

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121919\
 Data File : VN059664.D
 Acq On : 19 Dec 2019 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 20 01:50:57 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	227374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	365682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	339717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	177340	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	7.56	113	123232	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.08	98	497380	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.40	95	183898	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	190664	64.893	ug/l	98
3) Chloromethane	2.04	50	221893	47.590	ug/l	100
4) Vinyl Chloride	2.17	62	251227	56.820	ug/l	99
5) Bromomethane	2.54	94	149882	58.311	ug/l	99
6) Chloroethane	2.68	64	155364	62.521	ug/l	99
7) Trichlorofluoromethane	3.00	101	293488	60.498	ug/l	100
8) Diethyl Ether	3.38	74	83731	55.240	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	140744	57.570	ug/l	99
10) Methyl Iodide	3.92	142	184089	56.879	ug/l	99
11) Tert butyl alcohol	4.75	59	175119	288.700	ug/l	99
12) 1,1-Dichloroethene	3.71	96	132337	55.491	ug/l	95
13) Acrolein	3.58	56	70811	163.882	ug/l	98
14) Allyl chloride	4.29	41	279309	57.051	ug/l	99
15) Acrylonitrile	4.95	53	440775	300.412	ug/l	100
16) Acetone	3.78	43	548019	278.981	ug/l	99
17) Carbon Disulfide	4.02	76	415202	50.920	ug/l	99
18) Methyl Acetate	4.29	43	236751	57.517	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	502936	59.728	ug/l	99
20) Methylene Chloride	4.52	84	159411	56.190	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	149425	56.204	ug/l	99
22) Diisopropyl ether	5.92	45	556745	61.684	ug/l	98
23) Vinyl Acetate	5.86	43	2377857	335.707	ug/l	99
24) 1,1-Dichloroethane	5.81	63	305871	59.825	ug/l	99
25) 2-Butanone	6.80	43	703397	299.446	ug/l	100
26) 2,2-Dichloropropane	6.79	77	278059	59.839	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	177149	60.132	ug/l	99
28) Bromochloromethane	7.17	49	113932	53.002	ug/l	98
29) Tetrahydrofuran	7.18	42	424989	296.944	ug/l	99
30) Chloroform	7.35	83	299312	59.474	ug/l	99
31) Cyclohexane	7.63	56	274037	56.725	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	261851	57.712	ug/l	99
36) 1,1-Dichloropropene	7.77	75	230962	60.564	ug/l	98
37) Ethyl Acetate	6.90	43	265691	59.944	ug/l	100
38) Carbon Tetrachloride	7.75	117	229813	58.075	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	264906	61.241	ug/l	99
40) Benzene	8.02	78	664002	59.581	ug/l	99
41) Methacrylonitrile	7.18	41	384624	210.266	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	254827	59.707	ug/l	100
43) Isopropyl Acetate	8.14	43	422890	61.368	ug/l #	91
44) Trichloroethene	8.82	130	173131	59.309	ug/l	98
45) 1,2-Dichloropropane	9.10	63	183427	60.950	ug/l	99
46) Dibromomethane	9.19	93	116364	59.019	ug/l	99
47) Bromodichloromethane	9.39	83	239726	60.984	ug/l	98
48) Methyl methacrylate	9.18	41	193699	61.954	ug/l	99
49) 1,4-Dioxane	9.18	88	59139	1319.940	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1323695	322.174	ug/l	100
52) Toluene	10.14	92	406967	59.432	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	278598	61.281	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	293031	61.318	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	163721	60.930	ug/l	99
56) Ethyl methacrylate	10.42	69	258088	64.700	ug/l	99
57) 1,3-Dichloropropane	10.70	76	290050	61.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	177324	139.772	ug/l	100
59) 2-Hexanone	10.74	43	1052435	325.012	ug/l	100
60) Dibromochloromethane	10.89	129	184478	62.904	ug/l	99
61) 1,2-Dibromoethane	11.00	107	169952	59.638	ug/l	99
64) Tetrachloroethene	10.62	164	164554	51.962	ug/l	98
65) Chlorobenzene	11.43	112	431168	58.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	164924	59.070	ug/l	100
67) Ethyl Benzene	11.50	91	803607	60.566	ug/l	99
68) m/p-Xylenes	11.62	106	596879	121.824	ug/l	99
69) o-Xylene	11.94	106	284821	61.095	ug/l	99
70) Styrene	11.96	104	465096	62.093	ug/l	99
71) Bromoform	12.12	173	130955	62.396	ug/l #	99
73) Isopropylbenzene	12.25	105	771562	59.245	ug/l	100
74) N-amyl acetate	12.07	43	363247	60.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238453	57.721	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	358939	87.397	ug/l #	100
77) Bromobenzene	12.52	156	181033	56.524	ug/l	98
78) n-propylbenzene	12.59	91	929122	60.354	ug/l	99
79) 2-Chlorotoluene	12.67	91	540157	58.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	658013	59.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	98596	59.295	ug/l	100
82) 4-Chlorotoluene	12.77	91	557791	58.522	ug/l	100
83) tert-Butylbenzene	12.99	119	552471	59.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	665448	60.723	ug/l	99
85) sec-Butylbenzene	13.17	105	747281	60.191	ug/l	99
86) p-Isopropyltoluene	13.29	119	679107	60.395	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	333377	56.607	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	331938	55.903	ug/l	99
89) n-Butylbenzene	13.61	91	631881	59.939	ug/l	100
90) Hexachloroethane	13.87	117	128627	60.518	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	325329	56.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57090	50.980	ug/l	99

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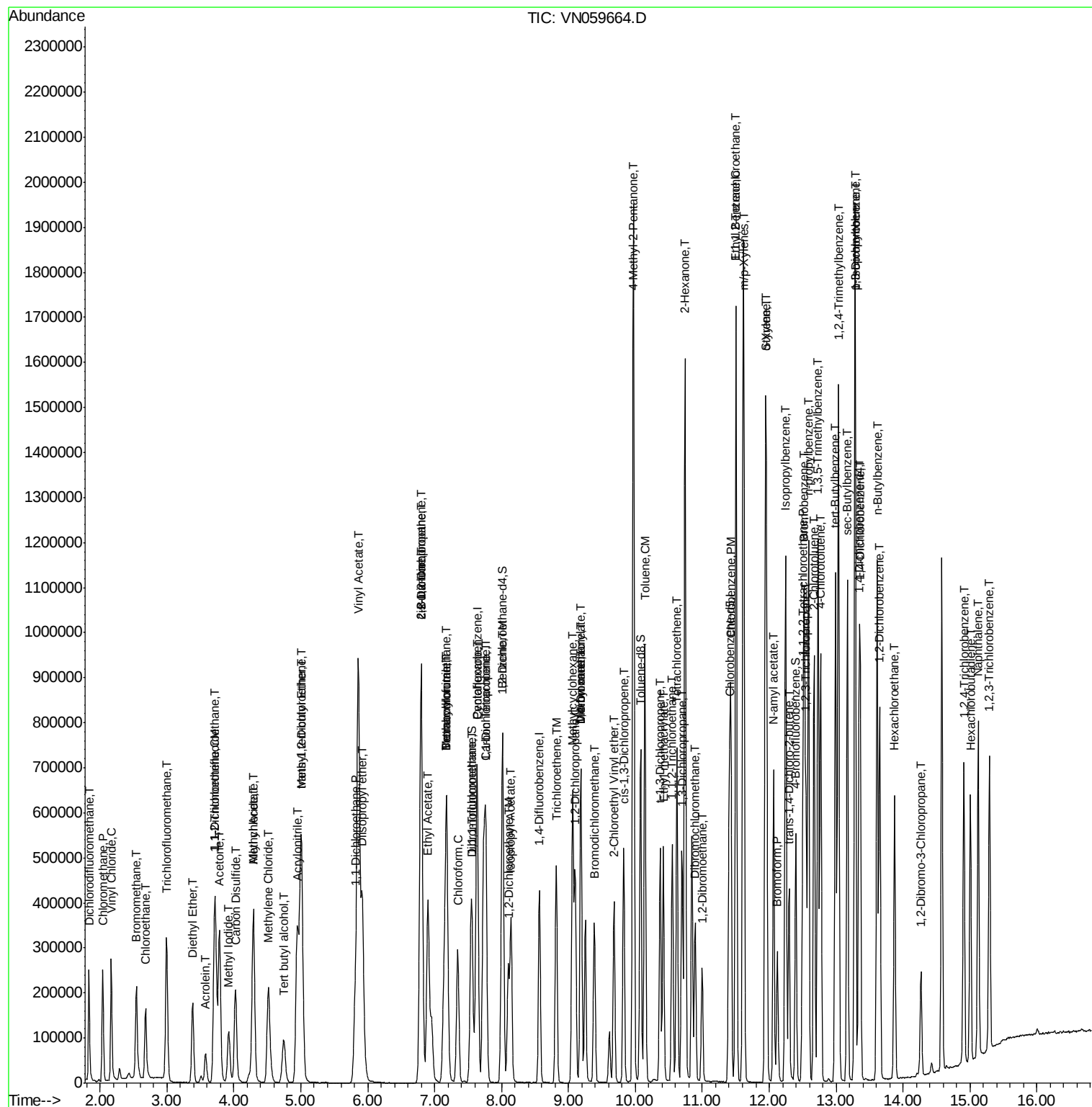
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	201947	53.846	ug/l	99
94) Hexachlorobutadiene	15.01	225	107397	55.133	ug/l	98
95) Naphthalene	15.12	128	584434	52.199	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	194422	51.255	ug/l	99

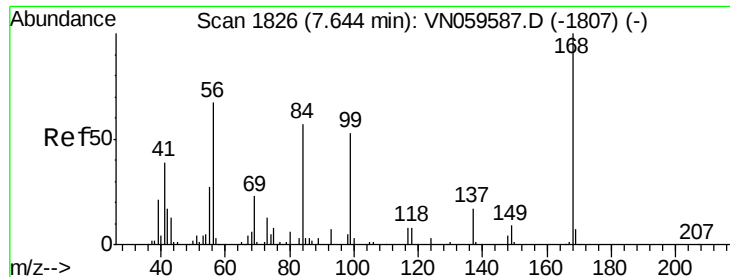
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

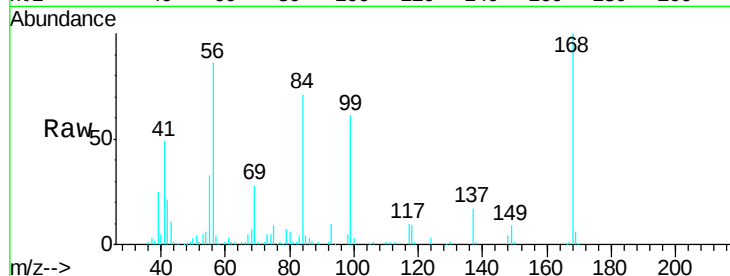
VSTDCCC050

Tgt Ion:168 Resp: 227374

Ion Ratio Lower Upper

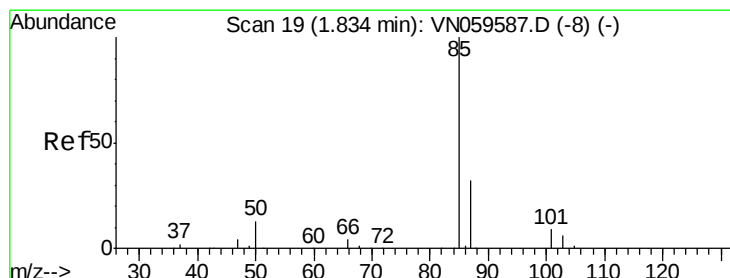
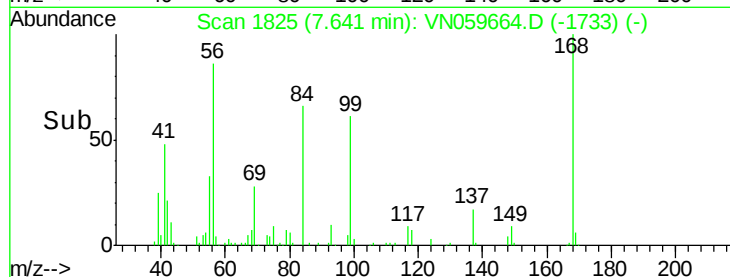
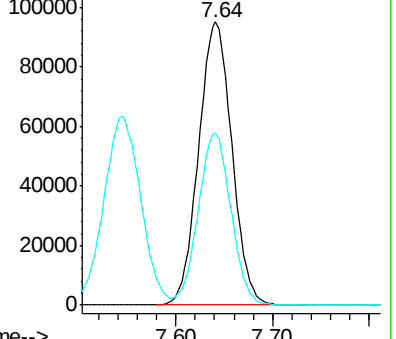
168 100

99 60.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 64.893 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059664.D

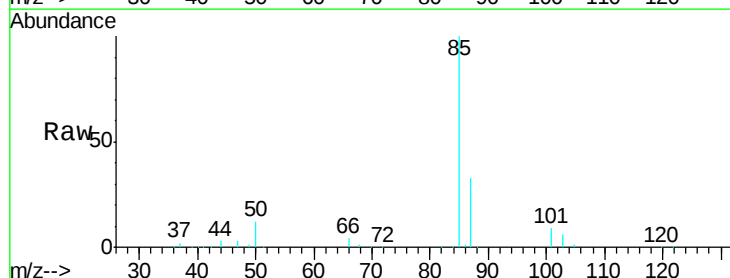
Acq: 19 Dec 2019 11:46

Tgt Ion: 85 Resp: 190664

Ion Ratio Lower Upper

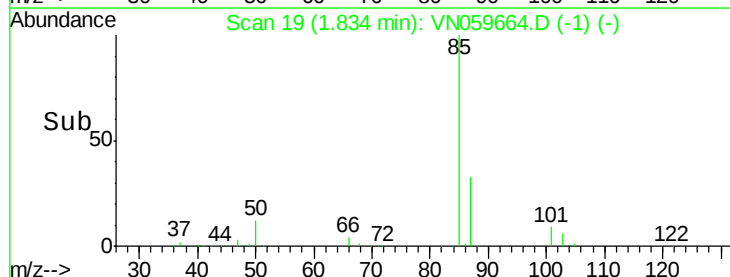
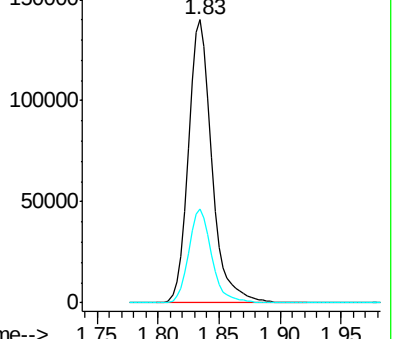
85 100

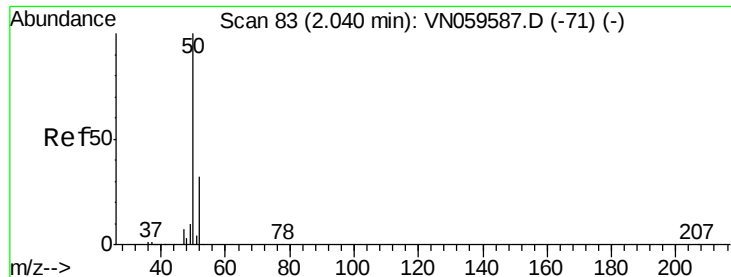
87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.590 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

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ClientSampleId :

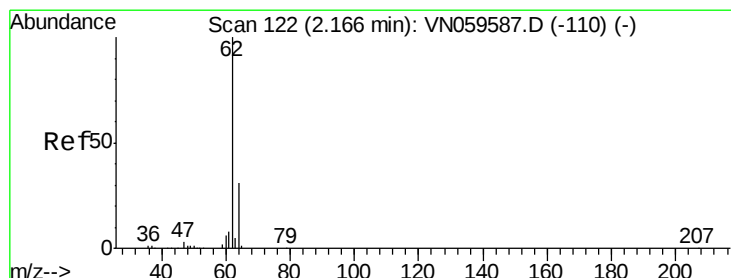
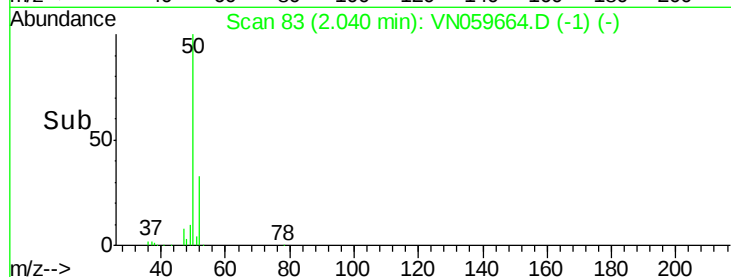
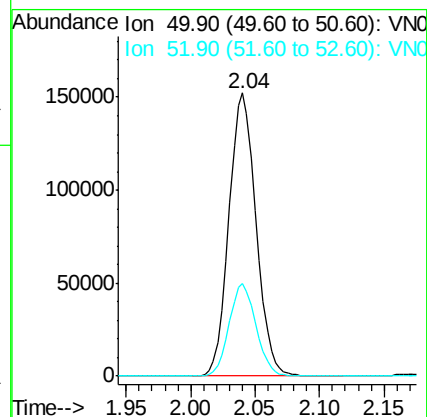
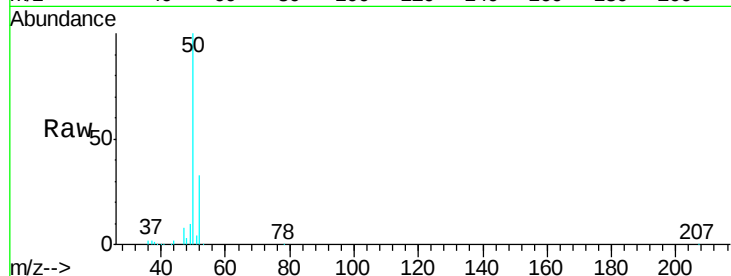
VSTDCCC050

Tgt Ion: 50 Resp: 221893

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



#4

Vinyl Chloride

Concen: 56.820 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059664.D

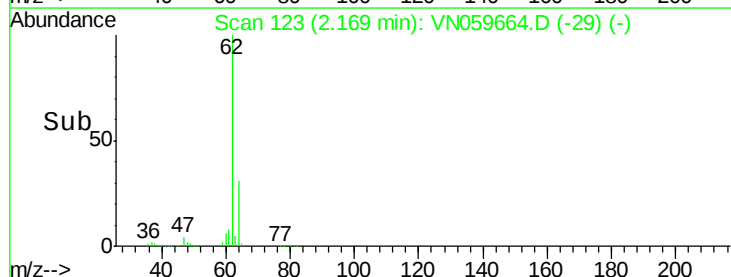
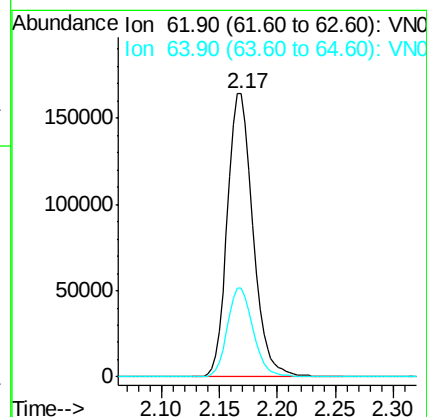
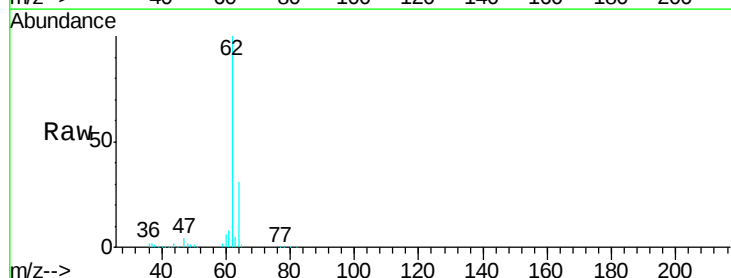
Acq: 19 Dec 2019 11:46

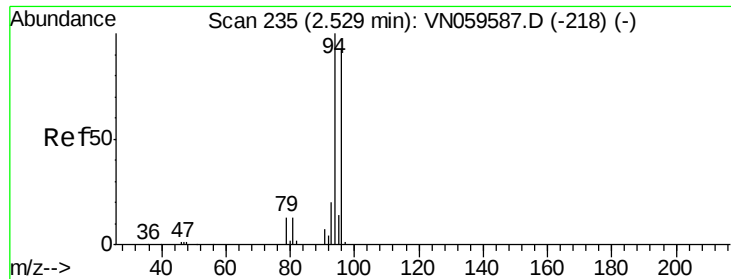
Tgt Ion: 62 Resp: 251227

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 58.311 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

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ClientSampleId :

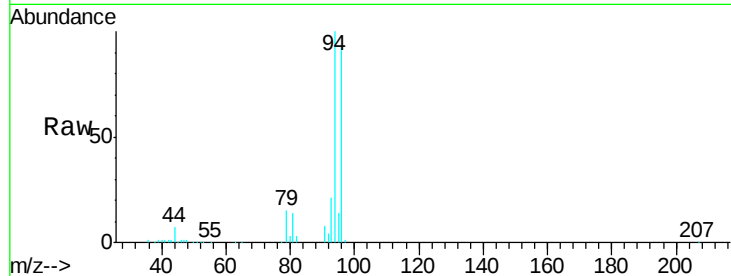
VSTDCCC050

Tgt Ion: 94 Resp: 149882

Ion Ratio Lower Upper

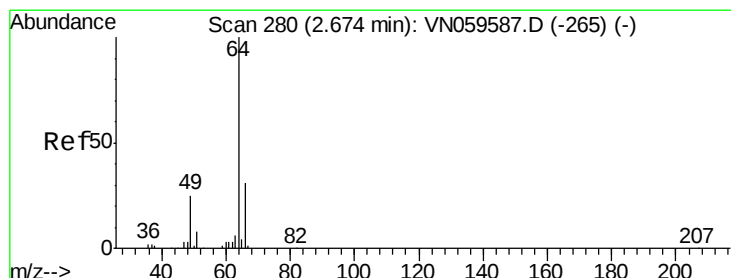
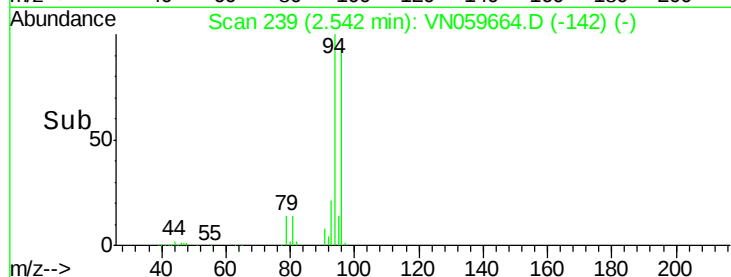
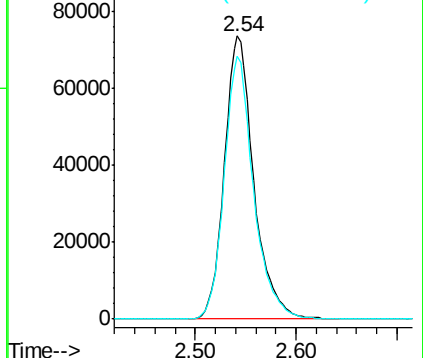
94 100

96 92.7 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 62.521 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN059664.D

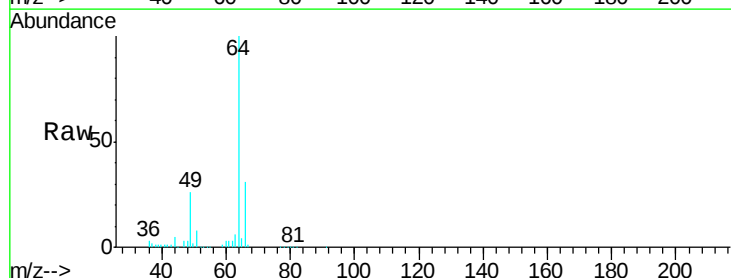
Acq: 19 Dec 2019 11:46

Tgt Ion: 64 Resp: 155364

Ion Ratio Lower Upper

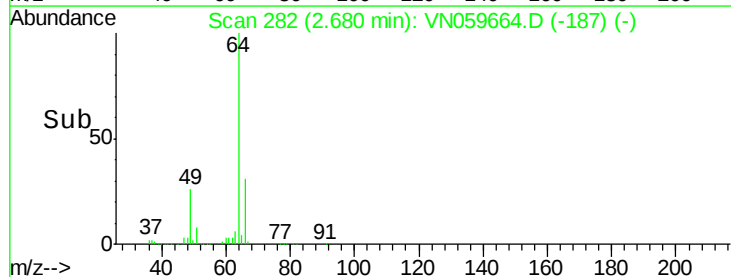
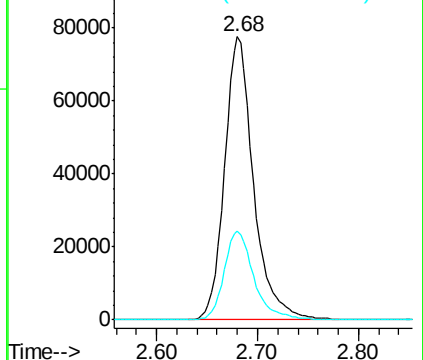
64 100

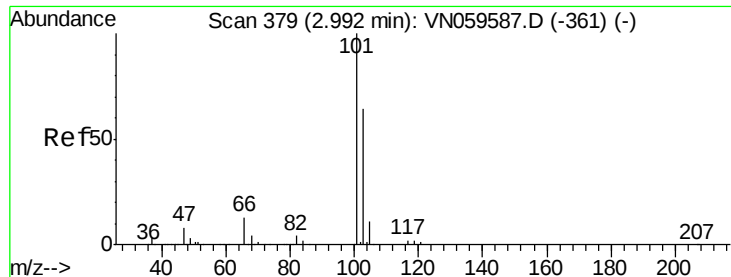
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



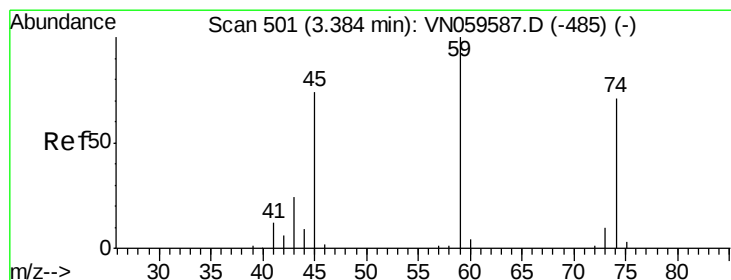
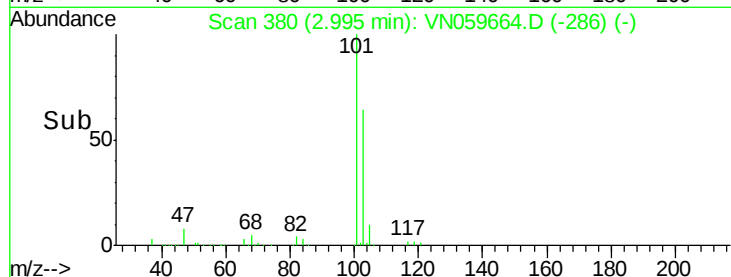
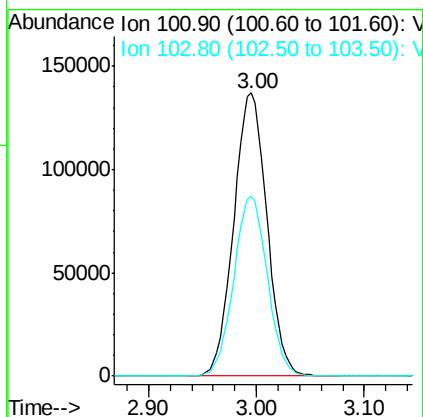
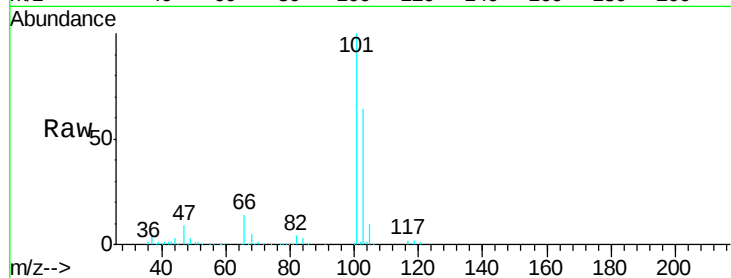


#7

Trichlorofluoromethane
Concen: 60.498 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059664.D
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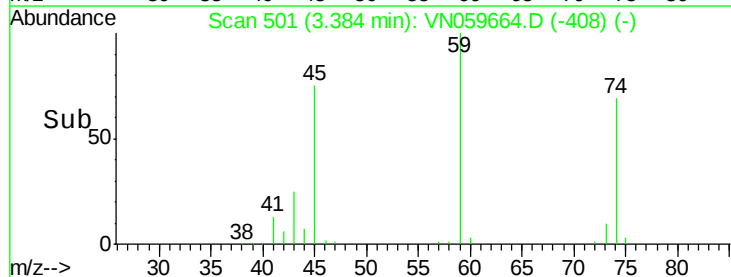
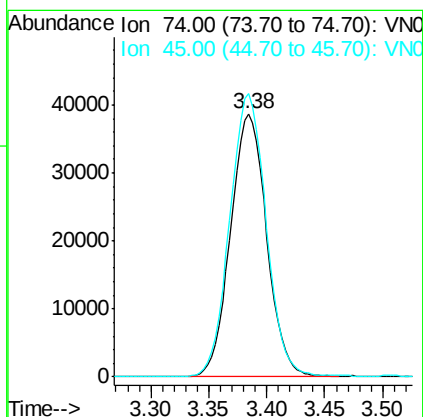
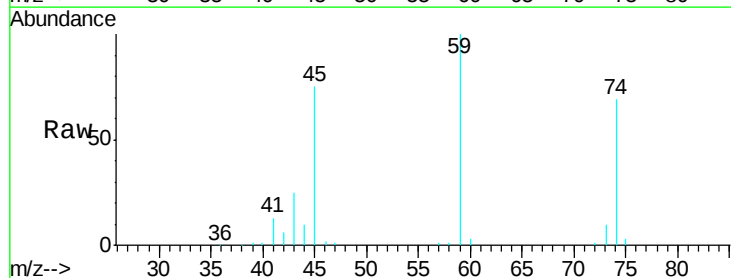
Tgt Ion: 101 Resp: 293488
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.6

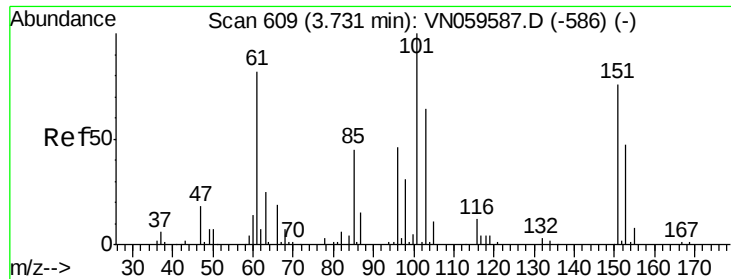


#8

Diethyl Ether
Concen: 55.240 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059664.D
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Tgt Ion: 74 Resp: 83731
Ion Ratio Lower Upper
74 100
45 108.8 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.570 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

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ClientSampleId :

