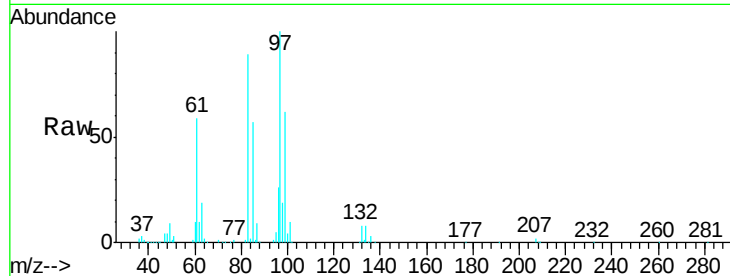




#55
 1,1,2-Trichloroethane
 Concen: 52.659 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

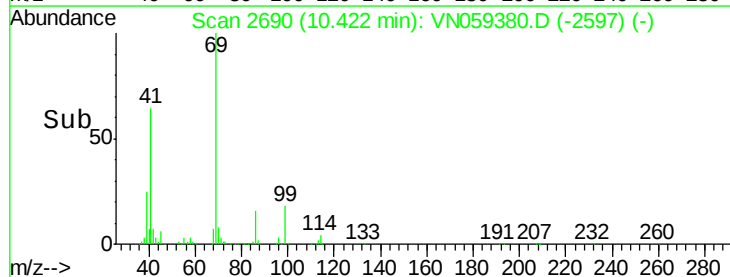
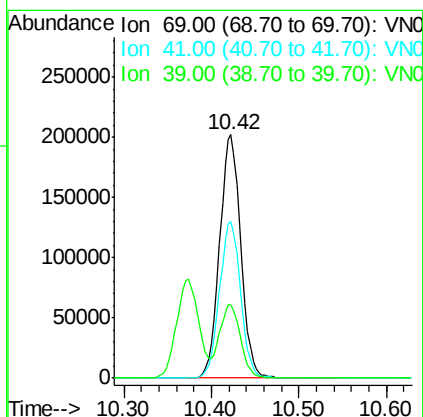
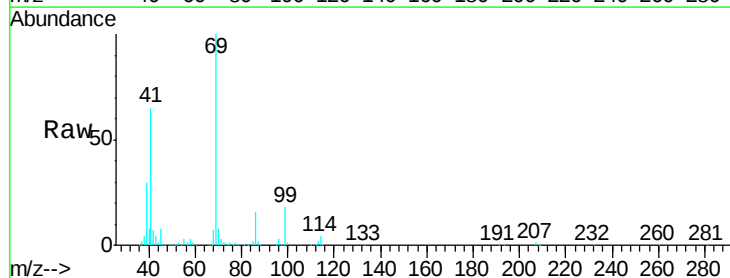
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

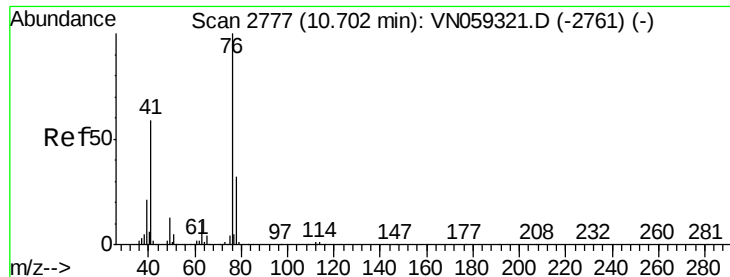
Tgt Ion:	97	Resp:	213133
Ion	Ratio	Lower	Upper
97	100		
83	89.5	72.0	108.0
85	57.3	45.8	68.6
99	62.2	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 49.515 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion:	69	Resp:	338314
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.7	77.5
39	29.6	25.2	37.8





#57

1,3-Dichloropropane

Concen: 52.503 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

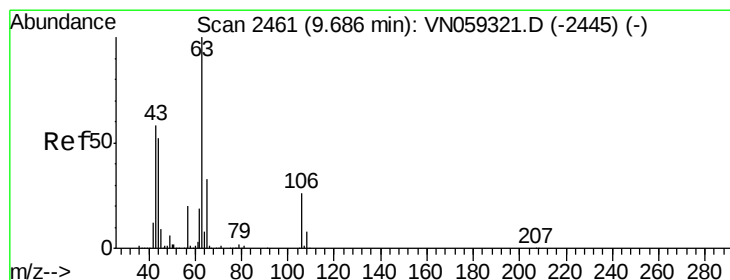
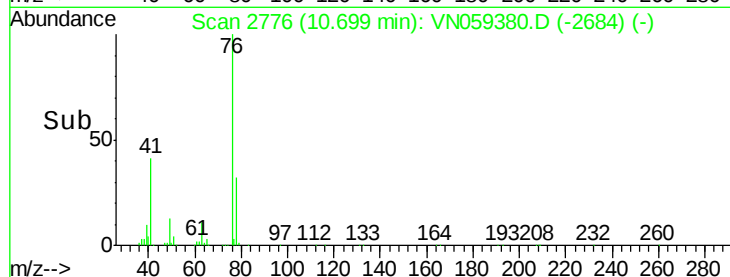
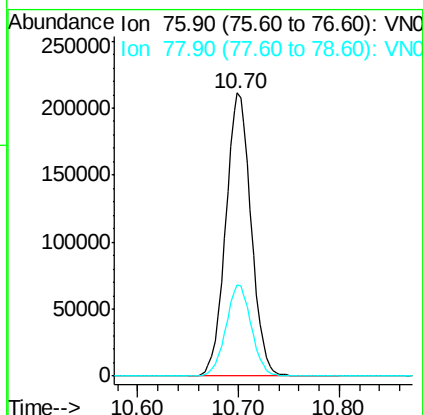
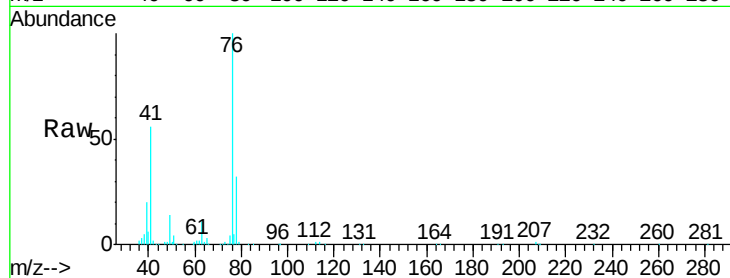
VSTDCCC050

Tgt Ion: 76 Resp: 370375

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 281.691 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059380.D

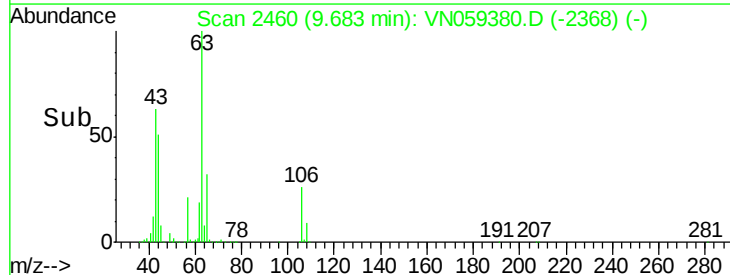
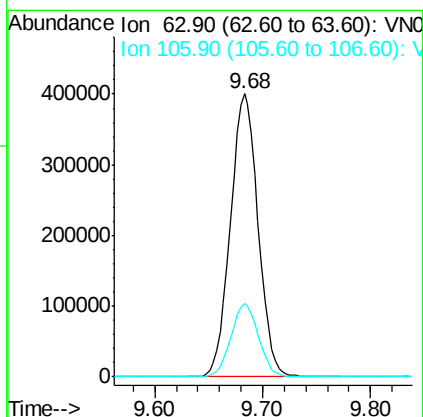
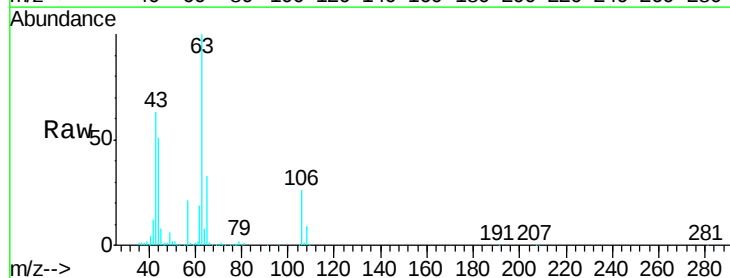
Acq: 25 Nov 2019 13:12

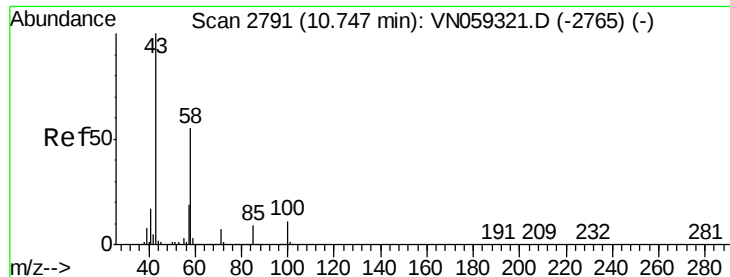
Tgt Ion: 63 Resp: 714749

Ion Ratio Lower Upper

63 100

106 25.8 20.5 30.7

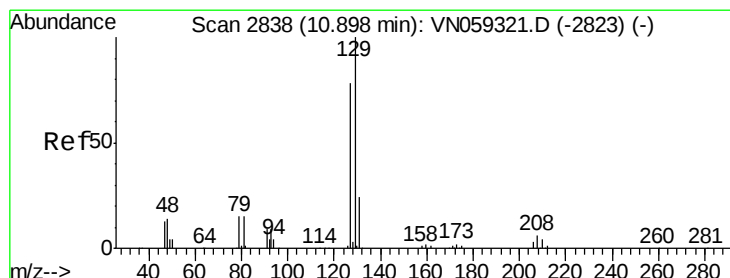
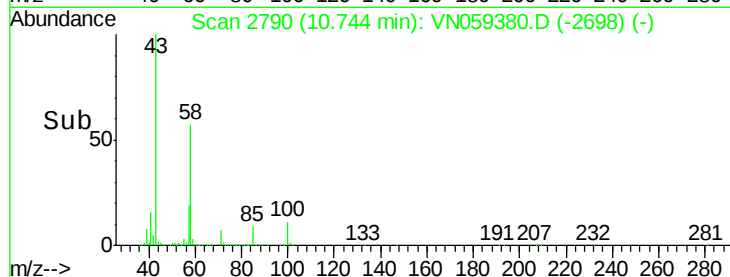
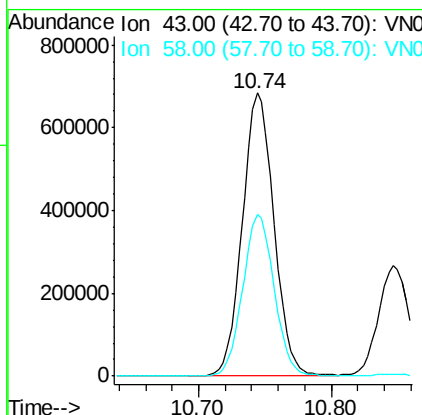
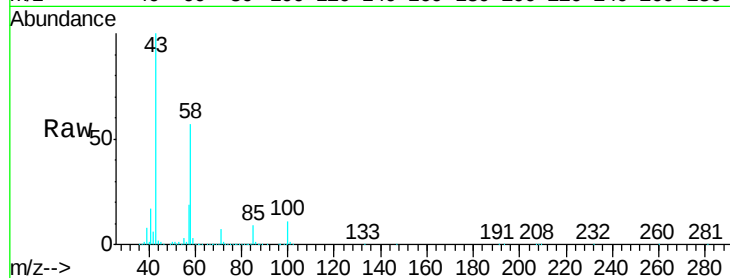




#59
2-Hexanone
Concen: 271.990 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

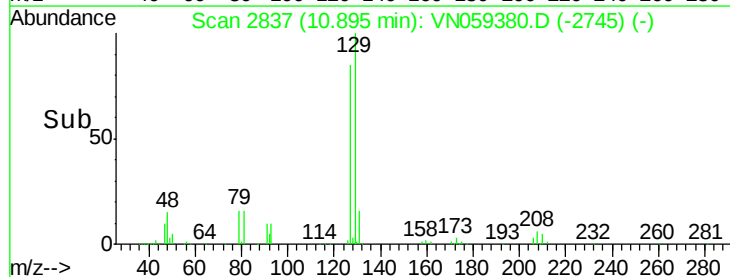
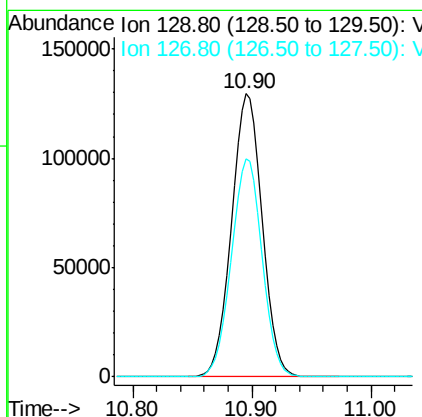
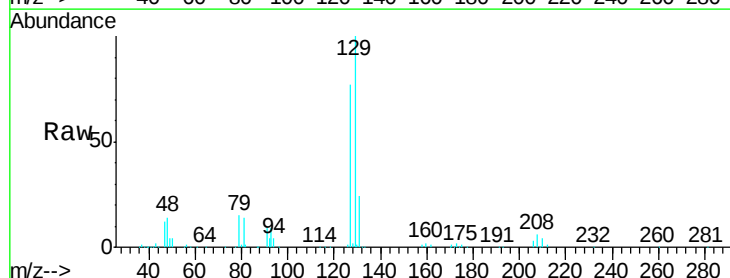
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

