

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051110.D
 Acq On : 11 Sep 2018 7:56
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 12 00:58:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	704840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	990172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	895829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	462472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	383599	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	374619	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1441461	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.40	95	484704	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	312200	45.93	ug/l	99
3) Chloromethane	2.06	50	414006	47.13	ug/l	99
4) Vinyl Chloride	2.18	62	426490	45.71	ug/l	98
5) Bromomethane	2.56	94	258417	49.06	ug/l	98
6) Chloroethane	2.70	64	262353	45.56	ug/l	98
7) Trichlorofluoromethane	3.01	101	576995	46.67	ug/l	99
8) Diethyl Ether	3.41	74	218200	47.99	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	377625	47.38	ug/l	99
10) Methyl Iodide	3.95	142	342143	46.37	ug/l	99
11) Tert butyl alcohol	4.79	59	130527	217.86	ug/l	99
12) 1,1-Dichloroethene	3.73	96	349805	46.53	ug/l	98
13) Acrolein	3.61	56	173441	238.42	ug/l	97
14) Allyl chloride	4.32	41	546375	47.70	ug/l	99
15) Acrylonitrile	4.99	53	621762	234.21	ug/l	99
16) Acetone	3.82	43	533014	275.42	ug/l	99
17) Carbon Disulfide	4.05	76	1026576	46.34	ug/l	100
18) Methyl Acetate	4.32	43	284034	45.22	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	968332	48.72	ug/l	100
20) Methylene Chloride	4.55	84	395162	45.61	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	375407	46.03	ug/l	100
22) Diisopropyl ether	5.95	45	1125721	49.51	ug/l	97
23) Vinyl Acetate	5.90	43	3810362	247.63	ug/l	100
24) 1,1-Dichloroethane	5.85	63	678656	47.04	ug/l	100
25) 2-Butanone	6.83	43	745776	241.83	ug/l	100
26) 2,2-Dichloropropane	6.82	77	556095	47.10	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	419598	46.90	ug/l	100
28) Bromochloromethane	7.19	49	303886	47.33	ug/l	100
29) Tetrahydrofuran	7.21	42	459019	238.35	ug/l	99
30) Chloroform	7.37	83	673773	46.95	ug/l	100
31) Cyclohexane	7.65	56	624456	48.54	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	582120	47.60	ug/l	99
36) 1,1-Dichloropropene	7.79	75	532330	48.97	ug/l	100
37) Ethyl Acetate	6.93	43	307656	48.86	ug/l	99
38) Carbon Tetrachloride	7.77	117	514084	48.05	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	614093	51.20	ug/l	99
40) Benzene	8.04	78	1591431	48.58	ug/l	99
41) Methacrylonitrile	7.17	41	142145	43.76	ug/l	93
42) 1,2-Dichloroethane	8.12	62	462792	48.47	ug/l	100
43) Isopropyl Acetate	8.16	43	556268	50.07	ug/l	100
44) Trichloroethene	8.83	130	431711	48.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	411965	48.67	ug/l	100
46) Dibromomethane	9.21	93	241764	46.81	ug/l	99
47) Bromodichloromethane	9.40	83	515603	49.10	ug/l	98
48) Methyl methacrylate	9.20	41	270063	49.88	ug/l	100
49) 1,4-Dioxane	9.20	88	82246	968.78	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1511472	246.03	ug/l	100
52) Toluene	10.16	92	998436	49.98	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	529235	50.35	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	622530	50.52	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	353784	48.76	ug/l	99
56) Ethyl methacrylate	10.43	69	452809	46.67	ug/l	100
57) 1,3-Dichloropropane	10.71	76	586444	48.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	940094	230.90	ug/l	99
59) 2-Hexanone	10.75	43	1047524	251.42	ug/l	100
60) Dibromochloromethane	10.90	129	400584	48.98	ug/l	100
61) 1,2-Dibromoethane	11.00	107	351094	49.50	ug/l	100
64) Tetrachloroethene	10.63	164	389329	47.63	ug/l	98
65) Chlorobenzene	11.43	112	1098616	48.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	396258	48.74	ug/l	100
67) Ethyl Benzene	11.51	91	1871952	51.19	ug/l	99
68) m/p-Xylenes	11.62	106	1460653	103.96	ug/l	99
69) o-Xylene	11.95	106	708296	52.06	ug/l	100
70) Styrene	11.96	104	1141640	54.09	ug/l	99
71) Bromoform	12.13	173	281725	49.22	ug/l #	99
73) Isopropylbenzene	12.25	105	1852373	47.76	ug/l	100
74) N-amyl acetate	12.07	43	475202	48.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	440469	49.48	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	525175	73.96	ug/l #	100
77) Bromobenzene	12.53	156	478539	45.94	ug/l	98
78) n-propylbenzene	12.59	91	2096470	49.18	ug/l	100
79) 2-Chlorotoluene	12.67	91	1245887	46.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1523635	48.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	117448	48.23	ug/l	99
82) 4-Chlorotoluene	12.77	91	1250213	47.27	ug/l	100
83) tert-Butylbenzene	12.99	119	1349008	48.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1545679	50.13	ug/l	99
85) sec-Butylbenzene	13.17	105	1739560	49.00	ug/l	100
86) p-Isopropyltoluene	13.29	119	1555309	51.67	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	825042	46.68	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	809441	49.88	ug/l	100
89) n-Butylbenzene	13.61	91	1239391	52.90	ug/l	99
90) Hexachloroethane	13.87	117	265971	48.51	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	793128	46.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63073	47.65	ug/l	99

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QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

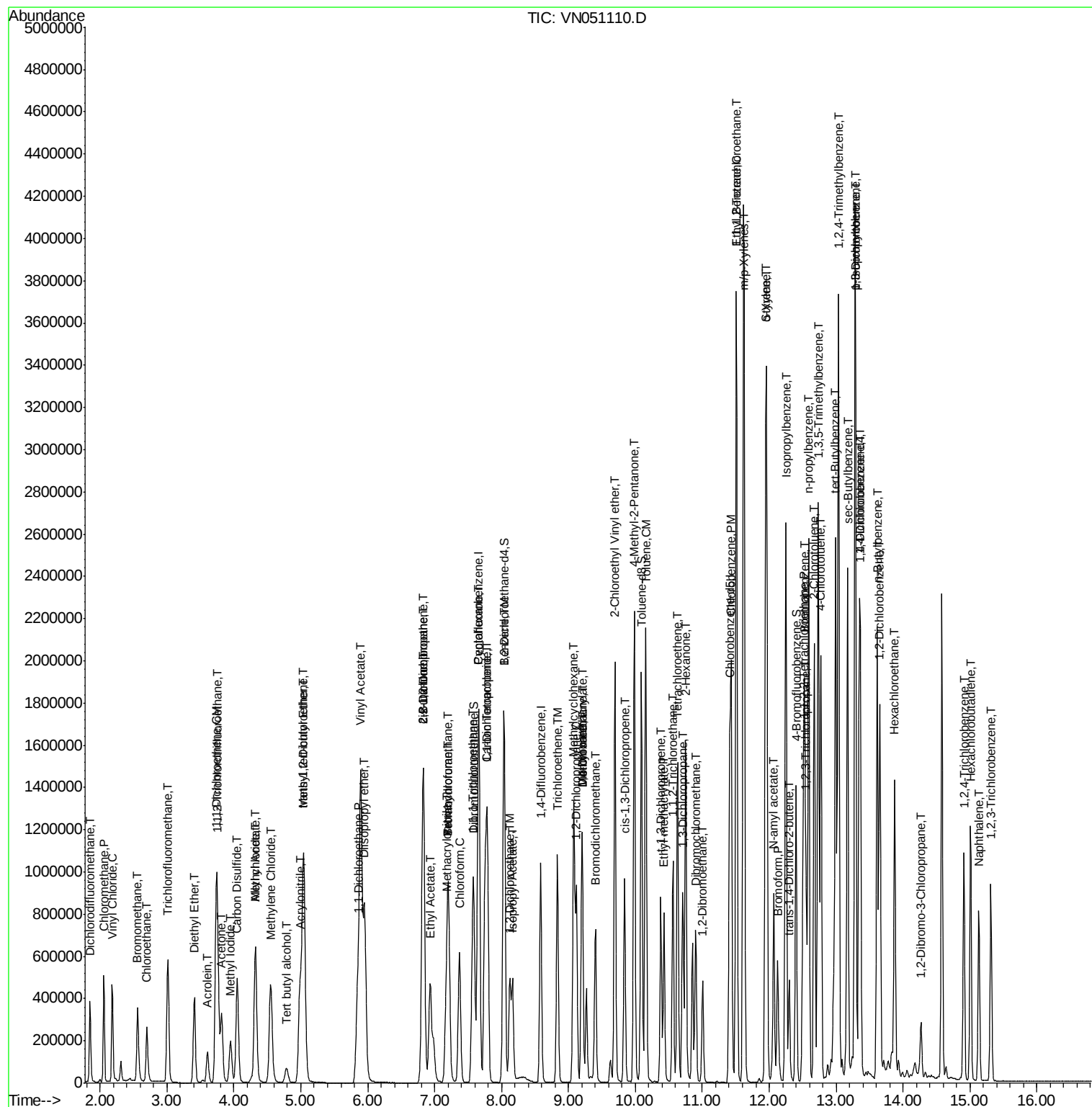
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	377393	45.72	ug/l	99
94) Hexachlorobutadiene	15.01	225	261385	52.16	ug/l	100
95) Naphthalene	15.13	128	724885	42.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	363056	45.92	ug/l	100

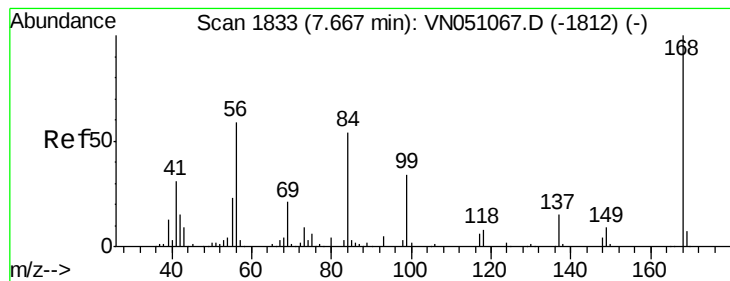
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

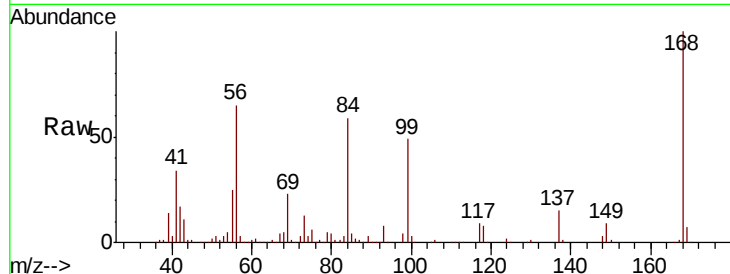
VSTDCCC050

Tot Ion:168 Resp: 704840

Ion Ratio Lower Upper

168 100

99 49.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

300000

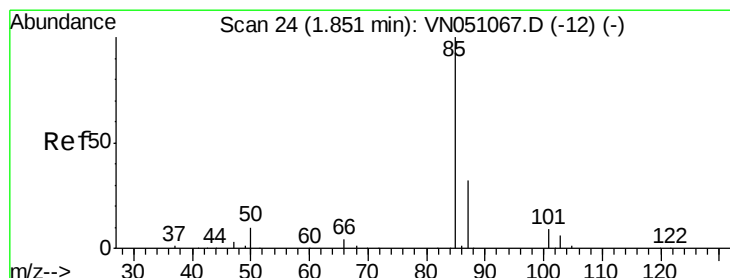
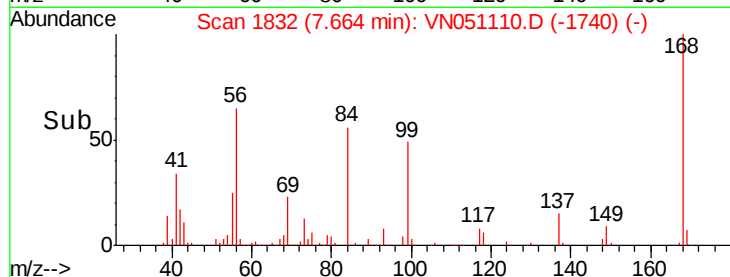
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 45.93 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051110.D

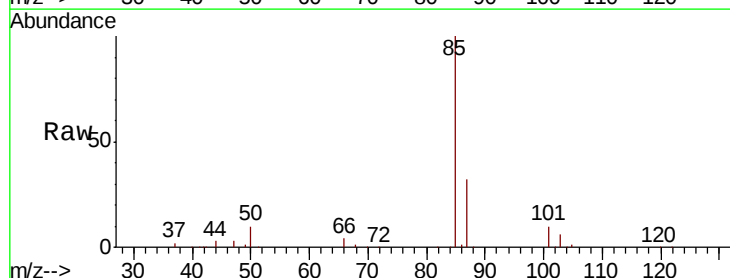
Acq: 11 Sep 2018 7:56

Tgt Ion: 85 Resp: 312200

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

150000

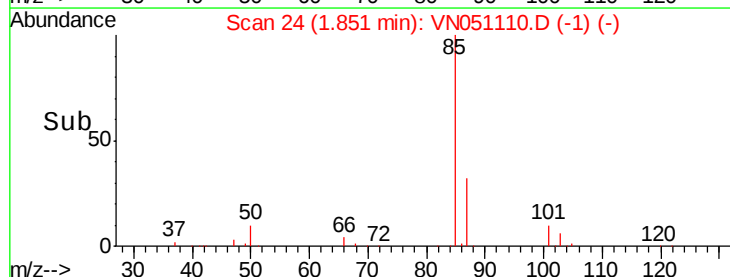
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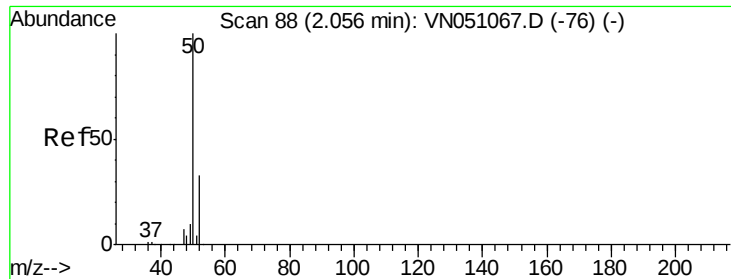
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 47.13 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

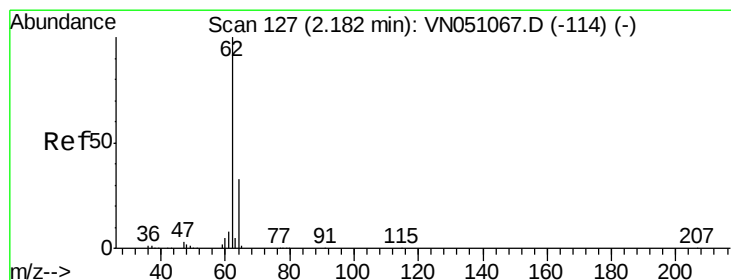
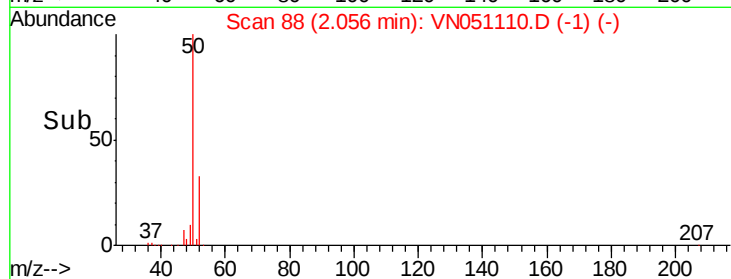
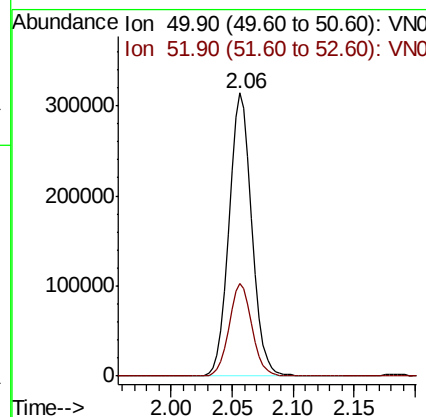
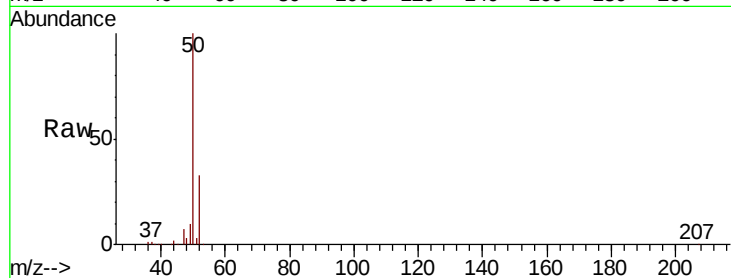
VSTDCCC050

Tot Ion: 50 Resp: 414006

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 45.71 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051110.D

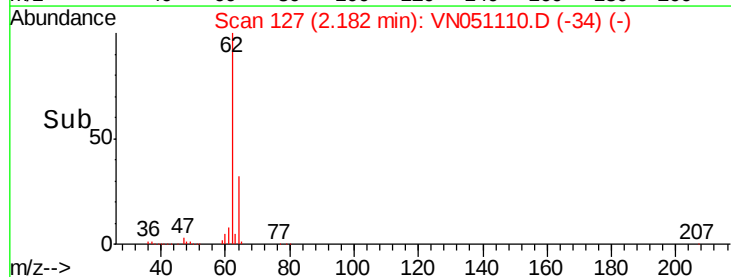
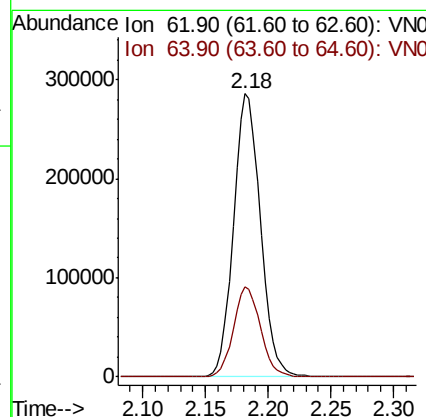
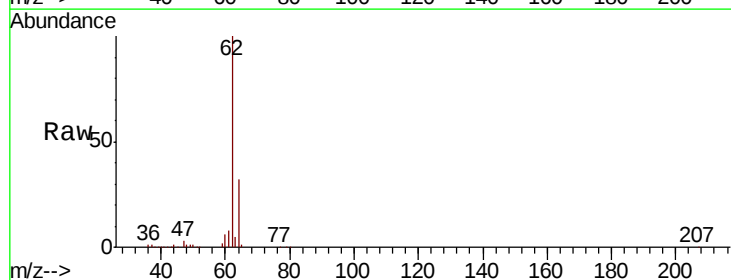
Acq: 11 Sep 2018 7:56

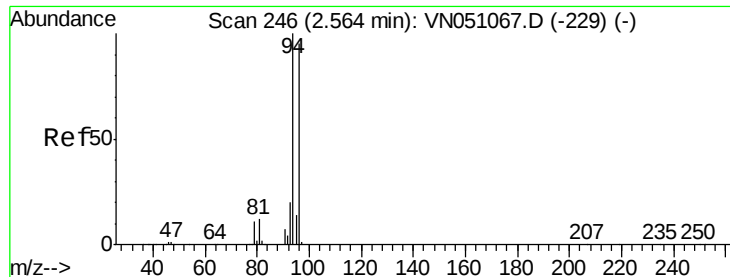
Tgt Ion: 62 Resp: 426490

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 49.06 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

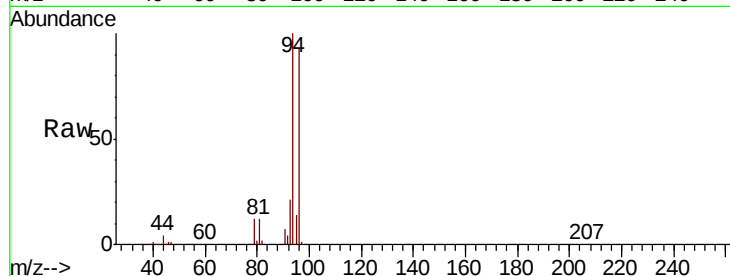
VSTDCCC050

Tot Ion: 94 Resp: 258417

Ion Ratio Lower Upper

94 100

96 92.8 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051110.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051110.D (-153) (-)

2.56

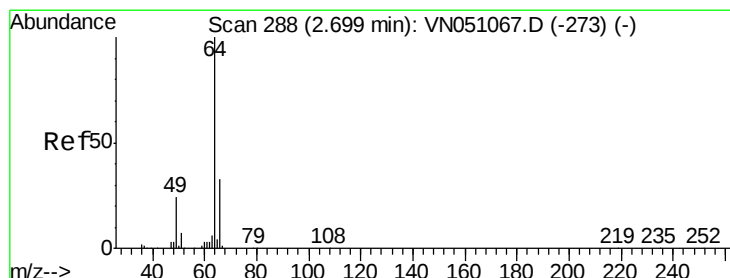
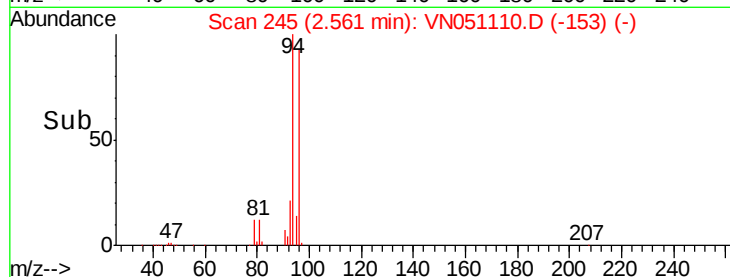
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 45.56 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051110.D

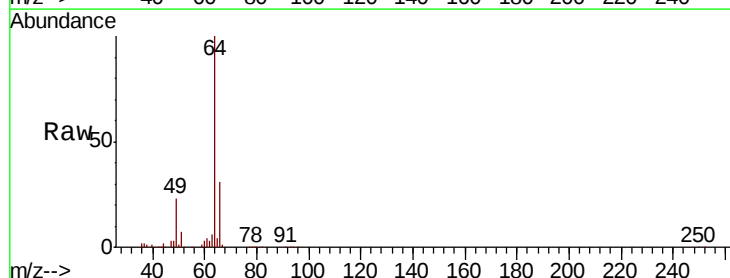
Acq: 11 Sep 2018 7:56

Tgt Ion: 64 Resp: 262353

Ion Ratio Lower Upper

64 100

66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN051110.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051110.D (-195) (-)

2.70

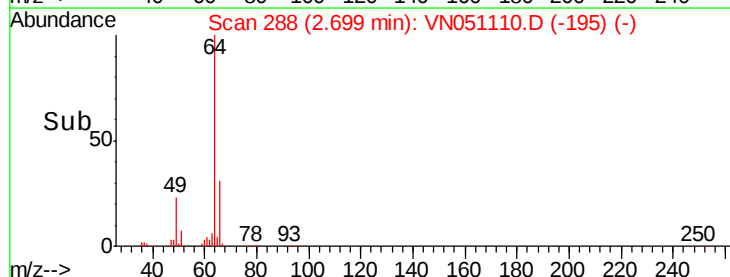
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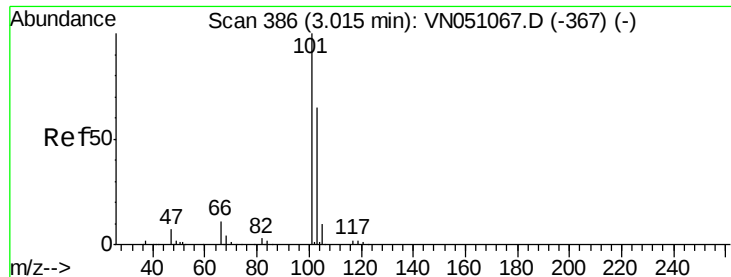
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50000

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Time-->



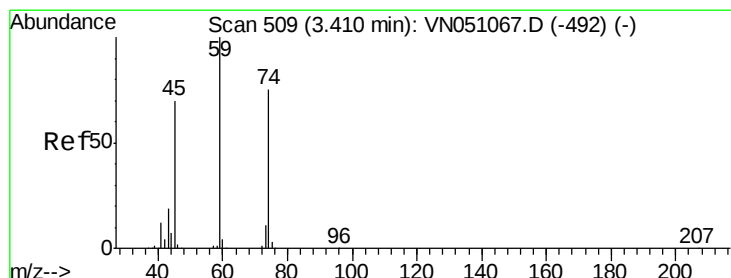
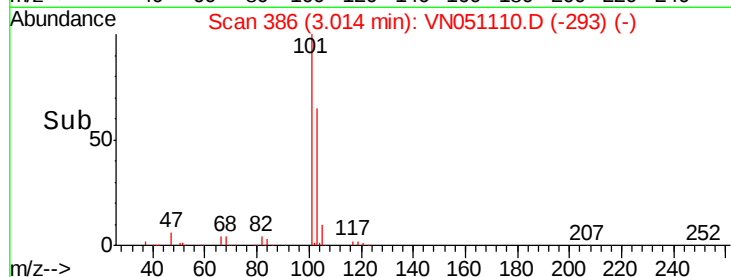
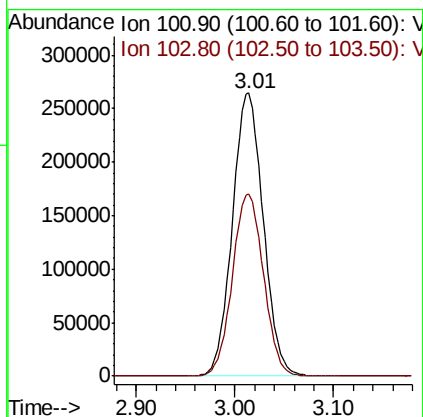
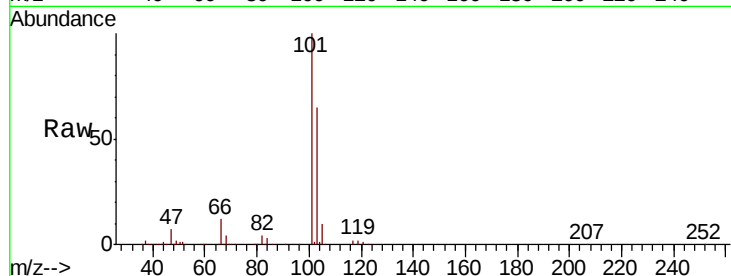


#7

Trichlorofluoromethane
 Concen: 46.67 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Instrument :
 MSVOA_N
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 VSTDCCC050

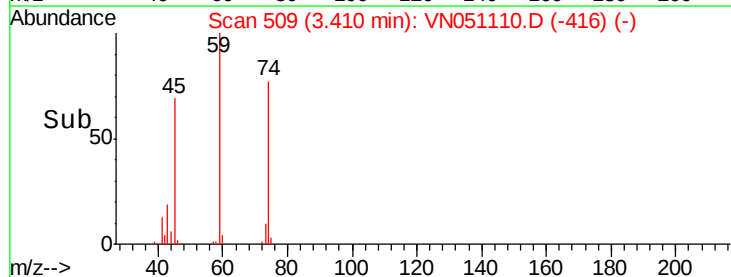
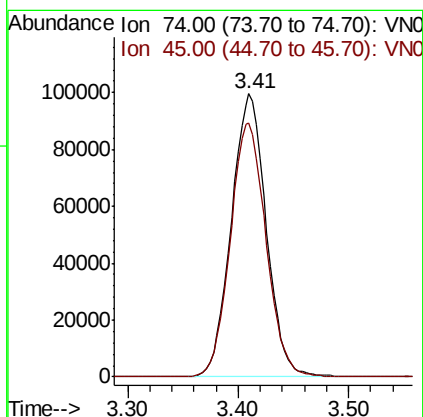
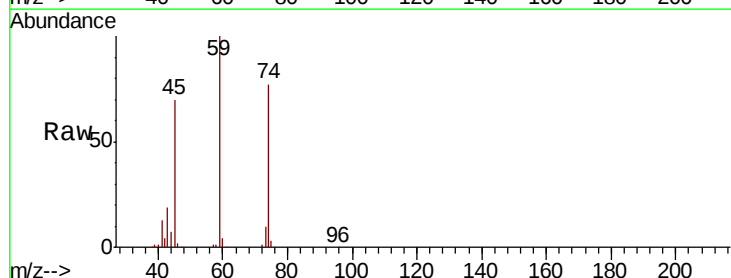
Tot Ion:101 Resp: 576995
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6