VSTDCCC050

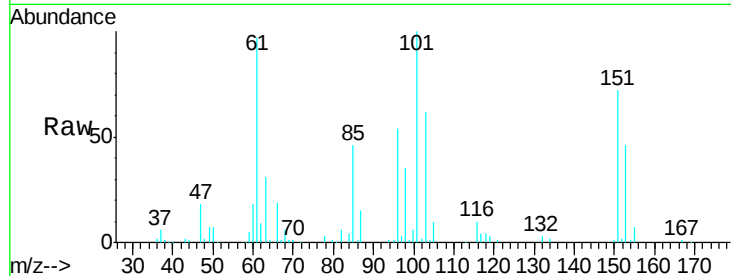
Tgt Ion:101 Resp: 140744

Ion Ratio Lower Upper

101 100

85 46.0 36.6 54.8

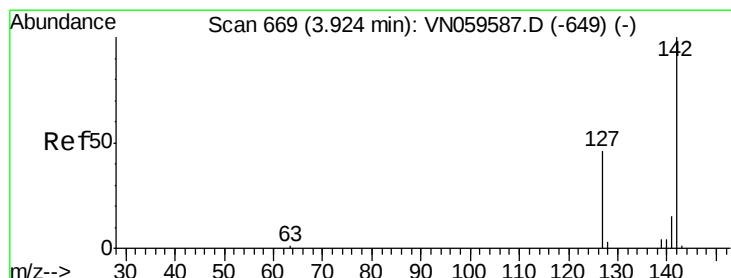
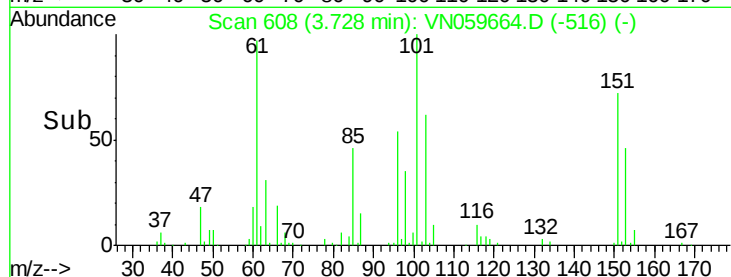
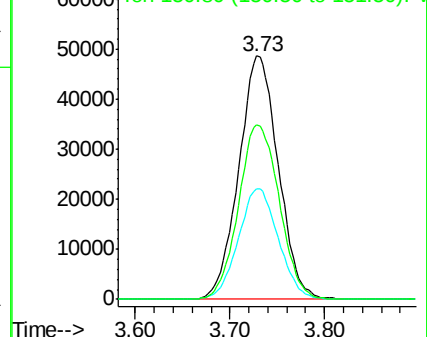
151 74.1 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.879 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

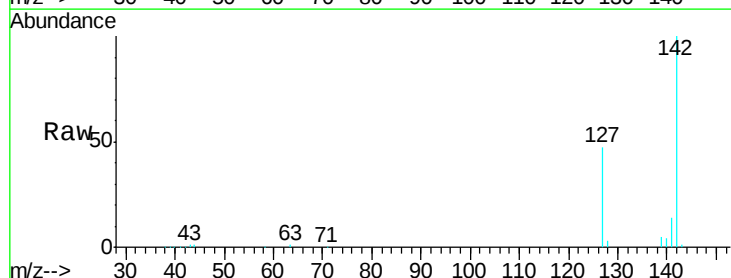
Tgt Ion:142 Resp: 184089

Ion Ratio Lower Upper

142 100

127 46.5 36.7 55.1

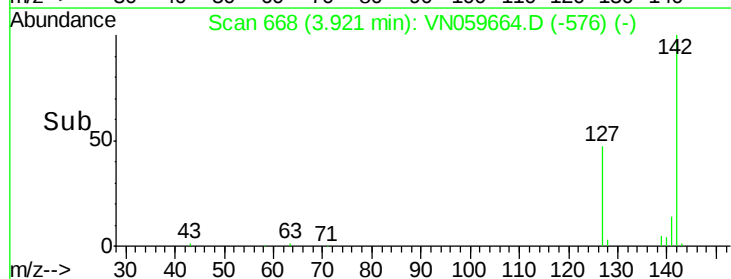
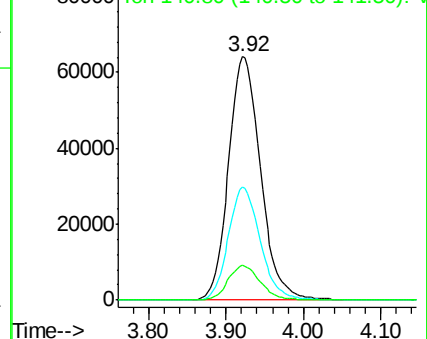
141 14.3 11.7 17.5

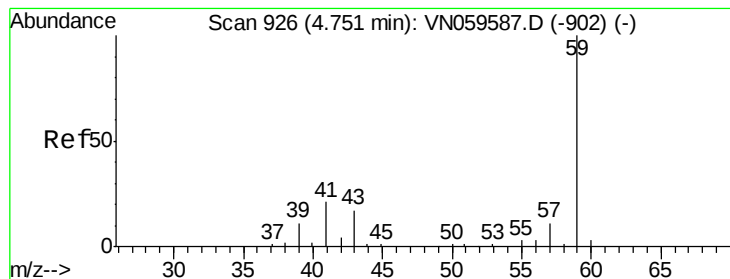


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



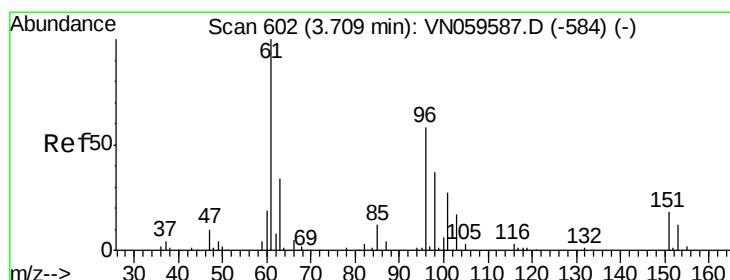
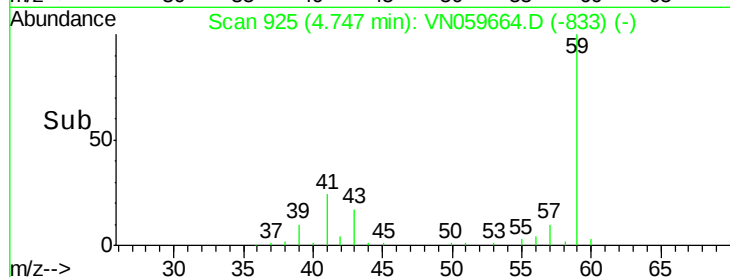
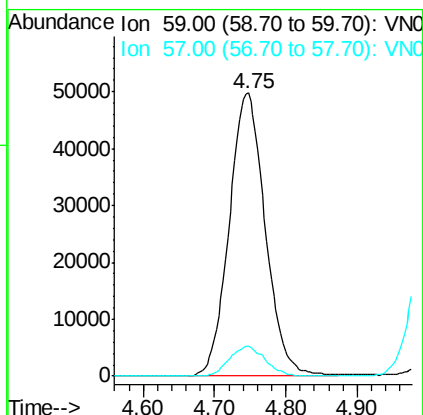
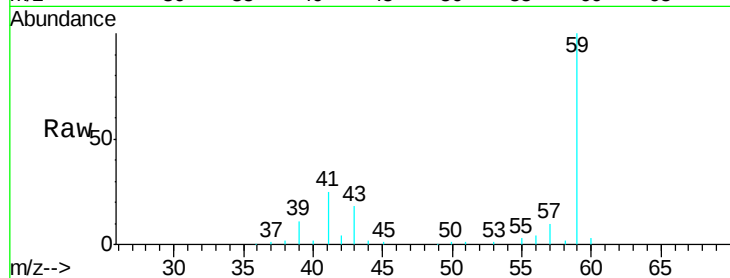


#11

Tert butyl alcohol
Concen: 288.700 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

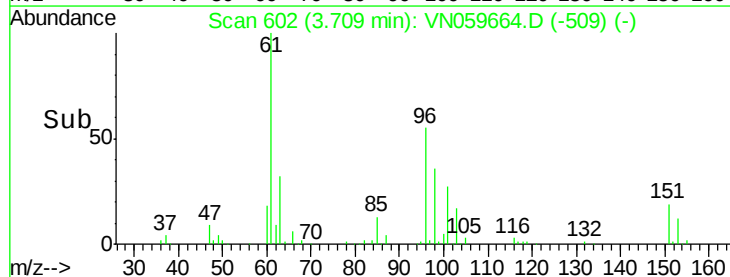
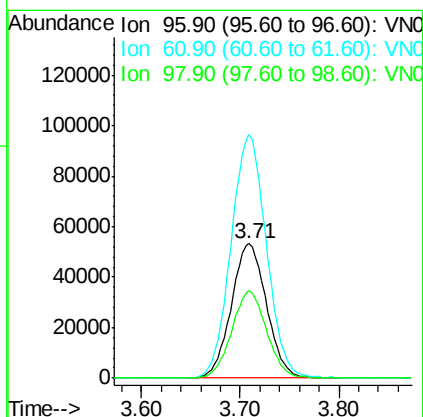
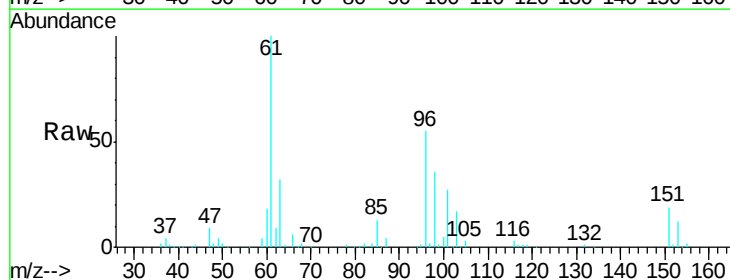
Tgt Ion: 59 Resp: 175119
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

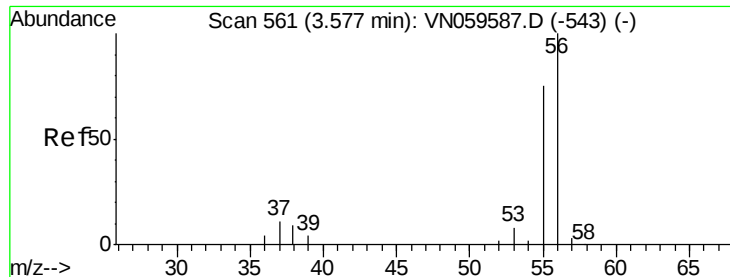


#12

1,1-Dichloroethene
Concen: 55.491 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 96 Resp: 132337
Ion Ratio Lower Upper
96 100
61 180.8 137.5 206.3
98 64.6 50.2 75.4





#13

Acrolein

Concen: 163.882 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

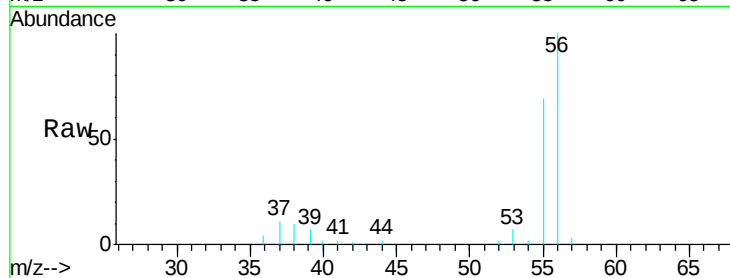
VSTDCCC050

Tgt Ion: 56 Resp: 70811

Ion Ratio Lower Upper

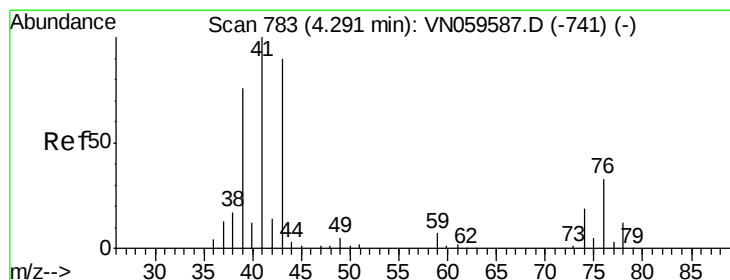
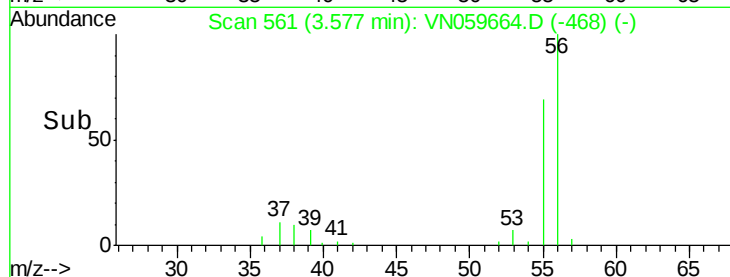
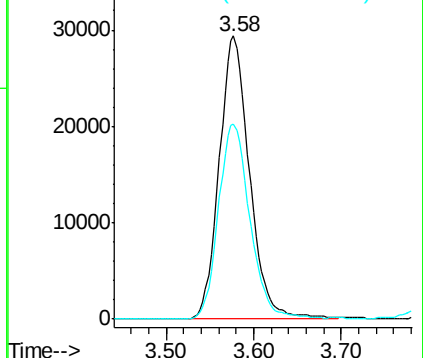
56 100

55 71.7 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: 57.051 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

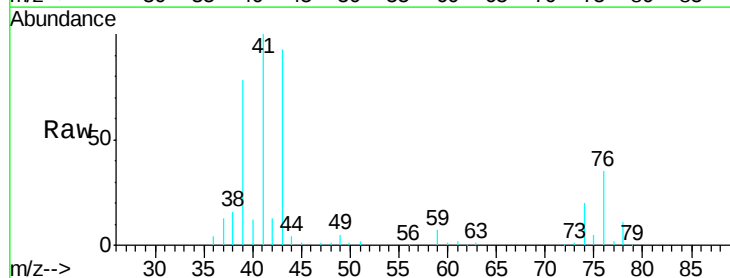
Tgt Ion: 41 Resp: 279309

Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.8

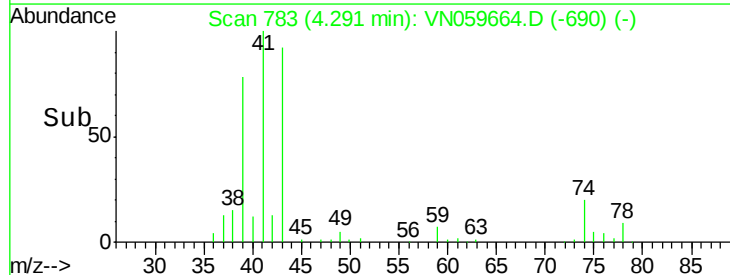
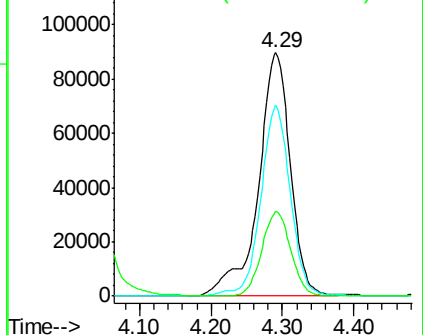
76 31.5 25.4 38.0

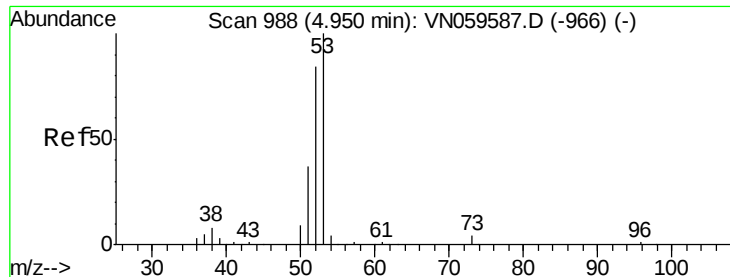


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 300.412 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

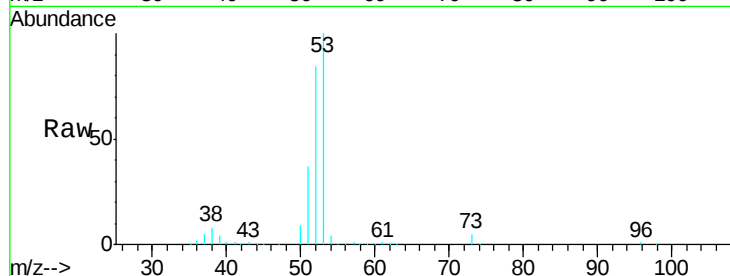
Tgt Ion: 53 Resp: 440775

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

51 37.4 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) (-)

4.95

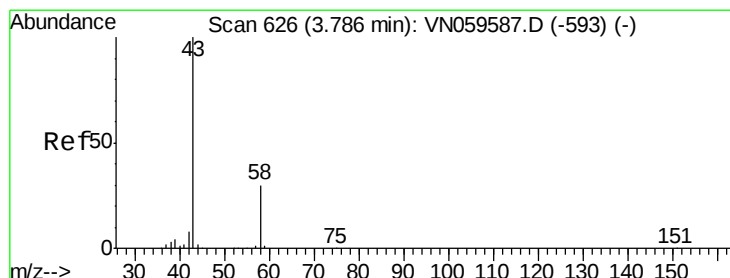
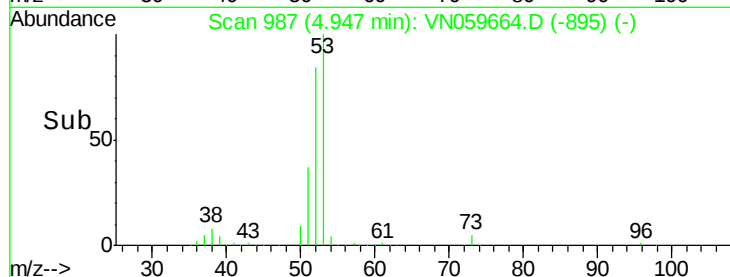
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 278.981 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.00 min

Lab File: VN059664.D

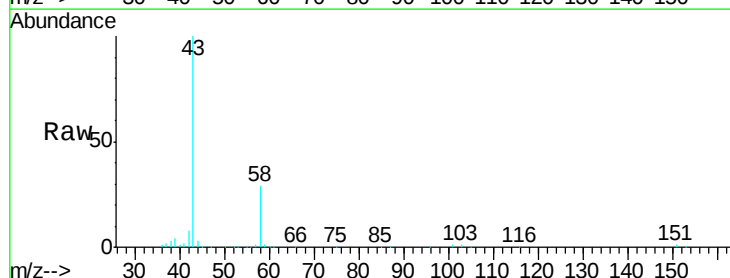
Acq: 19 Dec 2019 11:46

Tgt Ion: 43 Resp: 548019

Ion Ratio Lower Upper

43 100

58 29.2 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) (-)

250000

200000

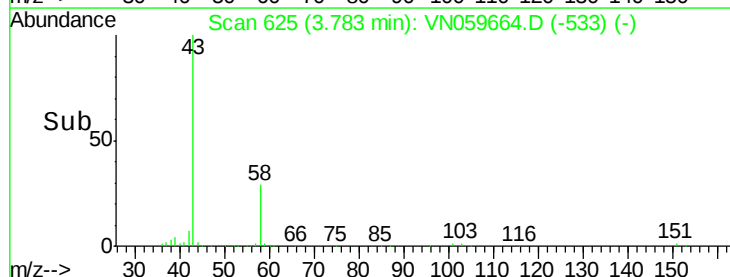
150000

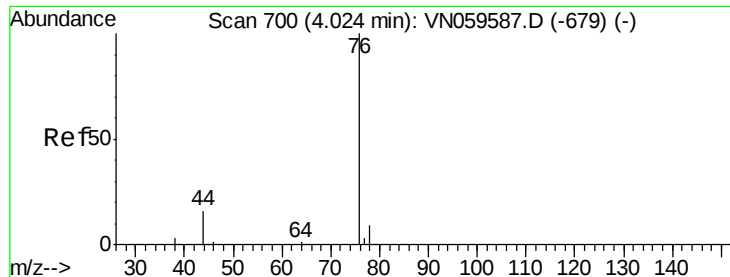
100000

50000

0

Time-->

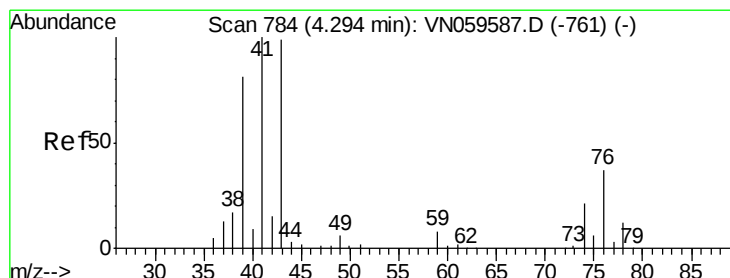
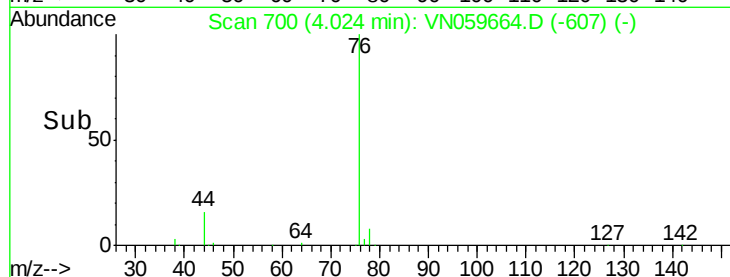
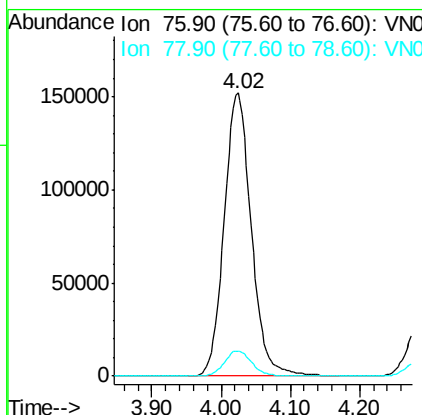
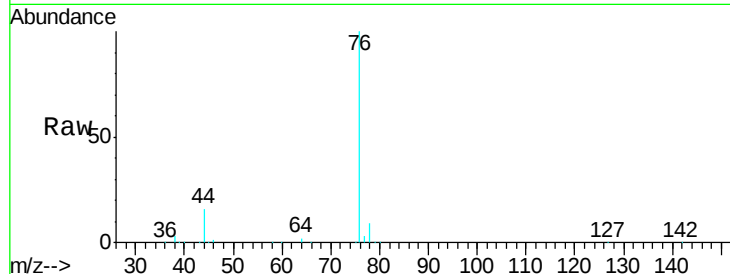




#17
Carbon Disulfide
Concen: 50.920 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

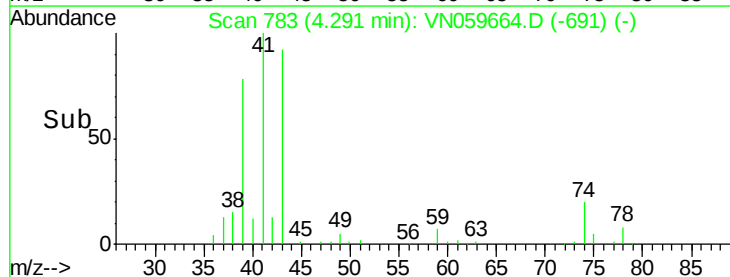
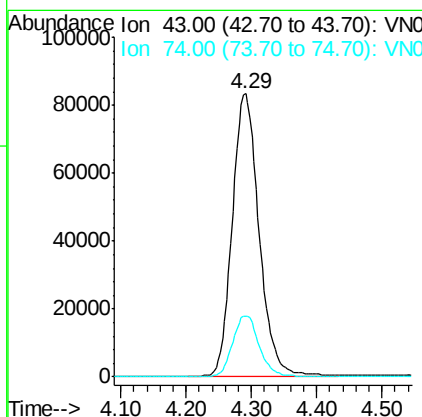
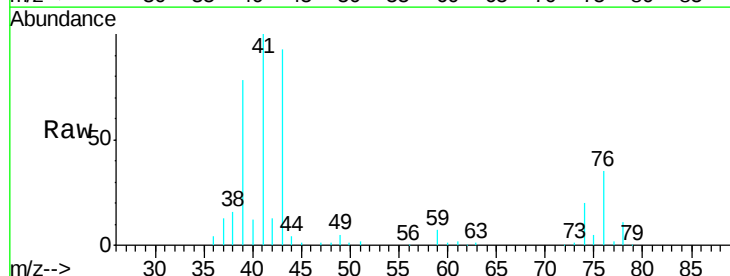
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

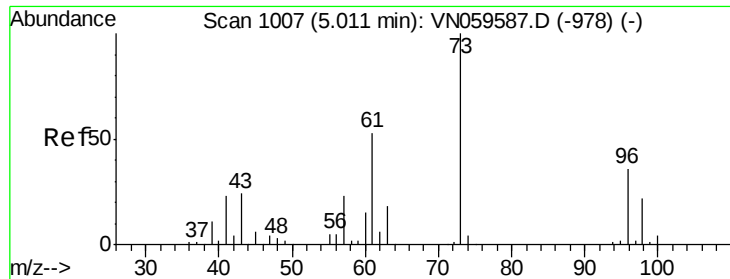
Tgt Ion: 76 Resp: 415202
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 57.517 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 43 Resp: 236751
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3

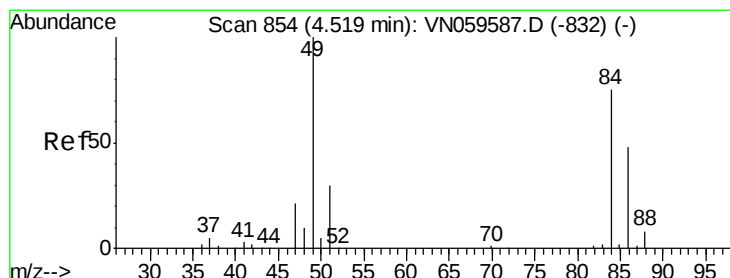
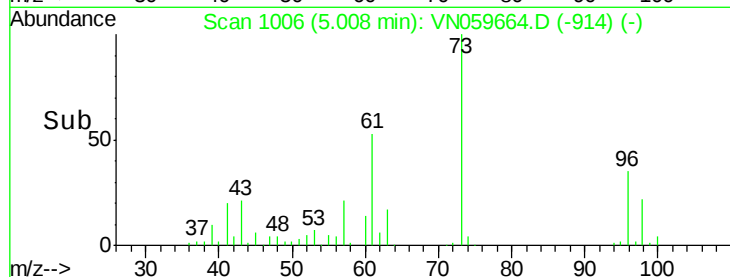
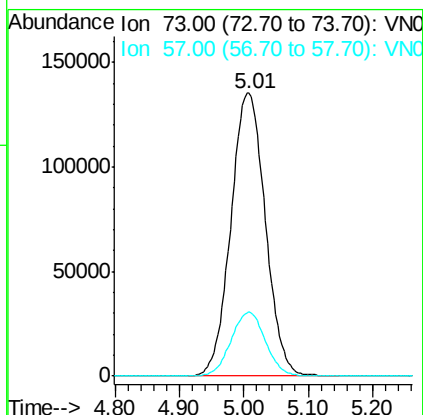
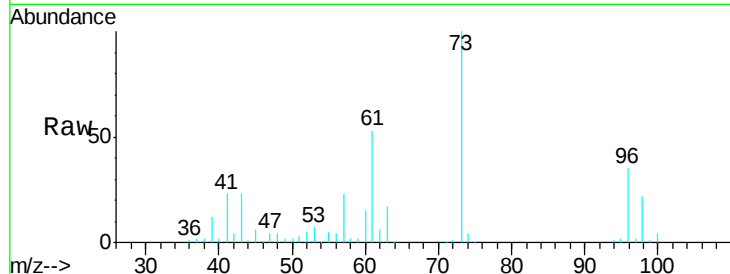




#19
Methyl tert-butyl Ether
Concen: 59.728 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

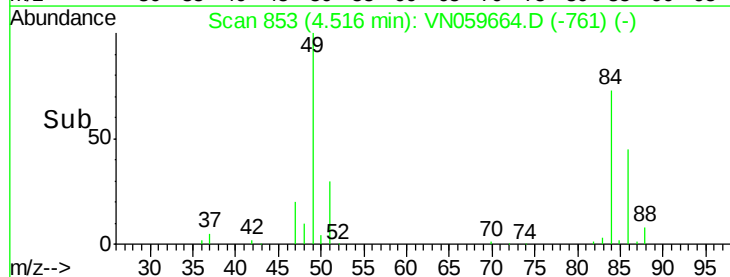
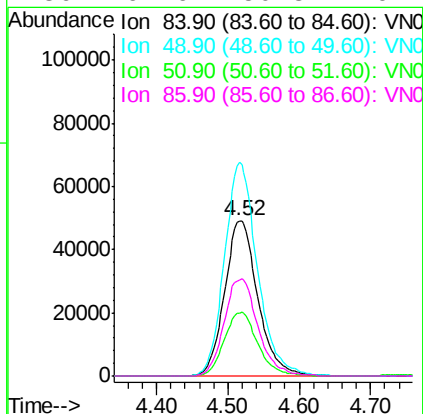
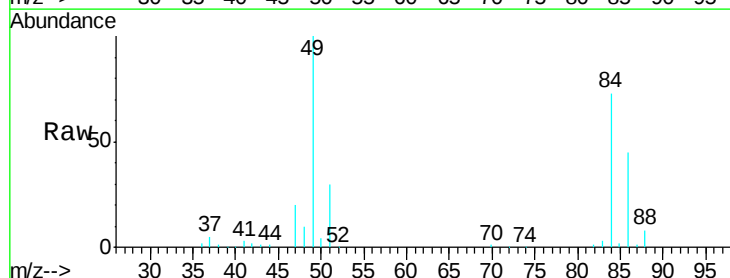
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

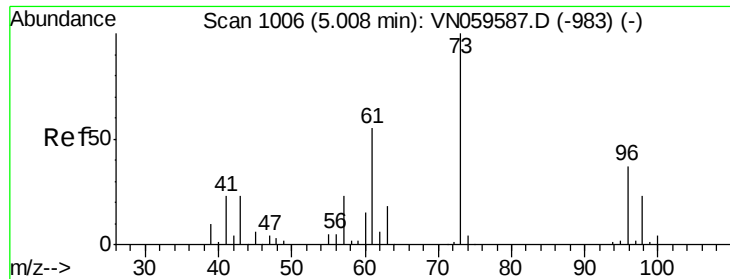
Tgt Ion: 73 Resp: 502936
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8



#20
Methylene Chloride
Concen: 56.190 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 84 Resp: 159411
Ion Ratio Lower Upper
84 100
49 137.3 106.6 160.0
51 40.6 31.9 47.9
86 61.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 56.204 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

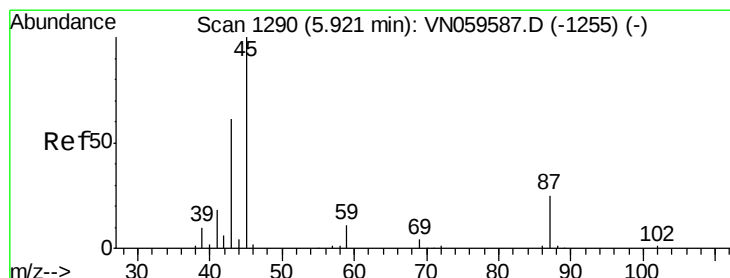
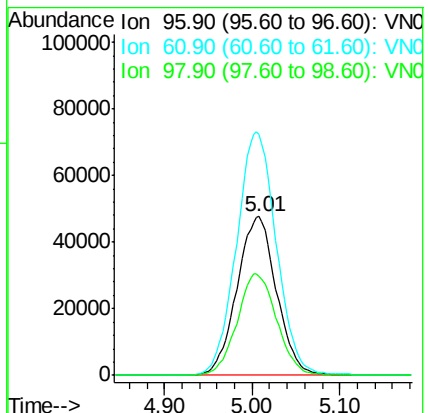
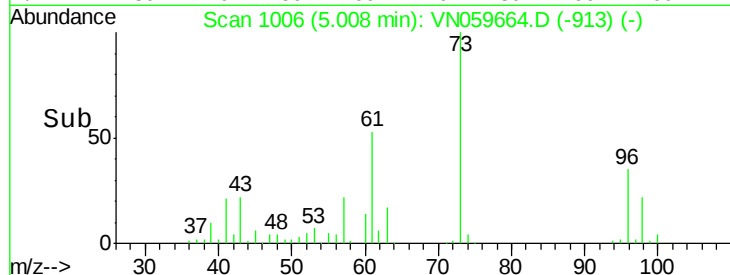
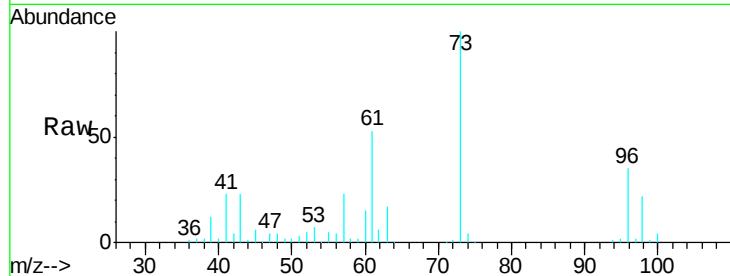
Tgt Ion: 96 Resp: 149425

