

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121919\
 Data File : VN059673.D
 Acq On : 19 Dec 2019 17:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 01:54:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	318872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	467010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	386019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	195297	42.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.18%	
35) Dibromofluoromethane	7.56	113	151792	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.08	98	615430	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.40	95	226137	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	170100	41.282	ug/l	99
3) Chloromethane	2.04	50	191219	29.244	ug/l	99
4) Vinyl Chloride	2.17	62	186330	30.050	ug/l	99
5) Bromomethane	2.54	94	137162	38.050	ug/l	99
6) Chloroethane	2.68	64	130158	37.348	ug/l	97
7) Trichlorofluoromethane	3.00	101	257618	37.866	ug/l	99
8) Diethyl Ether	3.38	74	95006	44.694	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	169910	49.558	ug/l	98
10) Methyl Iodide	3.92	142	238368	52.517	ug/l	95
11) Tert butyl alcohol	4.75	59	175032	205.757	ug/l	98
12) 1,1-Dichloroethene	3.71	96	169985	50.825	ug/l	99
13) Acrolein	3.58	56	147996	244.233	ug/l	98
14) Allyl chloride	4.29	41	301109	43.856	ug/l	# 87
15) Acrylonitrile	4.94	53	480414	233.475	ug/l	99
16) Acetone	3.78	43	493021	178.965	ug/l	96
17) Carbon Disulfide	4.02	76	529644	46.168	ug/l	99
18) Methyl Acetate	4.29	43	251734	43.609	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	525248	44.479	ug/l	100
20) Methylene Chloride	4.51	84	185701	46.674	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	161997	43.449	ug/l	97
22) Diisopropyl ether	5.91	45	669642	52.903	ug/l	97
23) Vinyl Acetate	5.86	43	2786486	280.515	ug/l	100
24) 1,1-Dichloroethane	5.82	63	368119	51.340	ug/l	99
25) 2-Butanone	6.80	43	745138	226.193	ug/l	98
26) 2,2-Dichloropropane	6.79	77	297730	45.687	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	211367	51.160	ug/l	97
28) Bromochloromethane	7.17	49	150639	49.997	ug/l	99
29) Tetrahydrofuran	7.18	42	501391	249.803	ug/l	99
30) Chloroform	7.35	83	338743	47.995	ug/l	99
31) Cyclohexane	7.63	56	331328	48.905	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	285679	44.897	ug/l	98
36) 1,1-Dichloropropene	7.77	75	260220	53.431	ug/l	99
37) Ethyl Acetate	6.90	43	309680	54.709	ug/l	98
38) Carbon Tetrachloride	7.75	117	246723	48.820	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	267295	48.386	ug/l	98
40) Benzene	8.02	78	795721	55.908	ug/l	99
41) Methacrylonitrile	7.18	41	434795	186.121	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	261900	48.050	ug/l	95
43) Isopropyl Acetate	8.14	43	471108	53.532	ug/l	98
44) Trichloroethene	8.81	130	177824	47.699	ug/l	96
45) 1,2-Dichloropropane	9.10	63	189909	49.412	ug/l	100
46) Dibromomethane	9.19	93	112983	44.871	ug/l	93
47) Bromodichloromethane	9.38	83	236812	47.172	ug/l	98
48) Methyl methacrylate	9.18	41	173148	43.365	ug/l #	87
49) 1,4-Dioxane	9.18	88	53740	939.194	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	1472446	280.621	ug/l	95
52) Toluene	10.14	92	470487	53.800	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	257077	44.278	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	349982	57.346	ug/l #	89
55) 1,1,2-Trichloroethane	10.55	97	164780	48.018	ug/l	99
56) Ethyl methacrylate	10.42	69	257044	50.457	ug/l #	86
57) 1,3-Dichloropropane	10.70	76	300144	50.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	608004	375.264	ug/l	100
59) 2-Hexanone	10.74	43	905359	218.928	ug/l	92
60) Dibromochloromethane	10.89	129	185673	49.575	ug/l	100
61) 1,2-Dibromoethane	10.99	107	195621	53.751	ug/l	100
64) Tetrachloroethene	10.62	164	173666	48.261	ug/l	97
65) Chlorobenzene	11.43	112	494430	59.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	181933	57.346	ug/l	99
67) Ethyl Benzene	11.50	91	884158	58.644	ug/l	99
68) m/p-Xylenes	11.62	106	593364	106.580	ug/l	97
69) o-Xylene	11.94	106	279004	52.669	ug/l	98
70) Styrene	11.96	104	465121	54.648	ug/l	98
71) Bromoform	12.12	173	150979	63.309	ug/l #	98
73) Isopropylbenzene	12.25	105	862455	56.056	ug/l	100
74) N-amyl acetate	12.06	43	399290	56.577	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	272493	55.833	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	397415	81.909	ug/l #	100
77) Bromobenzene	12.52	156	211710	55.954	ug/l	97
78) n-propylbenzene	12.59	91	1023954	56.301	ug/l	100
79) 2-Chlorotoluene	12.67	91	605319	55.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	727204	55.853	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	112554	57.296	ug/l	92
82) 4-Chlorotoluene	12.77	91	613944	54.524	ug/l	100
83) tert-Butylbenzene	12.99	119	584810	53.038	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	707661	54.661	ug/l	99
85) sec-Butylbenzene	13.17	105	718531	48.989	ug/l	100
86) p-Isopropyltoluene	13.28	119	661083	49.765	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	334204	48.035	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	342517	48.828	ug/l	99
89) n-Butylbenzene	13.61	91	594582	47.741	ug/l	99
90) Hexachloroethane	13.87	117	122275	48.696	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	337595	49.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53824	40.622	ug/l	88

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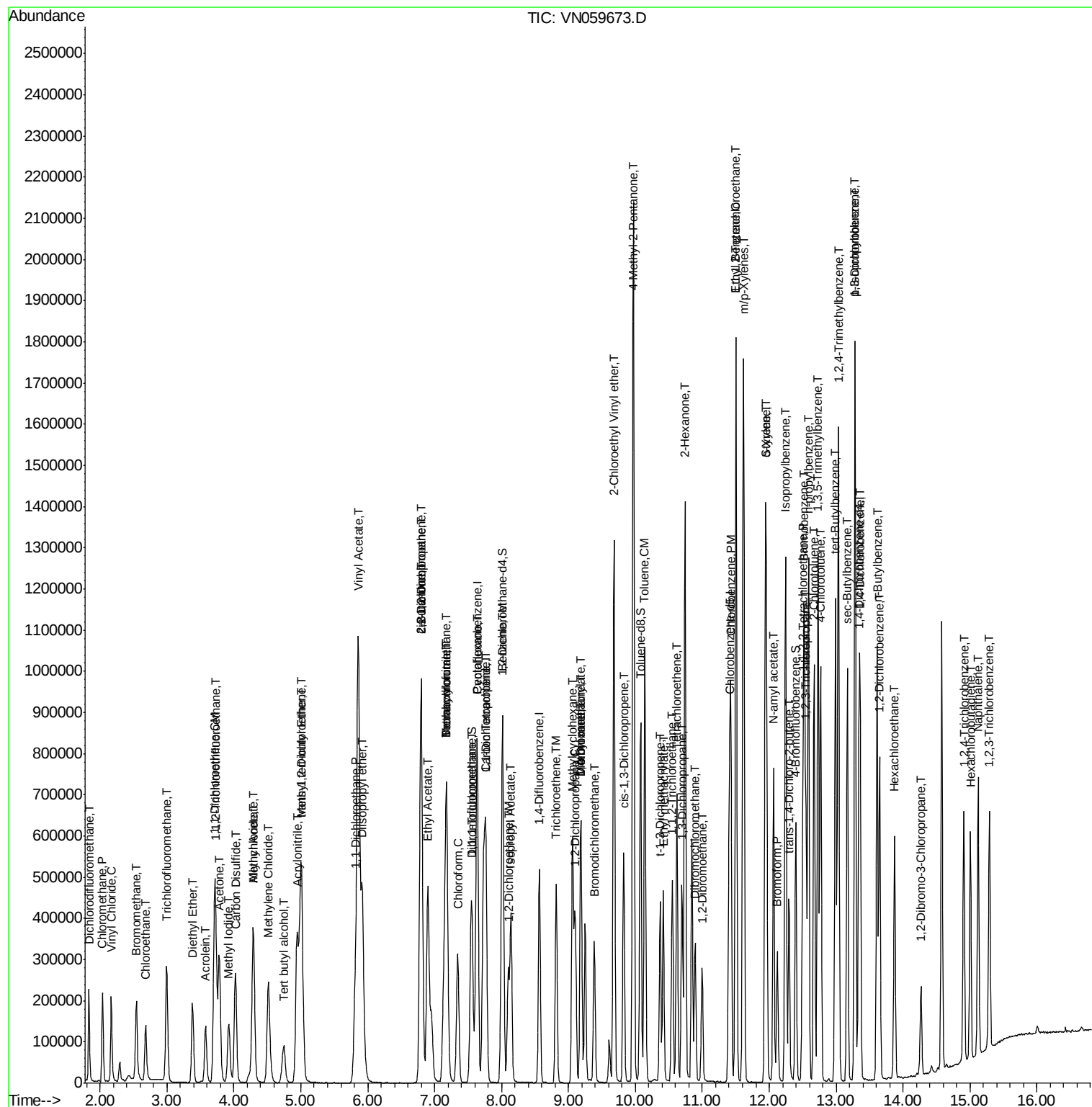
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	201966	45.583	ug/l	98
94) Hexachlorobutadiene	15.00	225	113713	49.197	ug/l	100
95) Naphthalene	15.12	128	555836	42.022	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	188949	42.164	ug/l	98

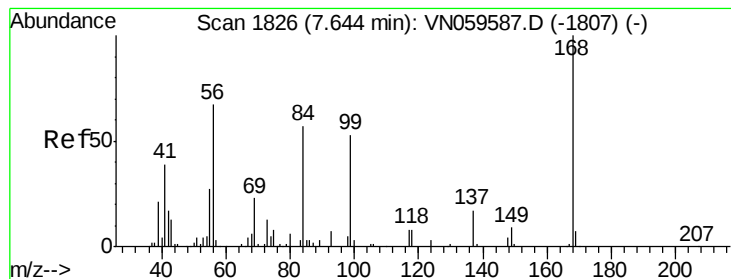
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

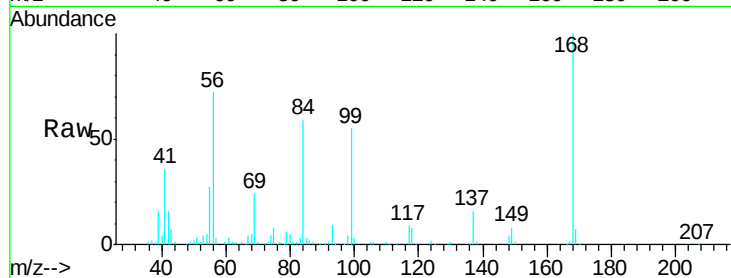
VSTDCCC050EC

Tgt Ion:168 Resp: 318872

Ion Ratio Lower Upper

168 100

99 55.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

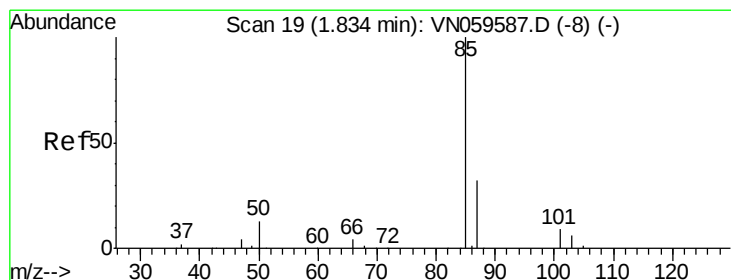
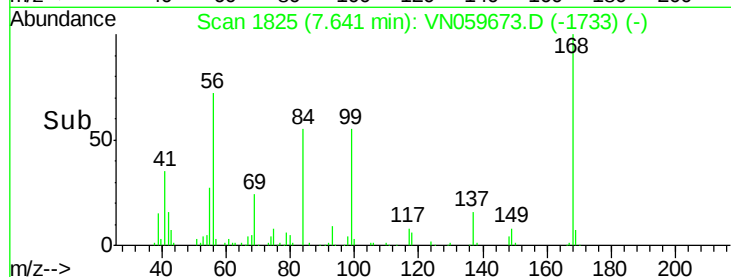
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.282 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059673.D

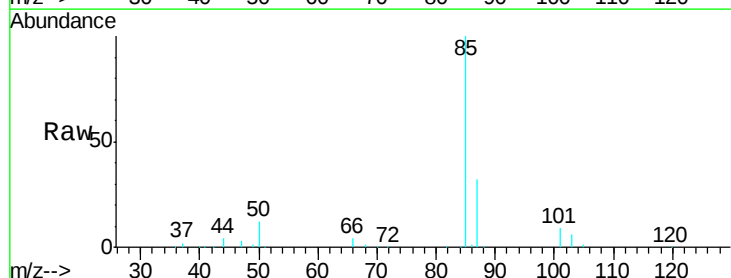
Acq: 19 Dec 2019 17:26

Tgt Ion: 85 Resp: 170100

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

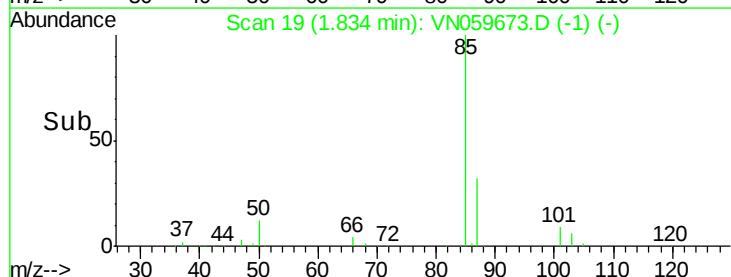
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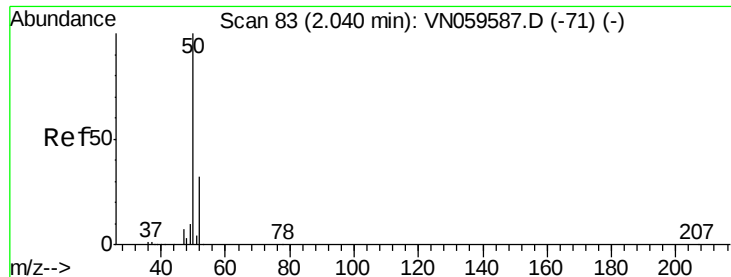
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 29.244 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

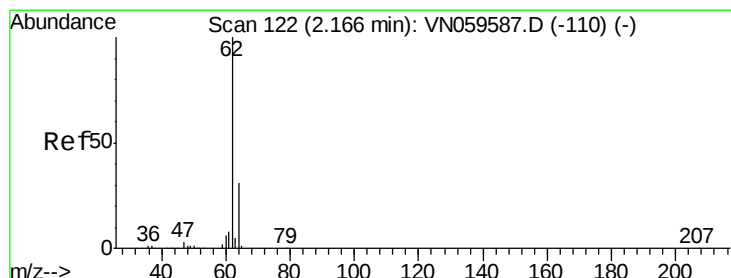
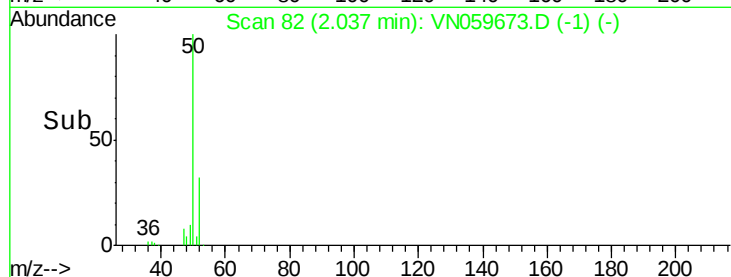
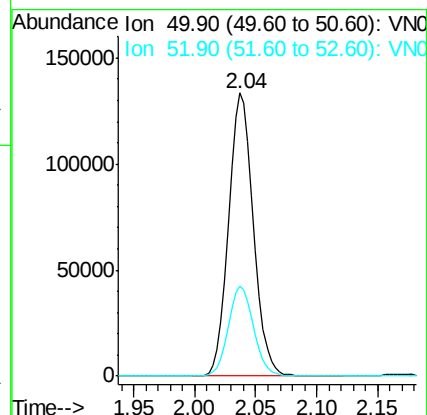
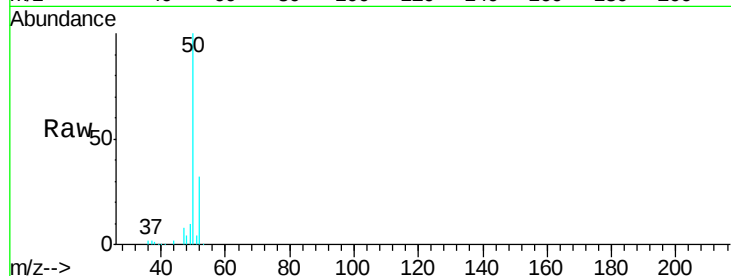
VSTDCCC050EC

Tgt Ion: 50 Resp: 191219

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 30.050 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059673.D

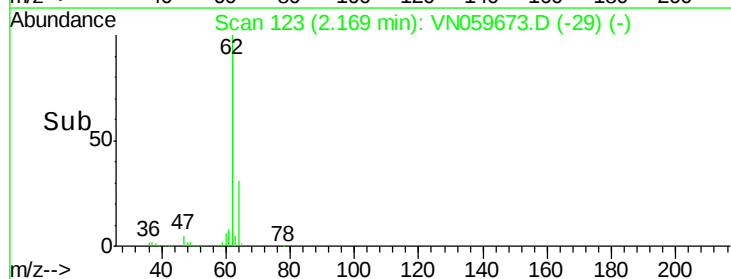
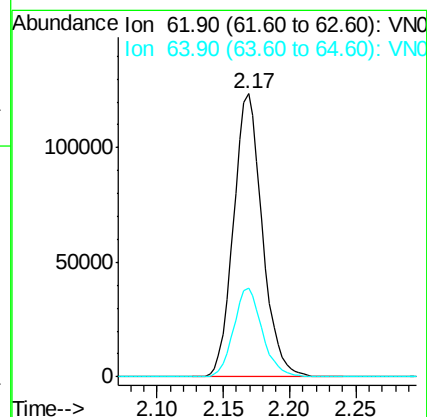
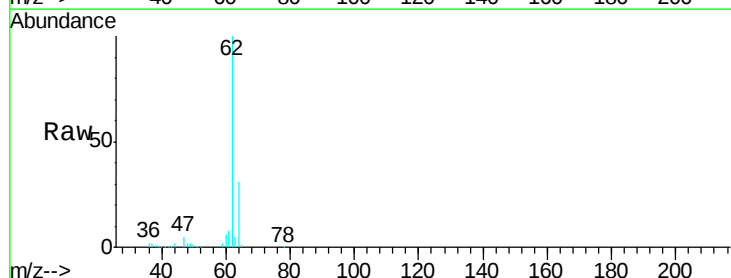
Acq: 19 Dec 2019 17:26

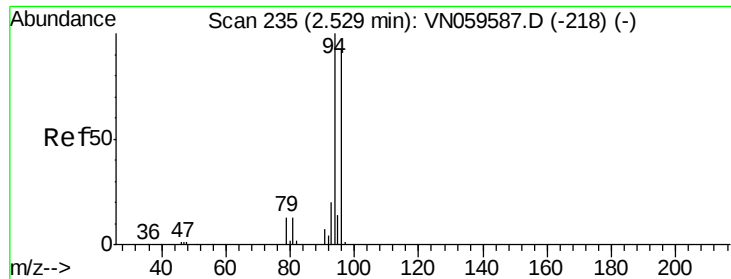
Tgt Ion: 62 Resp: 186330

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0





#5

Bromomethane

Concen: 38.050 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

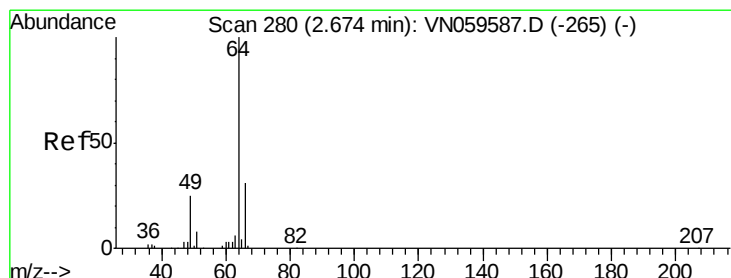
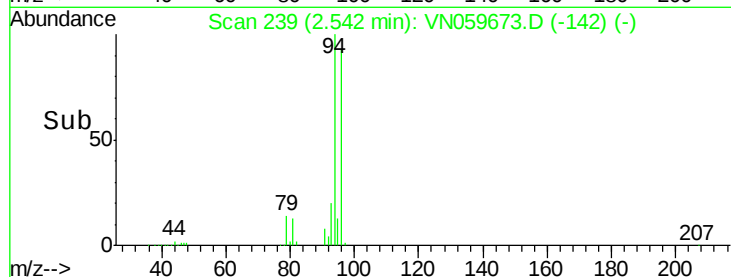
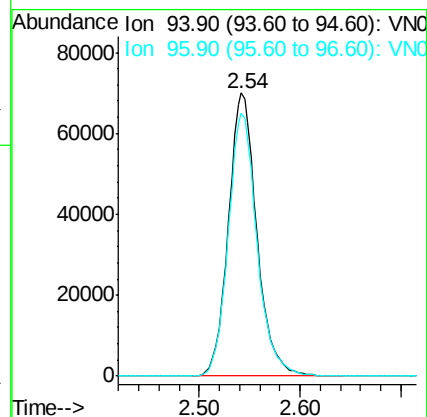
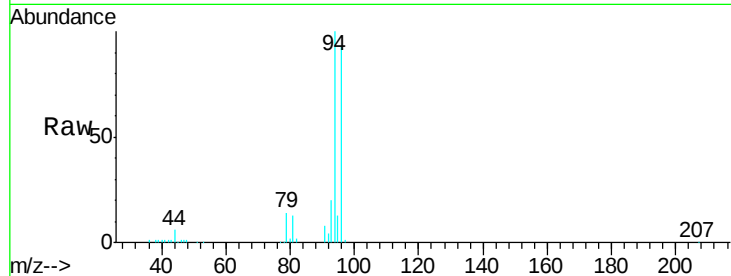
VSTDCCC050EC

Tgt Ion: 94 Resp: 137162

Ion Ratio Lower Upper

94 100

96 92.9 74.7 112.1



#6

Chloroethane

Concen: 37.348 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN059673.D

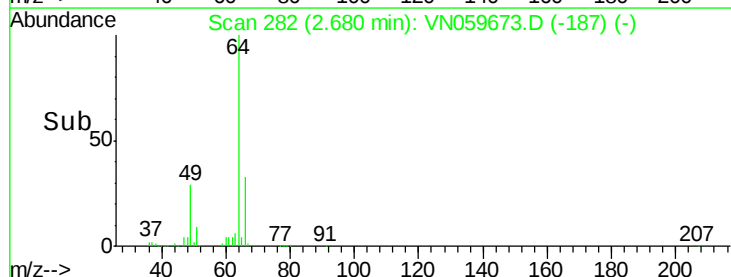
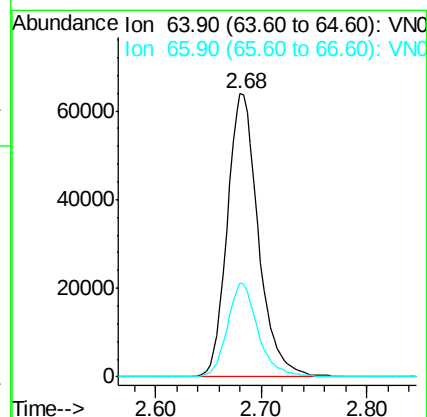
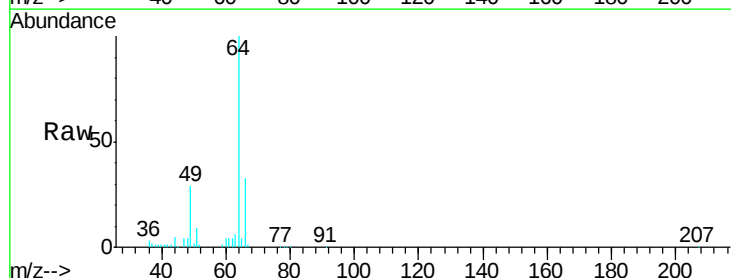
Acq: 19 Dec 2019 17:26

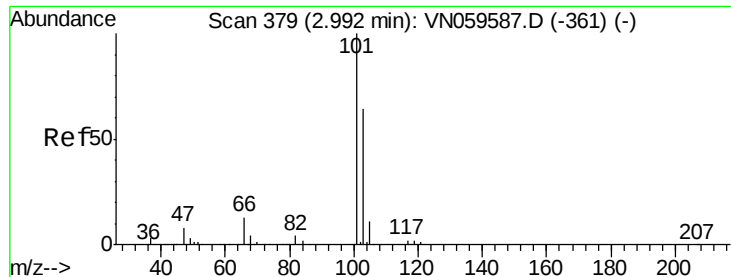
Tgt Ion: 64 Resp: 130158

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7



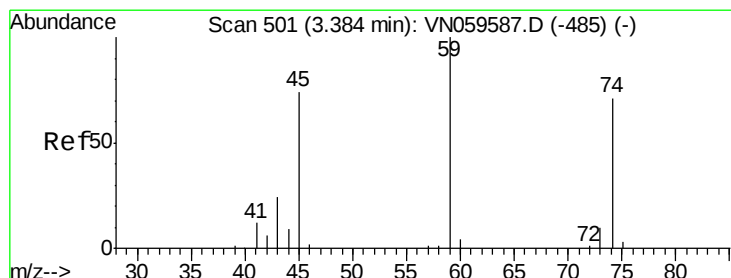
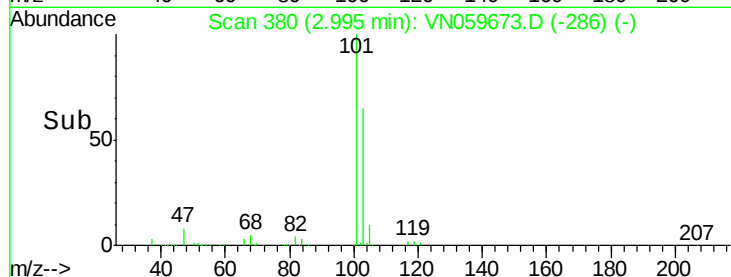
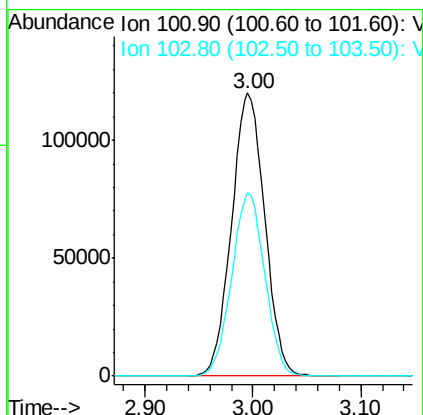
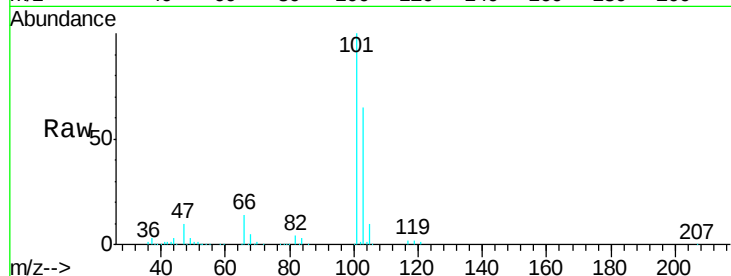


#7

Trichlorofluoromethane
Concen: 37.866 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059673.D
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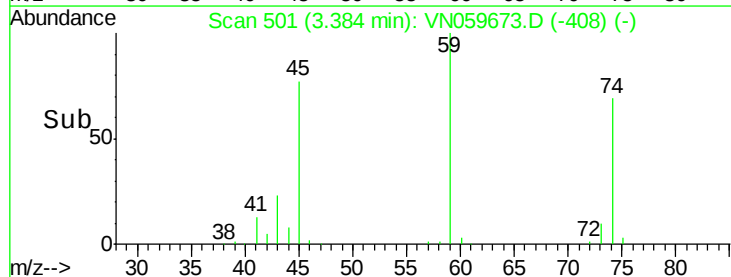
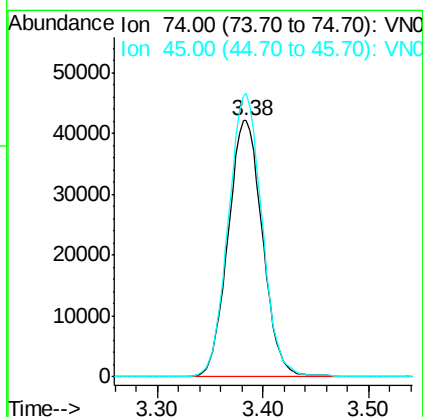
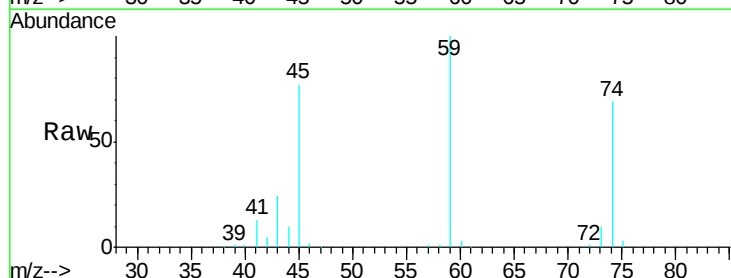
Tgt Ion:101 Resp: 257618
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

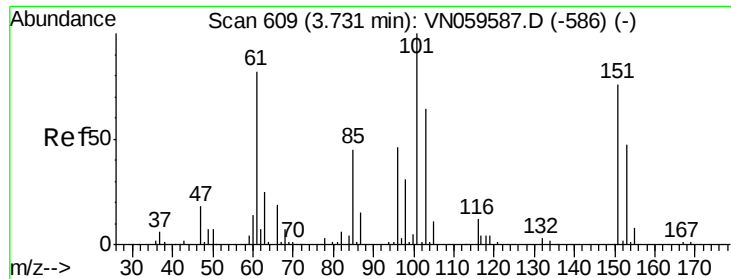


#8

Diethyl Ether
Concen: 44.694 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 74 Resp: 95006
Ion Ratio Lower Upper
74 100
45 108.6 51.9 155.8

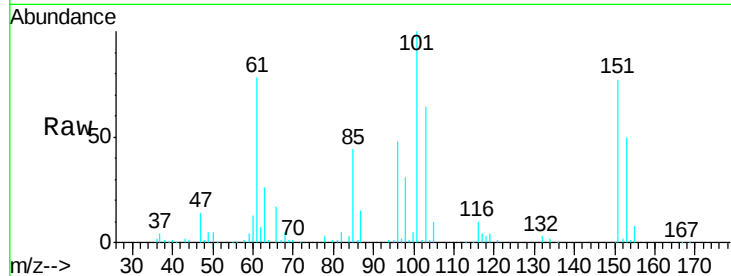




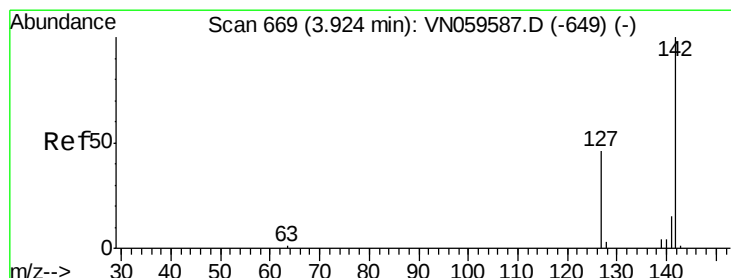
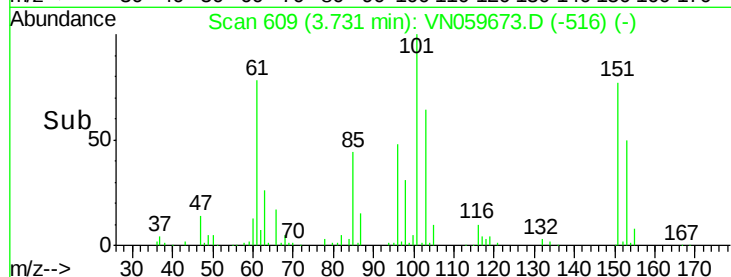
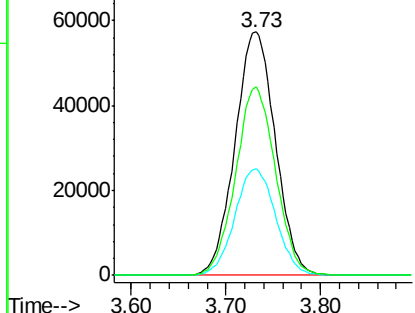
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.558 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 169910
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 76.5 59.7 89.5