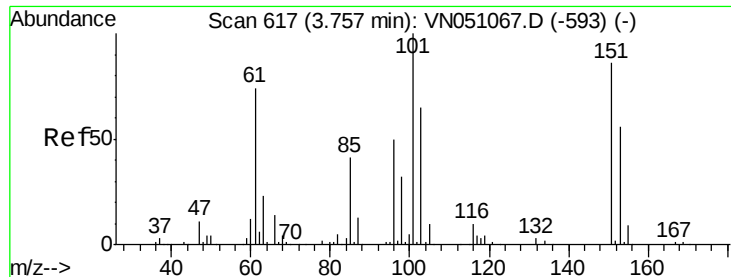


#8

Diethyl Ether
 Concen: 47.99 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion: 74 Resp: 218200
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.38 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

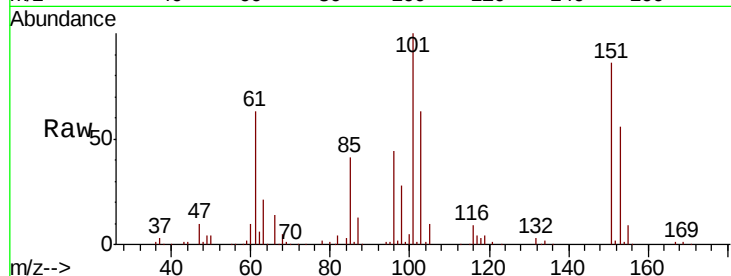
Tot Ion:101 Resp: 377625

Ion Ratio Lower Upper

101 100

85 40.3 33.3 49.9

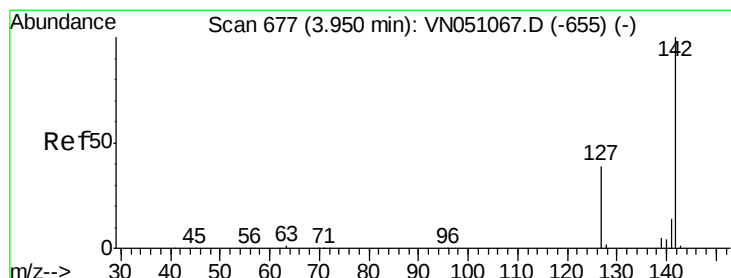
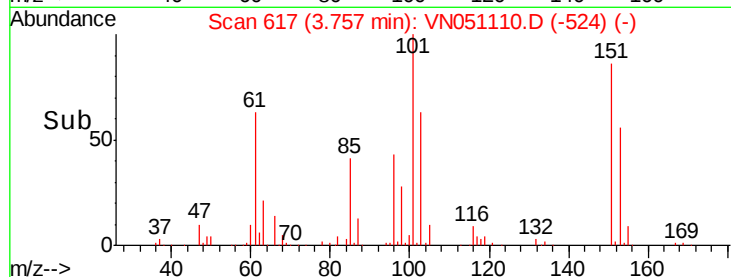
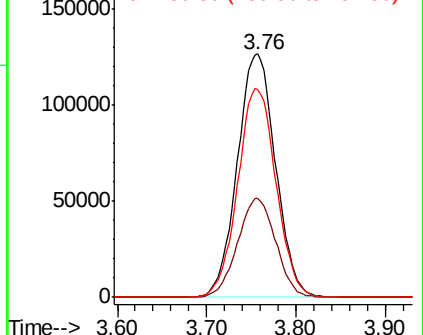
151 86.0 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.37 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

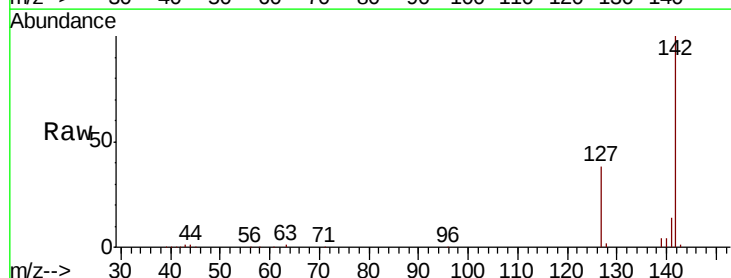
Tgt Ion:142 Resp: 342143

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

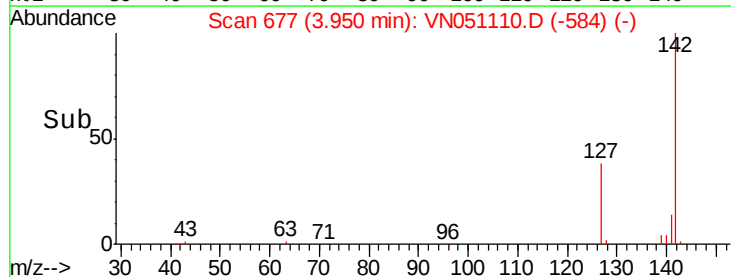
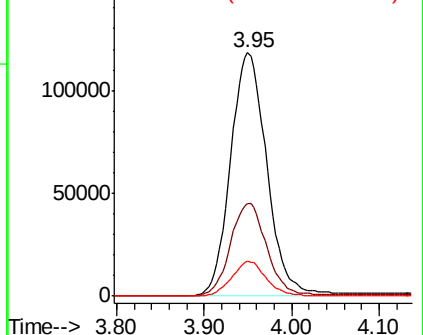
141 13.7 11.3 16.9

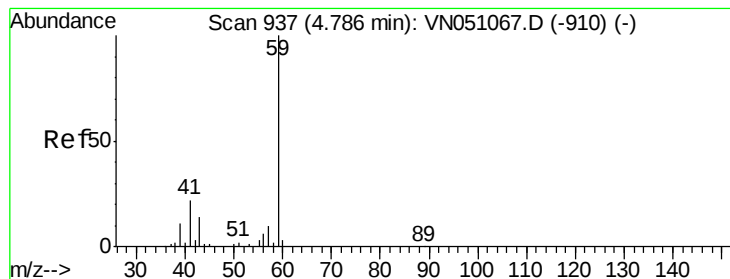


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



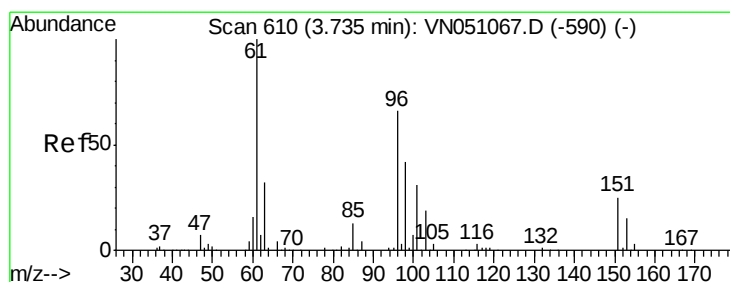
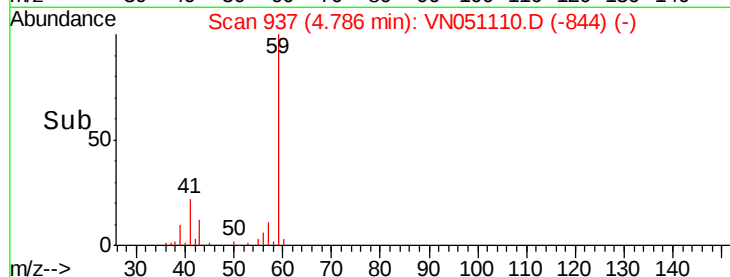
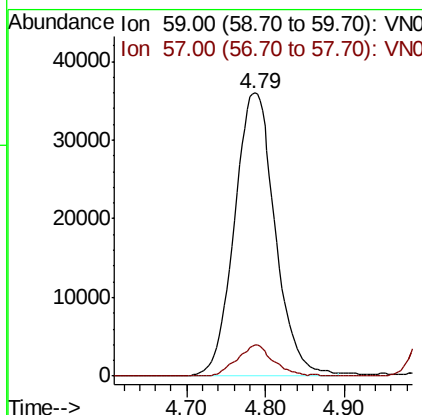
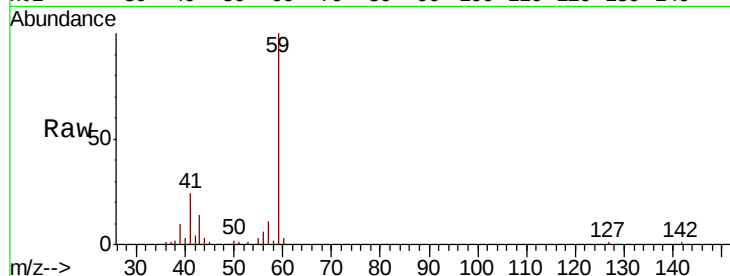


#11

Tert butyl alcohol
 Concen: 217.86 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

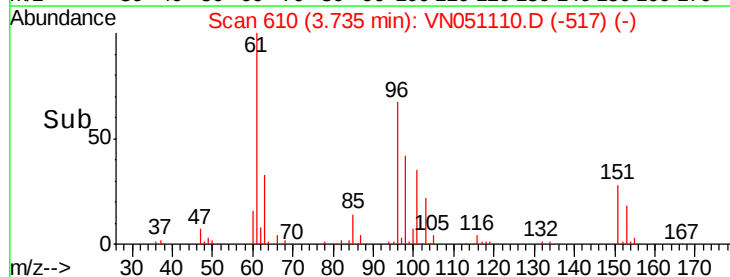
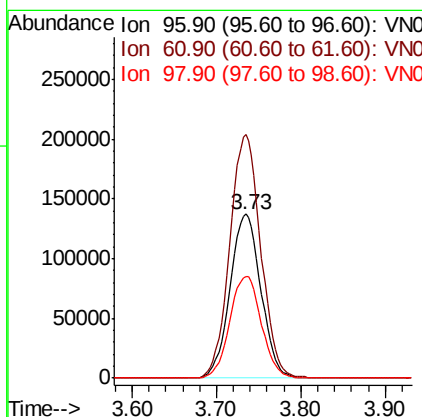
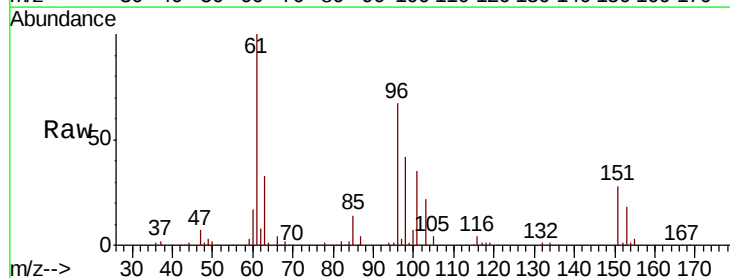
Tot Ion: 59 Resp: 130527
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.1 12.1

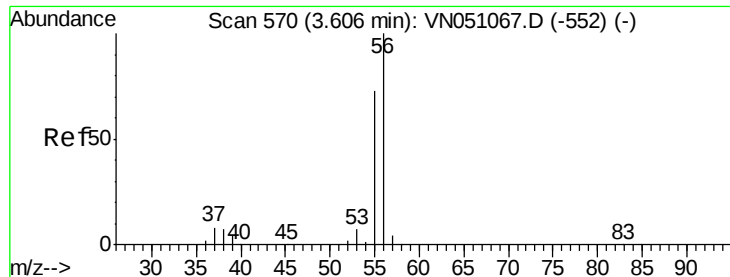


#12

1,1-Dichloroethene
 Concen: 46.53 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion: 96 Resp: 349805
 Ion Ratio Lower Upper
 96 100
 61 148.4 120.3 180.5
 98 62.1 50.8 76.2





#13

Acrolein

Concen: 238.42 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

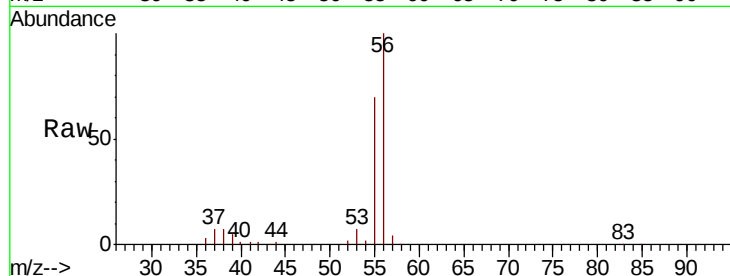
VSTDCCC050

Tot Ion: 56 Resp: 173441

Ion Ratio Lower Upper

56 100

55 70.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

60000

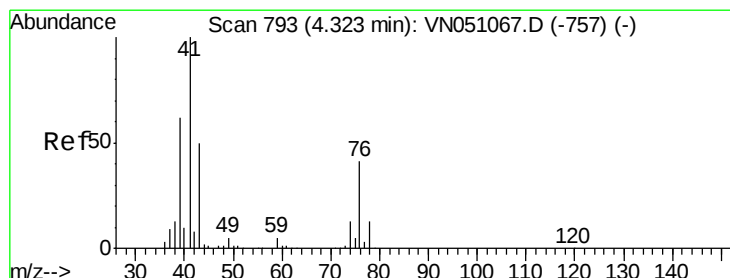
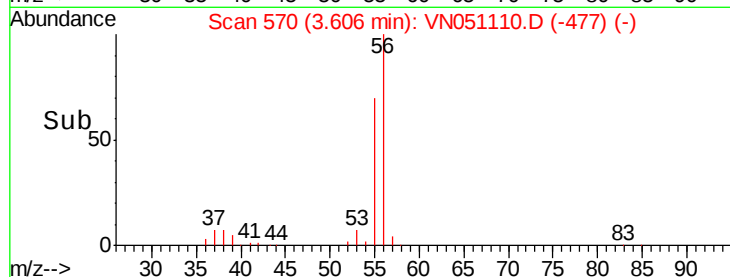
40000

20000

0

Time-->

3.50 3.60 3.70 3.80



#14

Allyl chloride

Concen: 47.70 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

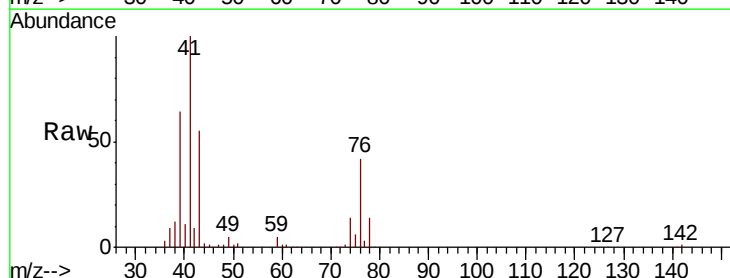
Tgt Ion: 41 Resp: 546375

Ion Ratio Lower Upper

41 100

39 60.4 48.8 73.2

76 38.3 30.6 45.8



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

200000

150000

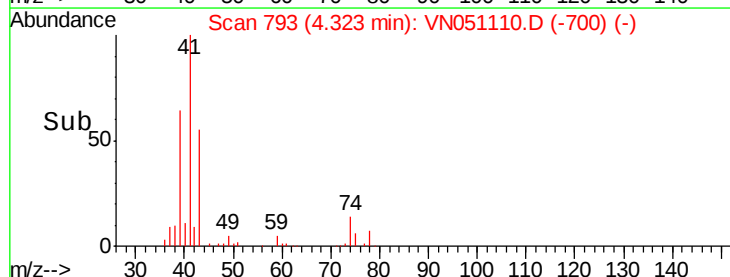
100000

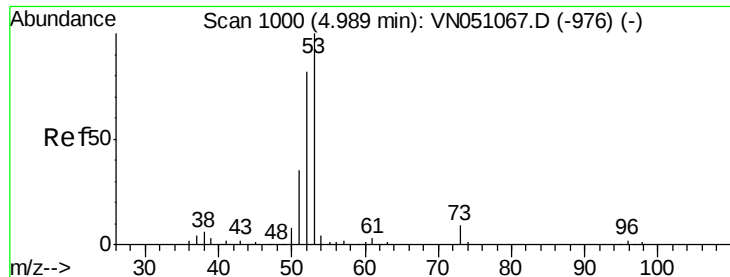
50000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 234.21 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

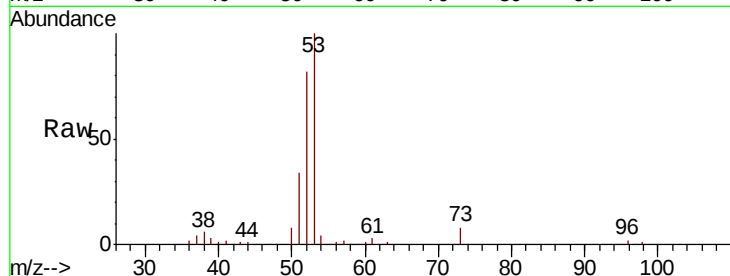
Tot Ion: 53 Resp: 621762

Ion Ratio Lower Upper

53 100

52 82.7 65.3 97.9

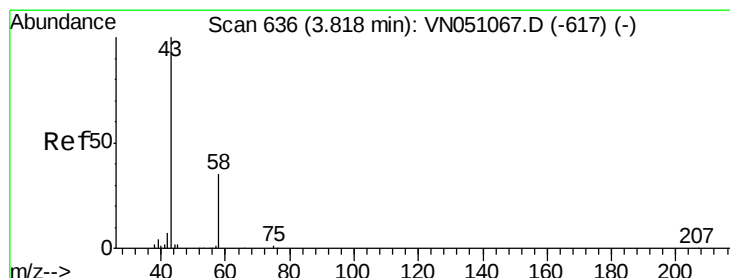
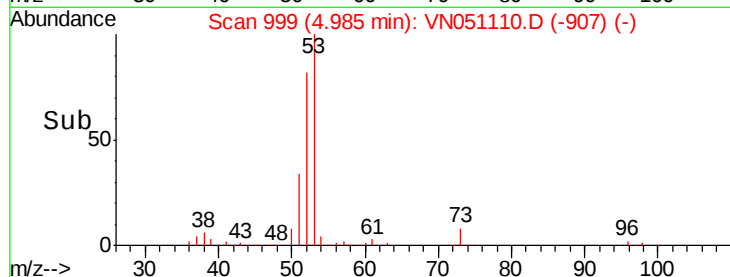
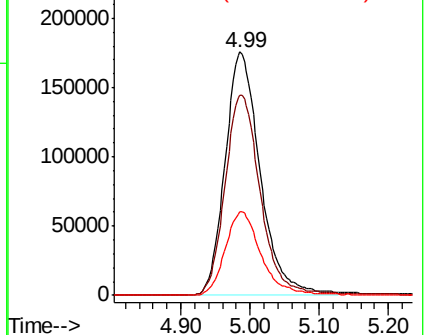
51 35.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 275.42 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051110.D

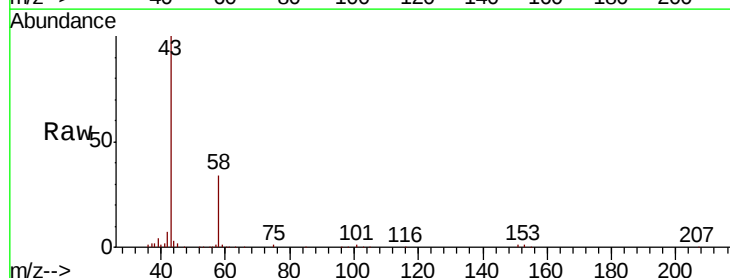
Acq: 11 Sep 2018 7:56

Tgt Ion: 43 Resp: 533014

Ion Ratio Lower Upper

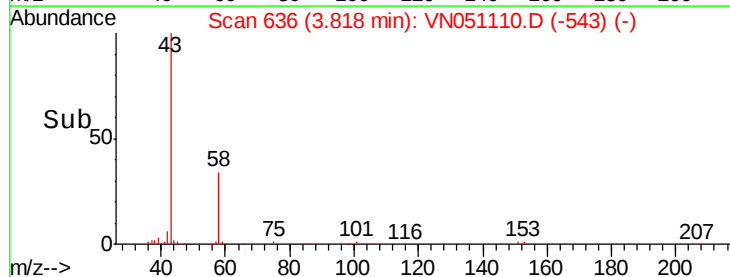
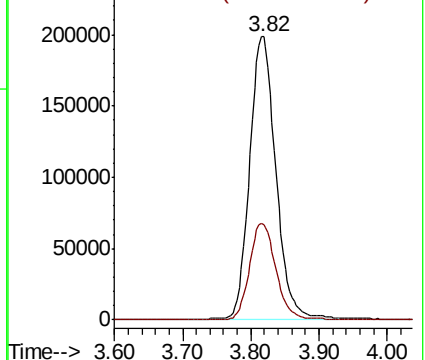
43 100

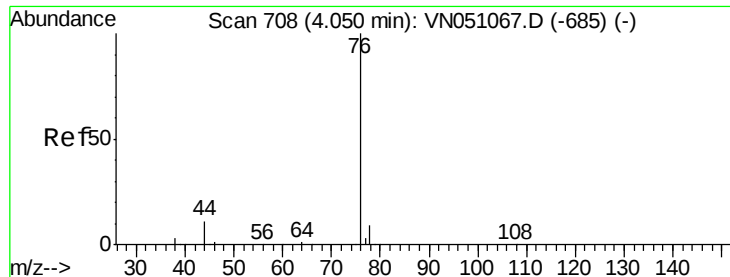
58 33.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

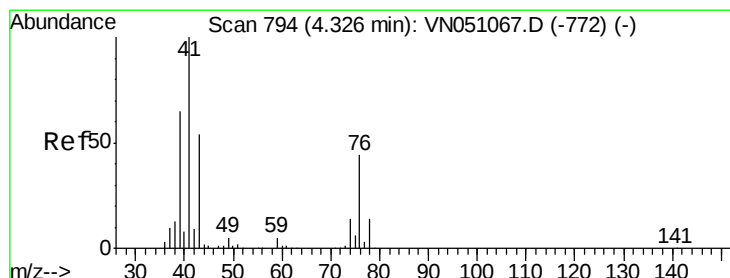
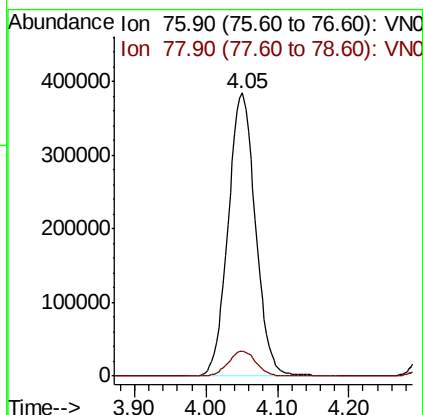
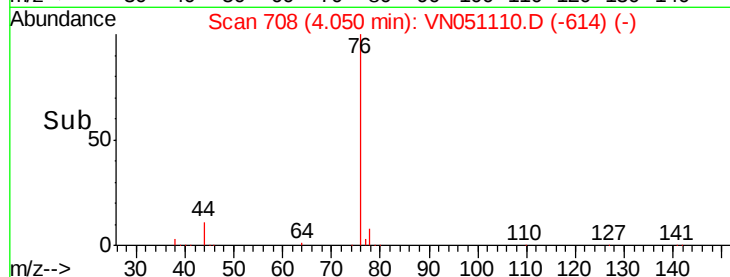
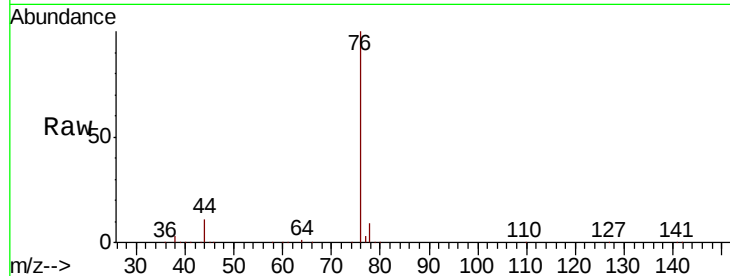




#17
Carbon Disulfide
Concen: 46.34 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

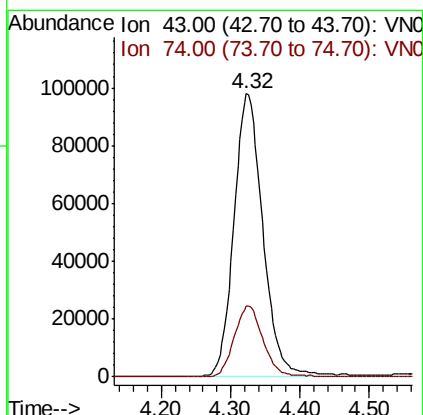
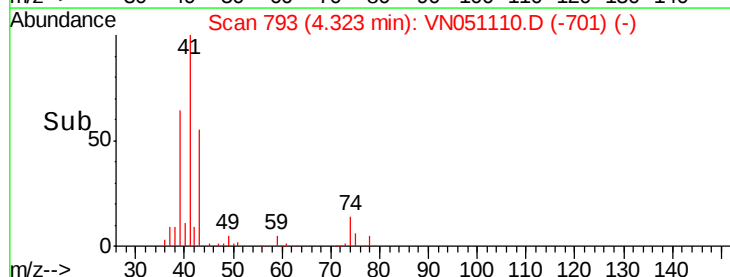
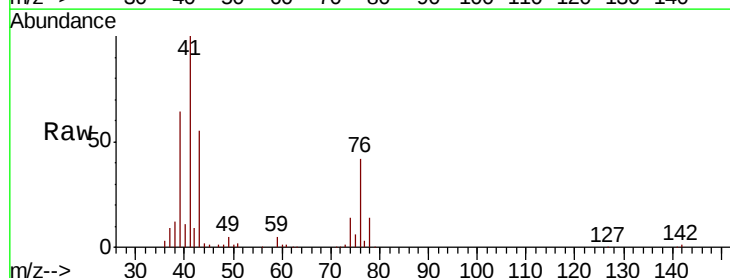
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

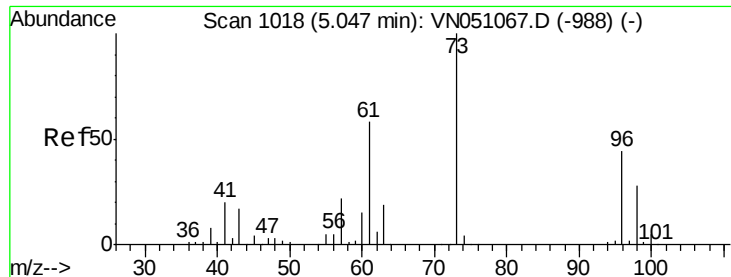
Tot Ion: 76 Resp: 1026576
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 45.22 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 43 Resp: 284034
Ion Ratio Lower Upper
43 100
74 24.9 20.7 31.1

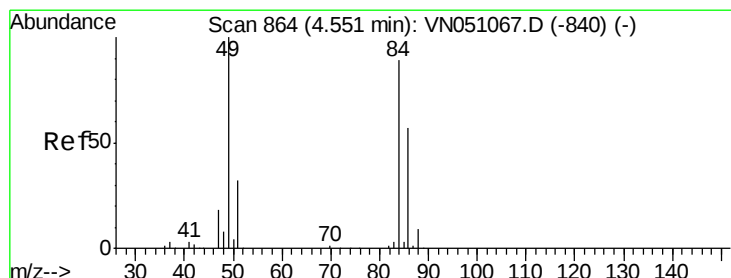
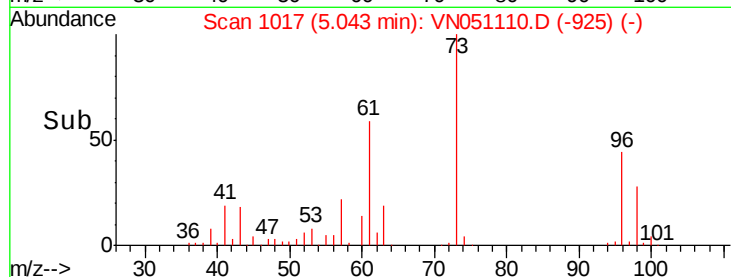
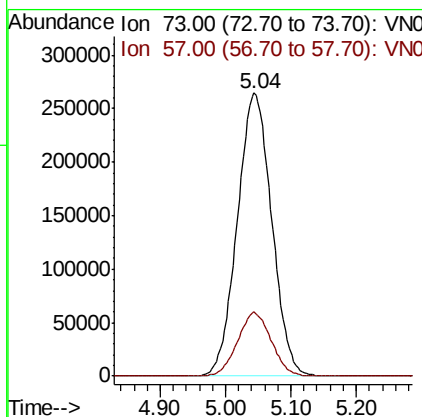
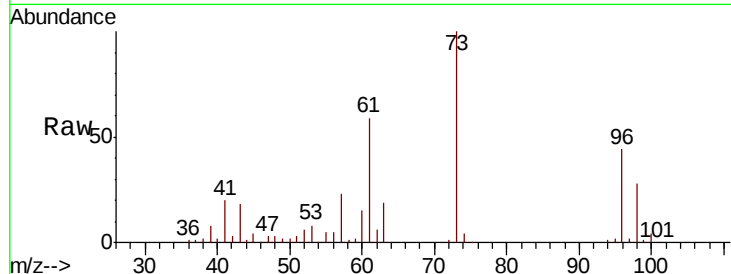