Ion Ratio Lower Upper

96 100

61 151.8 120.4 180.6

98 62.6 50.6 75.8



#22

Diisopropyl ether

Concen: 61.684 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion: 45 Resp: 556745

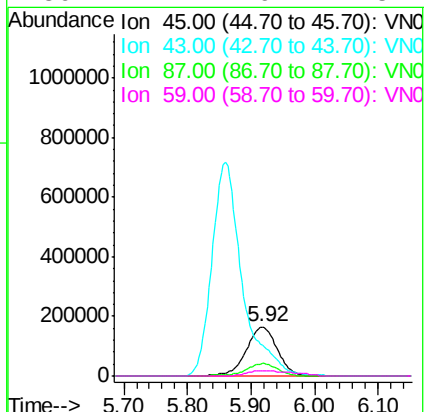
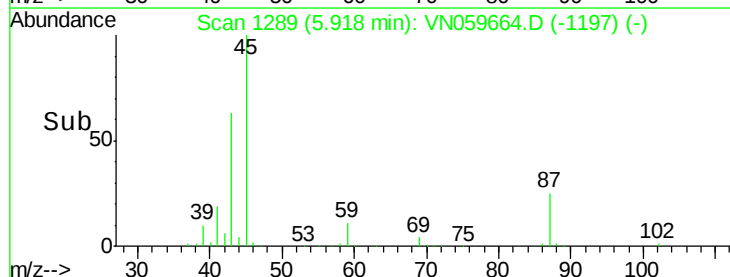
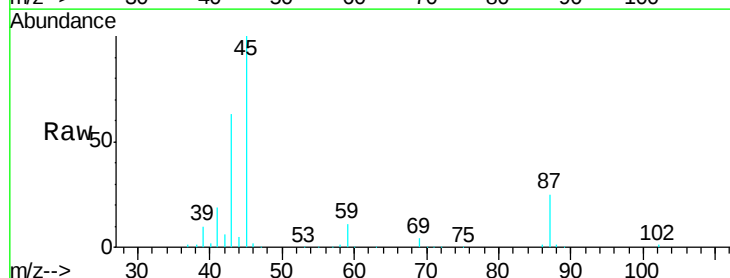
Ion Ratio Lower Upper

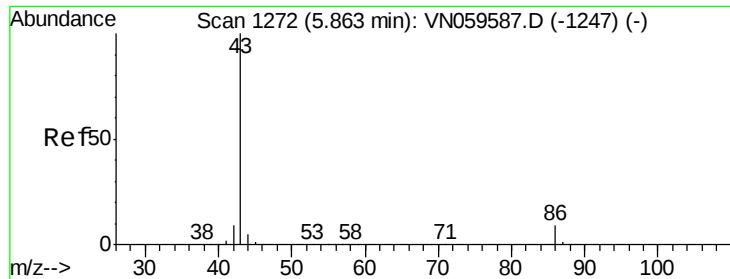
45 100

43 62.3 50.8 76.2

87 25.2 21.0 31.6

59 11.2 9.1 13.7

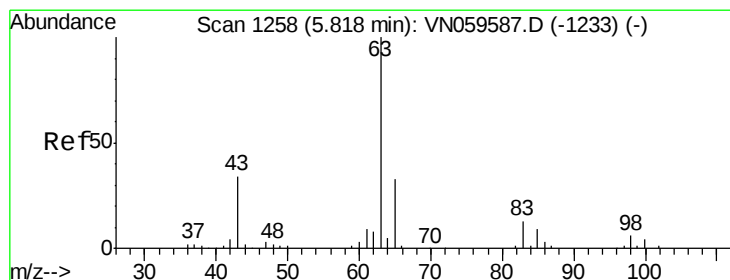
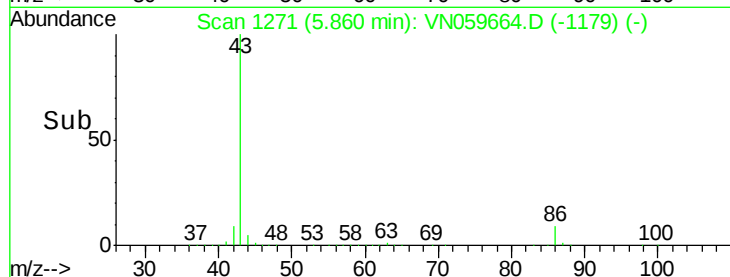
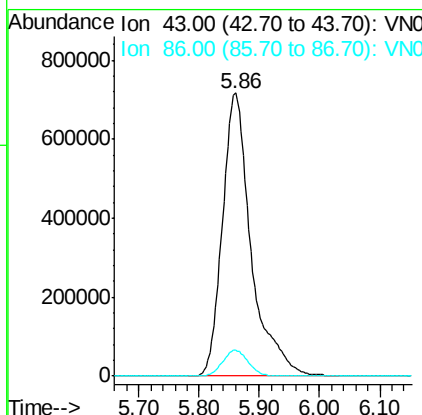
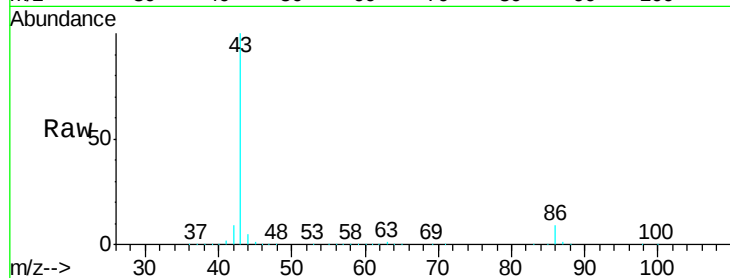




#23
 Vinyl Acetate
 Concen: 335.707 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

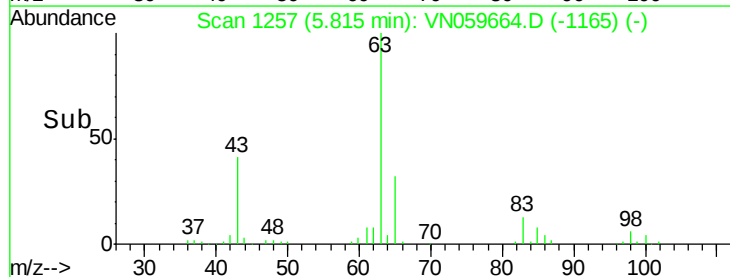
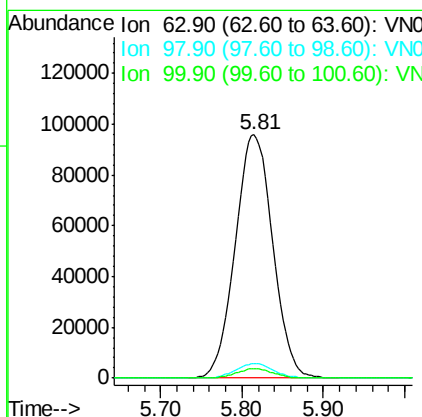
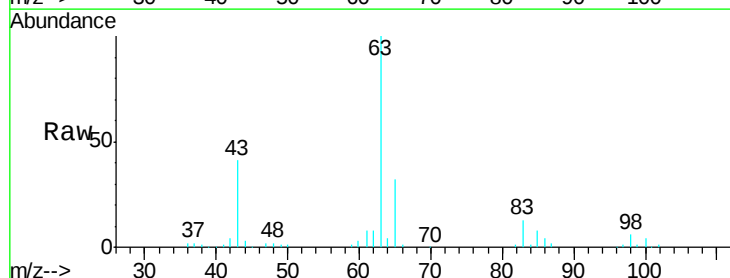
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

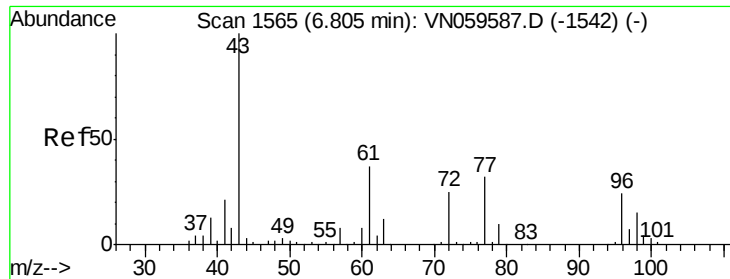
Tgt Ion: 43 Resp: 2377857
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 59.825 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion: 63 Resp: 305871
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 299.446 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampled :

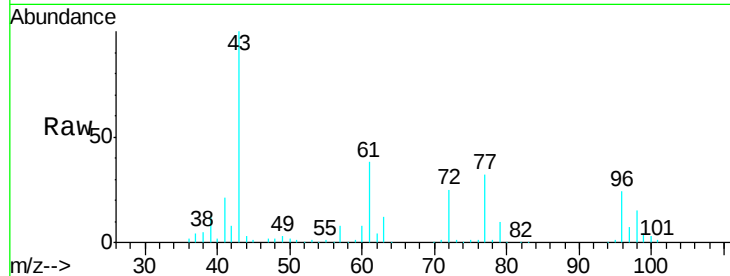
VSTDCCC050

Tgt Ion: 43 Resp: 703397

Ion Ratio Lower Upper

43 100

72 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.80

250000

200000

150000

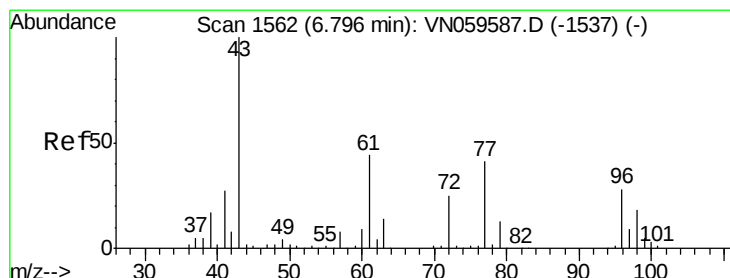
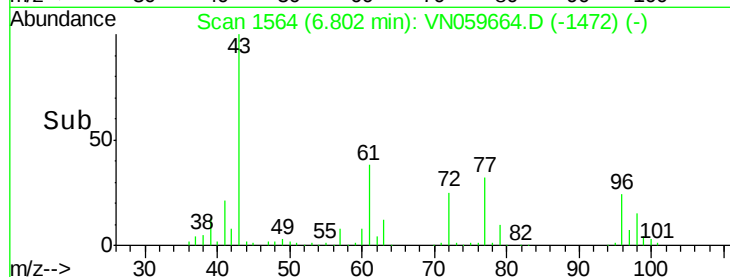
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 59.839 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059664.D

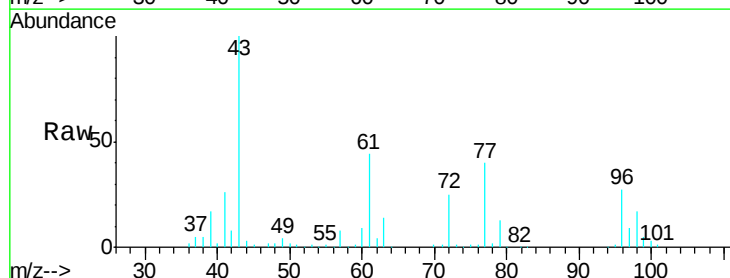
Acq: 19 Dec 2019 11:46

Tgt Ion: 77 Resp: 278059

Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.79

100000

80000

60000

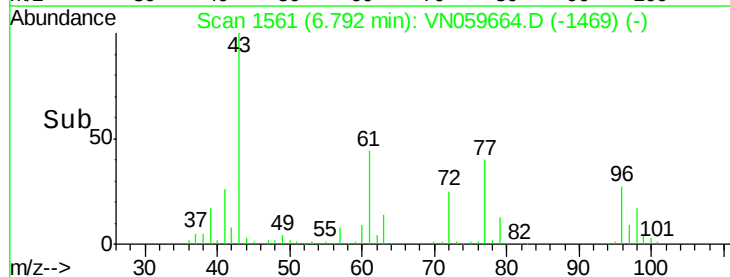
40000

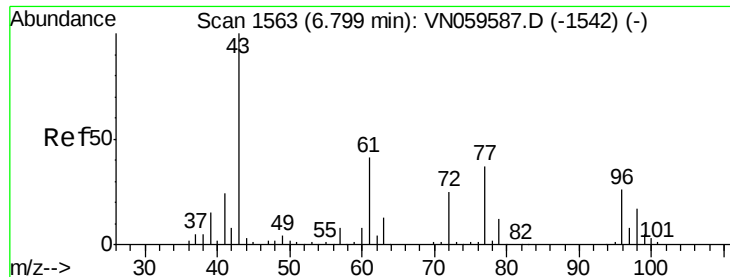
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 60.132 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

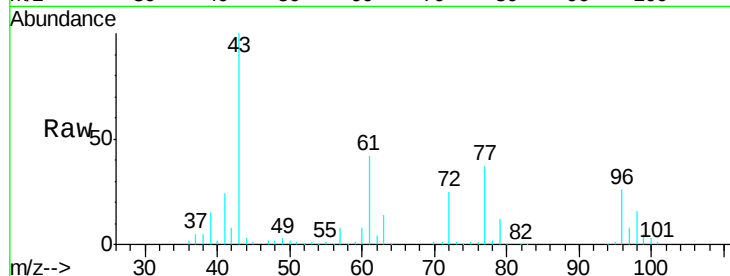
Tgt Ion: 96 Resp: 177149

Ion Ratio Lower Upper

96 100

61 160.6 0.0 317.6

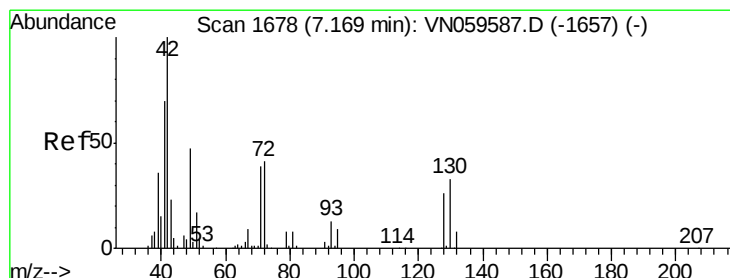
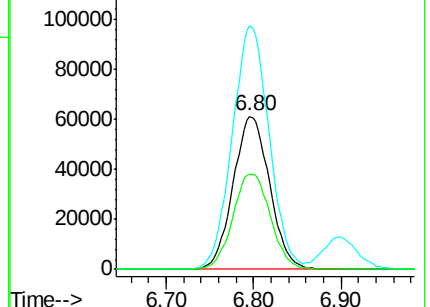
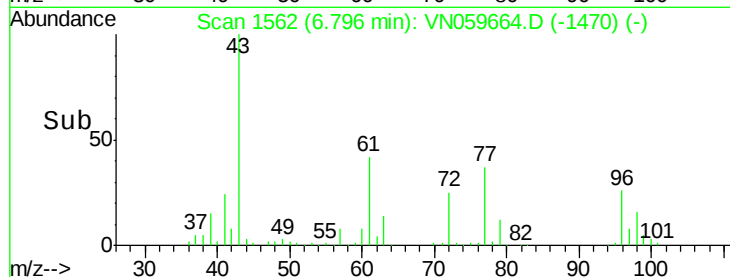
98 64.2 0.0 127.0



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: 53.002 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

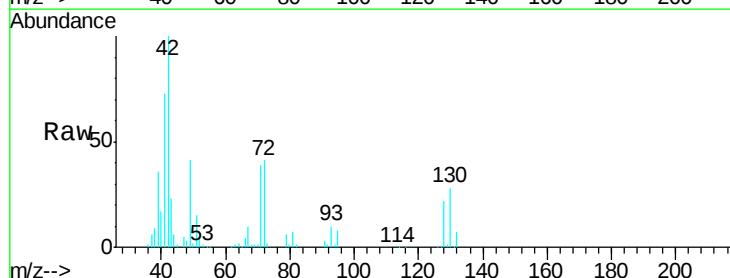
Tgt Ion: 49 Resp: 113932

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

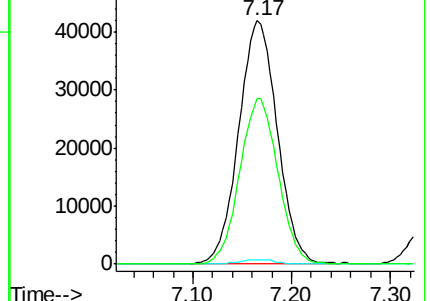
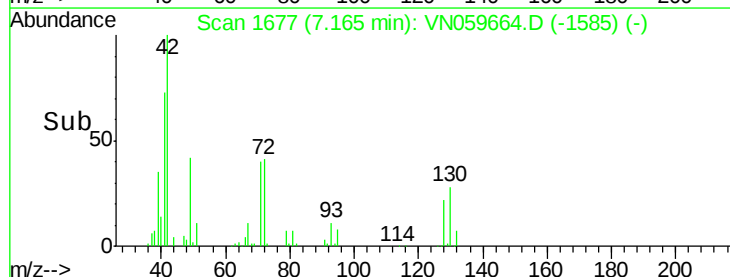
130 67.1 54.7 82.1

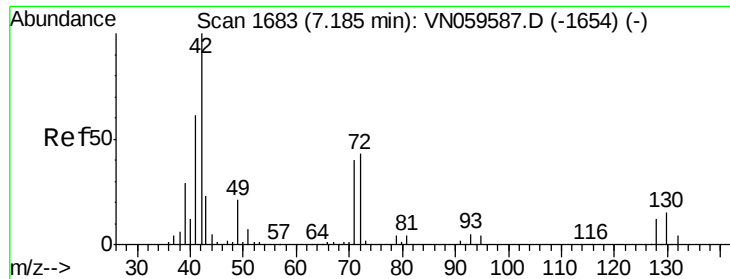


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

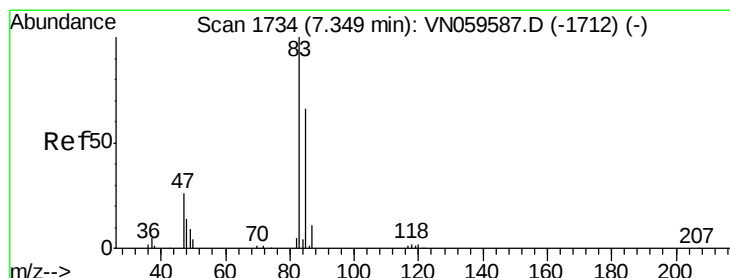
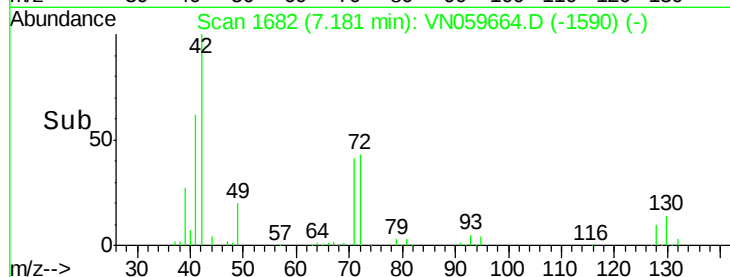
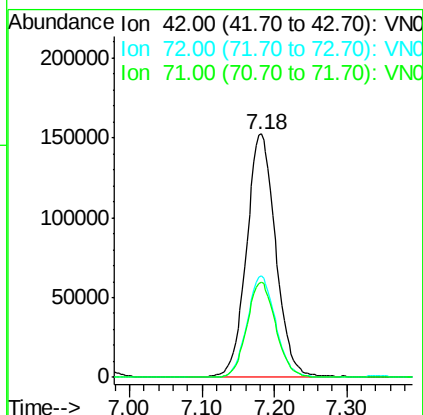
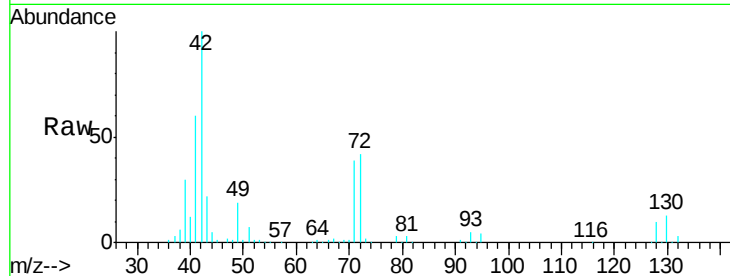




#29
Tetrahydrofuran
Concen: 296.944 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

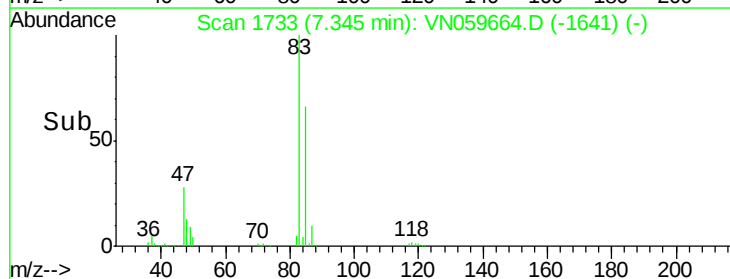
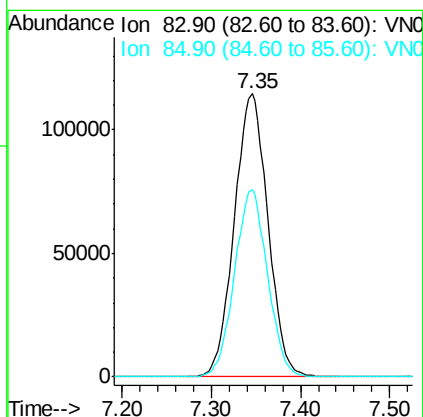
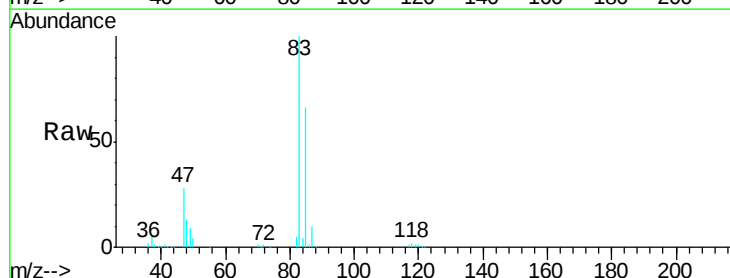
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

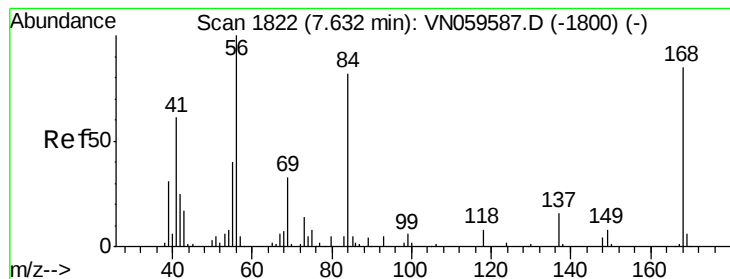
Tgt Ion: 42 Resp: 424989
Ion Ratio Lower Upper
42 100
72 40.9 33.1 49.7
71 38.6 31.4 47.0



#30
Chloroform
Concen: 59.474 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 83 Resp: 299312
Ion Ratio Lower Upper
83 100
85 66.4 52.4 78.6





#31

Cyclohexane

Concen: 56.725 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

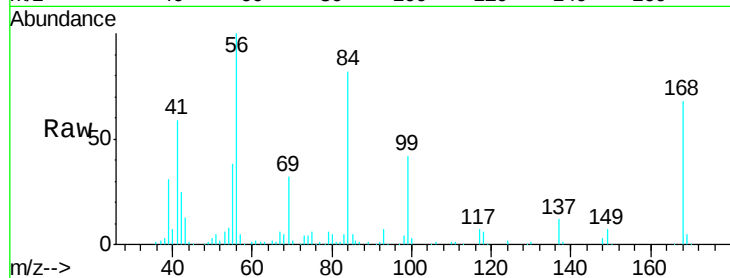
Tgt Ion: 56 Resp: 274037

Ion Ratio Lower Upper

56 100

69 32.1 26.5 39.7

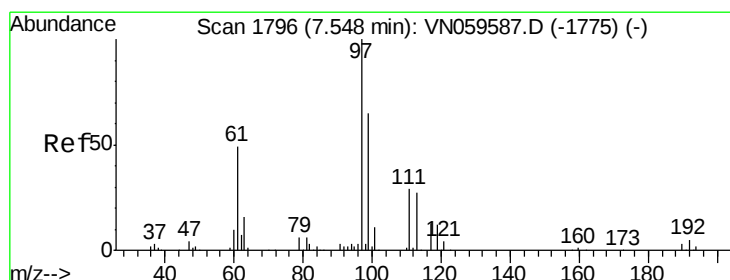
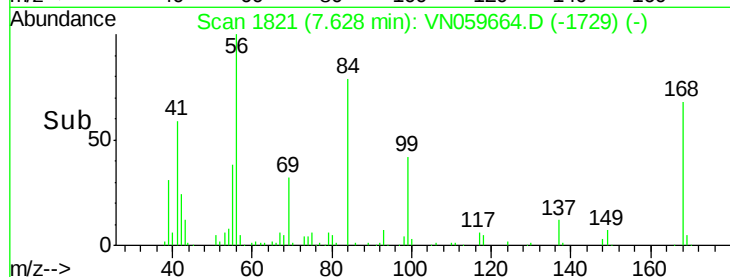
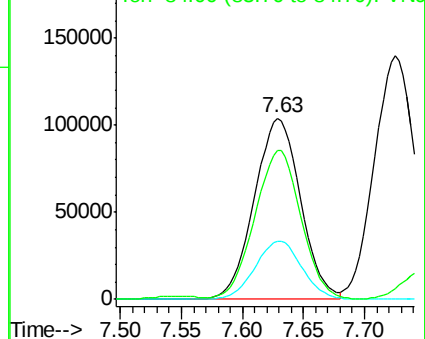
84 80.9 65.3 97.9



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: 57.712 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

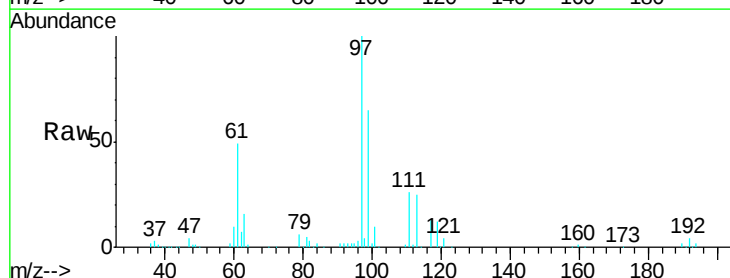
Tgt Ion: 97 Resp: 261851

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

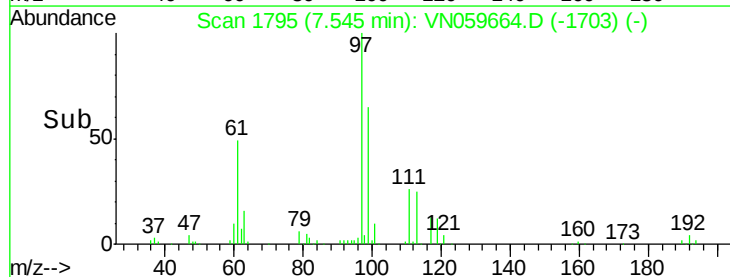
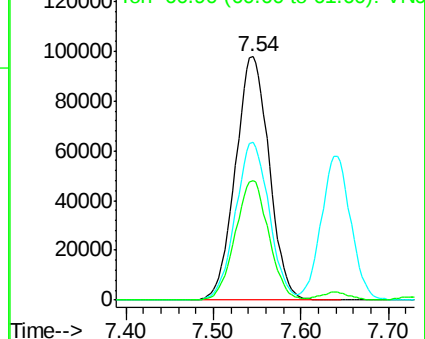
61 48.8 38.5 57.7

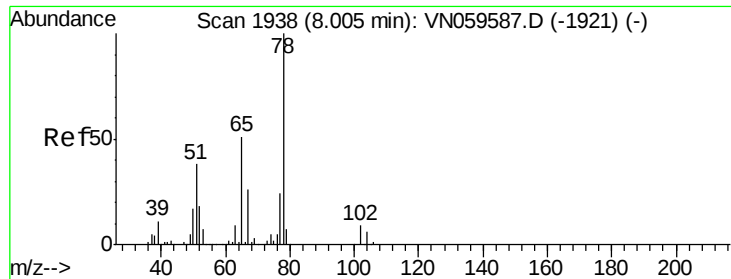


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

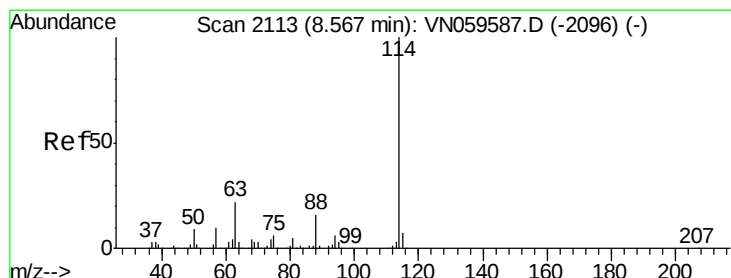
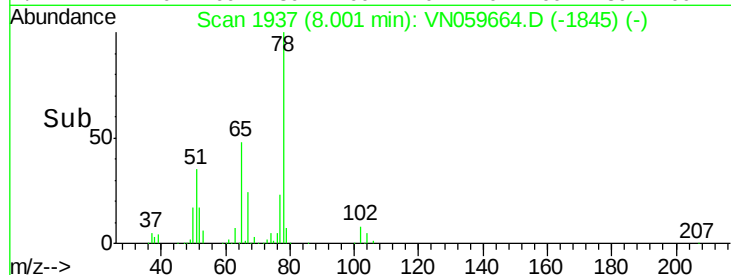
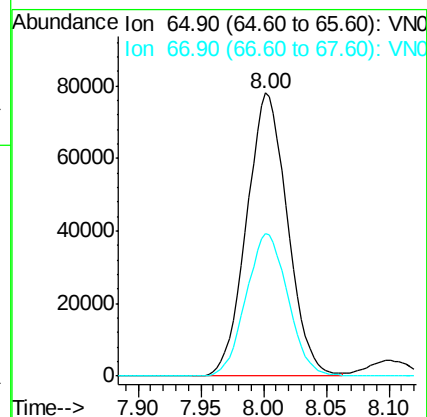
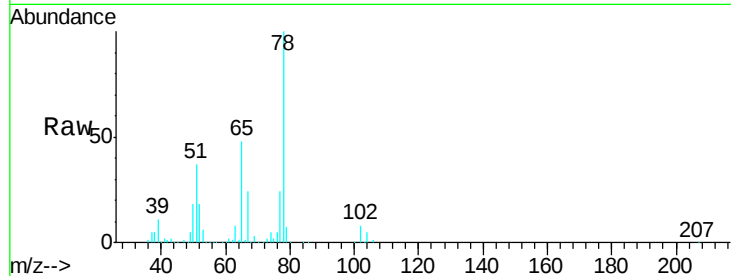
VSTDCCC050

Tgt Ion: 65 Resp: 177340

Ion Ratio Lower Upper

65 100

67 51.5 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: VN059664.D

Acq: 19 Dec 2019 11:46

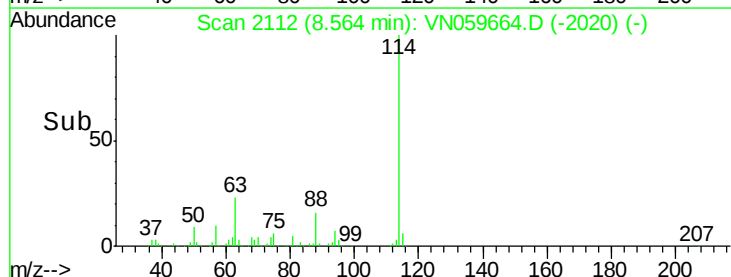
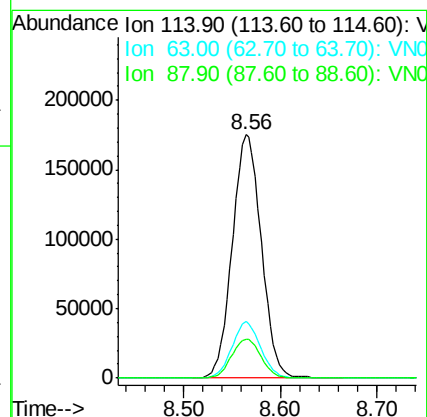
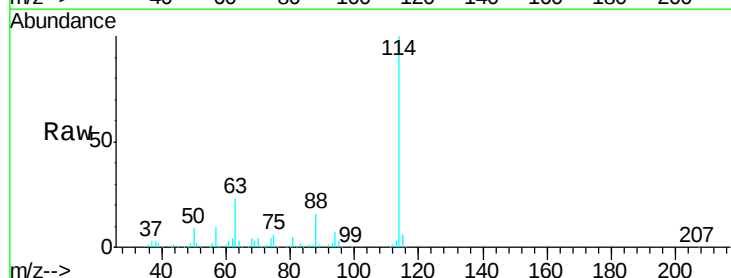
Tgt Ion: 114 Resp: 365682