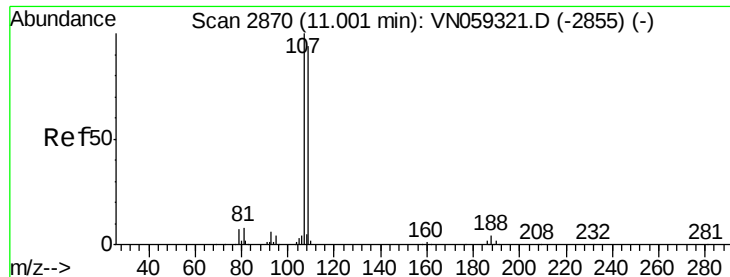
Tgt Ion: 43 Resp: 1129429
Ion Ratio Lower Upper
43 100
58 57.2 27.7 83.0



#60
Dibromochloromethane
Concen: 54.097 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 129 Resp: 230728
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

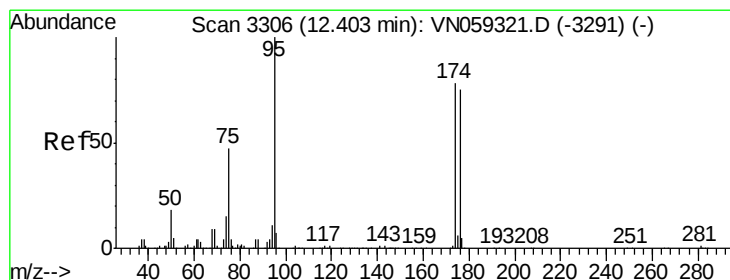
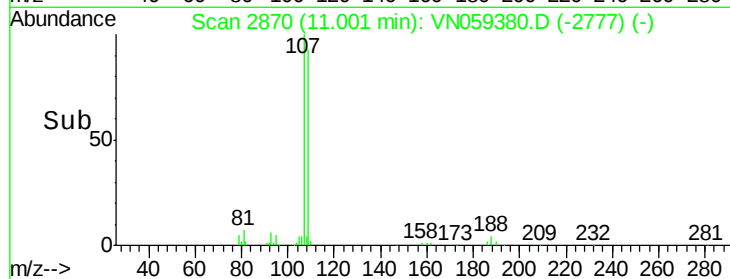
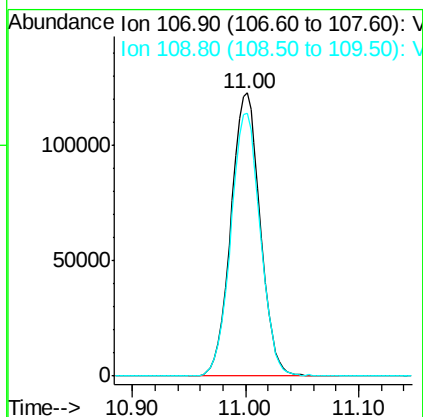
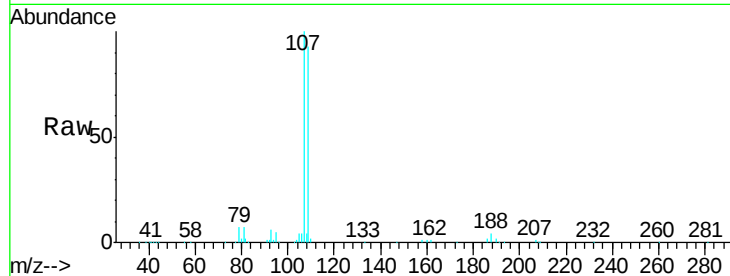




#61
 1,2-Dibromoethane
 Concen: 52.404 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

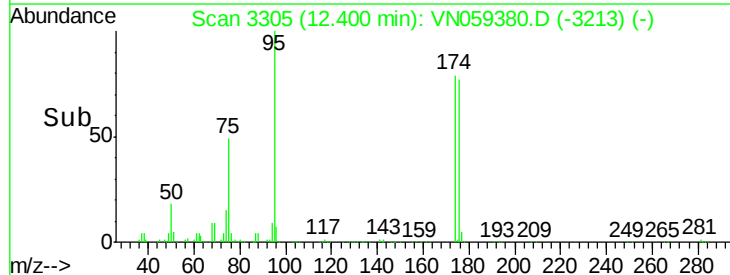
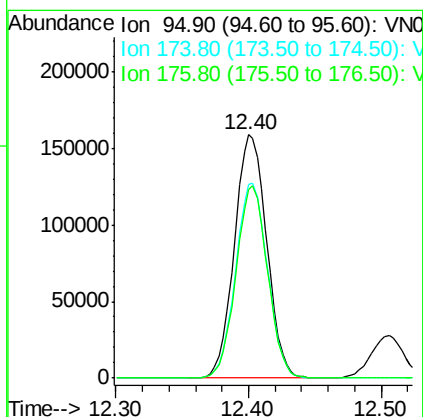
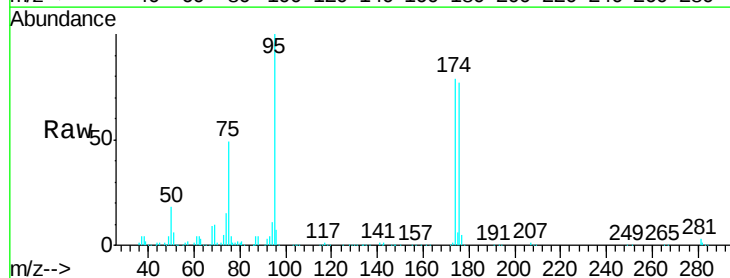
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

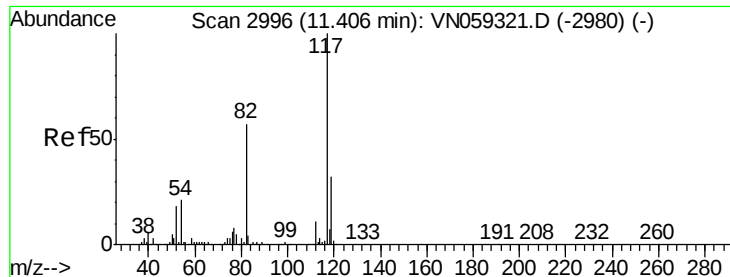
Tgt Ion: 107 Resp: 220692
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 56.388 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion: 95 Resp: 268690
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 157.4
 176 77.2 0.0 151.2

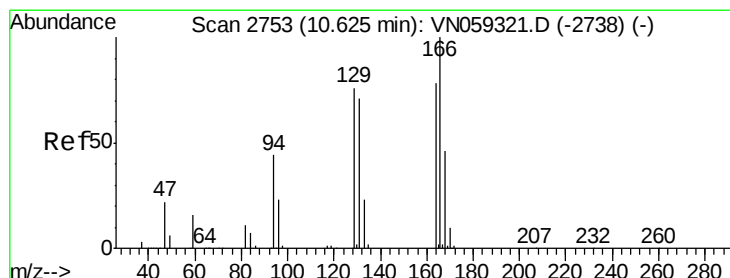
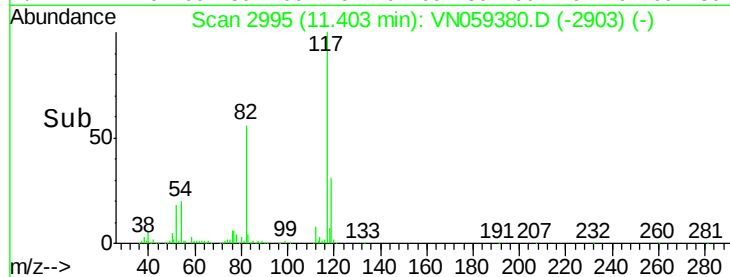
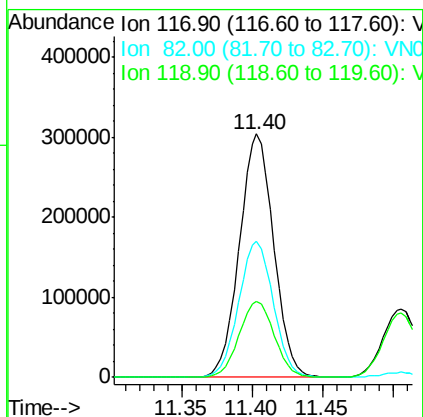
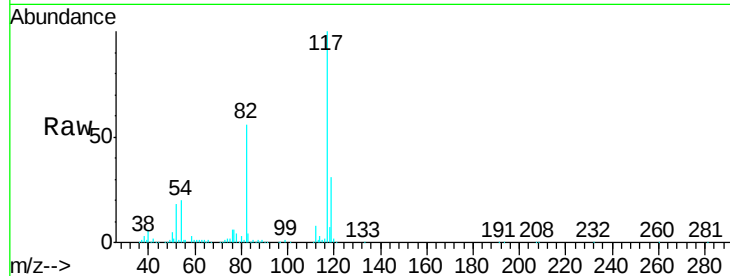




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

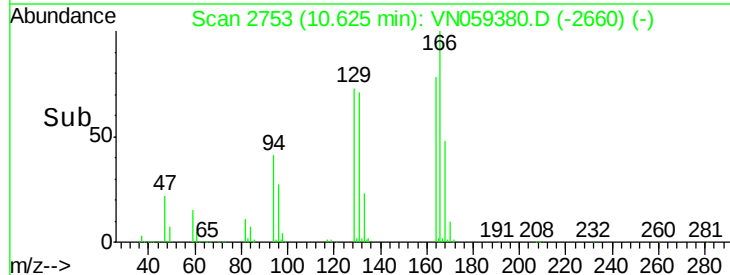
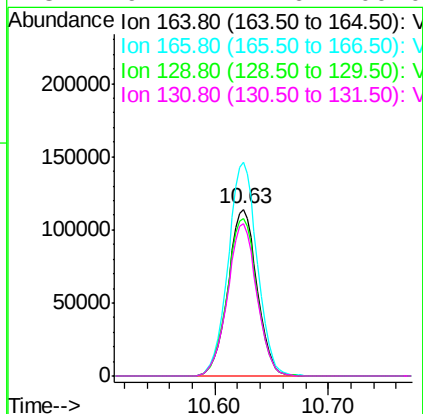
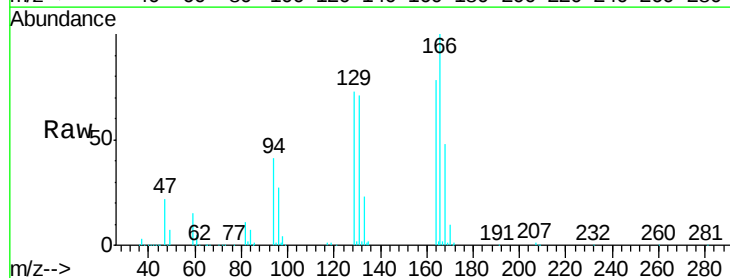
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

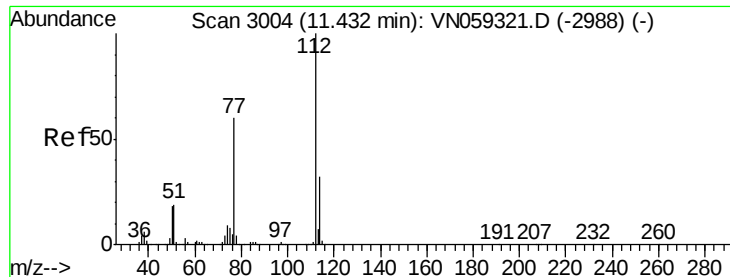
Tgt Ion:117 Resp: 517722
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 50.663 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion:164 Resp: 202860
Ion Ratio Lower Upper
164 100
166 128.3 102.9 154.3
129 94.2 78.2 117.2
131 91.4 72.6 109.0





#65

Chlorobenzene

Concen: 51.511 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

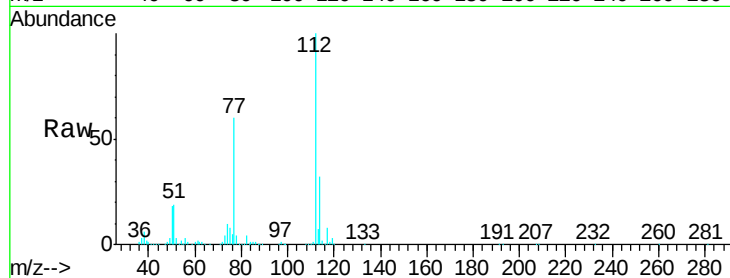
VSTDCCC050

Tgt Ion:112 Resp: 573430

Ion Ratio Lower Upper

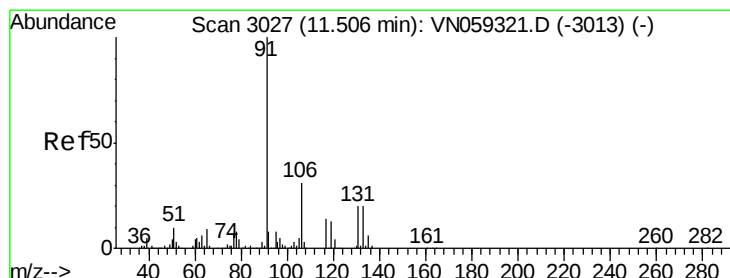
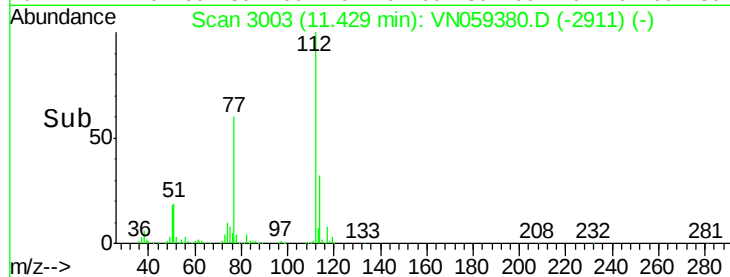
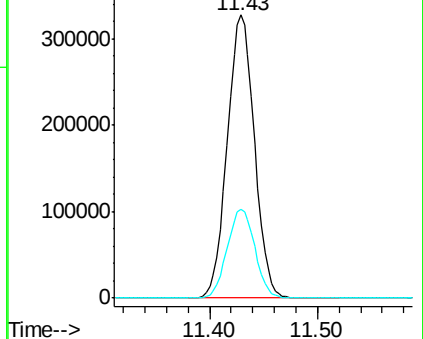
112 100