#19
Methvl tert-butvl Ether
Concen: 48.72 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

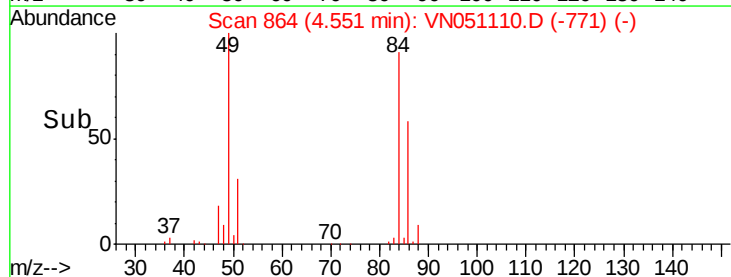
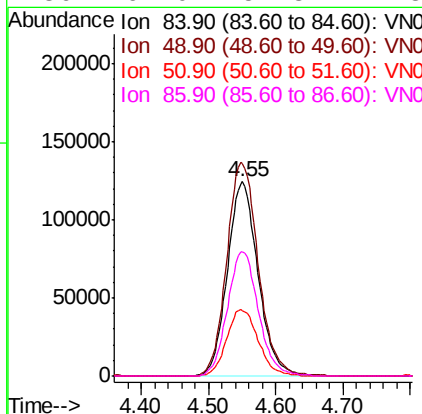
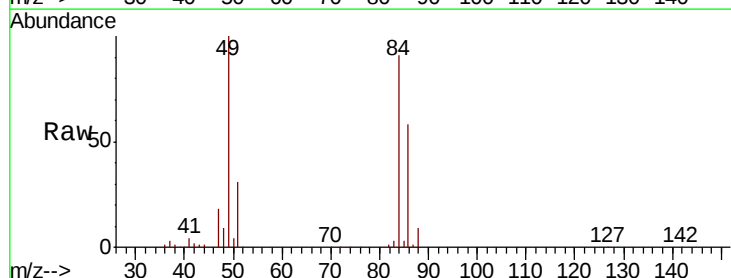
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

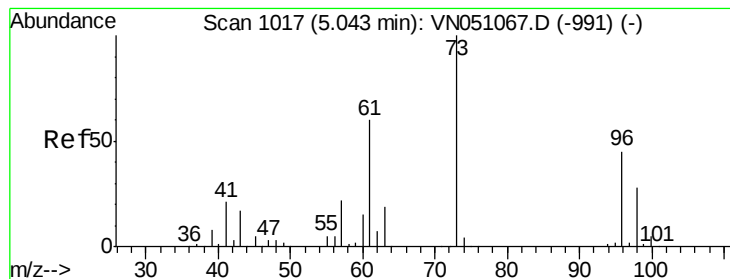
Tot Ion: 73 Resp: 968332
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 45.61 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 84 Resp: 395162
Ion Ratio Lower Upper
84 100
49 109.4 90.2 135.2
51 33.8 28.4 42.6
86 64.0 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 46.03 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

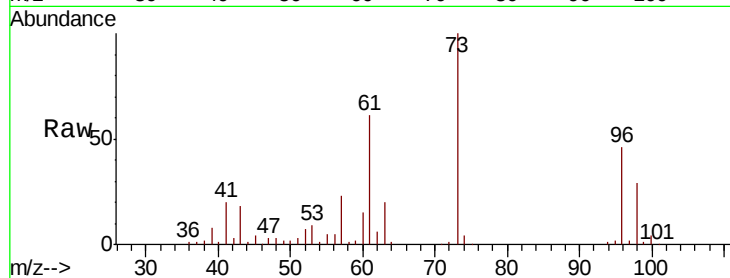
Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 375407

Ion	Ratio	Lower	Upper
96	100		
61	133.3	106.5	159.7
98	62.5	50.4	75.6

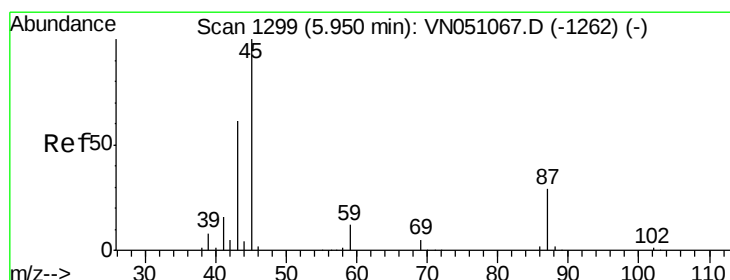
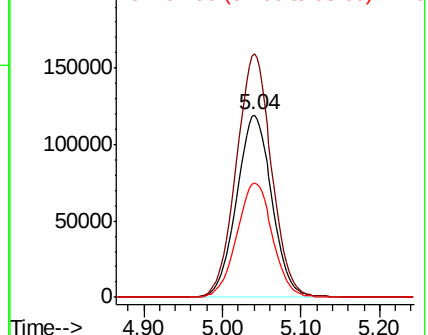
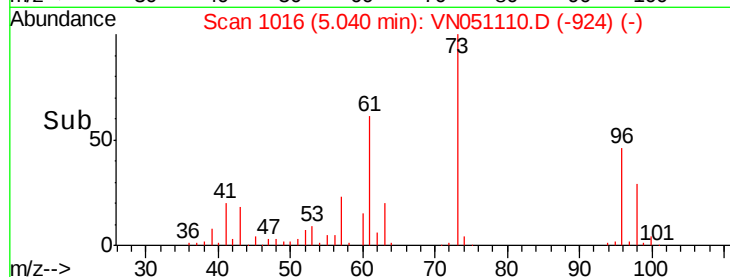


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.51 ug/l

RT: 5.95 min Scan# 1299

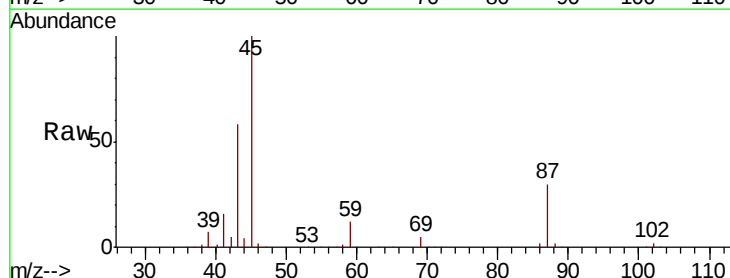
Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Tgt Ion: 45 Resp: 1125721

Ion	Ratio	Lower	Upper
45	100		
43	57.0	48.8	73.2
87	30.3	23.8	35.8
59	11.9	9.6	14.4



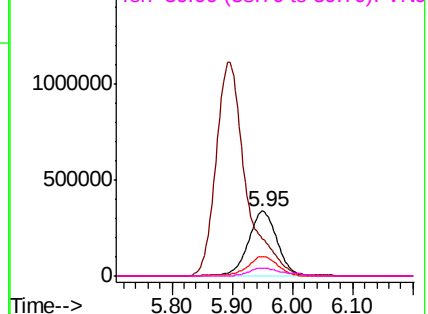
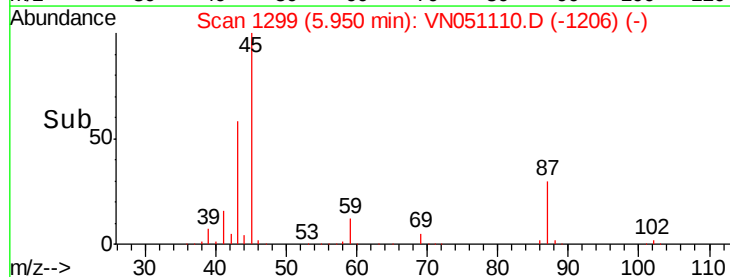
Abundance

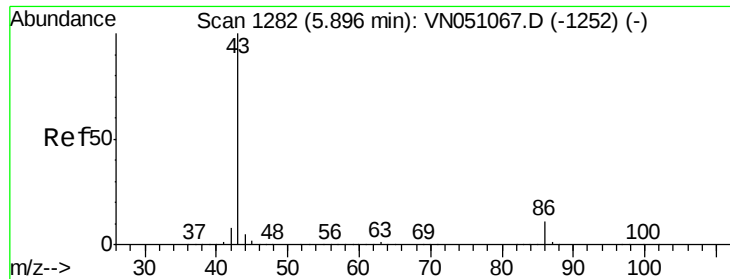
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 247.63 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

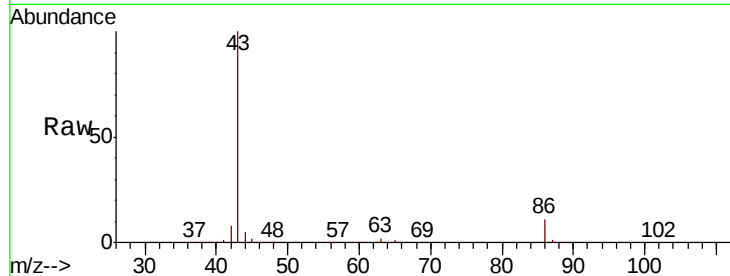
VSTDCCC050

Tot Ion: 43 Resp: 3810362

Ion Ratio Lower Upper

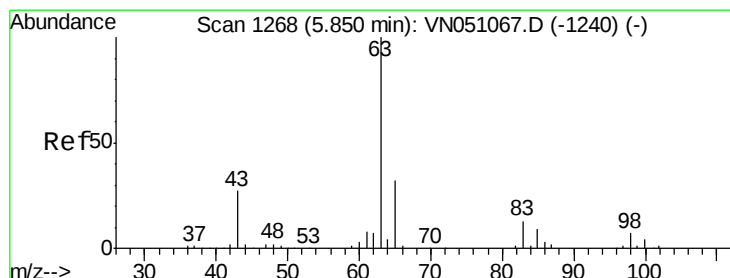
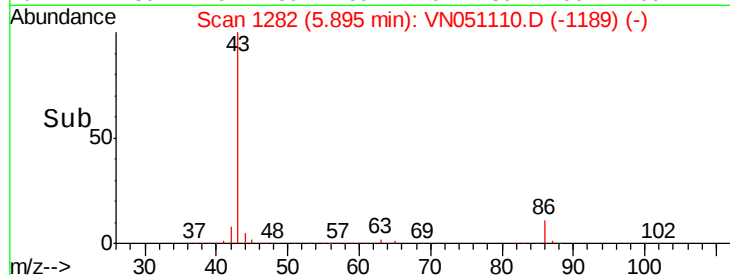
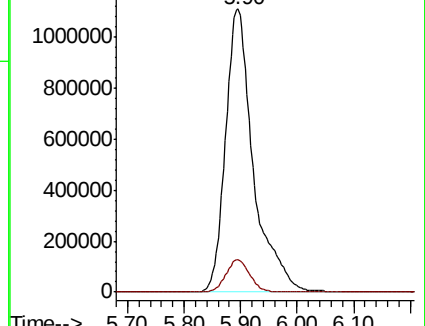
43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN051110.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN051110.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 47.04 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

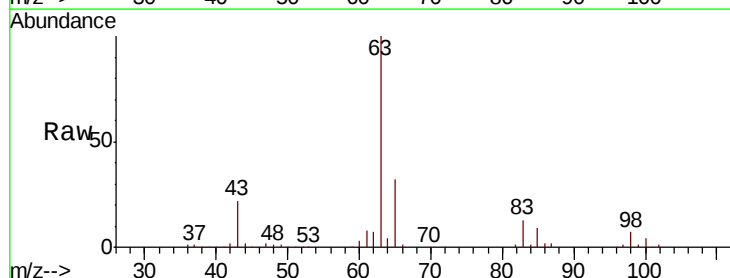
Tgt Ion: 63 Resp: 678656

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

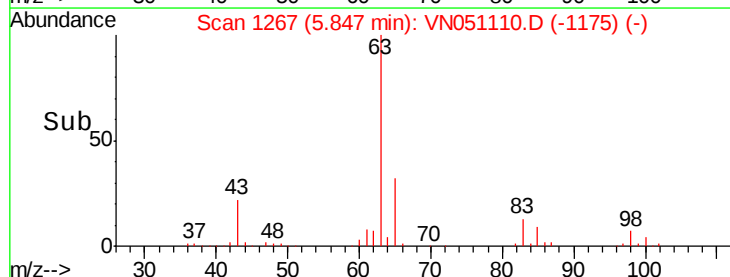
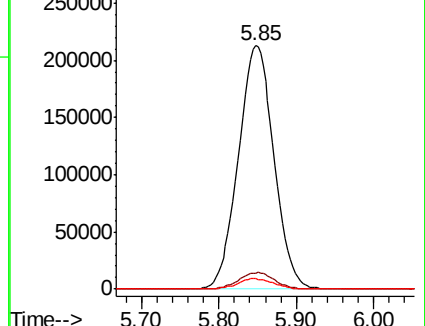
100 4.1 2.1 6.3

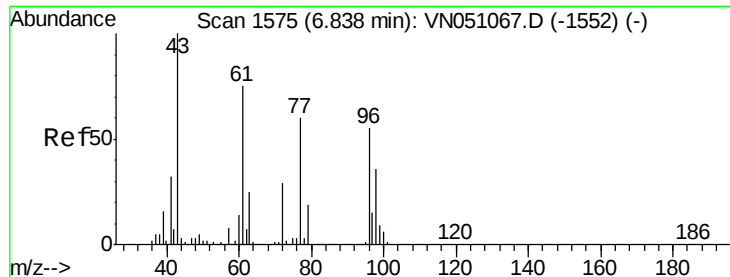


Abundance Ion 62.90 (62.60 to 63.60): VN051110.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN051110.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN051110.D (-1175) (-)

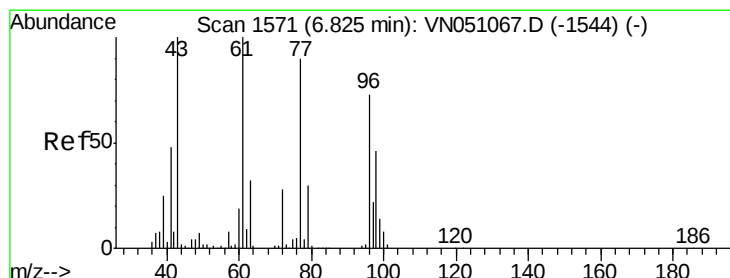
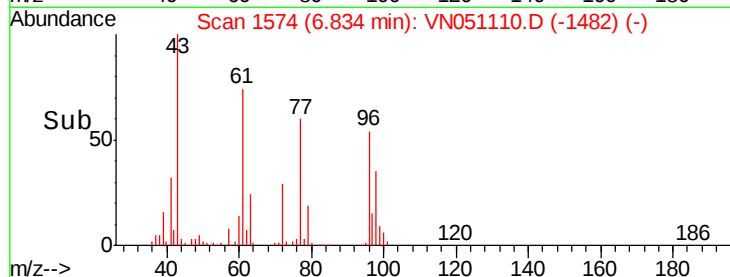
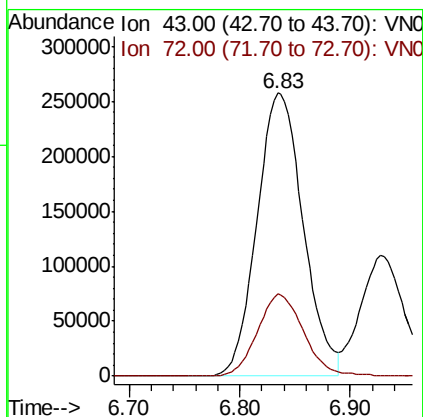
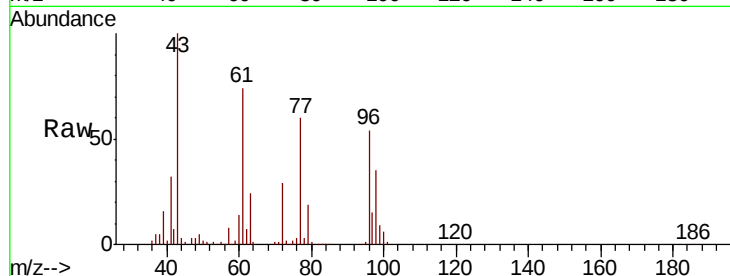




#25
 2-Butanone
 Concen: 241.83 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

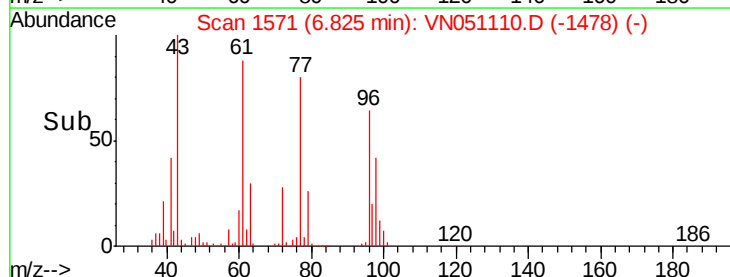
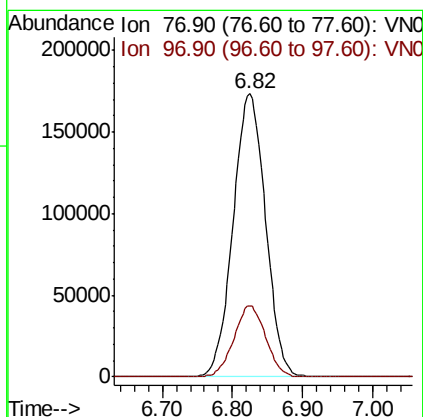
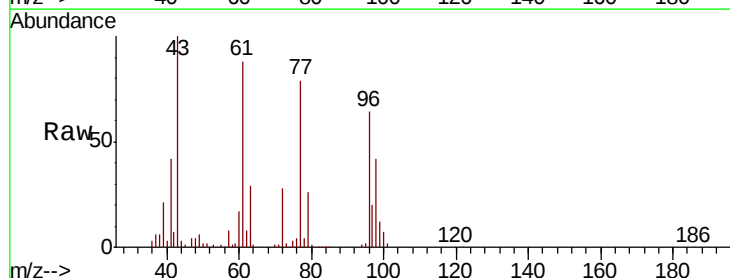
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

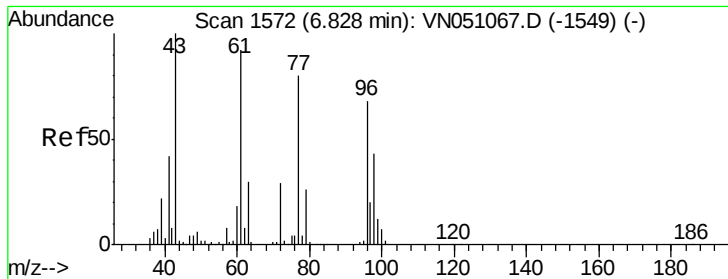
Tot Ion: 43 Resp: 745776
 Ion Ratio Lower Upper
 43 100
 72 29.0 23.0 34.6



#26
 2,2-Dichloropropane
 Concen: 47.10 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion: 77 Resp: 556095
 Ion Ratio Lower Upper
 77 100
 97 24.7 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 46.90 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

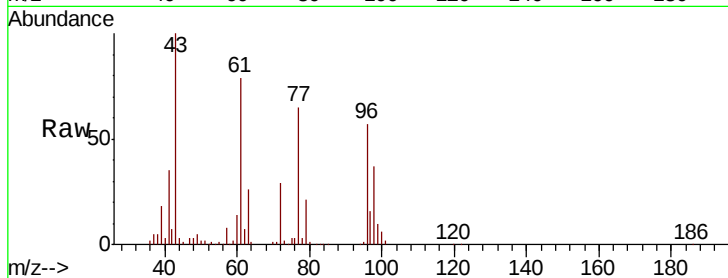
Tot Ion: 96 Resp: 419598

Ion Ratio Lower Upper

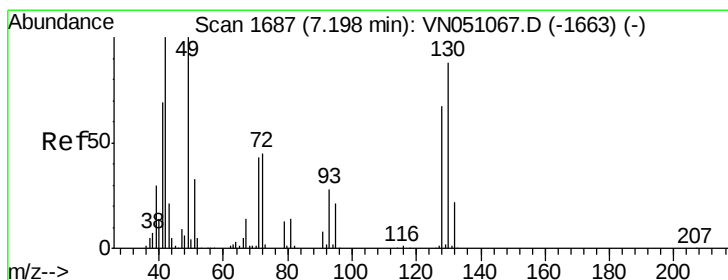
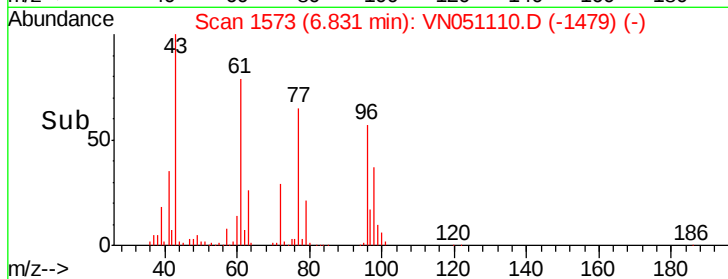
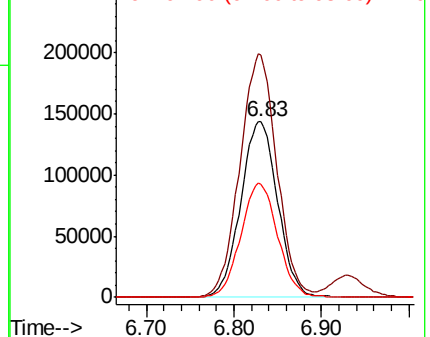
96 100

61 138.5 0.0 278.2

98 65.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.33 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

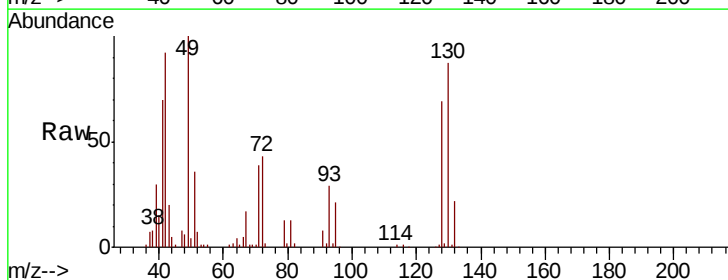
Tgt Ion: 49 Resp: 303886

Ion Ratio Lower Upper

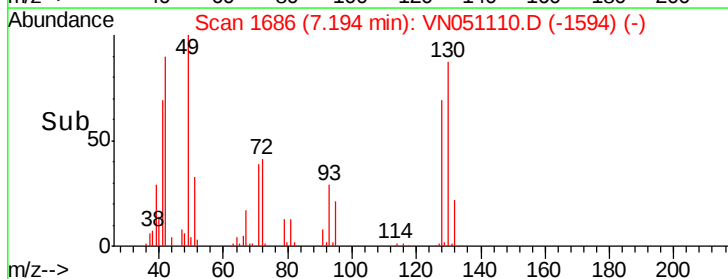
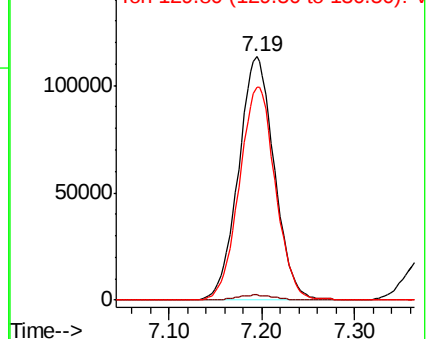
49 100

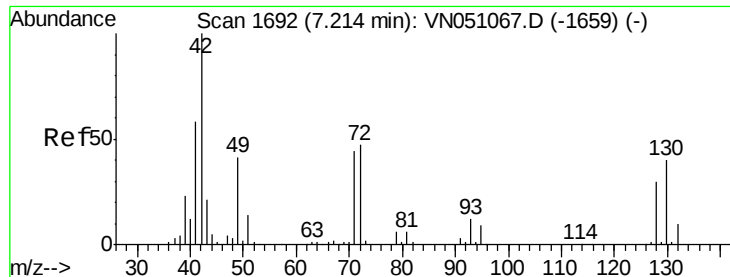
129 2.1 0.0 4.4

130 88.0 70.7 106.1



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: 238.35 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

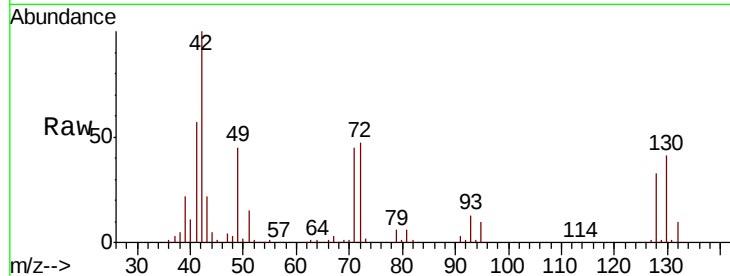
Tot Ion: 42 Resp: 459019

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.0

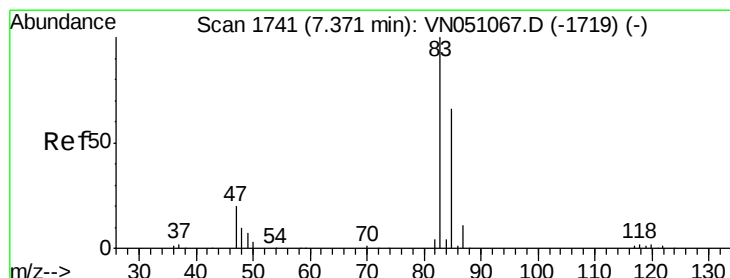
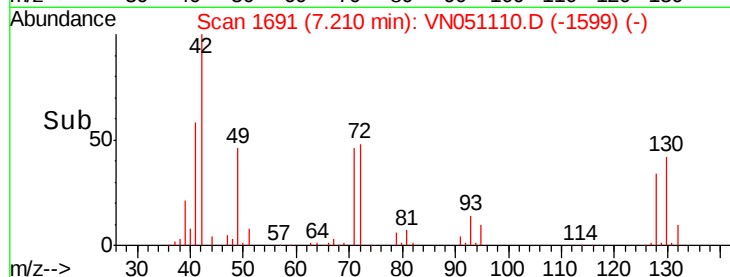
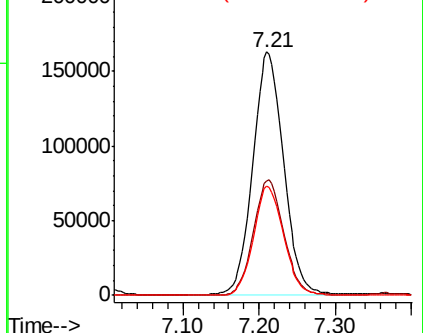
71 43.8 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN051110.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN051110.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN051110.D (-1659) (-)



#30

Chloroform

Concen: 46.95 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051110.D

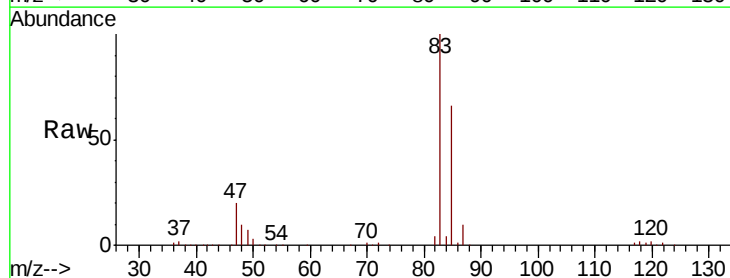
Acq: 11 Sep 2018 7:56

Tgt Ion: 83 Resp: 673773

Ion Ratio Lower Upper

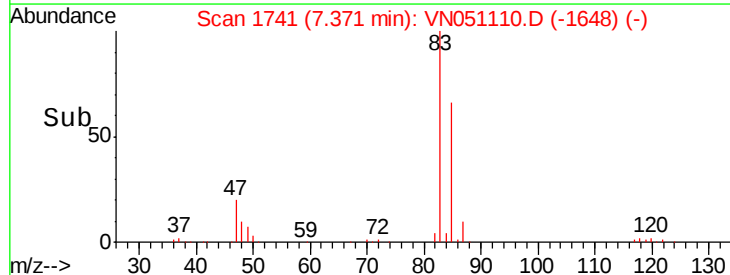
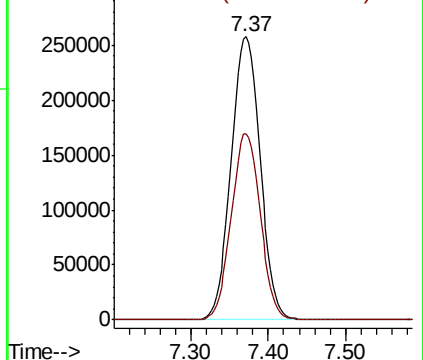
83 100