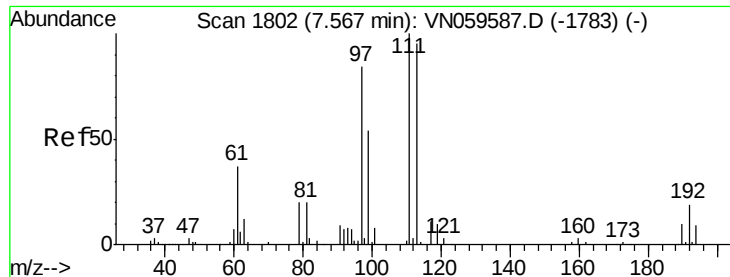
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.860 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

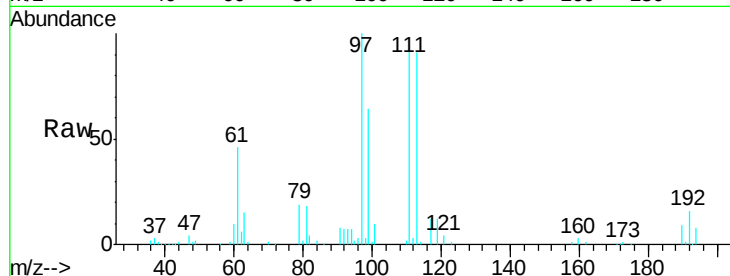
Tgt Ion: 113 Resp: 123232

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

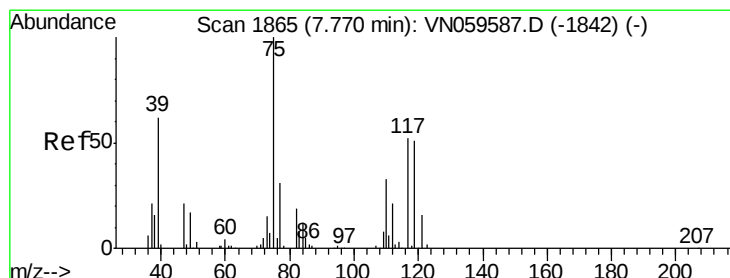
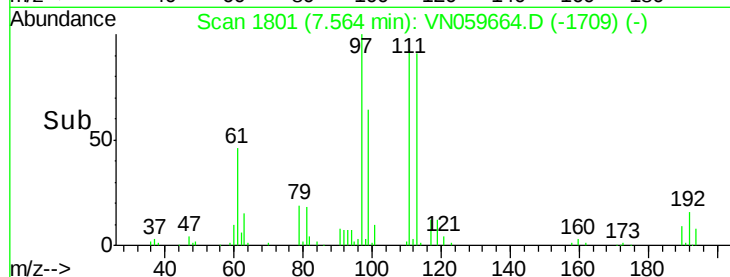
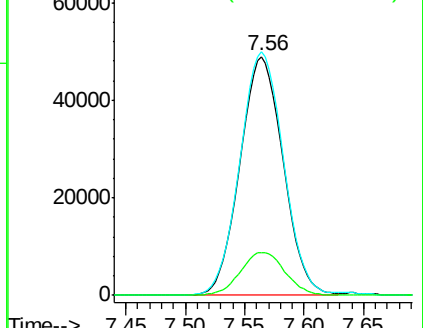
192 18.7 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 60.564 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

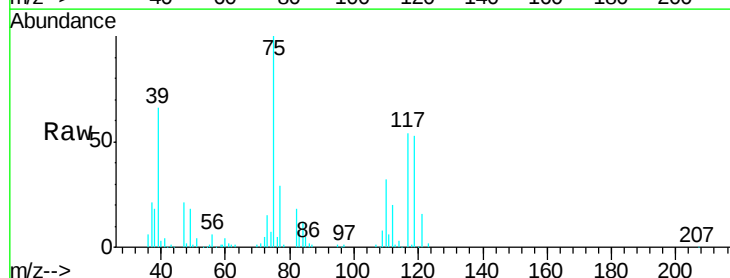
Tgt Ion: 75 Resp: 230962

Ion Ratio Lower Upper

75 100

110 32.3 16.6 49.7

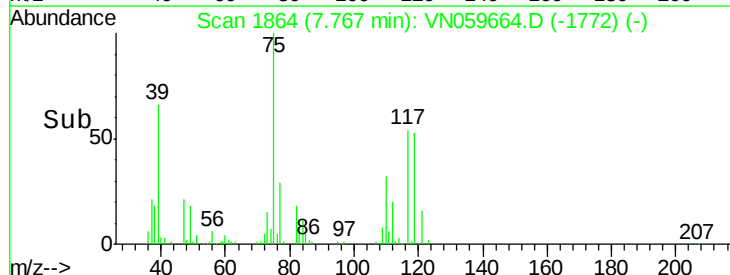
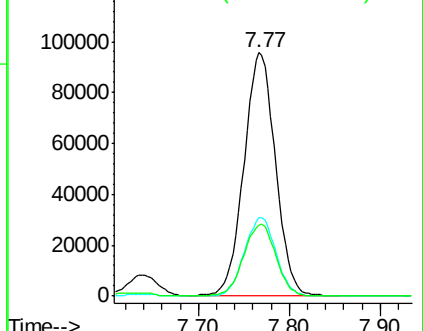
77 30.2 25.1 37.7

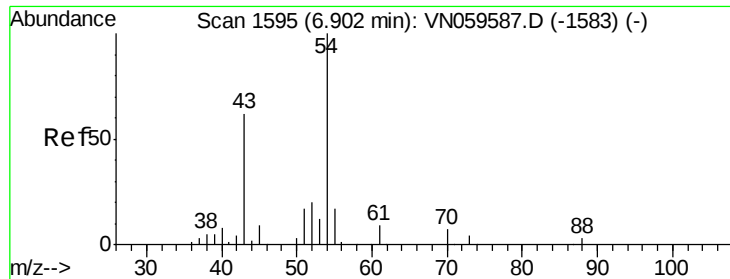


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

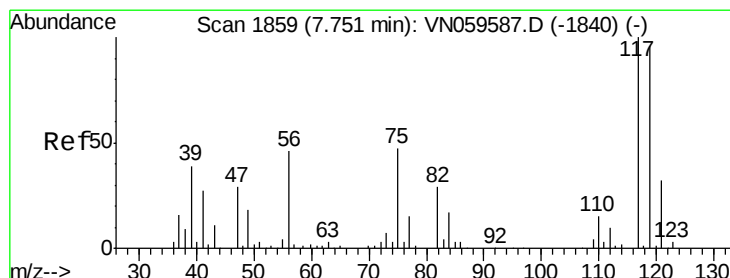
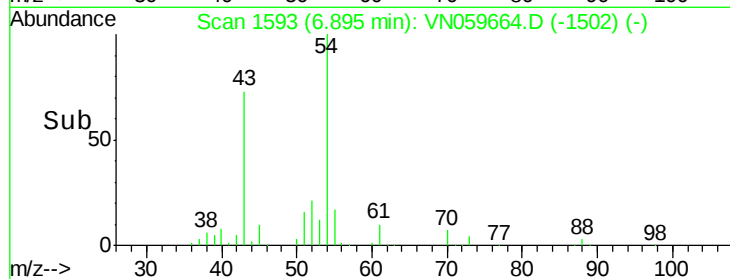
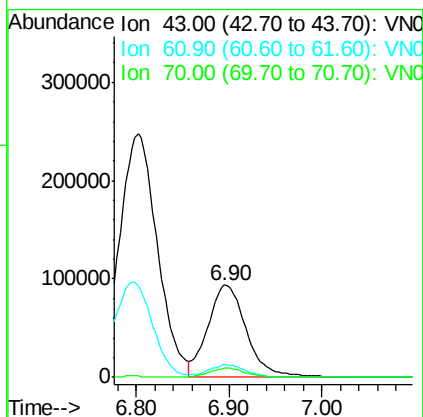
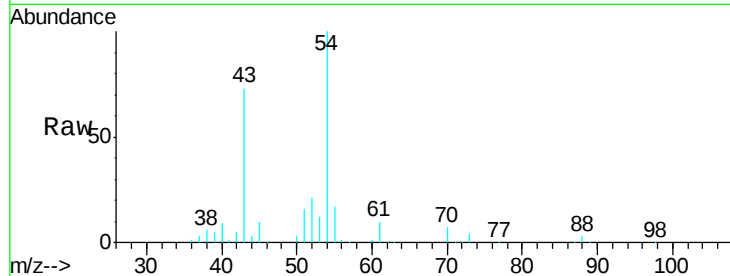




#37
Ethyl Acetate
Concen: 59.944 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

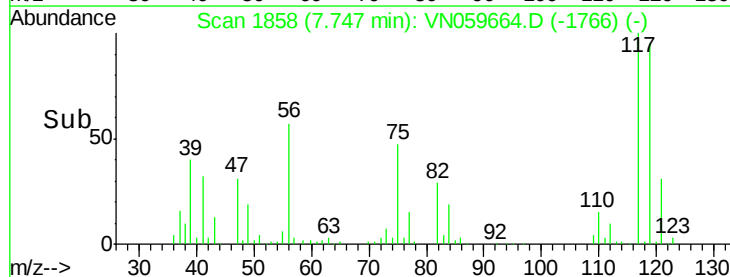
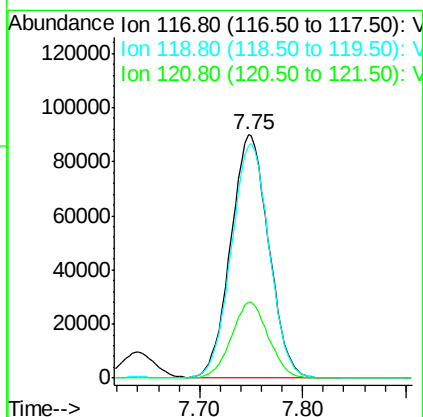
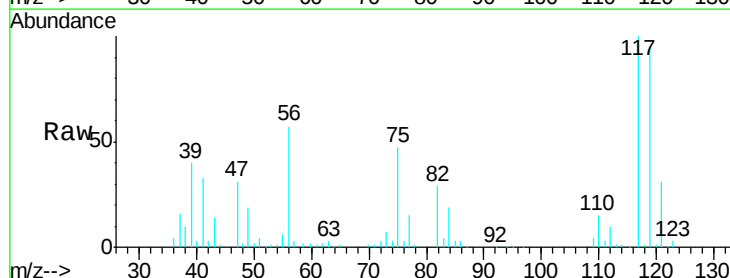
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

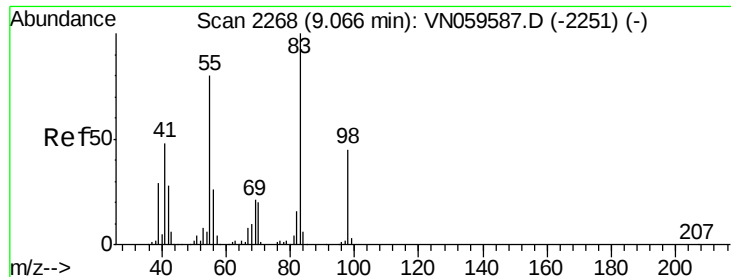
Tgt Ion: 43 Resp: 265691
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 58.075 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 117 Resp: 229813
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 31.2 25.1 37.7

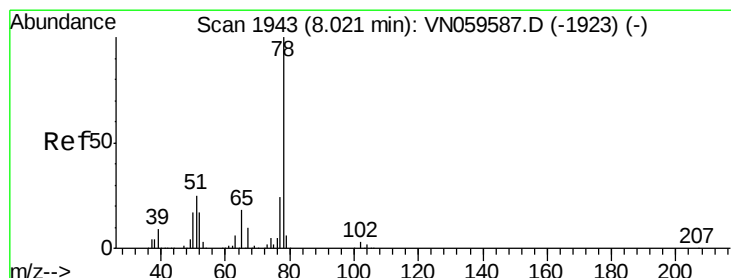
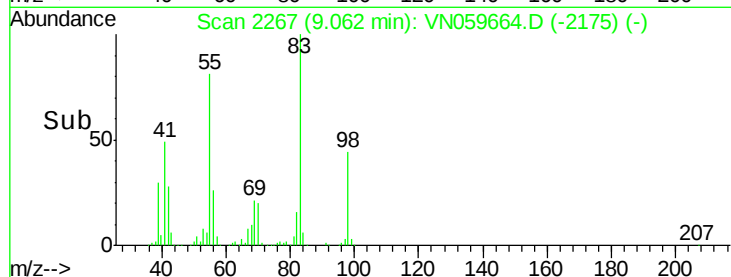
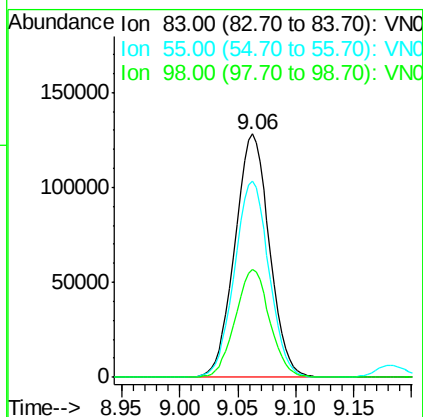
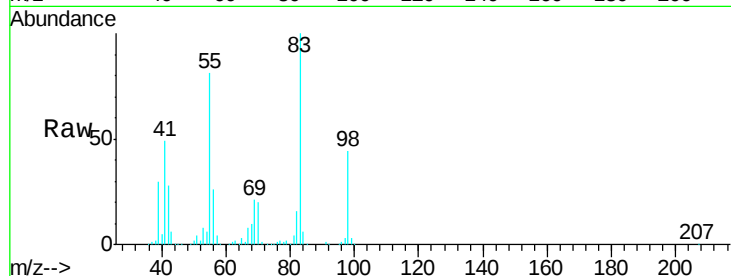




#39
Methylcyclohexane
Concen: 61.241 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

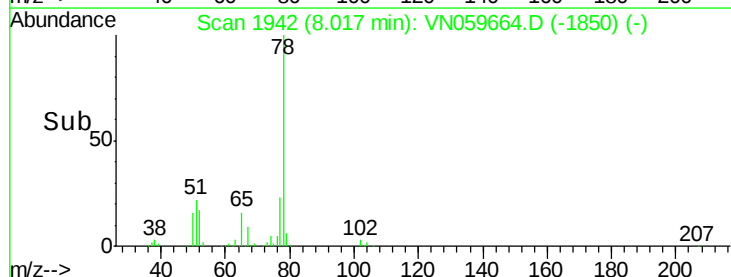
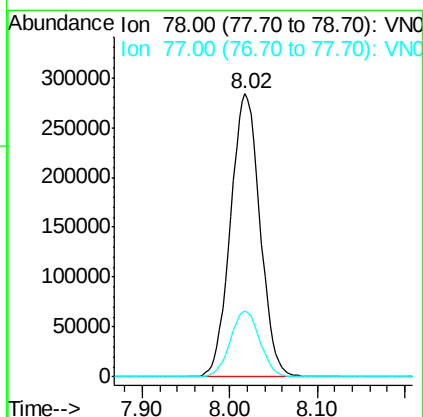
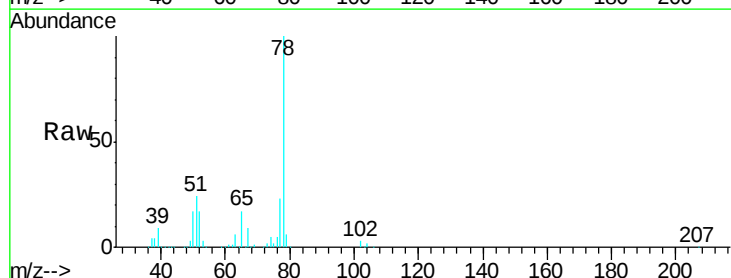
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

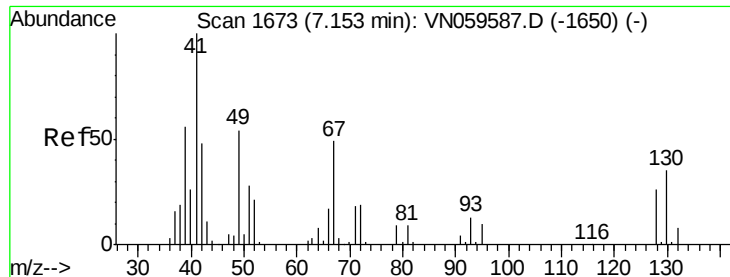
Tgt Ion: 83 Resp: 264906
Ion Ratio Lower Upper
83 100
55 80.7 64.2 96.2
98 44.5 35.9 53.9



#40
Benzene
Concen: 59.581 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 78 Resp: 664002
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41

Methacrylonitrile

Concen: 210.266 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.03 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

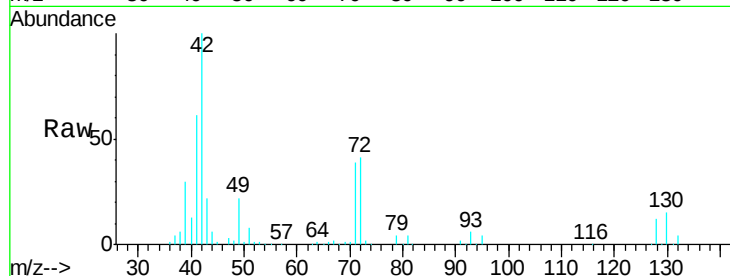
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 384624

Ion	Ratio	Lower	Upper
41	100		
39	27.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

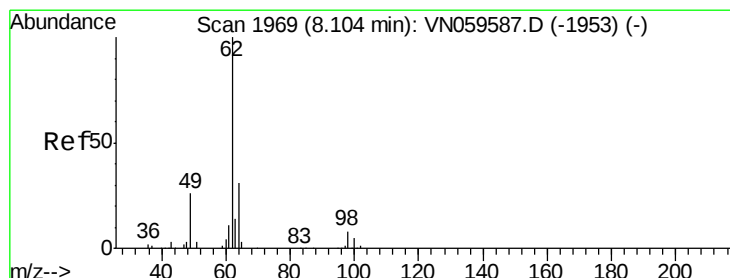
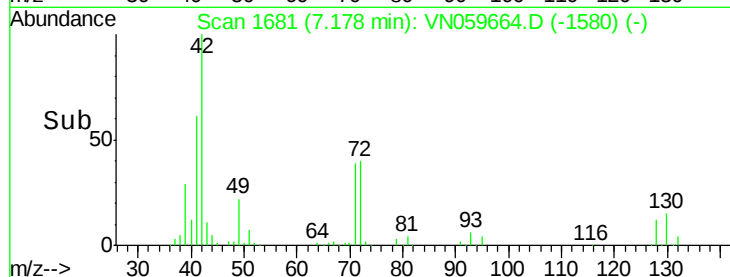
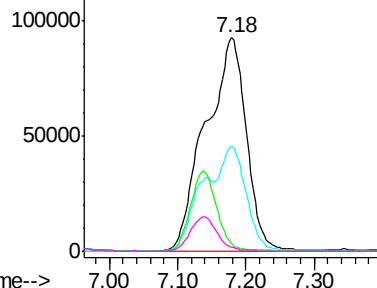


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 59.707 ug/l

RT: 8.10 min Scan# 1968

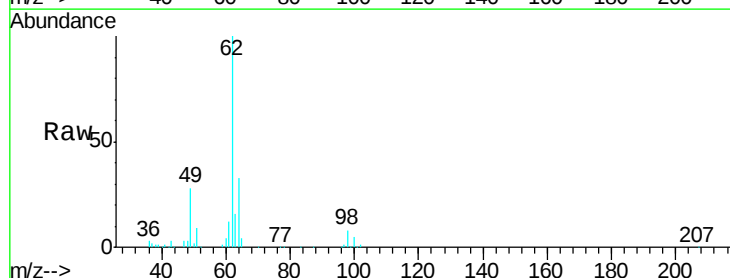
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

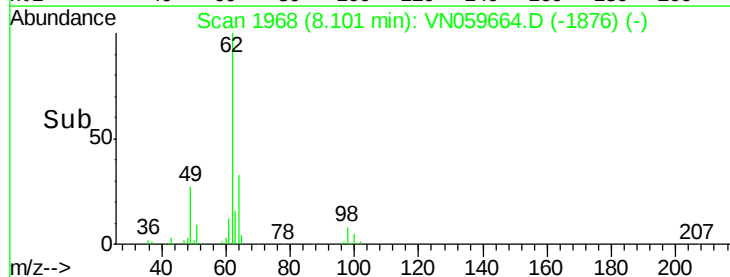
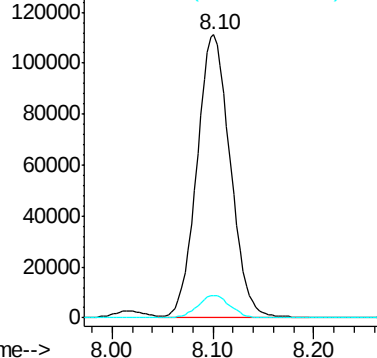
Tgt Ion: 62 Resp: 254827

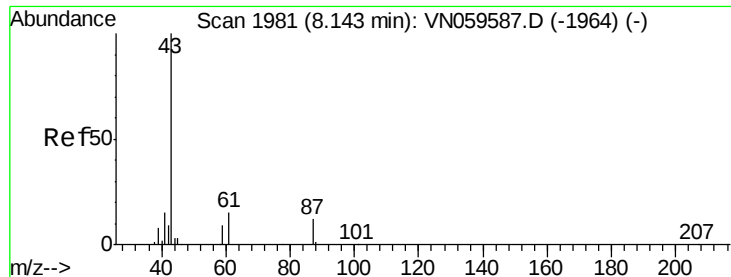
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

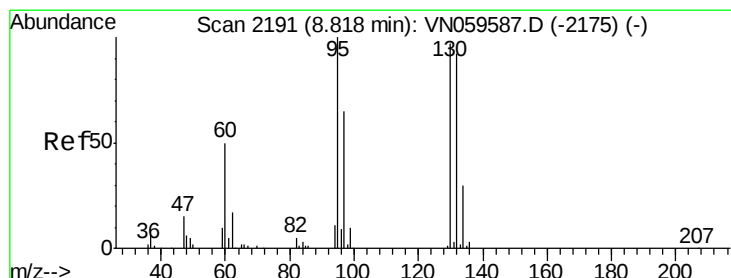
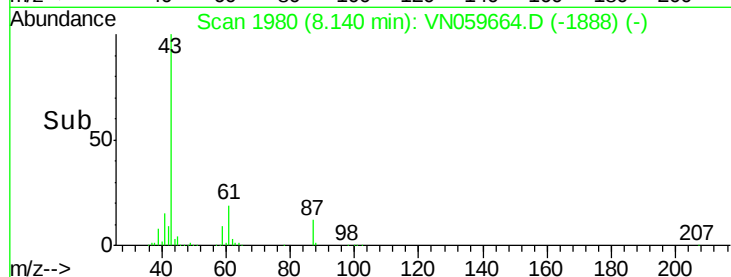
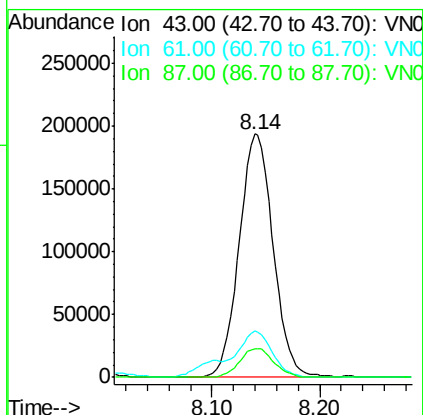
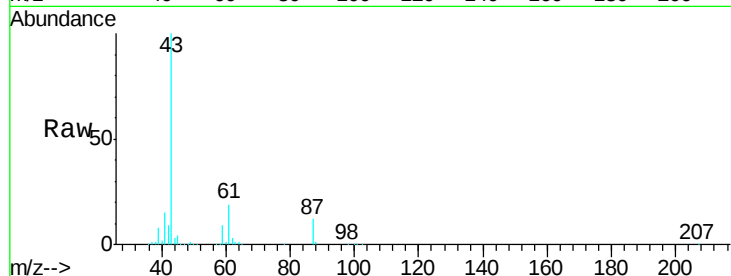




#43
Isopropyl Acetate
Concen: 61.368 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

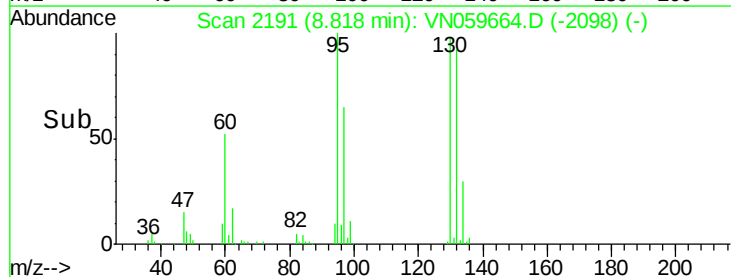
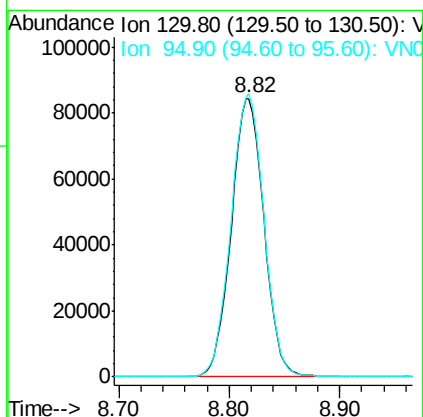
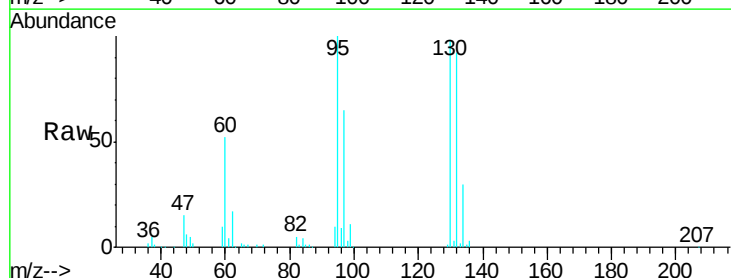
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

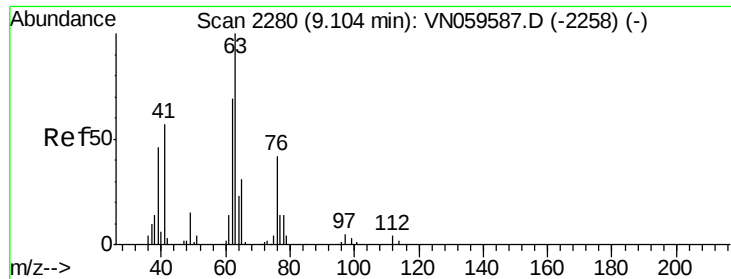
Tgt Ion: 43 Resp: 422890
Ion Ratio Lower Upper
43 100
61 18.7 20.2 30.2#
87 11.9 9.5 14.3



#44
Trichloroethene
Concen: 59.309 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 130 Resp: 173131
Ion Ratio Lower Upper
130 100
95 101.7 0.0 207.0

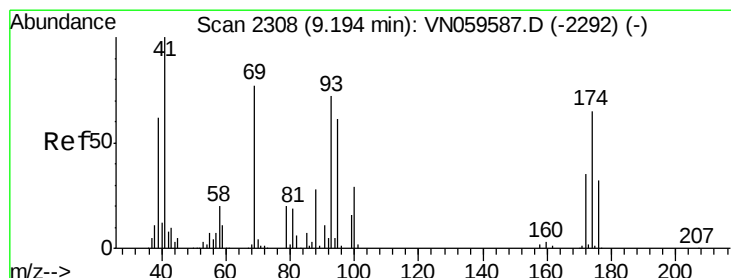
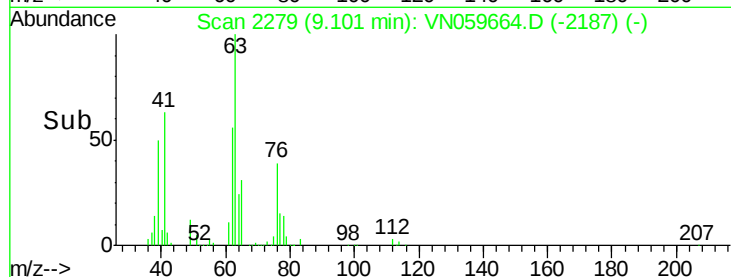
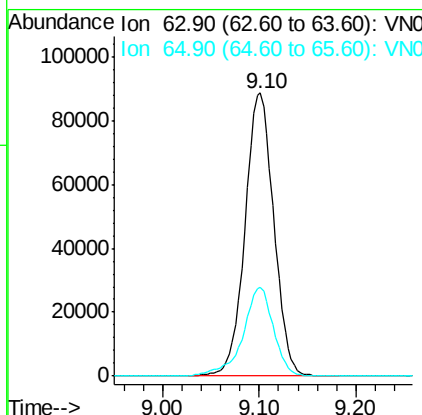
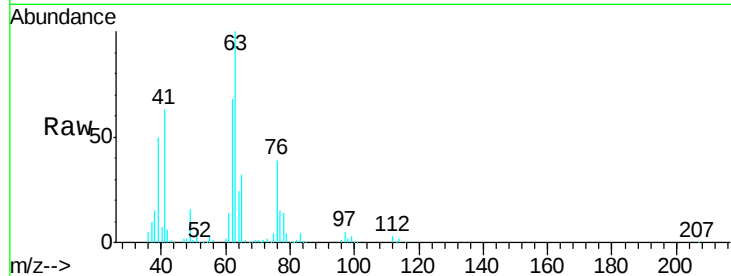




#45
 1,2-Dichloropropane
 Concen: 60.950 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

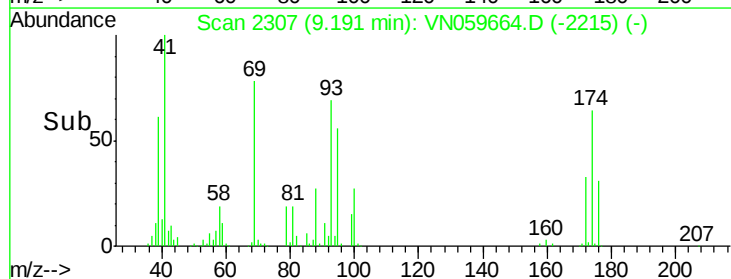
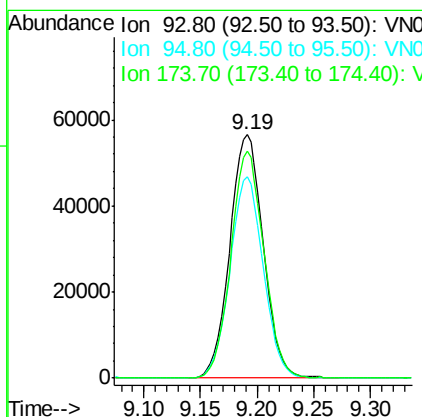
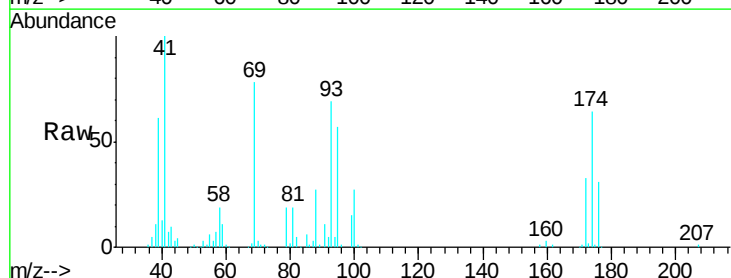
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