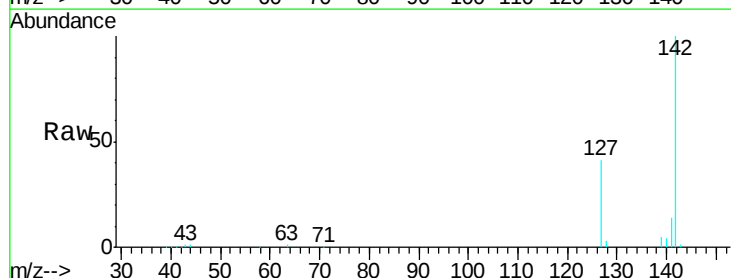


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

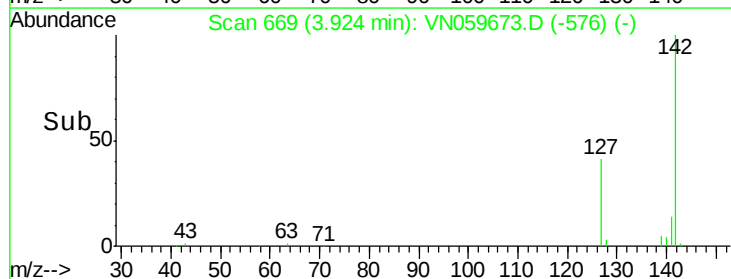
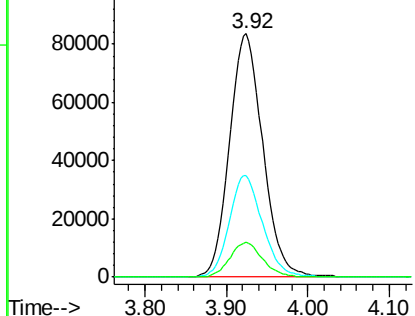


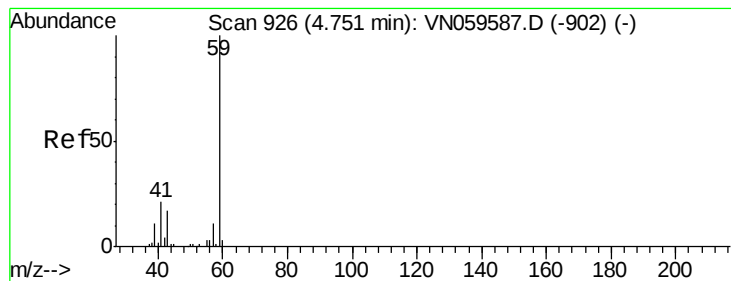
#10
 Methyl Iodide
 Concen: 52.517 ug/l
 RT: 3.92 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion:142 Resp: 238368
 Ion Ratio Lower Upper
 142 100
 127 41.8 36.7 55.1
 141 14.0 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



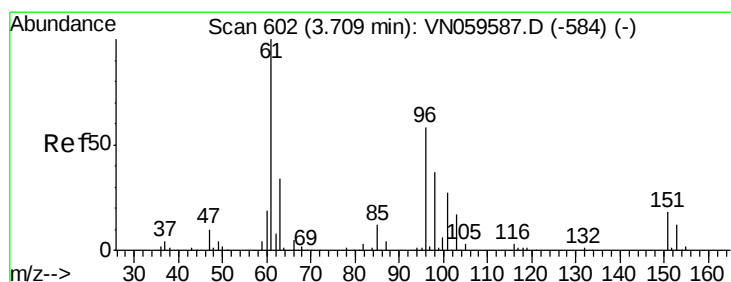
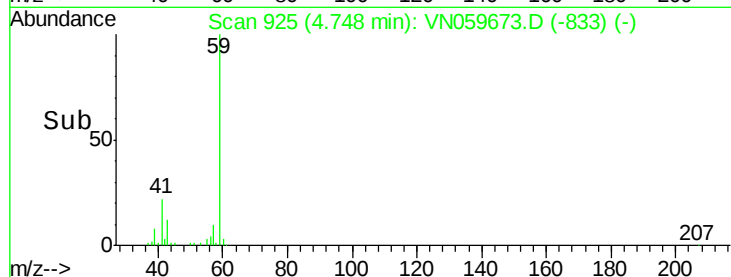
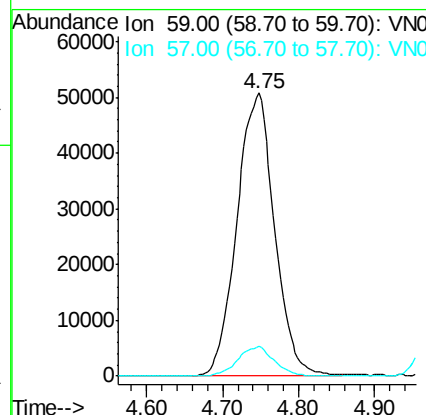
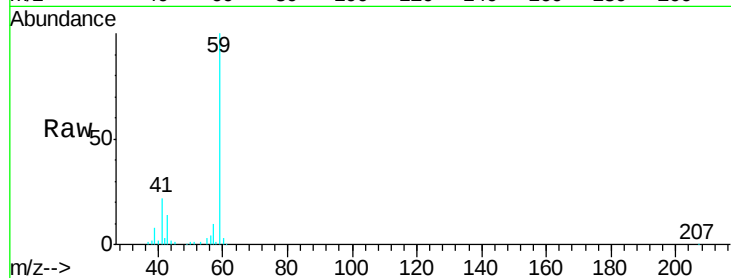


#11

Tert butyl alcohol
Concen: 205.757 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

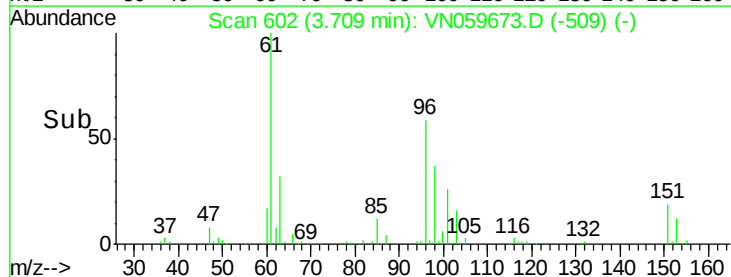
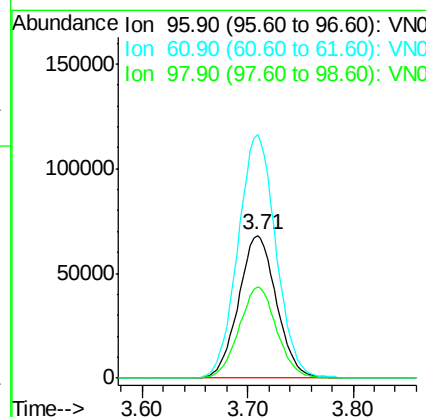
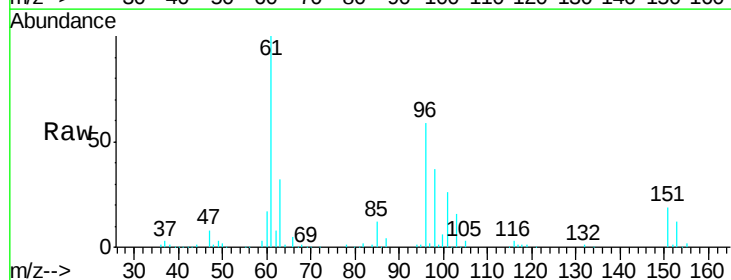
Tgt Ion: 59 Resp: 175032
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8

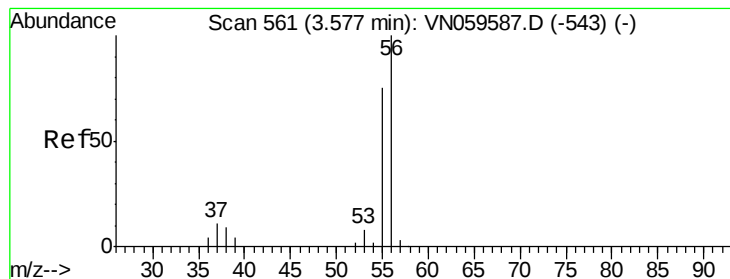


#12

1,1-Dichloroethene
Concen: 50.825 ug/l
RT: 3.71 min Scan# 602
Delta R.T. 0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 96 Resp: 169985
Ion Ratio Lower Upper
96 100
61 170.6 137.5 206.3
98 63.9 50.2 75.4





#13

Acrolein

Concen: 244.233 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

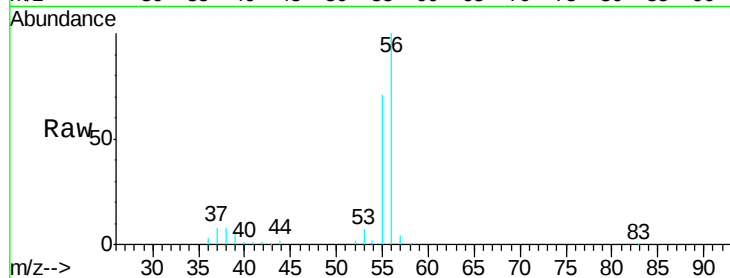
VSTDCCC050EC

Tgt Ion: 56 Resp: 147996

Ion Ratio Lower Upper

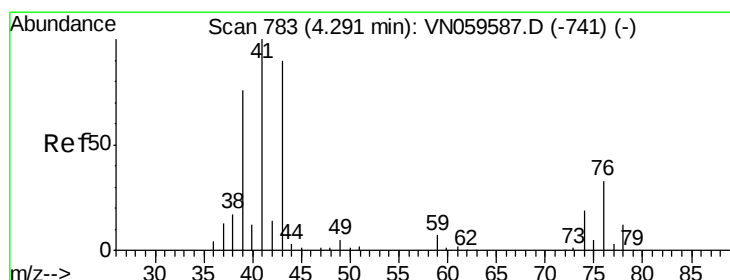
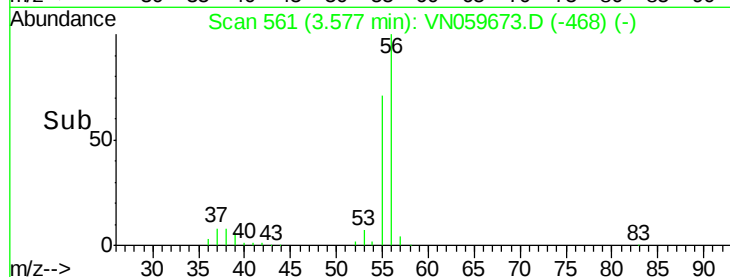
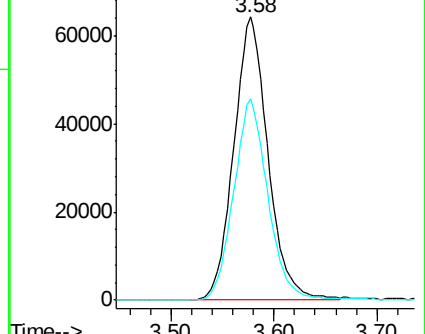
56 100

55 71.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 43.856 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

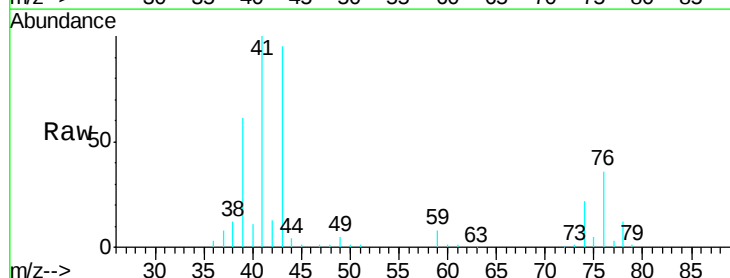
Tgt Ion: 41 Resp: 301109

Ion Ratio Lower Upper

41 100

39 56.8 57.8 86.8#

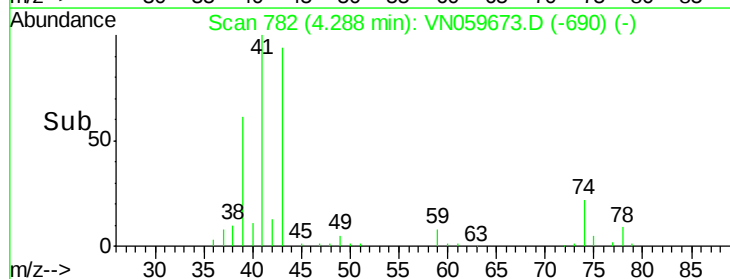
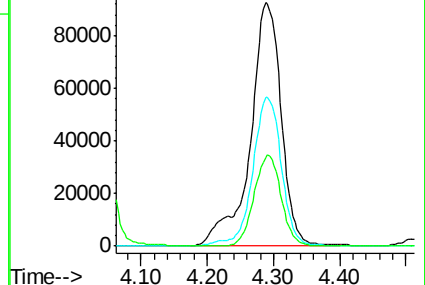
76 32.6 25.4 38.0

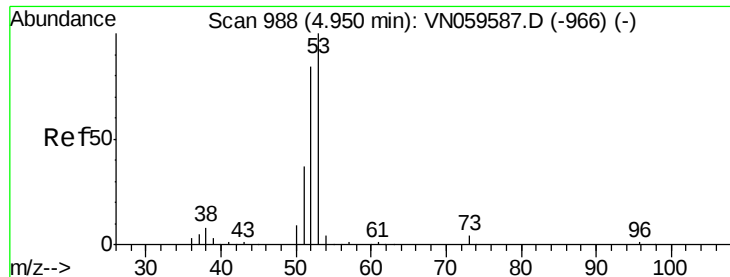


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 233.475 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.01 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

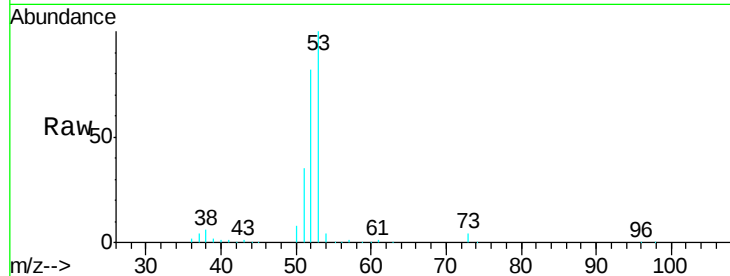
Tgt Ion: 53 Resp: 480414

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

51 35.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059587.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059587.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059587.D (-966) (-)

4.94

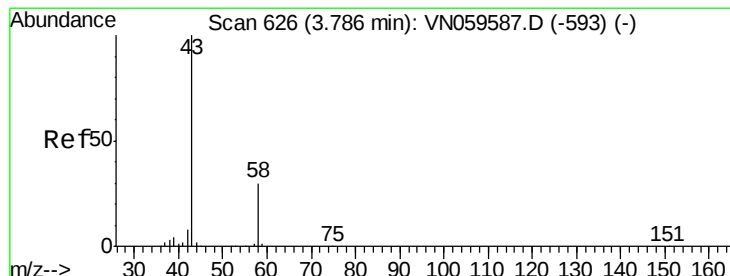
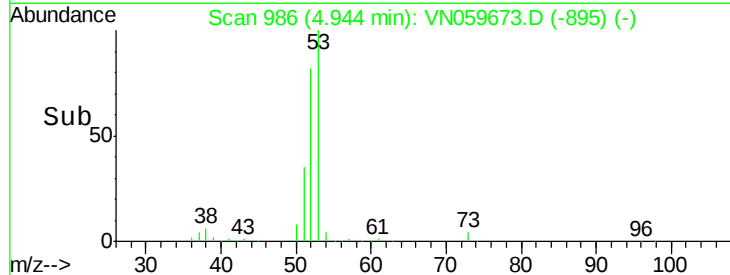
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 178.965 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.00 min

Lab File: VN059673.D

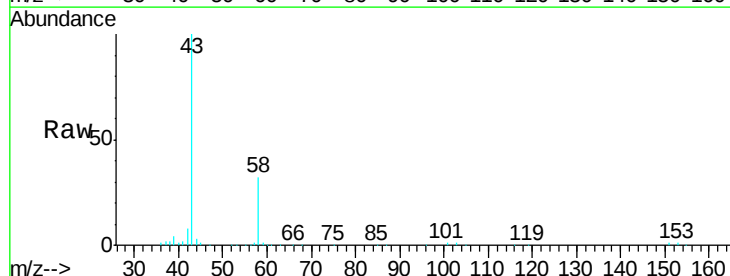
Acq: 19 Dec 2019 17:26

Tgt Ion: 43 Resp: 493021

Ion Ratio Lower Upper

43 100

58 31.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.78

200000

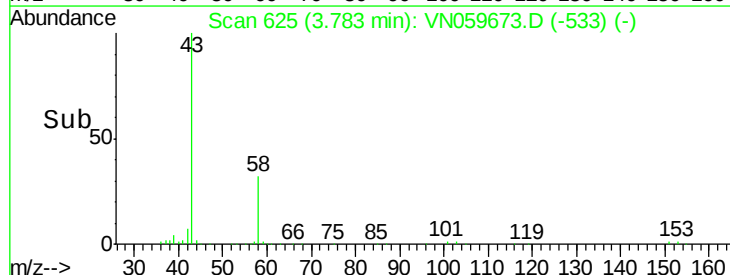
150000

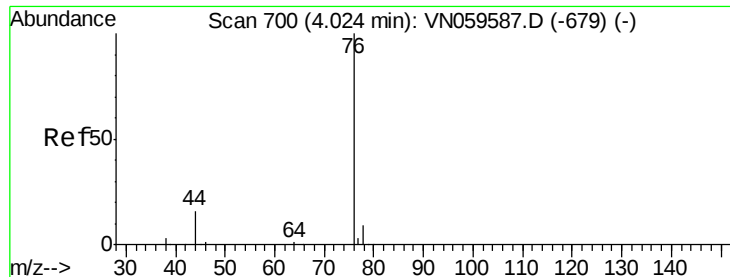
100000

50000

0

Time-->

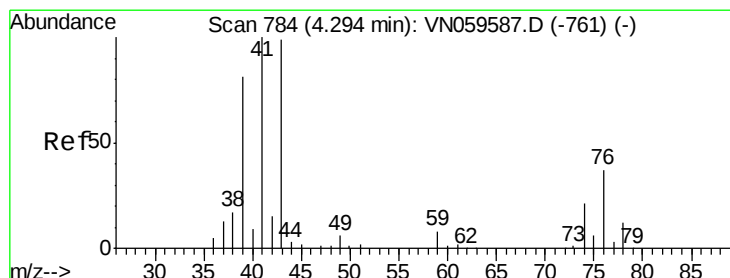
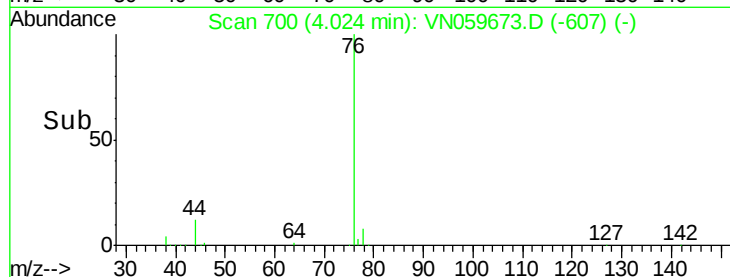
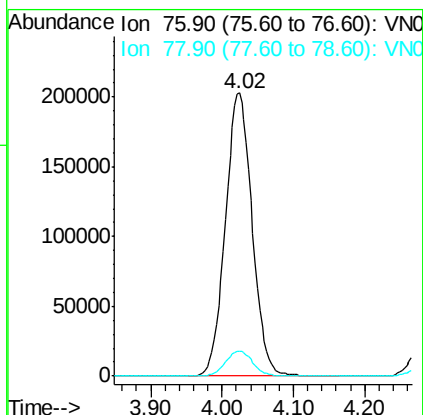
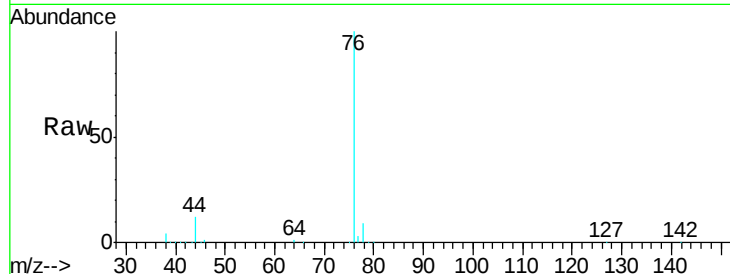




#17
Carbon Disulfide
Concen: 46.168 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

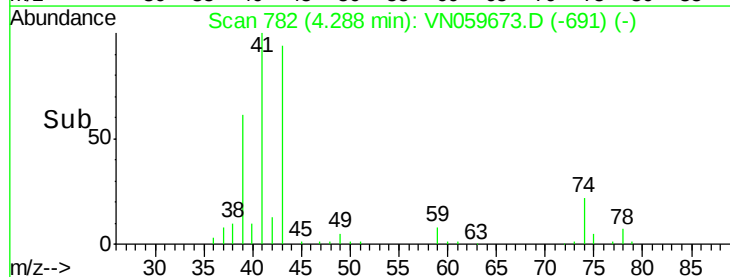
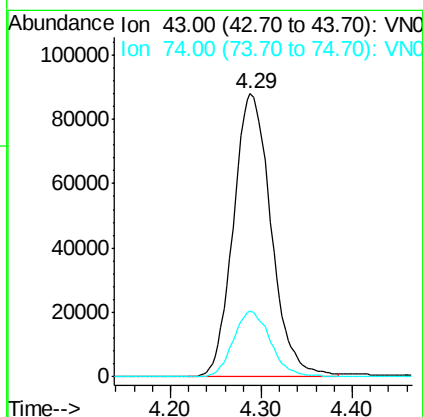
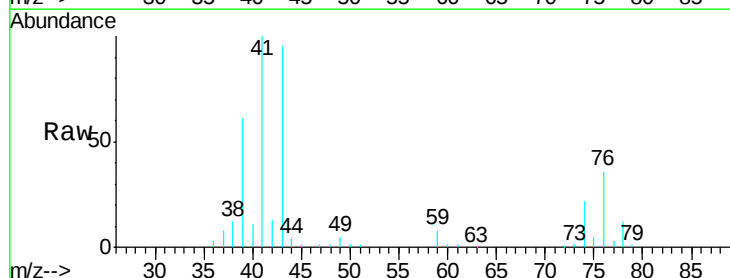
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

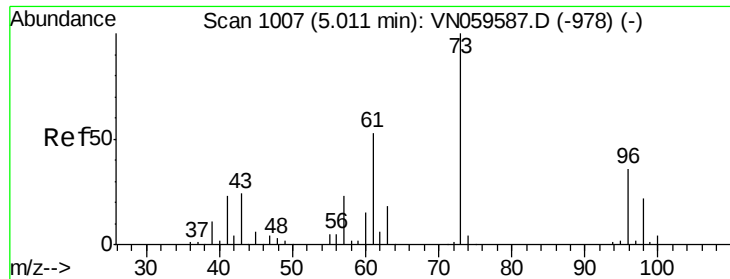
Tgt Ion: 76 Resp: 529644
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 43.609 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 43 Resp: 251734
Ion Ratio Lower Upper
43 100
74 23.1 17.5 26.3

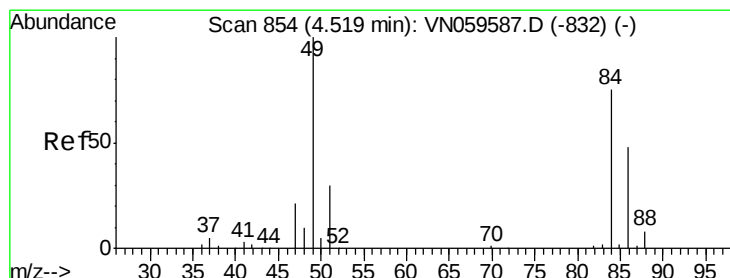
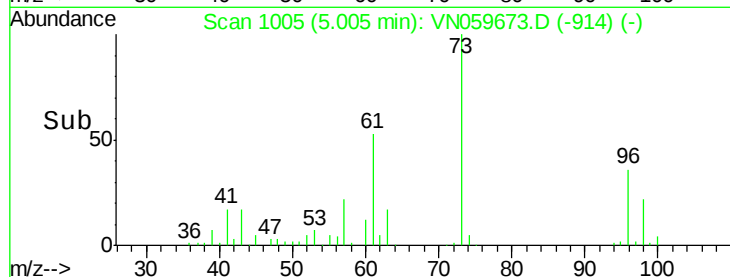
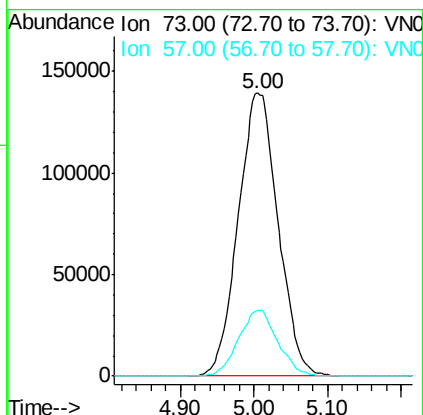
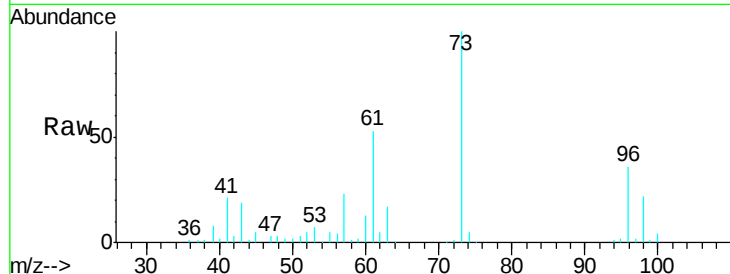




#19
Methyl tert-butyl Ether
Concen: 44.479 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

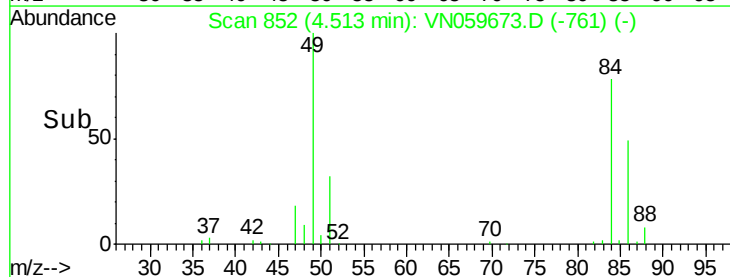
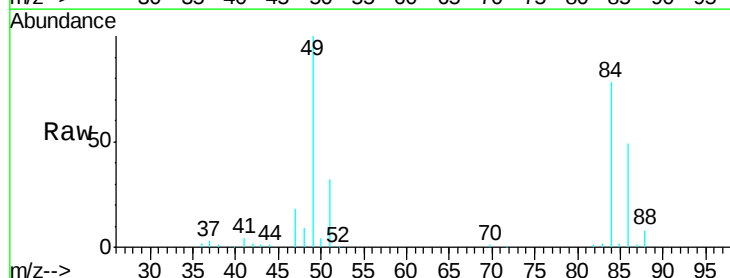
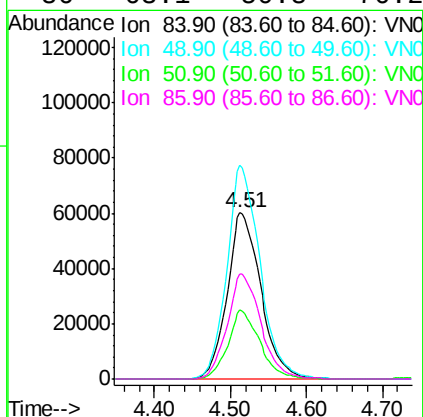
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

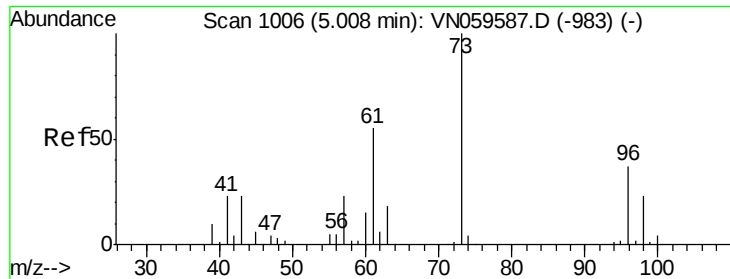
Tgt Ion: 73 Resp: 525248
Ion Ratio Lower Upper
73 100
57 23.1 18.6 27.8



#20
Methylene Chloride
Concen: 46.674 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 84 Resp: 185701
Ion Ratio Lower Upper
84 100
49 128.6 106.6 160.0
51 41.4 31.9 47.9
86 63.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 43.449 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

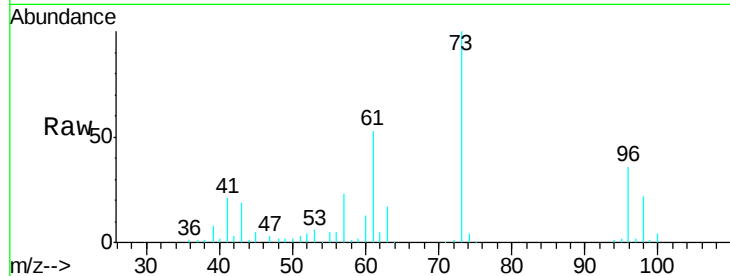
Tgt Ion: 96 Resp: 161997

Ion Ratio Lower Upper

96 100

61 146.2 120.4 180.6

98 62.0 50.6 75.8

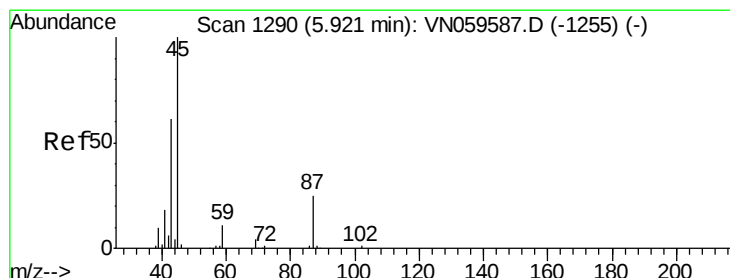
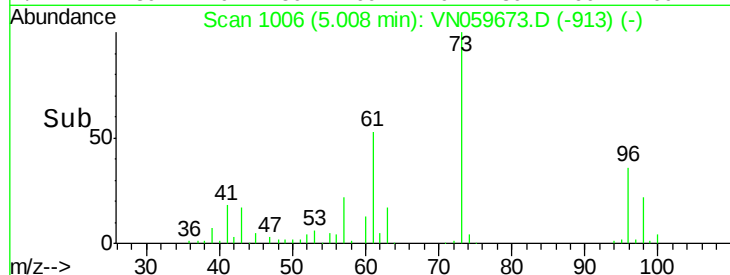
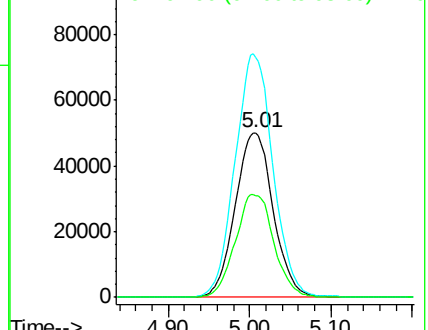


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.903 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Tgt Ion: 45 Resp: 669642