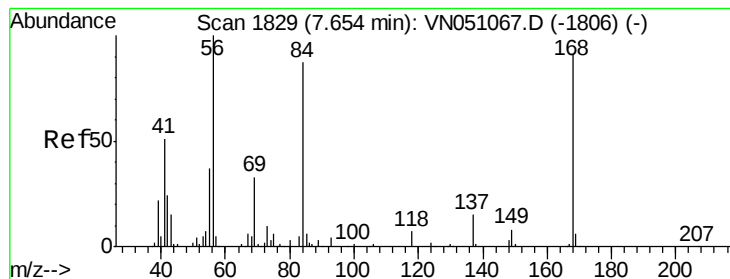
85 66.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN051110.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN051110.D (-1648) (-)





#31

Cyclohexane

Concen: 48.54 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

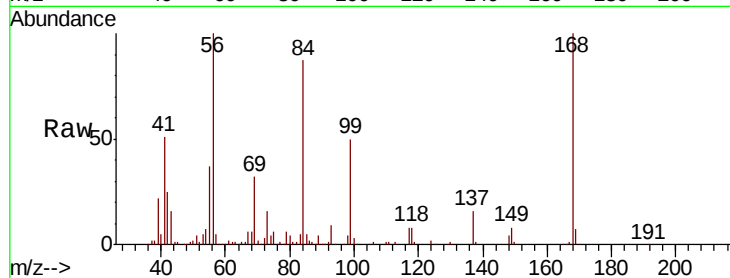
Tot Ion: 56 Resp: 624456

Ion Ratio Lower Upper

56 100

69 32.1 26.3 39.5

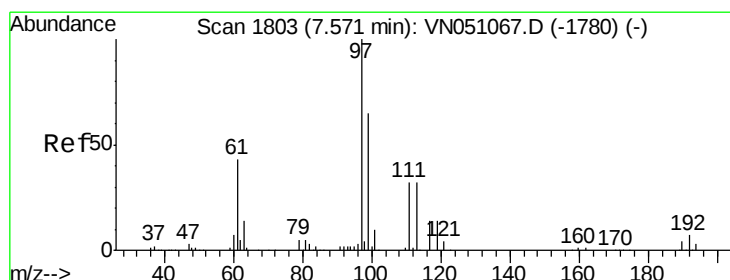
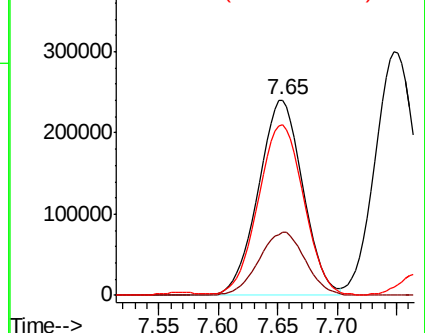
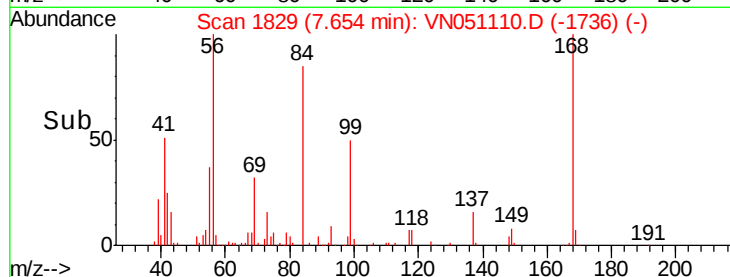
84 86.2 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN051110.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051110.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051110.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 47.60 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

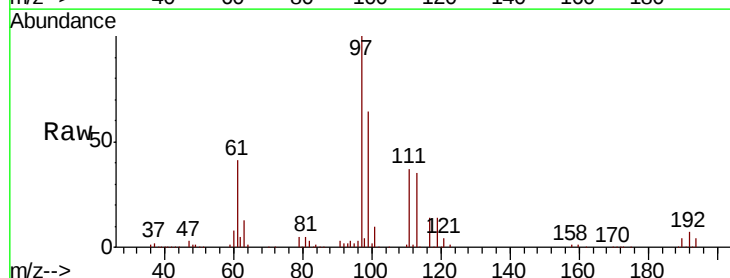
Tgt Ion: 97 Resp: 582120

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

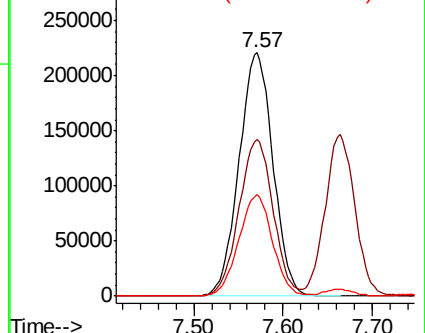
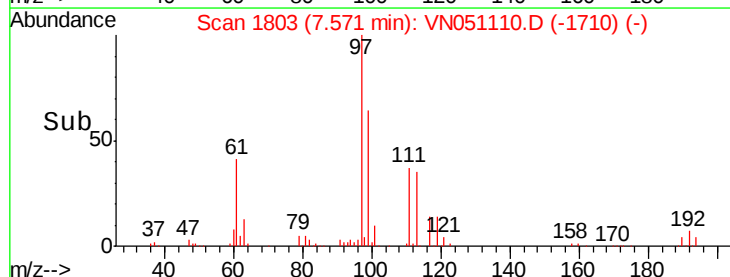
61 41.4 33.8 50.6

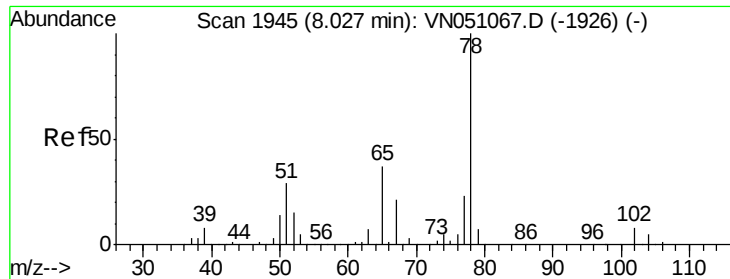


Abundance Ion 96.90 (96.60 to 97.60): VN051110.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051110.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051110.D (-1710) (-)

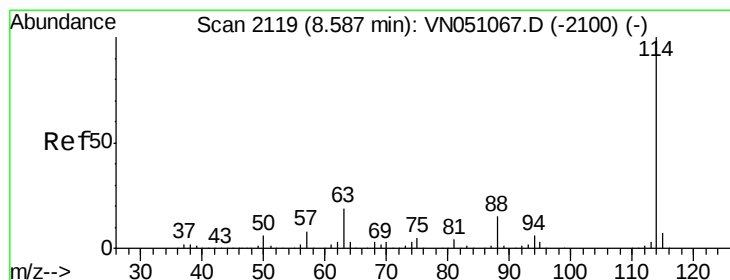
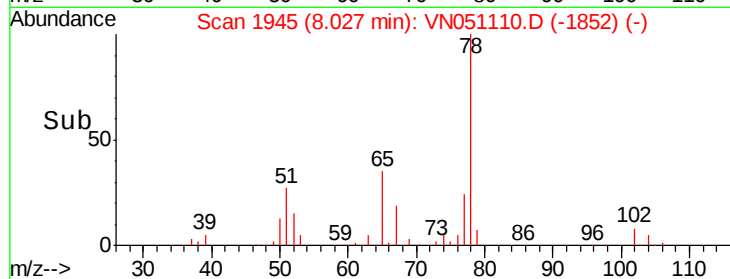
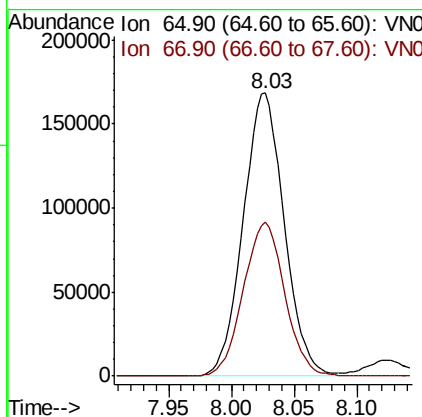
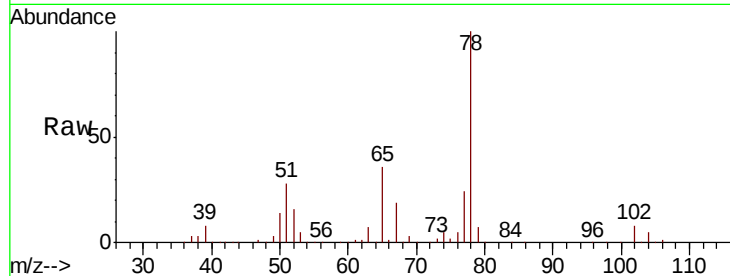




#33
 1,2-Dichloroethane-d4
 Concen: 48.90 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

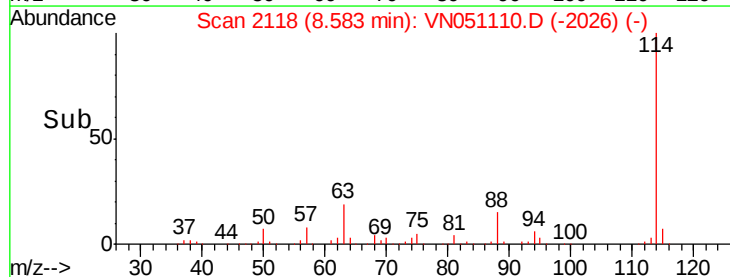
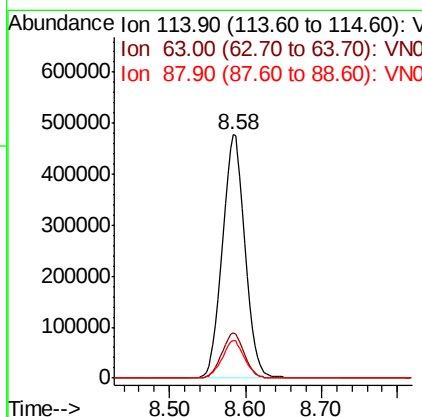
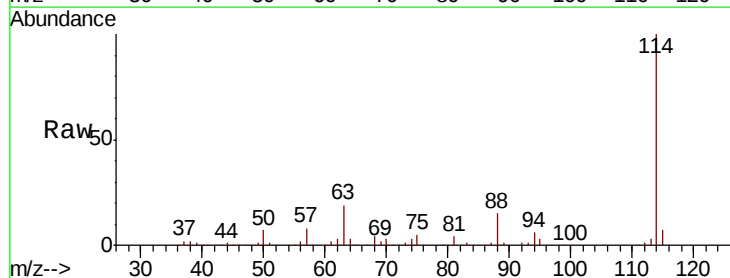
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

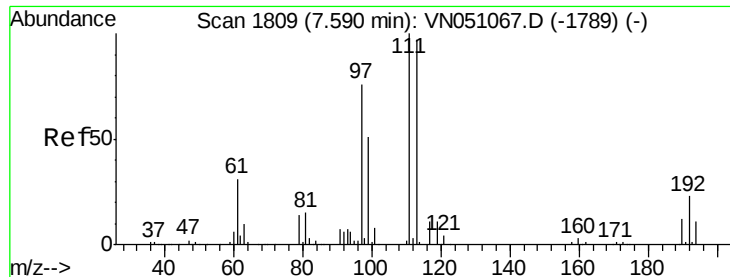
Tot Ion: 65 Resp: 383599
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion: 114 Resp: 990172
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.4 0.0 30.8

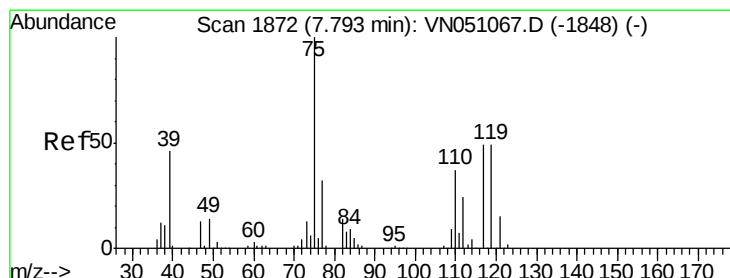
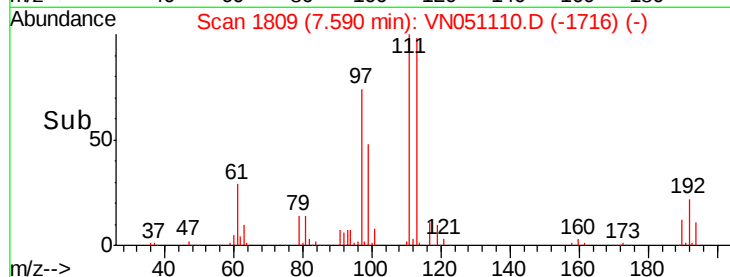
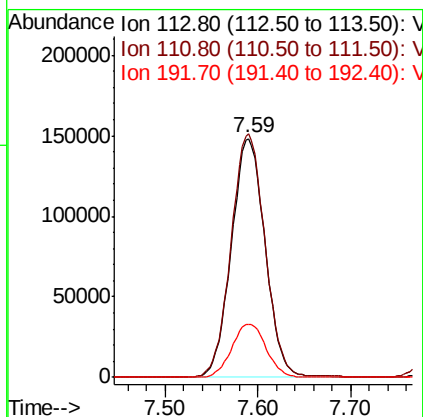
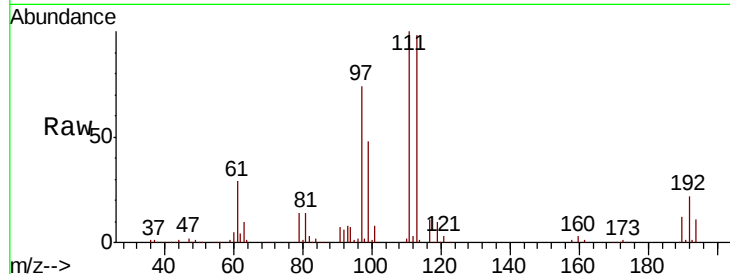




#35
 Dibromofluoromethane
 Concen: 50.35 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

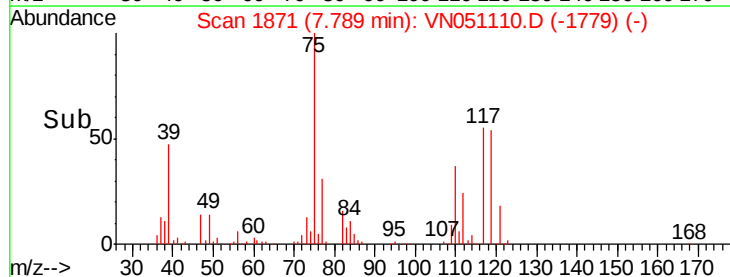
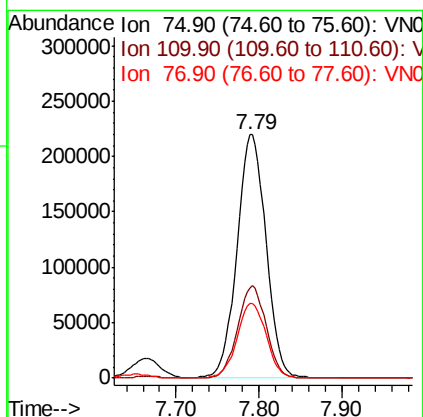
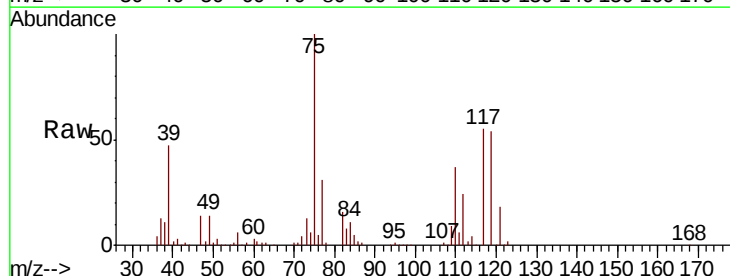
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

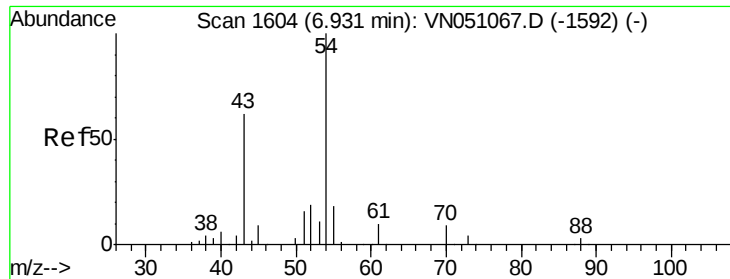
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.6
192	22.7	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 48.97 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.6	55.8
77	31.3	25.2	37.8

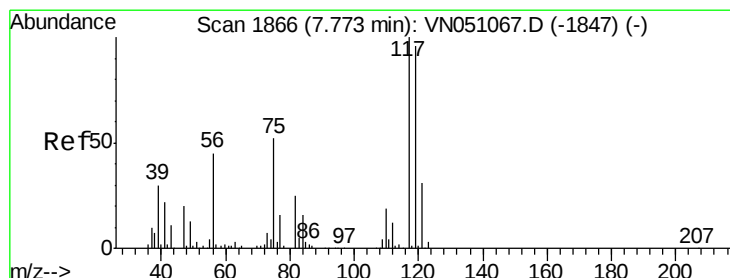
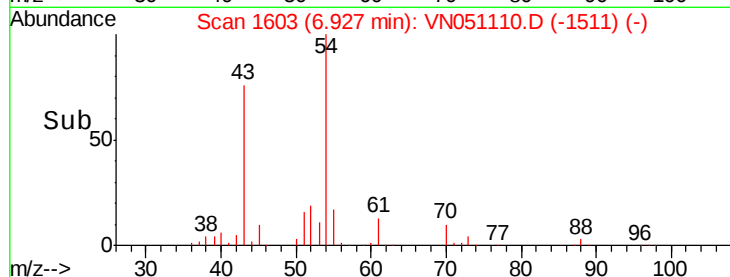
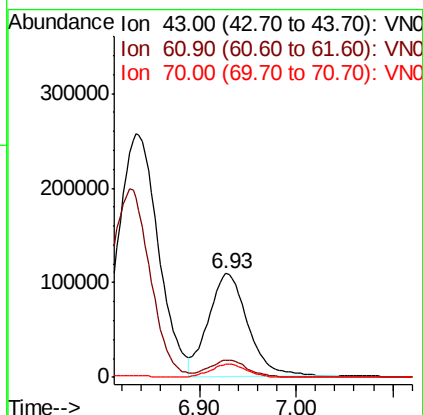
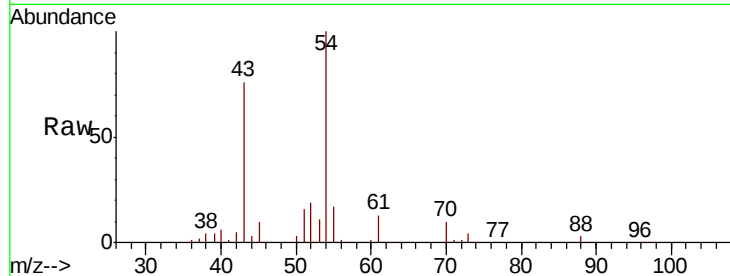




#37
Ethyl Acetate
Concen: 48.86 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

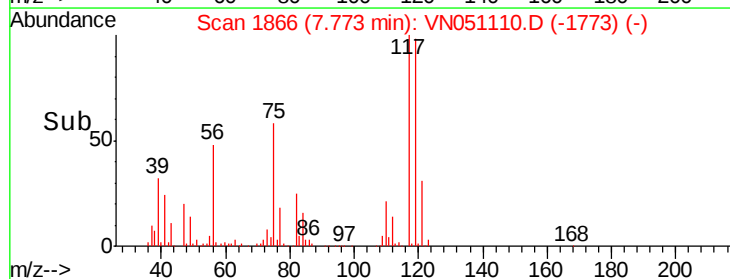
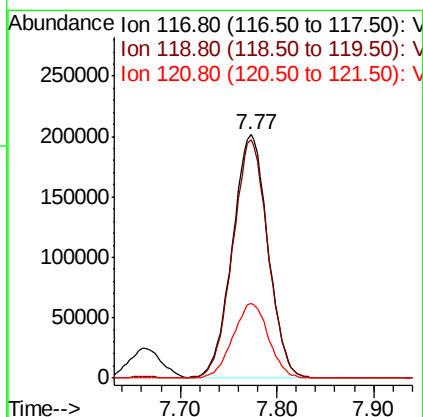
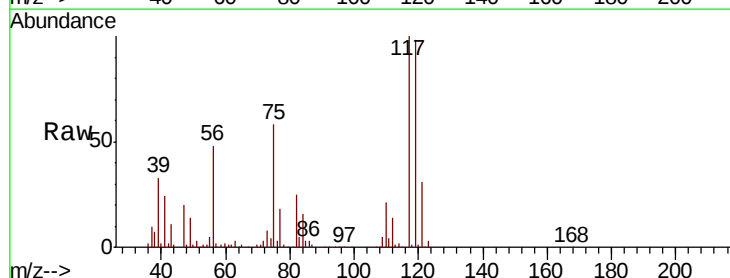
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

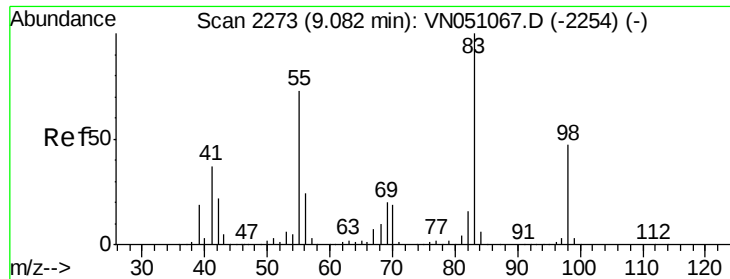
Tot Ion: 43 Resp: 307656
Ion Ratio Lower Upper
43 100
61 16.1 12.4 18.6
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.05 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 117 Resp: 514084
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2
121 30.7 24.6 36.8

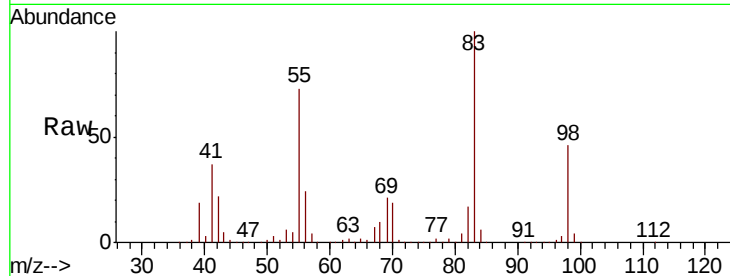




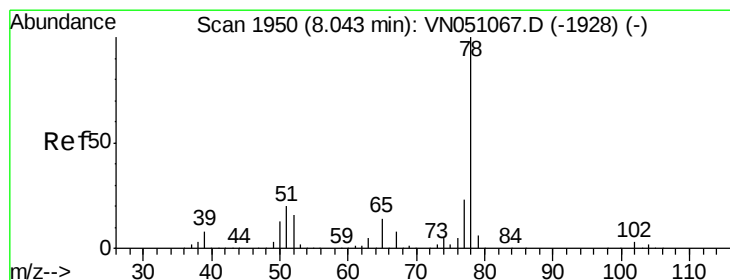
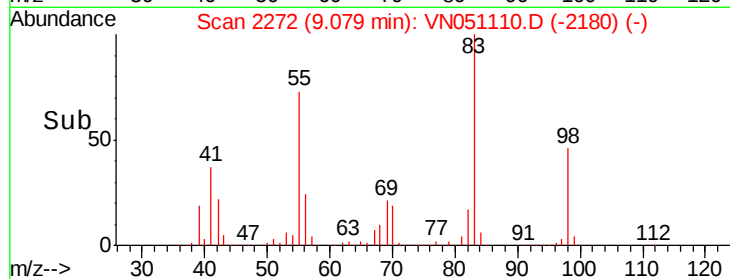
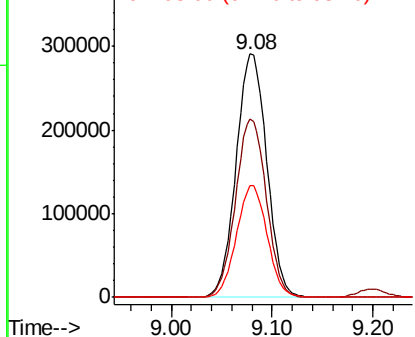
#39
Methvlcvclohexane
Concen: 51.20 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 614093
Ion Ratio Lower Upper
83 100
55 73.3 58.4 87.6
98 45.9 37.3 55.9

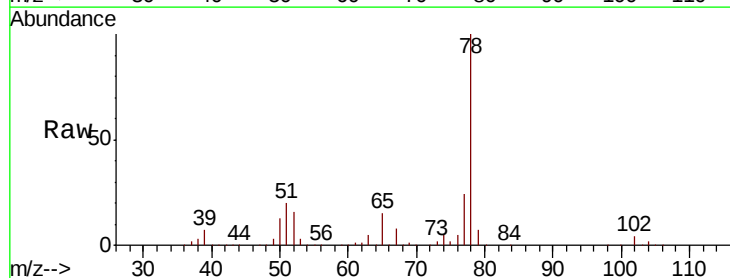


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

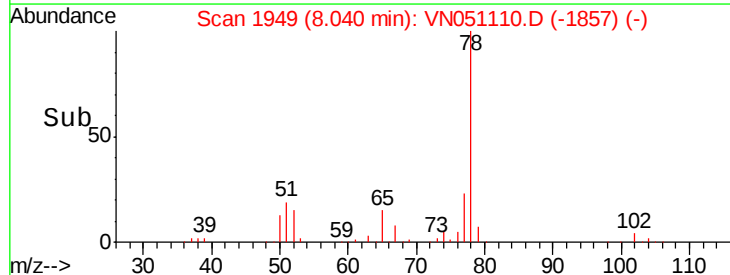
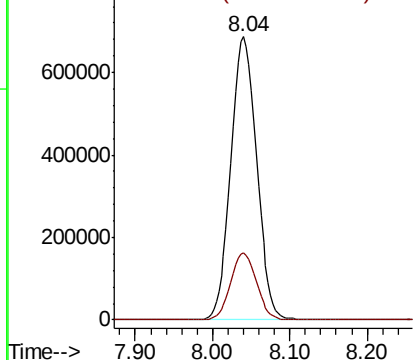


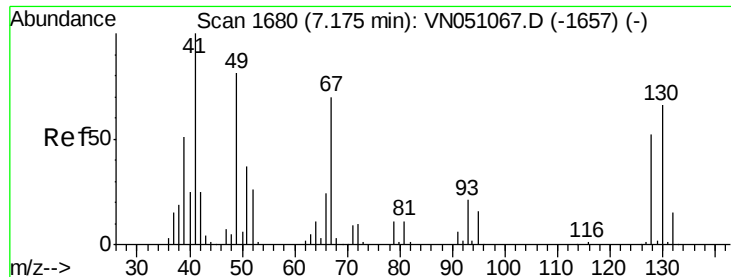
#40
Benzene
Concen: 48.58 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 78 Resp: 1591431
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