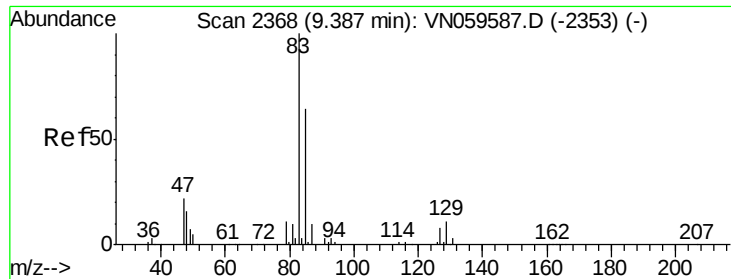
Tgt Ion: 63 Resp: 183427
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3



#46
 Dibromomethane
 Concen: 59.019 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion: 93 Resp: 116364
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.6
 174 91.9 73.4 110.2





#47

Bromodichloromethane

Concen: 60.984 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

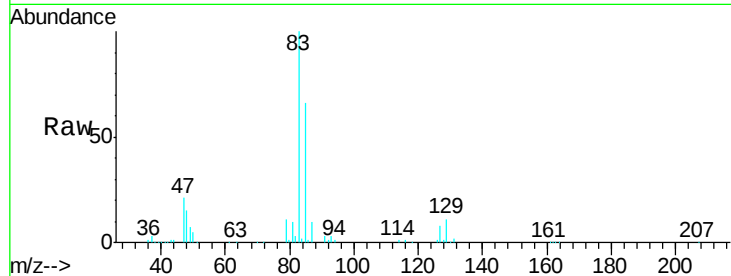
Tgt Ion: 83 Resp: 239726

Ion Ratio Lower Upper

83 100

85 65.9 51.1 76.7

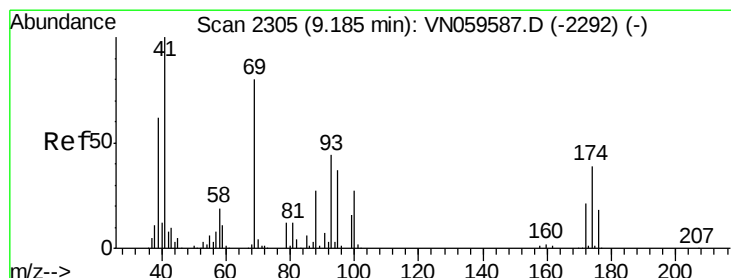
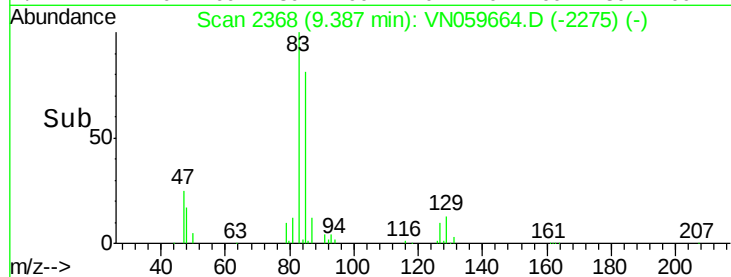
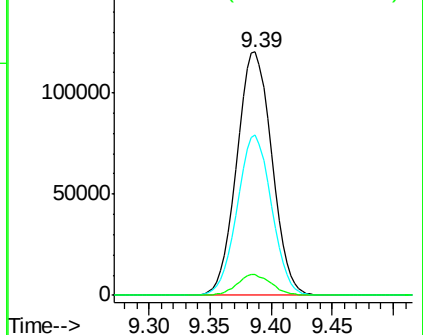
127 8.3 6.6 9.8



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: 61.954 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

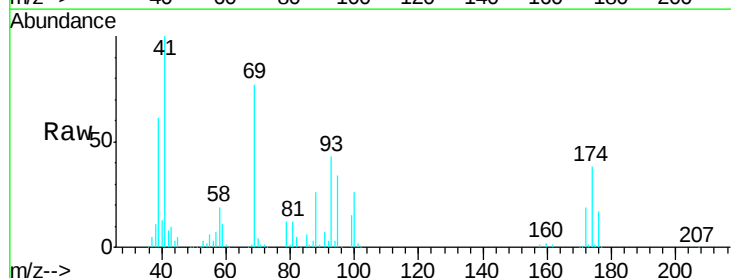
Tgt Ion: 41 Resp: 193699

Ion Ratio Lower Upper

41 100

69 79.3 64.4 96.6

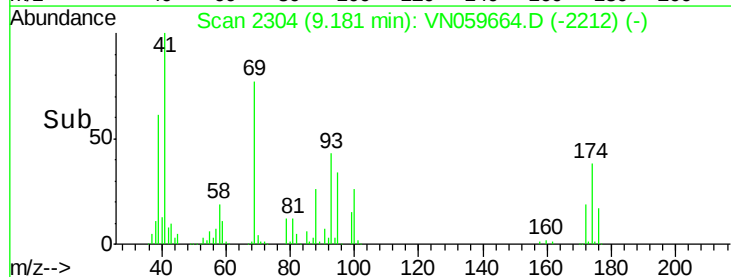
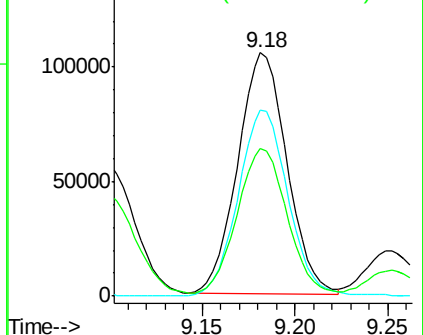
39 63.0 51.3 76.9

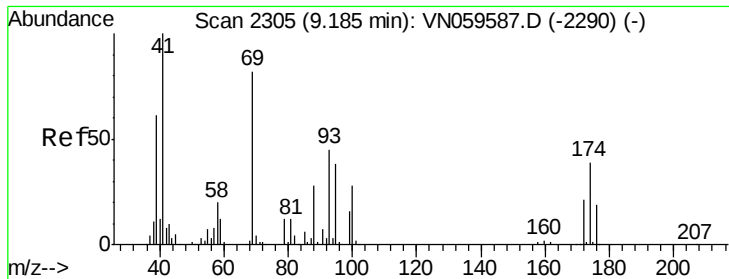


Abundance Ion 41.00 (40.70 to 41.70): VN059587.D (-2292) (-)

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

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

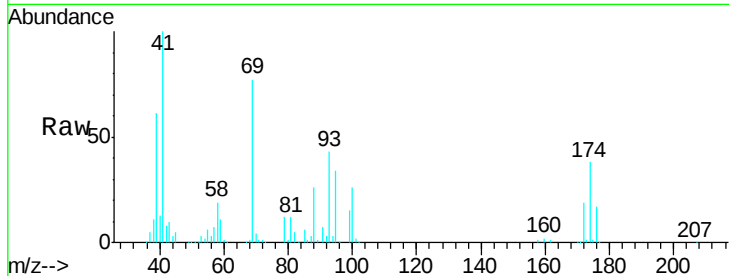




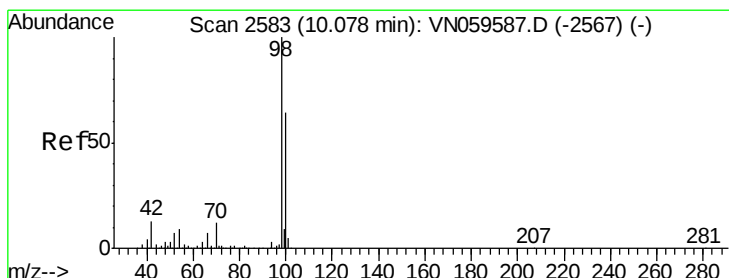
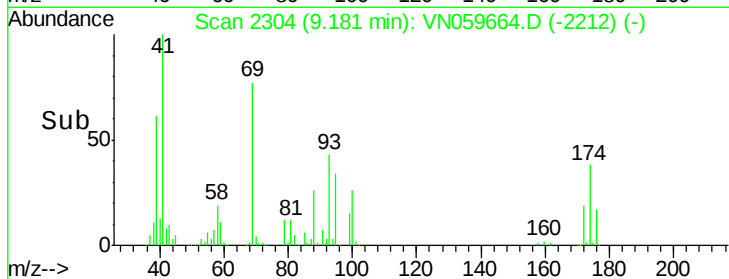
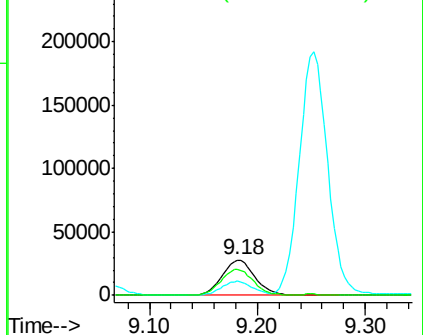
#49
 1,4-Dioxane
 Concen: 1319.940 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 59139
 Ion Ratio Lower Upper
 88 100
 43 38.1 29.7 44.5
 58 73.1 56.6 85.0

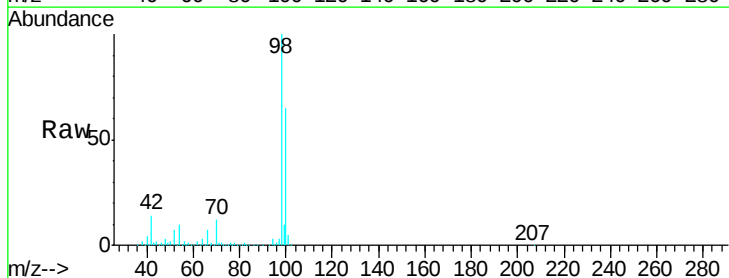


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

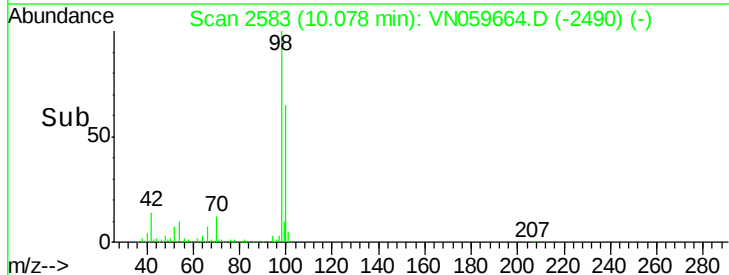
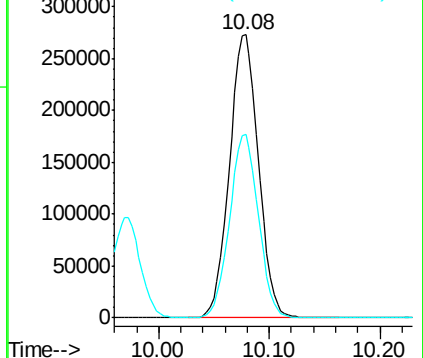


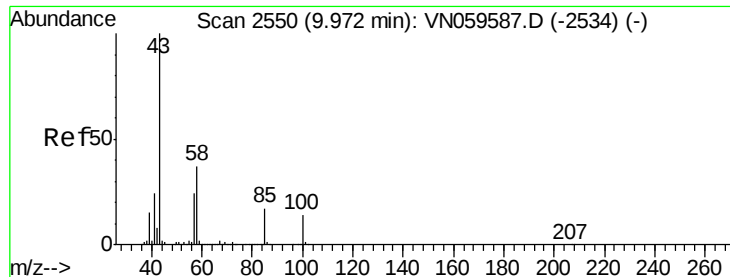
#50
 Toluene-d8
 Concen: 54.907 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion: 98 Resp: 497380
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

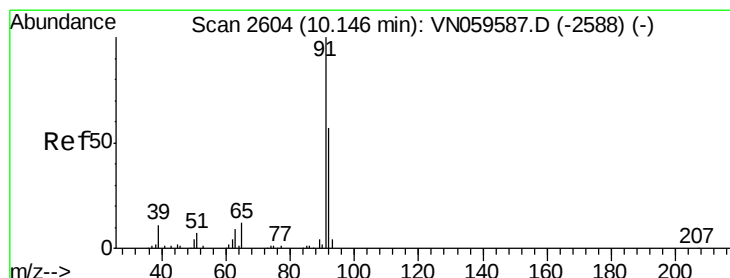
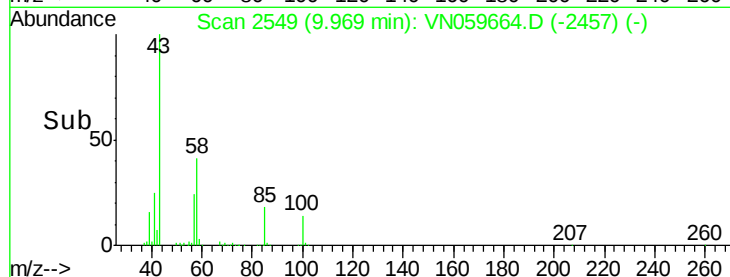
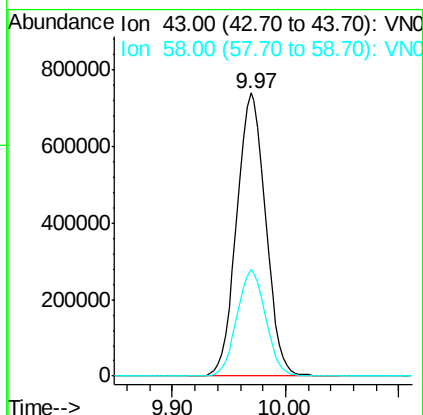
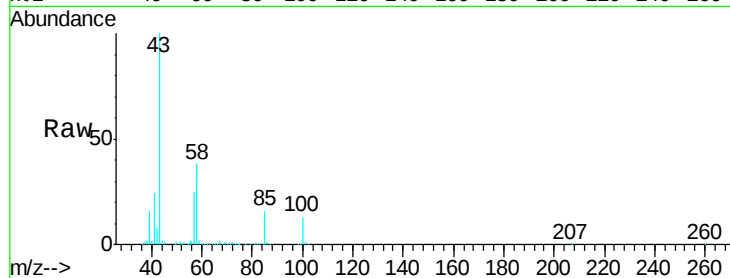




#51
 4-Methyl-2-Pentanone
 Concen: 322.174 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

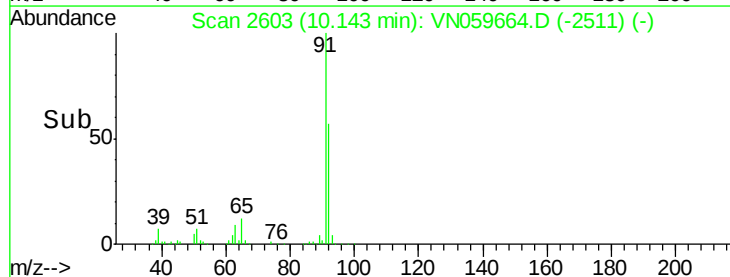
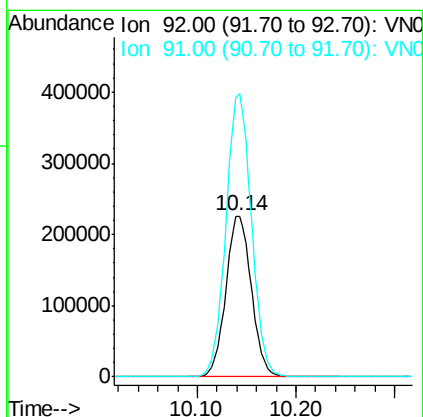
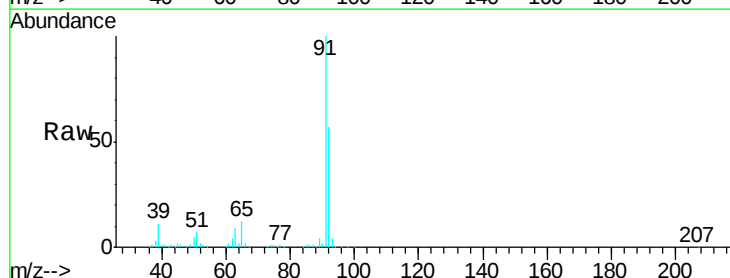
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

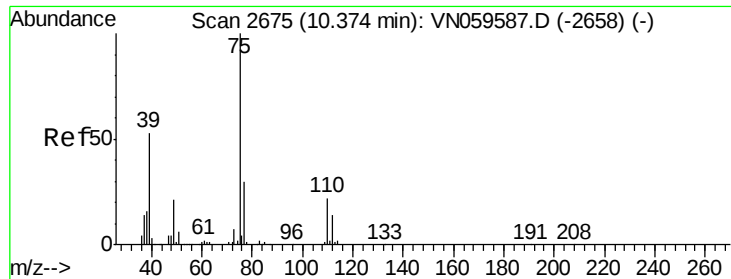
Tgt Ion: 43 Resp: 1323695
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.8



#52
 Toluene
 Concen: 59.432 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion: 92 Resp: 406967
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 61.281 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

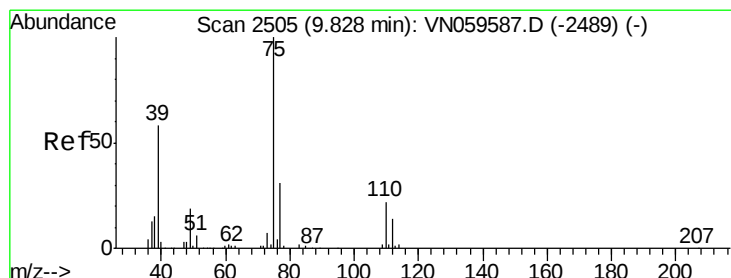
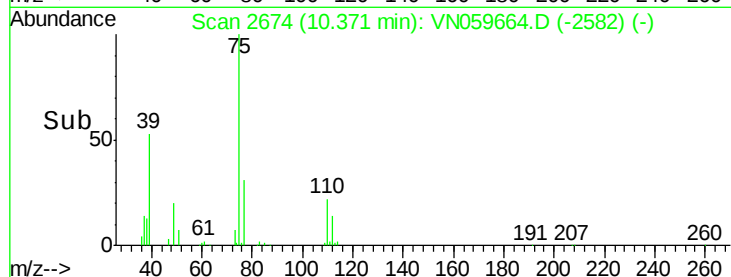
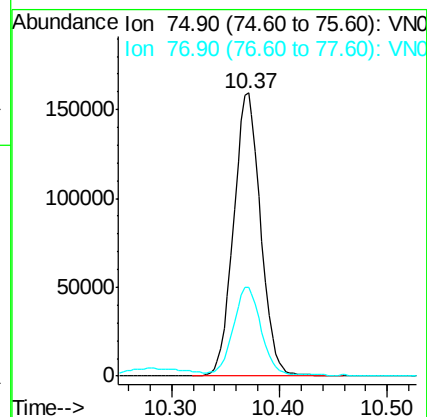
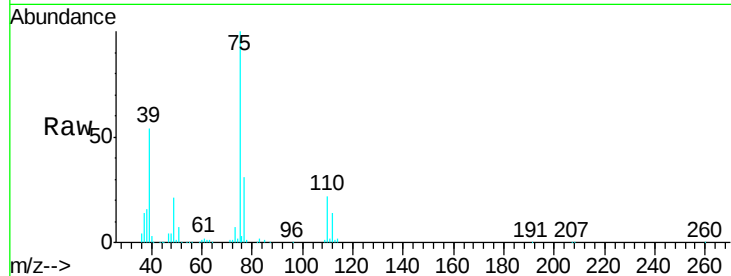
VSTDCCC050

Tgt Ion: 75 Resp: 278598

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 61.318 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

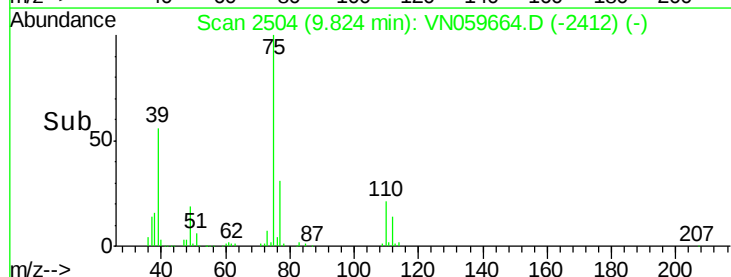
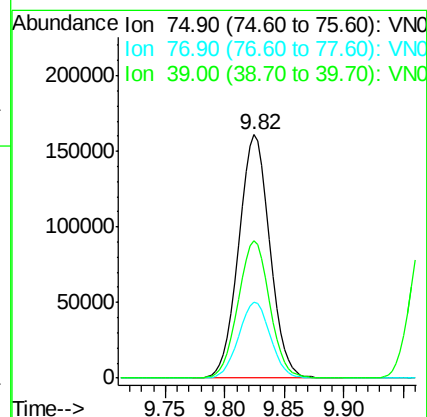
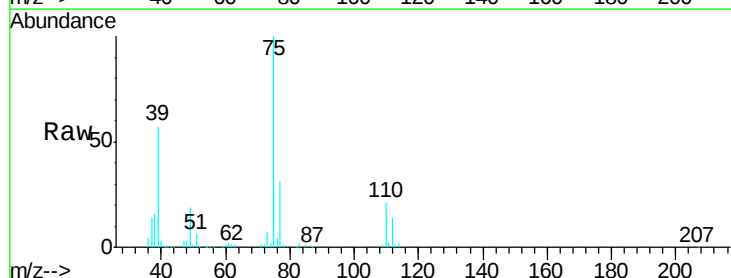
Tgt Ion: 75 Resp: 293031

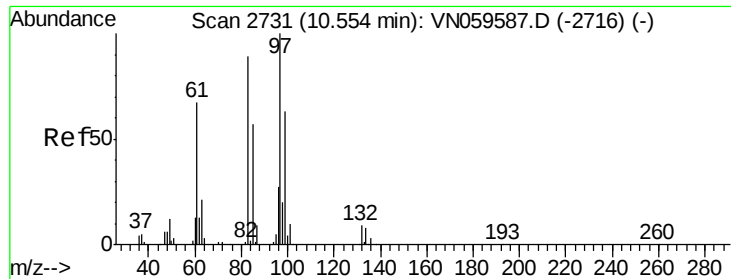
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 56.4 46.1 69.1

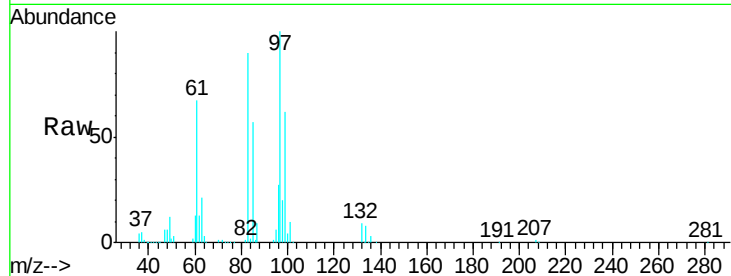




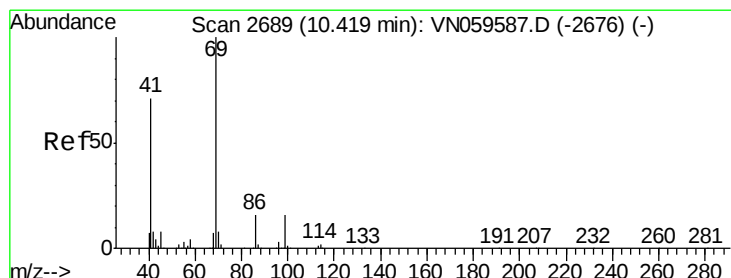
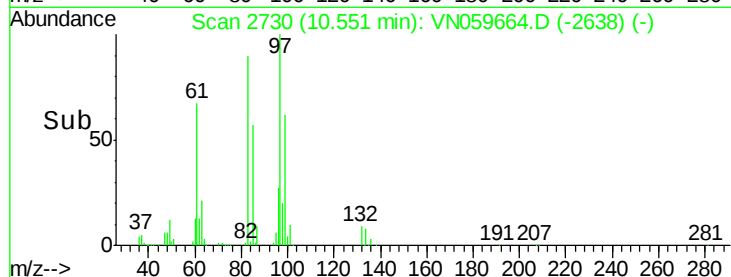
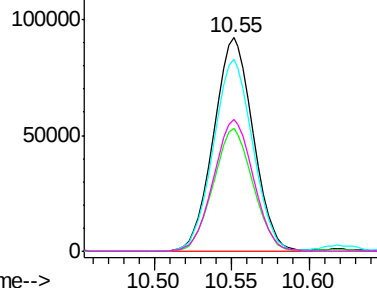
#55
 1,1,2-Trichloroethane
 Concen: 60.930 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	163721
Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.3	106.9
85	57.4	45.8	68.8
99	61.6	50.0	75.0

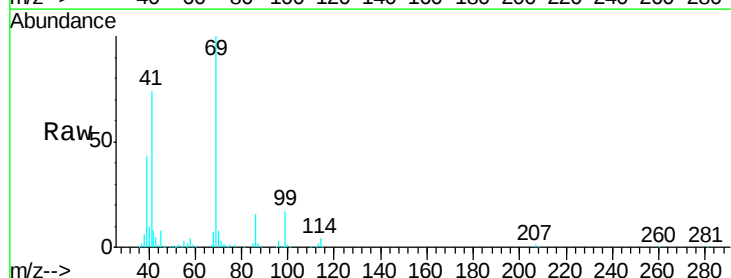


Abundance Ion 96.90 (96.60 to 97.60): VN059587.D (-2716) (-)

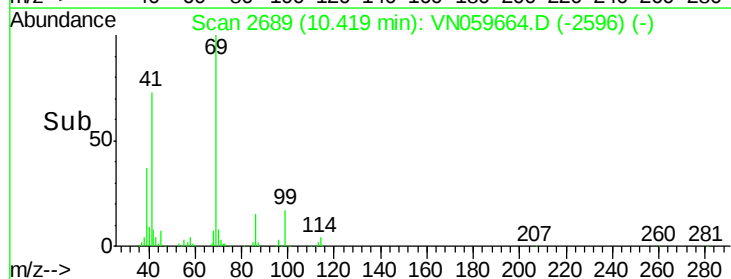
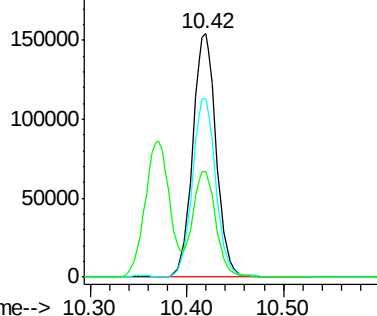


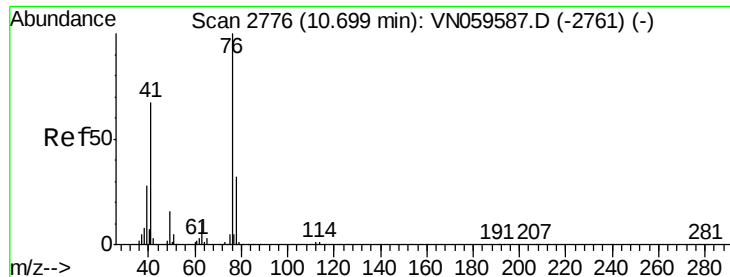
#56
 Ethyl methacrylate
 Concen: 64.700 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion:	69	Resp:	258088
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.1	85.7
39	43.5	34.7	52.1



Abundance Ion 69.00 (68.70 to 69.70): VN059587.D (-2676) (-)





#57

1,3-Dichloropropane

Concen: 61.996 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

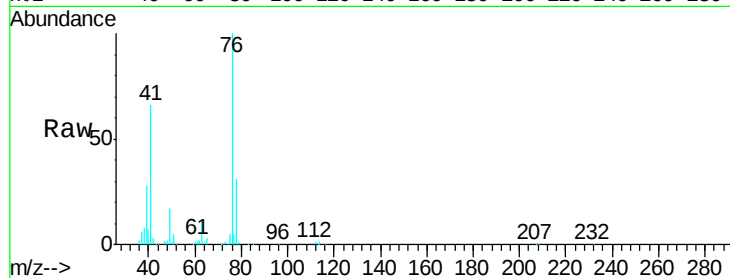
VSTDCCC050

Tgt Ion: 76 Resp: 290050

Ion Ratio Lower Upper

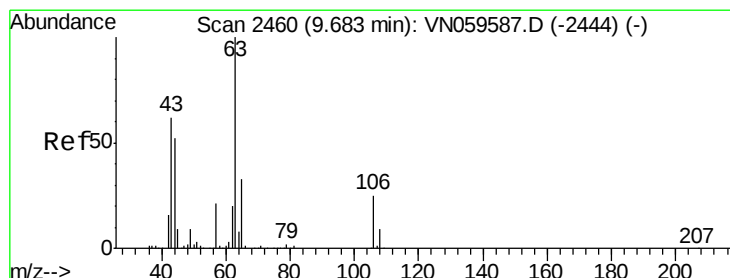
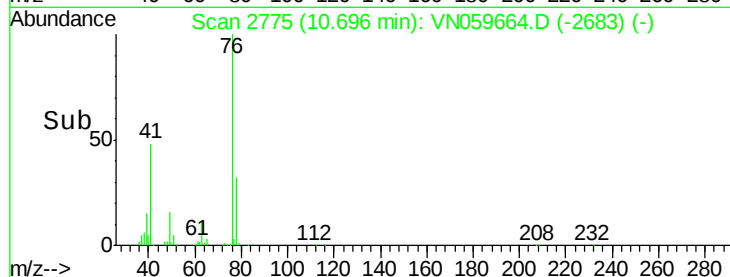
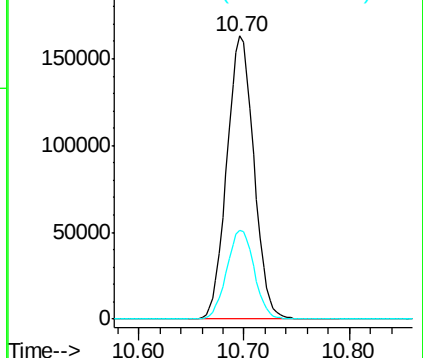
76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 139.772 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059664.D

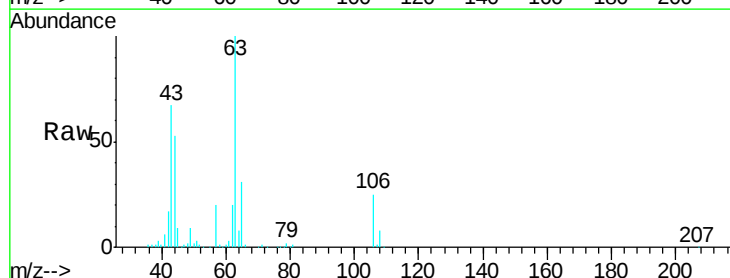
Acq: 19 Dec 2019 11:46

Tgt Ion: 63 Resp: 177324

Ion Ratio Lower Upper

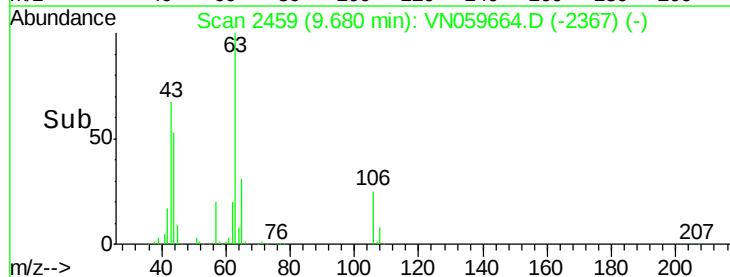
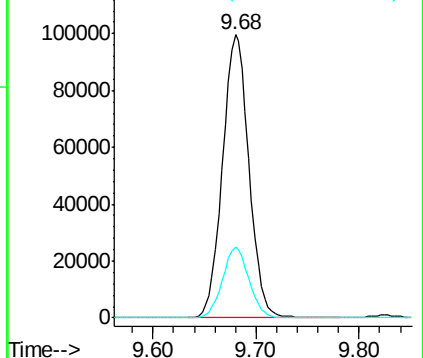
63 100

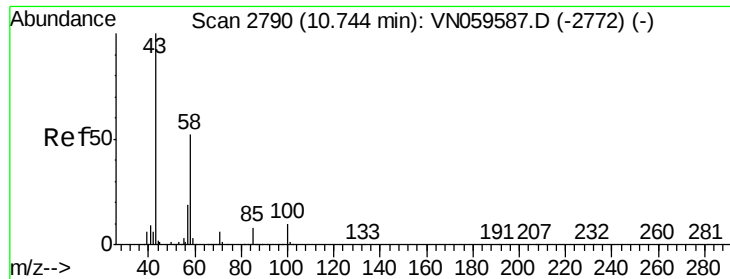
106 25.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