114 31.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.853 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

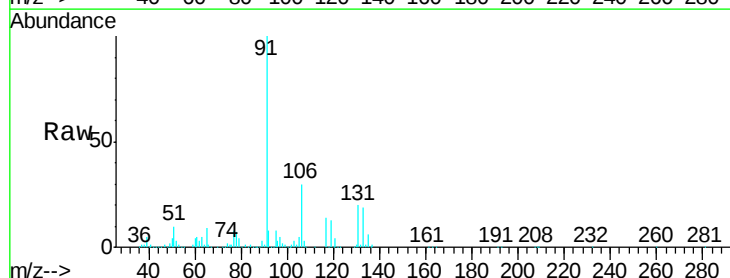
Tgt Ion:131 Resp: 213744

Ion Ratio Lower Upper

131 100

133 95.3 48.2 144.6

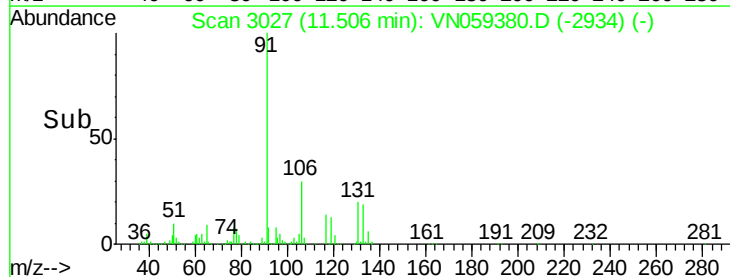
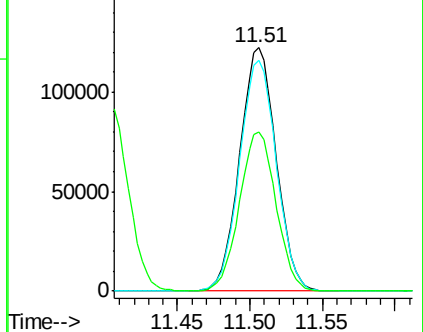
119 65.7 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.741 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

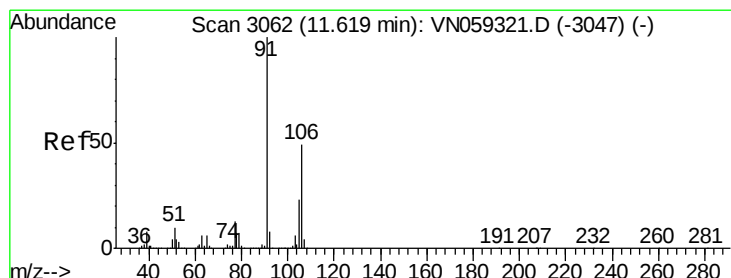
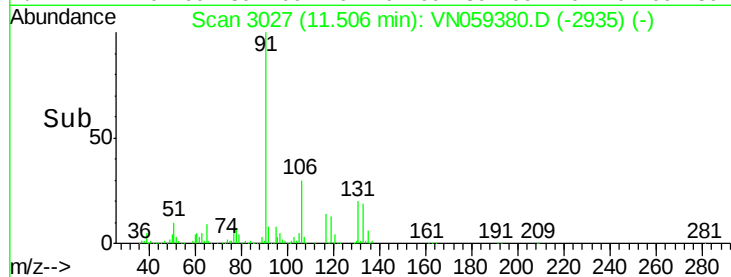
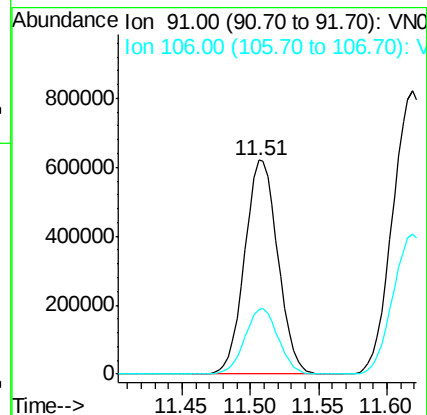
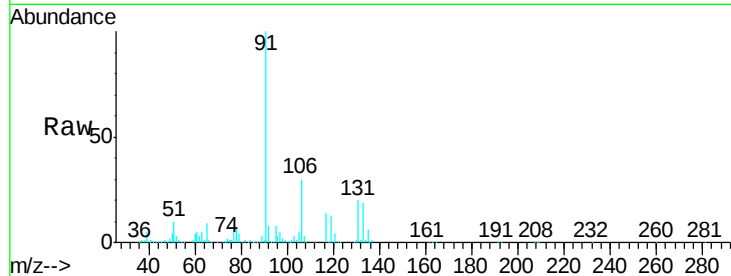
VSTDCCC050

Tgt Ion: 91 Resp: 1048303

Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0



#68

m/p-Xylenes

Concen: 106.324 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059380.D

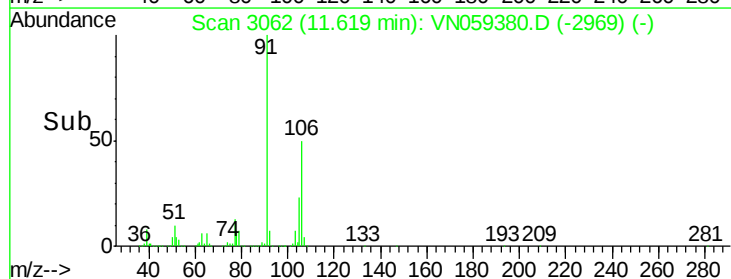
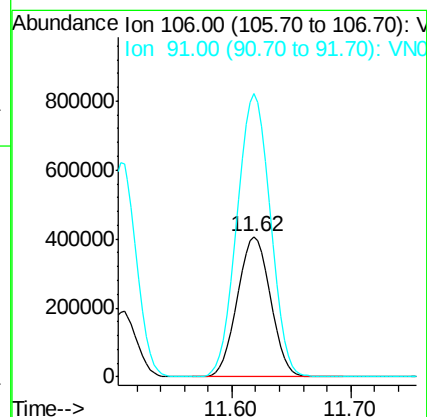
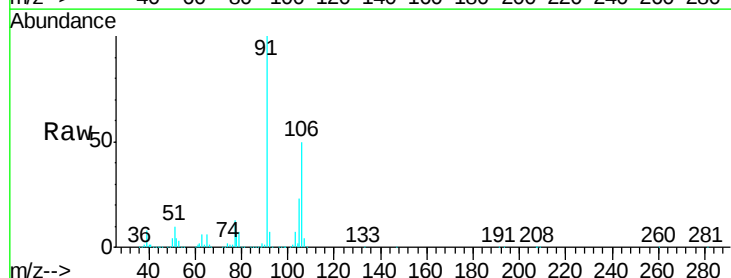
Acq: 25 Nov 2019 13:12

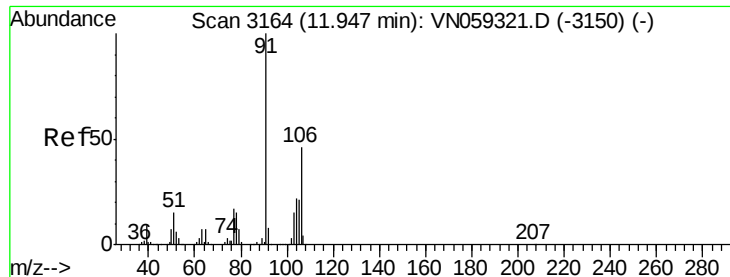
Tgt Ion: 106 Resp: 785276

Ion Ratio Lower Upper

106 100

91 203.5 163.2 244.8

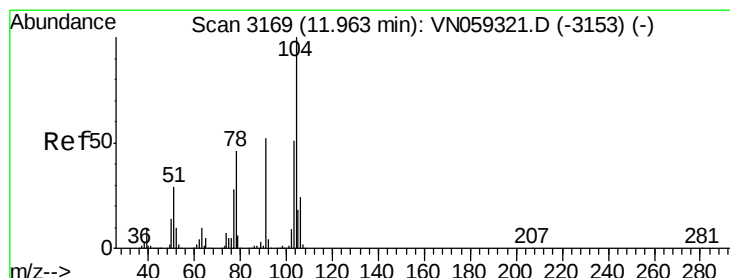
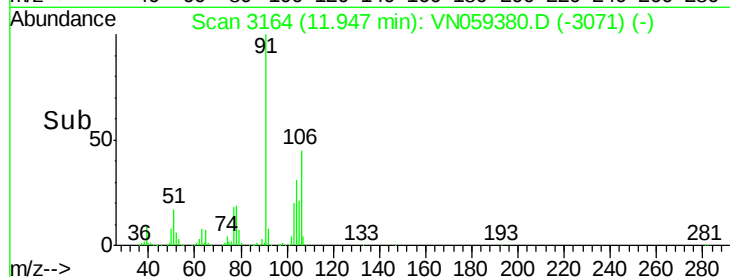
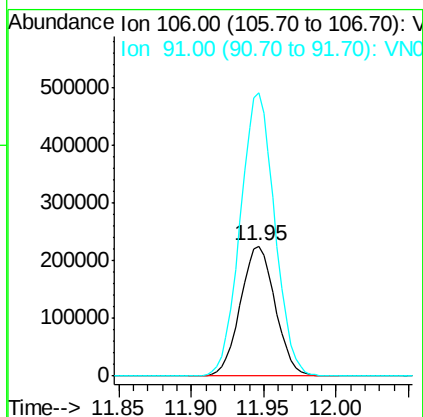
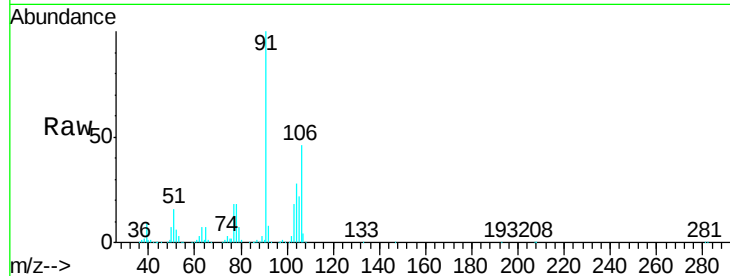




#69
o-Xylene
Concen: 53.117 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

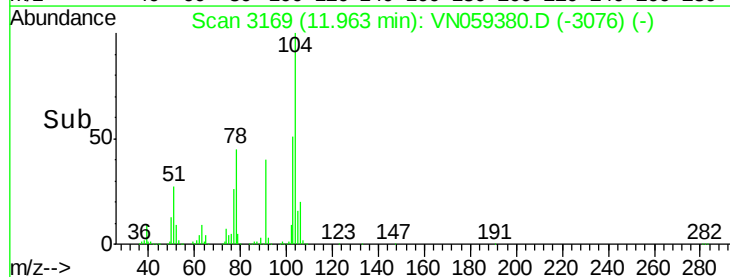
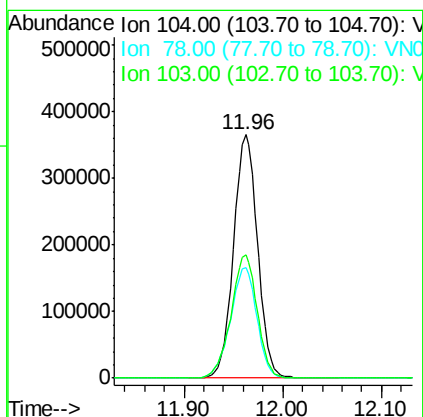
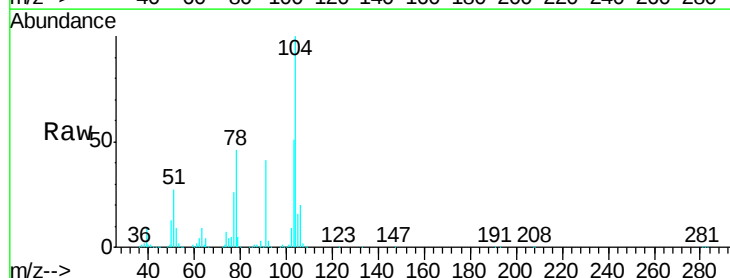
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