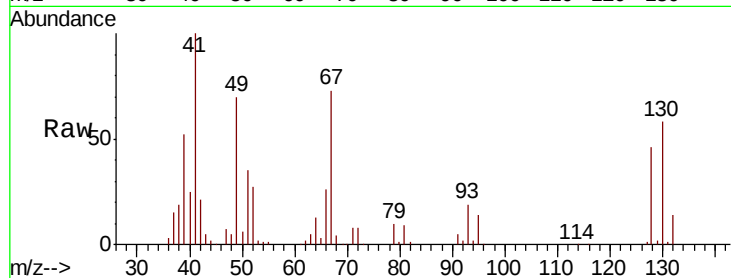




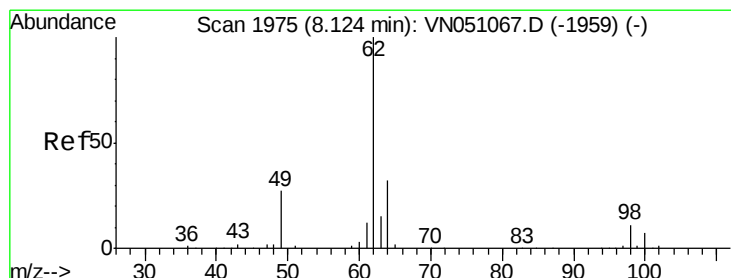
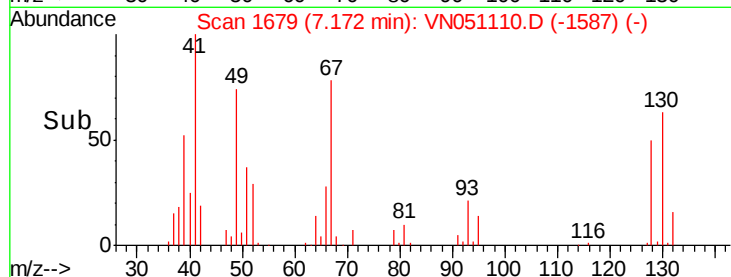
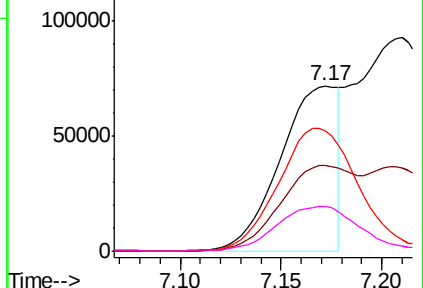
#41
Methacrylonitrile
Concen: 43.76 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 142145
Ion Ratio Lower Upper
41 100
39 70.3 51.3 76.9
67 105.0 78.5 117.7
52 39.0 29.0 43.6

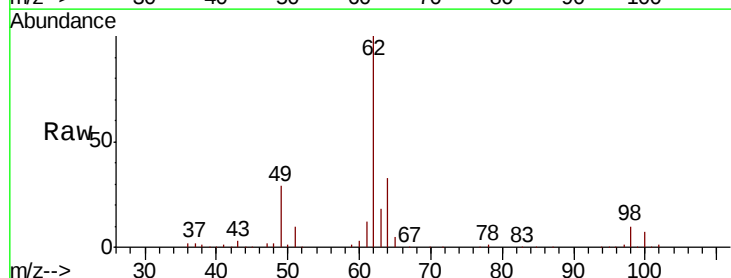


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

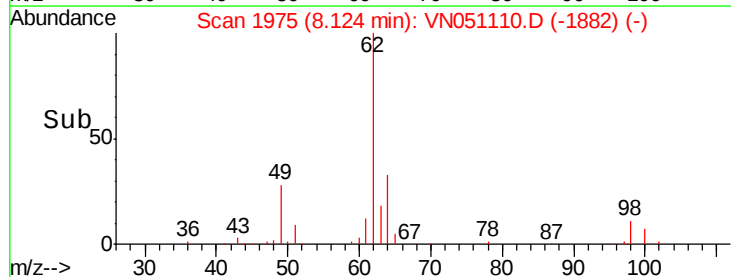
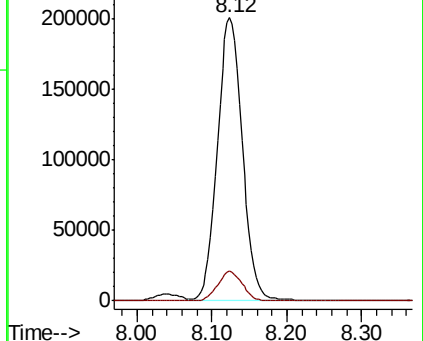


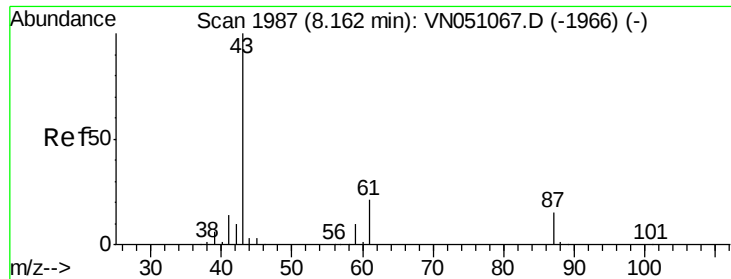
#42
1,2-Dichloroethane
Concen: 48.47 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 62 Resp: 462792
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 50.07 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

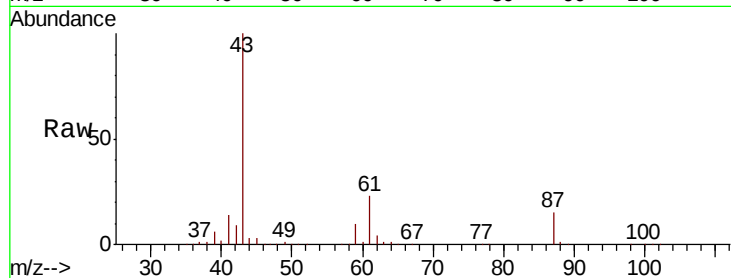
Tot Ion: 43 Resp: 556268

Ion Ratio Lower Upper

43 100

61 31.3 25.0 37.6

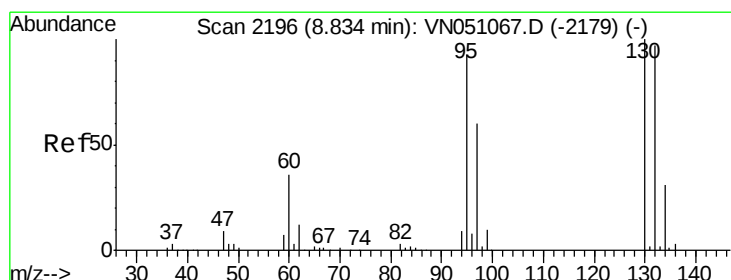
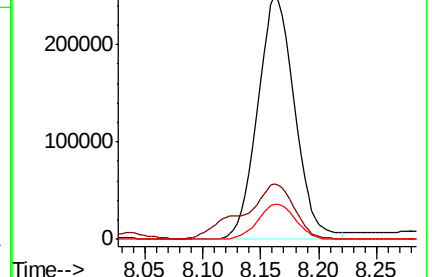
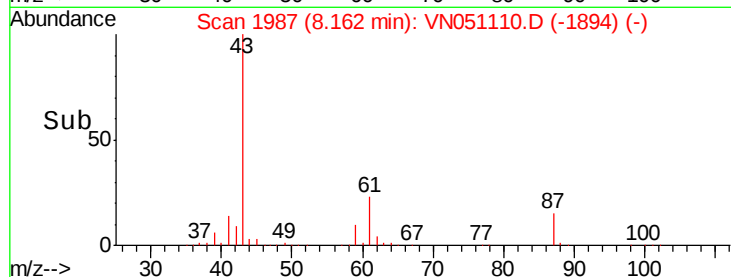
87 14.6 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051110.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN051110.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN051110.D (-1966) (-)



#44

Trichloroethene

Concen: 48.18 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051110.D

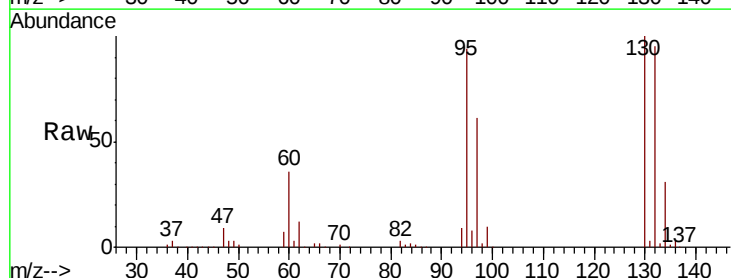
Acq: 11 Sep 2018 7:56

Tgt Ion: 130 Resp: 431711

Ion Ratio Lower Upper

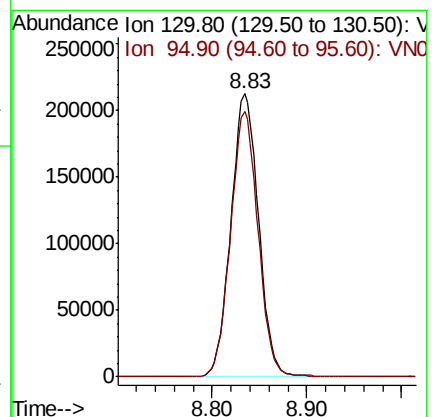
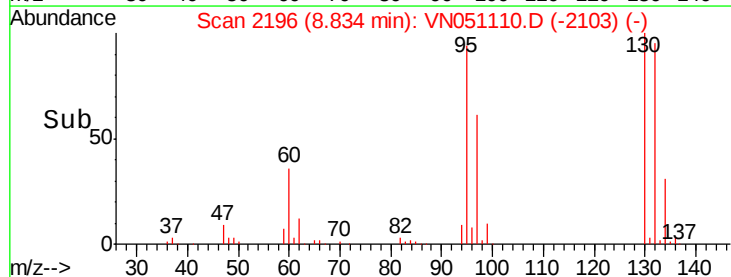
130 100

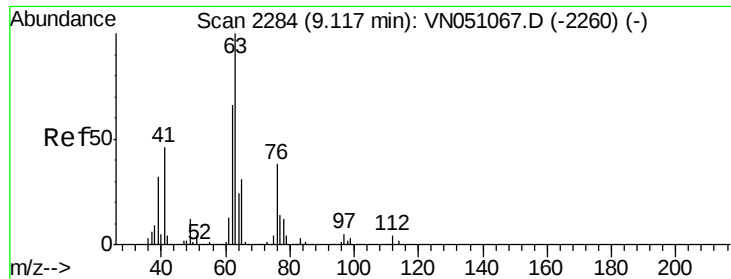
95 93.9 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051110.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN051110.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 48.67 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

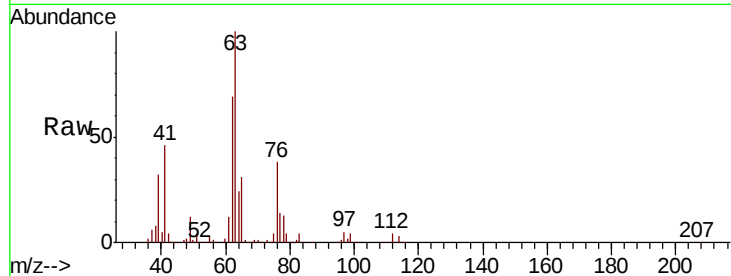
VSTDCCC050

Tot Ion: 63 Resp: 411965

Ion Ratio Lower Upper

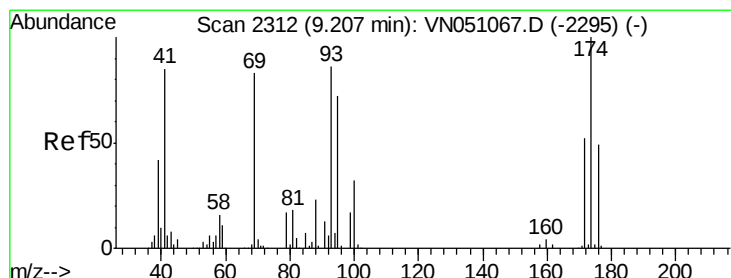
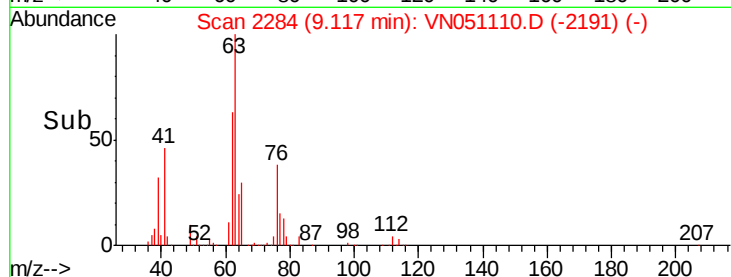
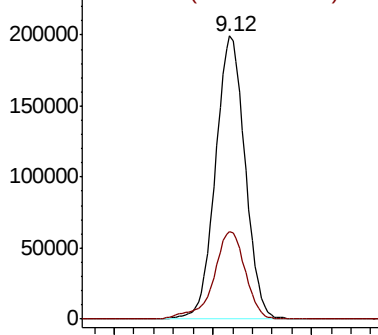
63 100

65 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 46.81 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

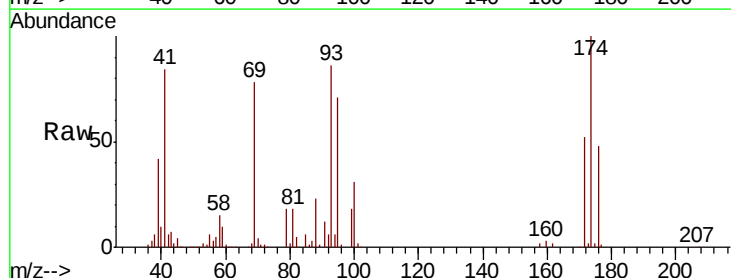
Tgt Ion: 93 Resp: 241764

Ion Ratio Lower Upper

93 100

95 84.3 66.8 100.2

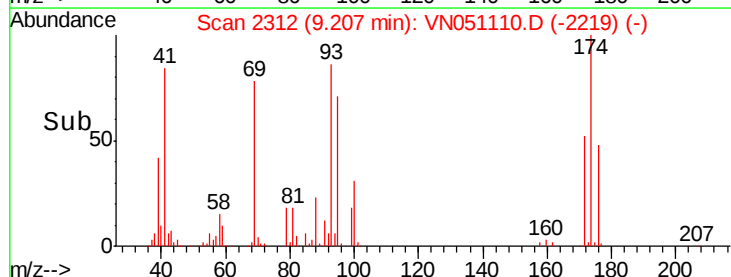
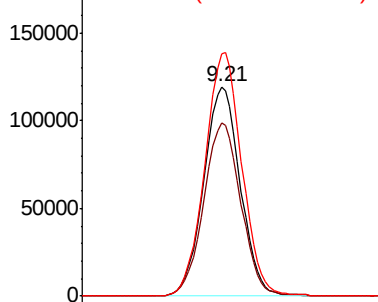
174 117.6 93.3 139.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.10 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

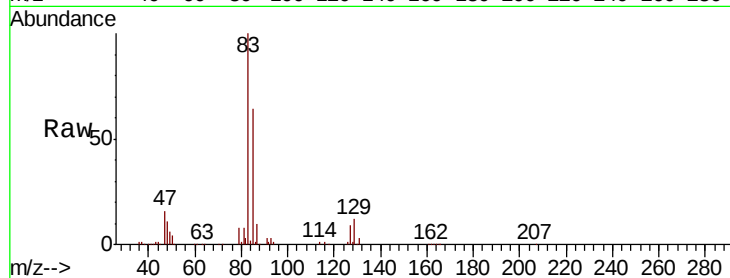
Tot Ion: 83 Resp: 515603

Ion Ratio Lower Upper

83 100

85 63.6 52.3 78.5

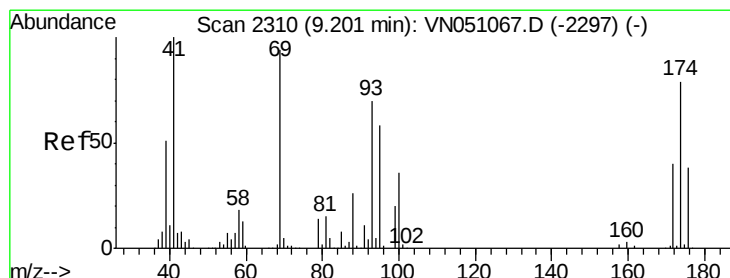
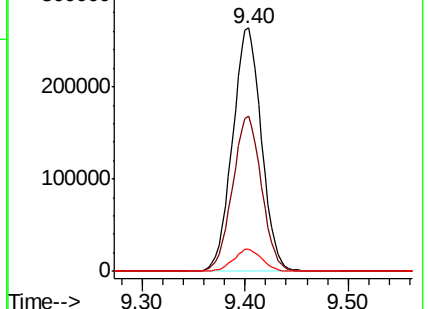
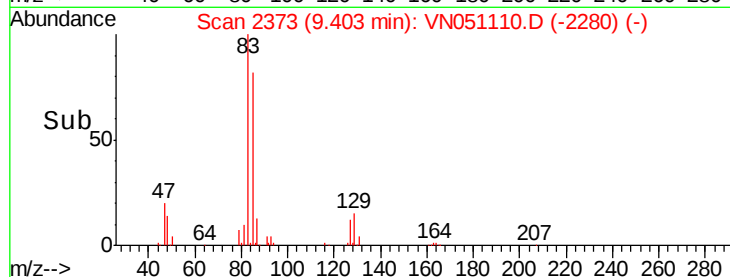
127 9.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051110.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051110.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051110.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.88 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

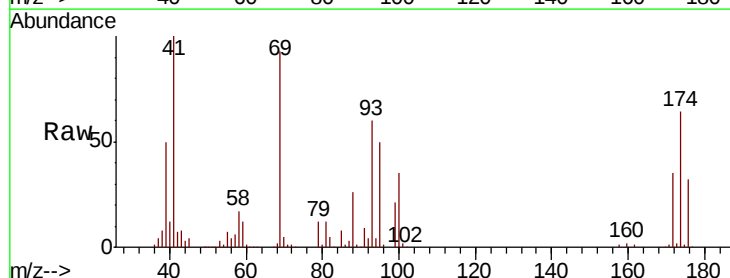
Tgt Ion: 41 Resp: 270063

Ion Ratio Lower Upper

41 100

69 97.3 77.7 116.5

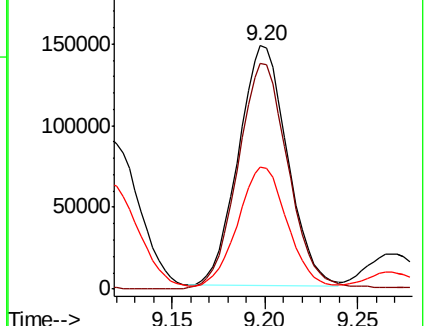
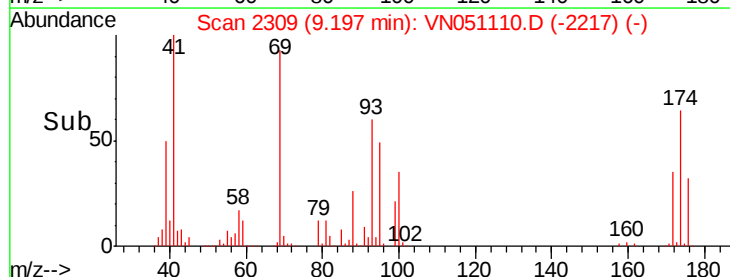
39 51.6 41.6 62.4

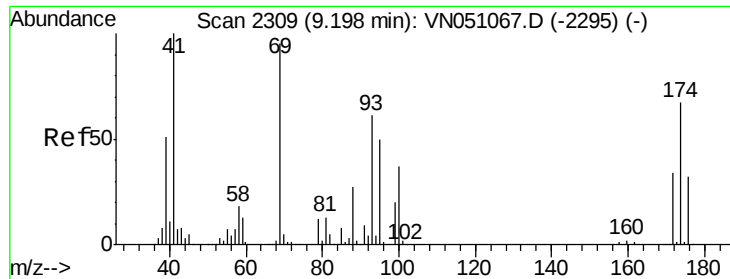


Abundance Ion 41.00 (40.70 to 41.70): VN051110.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051110.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051110.D (-2217) (-)





#49

1,4-Dioxane

Concen: 968.78 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

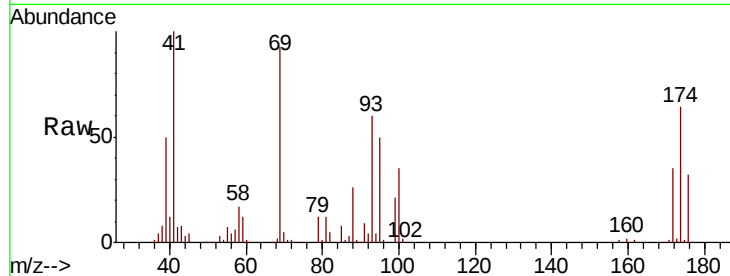
Tot Ion: 88 Resp: 82246

Ion Ratio Lower Upper

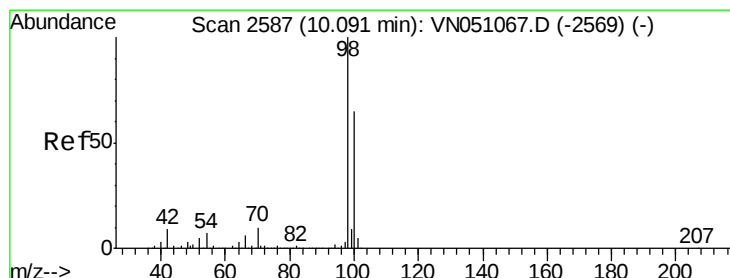
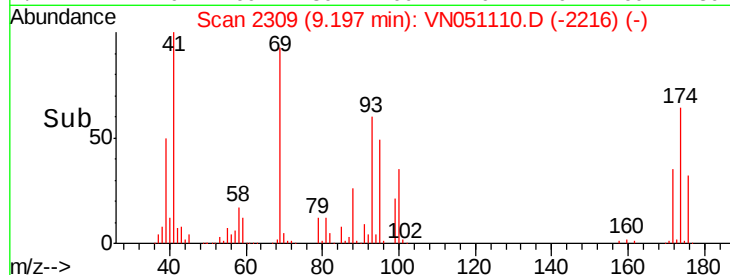
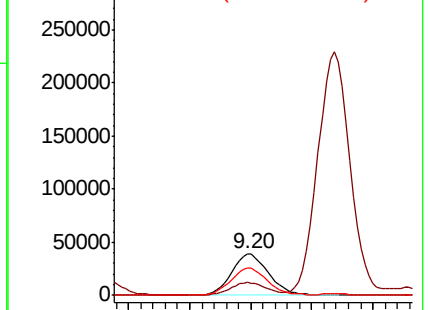
88 100

43 27.9 23.7 35.5

58 65.3 54.6 82.0



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: 51.05 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN051110.D

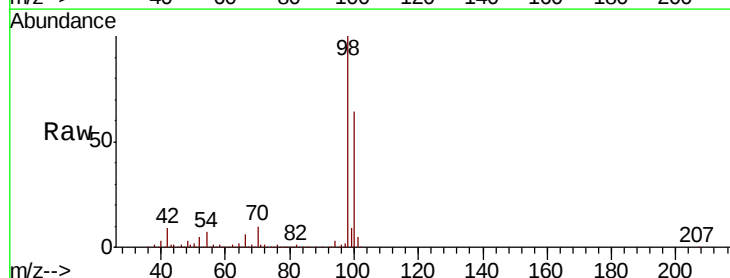
Acq: 11 Sep 2018 7:56

Tgt Ion: 98 Resp: 1441461

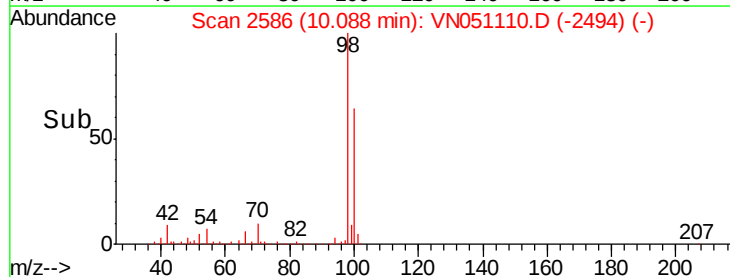
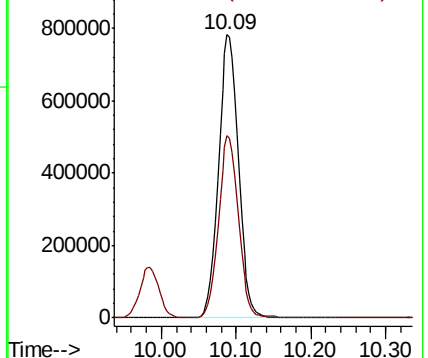
Ion Ratio Lower Upper

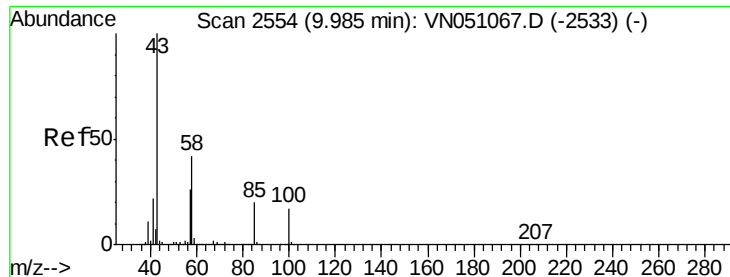
98 100

100 64.2 52.0 78.0



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: 246.03 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

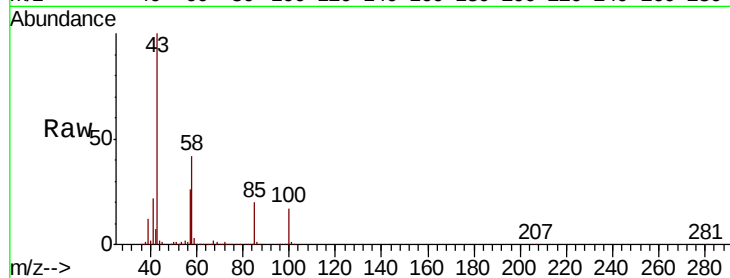
VSTDCCC050

Tot Ion: 43 Resp: 1511472

Ion Ratio Lower Upper

43 100

58 41.9 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)

800000

600000

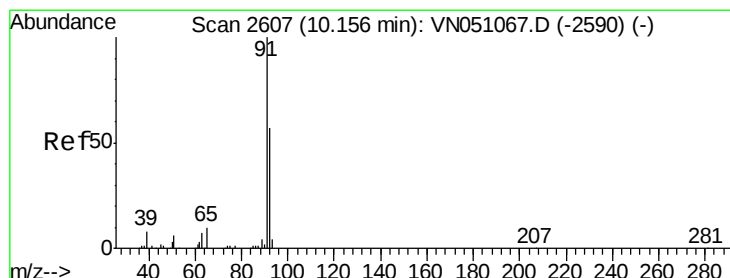
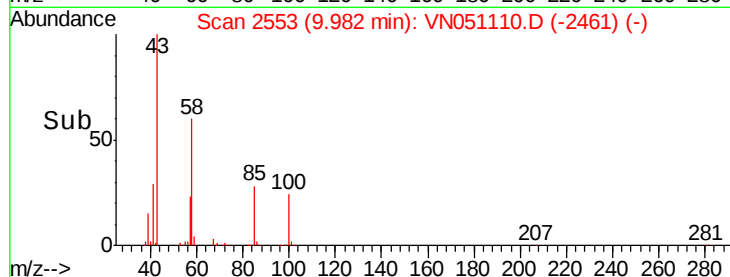
400000

200000

0

9.90 9.98 10.00 10.10

Time-->



#52

Toluene

Concen: 49.98 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051110.D

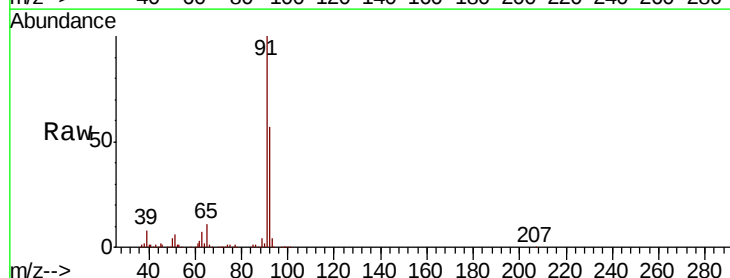
Acq: 11 Sep 2018 7:56

Tgt Ion: 92 Resp: 998436

Ion Ratio Lower Upper

92 100

91 174.5 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN051067.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051067.D (-2590) (-)

1000000

800000

600000

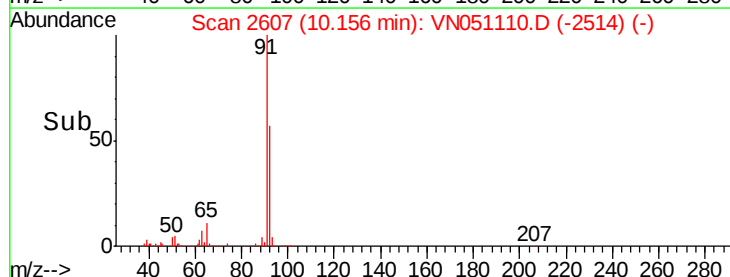
400000

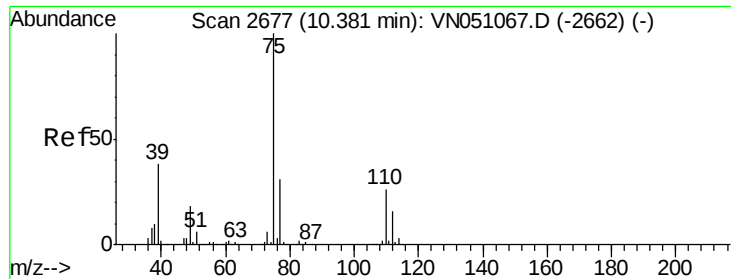
200000

0

10.10 10.16 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.35 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