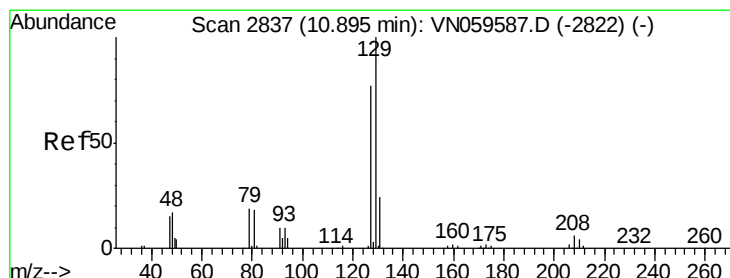
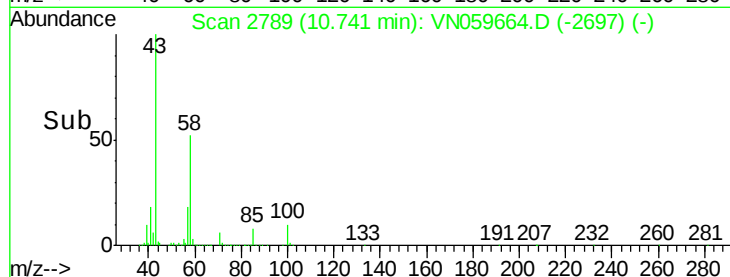
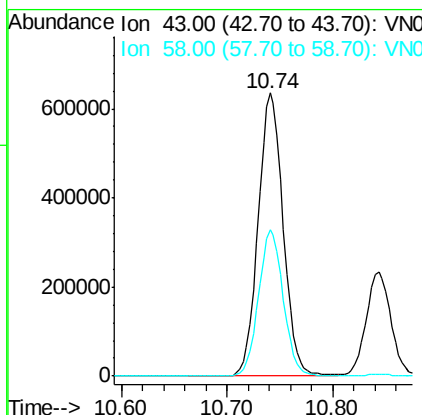
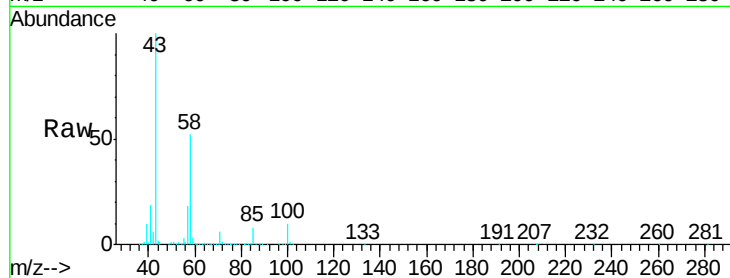




#59
2-Hexanone
Concen: 325.012 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

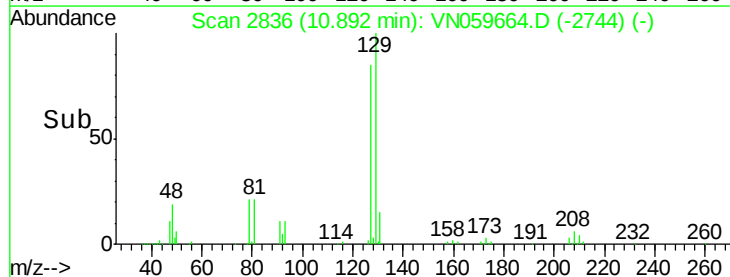
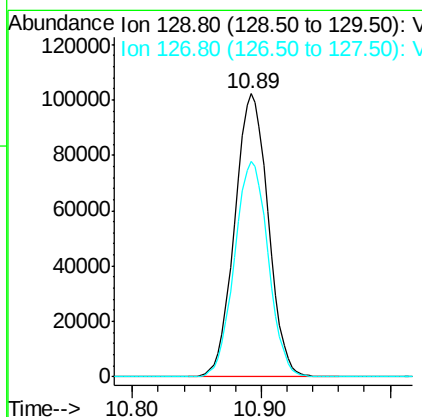
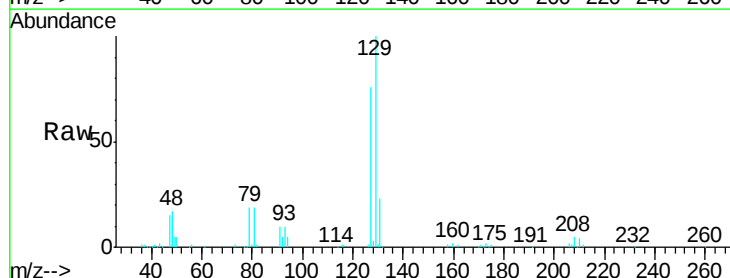
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

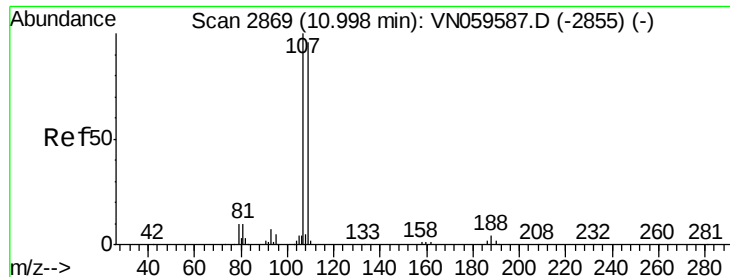
Tgt Ion: 43 Resp: 1052435
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.3



#60
Dibromochloromethane
Concen: 62.904 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 129 Resp: 184478
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

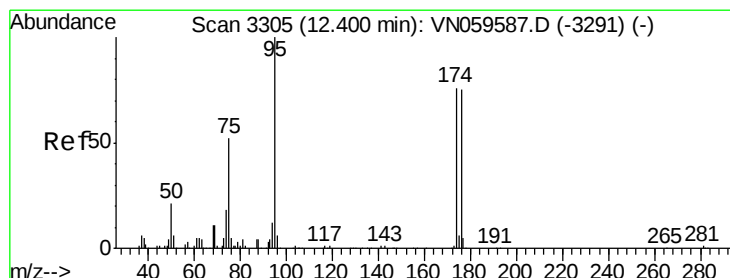
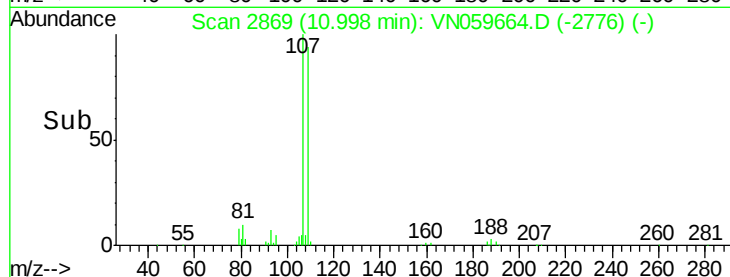
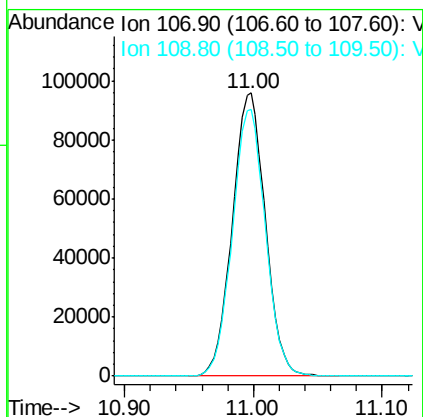
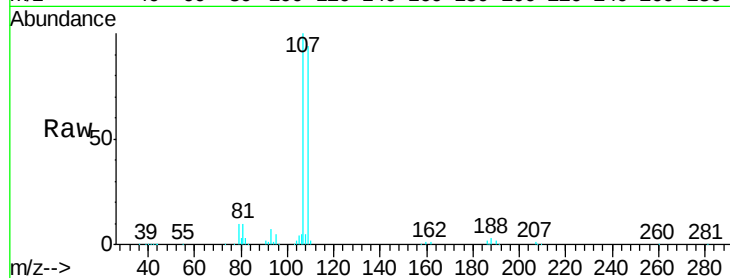




#61
1,2-Dibromoethane
Concen: 59.638 ug/l
RT: 11.00 min Scan# 2869
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

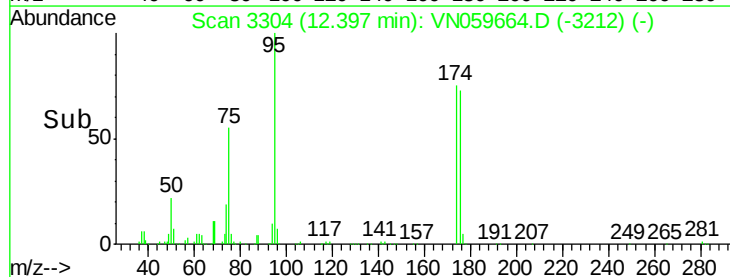
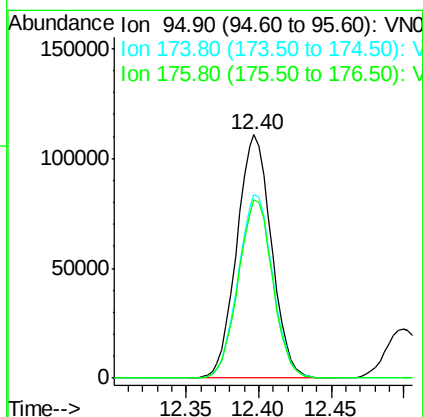
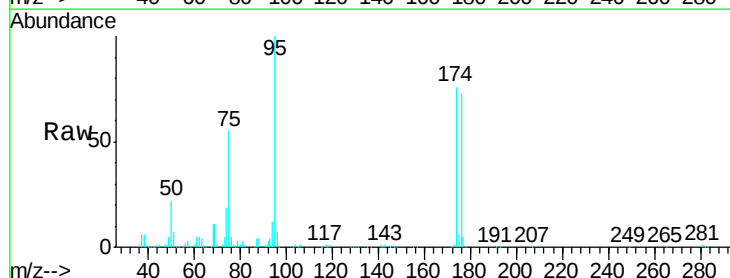
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

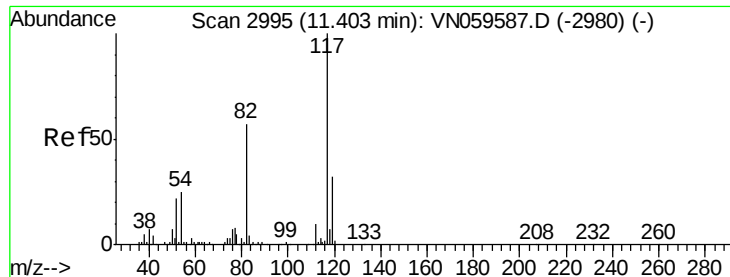
Tgt Ion: 107 Resp: 169952
Ion Ratio Lower Upper
107 100
109 94.5 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 55.635 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 95 Resp: 183898
Ion Ratio Lower Upper
95 100
174 75.4 0.0 151.4
176 72.7 0.0 146.0

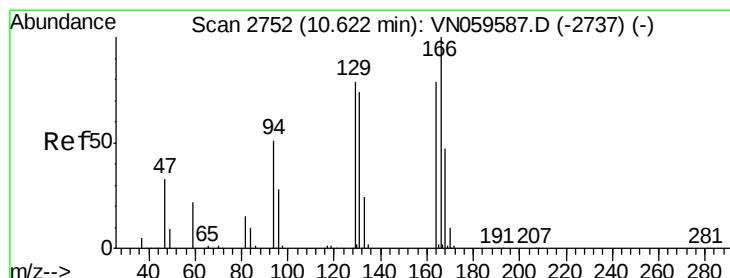
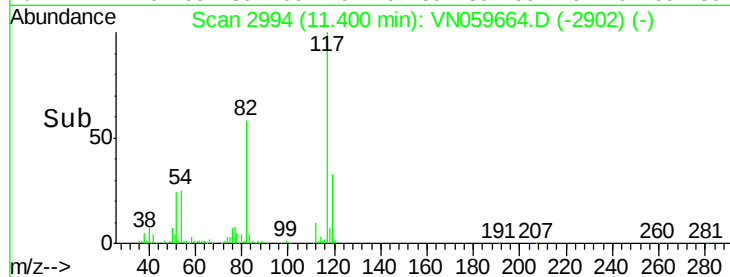
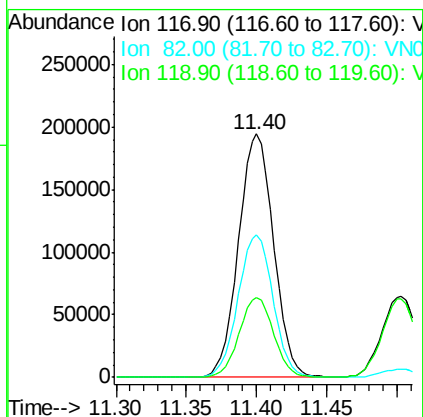
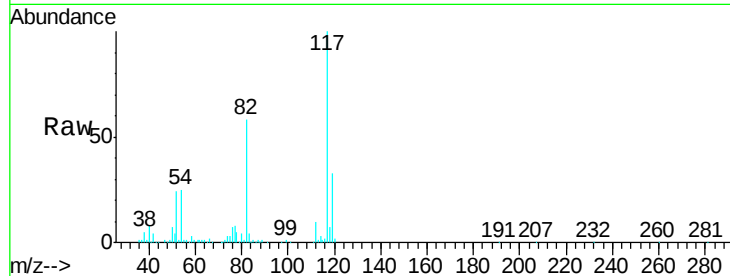




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

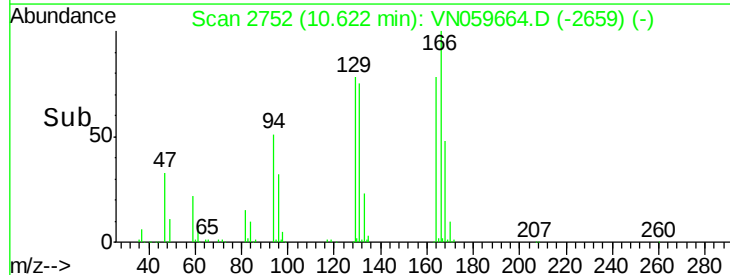
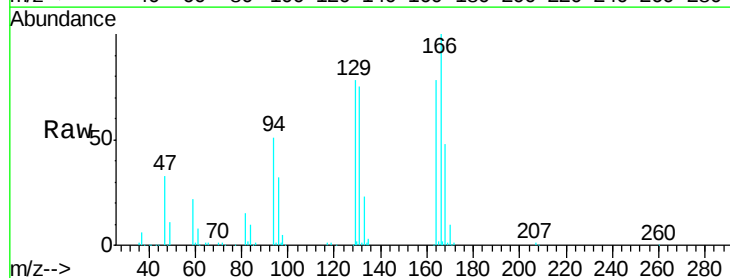
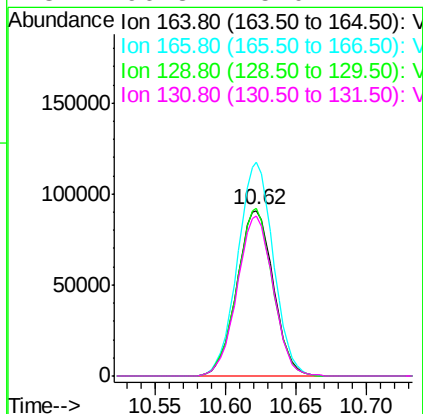
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

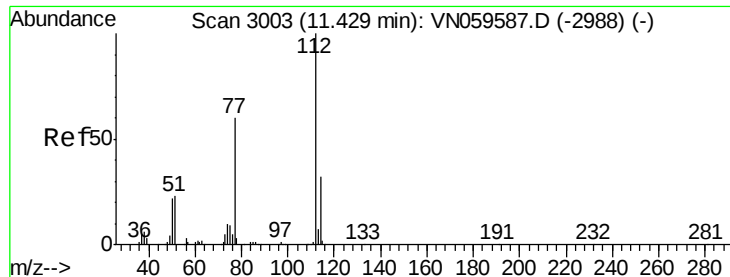
Tgt Ion:117 Resp: 339717
Ion Ratio Lower Upper
117 100
82 58.5 45.9 68.9
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 51.962 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion:164 Resp: 164554
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 100.9 80.2 120.4
131 96.3 75.0 112.4

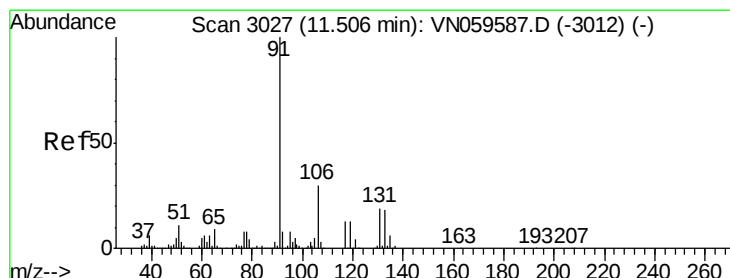
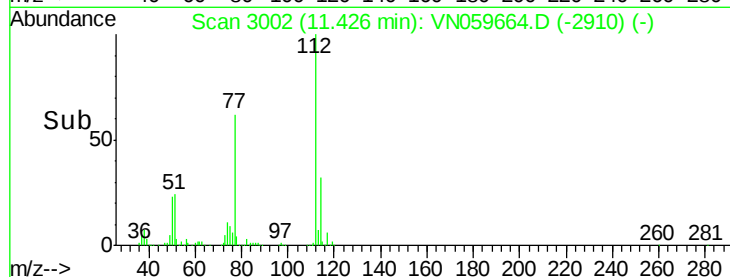
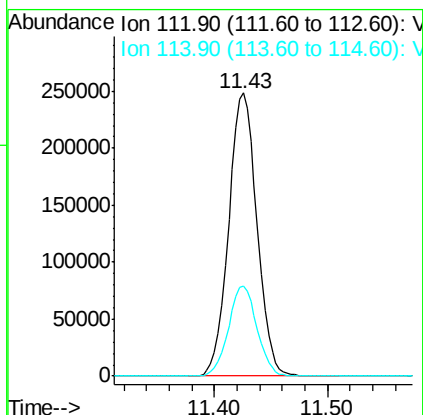
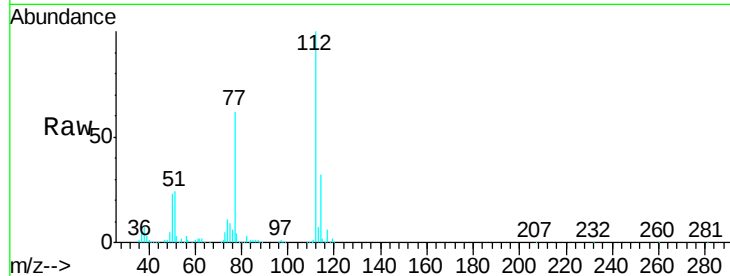




#65
Chlorobenzene
Concen: 58.657 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

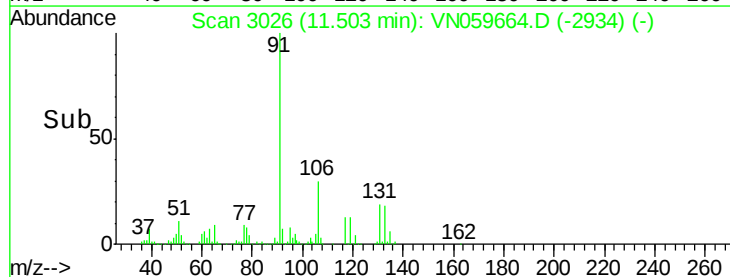
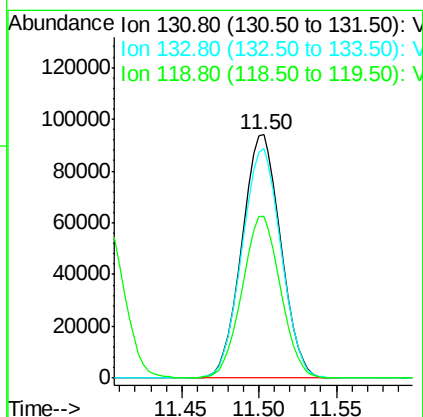
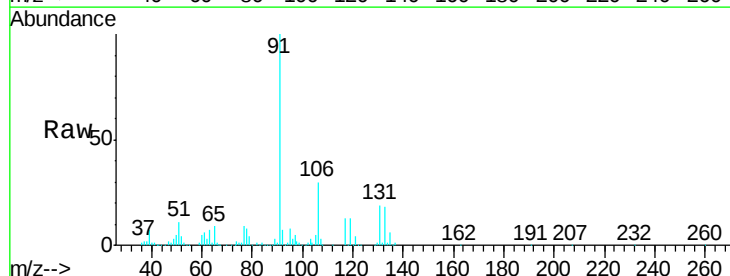
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

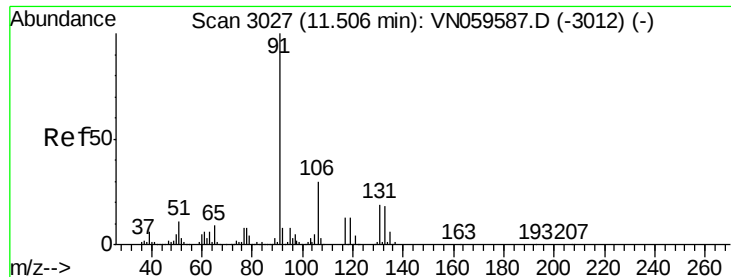
Tgt Ion:112 Resp: 431168
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 59.070 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion:131 Resp: 164924
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 60.566 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

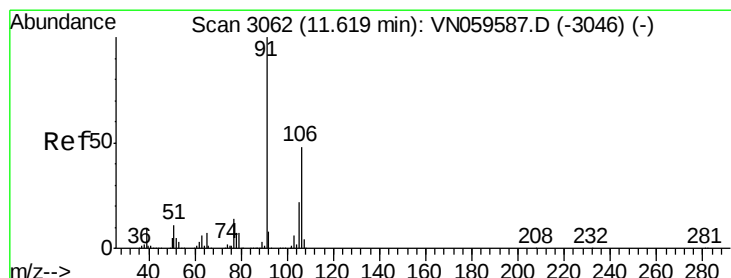
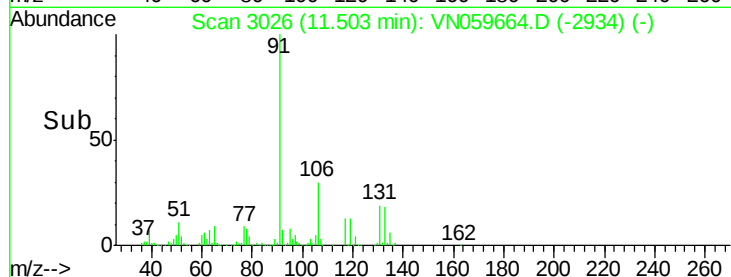
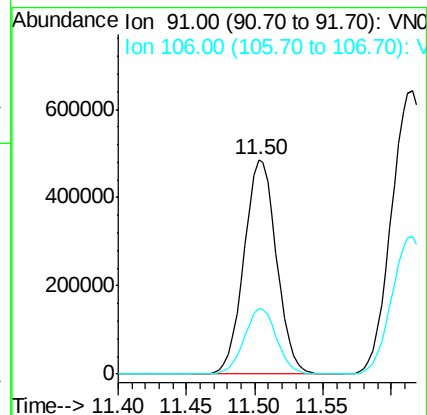
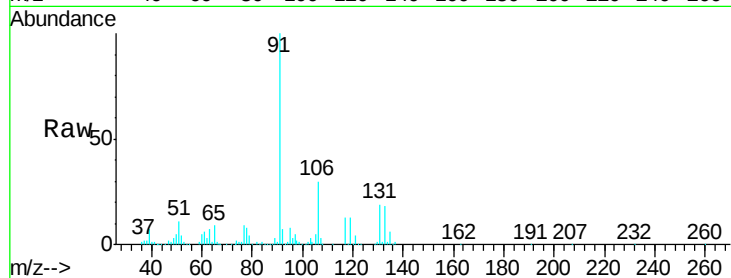
VSTDCCC050

Tgt Ion: 91 Resp: 803607

Ion Ratio Lower Upper

91 100

106 30.5 24.1 36.1



#68

m/p-Xylenes

Concen: 121.824 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059664.D

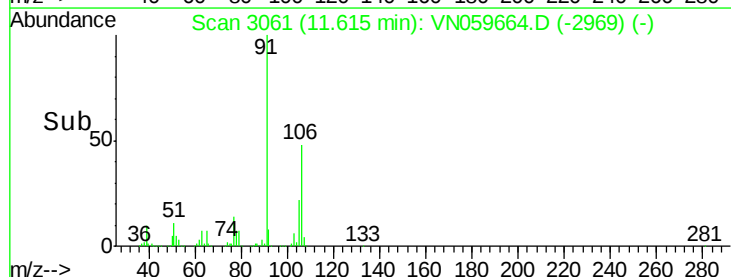
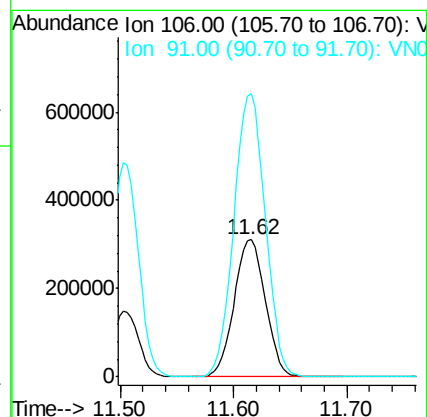
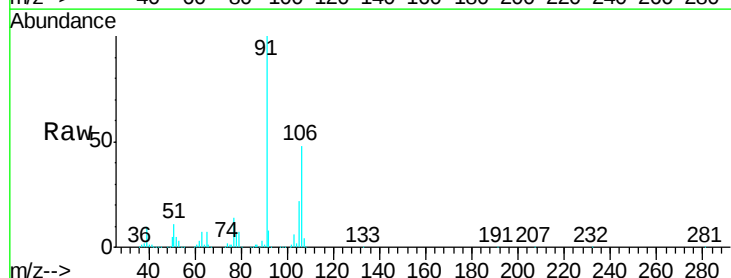
Acq: 19 Dec 2019 11:46

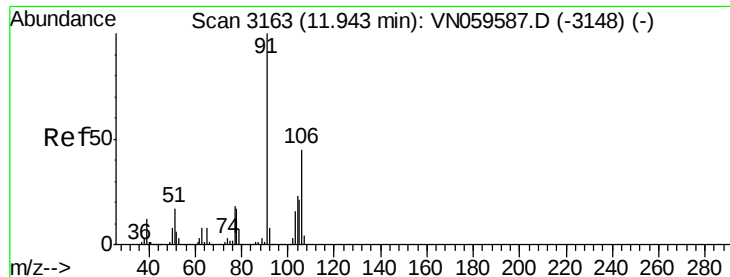
Tgt Ion: 106 Resp: 596879

Ion Ratio Lower Upper

106 100

91 207.9 167.9 251.9

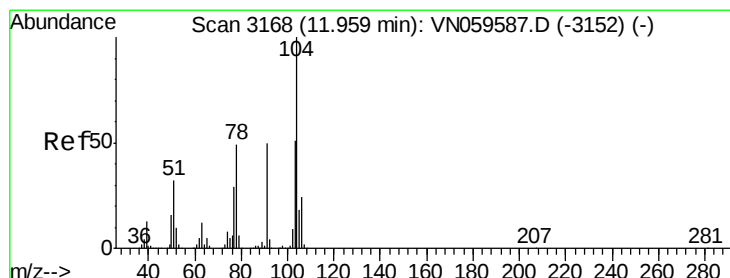
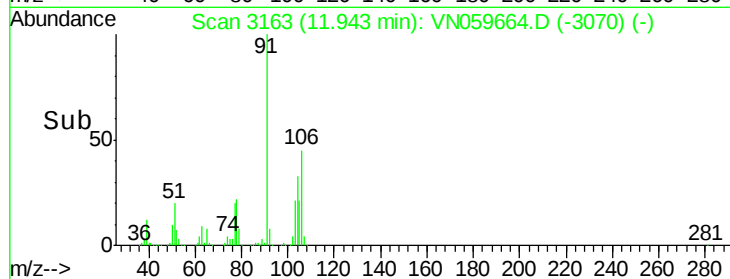
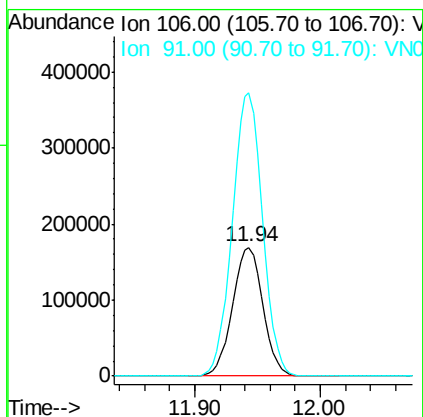
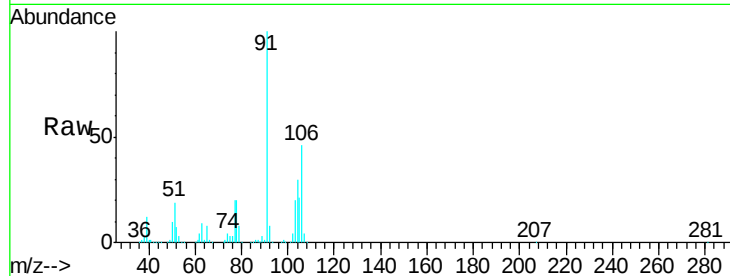




#69
o-Xylene
Concen: 61.095 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

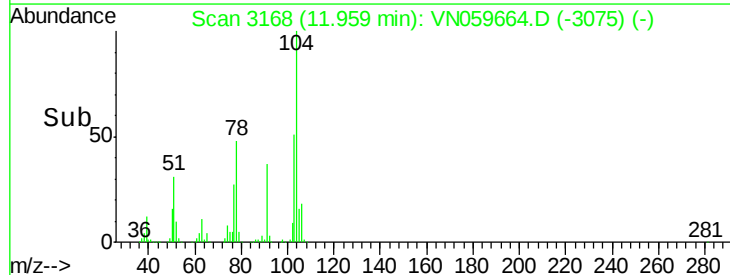
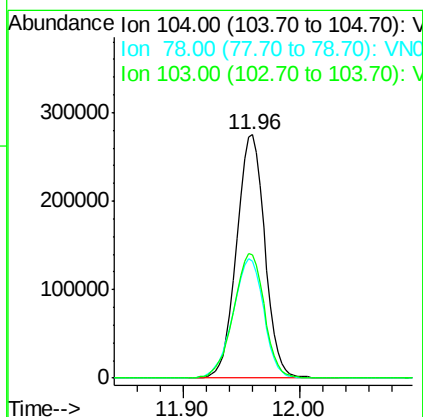
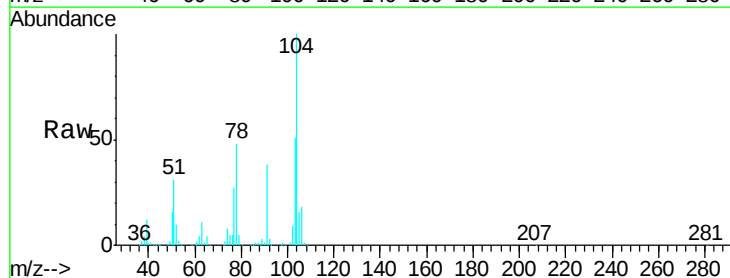
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

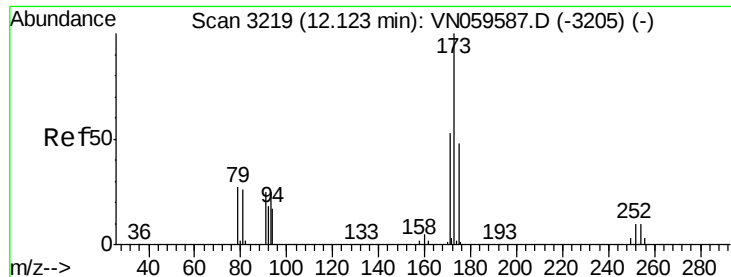
Tgt Ion:106 Resp: 284821
Ion Ratio Lower Upper
106 100
91 218.7 110.3 330.9



#70
Styrene
Concen: 62.093 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion:104 Resp: 465096
Ion Ratio Lower Upper
104 100
78 53.9 42.4 63.6
103 55.9 43.9 65.9