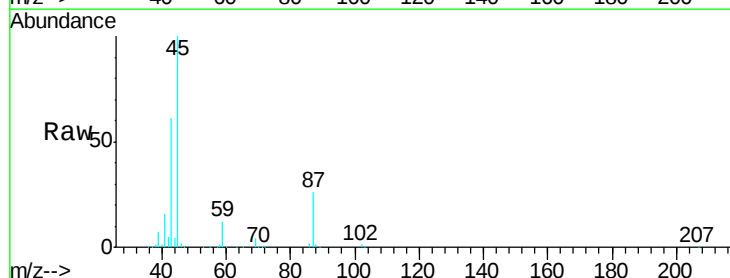
Ion Ratio Lower Upper

45 100

43 59.8 50.8 76.2

87 25.6 21.0 31.6

59 11.3 9.1 13.7



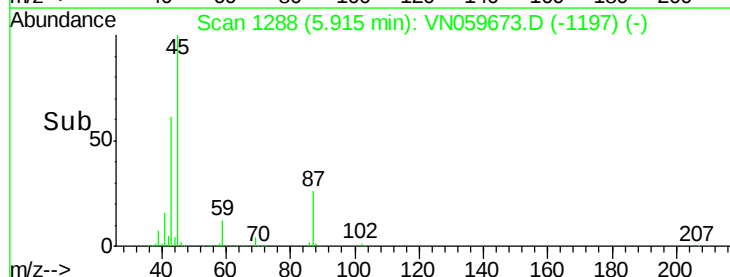
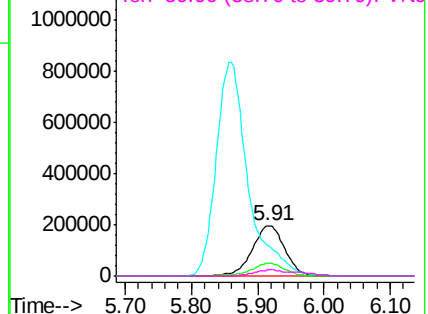
Abundance

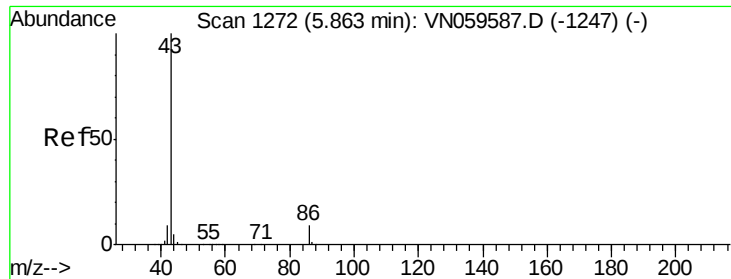
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

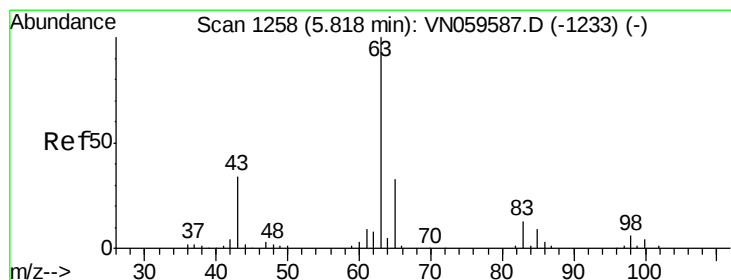
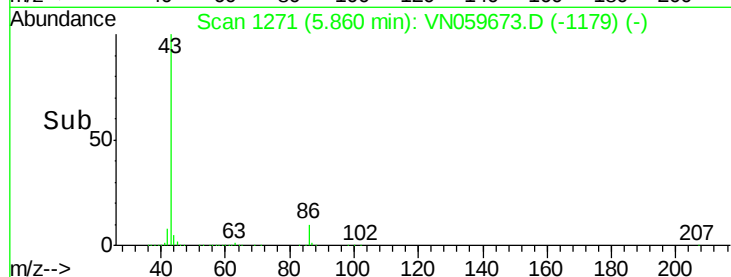
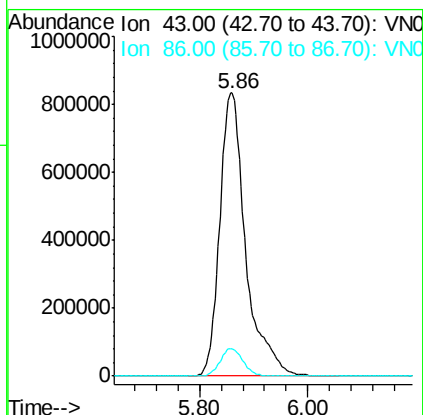
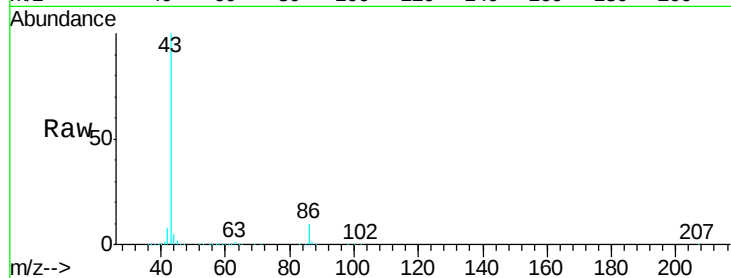




#23
 Vinyl Acetate
 Concen: 280.515 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

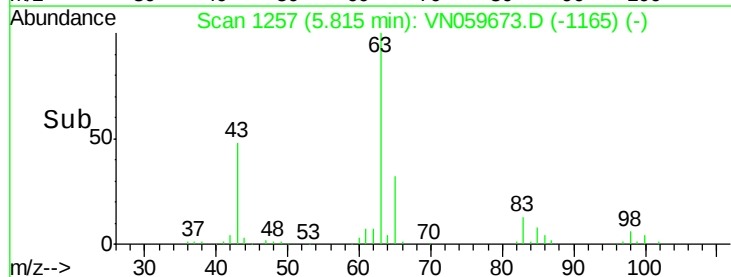
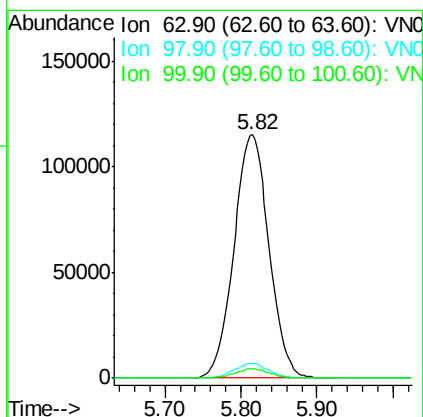
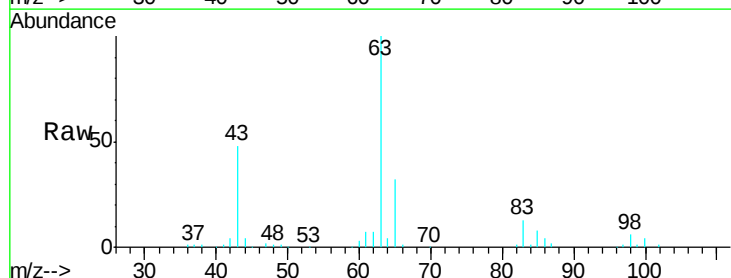
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

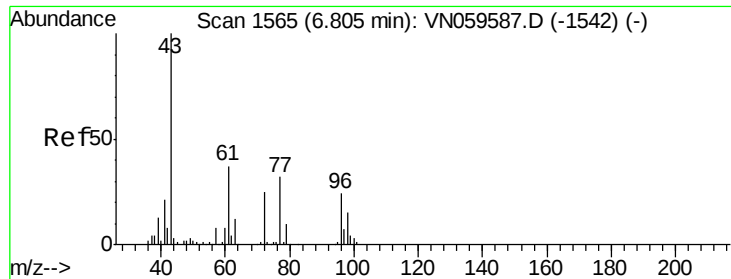
Tgt Ion: 43 Resp: 2786486
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 51.340 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion: 63 Resp: 368119
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 3.9 2.0 6.0

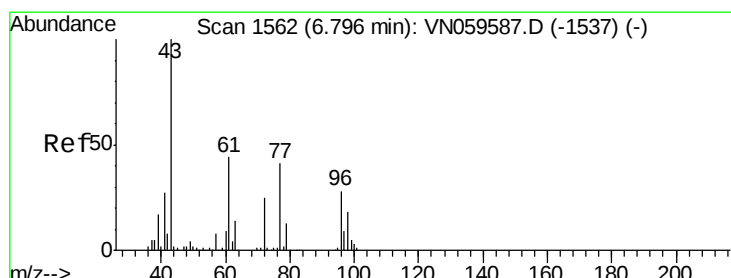
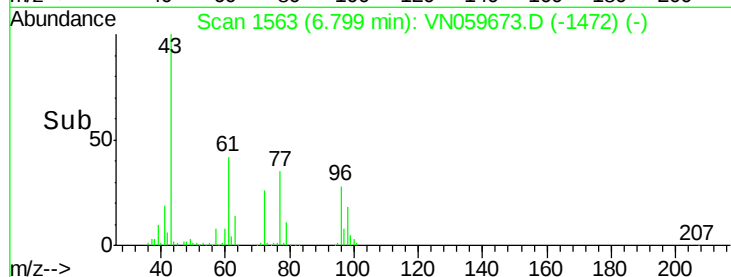
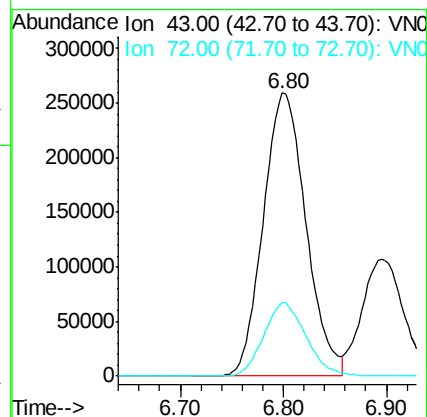
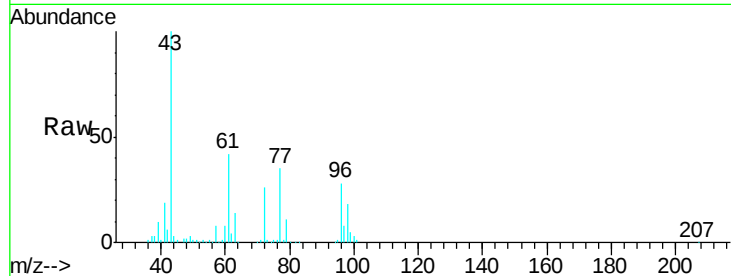




#25
2-Butanone
Concen: 226.193 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

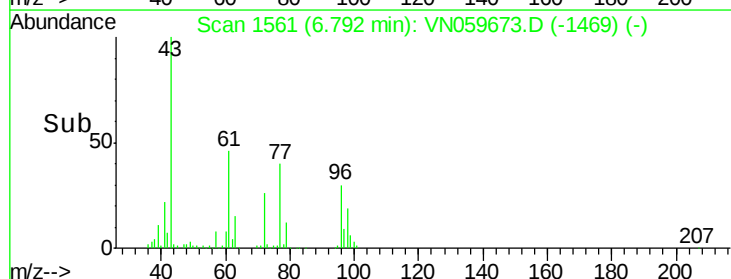
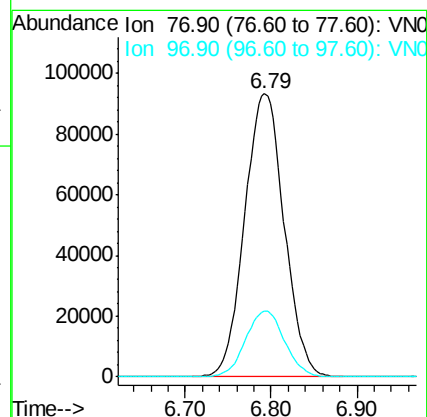
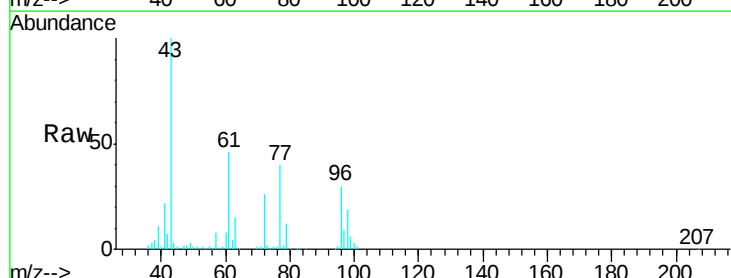
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

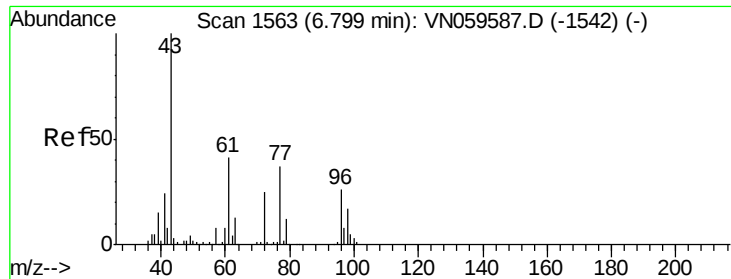
Tgt Ion: 43 Resp: 745138
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 45.687 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 77 Resp: 297730
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 51.160 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

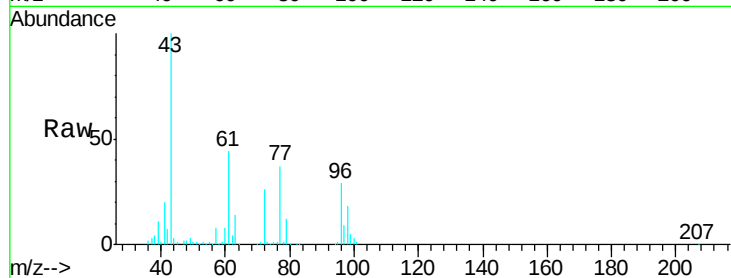
Tgt Ion: 96 Resp: 211367

Ion Ratio Lower Upper

96 100

61 154.3 0.0 317.6

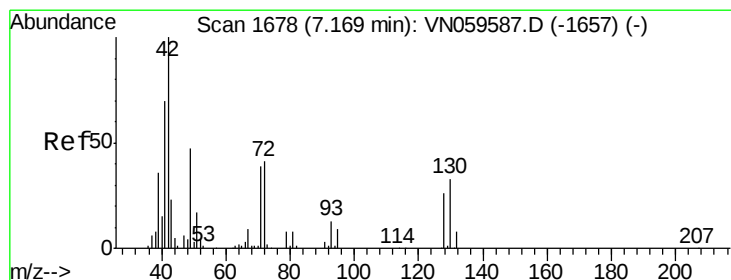
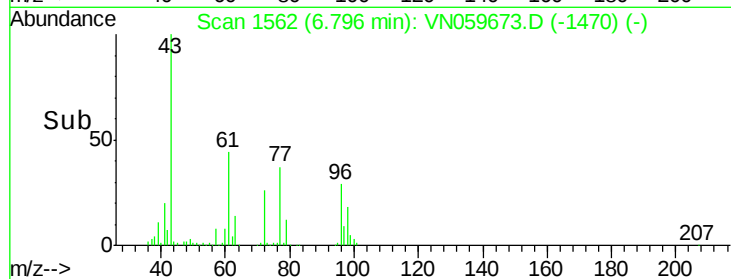
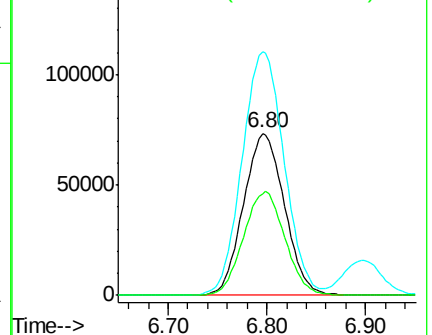
98 64.8 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.997 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

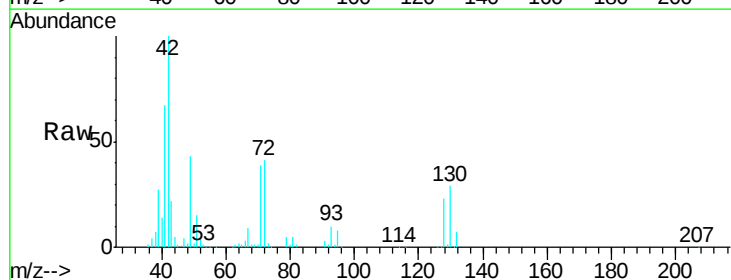
Tgt Ion: 49 Resp: 150639

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.4

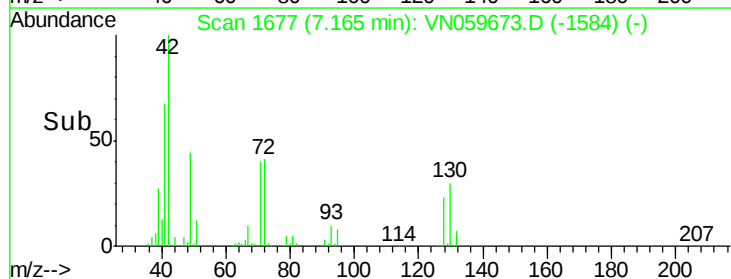
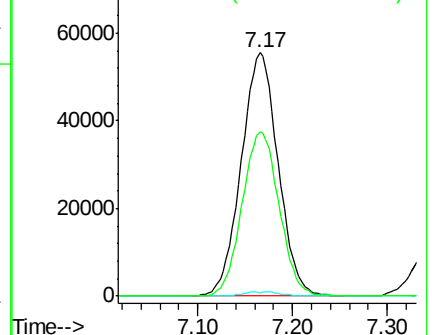
130 67.7 54.7 82.1

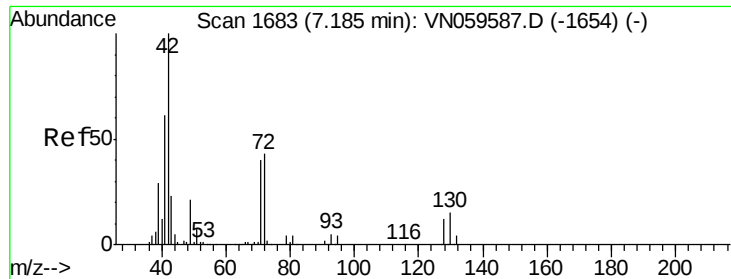


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

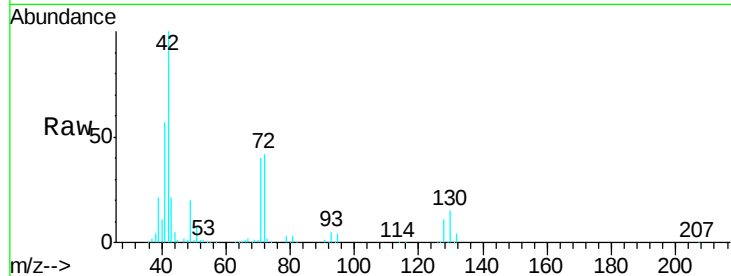




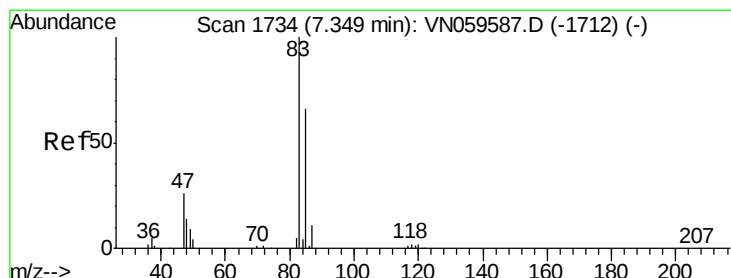
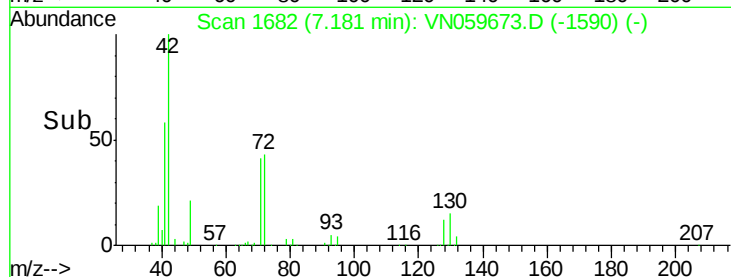
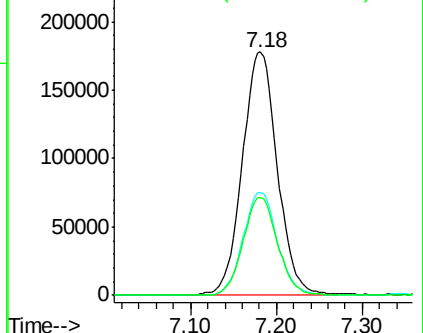
#29
Tetrahydrofuran
Concen: 249.803 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 501391
Ion Ratio Lower Upper
42 100
72 41.9 33.1 49.7
71 39.8 31.4 47.0

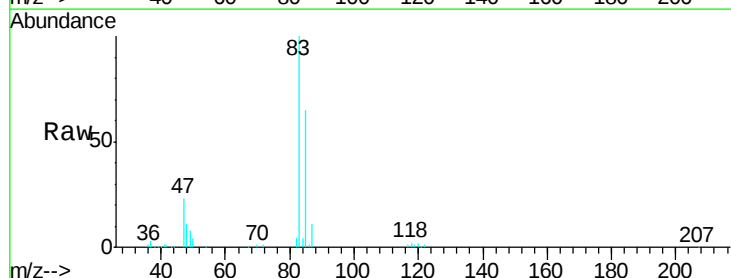


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

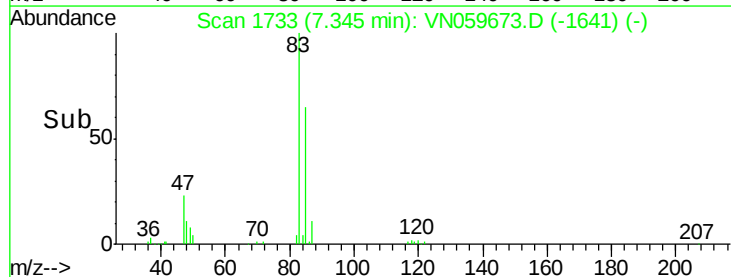
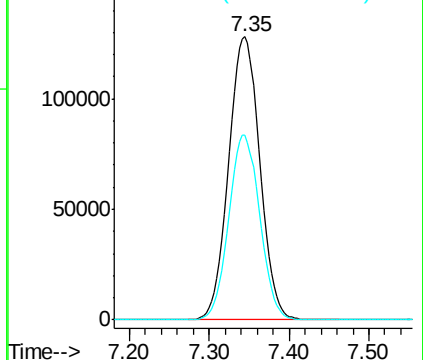


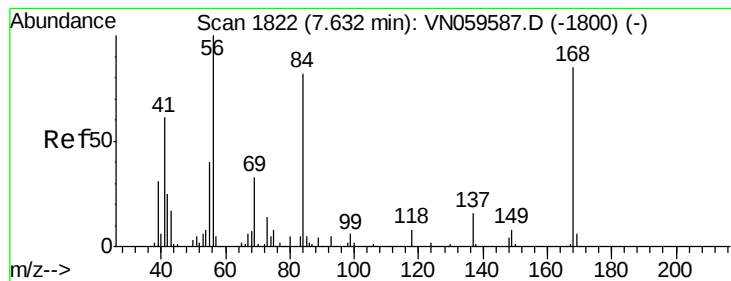
#30
Chloroform
Concen: 47.995 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 83 Resp: 338743
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6



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





#31

Cyclohexane

Concen: 48.905 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

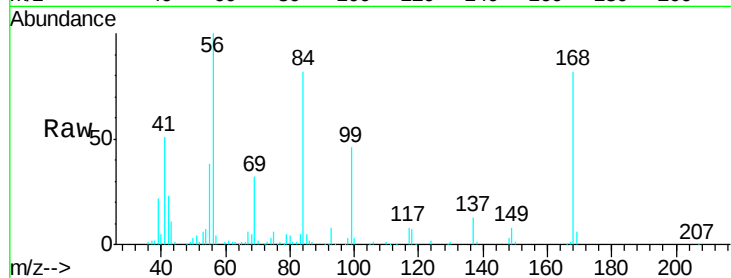
Tgt Ion: 56 Resp: 331328

Ion Ratio Lower Upper

56 100

69 32.4 26.5 39.7

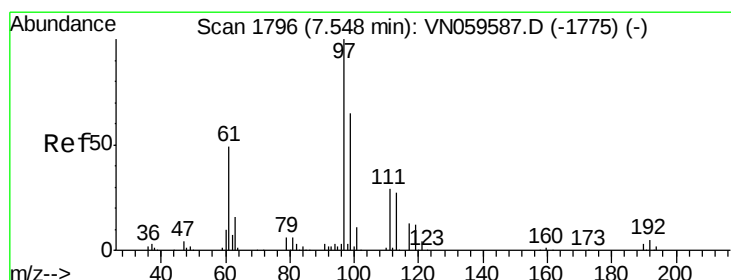
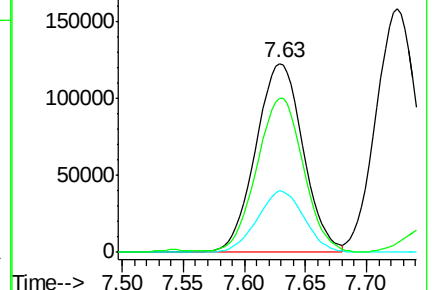
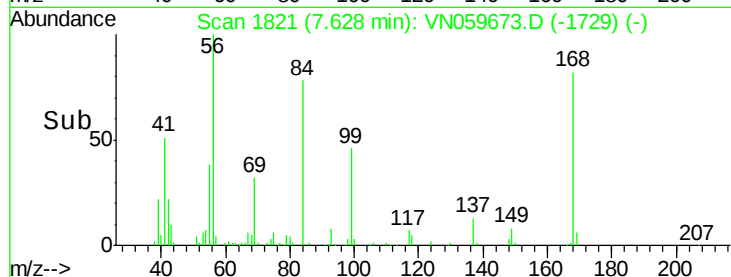
84 80.5 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 44.897 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

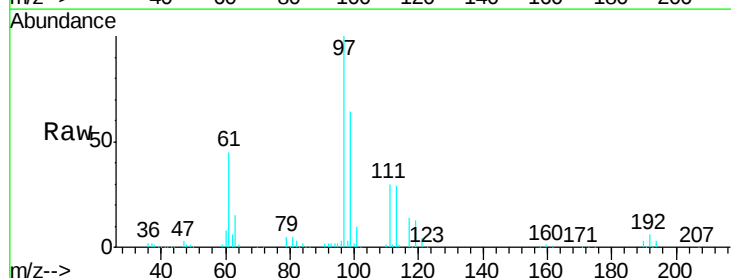
Tgt Ion: 97 Resp: 285679

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

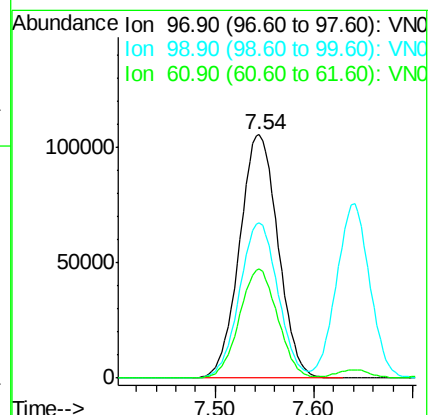
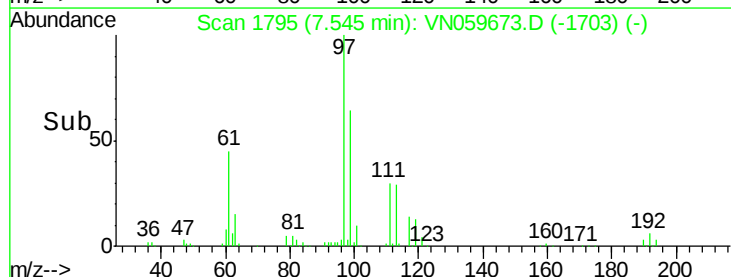
61 44.6 38.5 57.7

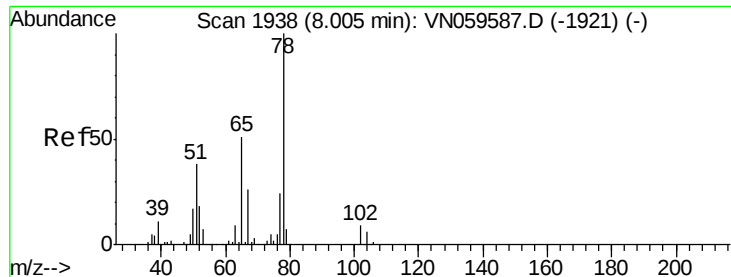


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

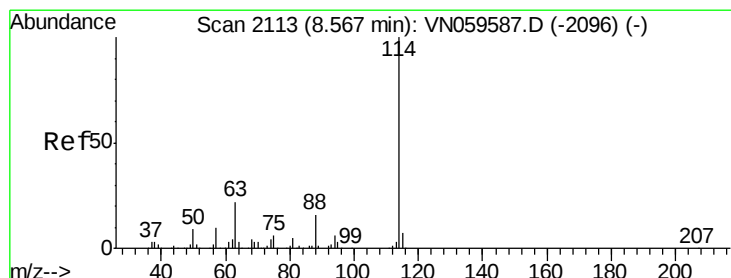
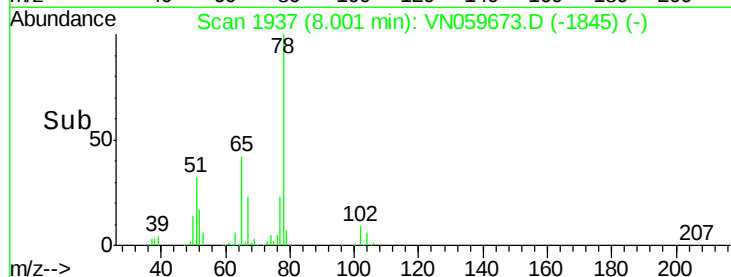
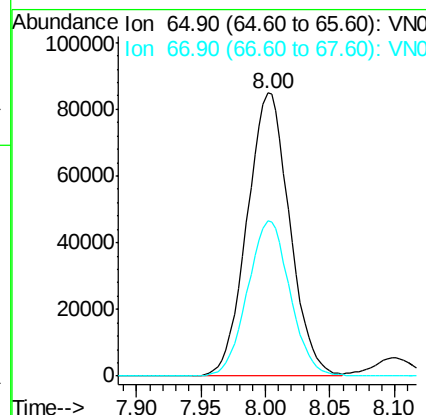
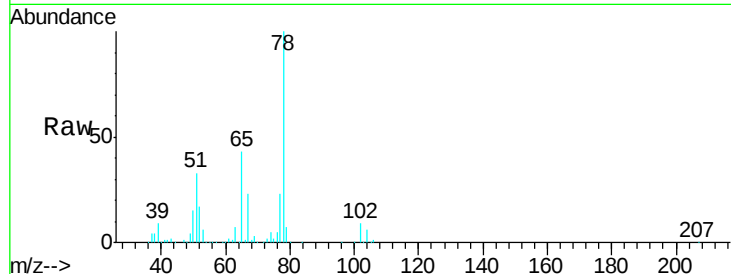




#33
 1,2-Dichloroethane-d4
 Concen: 42.089 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

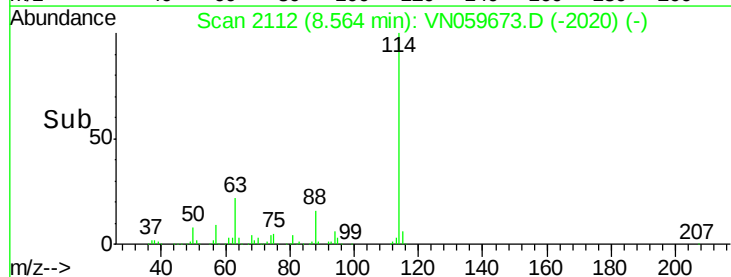
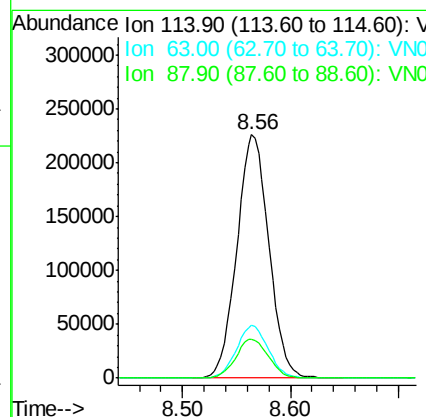
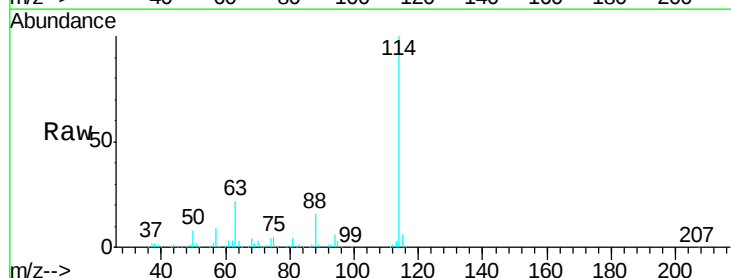
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