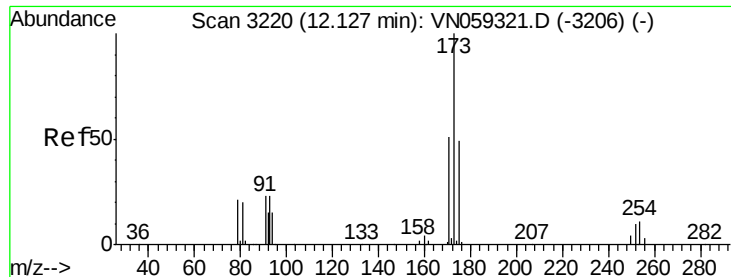
Tgt Ion:106 Resp: 375574
Ion Ratio Lower Upper
106 100
91 215.7 109.3 327.9



#70
Styrene
Concen: 55.614 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion:104 Resp: 620475
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 55.2 43.6 65.4

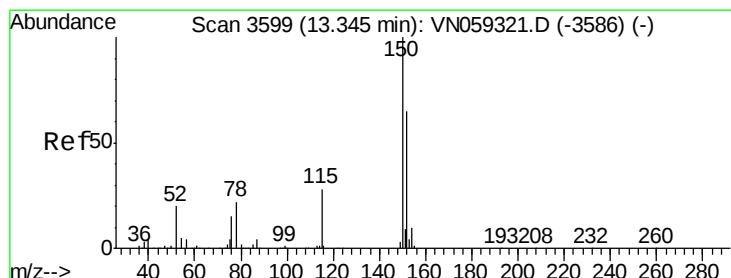
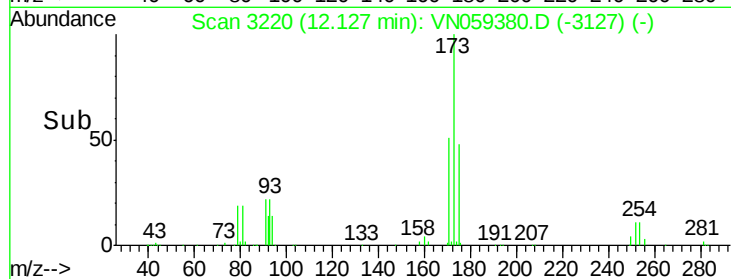
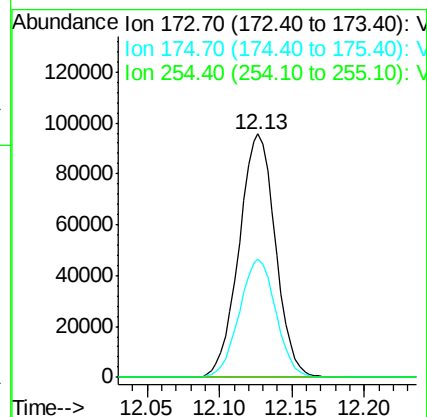
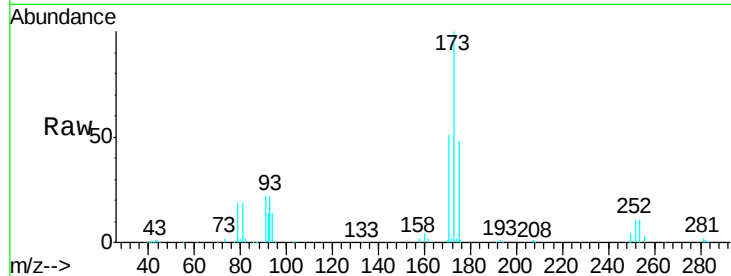




#71
Bromoform
Concen: 54.323 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

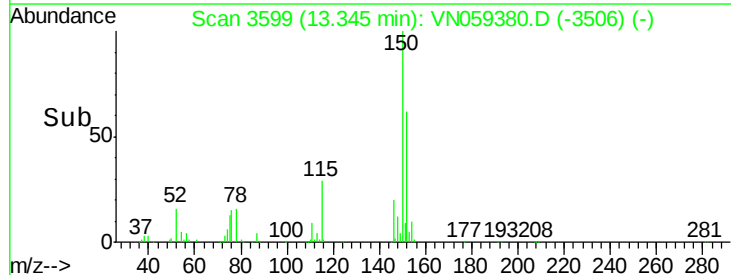
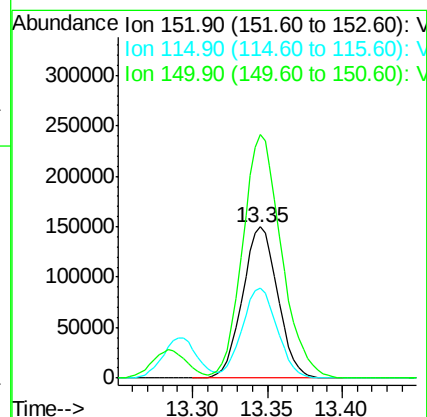
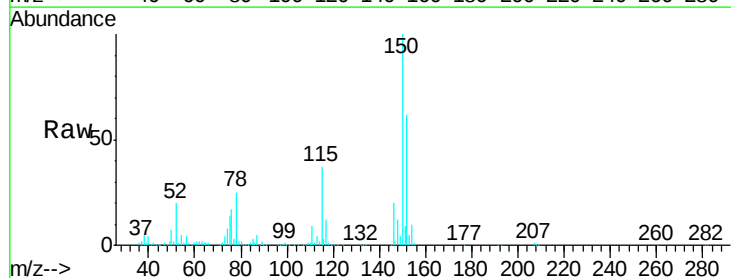
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

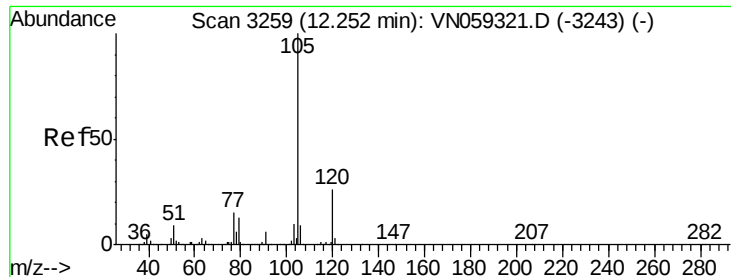
Tgt Ion:173 Resp: 166377
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion:152 Resp: 245208
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 176.9 0.0 346.0





#73

Isopropylbenzene

Concen: 50.248 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

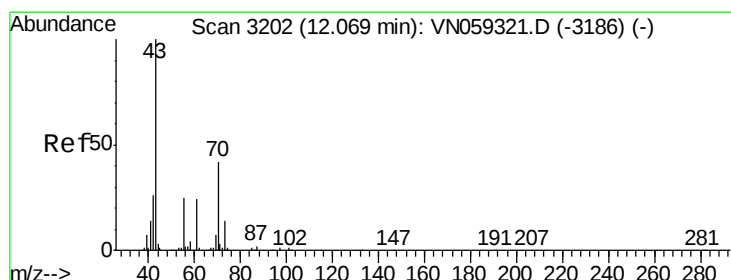
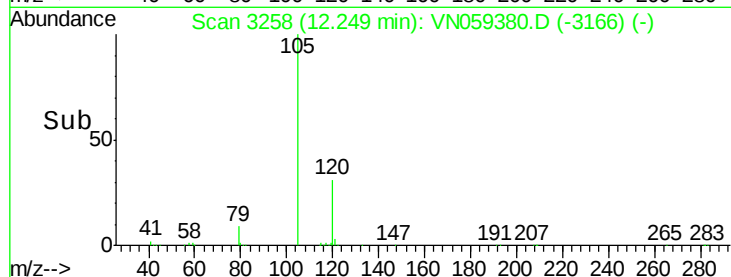
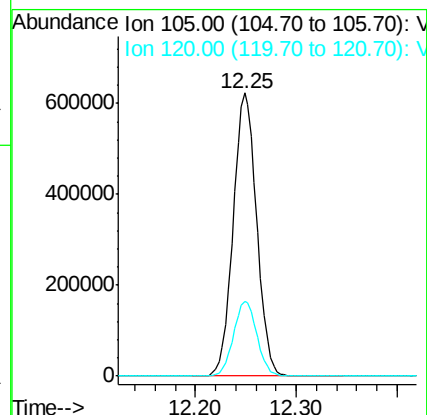
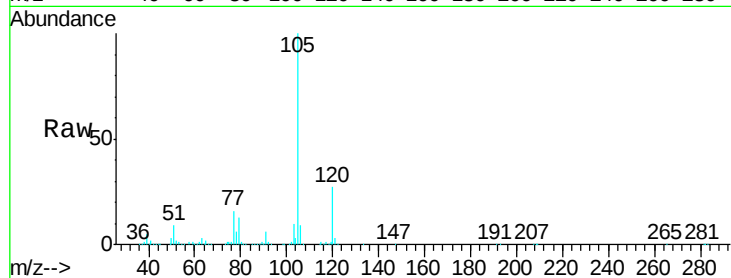
VSTDCCC050

Tgt Ion:105 Resp: 1009346

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 50.683 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion: 43 Resp: 409154

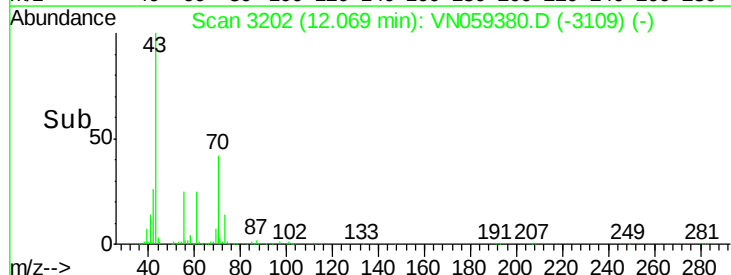
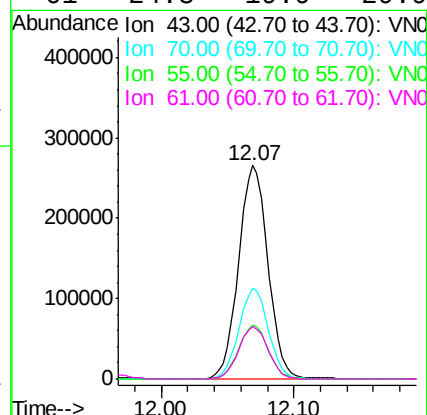
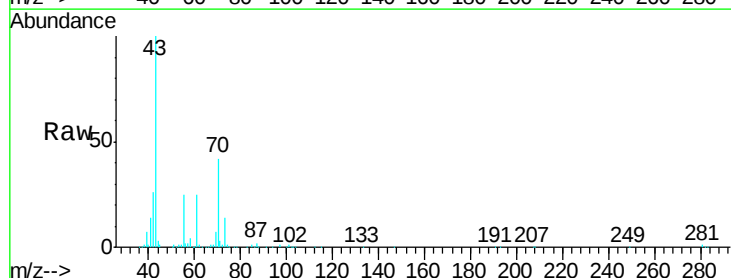
Ion Ratio Lower Upper

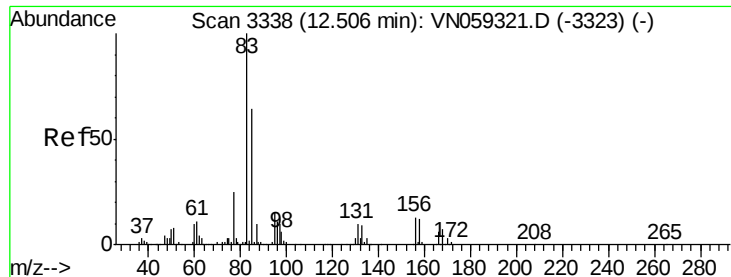
43 100

70 42.7 33.8 50.6

55 25.3 20.3 30.5

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.117 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

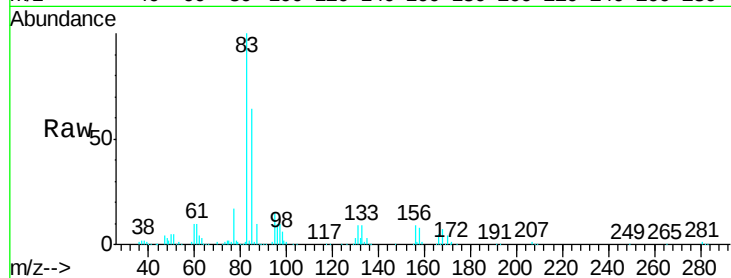
Tgt Ion: 83 Resp: 319724

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

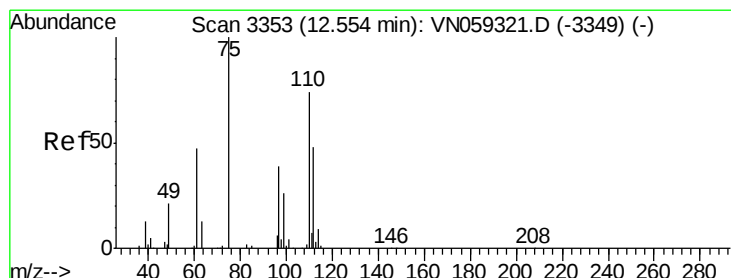
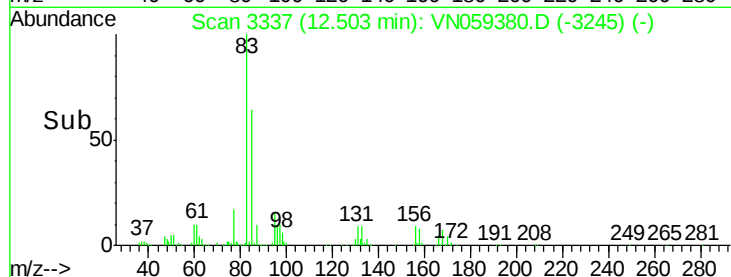
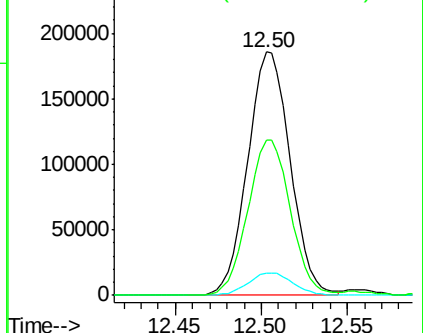
85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN059321.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN059321.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN059321.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 75.209 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059380.D