#71

Bromoform

Concen: 62.396 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

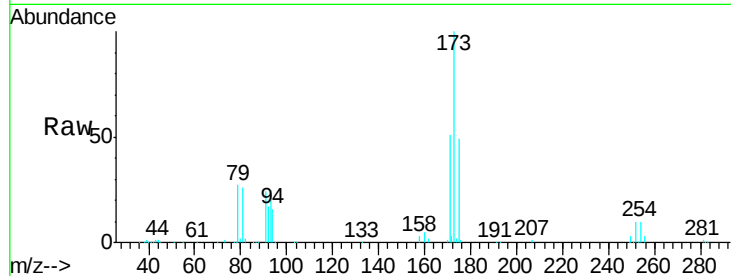
Tgt Ion:173 Resp: 130955

Ion Ratio Lower Upper

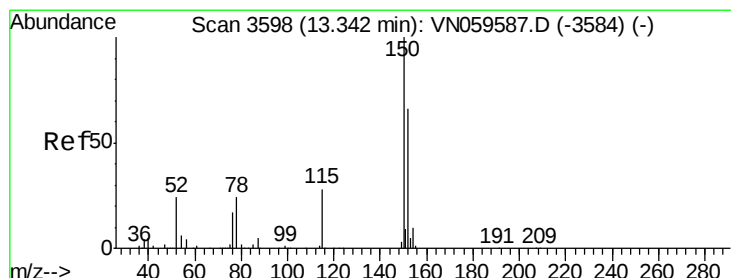
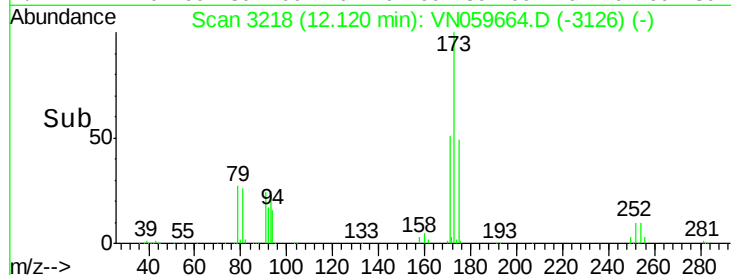
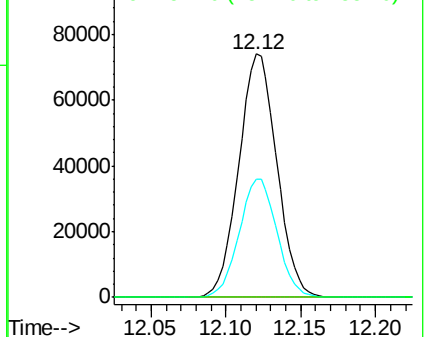
173 100

175 48.3 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: VN059664.D

Acq: 19 Dec 2019 11:46

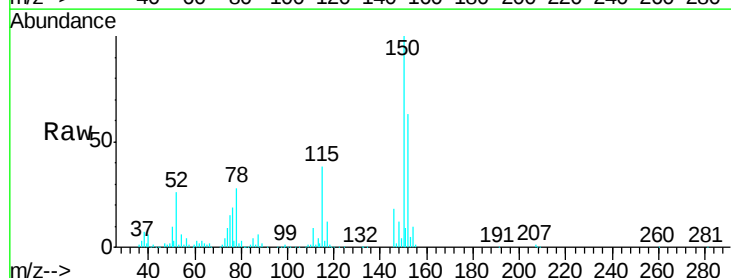
Tgt Ion:152 Resp: 165901

Ion Ratio Lower Upper

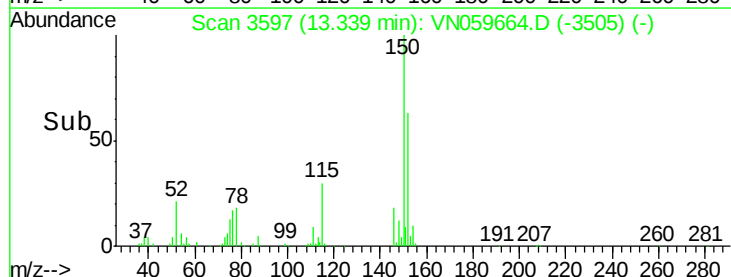
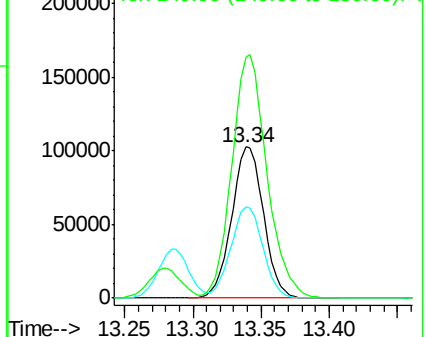
152 100

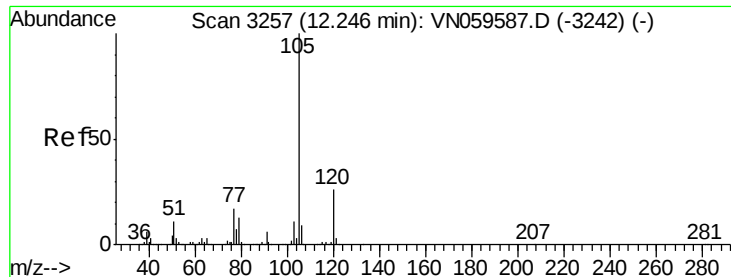
115 61.5 30.3 90.9

150 177.6 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: 59.245 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

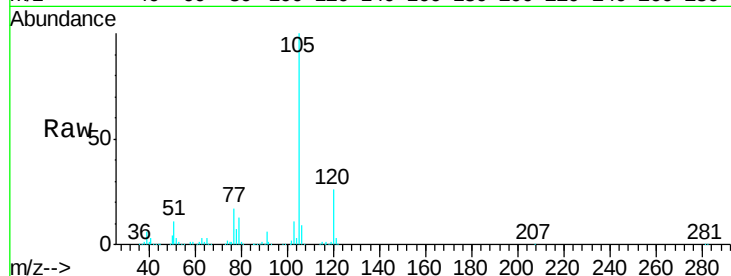
VSTDCCC050

Tgt Ion: 105 Resp: 771562

Ion Ratio Lower Upper

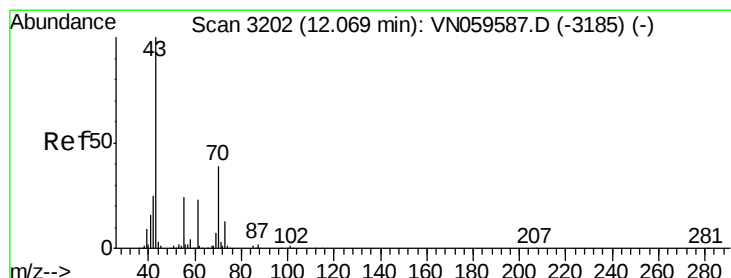
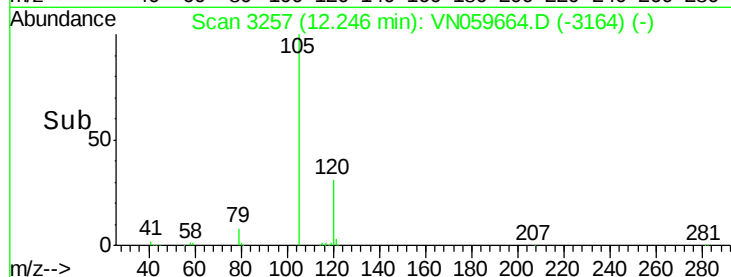
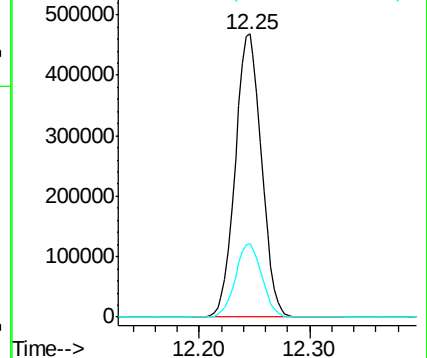
105 100

120 26.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.806 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion: 43 Resp: 363247

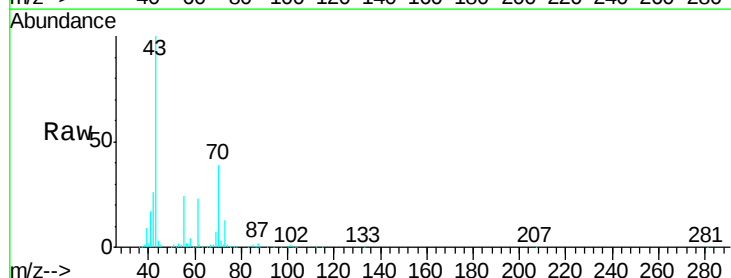
Ion Ratio Lower Upper

43 100

70 39.7 31.3 46.9

55 25.1 19.8 29.6

61 22.9 18.3 27.5

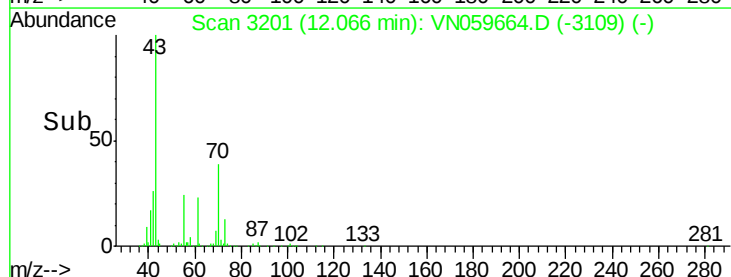
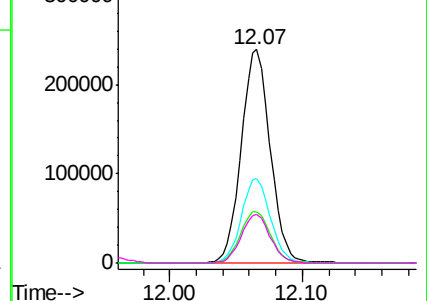


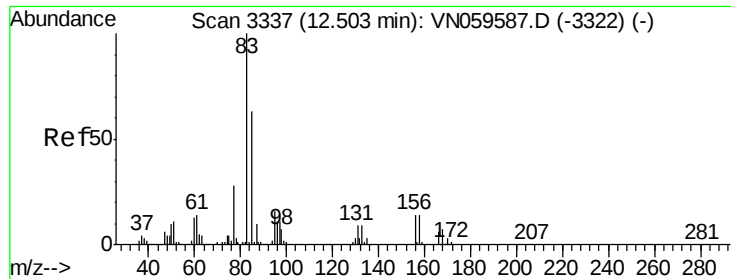
Abundance Ion 43.00 (42.70 to 43.70): VN

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





#75

1,1,2,2-Tetrachloroethane

Concen: 57.721 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

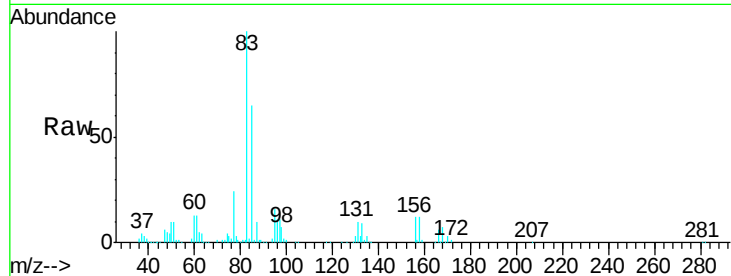
Tgt Ion: 83 Resp: 238453

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 64.7 31.9 95.5

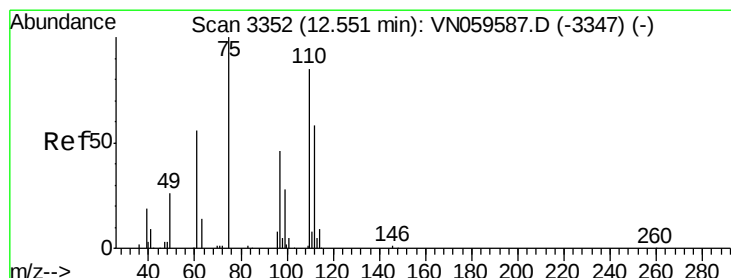
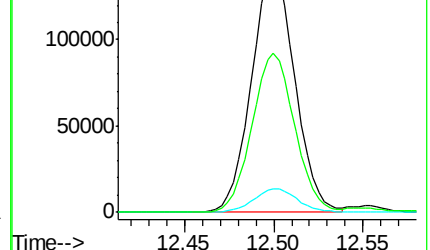
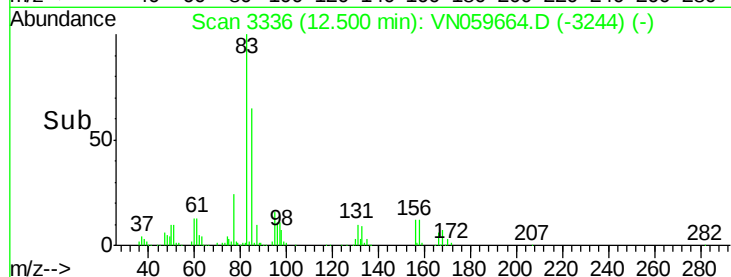


Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-3322) (-)

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

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 87.397 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN059664.D

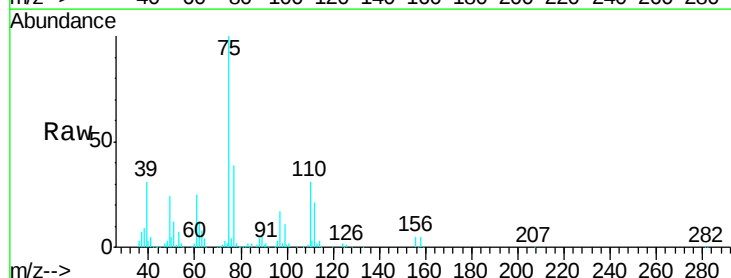
Acq: 19 Dec 2019 11:46

Tgt Ion: 75 Resp: 358939

Ion Ratio Lower Upper

75 100

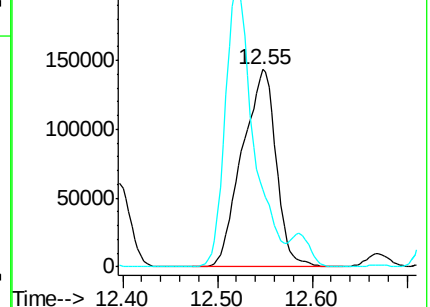
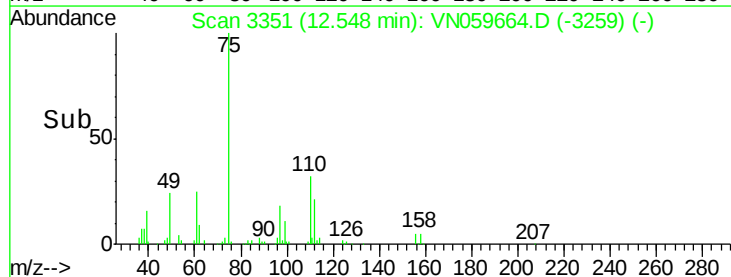
77 0.0 0.0 0.0

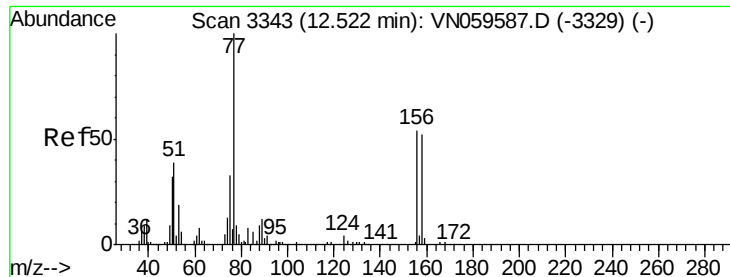


Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3347) (-)

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

Time-->





#77

Bromobenzene

Concen: 56.524 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

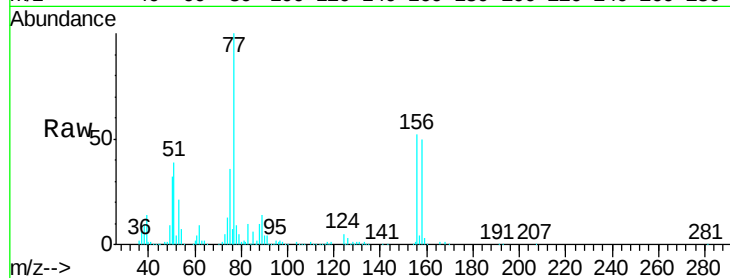
Tgt Ion:156 Resp: 181033

Ion Ratio Lower Upper

156 100

77 235.8 115.8 347.4

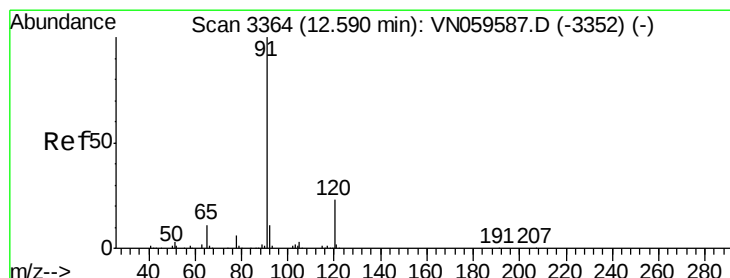
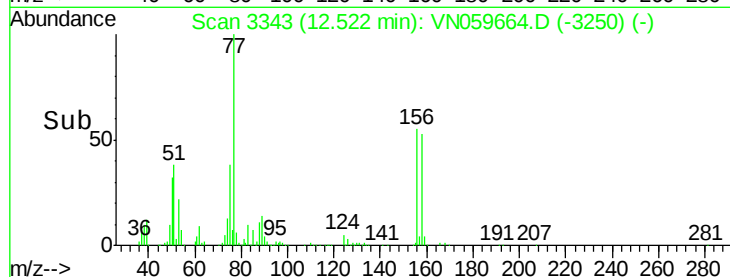
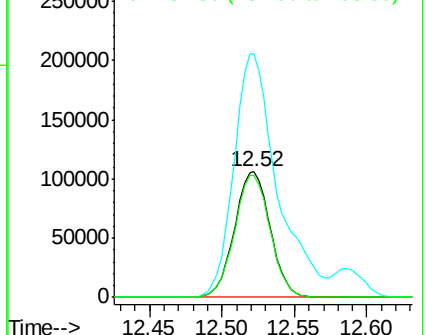
158 97.2 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.354 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059664.D

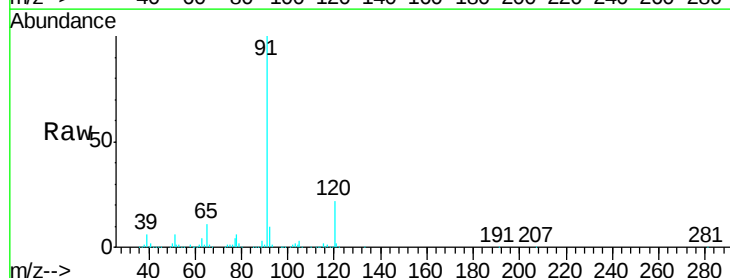
Acq: 19 Dec 2019 11:46

Tgt Ion: 91 Resp: 929122

Ion Ratio Lower Upper

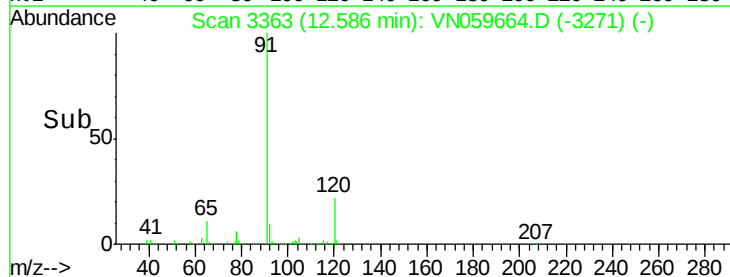
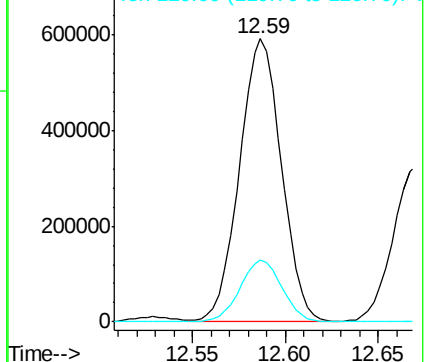
91 100

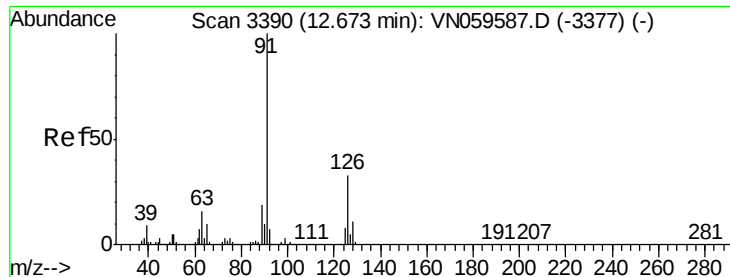
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.026 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

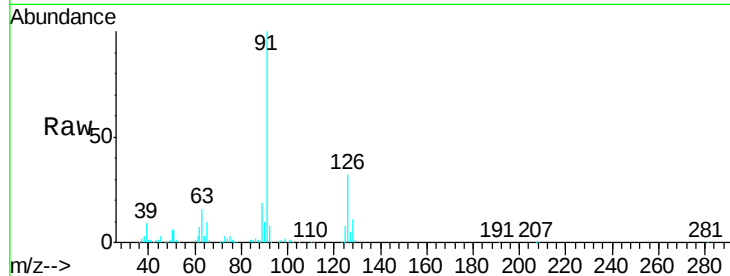
VSTDCCC050

Tgt Ion: 91 Resp: 540157

Ion Ratio Lower Upper

91 100

126 32.6 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) (-)

Time-->

12.60 12.65 12.70

12.67

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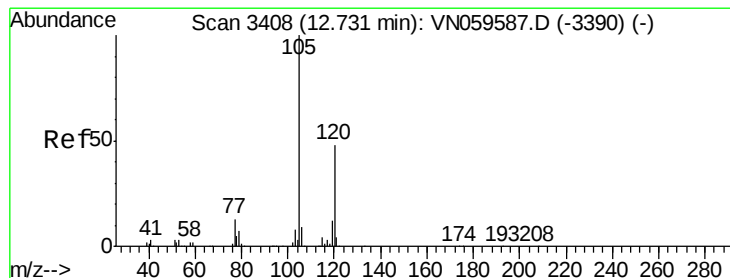
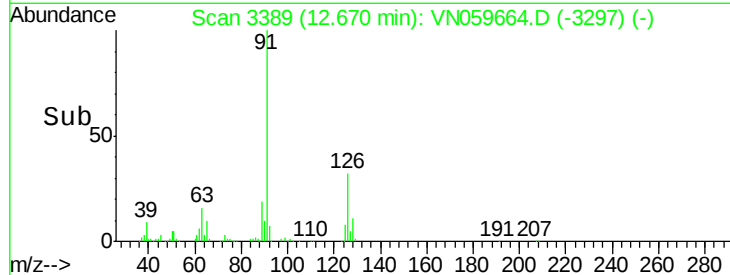
12.67

12.67

12.67

12.67

12.67



#80

1,3,5-Trimethylbenzene

Concen: 59.706 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN059664.D

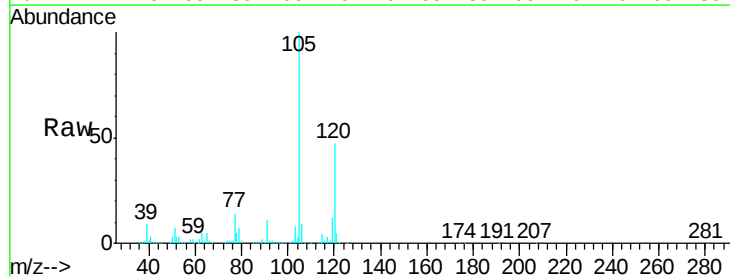
Acq: 19 Dec 2019 11:46

Tgt Ion: 105 Resp: 658013

Ion Ratio Lower Upper

105 100

120 47.7 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) (-)

Time-->

12.70 12.75 12.80

12.73

12.73

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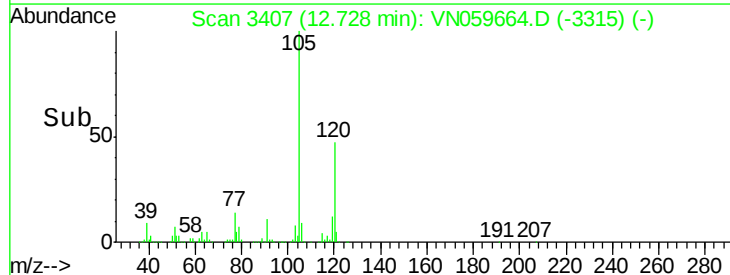
12.73

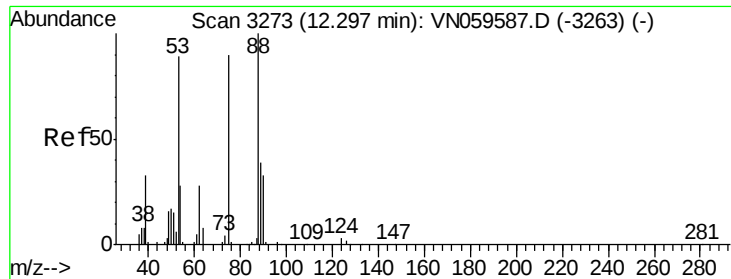
12.73

12.73

12.73

12.73





#81

trans-1,4-Dichloro-2-butene

Concen: 59.295 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

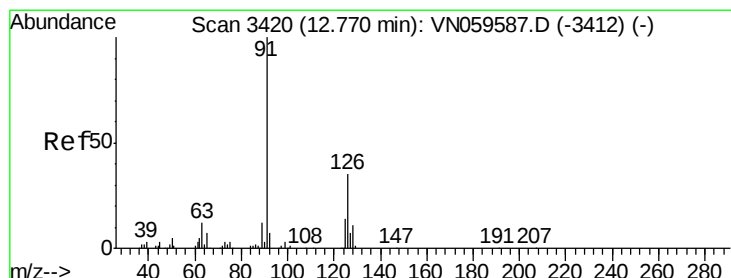
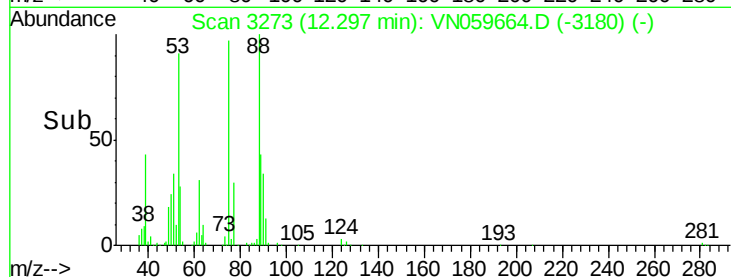
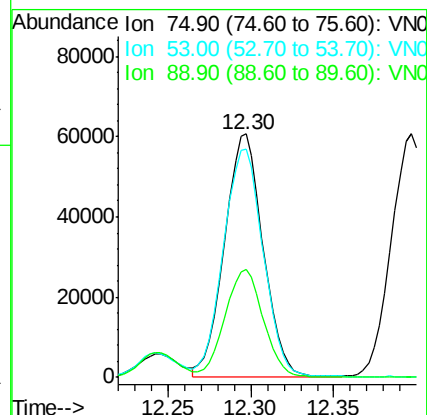
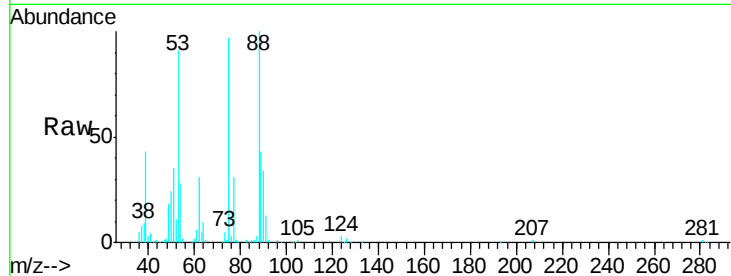
Tgt Ion: 75 Resp: 98596

Ion Ratio Lower Upper

75 100

53 97.2 78.1 117.1

89 44.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 58.522 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN059664.D

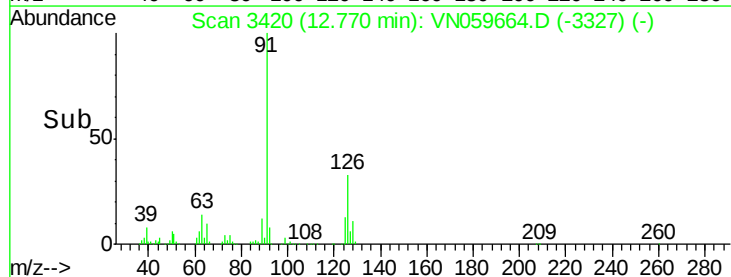
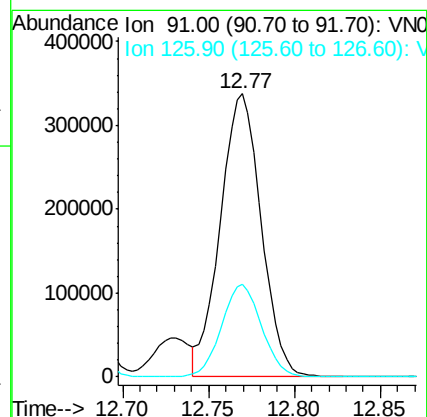
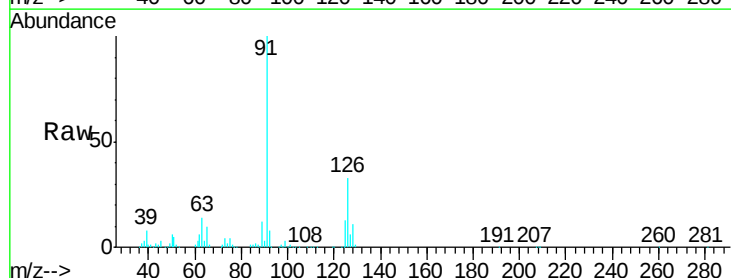
Acq: 19 Dec 2019 11:46

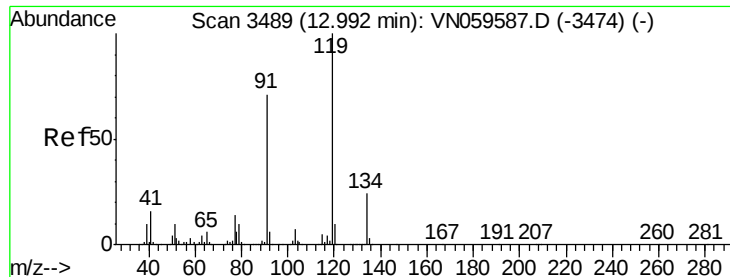
Tgt Ion: 91 Resp: 557791

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8

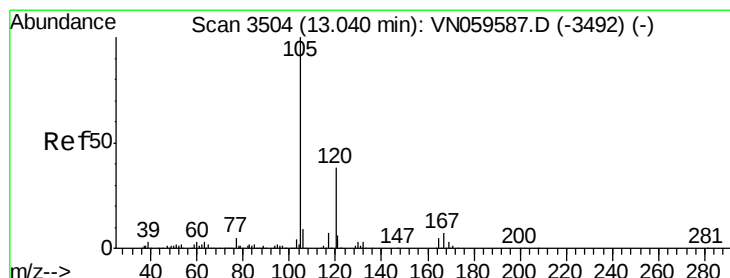
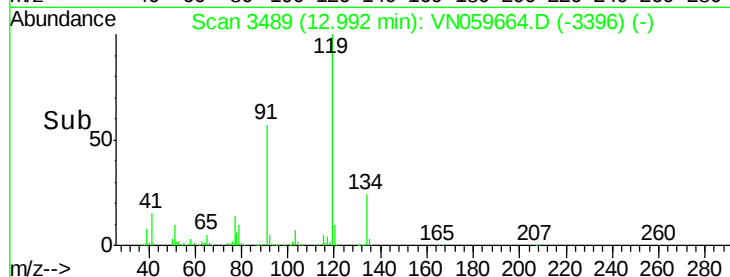
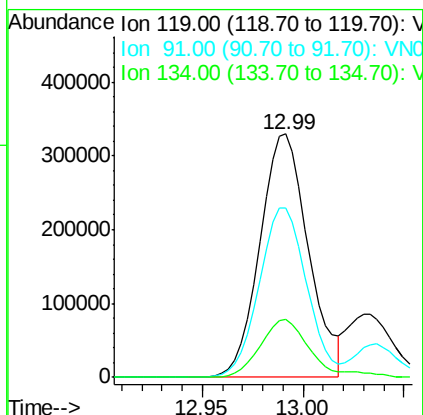
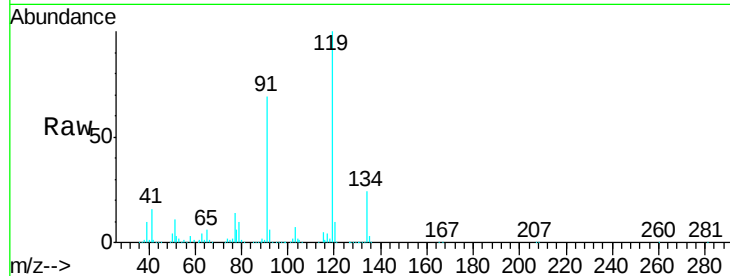