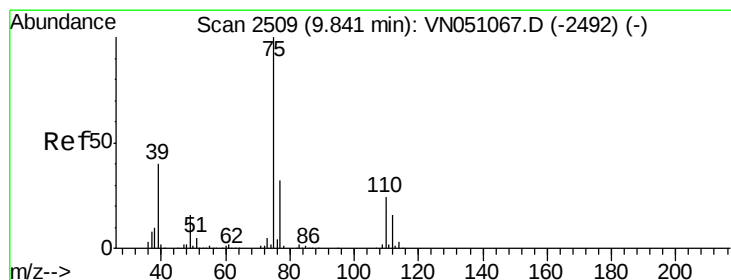
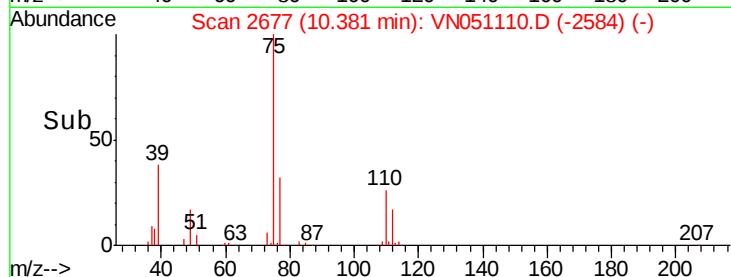
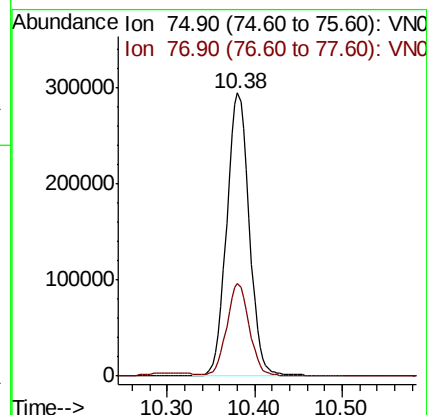
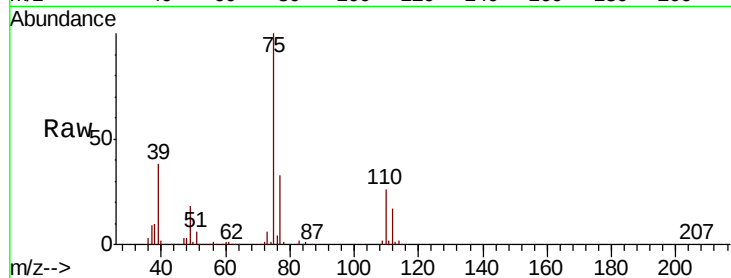
VSTDCCC050

Tot Ion: 75 Resp: 529235

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.52 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

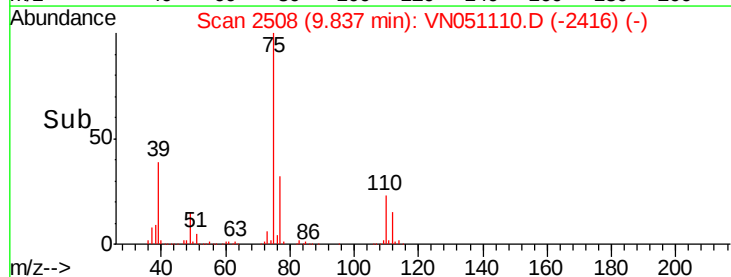
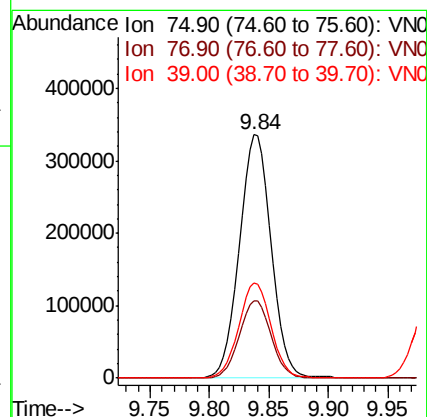
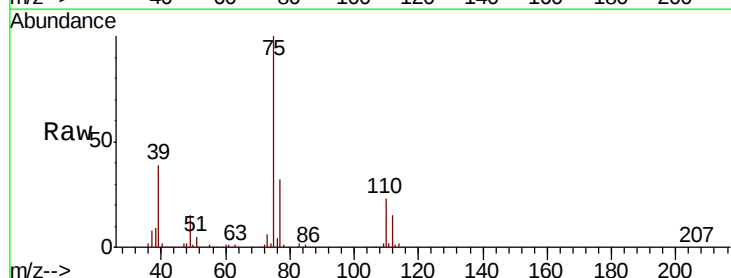
Tgt Ion: 75 Resp: 622530

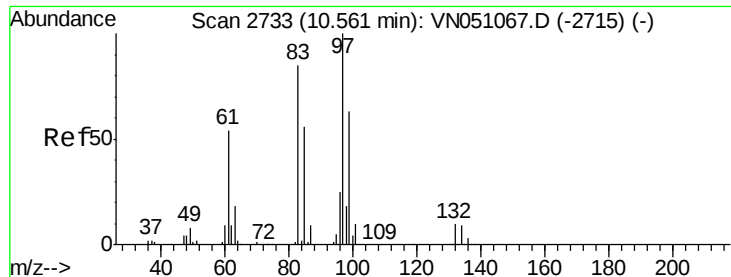
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 39.2 31.9 47.9

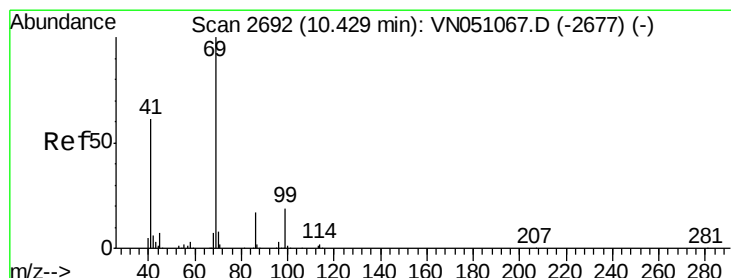
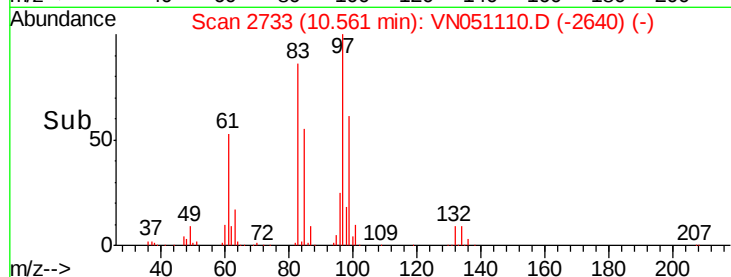
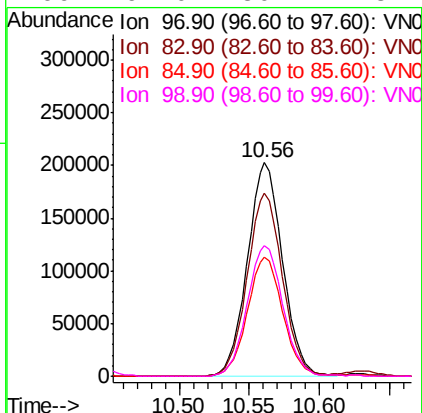
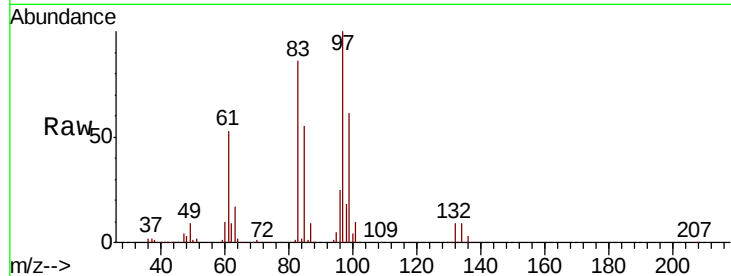




#55
 1,1,2-Trichloroethane
 Concen: 48.76 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

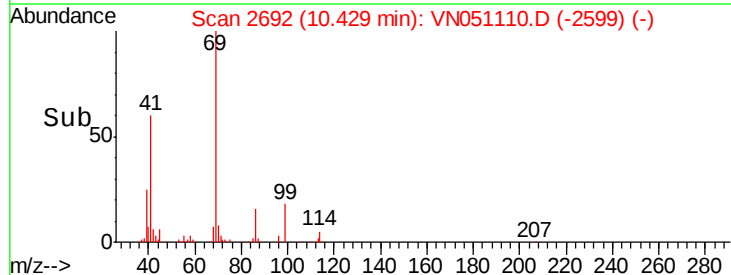
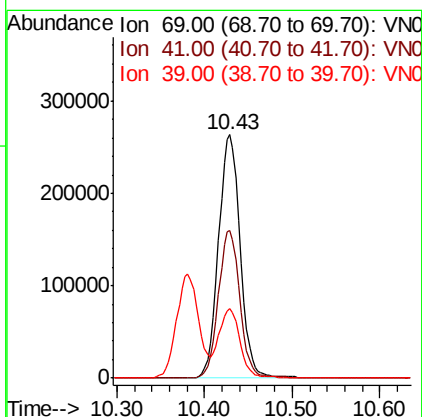
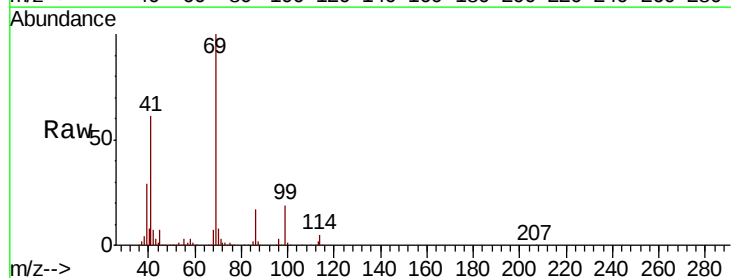
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 353784
 Ion Ratio Lower Upper
 97 100
 83 85.8 68.2 102.2
 85 55.5 44.8 67.2
 99 61.0 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 46.67 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion: 69 Resp: 452809
 Ion Ratio Lower Upper
 69 100
 41 59.9 47.8 71.8
 39 28.1 23.0 34.4





#57

1,3-Dichloropropane

Concen: 48.75 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

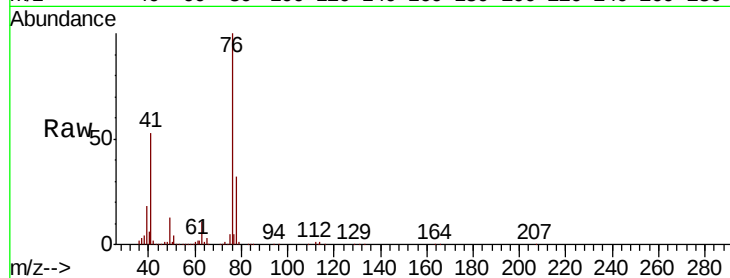
VSTDCCC050

Tot Ion: 76 Resp: 586444

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-2763) (-)

10.71

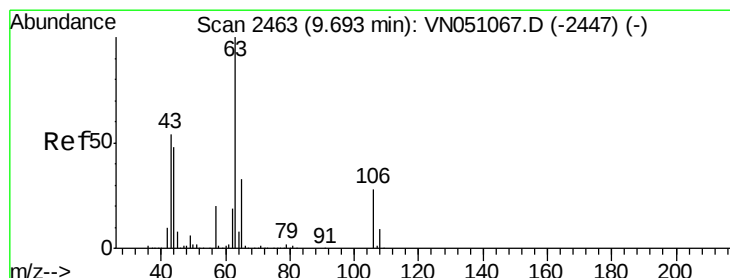
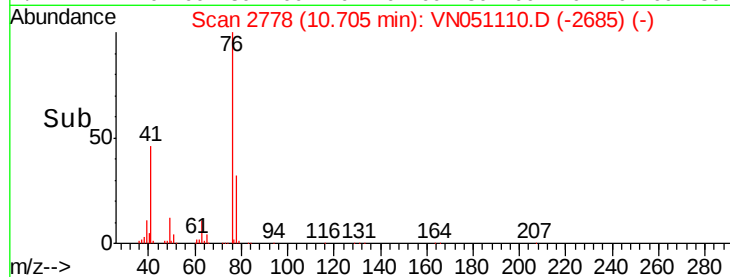
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 230.90 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN051110.D

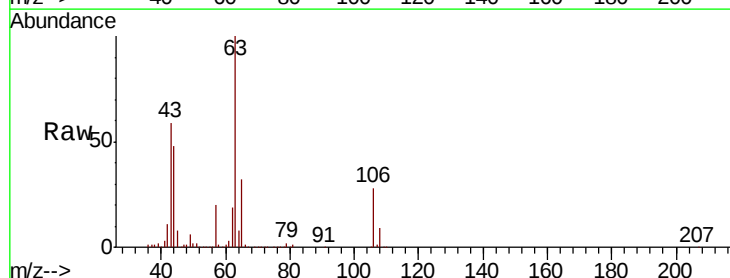
Acq: 11 Sep 2018 7:56

Tgt Ion: 63 Resp: 940094

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN051067.D (-2447) (-)

Ion 105.90 (105.60 to 106.60): VN051067.D (-2447) (-)

9.69

600000

500000

400000

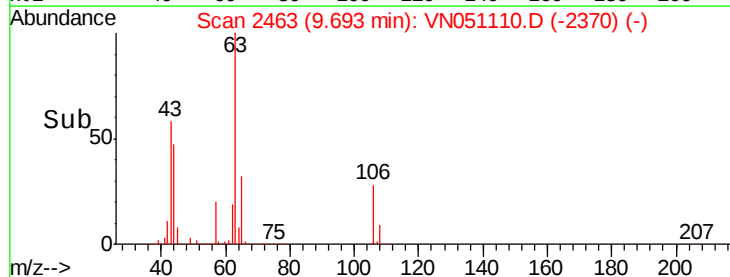
300000

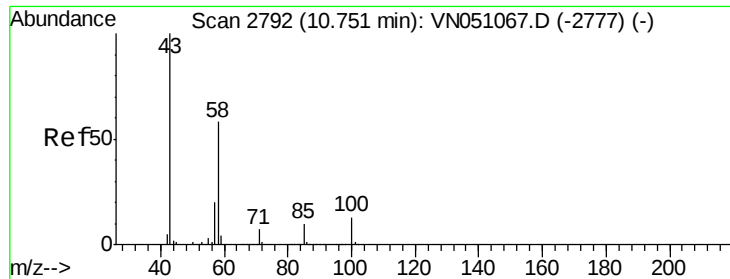
200000

100000

0

Time-->

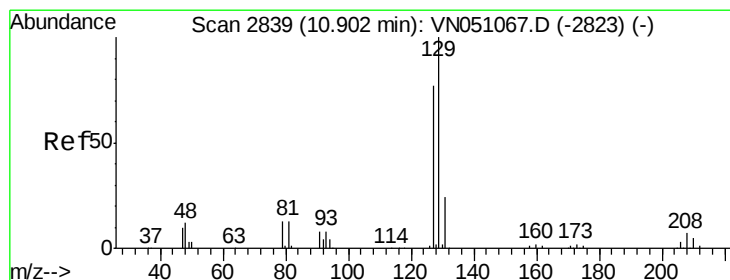
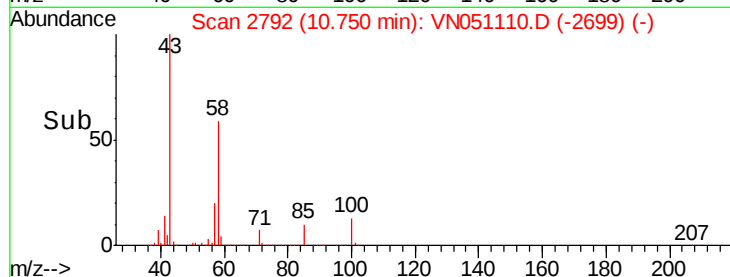
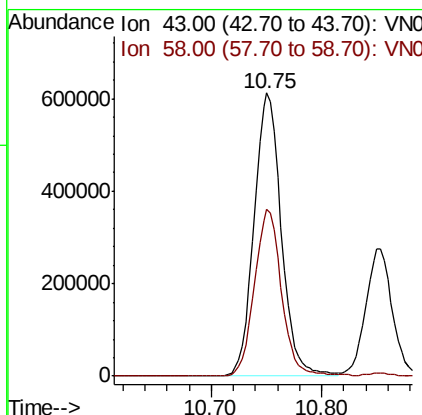
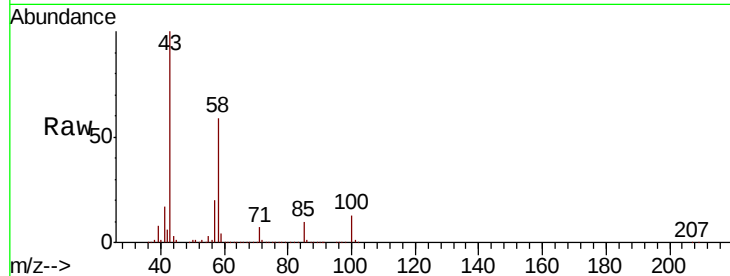




#59
2-Hexanone
Concen: 251.42 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

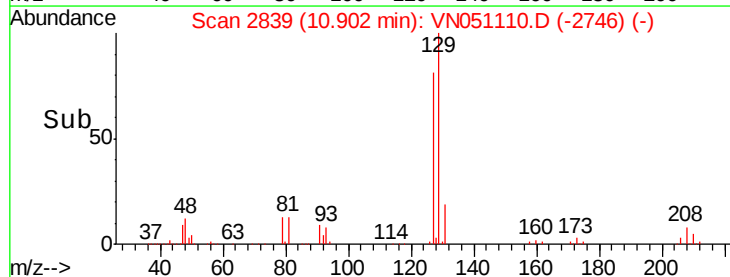
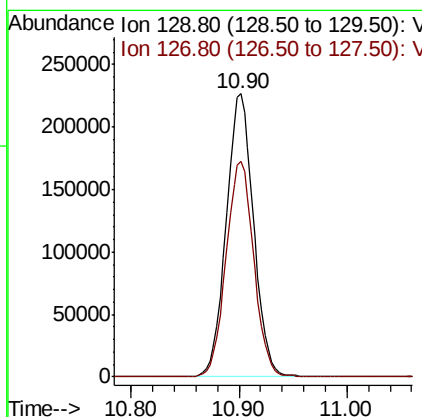
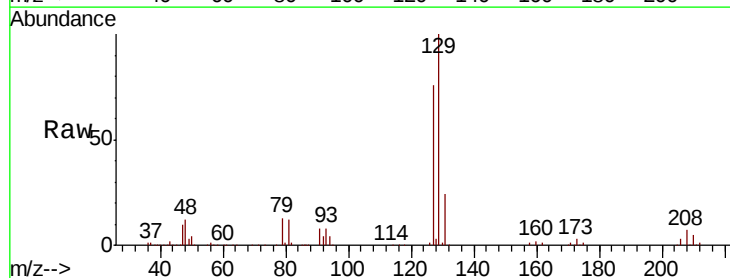
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

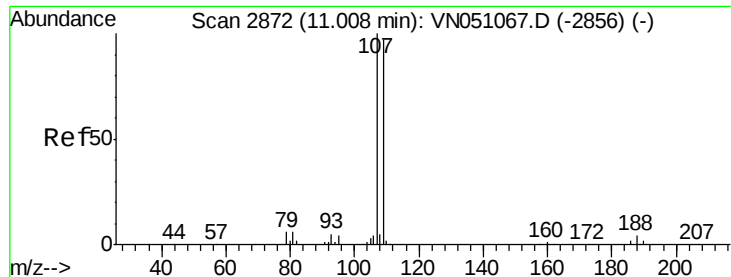
Tot Ion: 43 Resp: 1047524
Ion Ratio Lower Upper
43 100
58 58.9 29.3 88.0



#60
Dibromochloromethane
Concen: 48.98 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 129 Resp: 400584
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

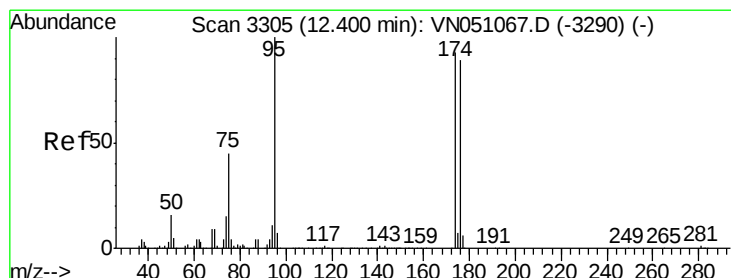
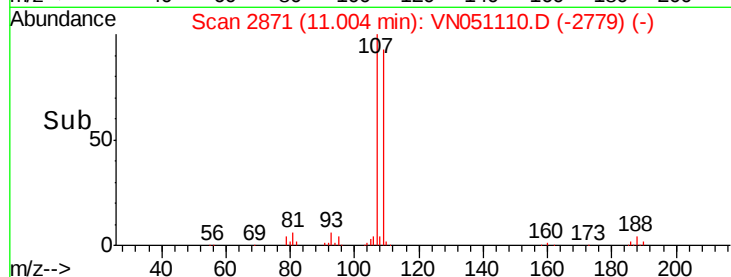
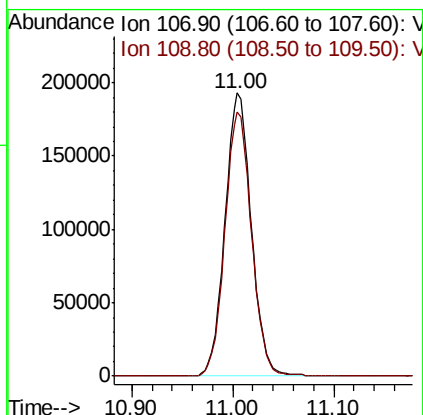
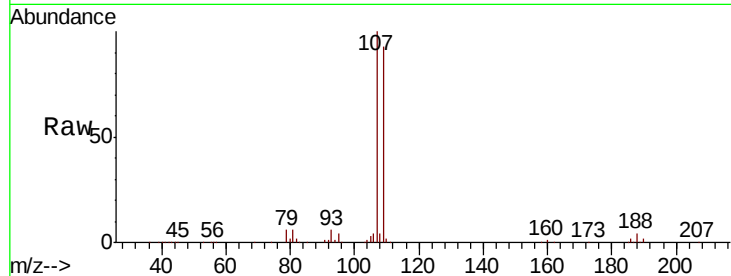




#61
 1,2-Dibromoethane
 Concen: 49.50 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

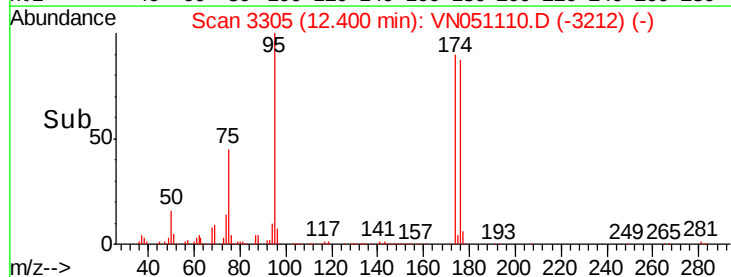
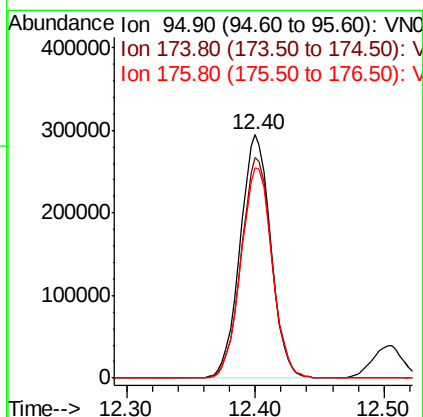
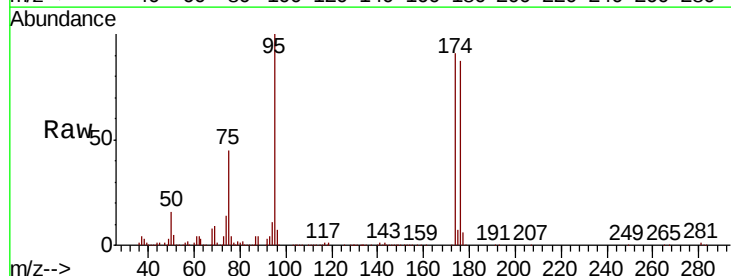
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

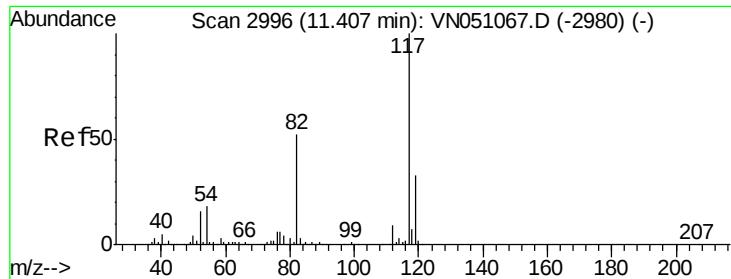
Tot Ion: 107 Resp: 351094
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.90 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion: 95 Resp: 484704
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 184.8
 176 88.6 0.0 178.6

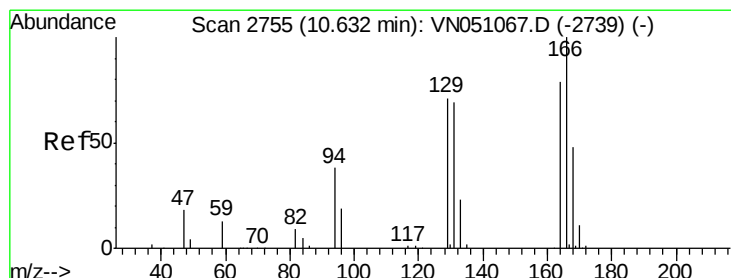
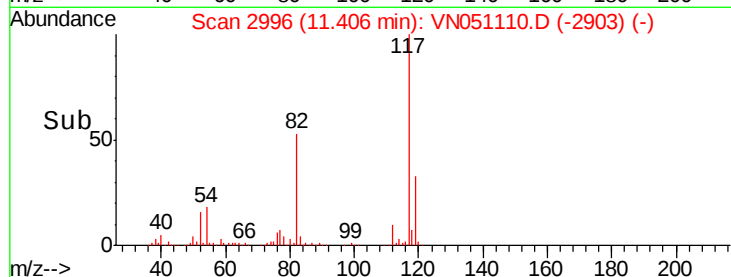
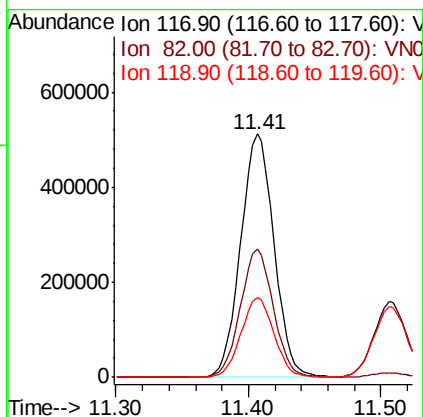
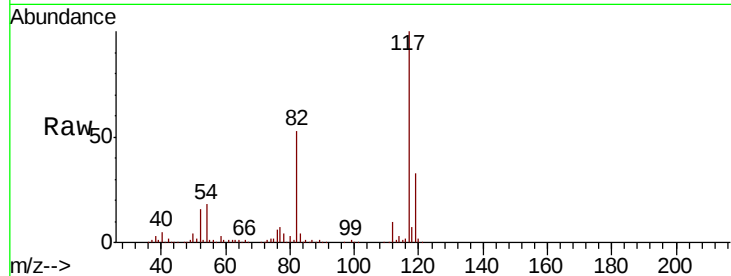