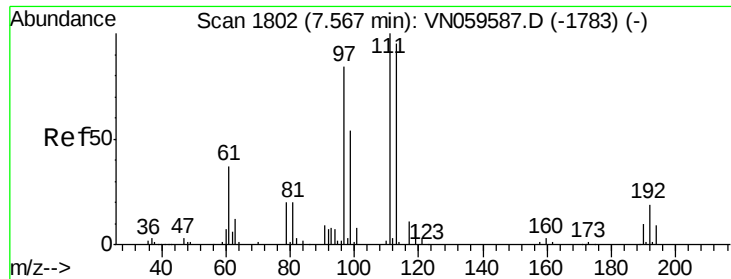
Tgt Ion: 65 Resp: 195297
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion: 114 Resp: 467010
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.6
 88 16.2 0.0 31.4

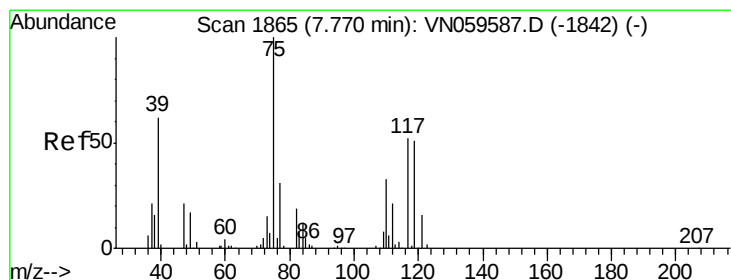
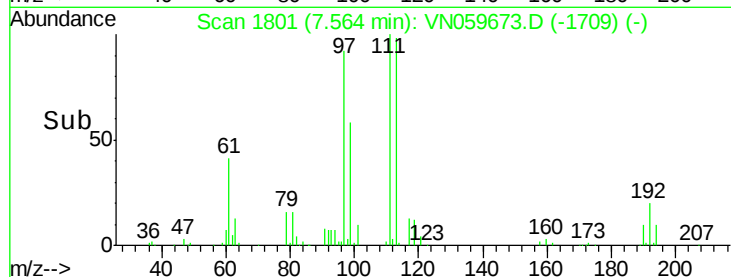
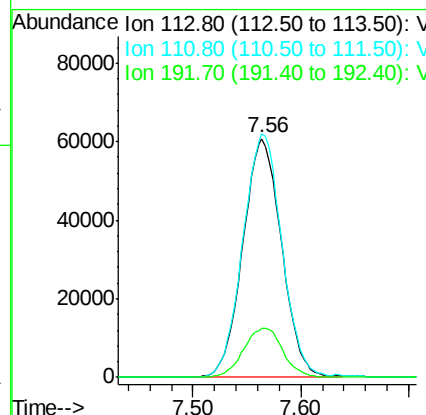
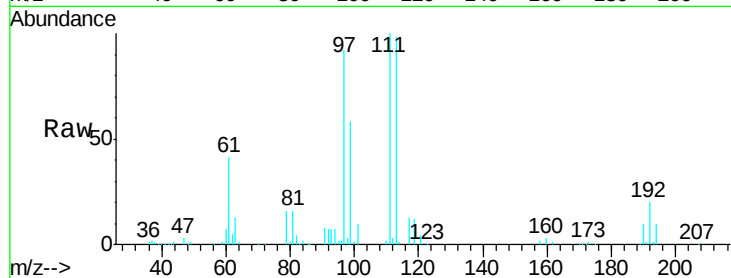




#35
 Dibromofluoromethane
 Concen: 51.948 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

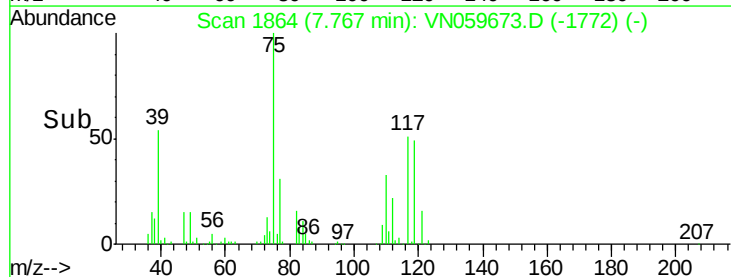
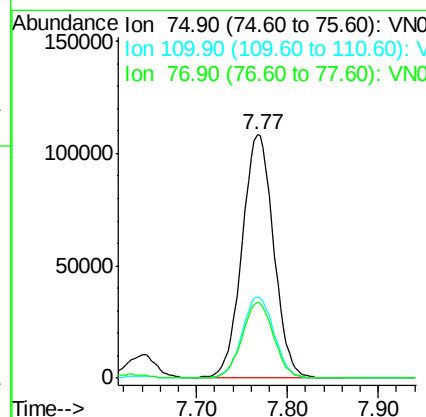
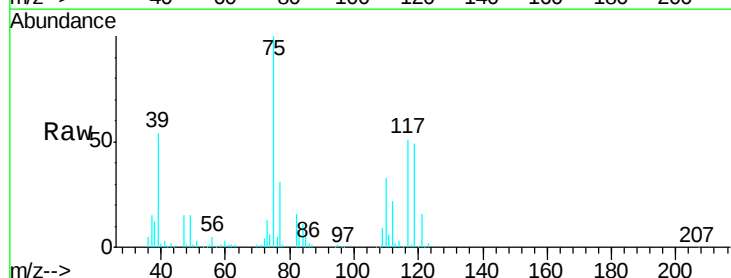
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

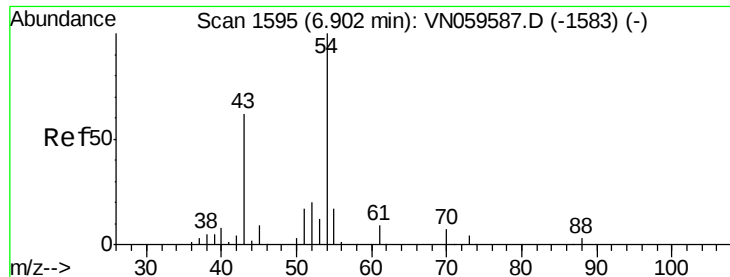
Tgt Ion: 113 Resp: 151792
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 20.9 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 53.431 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion: 75 Resp: 260220
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.6 49.7
 77 31.5 25.1 37.7

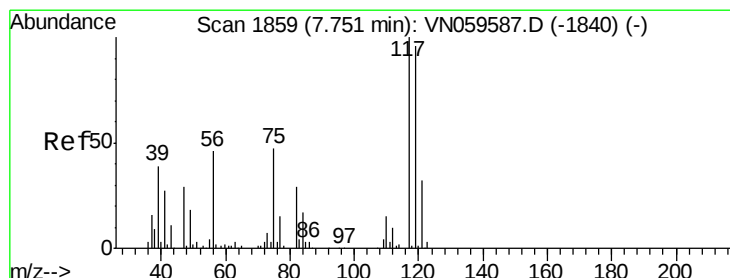
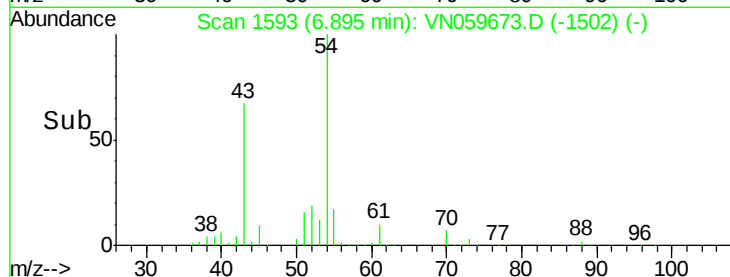
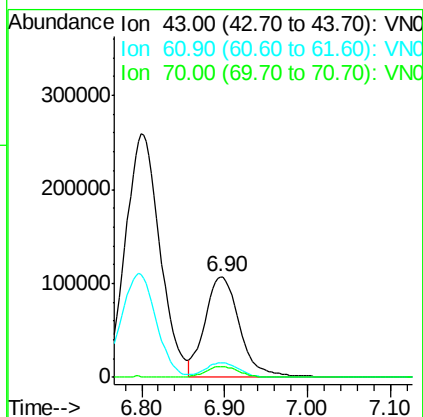
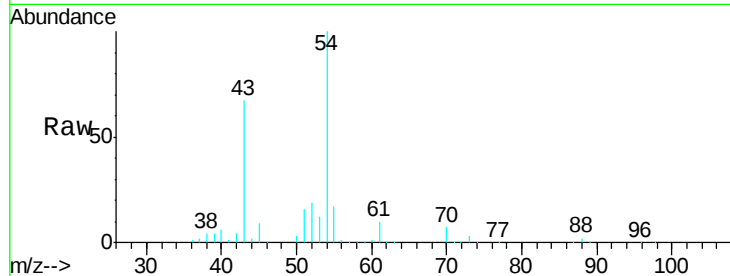




#37
Ethyl Acetate
Concen: 54.709 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

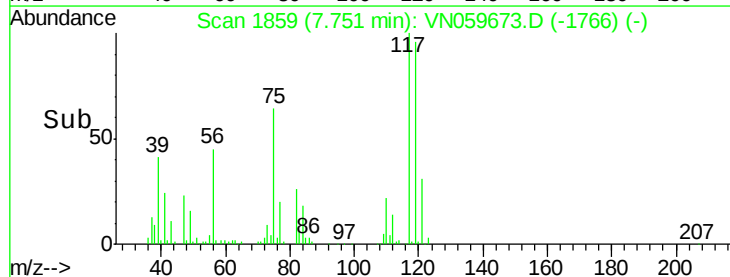
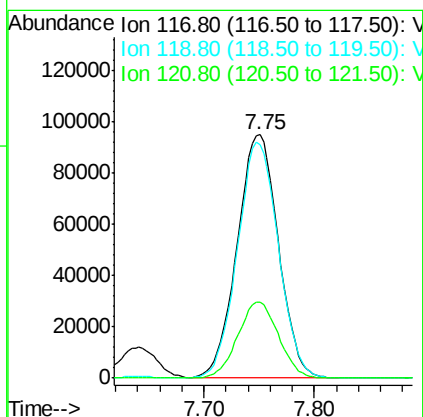
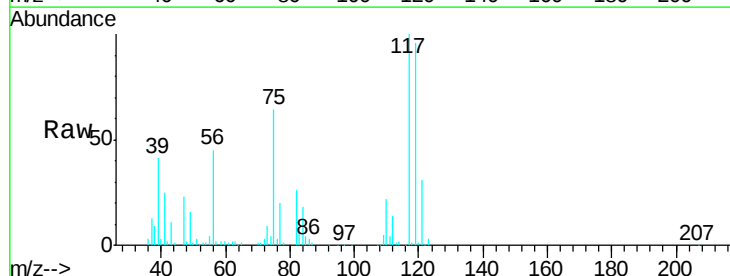
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

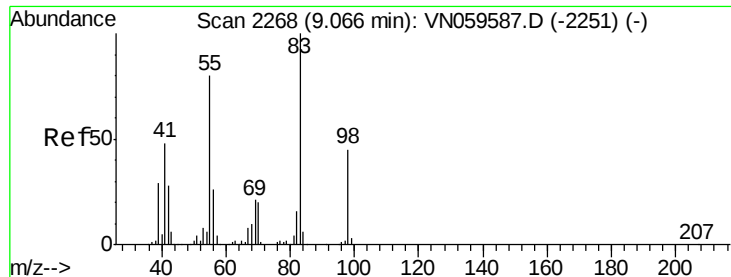
Tgt Ion: 43 Resp: 309680
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 10.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.820 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 117 Resp: 246723
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
121 31.2 25.1 37.7

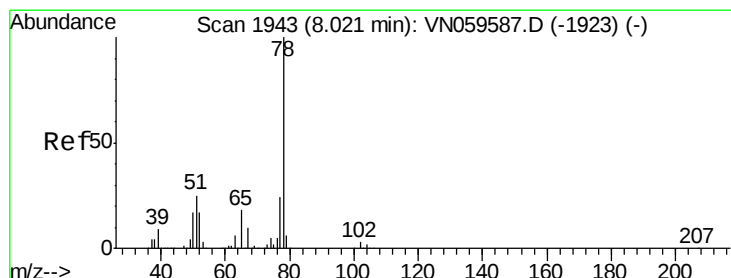
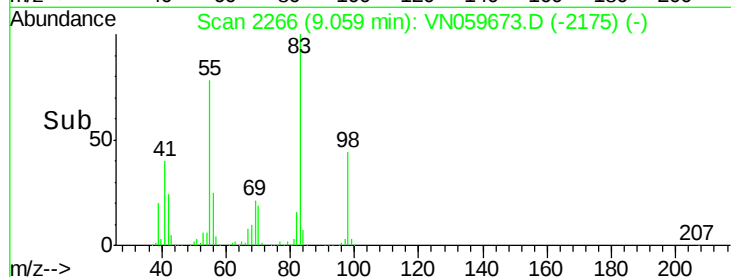
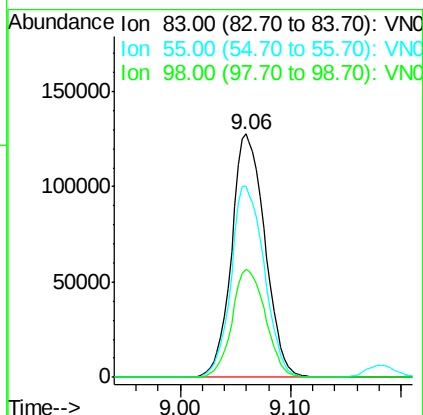
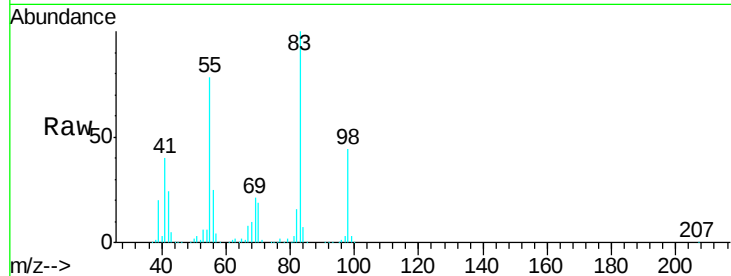




#39
Methylcyclohexane
Concen: 48.386 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

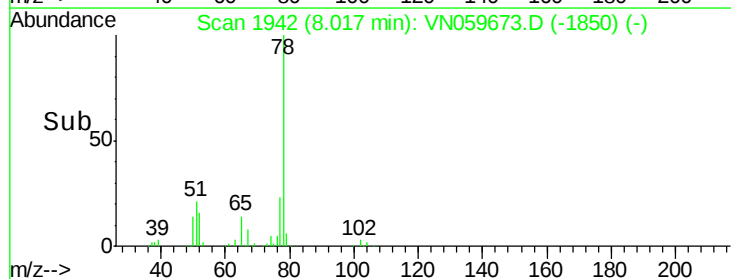
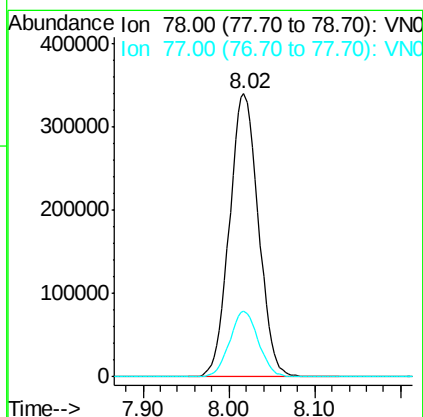
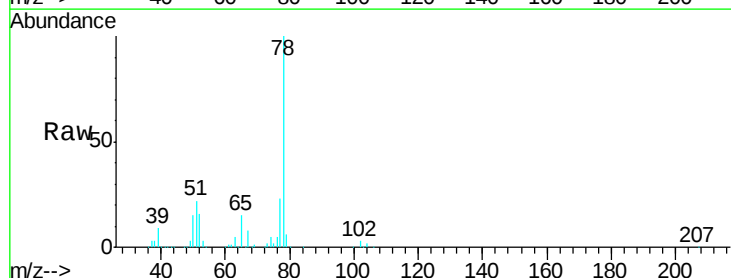
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

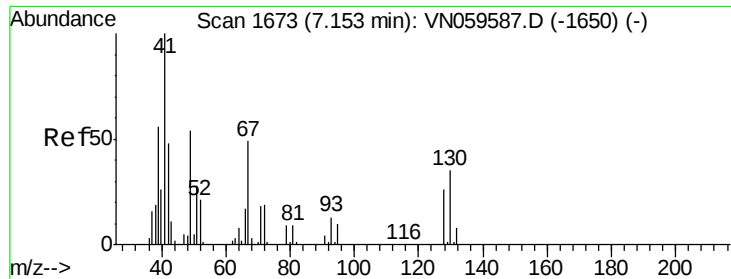
Tgt Ion: 83 Resp: 267295
Ion Ratio Lower Upper
83 100
55 78.4 64.2 96.2
98 44.4 35.9 53.9



#40
Benzene
Concen: 55.908 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 78 Resp: 795721
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

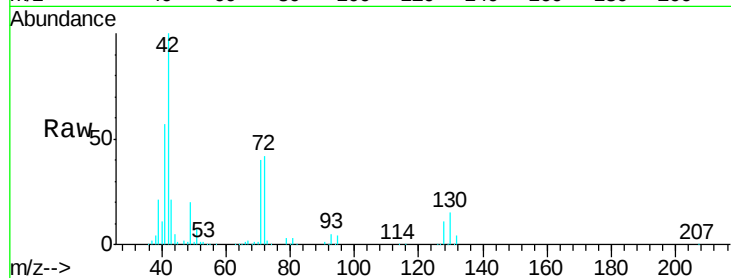




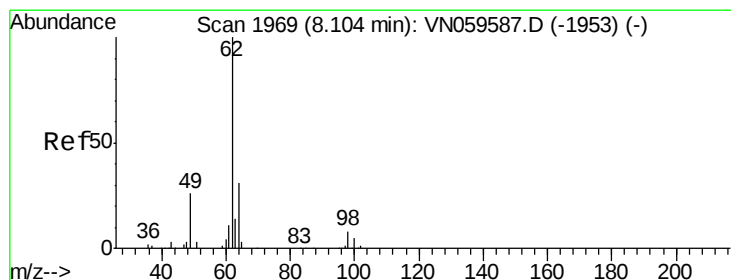
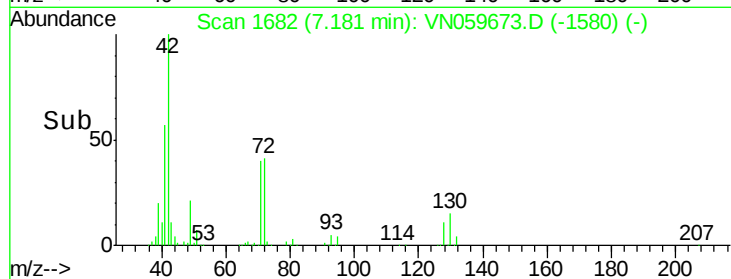
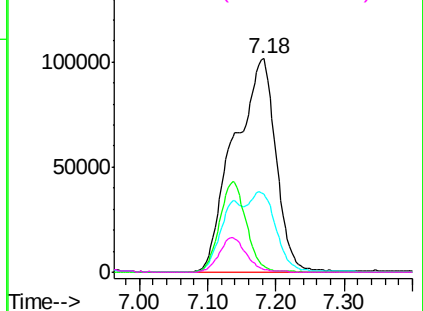
#41
Methacrylonitrile
Concen: 186.121 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	434795
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

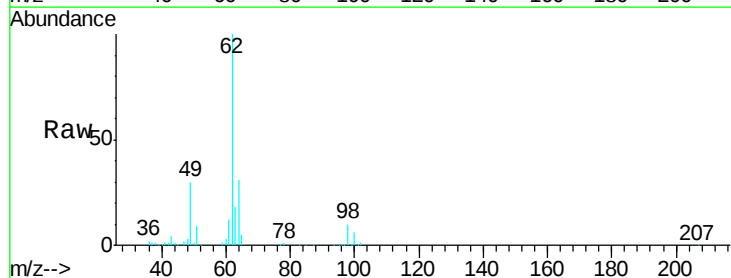


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

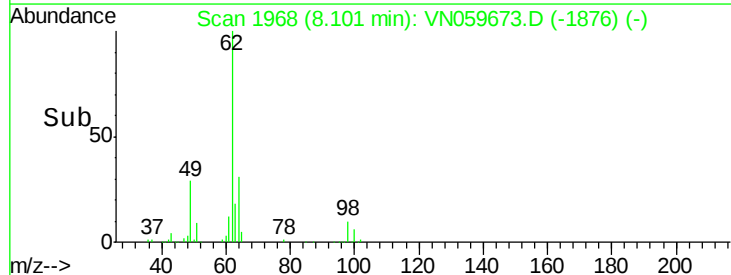
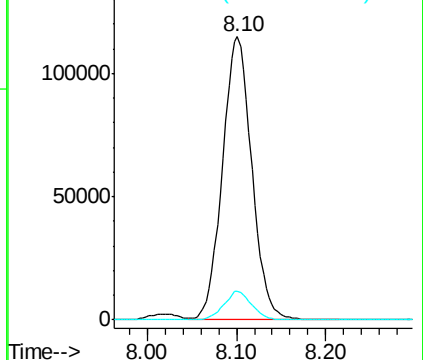


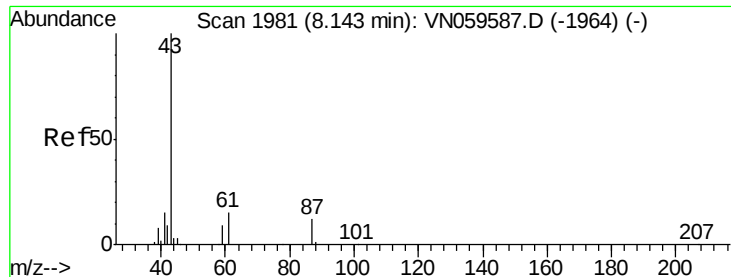
#42
1,2-Dichloroethane
Concen: 48.050 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion:	62	Resp:	261900
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8



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

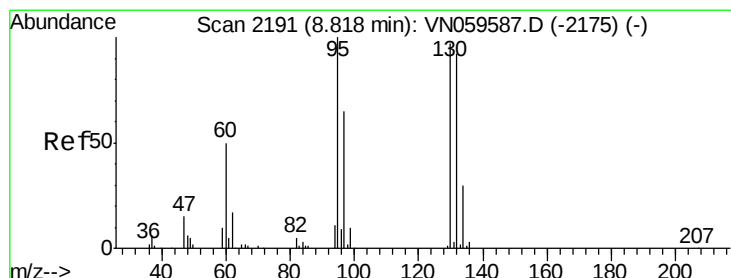
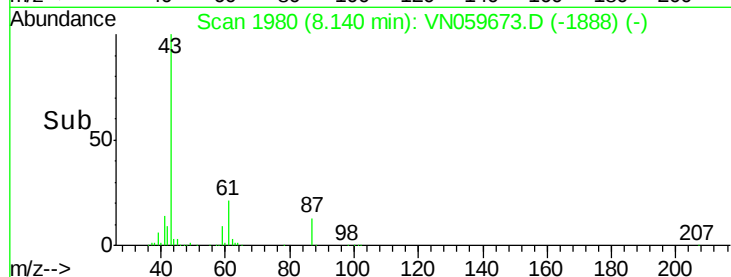
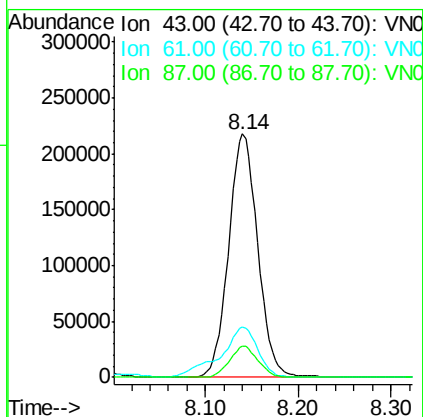
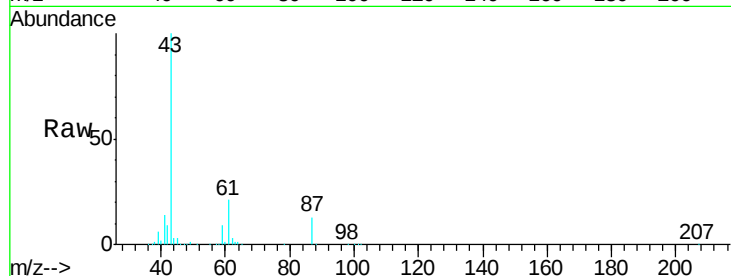




#43
Isopropyl Acetate
Concen: 53.532 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

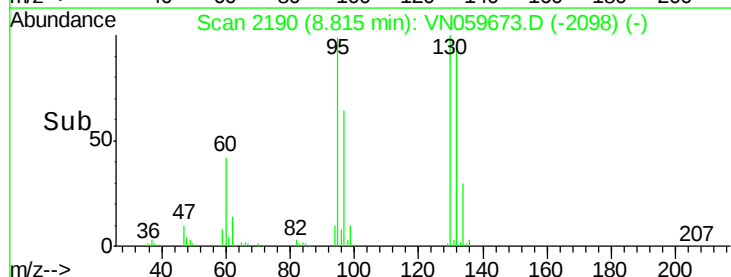
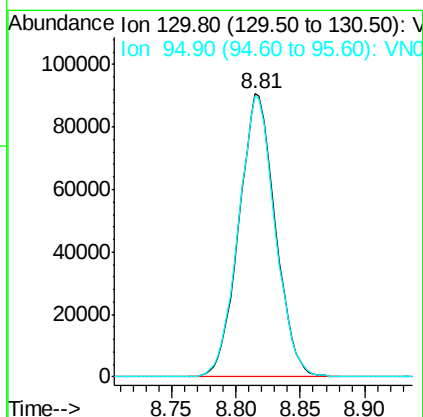
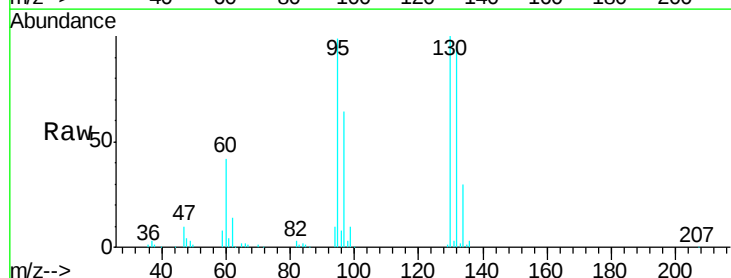
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

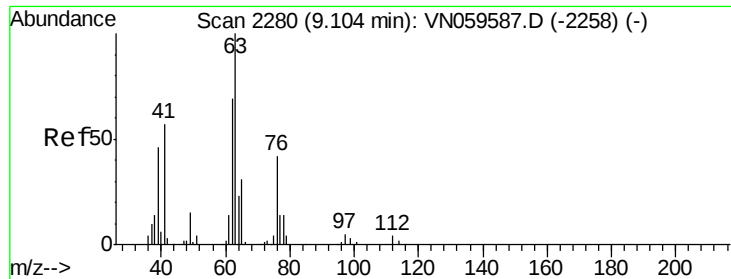
Tgt Ion: 43 Resp: 471108
Ion Ratio Lower Upper
43 100
61 26.6 20.2 30.2
87 12.5 9.5 14.3



#44
Trichloroethene
Concen: 47.699 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 130 Resp: 177824
Ion Ratio Lower Upper
130 100
95 99.2 0.0 207.0

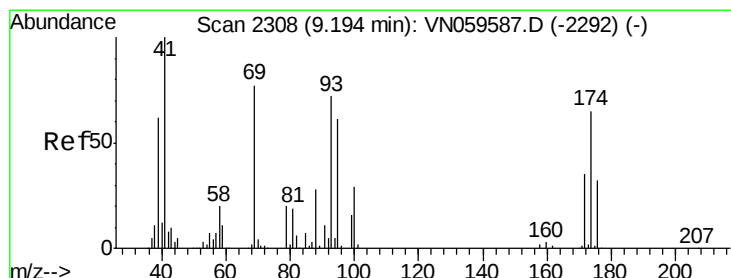
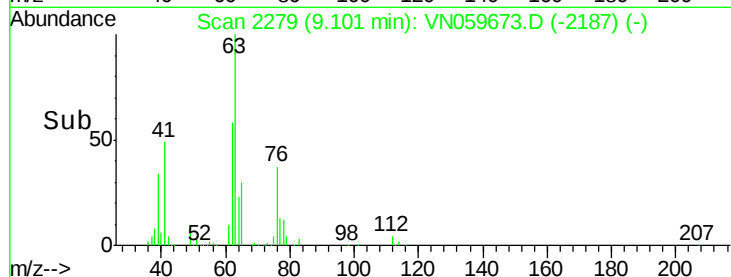
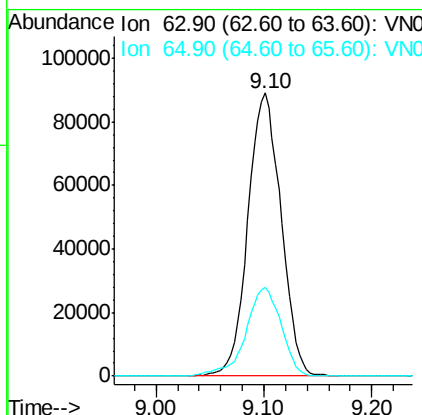
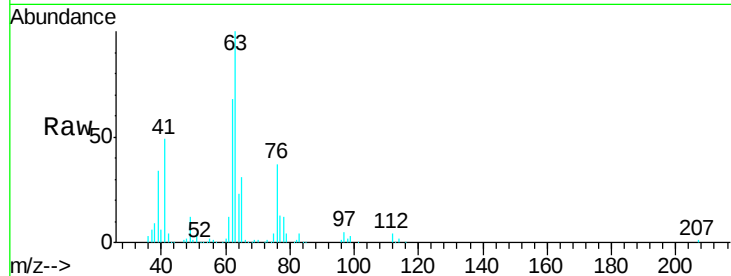




#45
 1,2-Dichloropropane
 Concen: 49.412 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

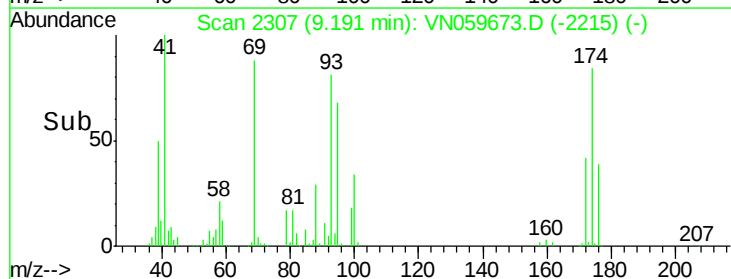
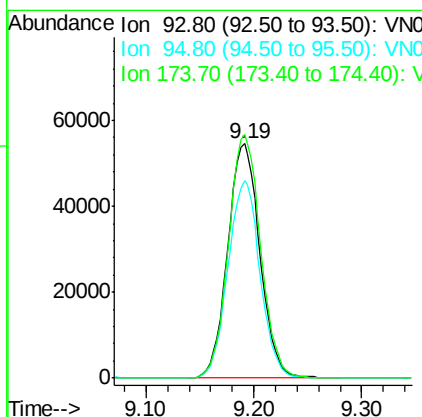
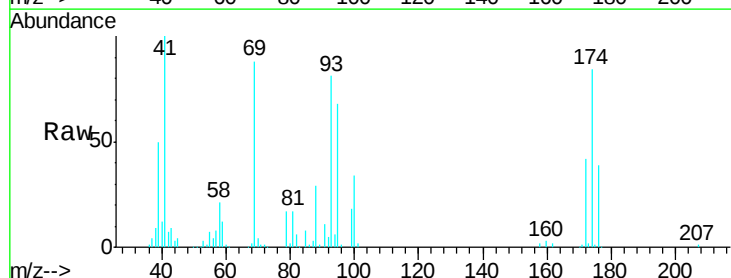
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