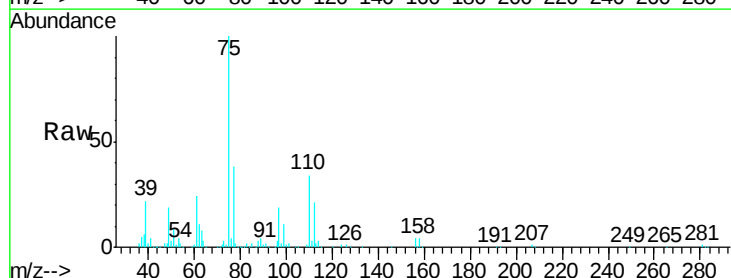
Acq: 25 Nov 2019 13:12

Tgt Ion: 75 Resp: 426055

Ion Ratio Lower Upper

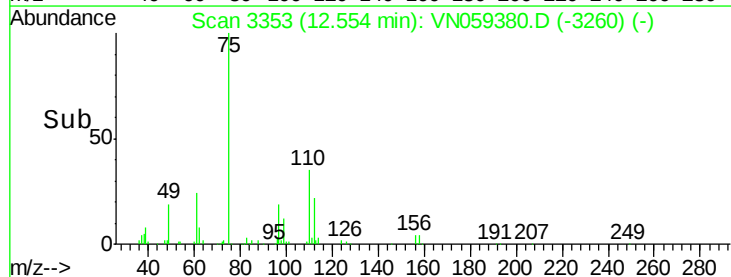
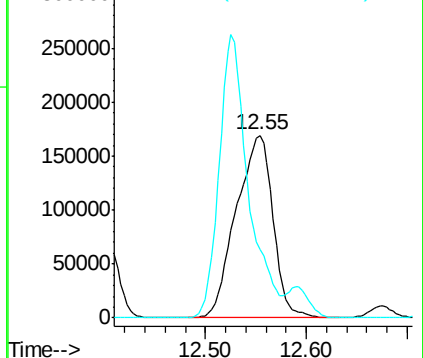
75 100

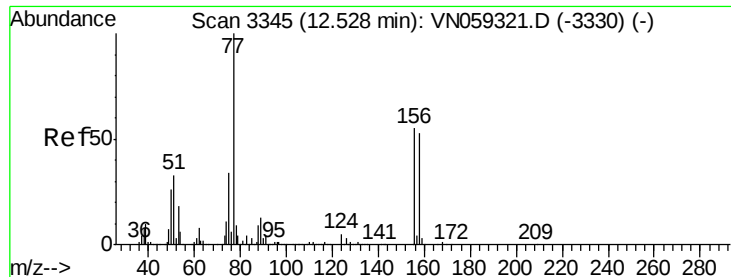
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN059321.D (-3349) (-)





#77

Bromobenzene

Concen: 49.779 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

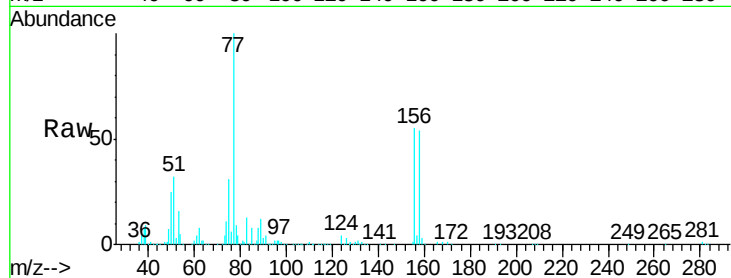
Tgt Ion:156 Resp: 242532

Ion Ratio Lower Upper

156 100

77 219.6 111.1 333.4

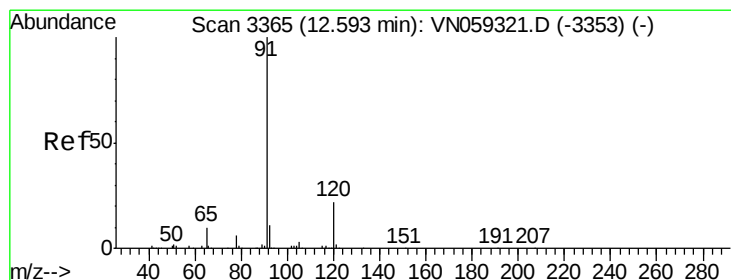
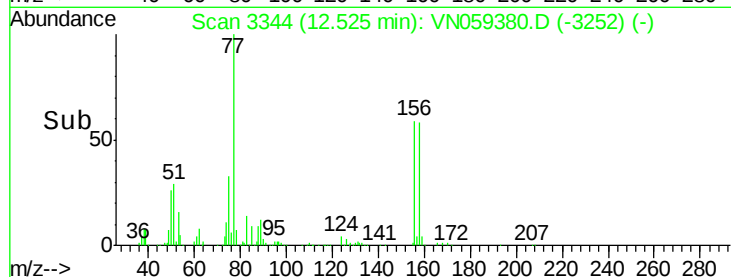
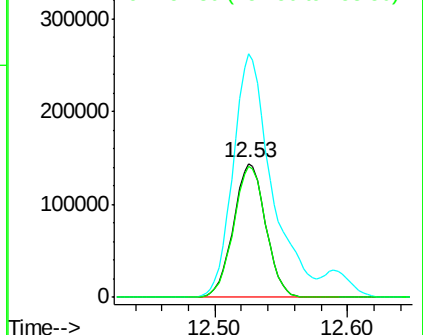
158 98.2 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.224 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059380.D

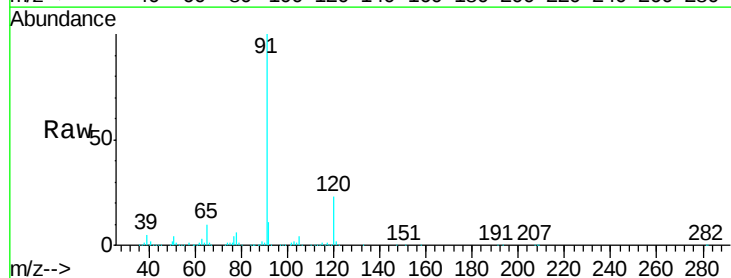
Acq: 25 Nov 2019 13:12

Tgt Ion: 91 Resp: 1188290

Ion Ratio Lower Upper

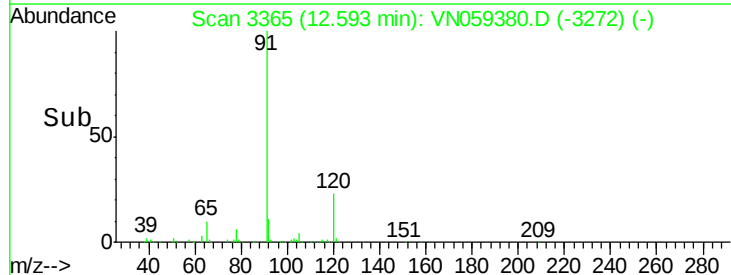
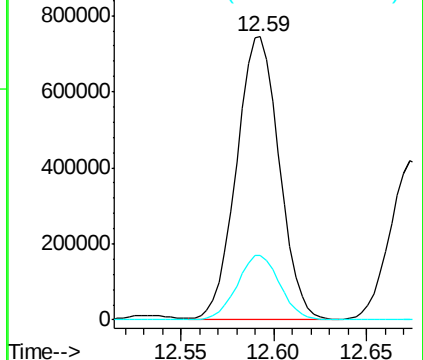
91 100

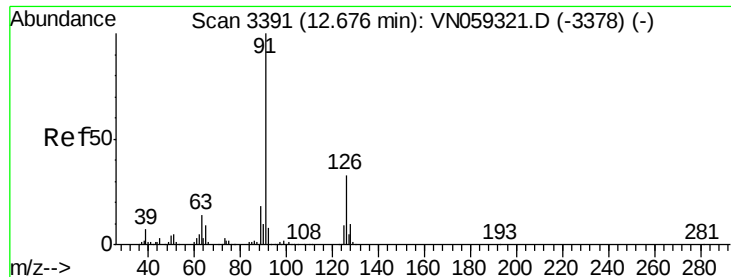
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.476 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

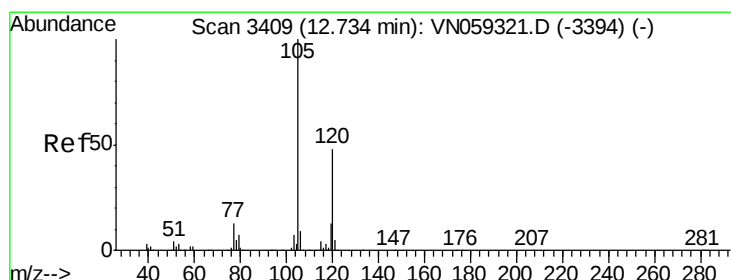
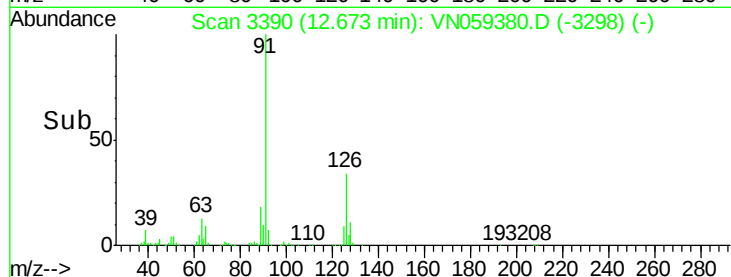
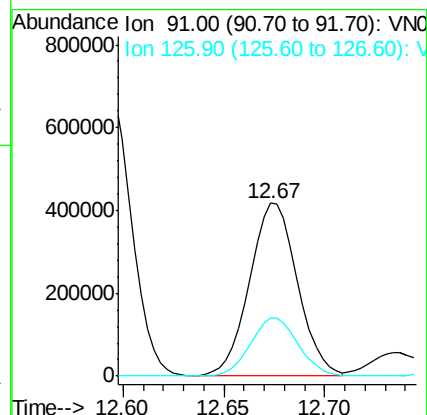
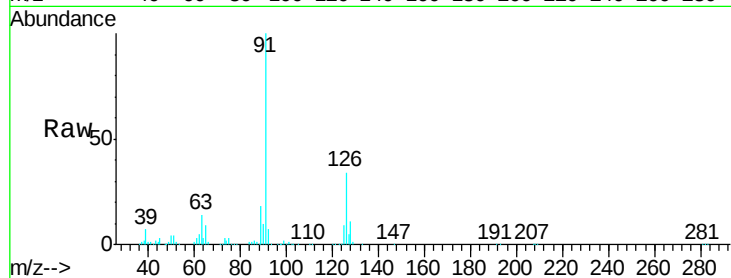
VSTDCCC050

Tgt Ion: 91 Resp: 690994

Ion Ratio Lower Upper

91 100

126 33.9 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 50.741 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059380.D

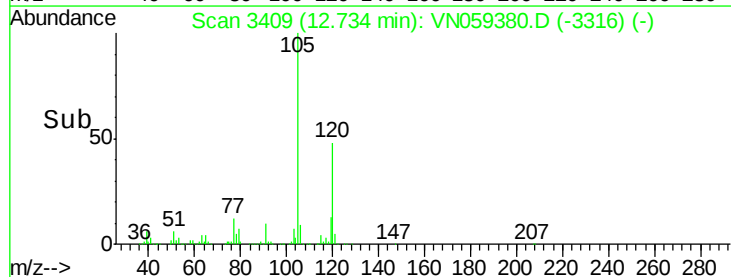
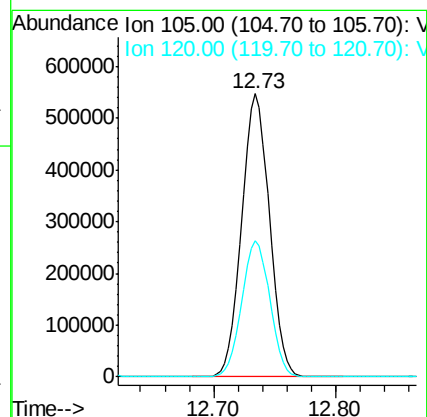
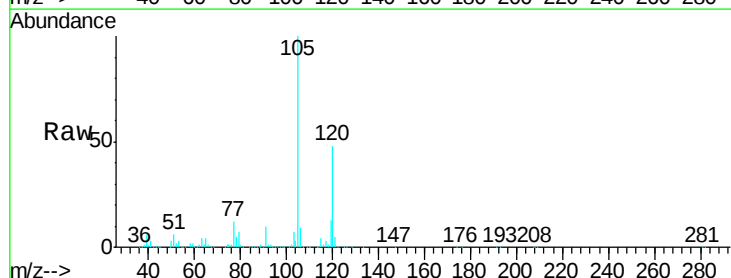
Acq: 25 Nov 2019 13:12