#83
tert-Butylbenzene
Concen: 59.194 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

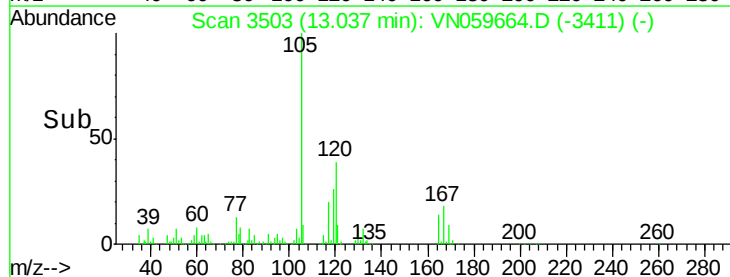
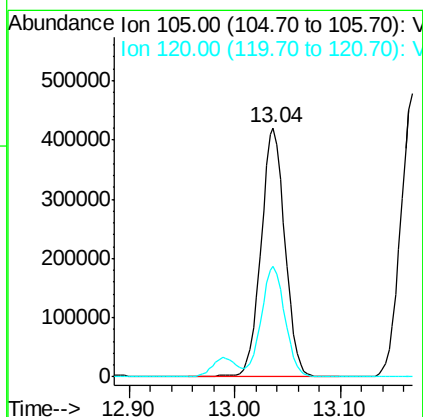
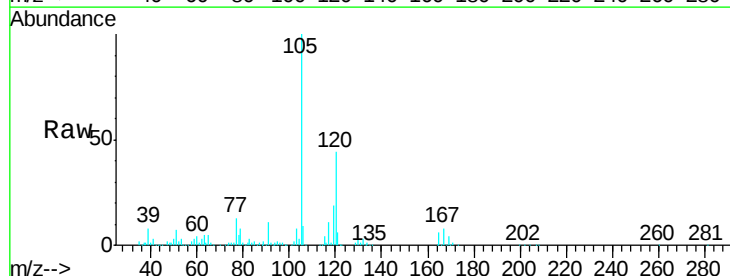
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

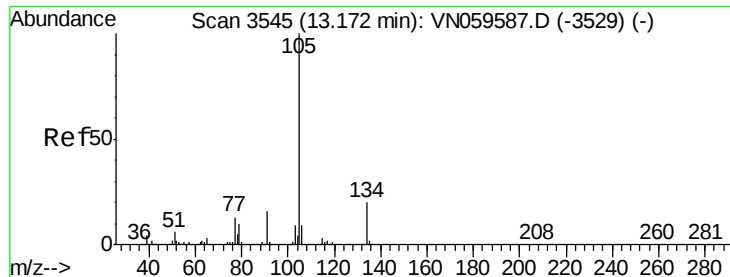
Tgt Ion:119 Resp: 552471
Ion Ratio Lower Upper
119 100
91 67.7 34.8 104.4
134 24.7 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 60.723 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion:105 Resp: 665448
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.9

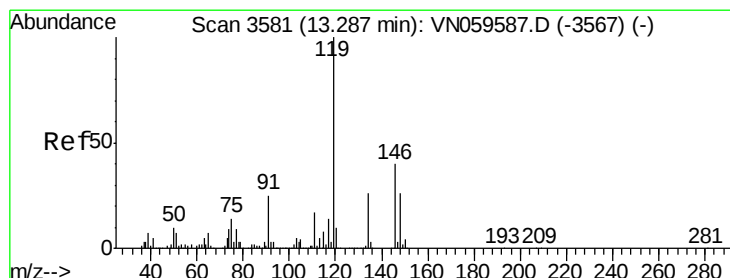
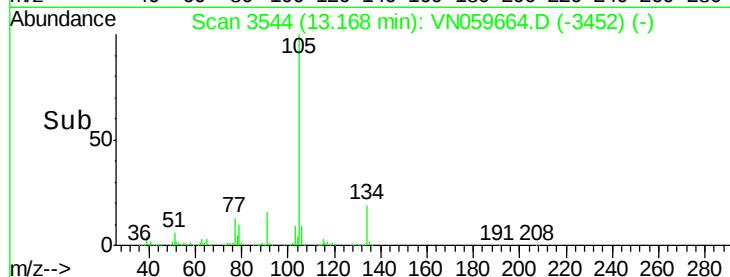
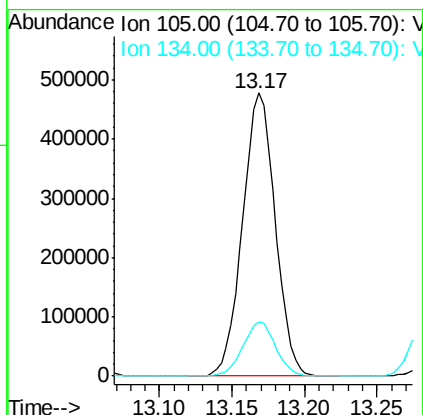
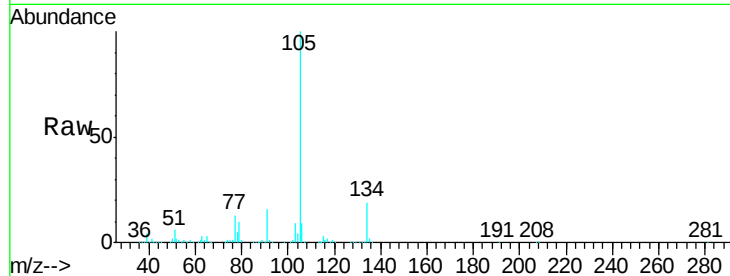




#85
 sec-Butylbenzene
 Concen: 60.191 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

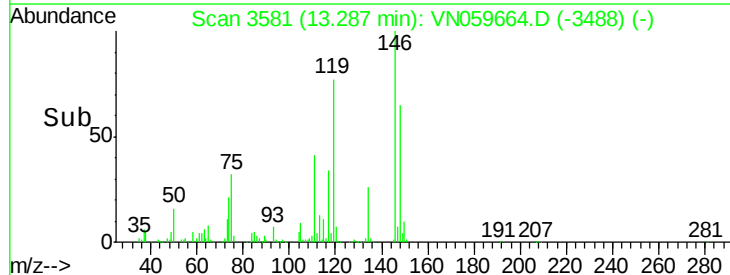
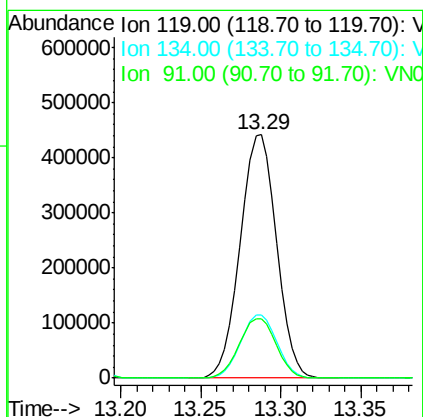
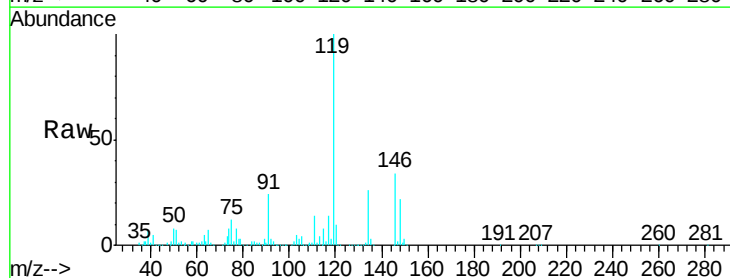
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

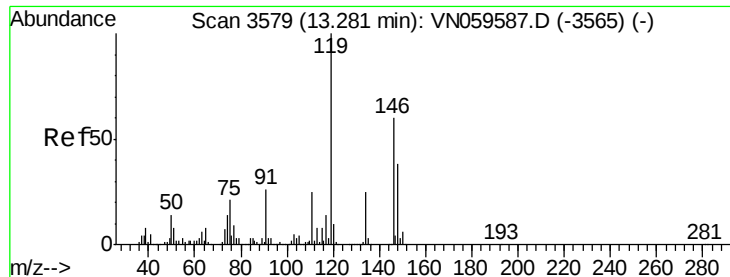
Tgt Ion:105 Resp: 747281
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 60.395 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion:119 Resp: 679107
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.9 12.4 37.4

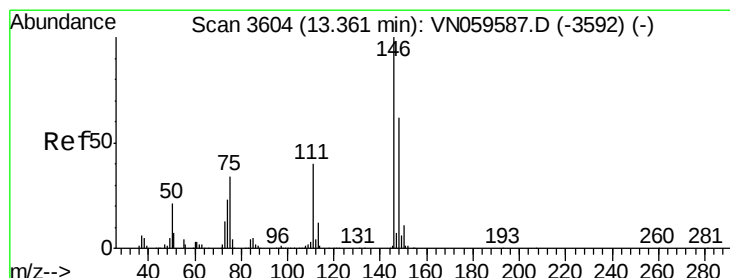
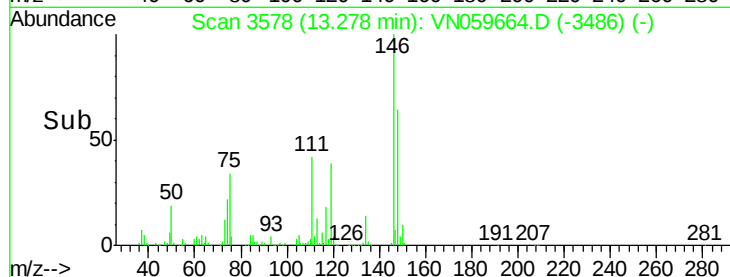
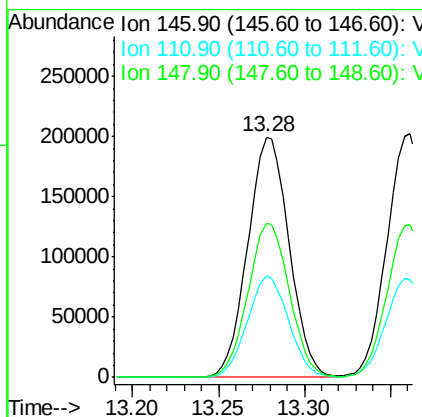
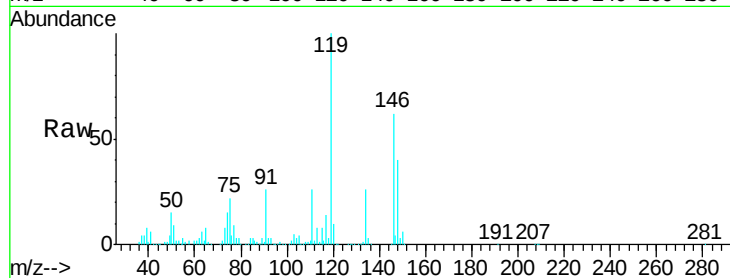




#87
 1,3-Dichlorobenzene
 Concen: 56.607 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

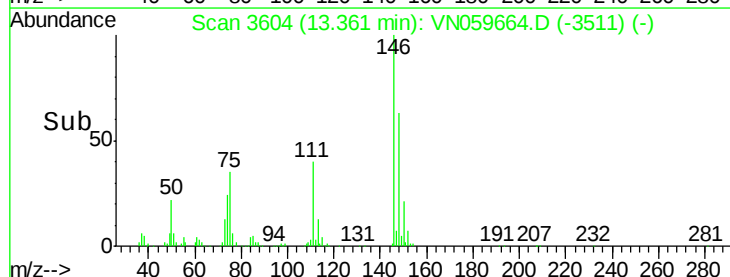
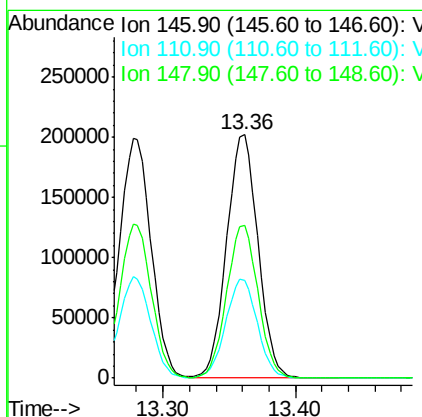
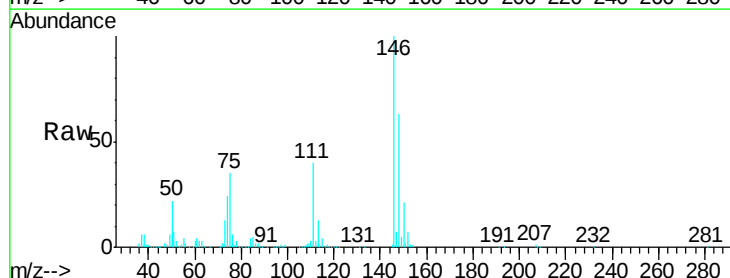
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

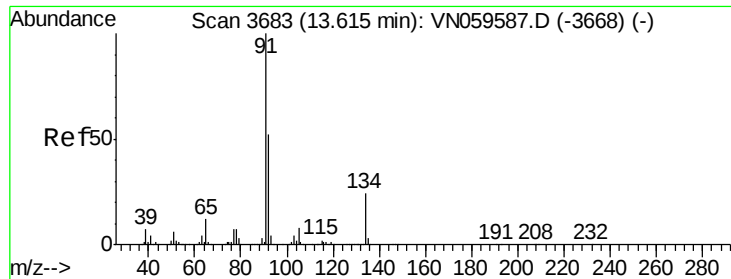
Tgt Ion:146 Resp: 333377
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.2
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 55.903 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion:146 Resp: 331938
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.2
 148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 59.939 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

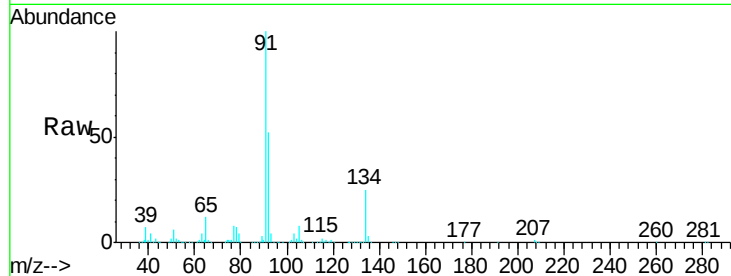
Tgt Ion: 91 Resp: 631881

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 24.4 12.3 36.8

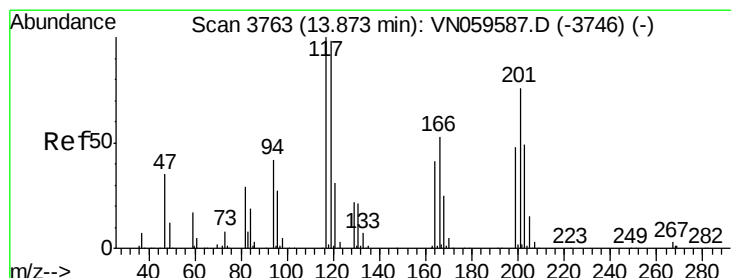
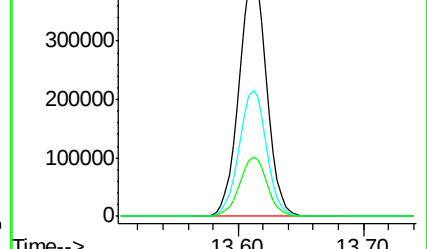
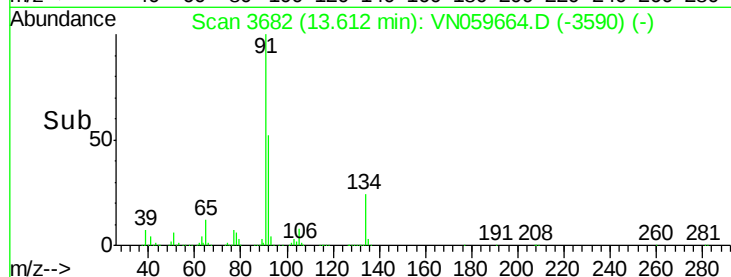


Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059587.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059587.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 60.518 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN059664.D

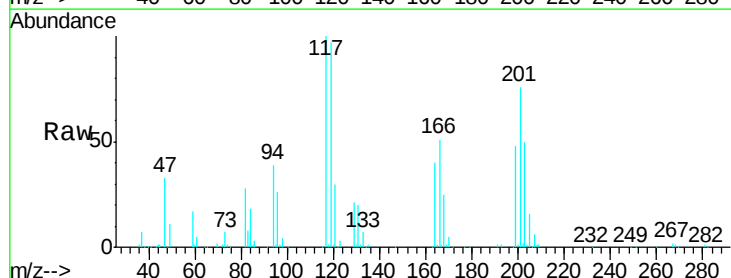
Acq: 19 Dec 2019 11:46

Tgt Ion: 117 Resp: 128627

Ion Ratio Lower Upper

117 100

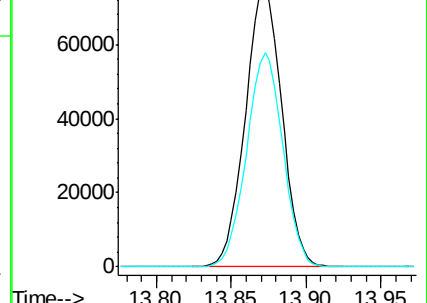
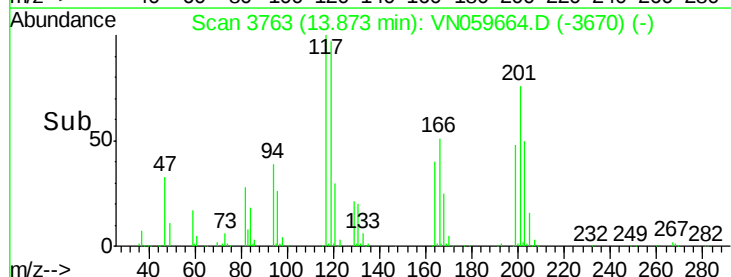
201 75.9 37.8 113.4

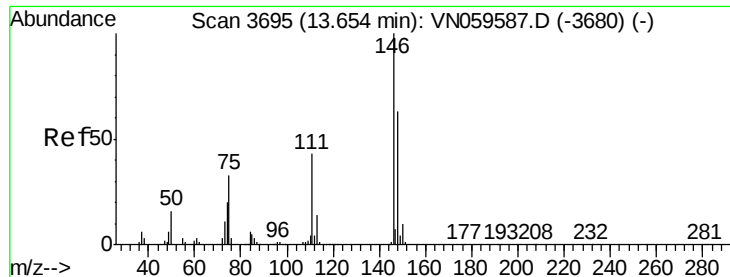


Abundance Ion 116.80 (116.50 to 117.50): VN059587.D (-3746) (-)

Ion 200.70 (200.40 to 201.40): VN059587.D (-3746) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 56.014 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

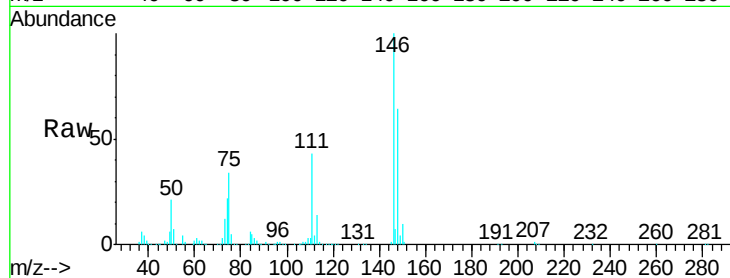
Tgt Ion:146 Resp: 325329

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.8

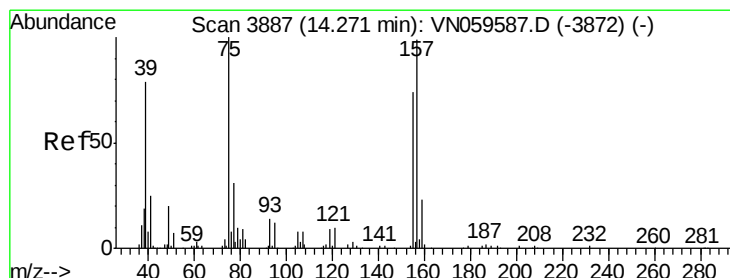
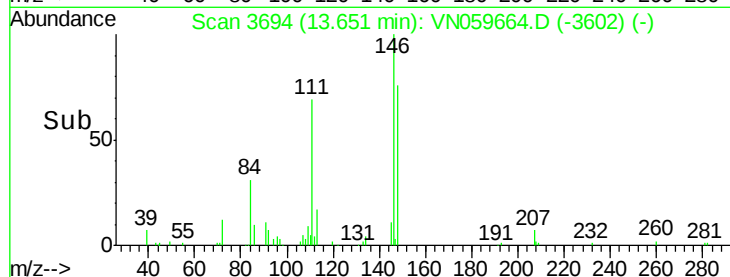
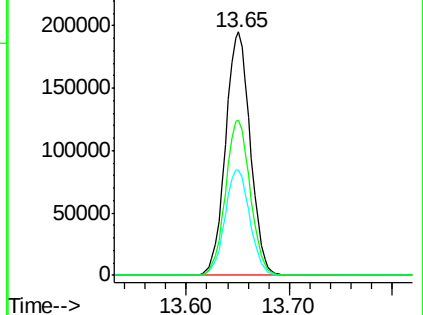
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.980 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

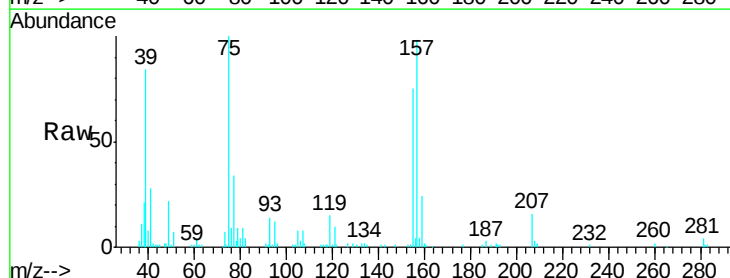
Tgt Ion: 75 Resp: 57090

Ion Ratio Lower Upper

75 100

155 74.7 37.0 110.9

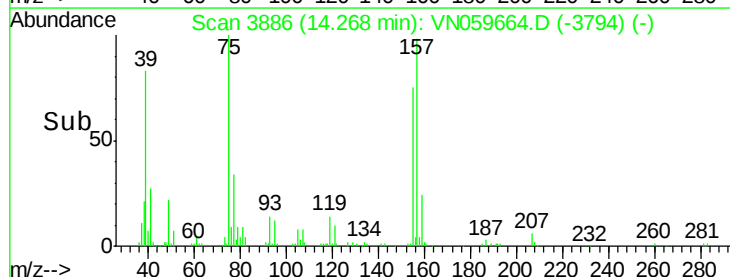
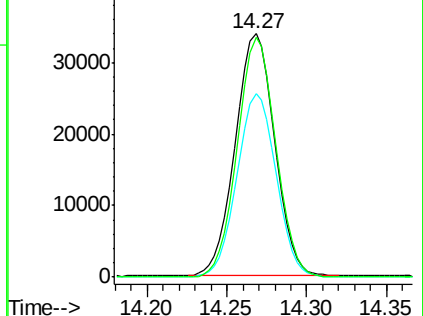
157 95.8 48.4 145.2

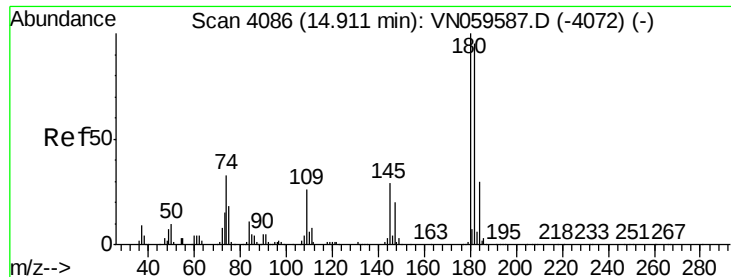


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

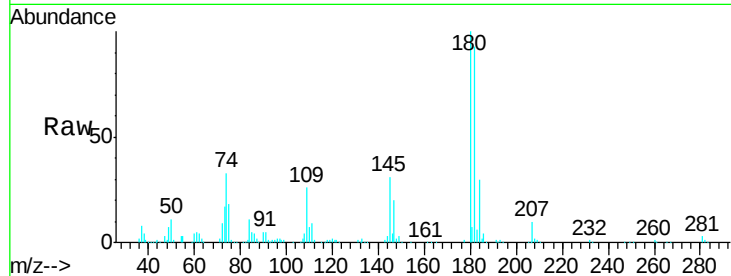




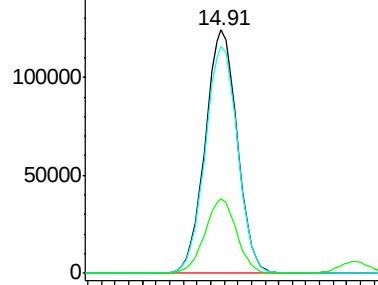
#93
 1,2,4-Trichlorobenzene
 Concen: 53.846 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

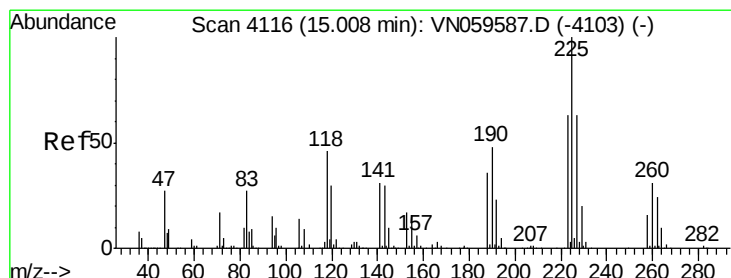
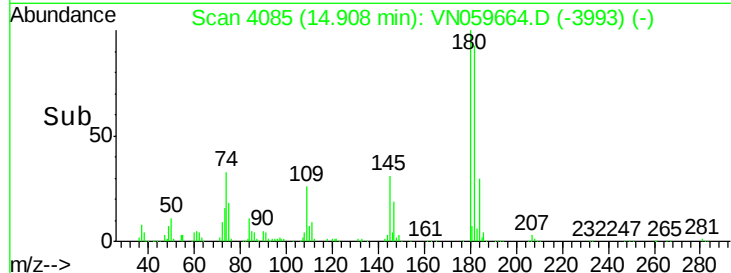
Tgt Ion:180 Resp: 201947
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.9 140.7
 145 30.4 15.0 45.1



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

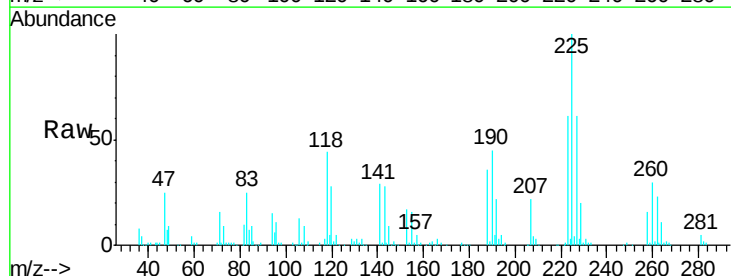


Time-->

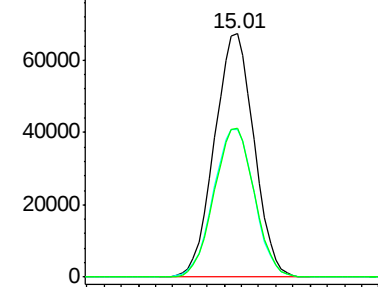


#94
 Hexachlorobutadiene
 Concen: 55.133 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

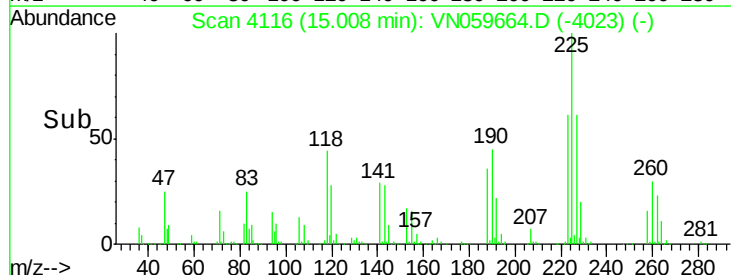
Tgt Ion:225 Resp: 107397
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.8 95.3
 227 62.1 32.1 96.5

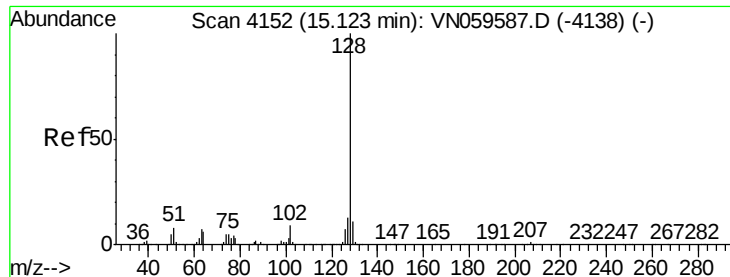


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

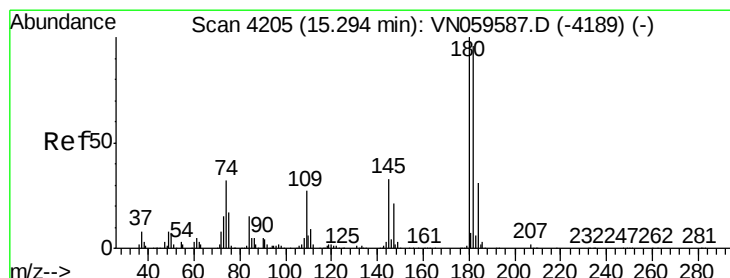
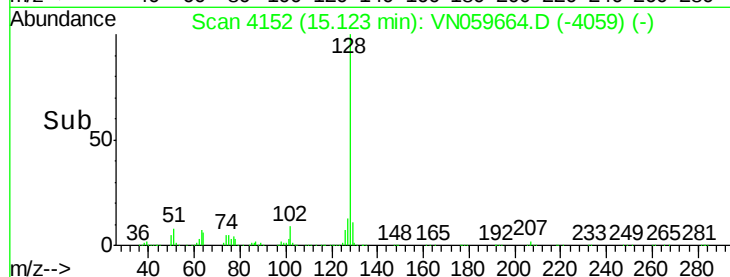
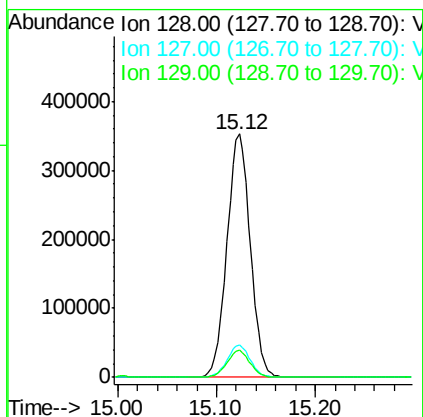
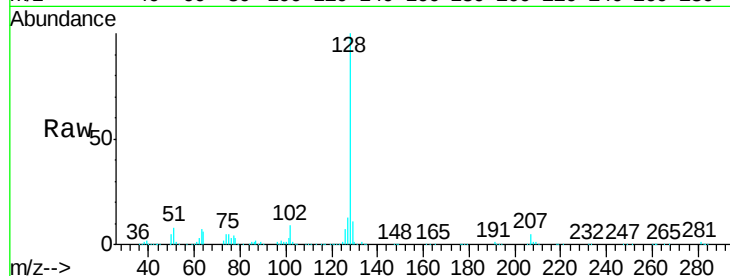




#95
Naphthalene
Concen: 52.199 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 584434
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.255 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion:180 Resp: 194422
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.3
145 31.9 16.3 48.9