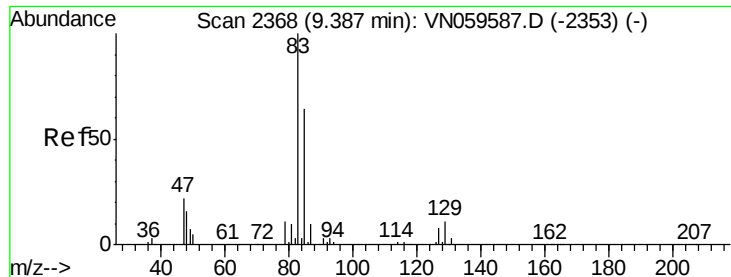
Tgt Ion: 63 Resp: 189909
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.9 37.3



#46
 Dibromomethane
 Concen: 44.871 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion: 93 Resp: 112983
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.6
 174 103.7 73.4 110.2





#47

Bromodichloromethane

Concen: 47.172 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

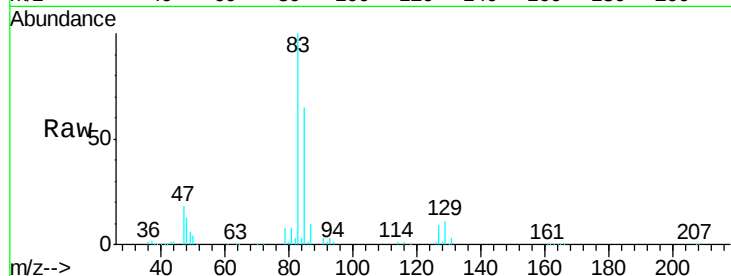
Tgt Ion: 83 Resp: 236812

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7

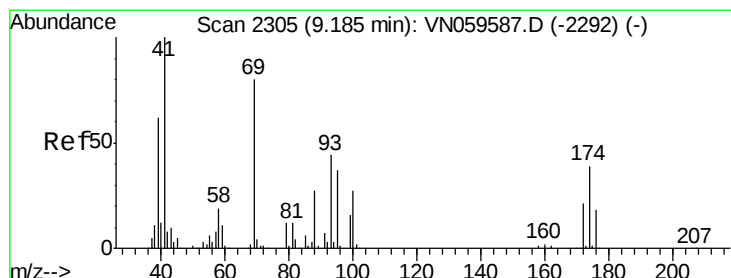
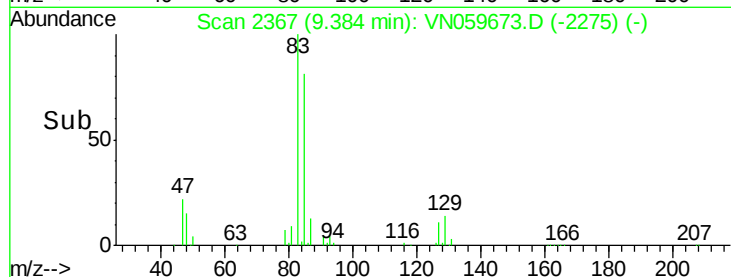
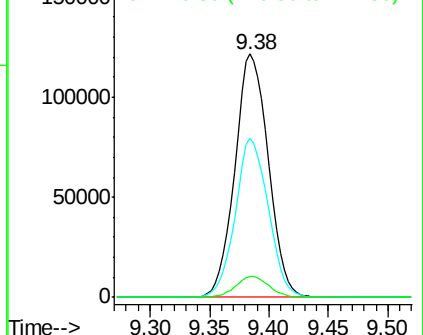
127 8.7 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN059587.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN059587.D (-2353) (-)



#48

Methyl methacrylate

Concen: 43.365 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

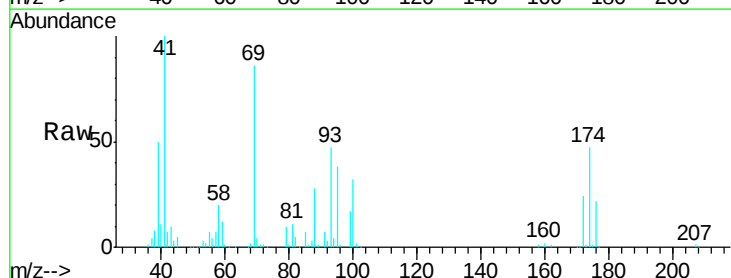
Tgt Ion: 41 Resp: 173148

Ion Ratio Lower Upper

41 100

69 88.8 64.4 96.6

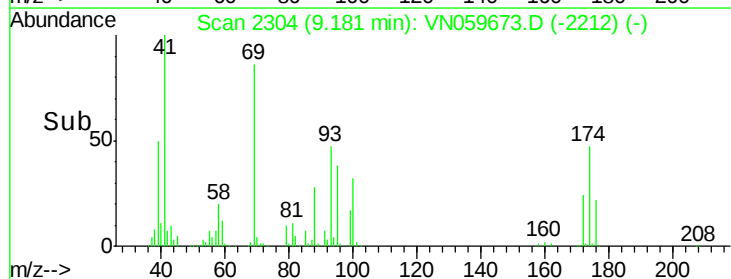
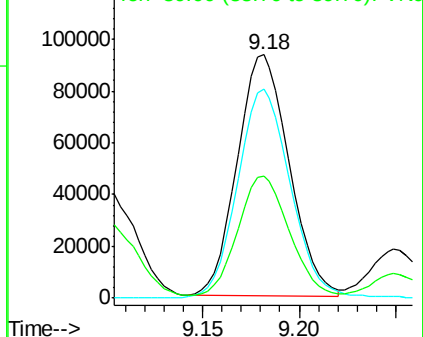
39 51.0 51.3 76.9#

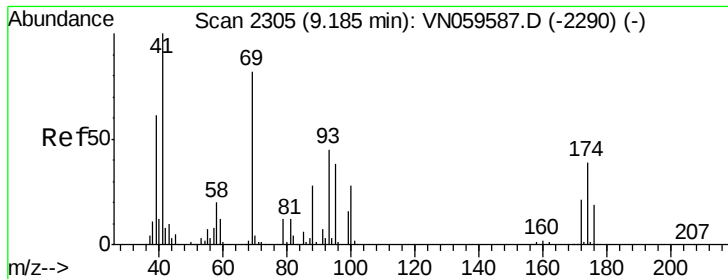


Abundance Ion 41.00 (40.70 to 41.70): VN059587.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN059587.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN059587.D (-2292) (-)





#49

1,4-Dioxane

Concen: 939.194 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

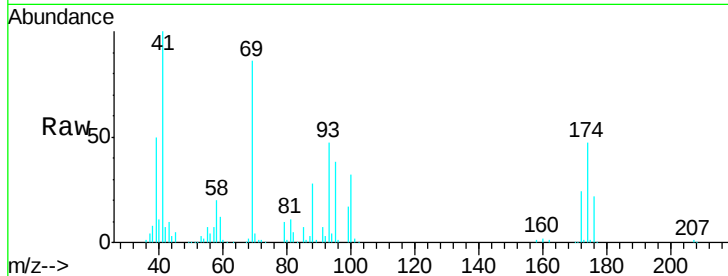
Tgt Ion: 88 Resp: 53740

Ion Ratio Lower Upper

88 100

43 31.9 29.7 44.5

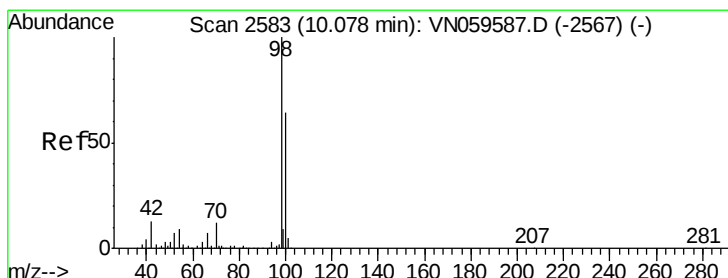
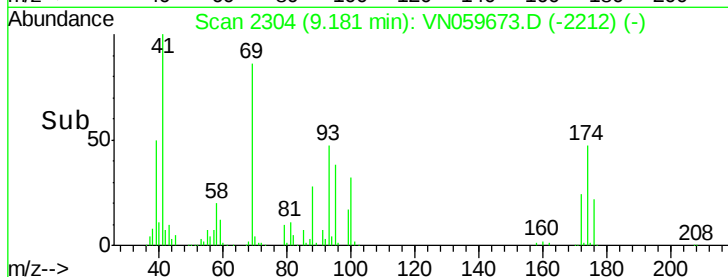
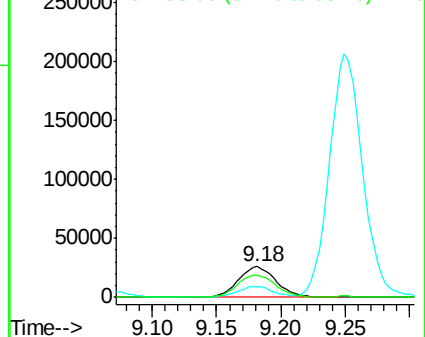
58 74.0 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.198 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059673.D

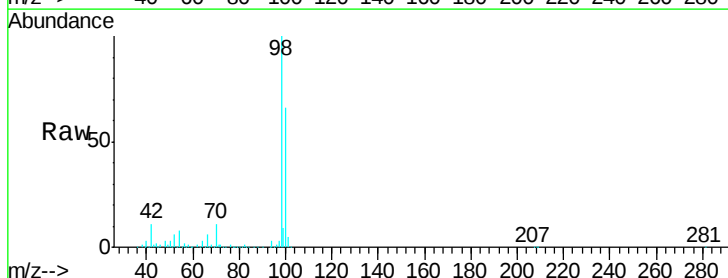
Acq: 19 Dec 2019 17:26

Tgt Ion: 98 Resp: 615430

Ion Ratio Lower Upper

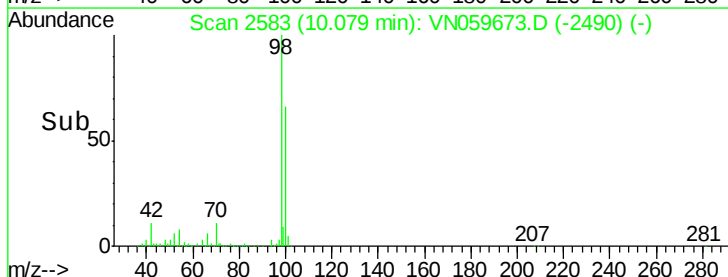
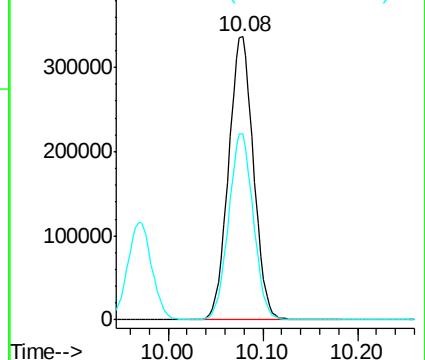
98 100

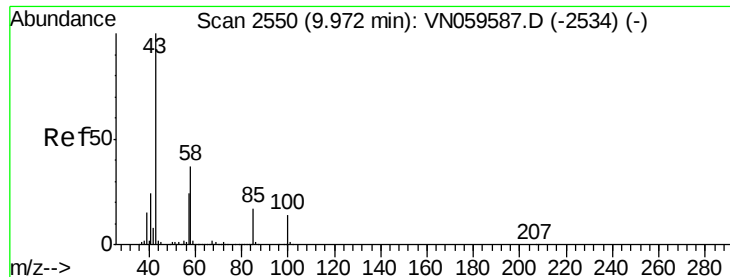
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

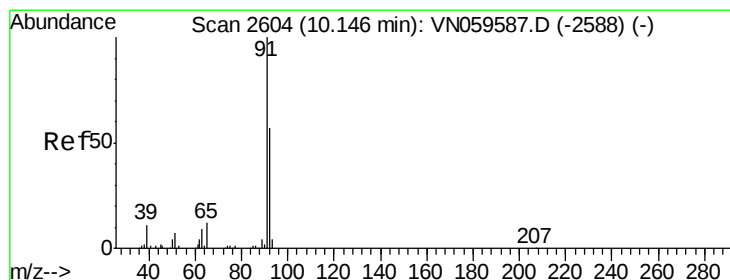
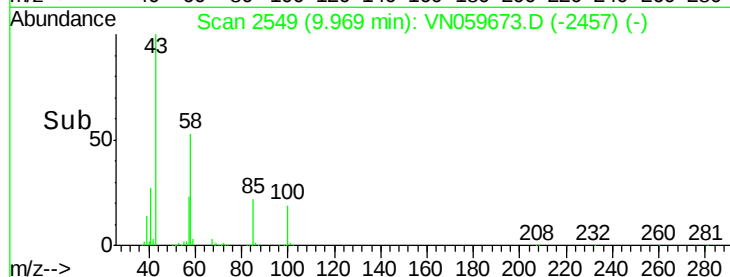
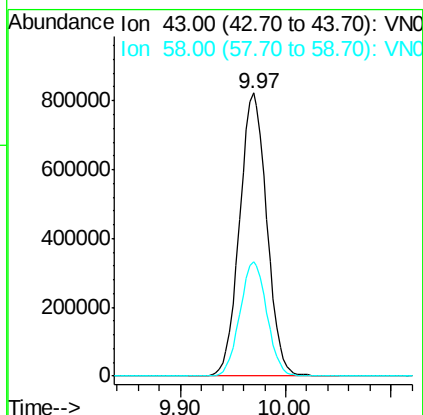
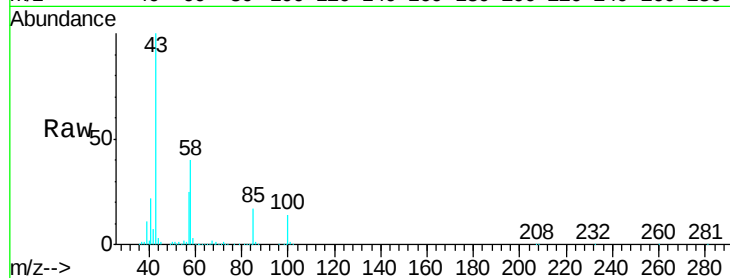




#51
 4-Methyl-2-Pentanone
 Concen: 280.621 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

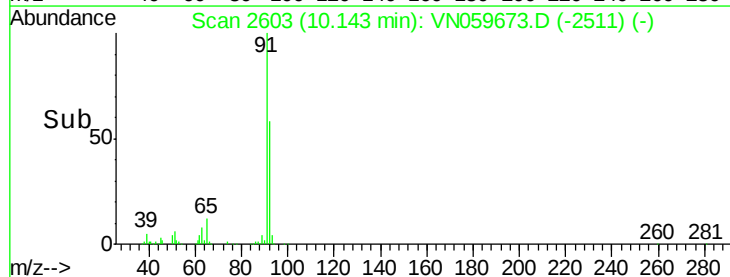
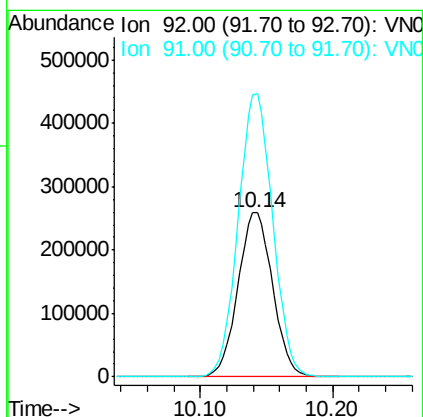
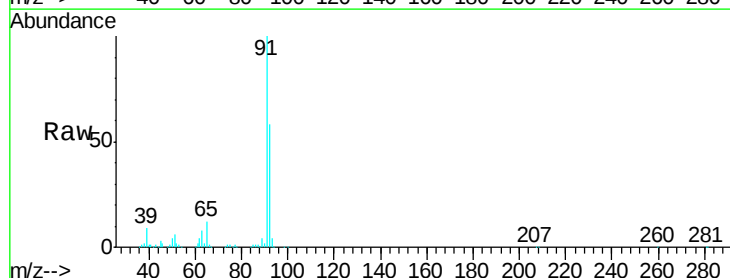
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

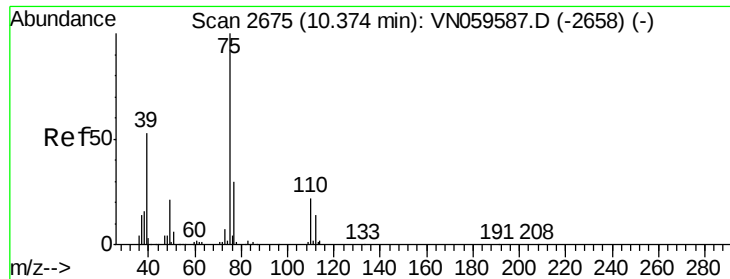
Tgt Ion: 43 Resp: 1472446
 Ion Ratio Lower Upper
 43 100
 58 40.1 29.8 44.8



#52
 Toluene
 Concen: 53.800 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion: 92 Resp: 470487
 Ion Ratio Lower Upper
 92 100
 91 172.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 44.278 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

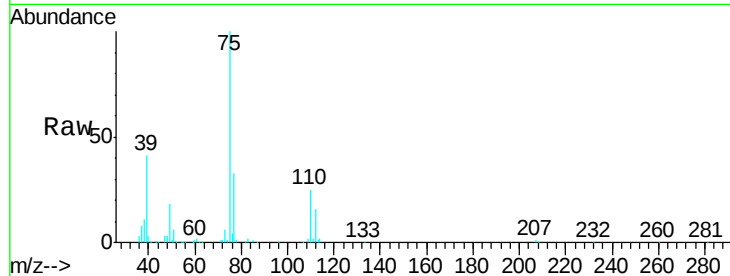
VSTDCCC050EC

Tgt Ion: 75 Resp: 257077

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

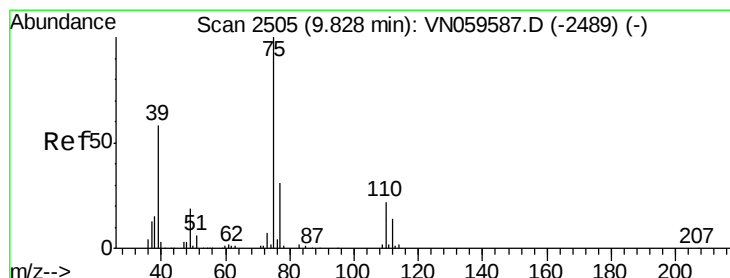
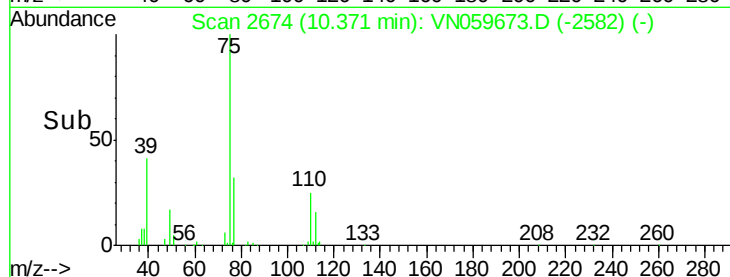
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 57.346 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

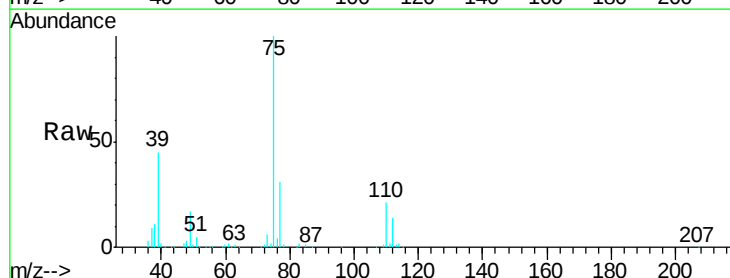
Tgt Ion: 75 Resp: 349982

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 45.0 46.1 69.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.82

250000

200000

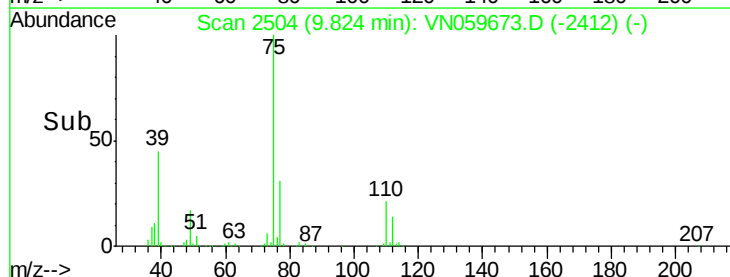
150000

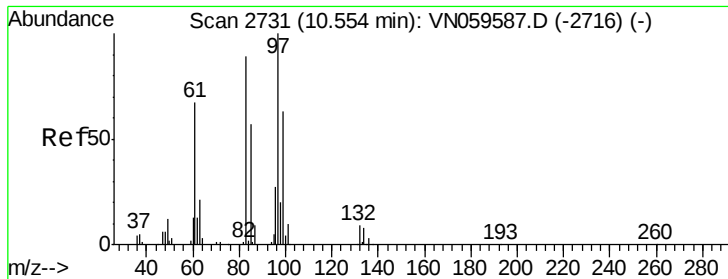
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.018 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 164780

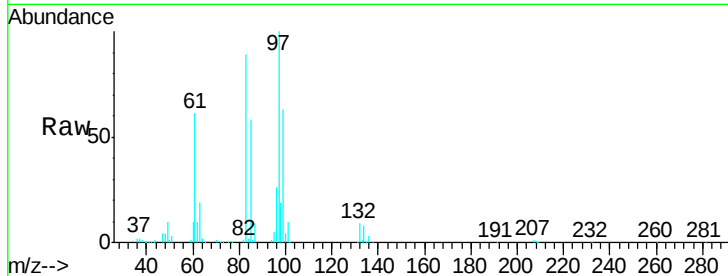
Ion Ratio Lower Upper

97 100

83 88.6 71.3 106.9

85 58.2 45.8 68.8

99 63.2 50.0 75.0

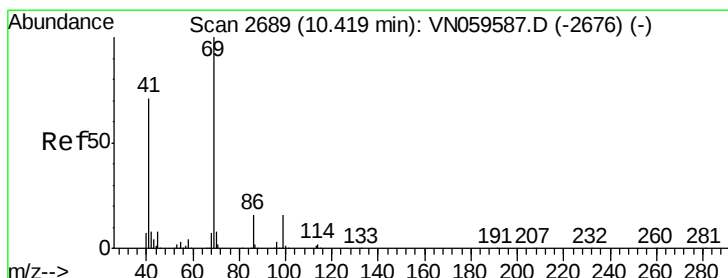
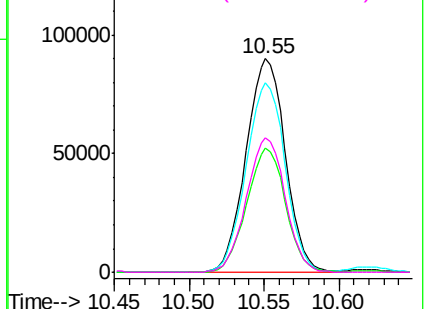
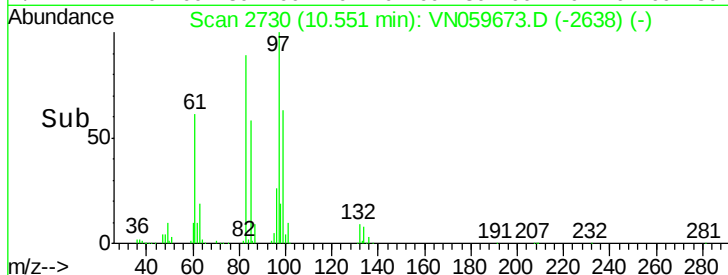


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.457 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

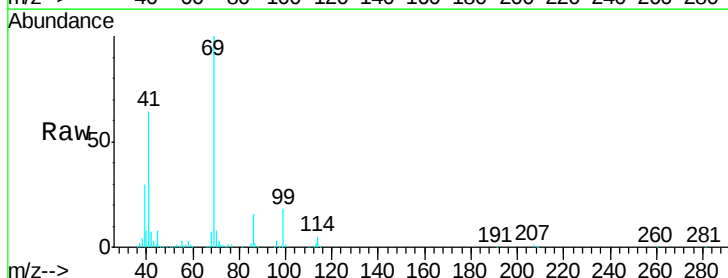
Tgt Ion: 69 Resp: 257044

Ion Ratio Lower Upper

69 100

41 62.8 57.1 85.7

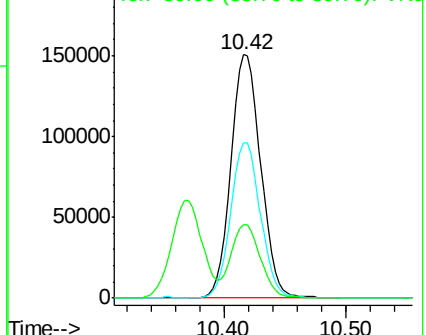
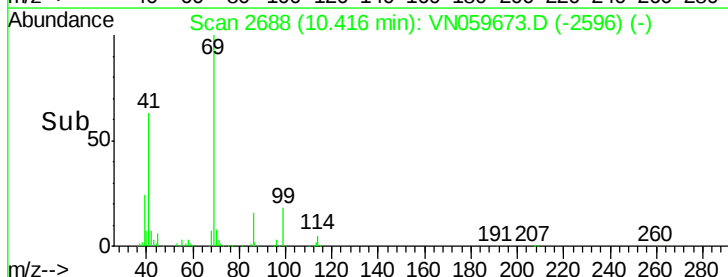
39 30.3 34.7 52.1#

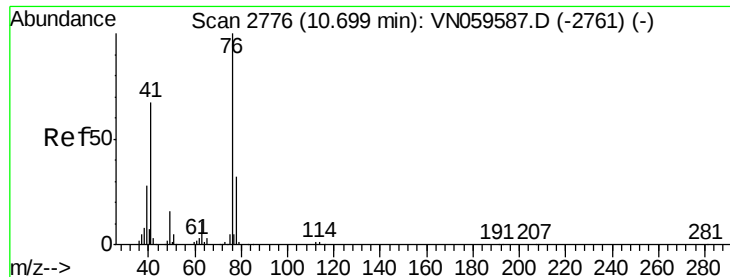


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.234 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

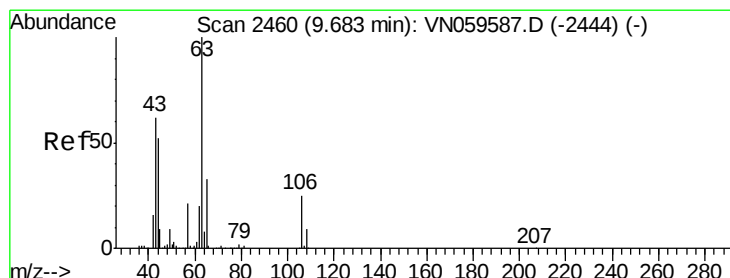
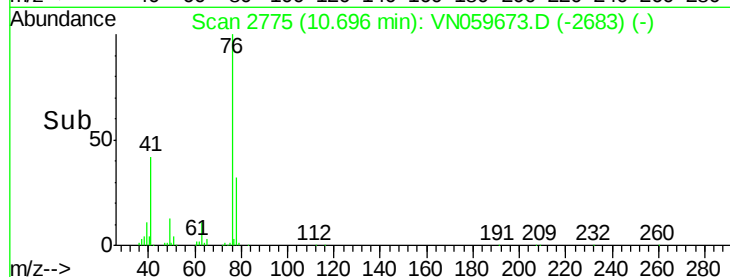
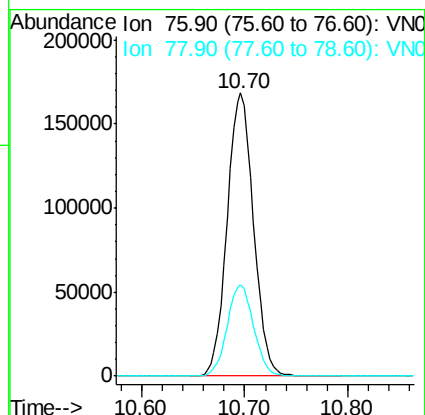
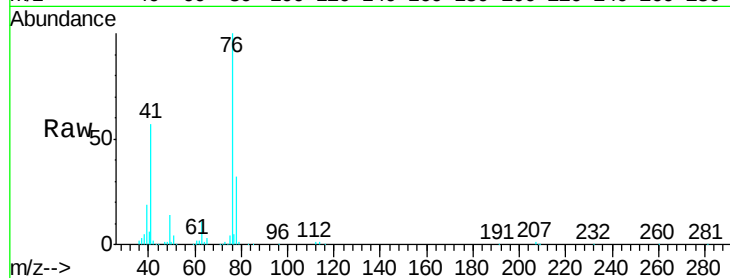
VSTDCCC050EC

Tgt Ion: 76 Resp: 300144

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 375.264 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059673.D

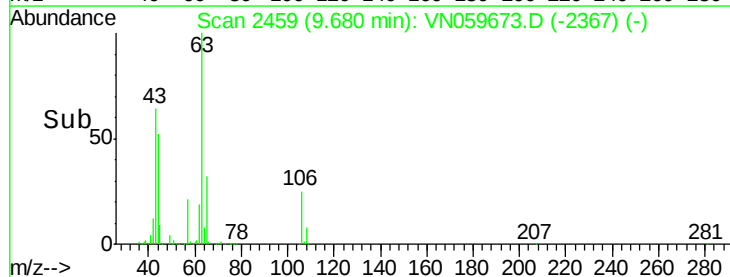
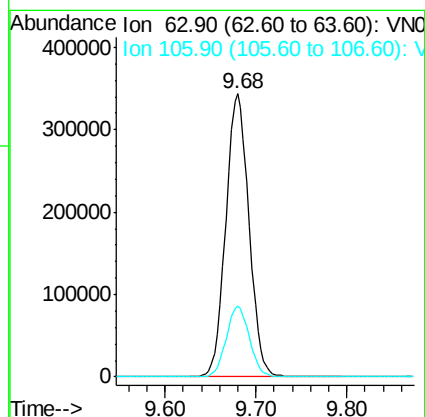
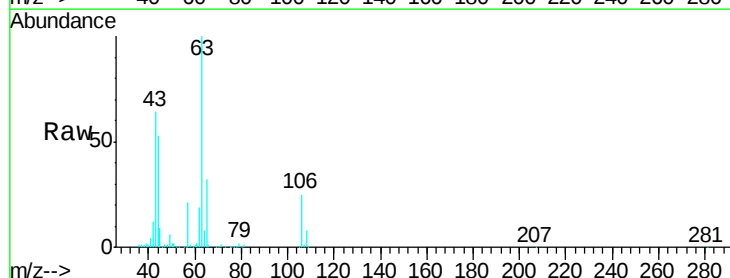
Acq: 19 Dec 2019 17:26