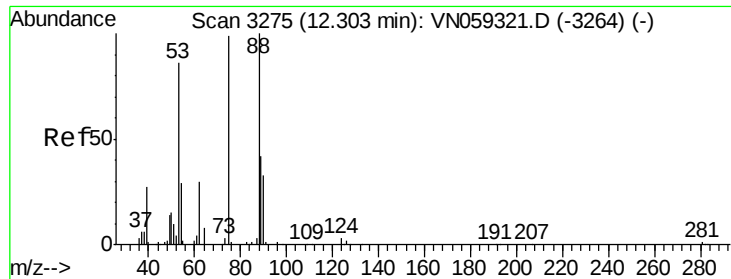
Tgt Ion: 105 Resp: 856811

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.430 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

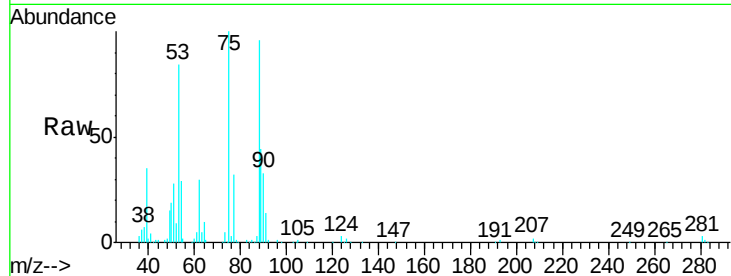
Tgt Ion: 75 Resp: 118749

Ion Ratio Lower Upper

75 100

53 83.6 70.7 106.1

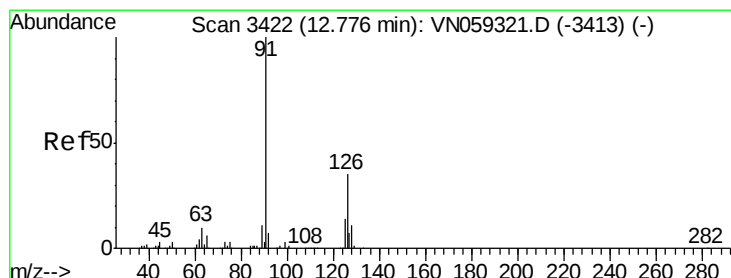
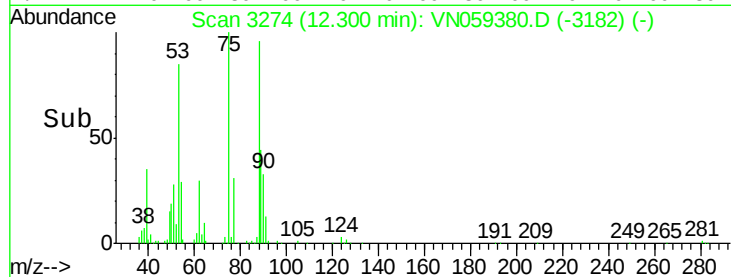
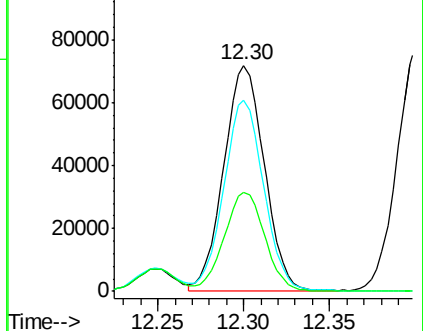
89 43.9 35.4 53.0



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: 49.943 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059380.D

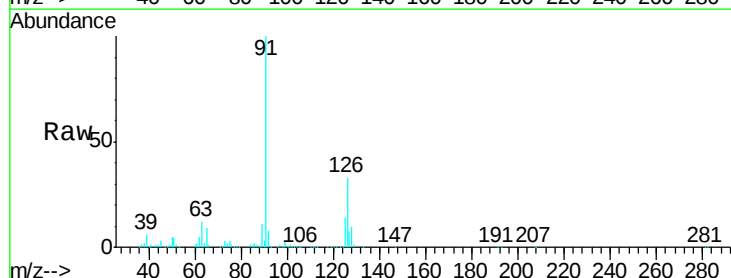
Acq: 25 Nov 2019 13:12

Tgt Ion: 91 Resp: 721793

Ion Ratio Lower Upper

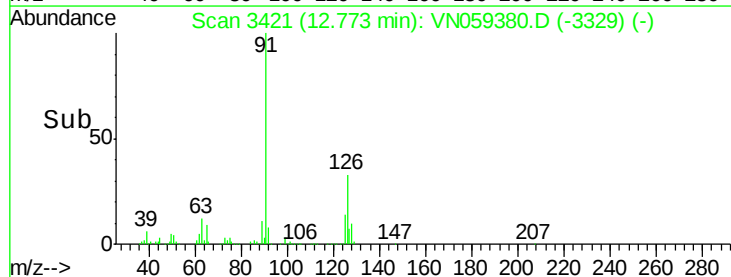
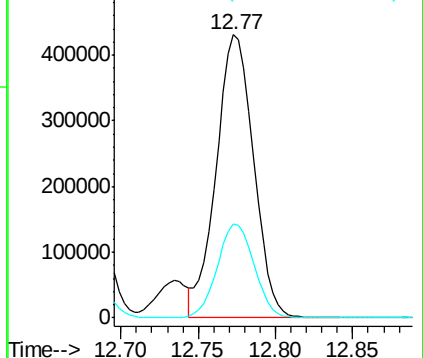
91 100

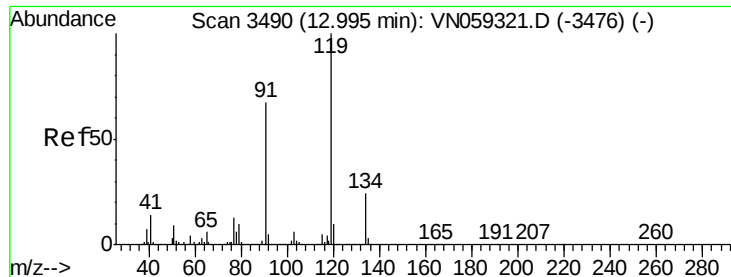
126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

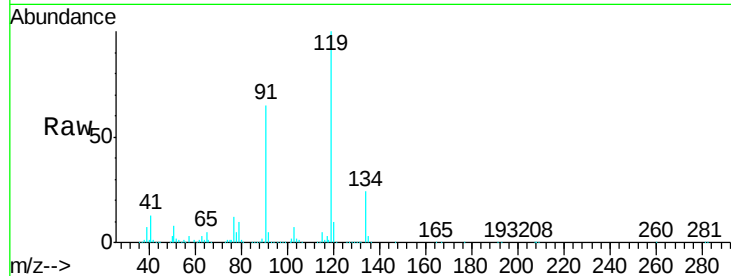




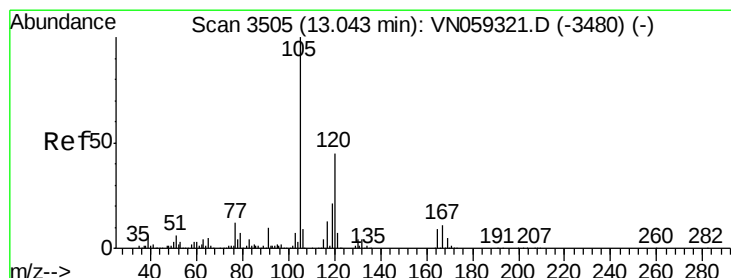
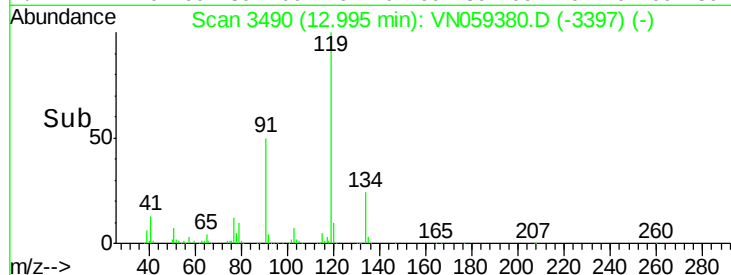
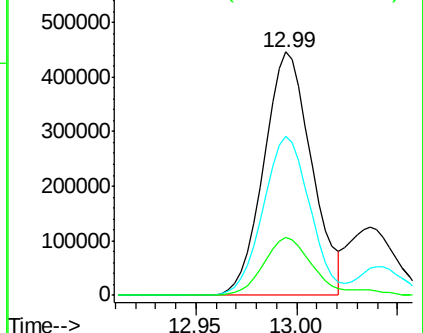
#83
 tert-Butylbenzene
 Concen: 51.464 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 733951
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.8 98.4
 134 25.4 13.0 38.9

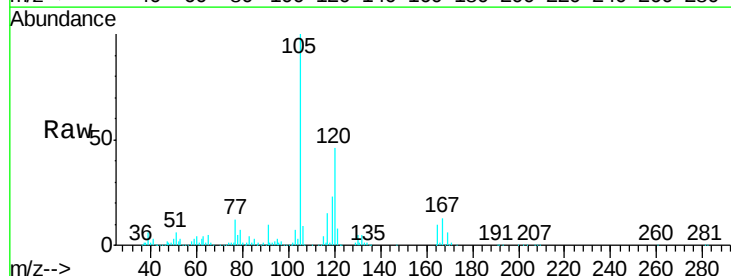


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

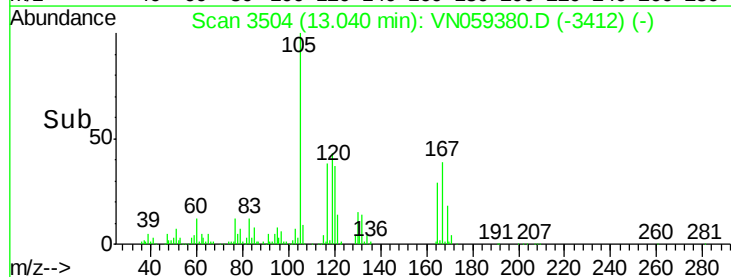
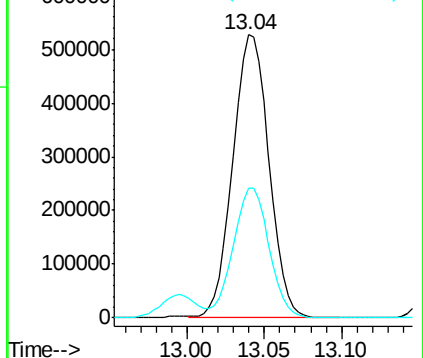


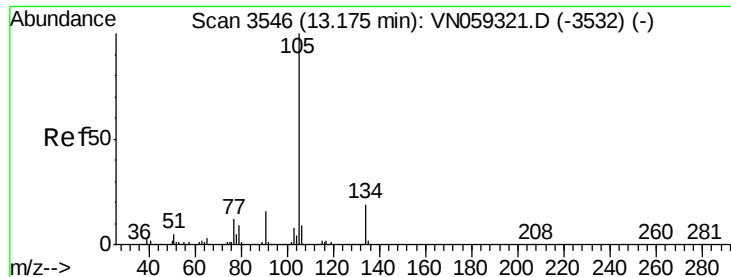
#84
 1,2,4-Trimethylbenzene
 Concen: 51.540 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion:105 Resp: 852528
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

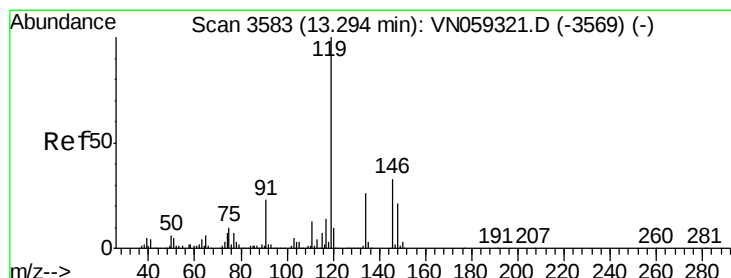
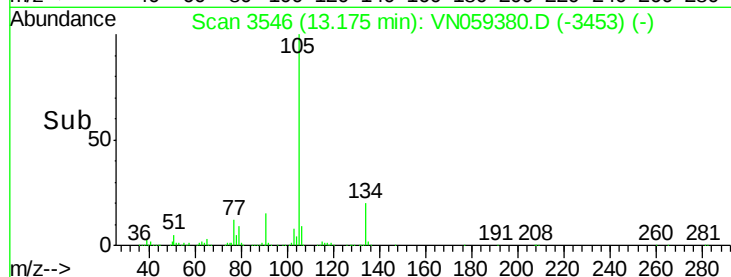
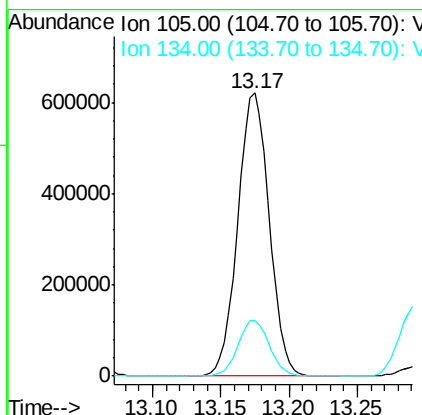
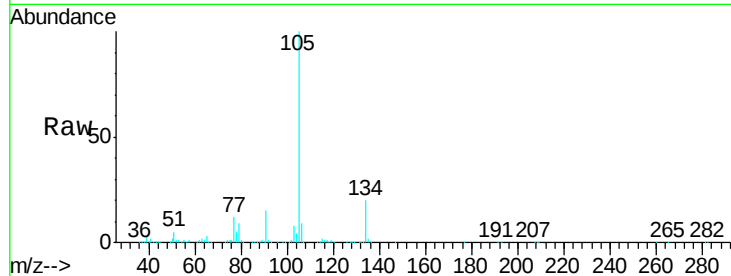