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

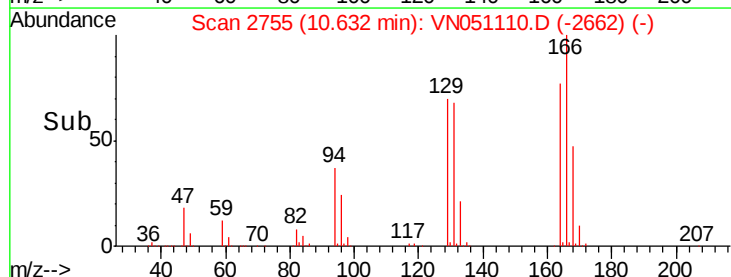
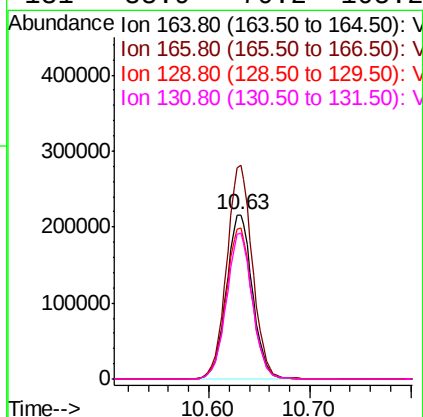
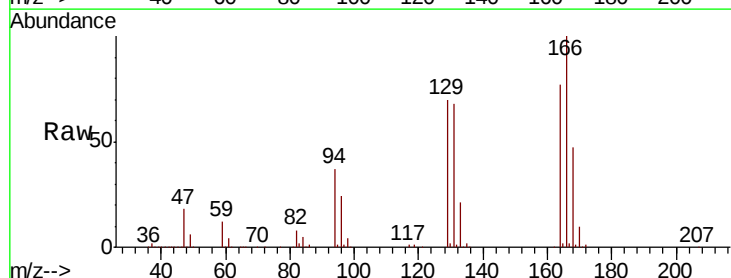
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

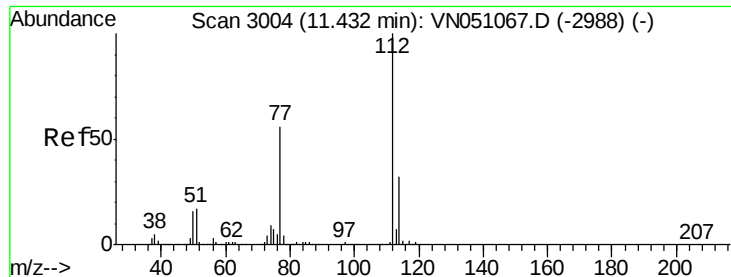
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	32.7	26.2	39.2



#64
Tetrachloroethene
Concen: 47.63 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	101.3	151.9
129	91.6	72.2	108.2
131	88.9	70.2	105.2

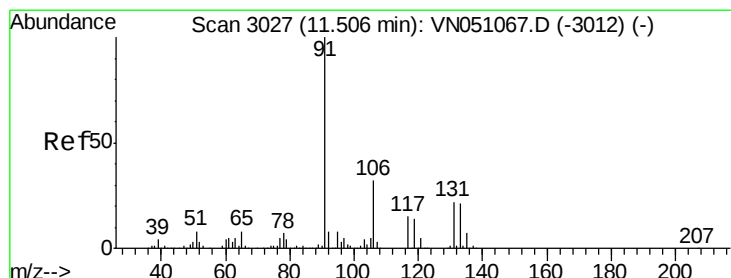
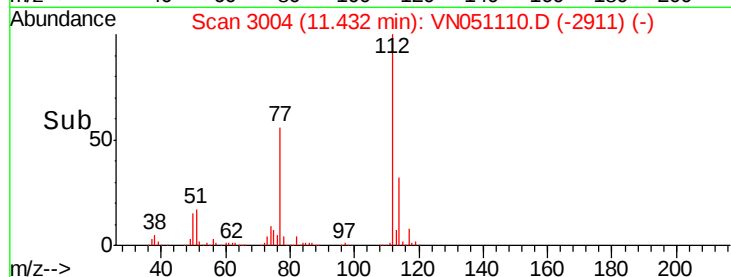
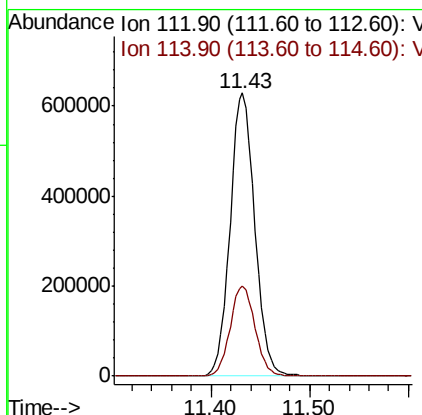
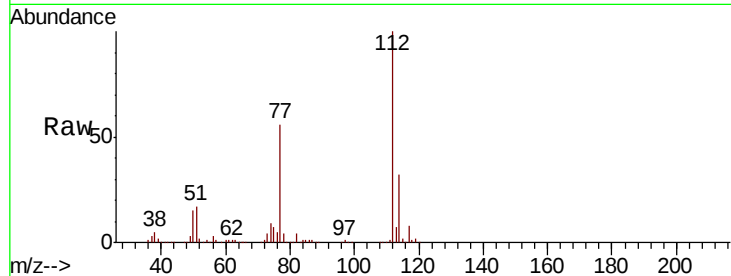




#65
Chlorobenzene
Concen: 48.65 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

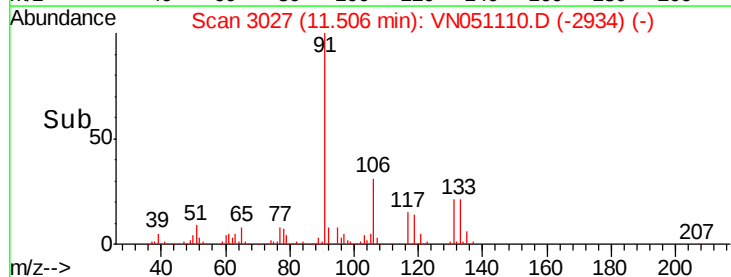
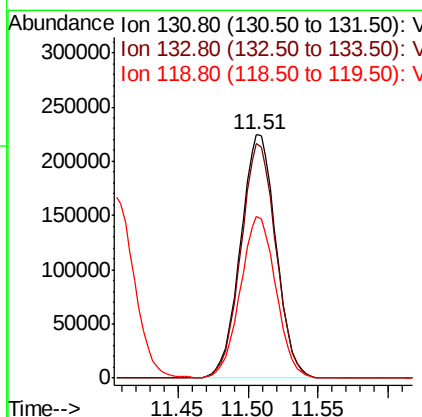
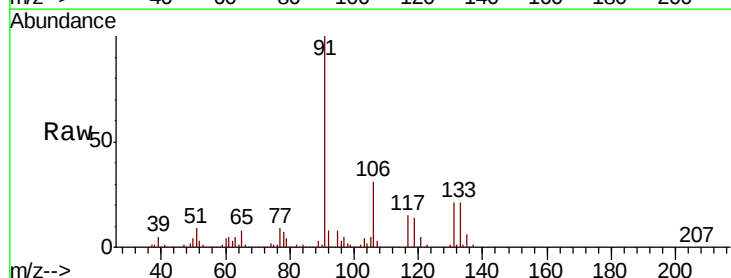
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

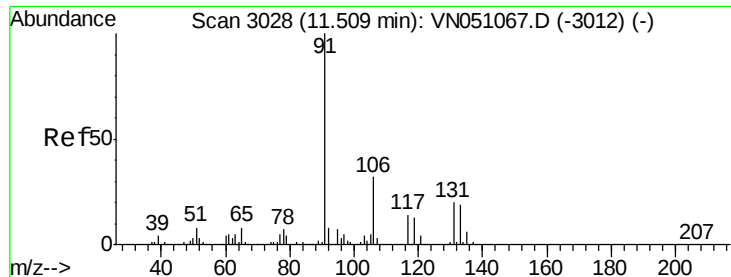
Tot Ion:112 Resp: 1098616
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.74 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion:131 Resp: 396258
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.4 33.2 99.6

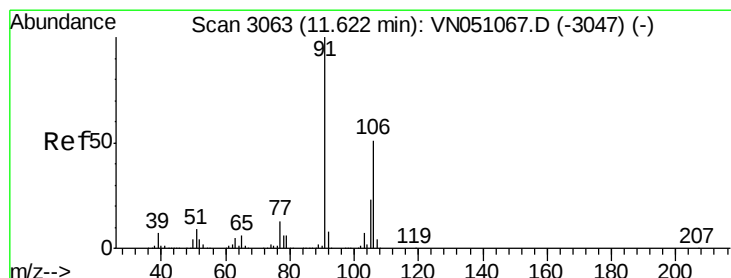
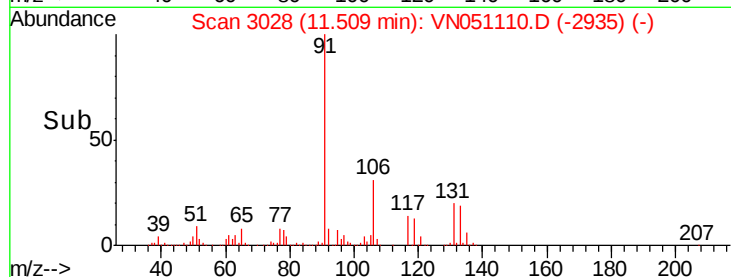
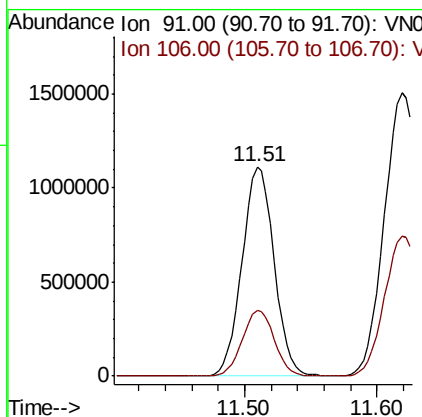
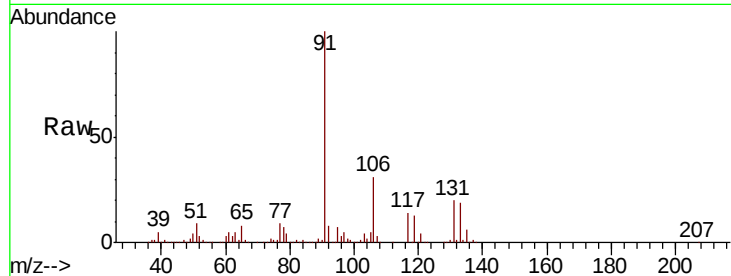




#67
Ethyl Benzene
Concen: 51.19 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

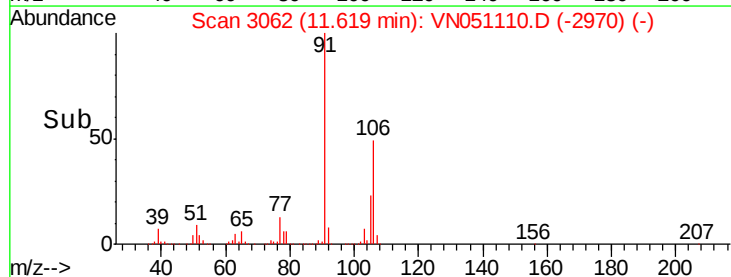
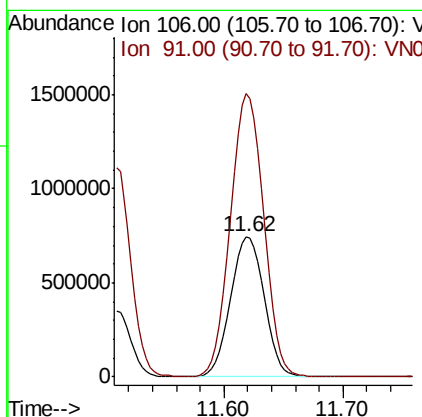
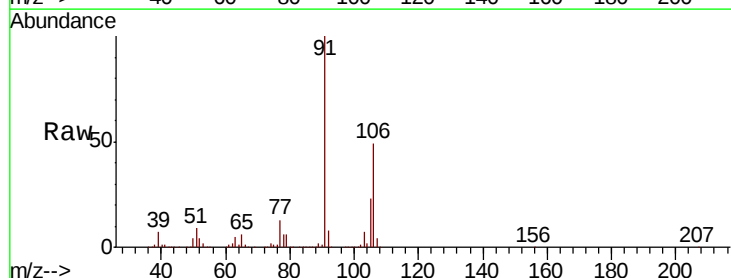
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

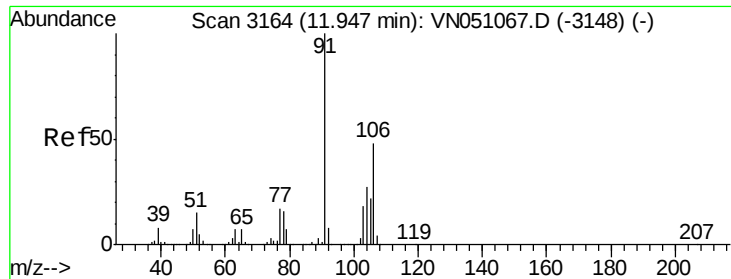
Tot Ion: 91 Resp: 1871952
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 103.96 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 106 Resp: 1460653
Ion Ratio Lower Upper
106 100
91 200.6 159.8 239.6

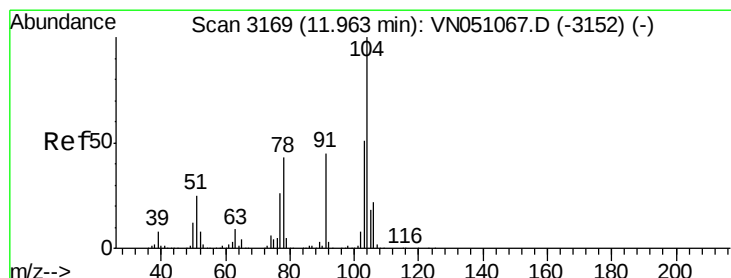
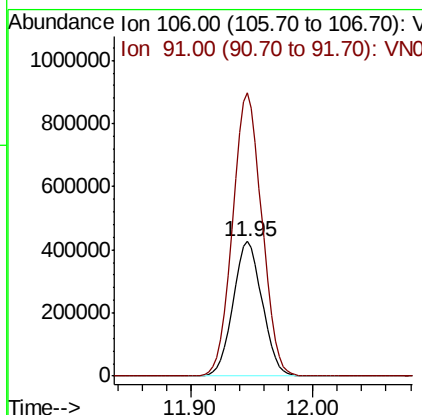
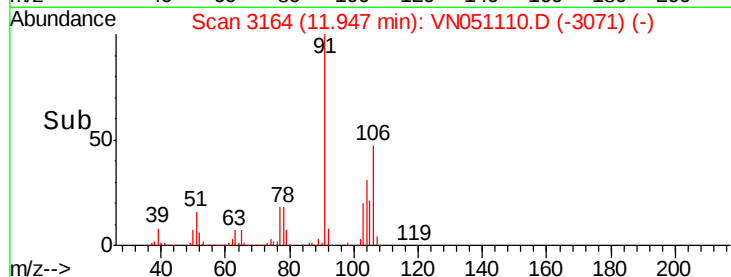
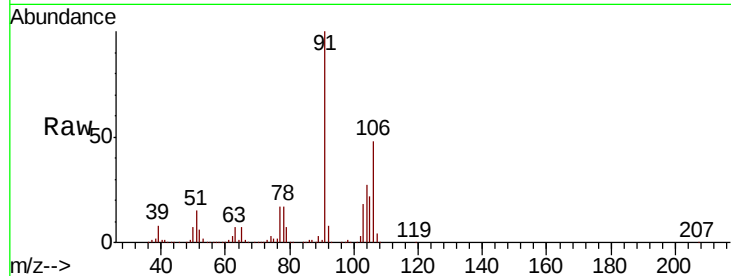




#69
o-Xylene
Concen: 52.06 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

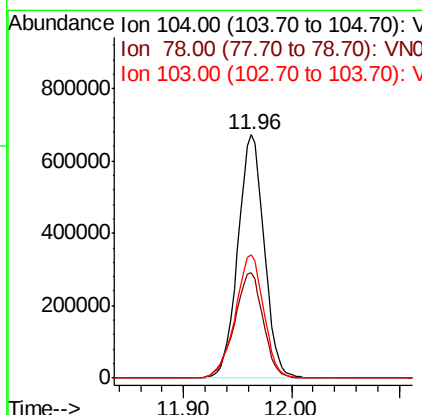
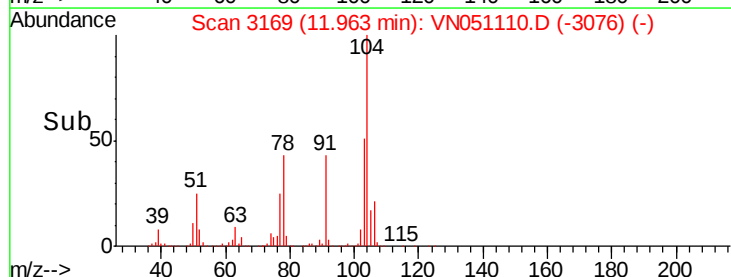
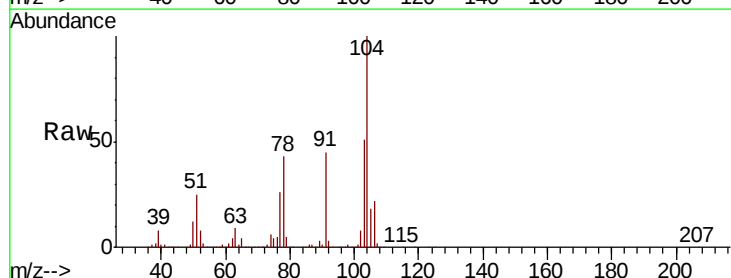
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

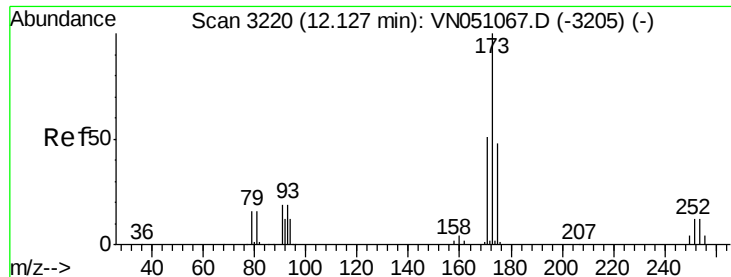
Tot Ion:106 Resp: 708296
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1



#70
Styrene
Concen: 54.09 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion:104 Resp: 1141640
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 54.8 44.6 67.0

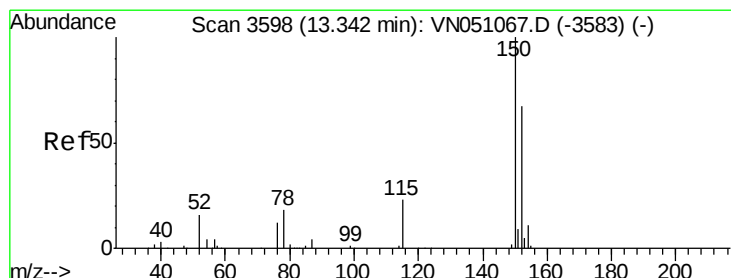
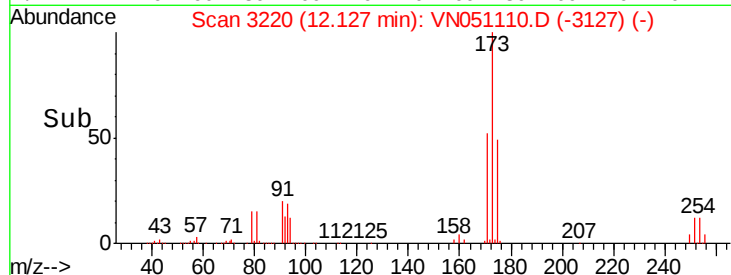
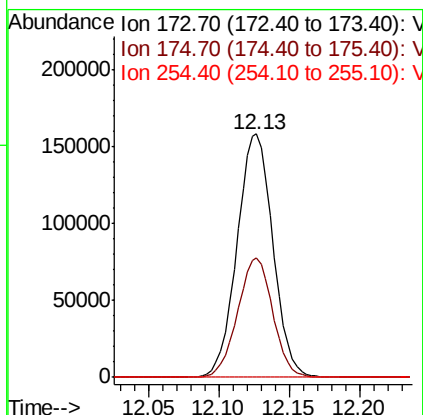
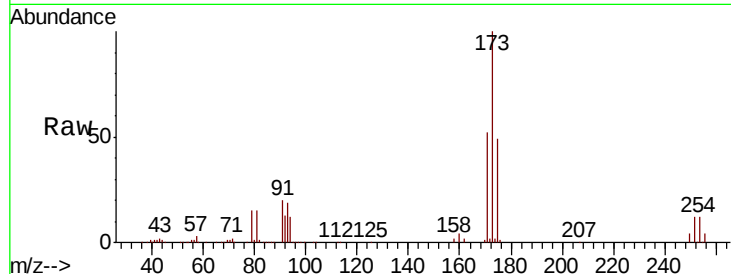




#71
Bromoform
Concen: 49.22 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

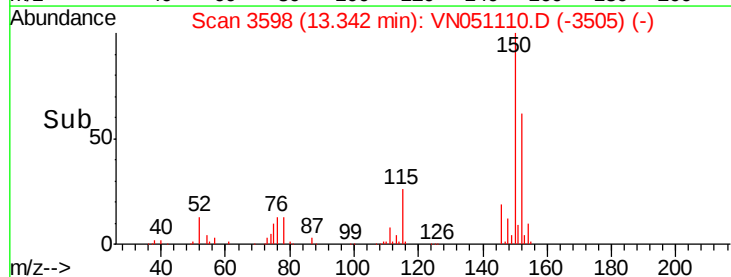
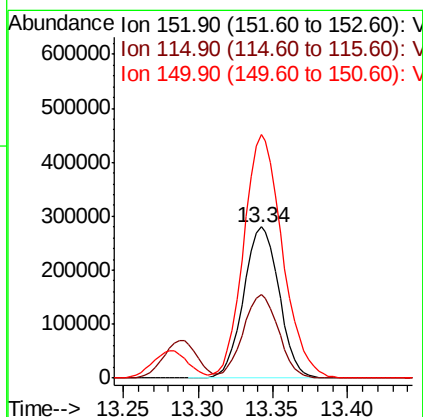
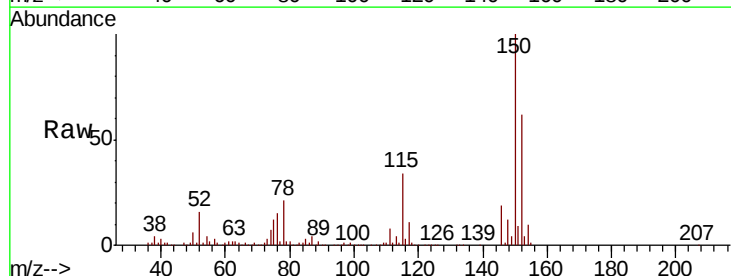
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

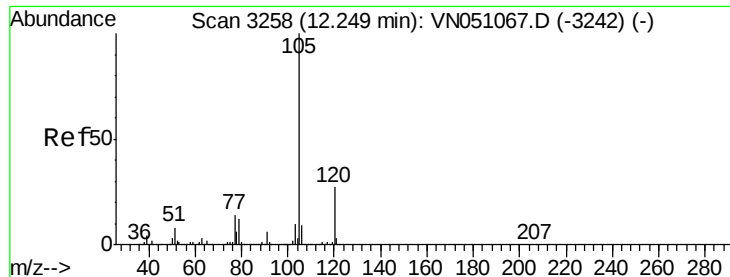
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.9
254	0.1	0.0	0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	175.7	0.0	349.0





#73

Isopropylbenzene

Concen: 47.76 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

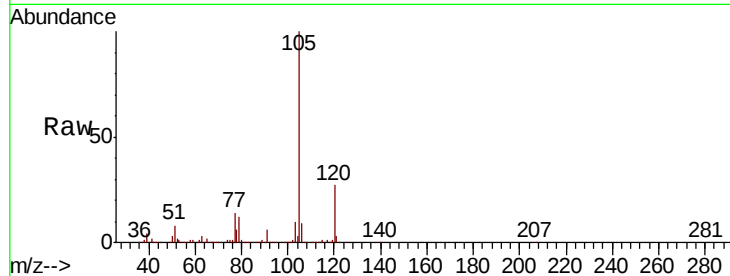
VSTDCCC050

Tot Ion:105 Resp: 1852373

Ion Ratio Lower Upper

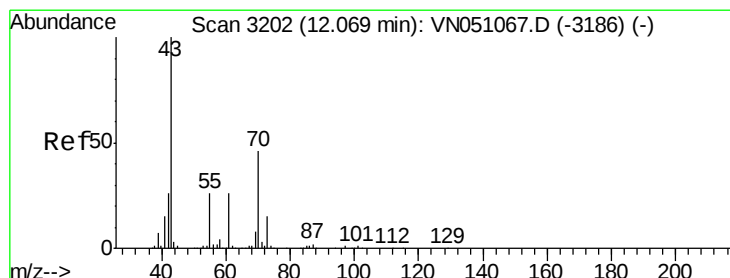
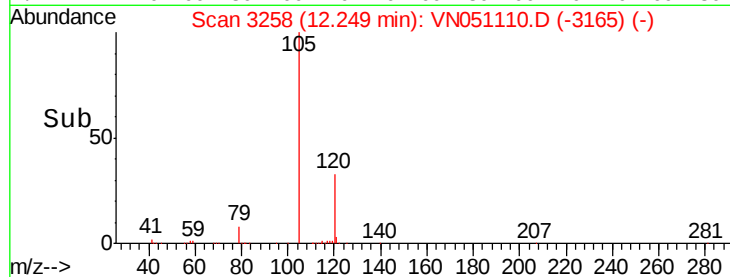
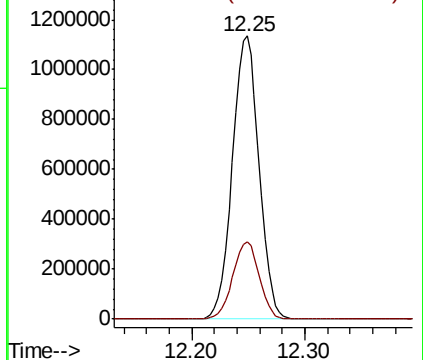
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.69 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Tgt Ion: 43 Resp: 475202

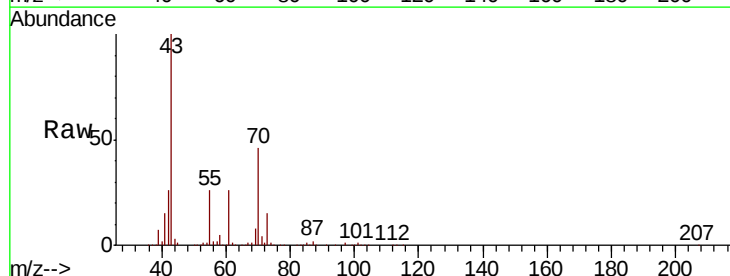
Ion Ratio Lower Upper

43 100

70 44.9 37.0 55.4

55 26.6 21.3 31.9

61 25.5 20.7 31.1

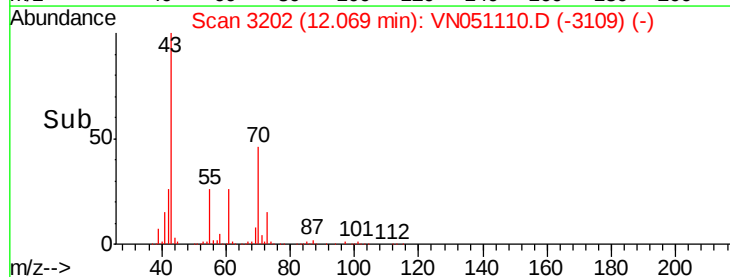
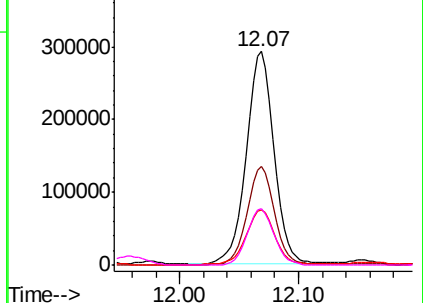


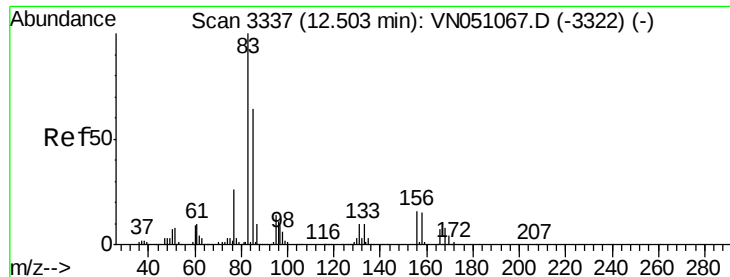
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.48 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