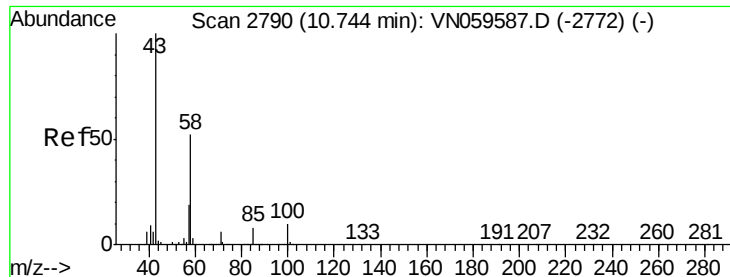
Tgt Ion: 63 Resp: 608004

Ion Ratio Lower Upper

63 100

106 25.0 20.2 30.2

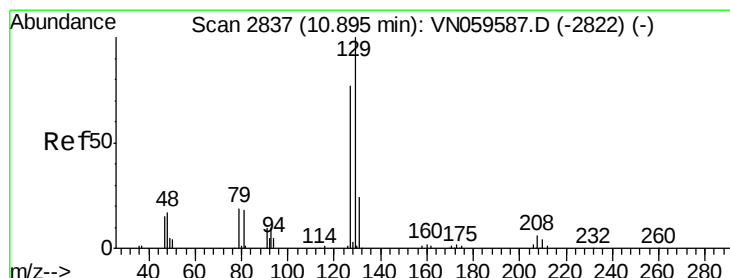
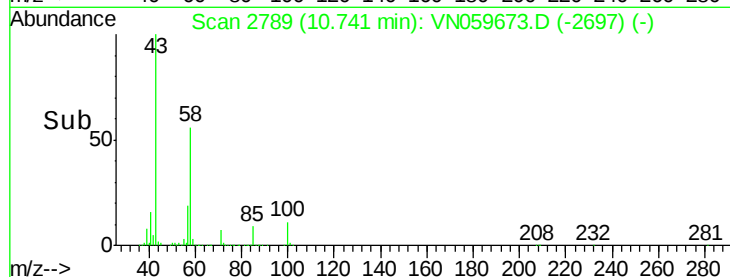
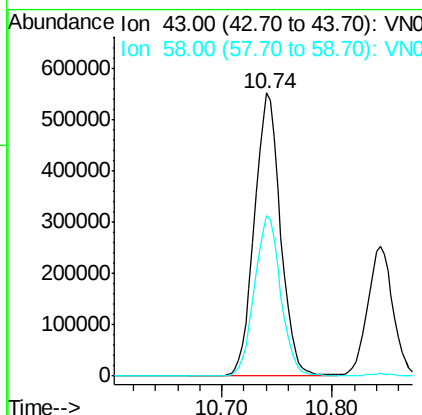
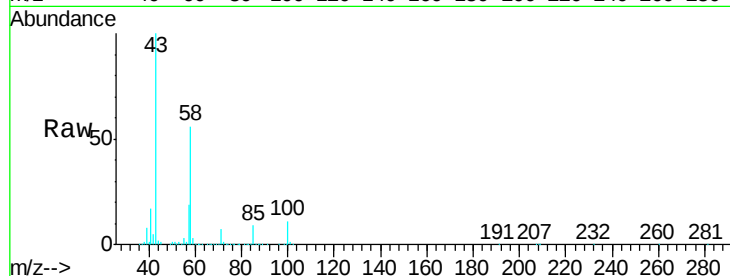




#59
2-Hexanone
Concen: 218.928 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

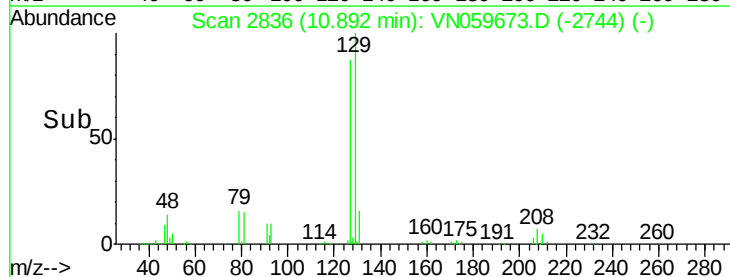
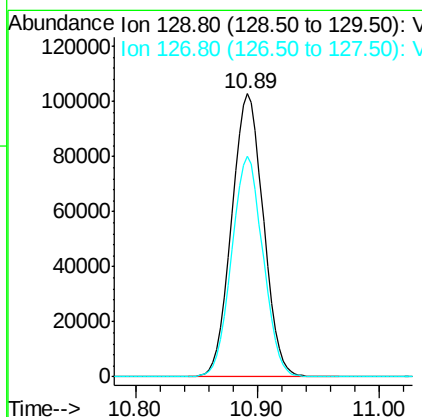
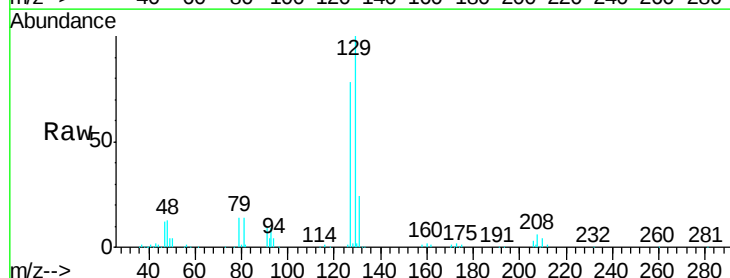
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

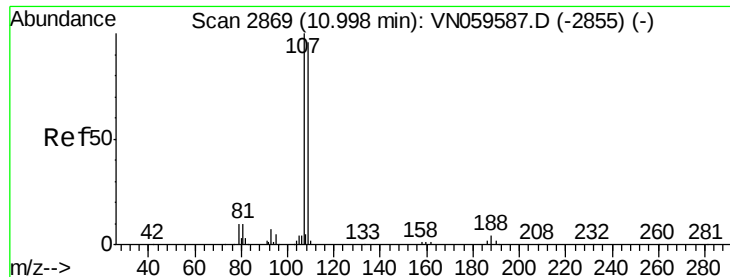
Tgt Ion: 43 Resp: 905359
Ion Ratio Lower Upper
43 100
58 57.0 25.8 77.3



#60
Dibromochloromethane
Concen: 49.575 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 129 Resp: 185673
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

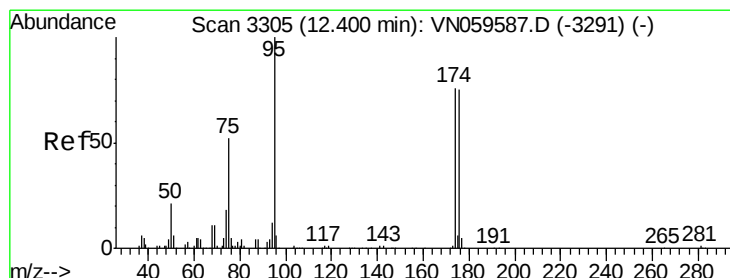
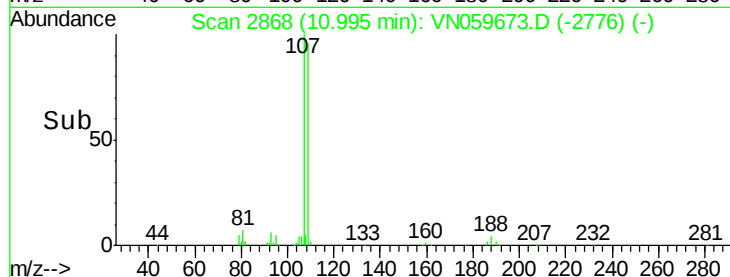
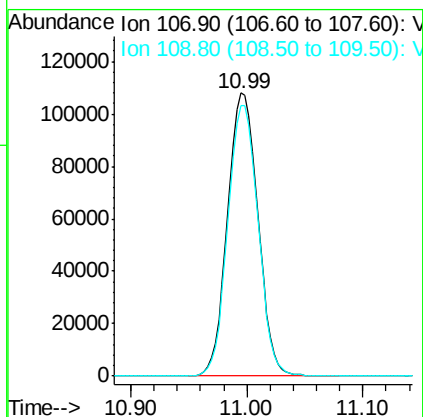
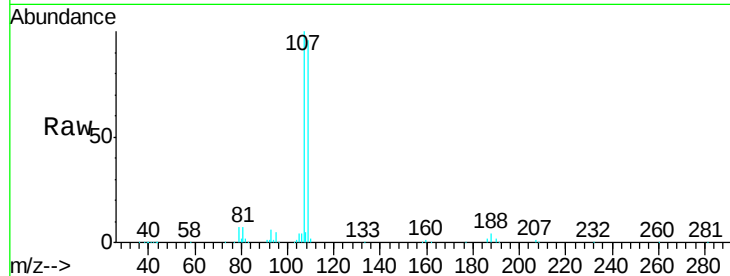




#61
 1,2-Dibromoethane
 Concen: 53.751 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

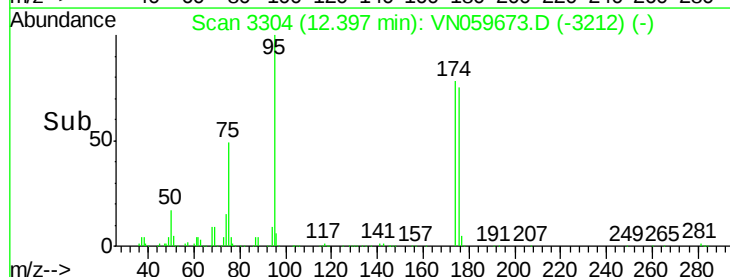
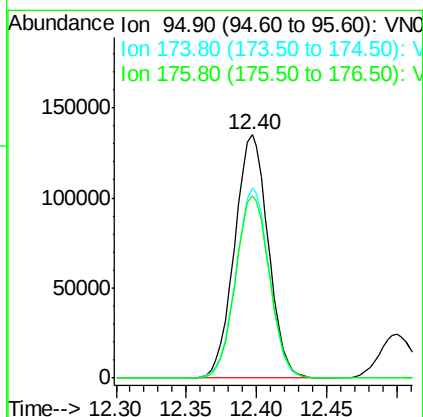
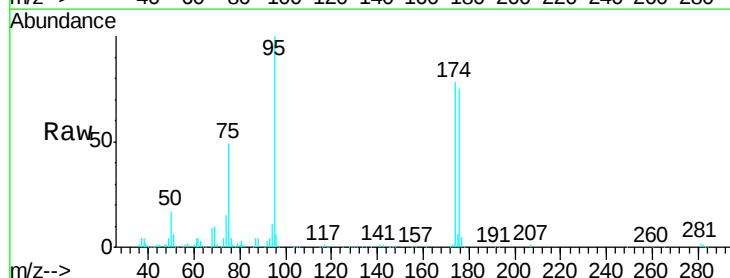
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

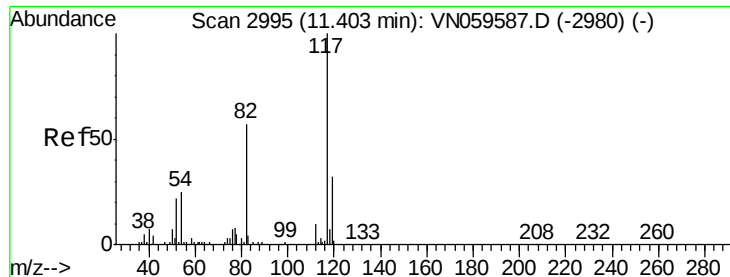
Tgt Ion: 107 Resp: 195621
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 53.570 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion: 95 Resp: 226137
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 151.4
 176 75.5 0.0 146.0

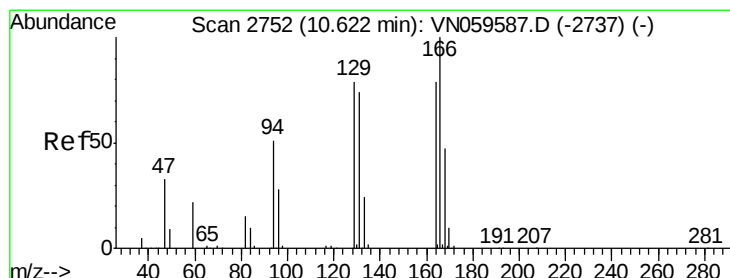
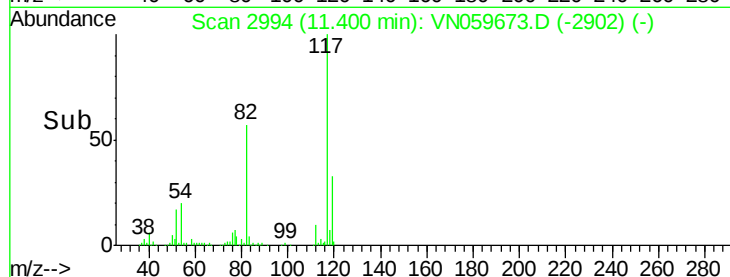
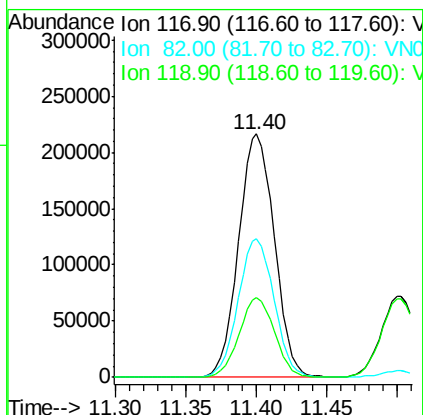
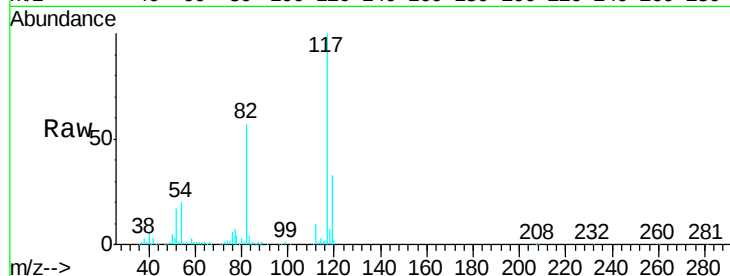




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

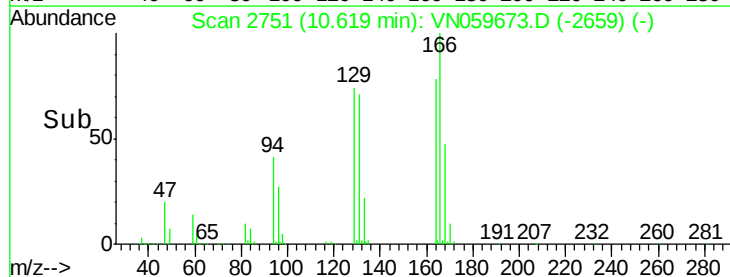
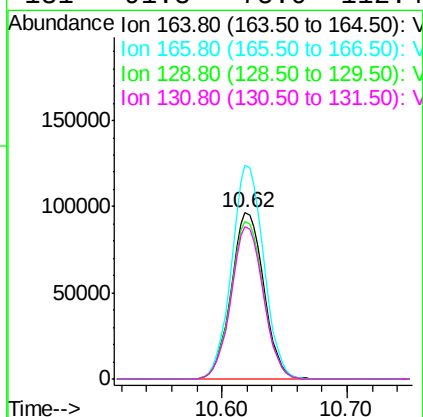
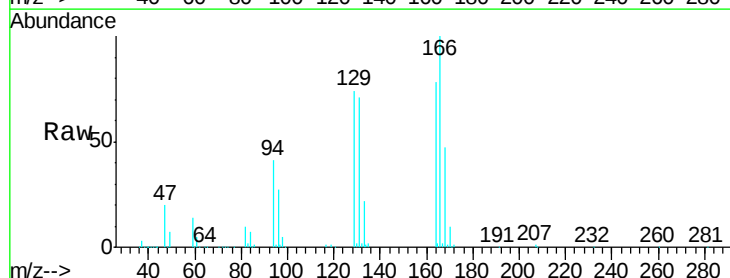
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

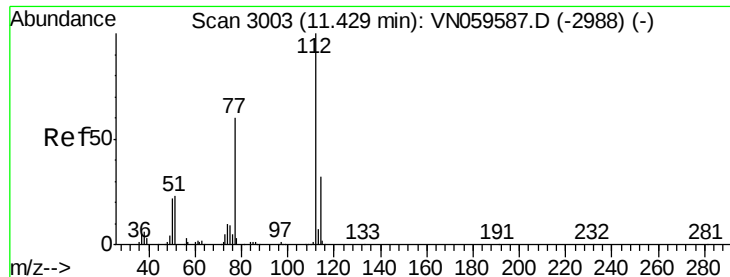
Tgt Ion:117 Resp: 386019
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 48.261 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion:164 Resp: 173666
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 94.8 80.2 120.4
131 91.8 75.0 112.4

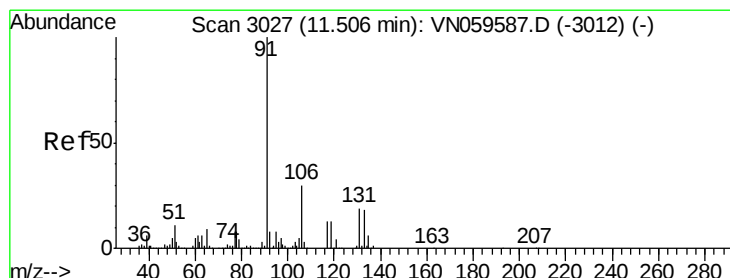
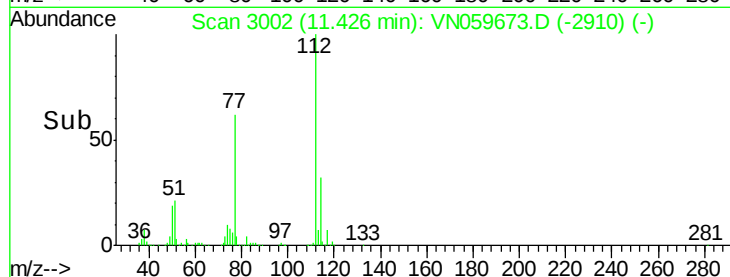
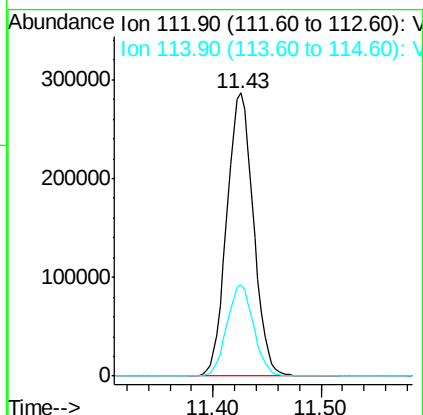
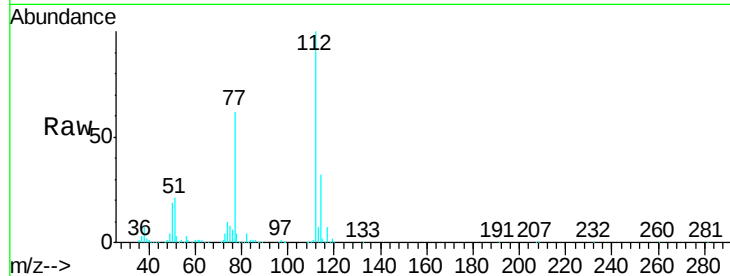




#65
Chlorobenzene
Concen: 59.195 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

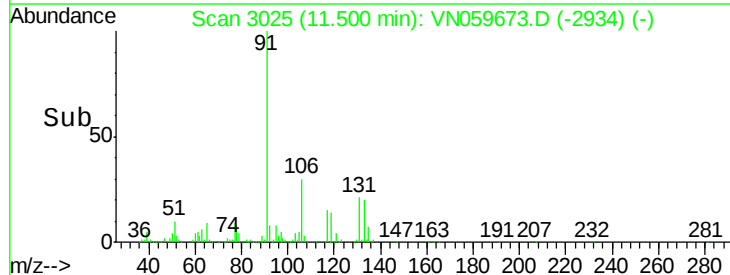
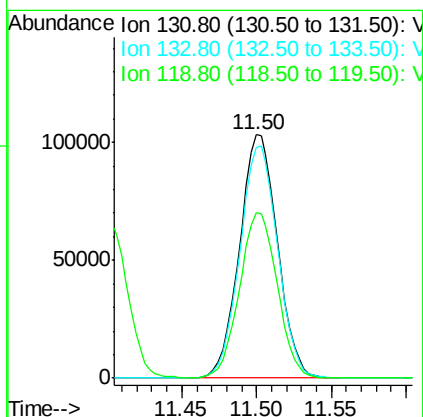
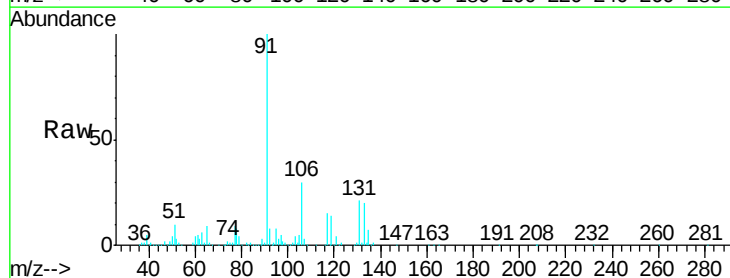
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

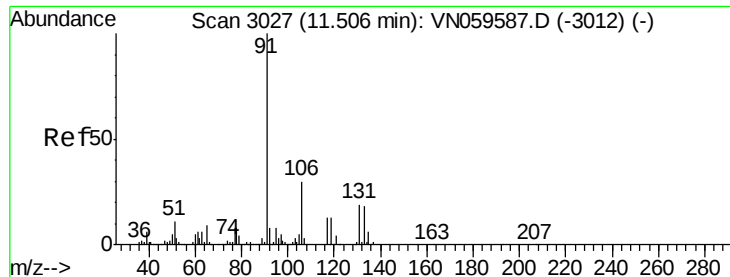
Tgt Ion:112 Resp: 494430
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.346 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.01 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion:131 Resp: 181933
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 67.7 33.1 99.3





#67

Ethyl Benzene

Concen: 58.644 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

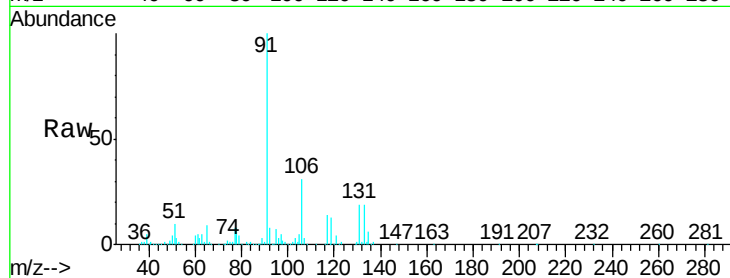
VSTDCCC050EC

Tgt Ion: 91 Resp: 884158

Ion Ratio Lower Upper

91 100

106 30.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059587.D (-3012) (-)

11.50

600000

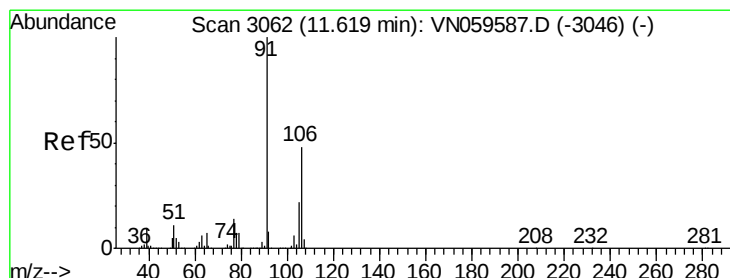
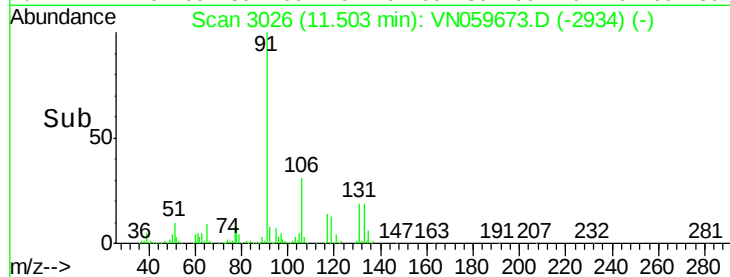
400000

200000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 106.580 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059673.D

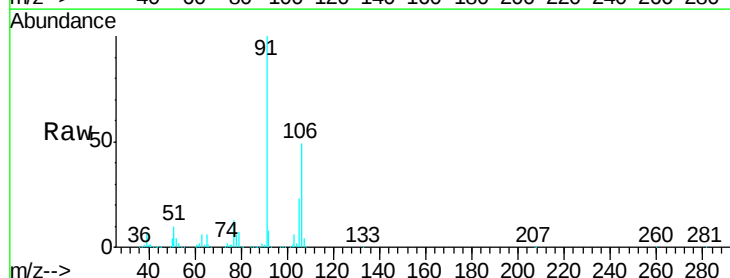
Acq: 19 Dec 2019 17:26

Tgt Ion: 106 Resp: 593364

Ion Ratio Lower Upper

106 100

91 204.7 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-3046) (-)

11.62

600000

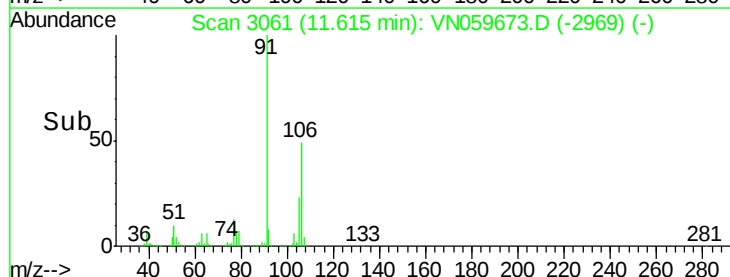
400000

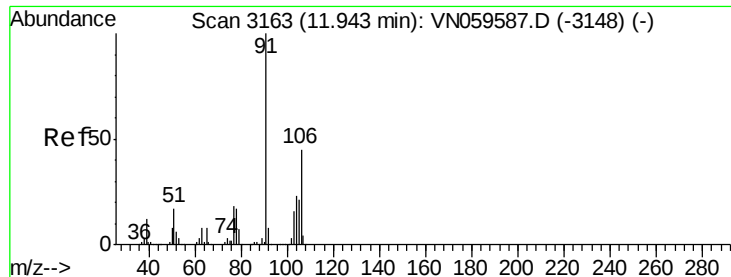
200000

0

11.50 11.60 11.70

Time-->





#69

o-Xylene

Concen: 52.669 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

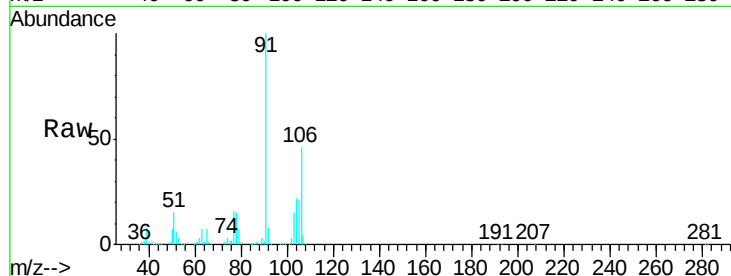
VSTDCCC050EC

Tgt Ion:106 Resp: 279004

Ion Ratio Lower Upper

106 100

91 217.8 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

400000

300000

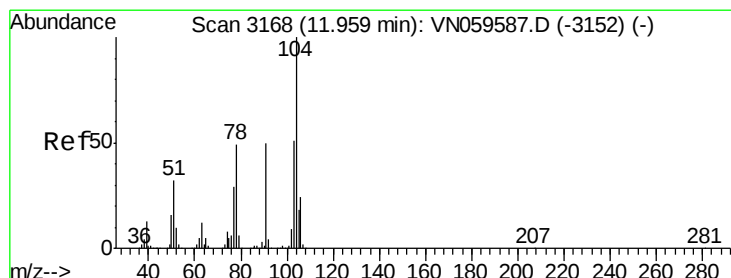
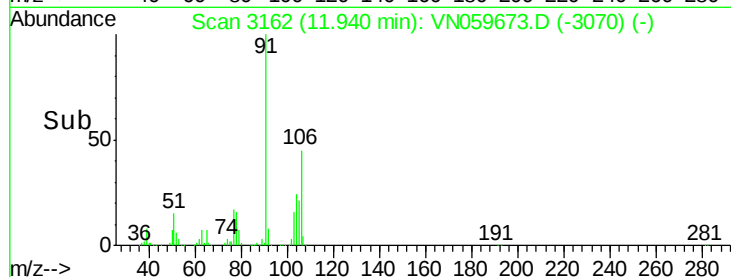
200000

100000

0

11.94

Time-->



#70

Styrene

Concen: 54.648 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

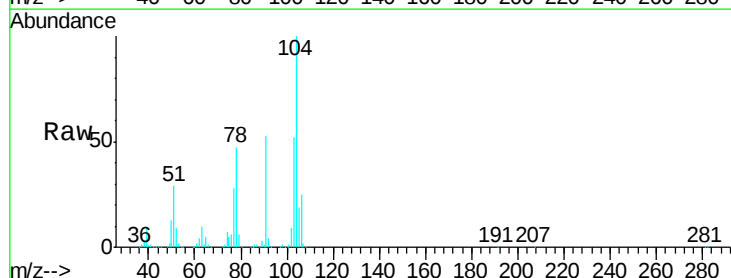
Tgt Ion:104 Resp: 465121

Ion Ratio Lower Upper

104 100

78 50.9 42.4 63.6

103 55.2 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

300000

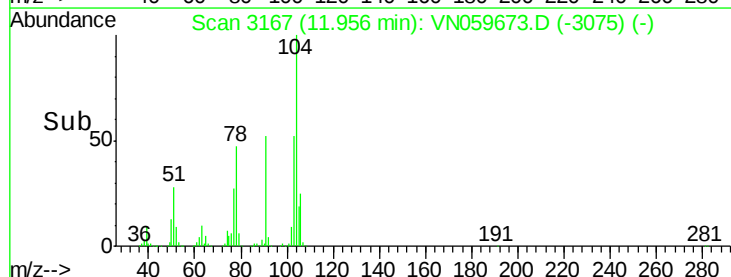
200000

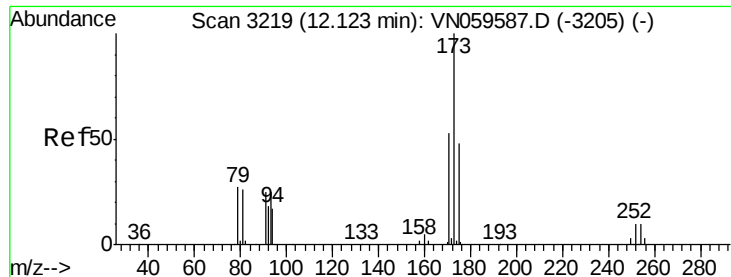
100000

0

11.96

Time-->





#71

Bromoform

Concen: 63.309 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

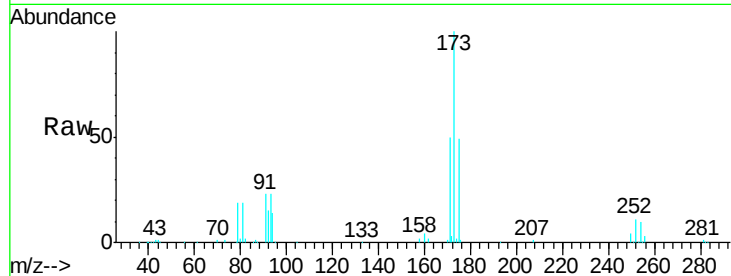
Tgt Ion:173 Resp: 150979

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.4

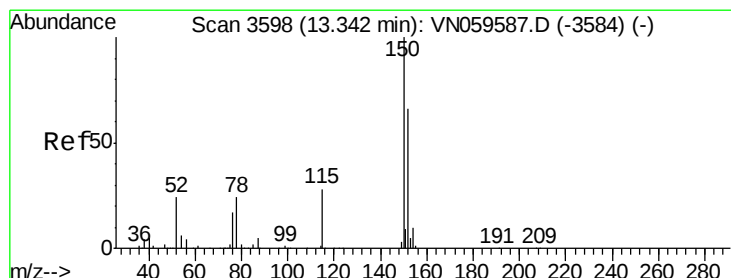
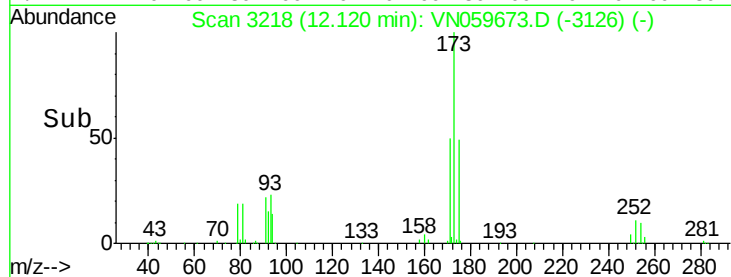
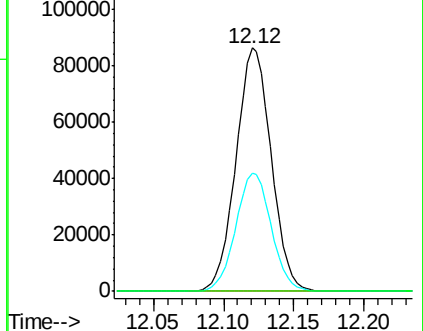
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