#85
 sec-Butylbenzene
 Concen: 51.667 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

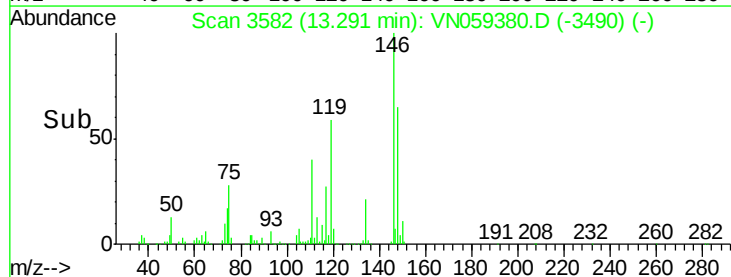
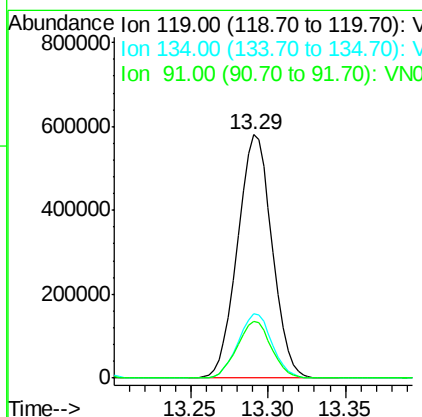
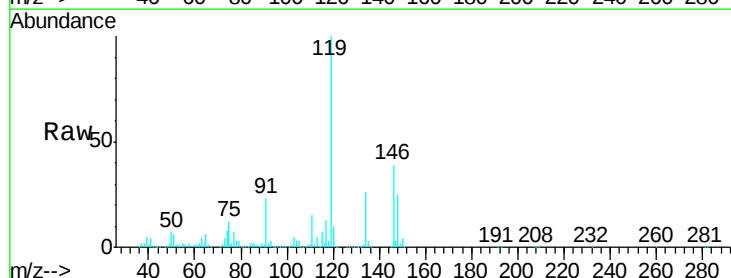
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 990344
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.642 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion:119 Resp: 897903
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.4 11.6 34.7

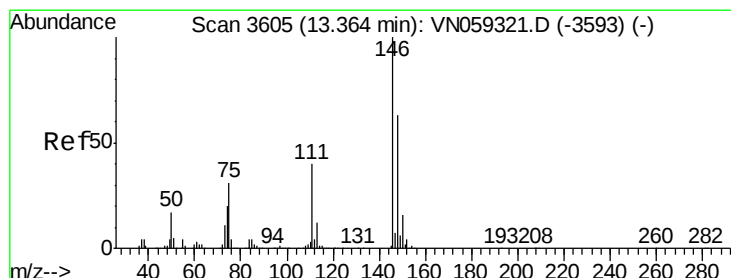
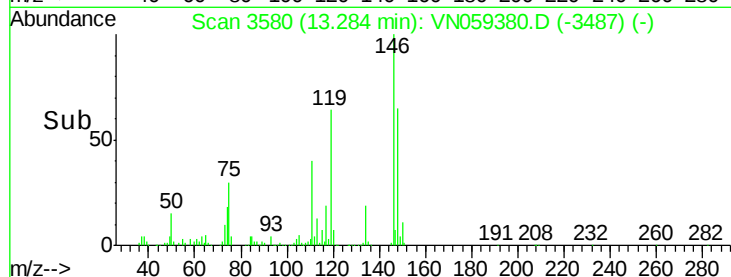
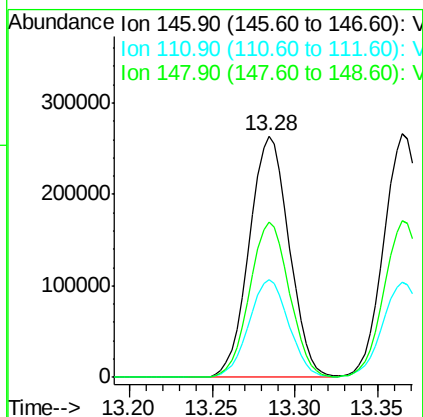
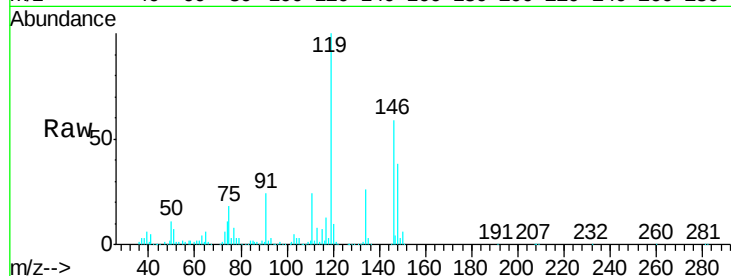




#87
 1,3-Dichlorobenzene
 Concen: 50.691 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

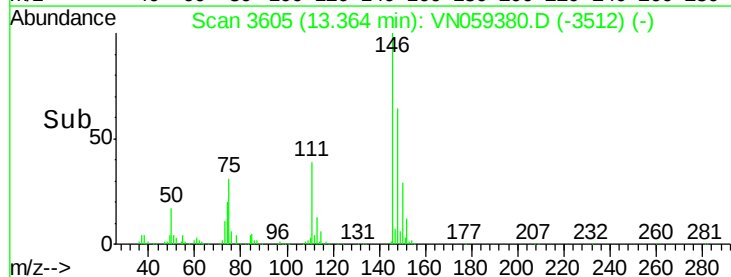
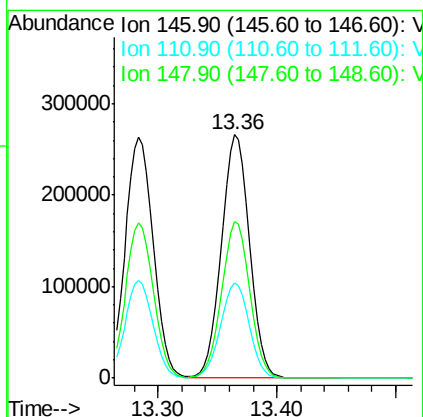
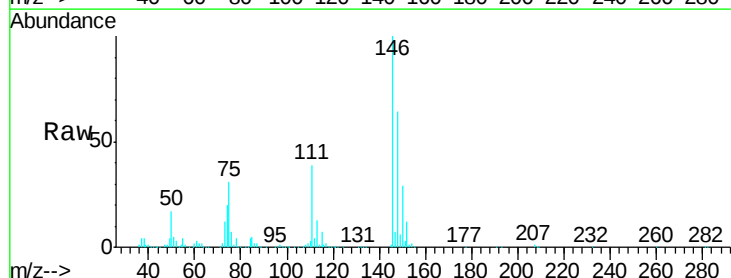
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

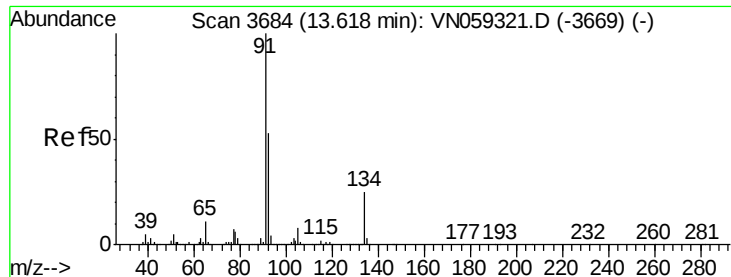
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	64.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.753 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.3
148	64.4	31.7	95.1

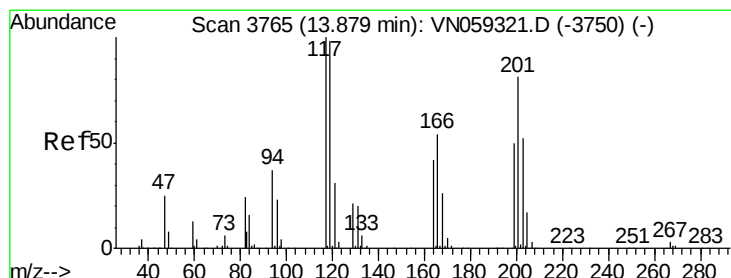
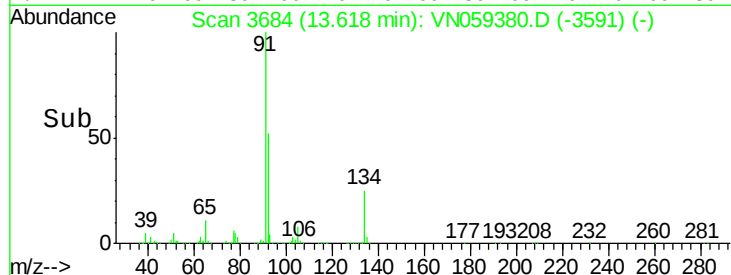
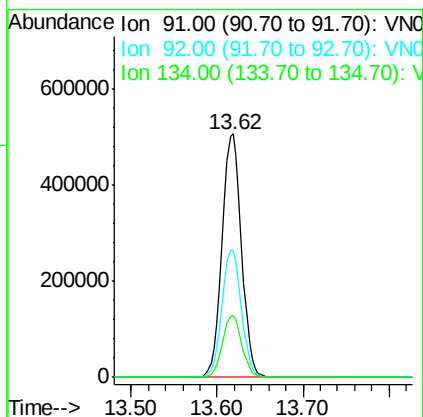
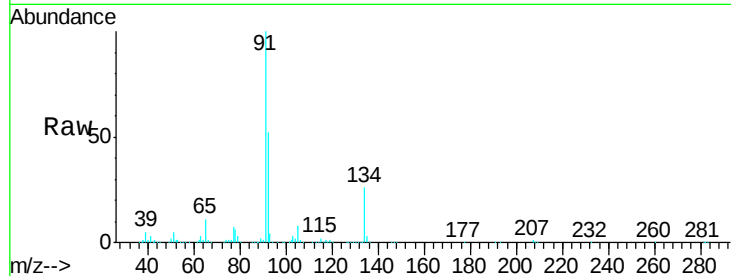




#89
n-Butylbenzene
Concen: 53.087 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

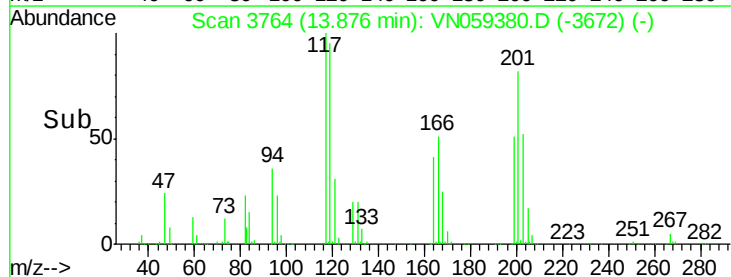
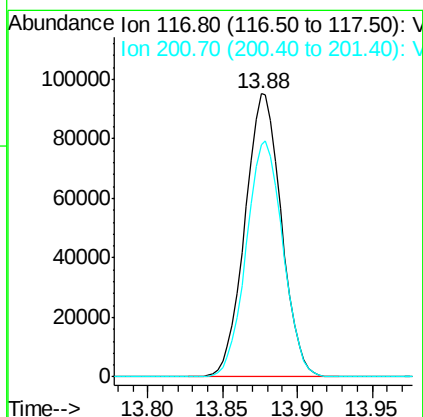
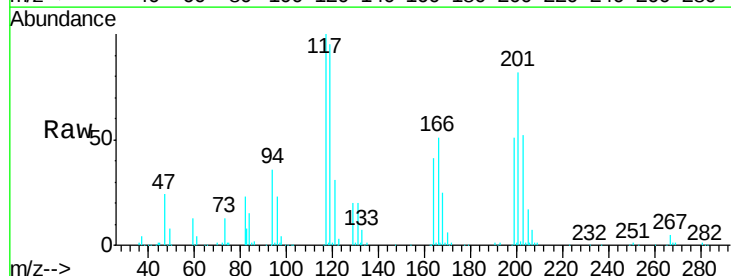
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

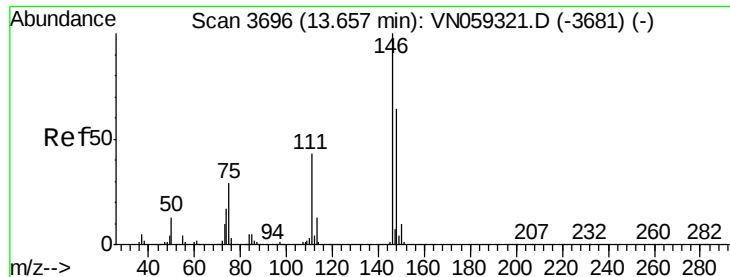
Tgt Ion: 91 Resp: 794329
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 25.3 12.7 38.1



#90
Hexachloroethane
Concen: 49.912 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 117 Resp: 161230
Ion Ratio Lower Upper
117 100
201 83.8 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 50.699 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