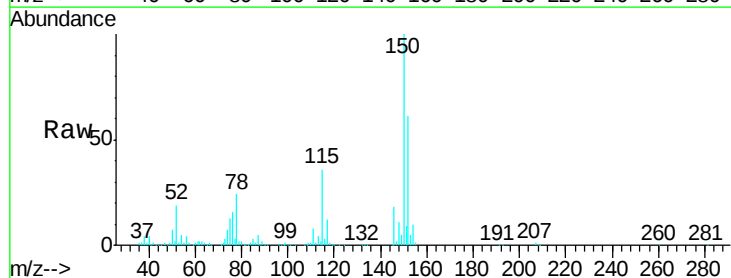
Tgt Ion:152 Resp: 195993

Ion Ratio Lower Upper

152 100

115 57.9 30.3 90.9

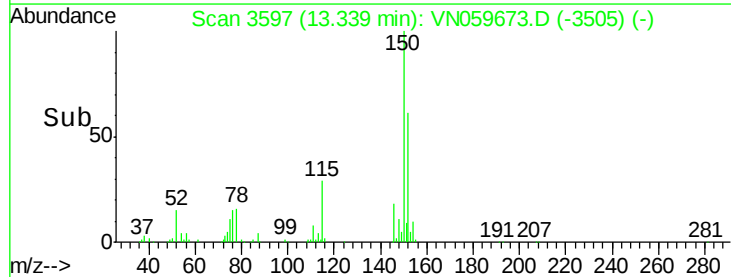
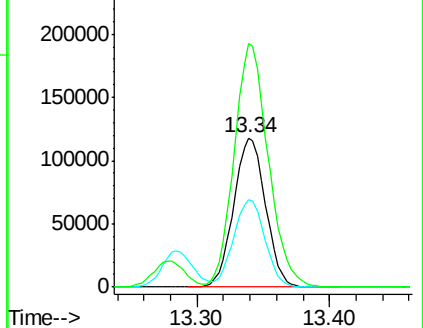
150 175.8 0.0 345.2

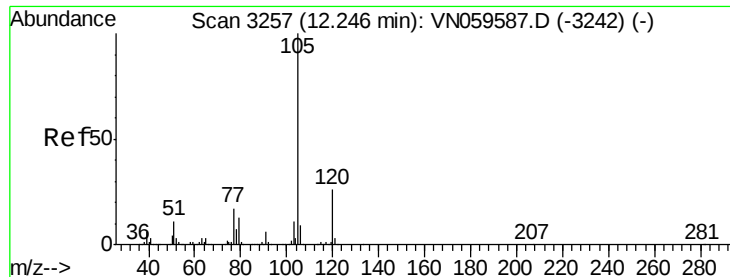


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.056 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

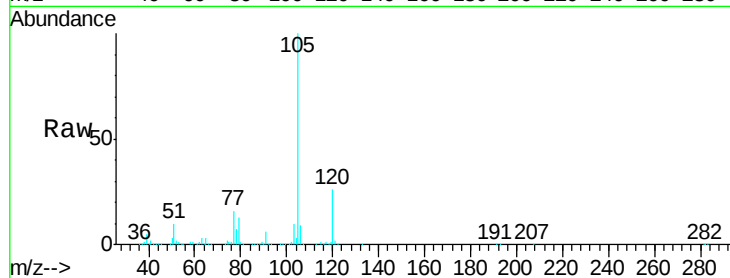
VSTDCCC050EC

Tgt Ion: 105 Resp: 862455

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

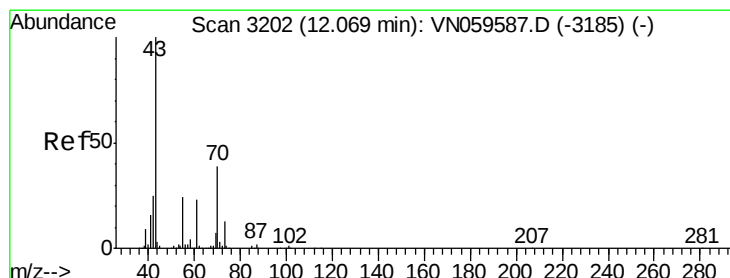
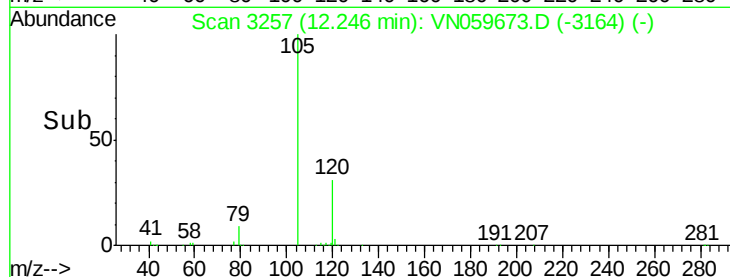
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 56.577 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Tgt Ion: 43 Resp: 399290

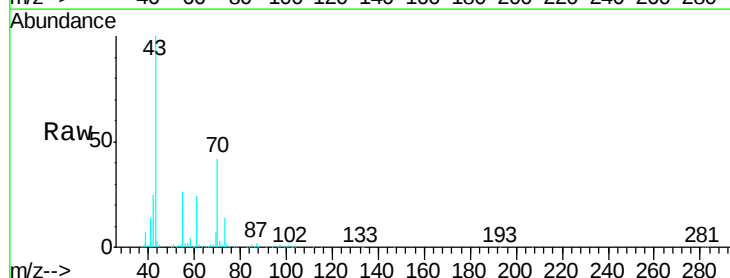
Ion Ratio Lower Upper

43 100

70 42.6 31.3 46.9

55 26.0 19.8 29.6

61 24.5 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN

400000

300000

200000

100000

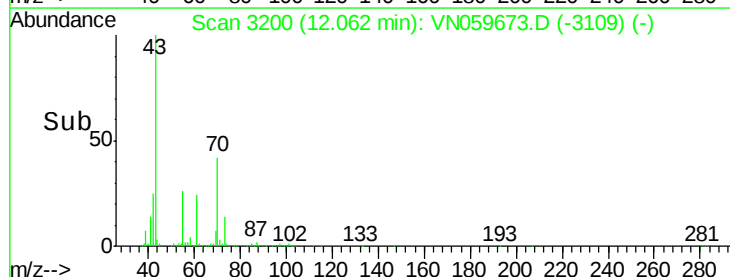
0

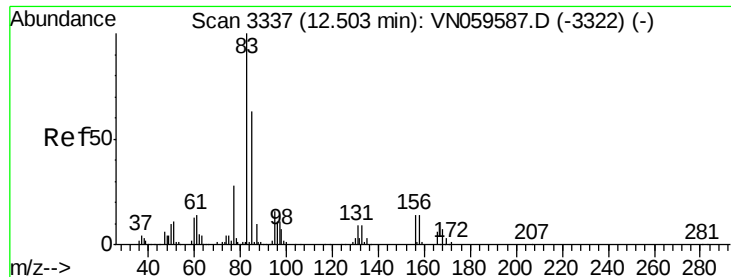
12.00

12.06

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.833 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

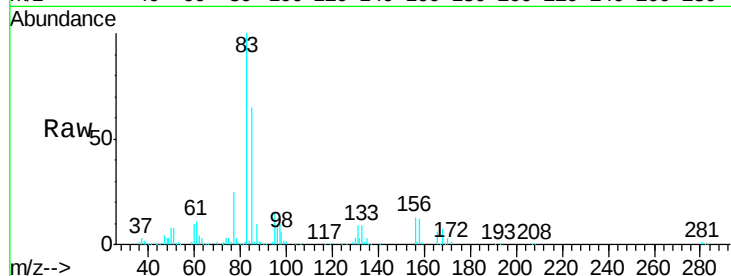
Tgt Ion: 83 Resp: 272493

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

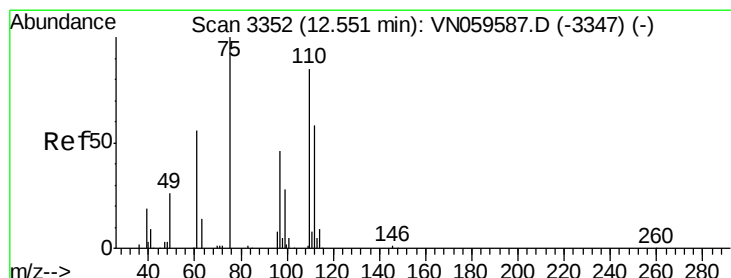
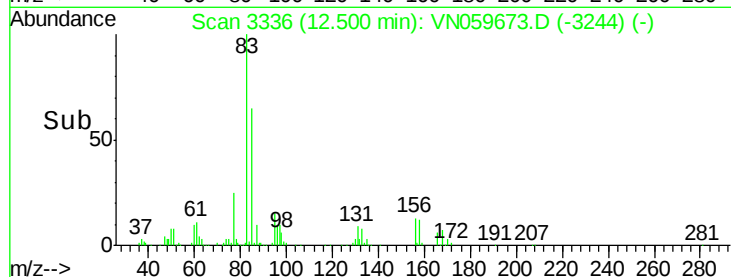
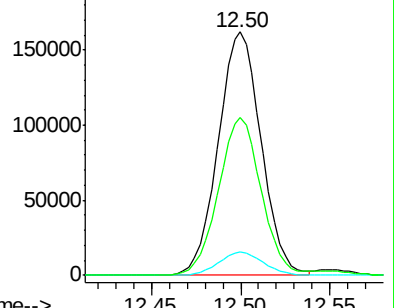
85 64.5 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059587.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059587.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 81.909 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN059673.D

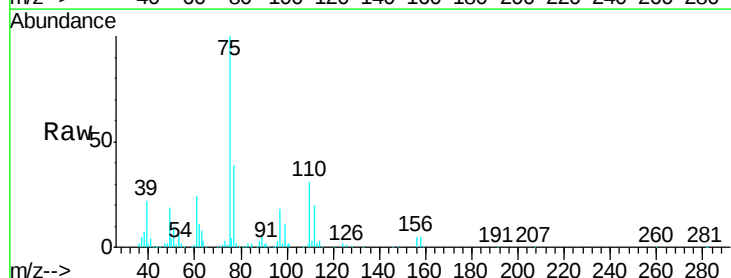
Acq: 19 Dec 2019 17:26

Tgt Ion: 75 Resp: 397415

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059587.D (-3347) (-)

Ion 75.00 (74.70 to 75.30): VN059587.D (-3347) (-)

Ion 76.00 (75.70 to 76.30): VN059587.D (-3347) (-)

Ion 78.00 (77.70 to 78.30): VN059587.D (-3347) (-)

Ion 79.00 (78.70 to 79.30): VN059587.D (-3347) (-)

Ion 80.00 (79.70 to 80.30): VN059587.D (-3347) (-)

Ion 81.00 (80.70 to 81.30): VN059587.D (-3347) (-)

Ion 82.00 (81.70 to 82.30): VN059587.D (-3347) (-)

Ion 83.00 (82.70 to 83.30): VN059587.D (-3347) (-)

Ion 84.00 (83.70 to 84.30): VN059587.D (-3347) (-)

Ion 85.00 (84.70 to 85.30): VN059587.D (-3347) (-)

Ion 86.00 (85.70 to 86.30): VN059587.D (-3347) (-)

Ion 87.00 (86.70 to 87.30): VN059587.D (-3347) (-)

Ion 88.00 (87.70 to 88.30): VN059587.D (-3347) (-)

Ion 89.00 (88.70 to 89.30): VN059587.D (-3347) (-)

Ion 90.00 (89.70 to 90.30): VN059587.D (-3347) (-)

Ion 91.00 (90.70 to 91.30): VN059587.D (-3347) (-)

Ion 92.00 (91.70 to 92.30): VN059587.D (-3347) (-)

Ion 93.00 (92.70 to 93.30): VN059587.D (-3347) (-)

Ion 94.00 (93.70 to 94.30): VN059587.D (-3347) (-)

Ion 95.00 (94.70 to 95.30): VN059587.D (-3347) (-)

Ion 96.00 (95.70 to 96.30): VN059587.D (-3347) (-)

Ion 97.00 (96.70 to 97.30): VN059587.D (-3347) (-)

Ion 98.00 (97.70 to 98.30): VN059587.D (-3347) (-)

Ion 99.00 (98.70 to 99.30): VN059587.D (-3347) (-)

Ion 100.00 (99.70 to 100.30): VN059587.D (-3347) (-)

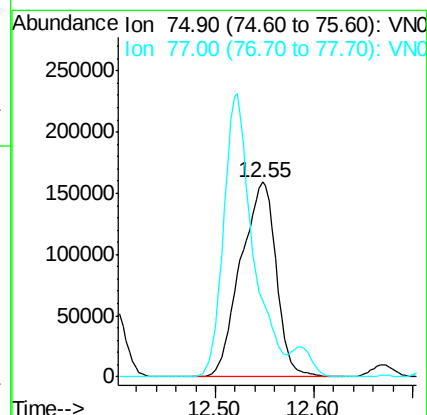
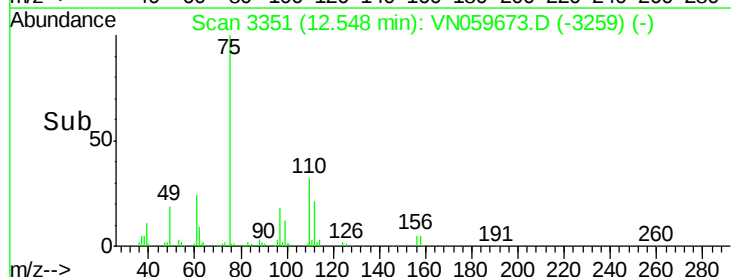
Ion 101.00 (100.70 to 101.30): VN059587.D (-3347) (-)

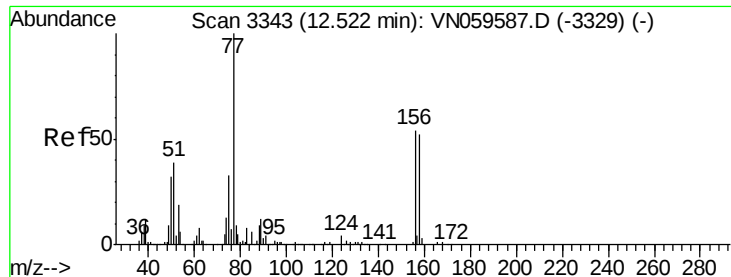
Ion 102.00 (101.70 to 102.30): VN059587.D (-3347) (-)

Ion 103.00 (102.70 to 103.30): VN059587.D (-3347) (-)

Ion 104.00 (103.70 to 104.30): VN059587.D (-3347) (-)

Ion 105.00 (104.70 to 105.30): VN059587.D (-3347) (-)





#77

Bromobenzene

Concen: 55.954 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

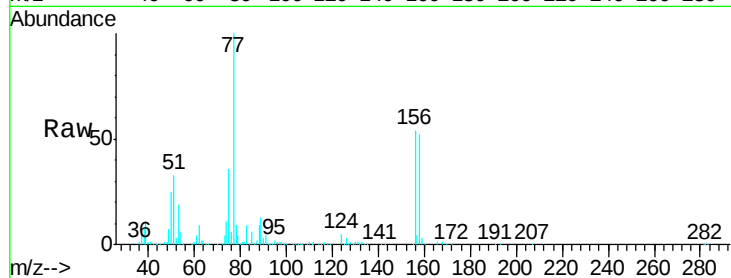
Tgt Ion:156 Resp: 211710

Ion Ratio Lower Upper

156 100

77 226.9 115.8 347.4

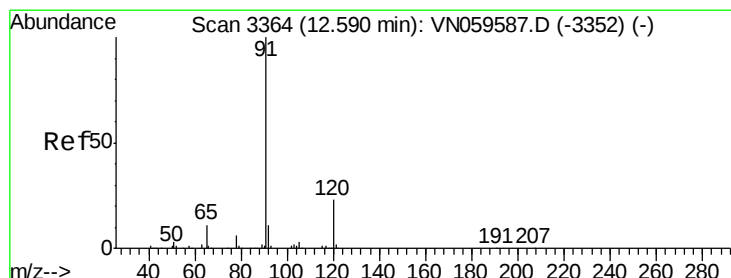
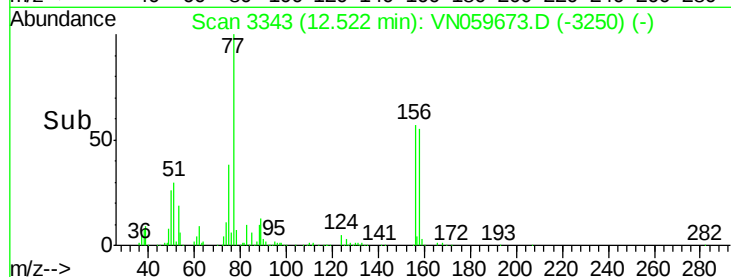
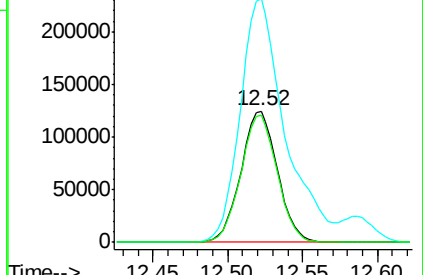
158 96.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.301 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059673.D

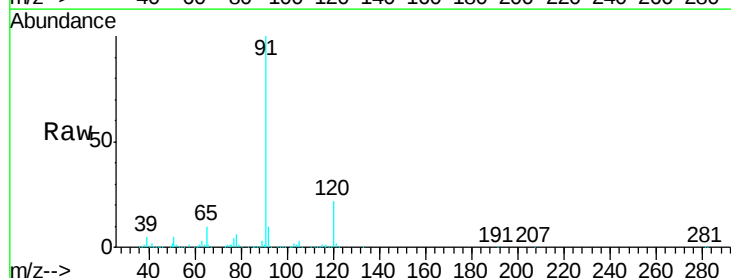
Acq: 19 Dec 2019 17:26

Tgt Ion: 91 Resp: 1023954

Ion Ratio Lower Upper

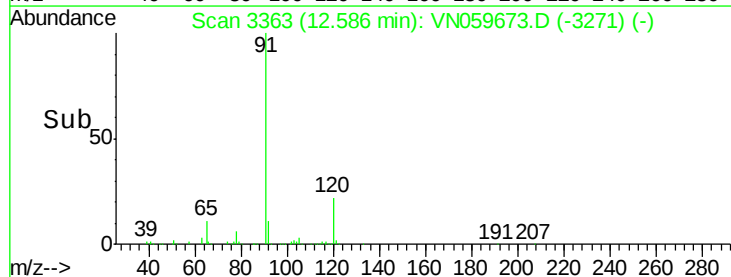
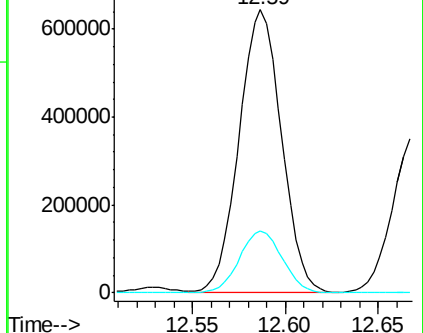
91 100

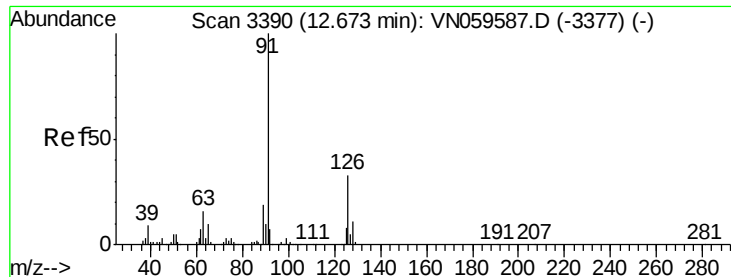
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.042 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

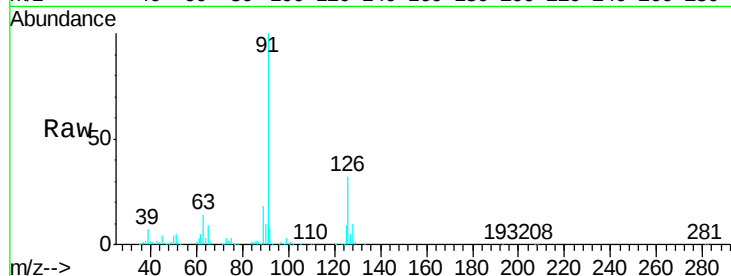
VSTDCCC050EC

Tgt Ion: 91 Resp: 605319

Ion Ratio Lower Upper

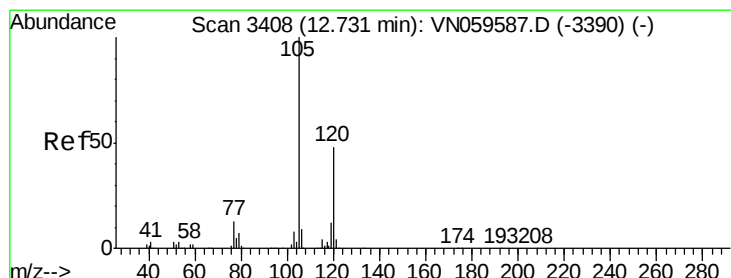
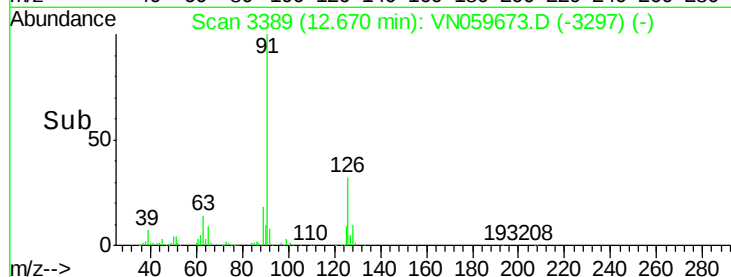
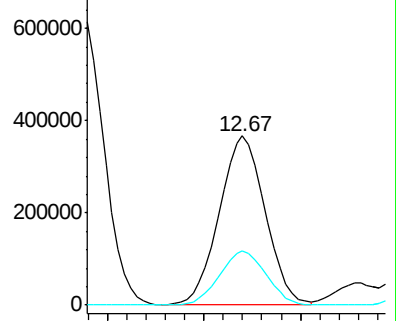
91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059587.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.853 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN059673.D

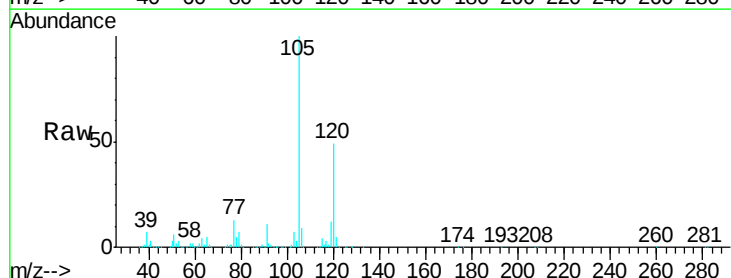
Acq: 19 Dec 2019 17:26

Tgt Ion: 105 Resp: 727204

Ion Ratio Lower Upper

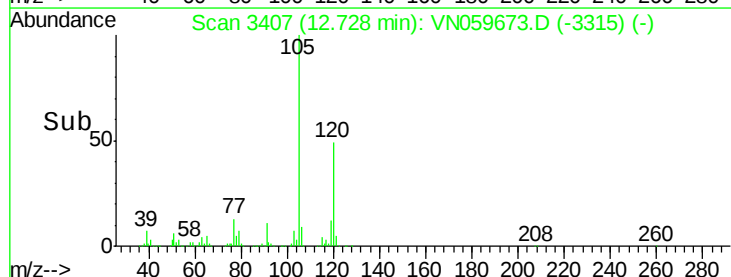
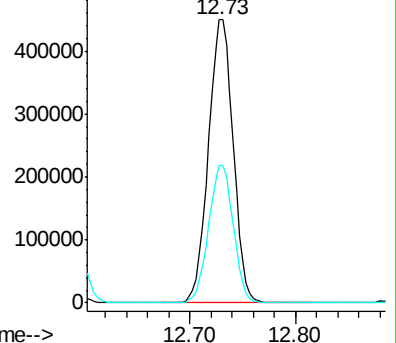
105 100

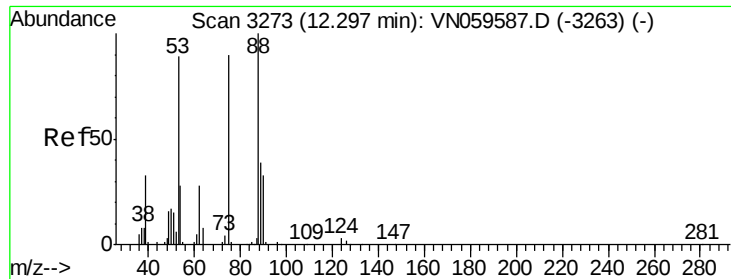
120 48.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059587.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.296 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

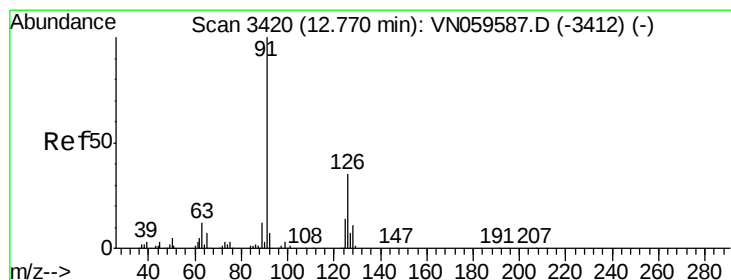
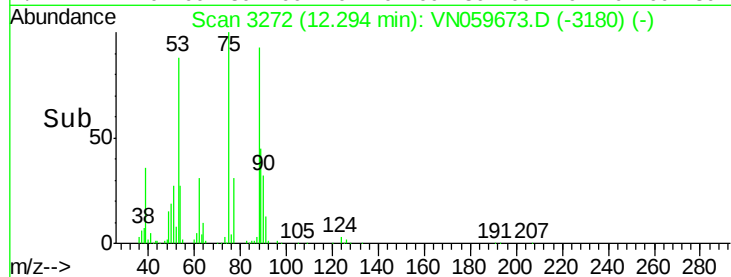
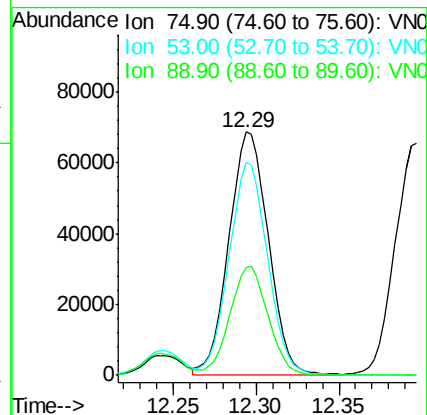
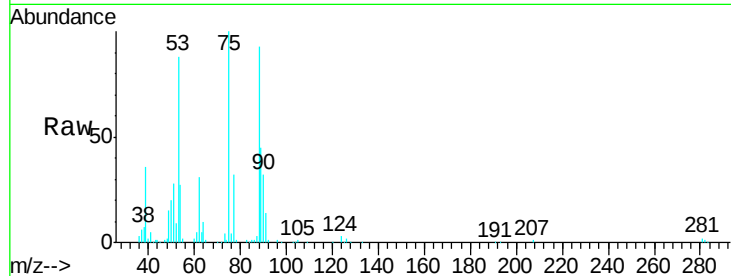
Tgt Ion: 75 Resp: 112554

Ion Ratio Lower Upper

75 100

53 86.9 78.1 117.1

89 44.0 35.4 53.2



#82

4-Chlorotoluene

Concen: 54.524 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059673.D

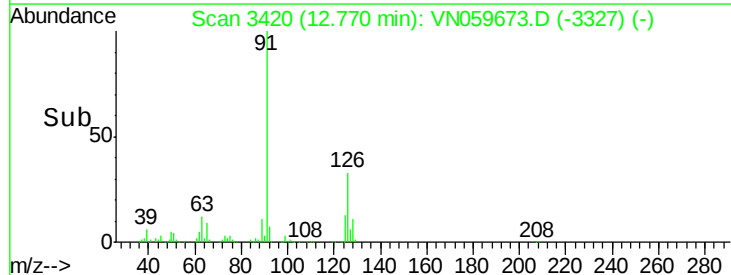
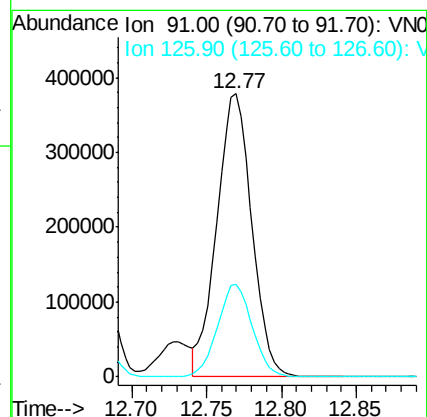
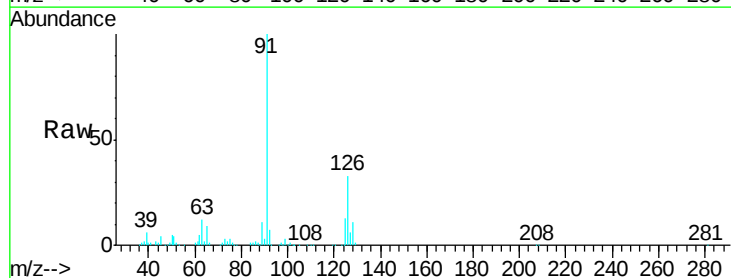
Acq: 19 Dec 2019 17:26

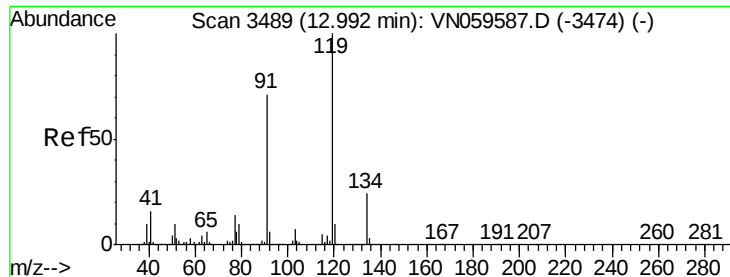
Tgt Ion: 91 Resp: 613944

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8

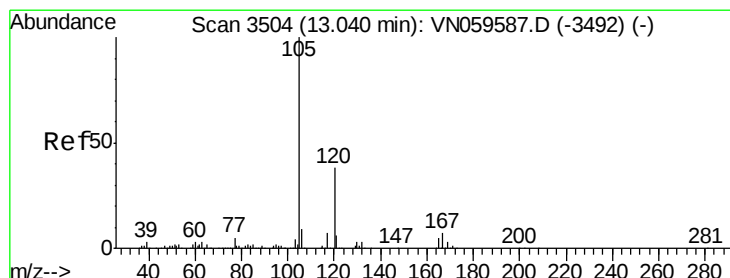
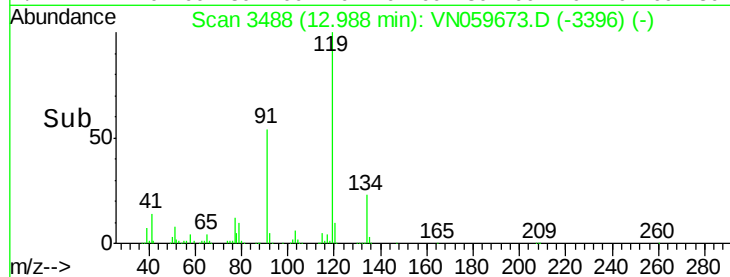
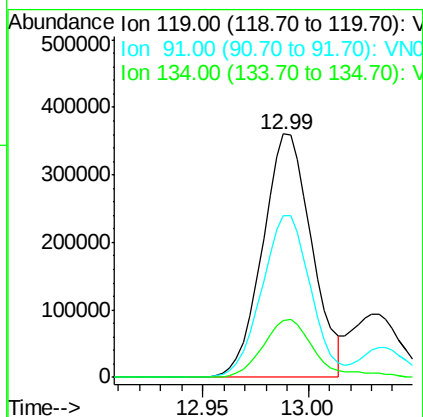
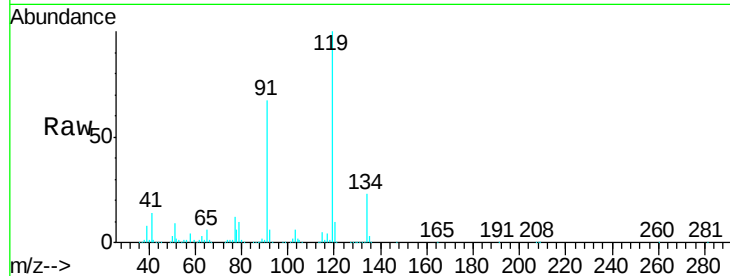




#83
 tert-Butylbenzene
 Concen: 53.038 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

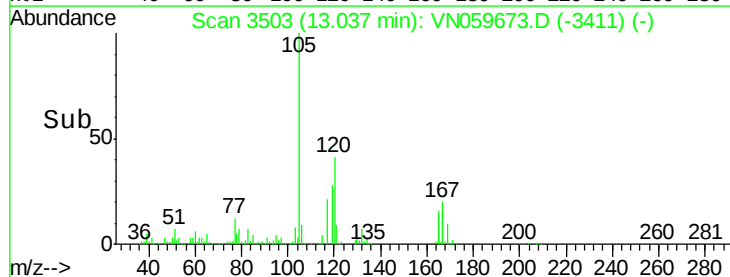
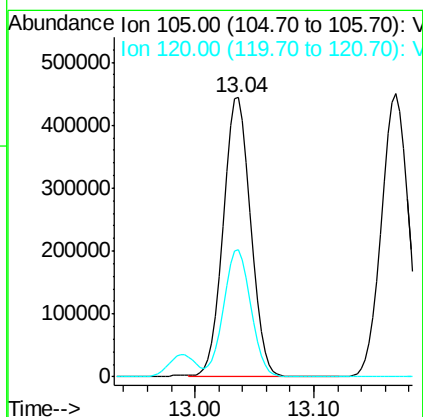
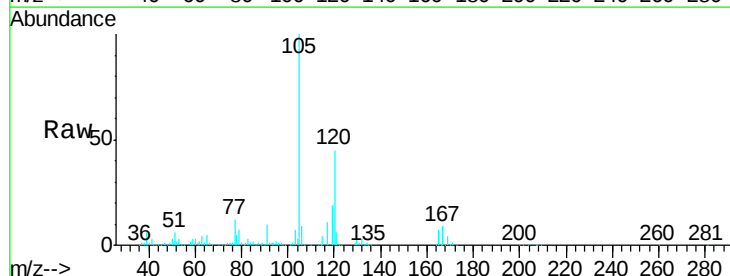
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

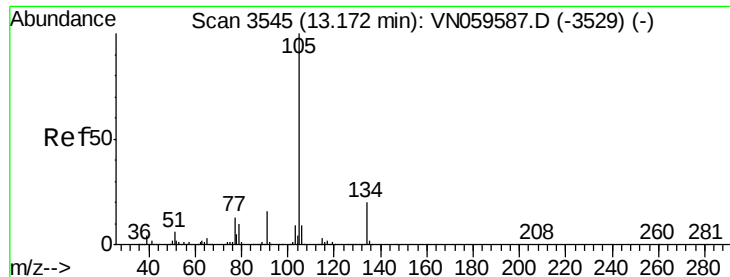
Tgt Ion:119 Resp: 584810
 Ion Ratio Lower Upper
 119 100
 91 66.0 34.8 104.4
 134 25.2 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.661 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion:105 Resp: 707661
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.9

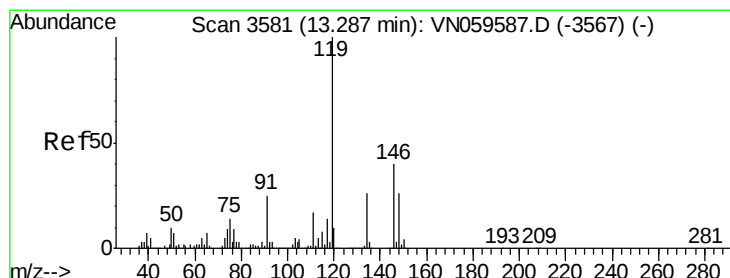
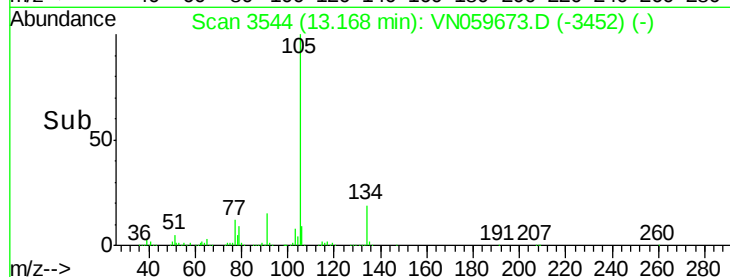
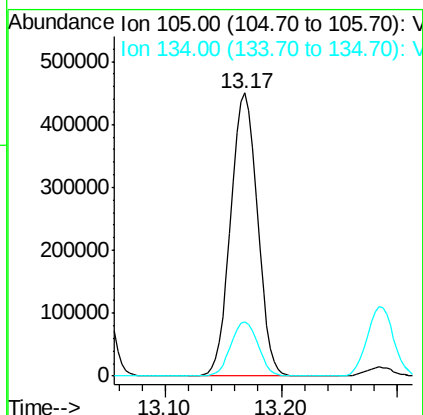
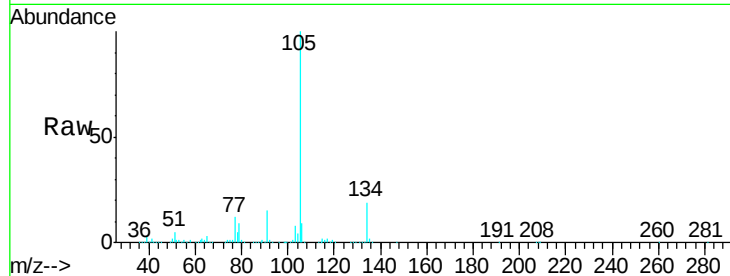




#85
 sec-Butylbenzene
 Concen: 48.989 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

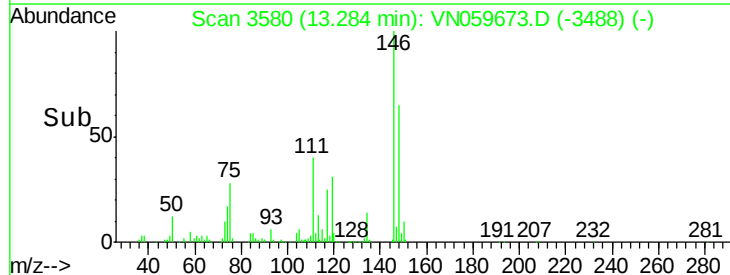
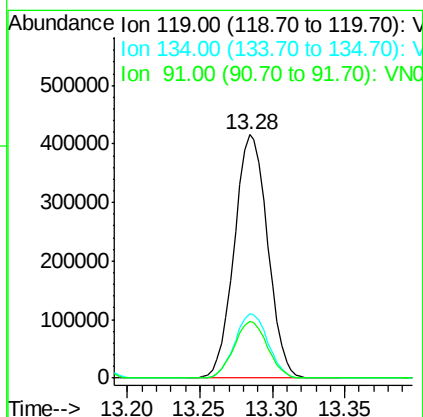
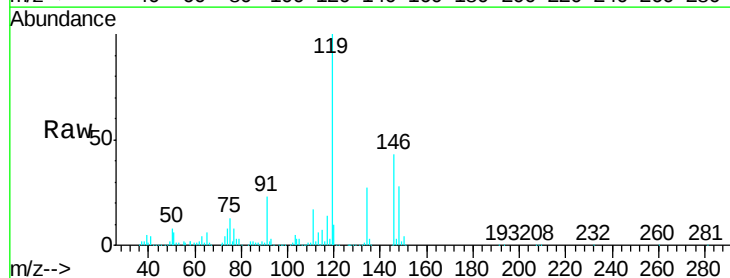
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

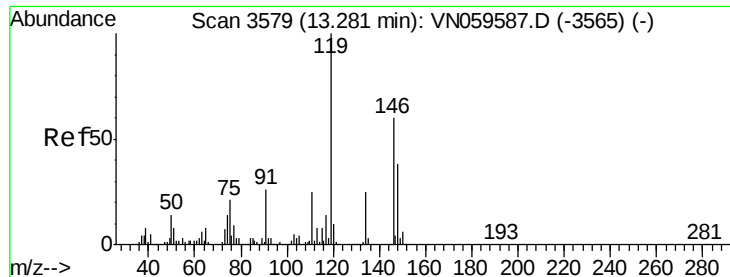
Tgt Ion:105 Resp: 718531
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 49.765 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion:119 Resp: 661083
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.035 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

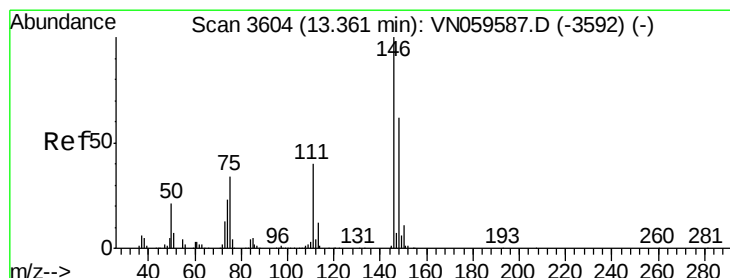
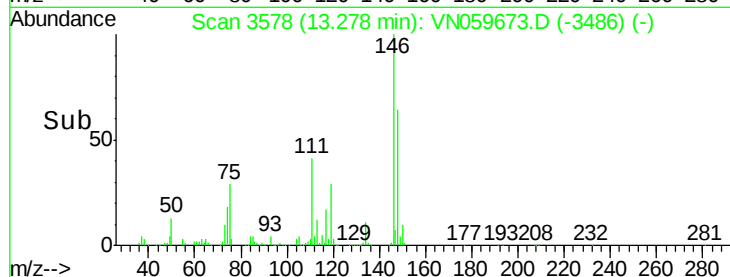
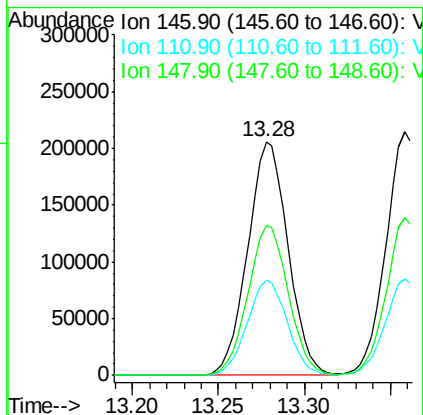
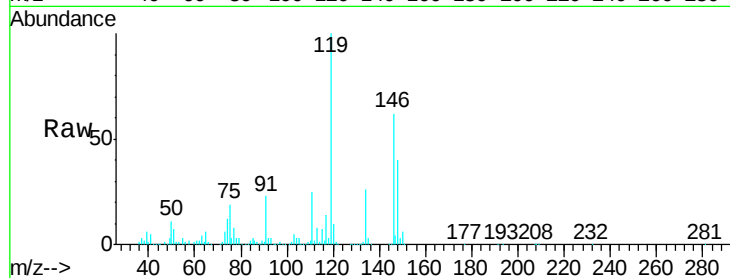
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	334204
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.8	62.2
148	64.2	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 48.828 ug/l

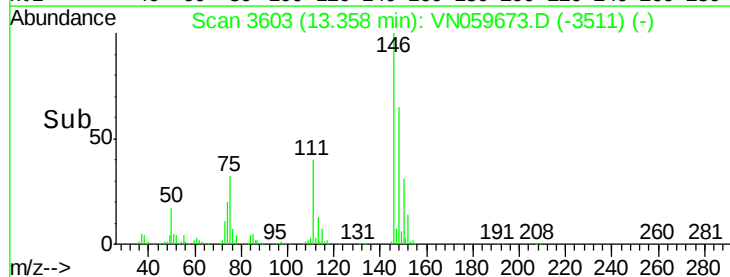
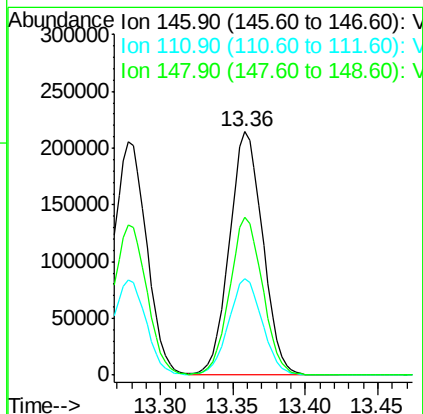
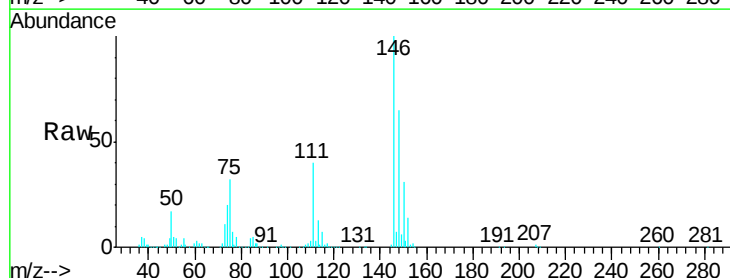
RT: 13.36 min Scan# 3603

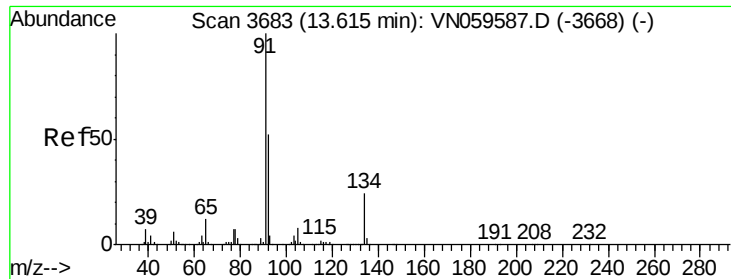
Delta R.T. -0.00 min

Lab File: VN059673.D

Acq: 19 Dec 2019 17:26

Tgt Ion:	146	Resp:	342517
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.8	62.2
148	64.0	31.8	95.4

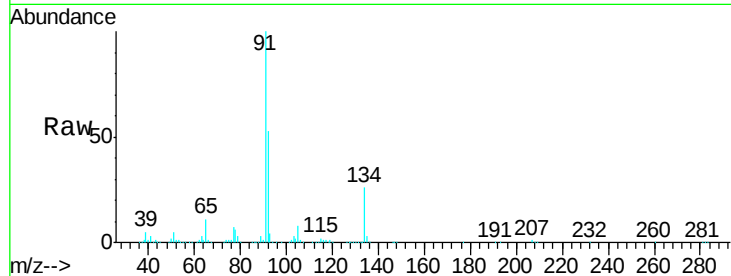




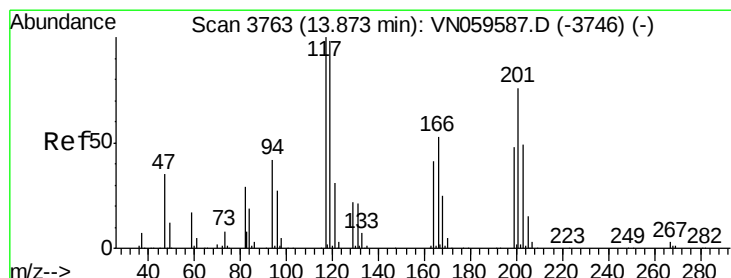
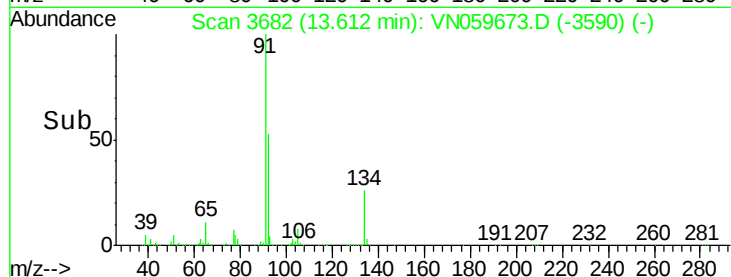
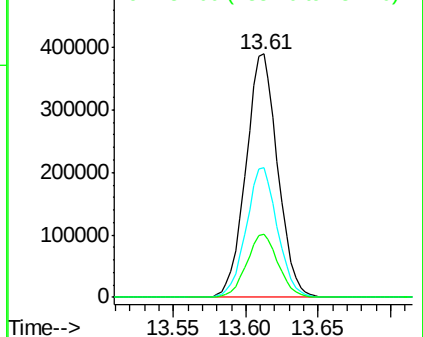
#89
n-Butylbenzene
Concen: 47.741 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 594582
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.7
134 25.8 12.3 36.8

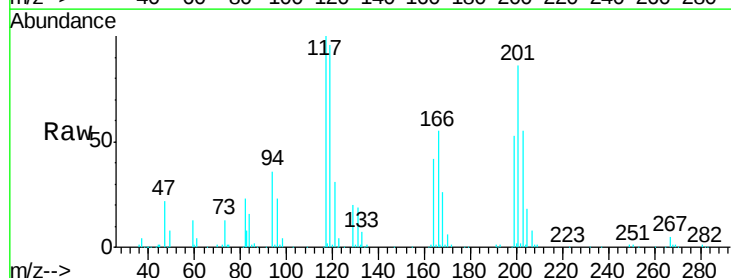


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

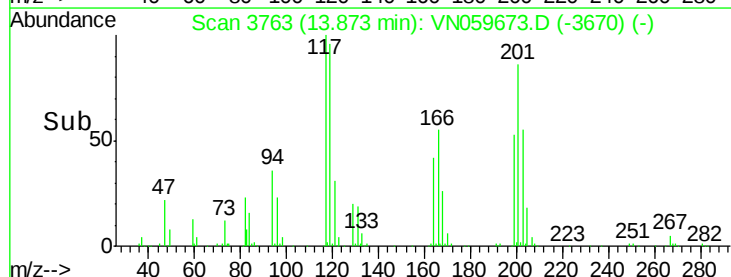
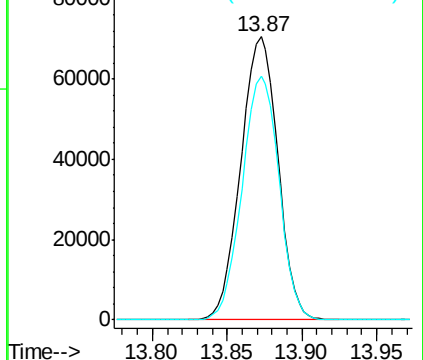


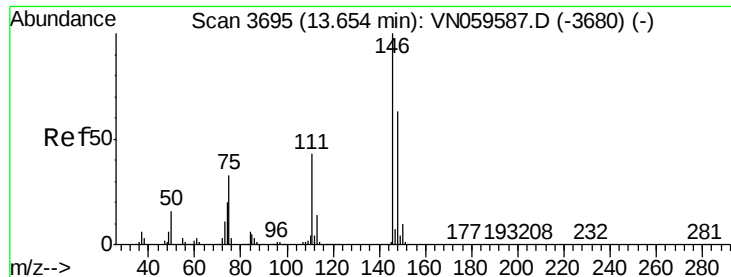
#90
Hexachloroethane
Concen: 48.696 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion: 117 Resp: 122275
Ion Ratio Lower Upper
117 100
201 85.4 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

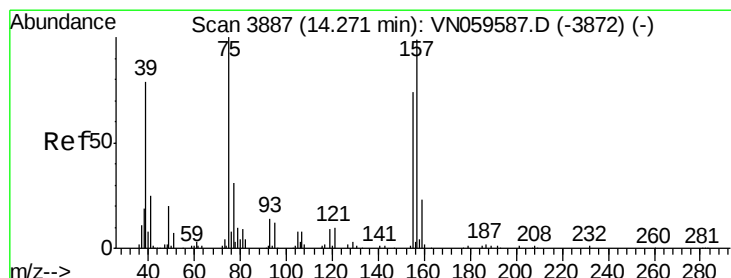
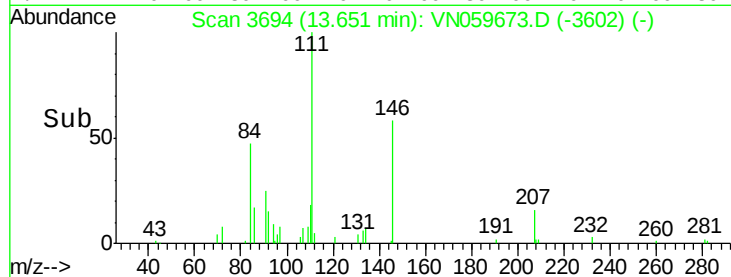
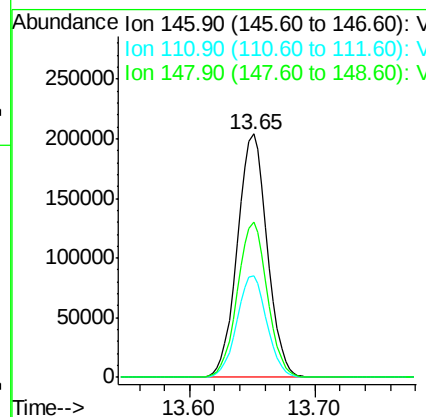
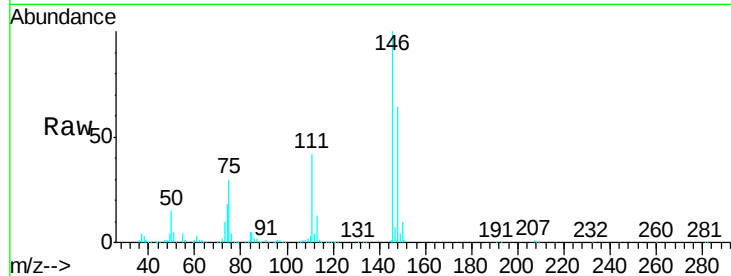




#91
 1,2-Dichlorobenzene
 Concen: 49.201 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

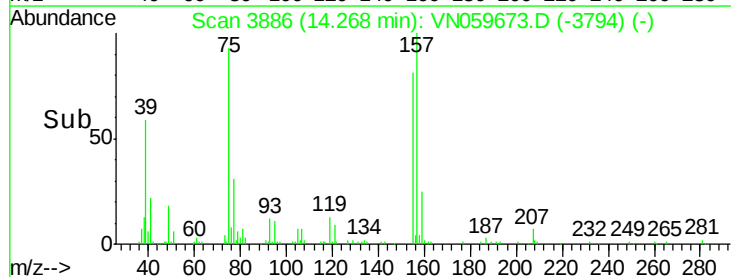
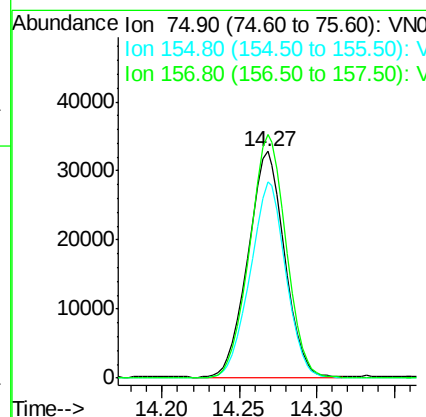
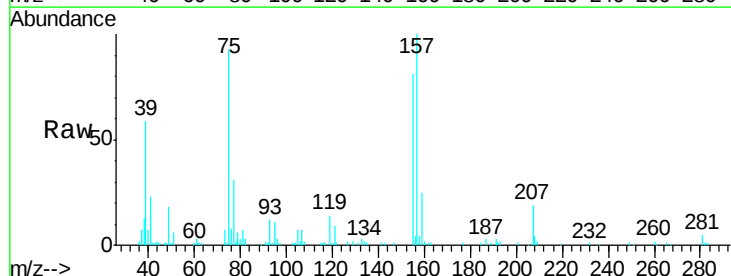
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

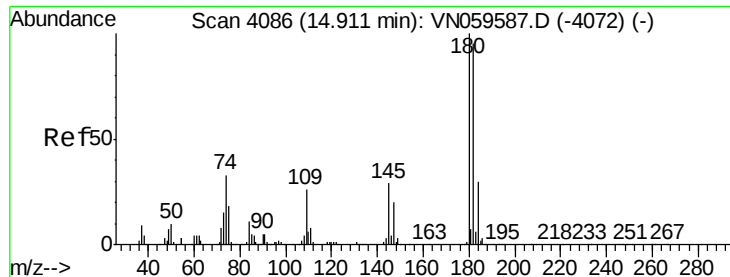
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.6	64.8
148	63.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.622 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN059673.D
 Acq: 19 Dec 2019 17:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	37.0	110.9
157	107.6	48.4	145.2

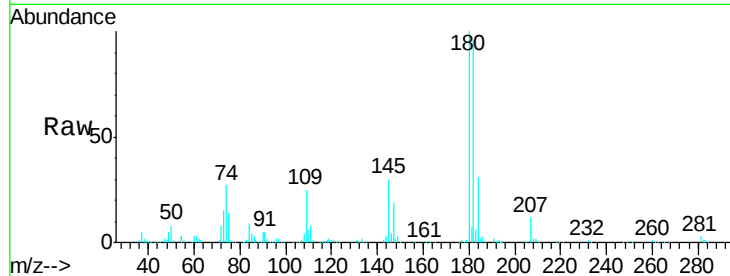




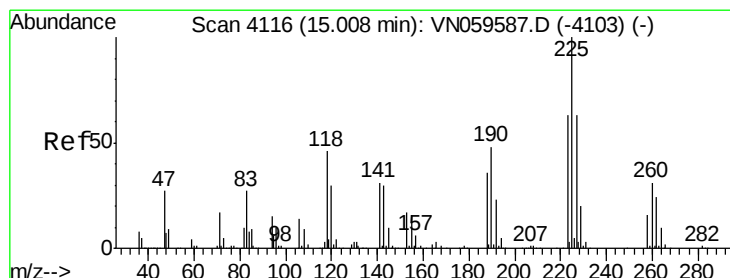
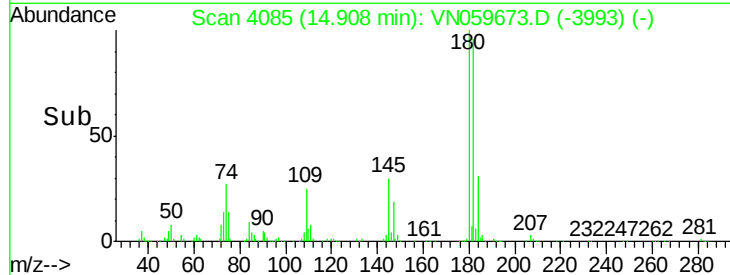
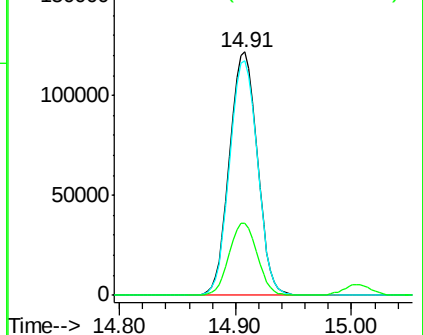
#93
1,2,4-Trichlorobenzene
Concen: 45.583 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 201966
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.7
145 29.8 15.0 45.1

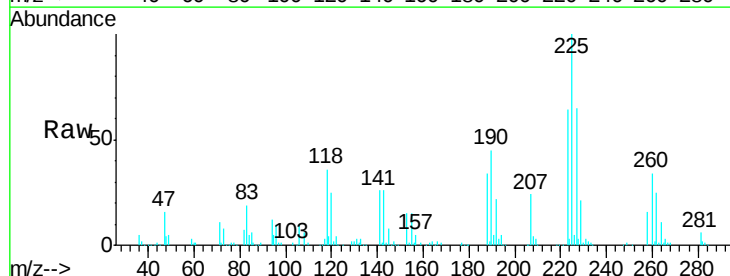


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

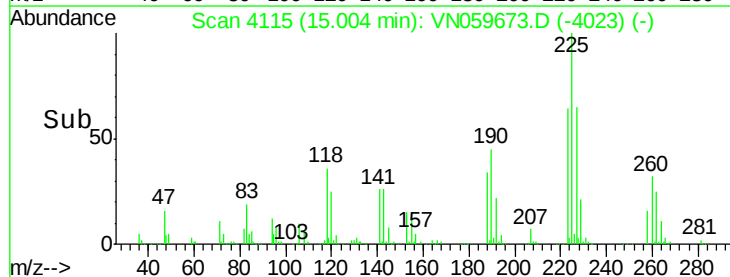
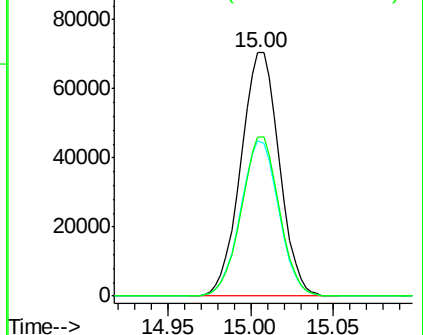


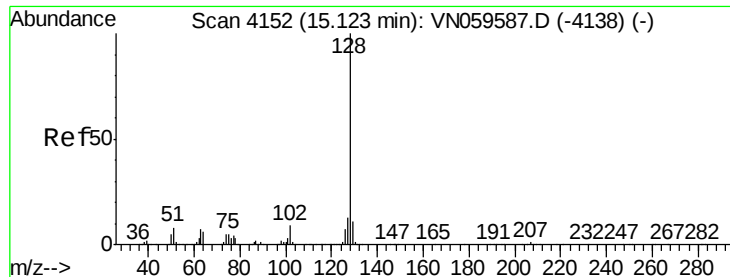
#94
Hexachlorobutadiene
Concen: 49.197 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion:225 Resp: 113713
Ion Ratio Lower Upper
225 100
223 63.4 31.8 95.3
227 64.2 32.1 96.5



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

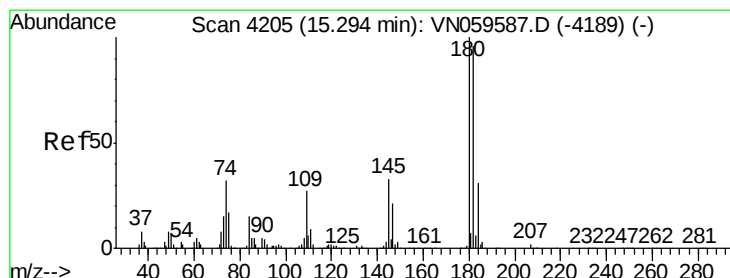
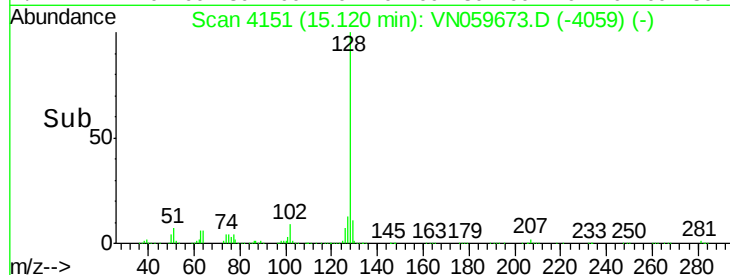
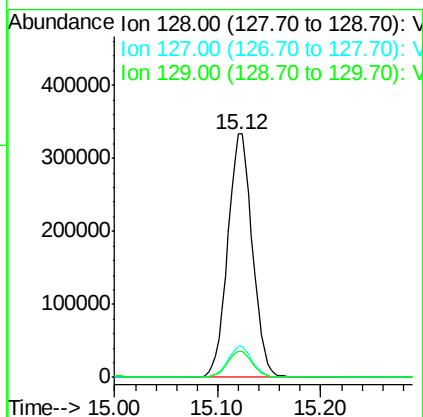
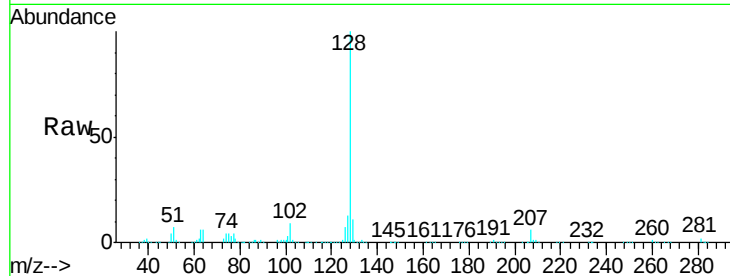




#95
Naphthalene
Concen: 42.022 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 555836
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 42.164 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059673.D
Acq: 19 Dec 2019 17:26

Tgt Ion:180 Resp: 188949
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.3
145 31.6 16.3 48.9