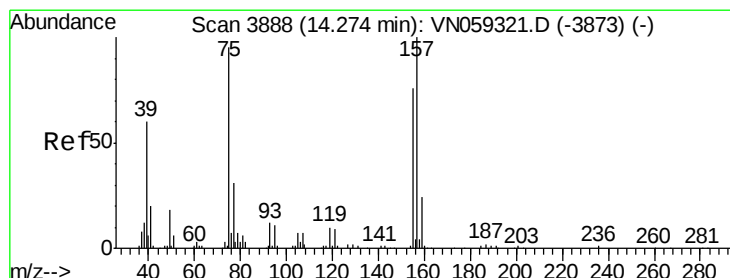
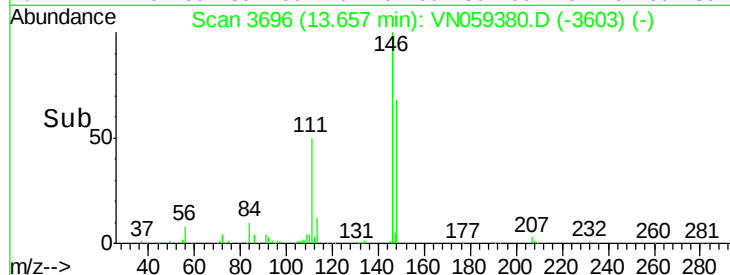
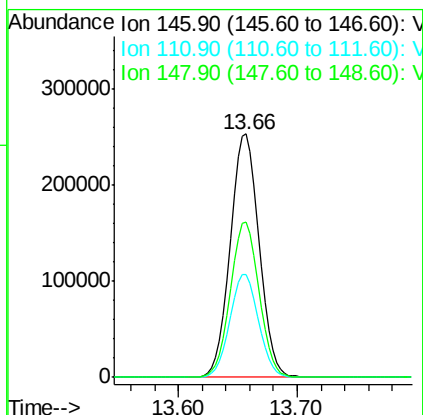
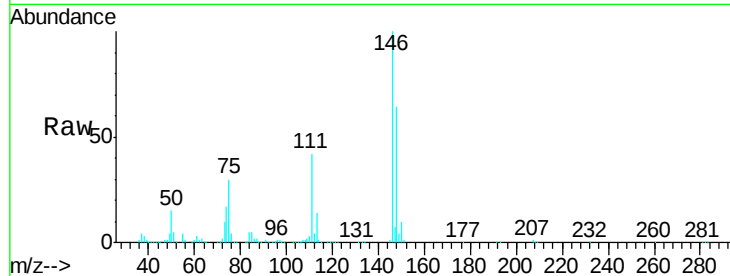
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	425601
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	63.6	31.9	95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.299 ug/l

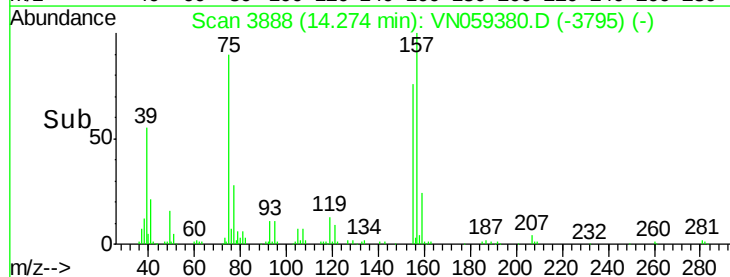
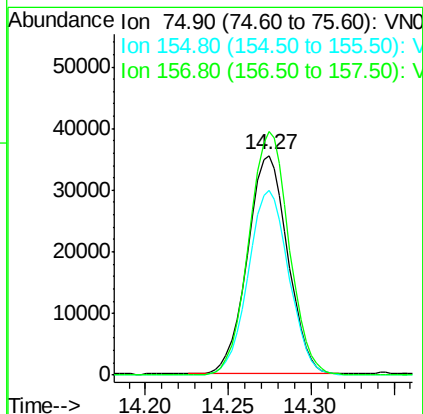
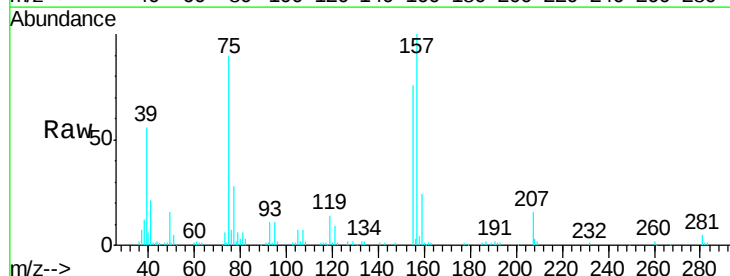
RT: 14.27 min Scan# 3888

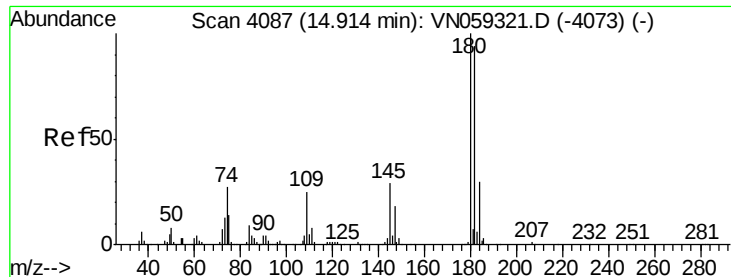
Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	75	Resp:	59757
Ion	Ratio	Lower	Upper
75	100		
155	85.4	40.5	121.5
157	111.2	52.7	158.1

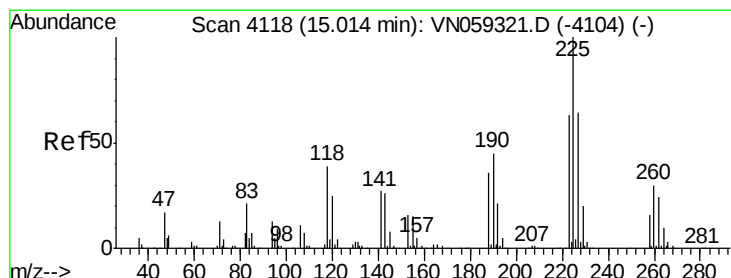
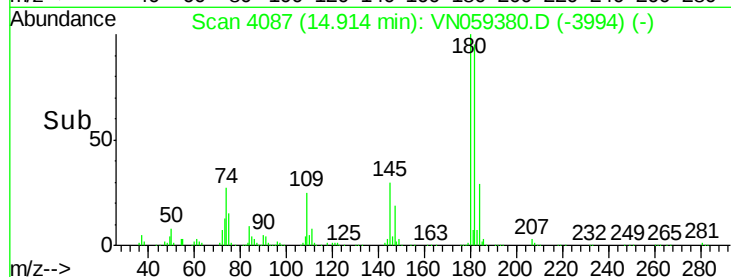
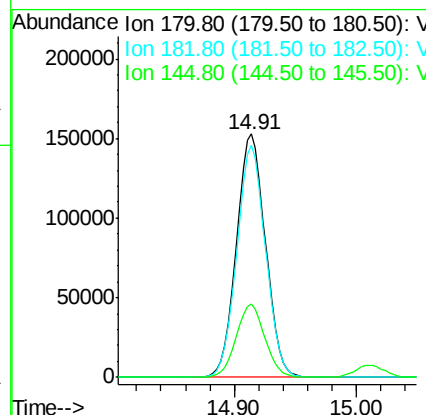
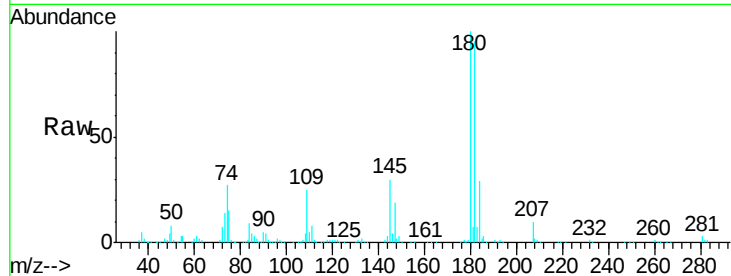




#93
 1,2,4-Trichlorobenzene
 Concen: 48.399 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

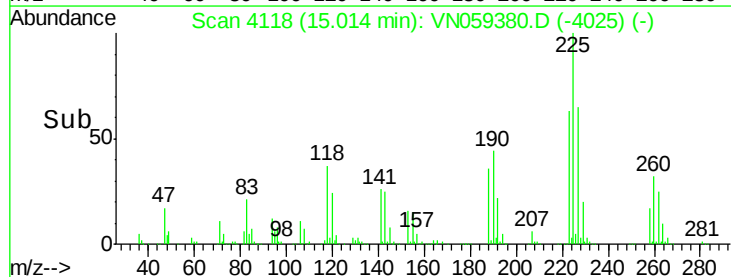
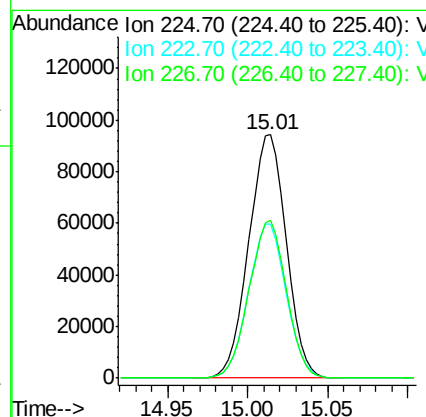
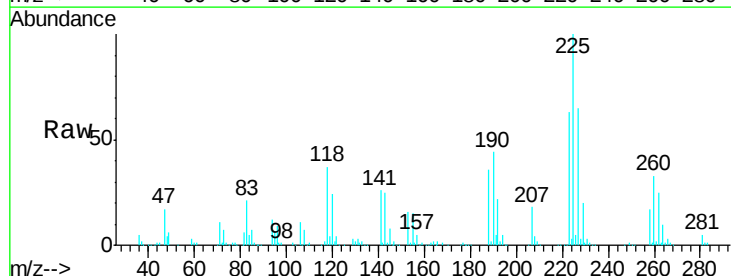
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

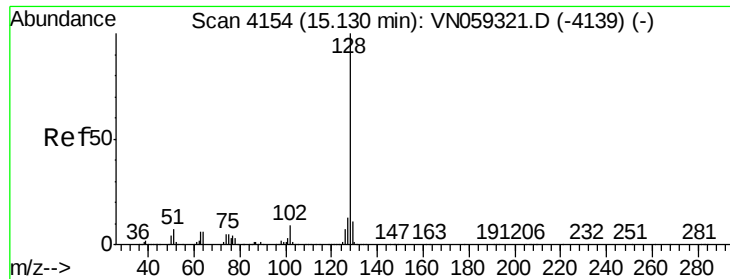
Tgt Ion:180 Resp: 252178
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 50.107 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion:225 Resp: 151546
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 94.8
 227 64.2 32.6 97.7

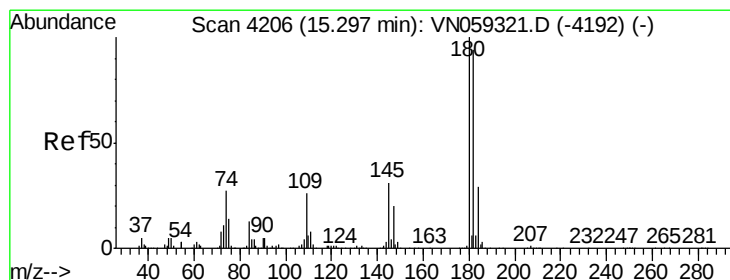
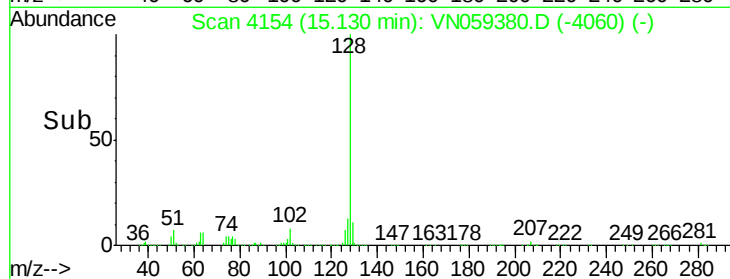
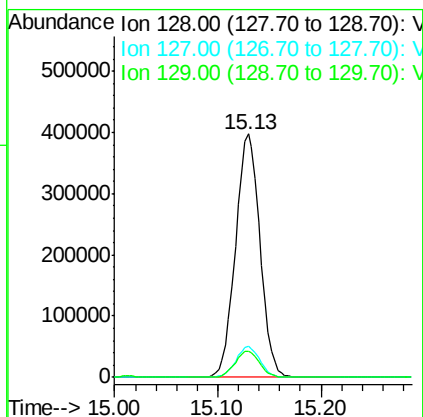
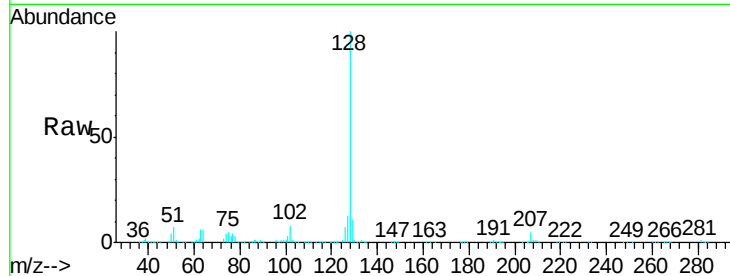




#95
Naphthalene
Concen: 45.688 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 656287
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.159 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion:180 Resp: 246423
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 31.0 15.6 46.8