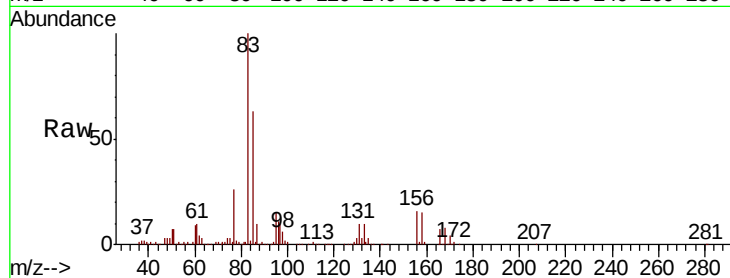
Tot Ion: 83 Resp: 440469

Ion Ratio Lower Upper

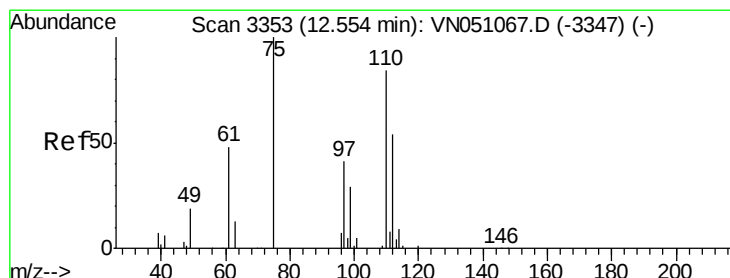
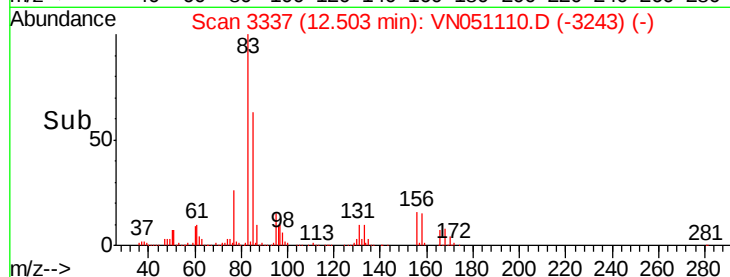
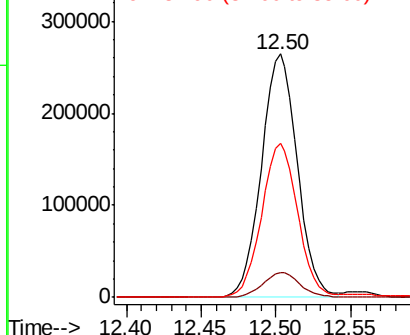
83 100

131 10.8 5.3 16.1

85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 73.96 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN051110.D

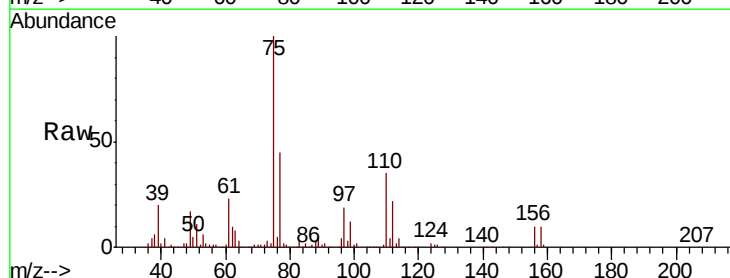
Acq: 11 Sep 2018 7:56

Tgt Ion: 75 Resp: 525175

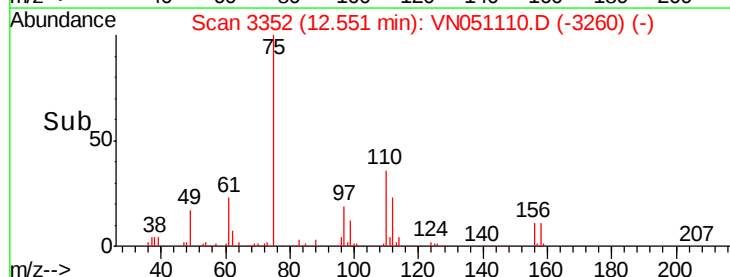
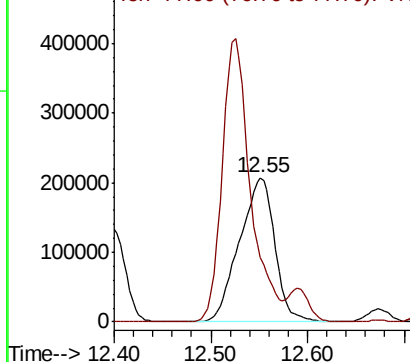
Ion Ratio Lower Upper

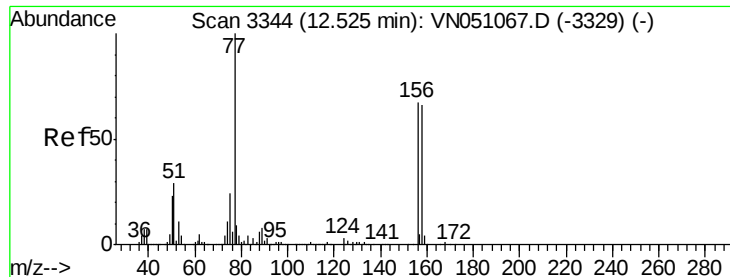
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 45.94 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

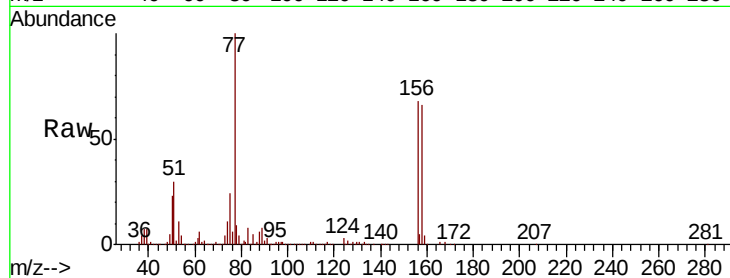
Tot Ion:156 Resp: 478539

Ion Ratio Lower Upper

156 100

77 172.6 87.5 262.6

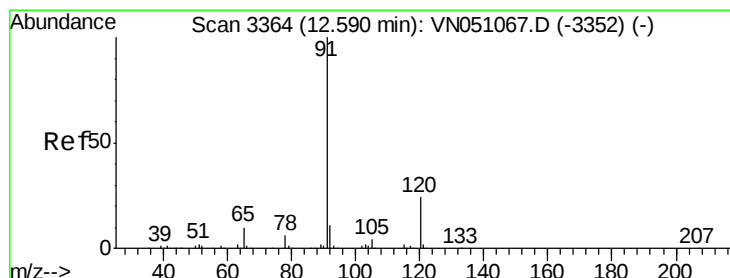
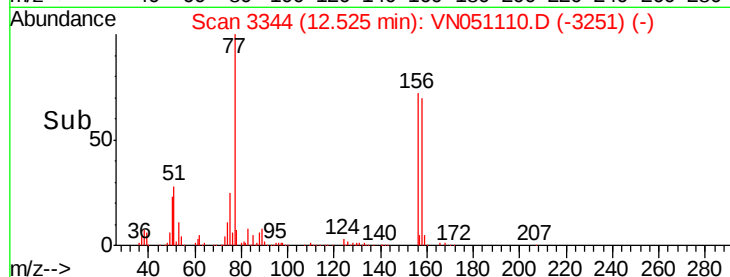
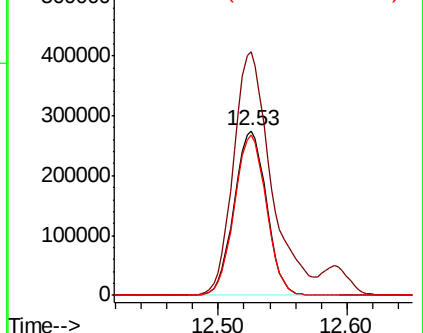
158 96.6 49.0 147.2



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: 49.18 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051110.D

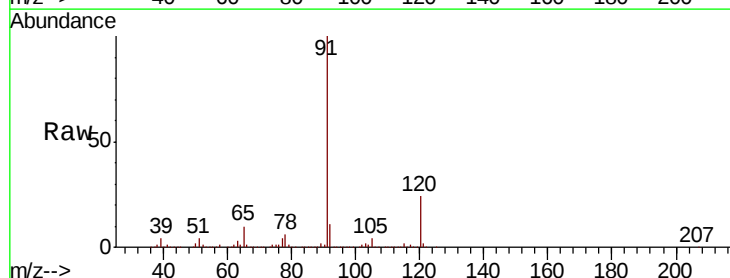
Acq: 11 Sep 2018 7:56

Tgt Ion: 91 Resp: 2096470

Ion Ratio Lower Upper

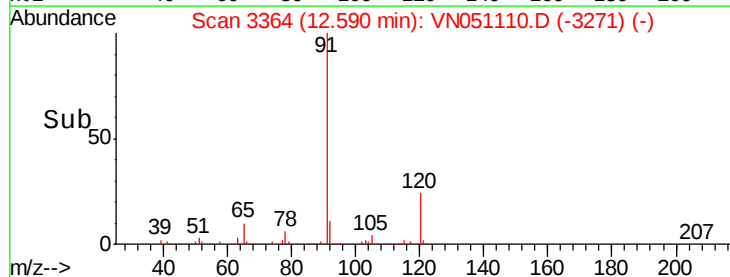
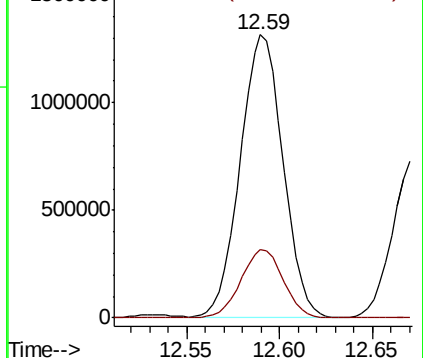
91 100

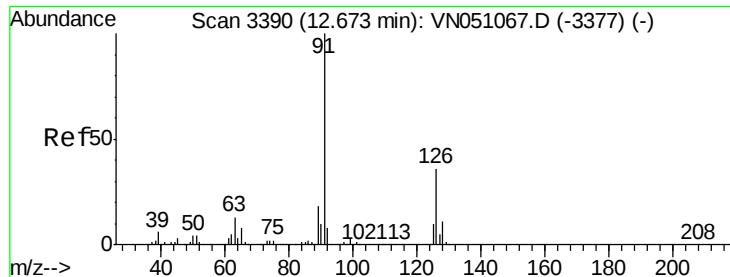
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.76 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

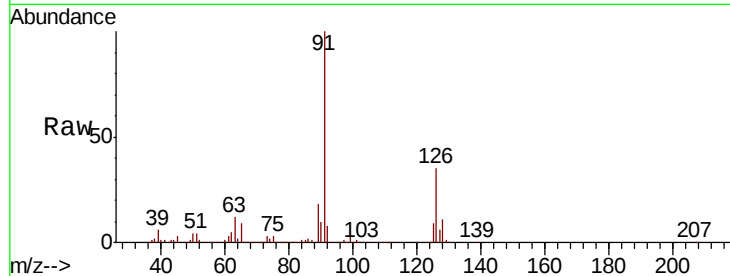
VSTDCCC050

Tot Ion: 91 Resp: 1245887

Ion Ratio Lower Upper

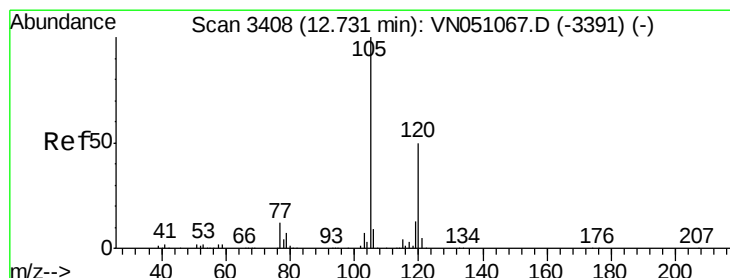
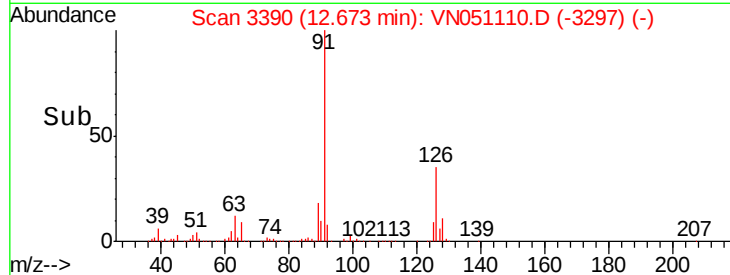
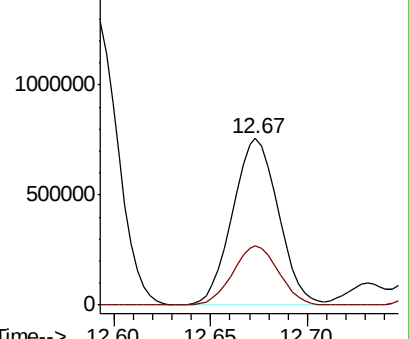
91 100

126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN051110.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN051110.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.59 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051110.D

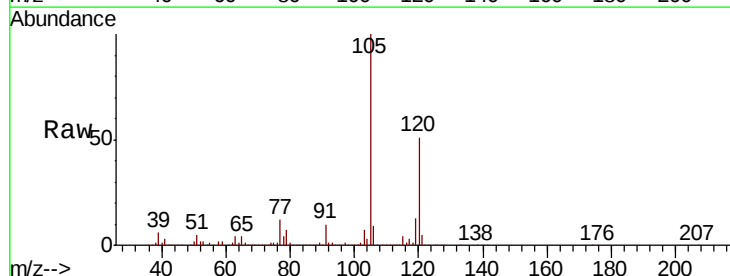
Acq: 11 Sep 2018 7:56

Tgt Ion: 105 Resp: 1523635

Ion Ratio Lower Upper

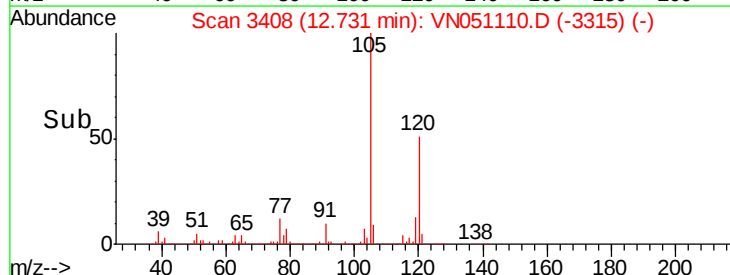
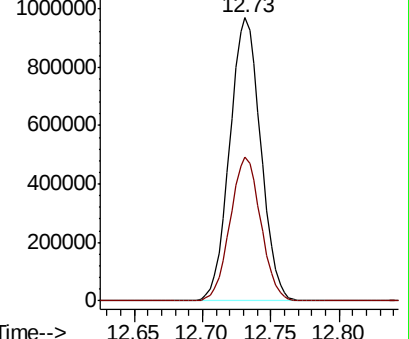
105 100

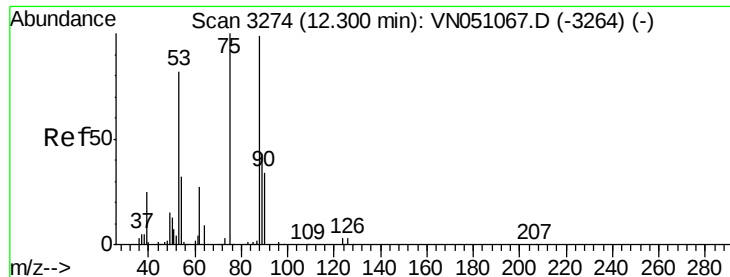
120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051110.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN051110.D (-3315) (-)

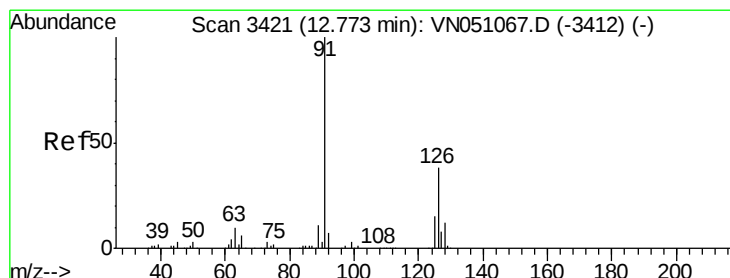
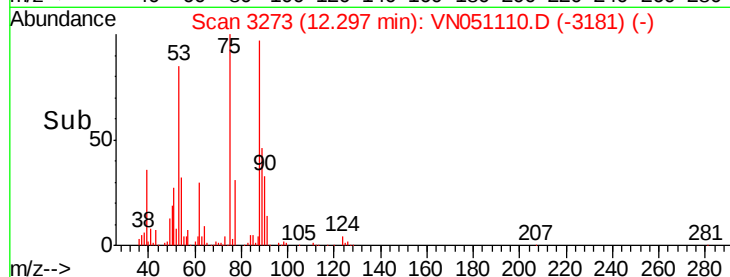
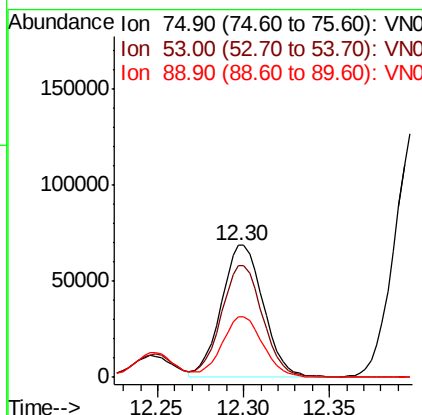
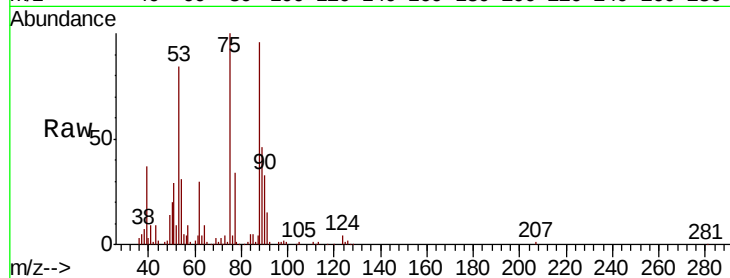




#81
trans-1,4-Dichloro-2-butene
Concen: 48.23 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

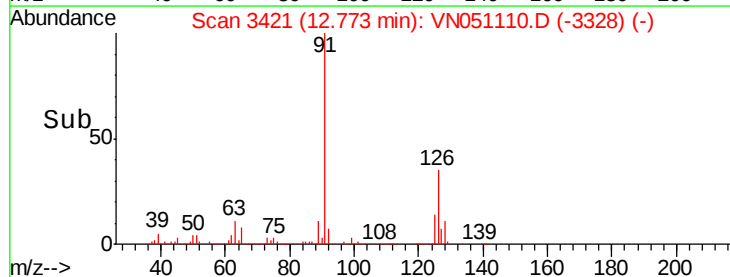
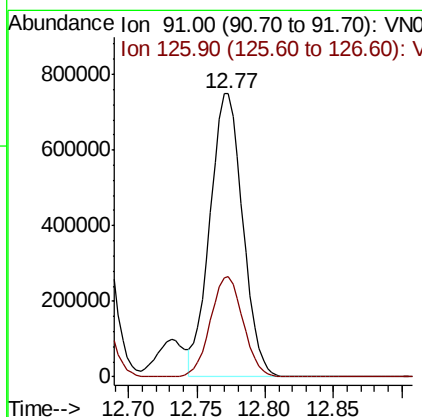
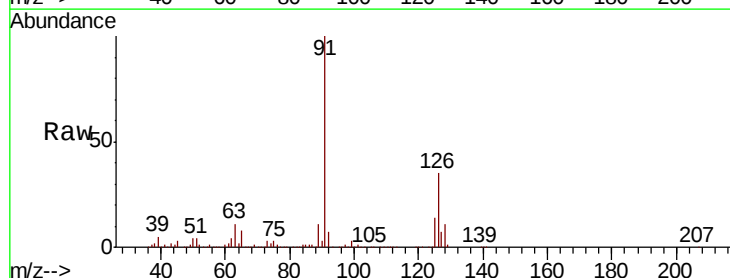
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

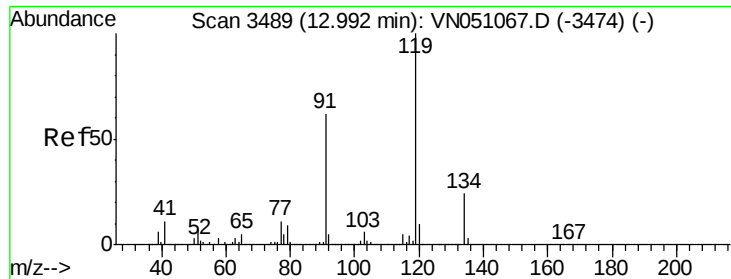
Tot Ion: 75 Resp: 117448
Ion Ratio Lower Upper
75 100
53 84.0 67.8 101.8
89 44.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 47.27 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051110.D
Acq: 11 Sep 2018 7:56

Tgt Ion: 91 Resp: 1250213
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.8

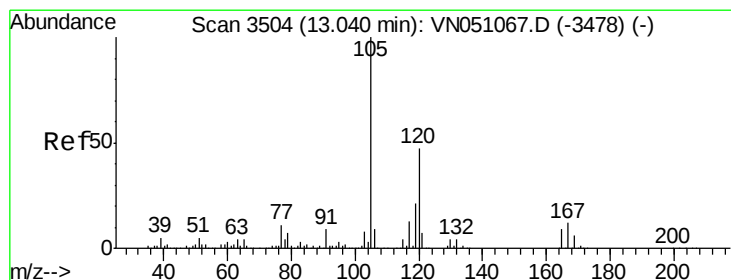
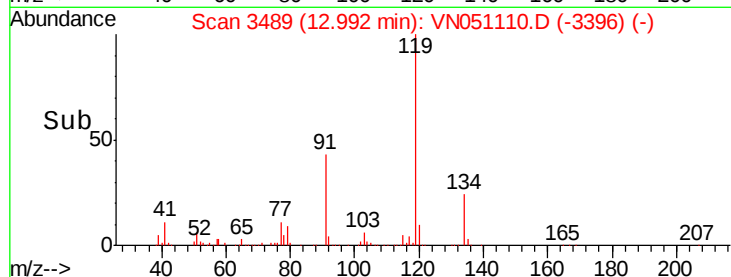
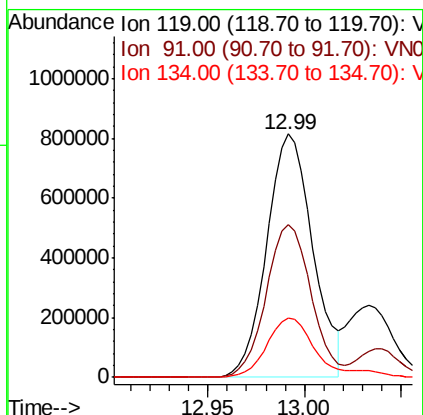
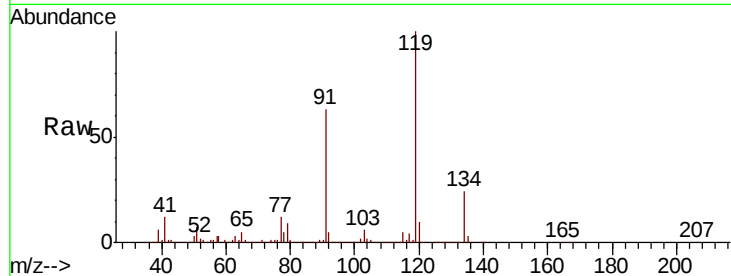




#83
 tert-Butylbenzene
 Concen: 48.73 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

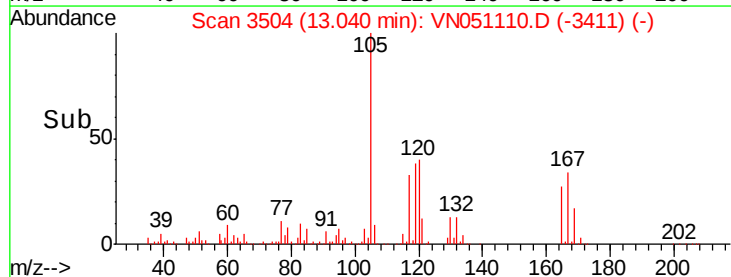
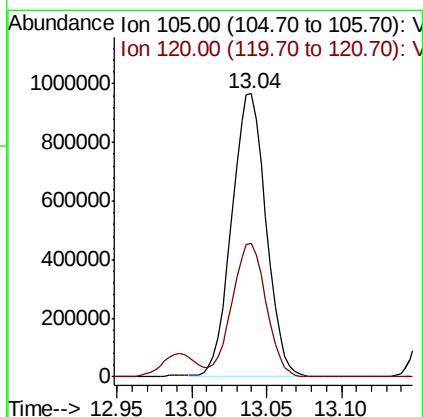
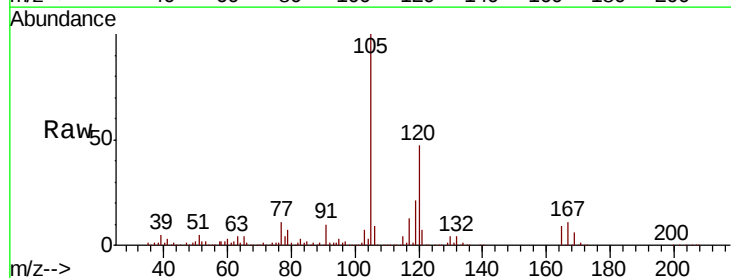
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

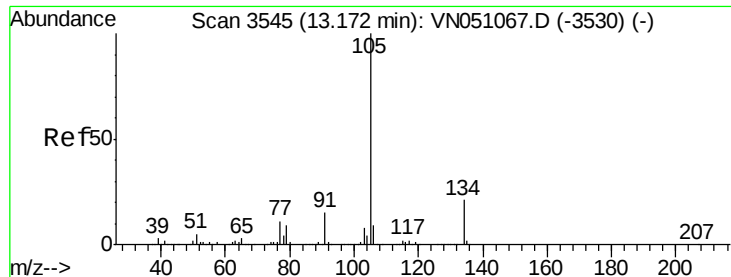
Tot Ion:119 Resp: 1349008
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.8 92.3
 134 24.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.13 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion:105 Resp: 1545679
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.00 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

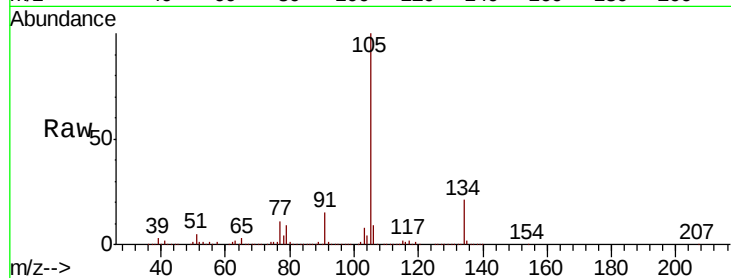
VSTDCCC050

Tot Ion:105 Resp: 1739560

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

400000

200000

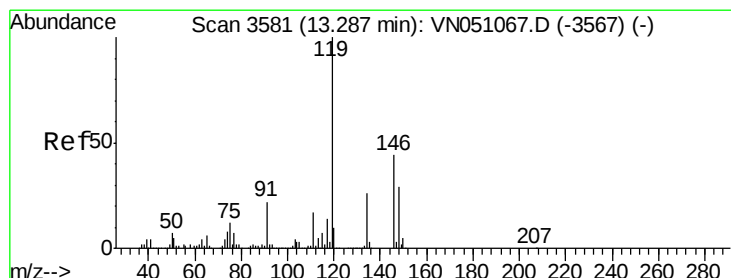
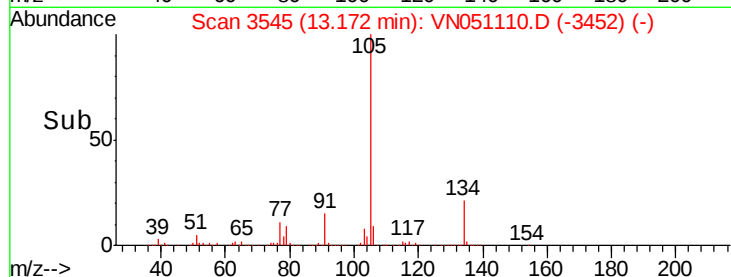
0

13.10

13.17

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 51.67 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

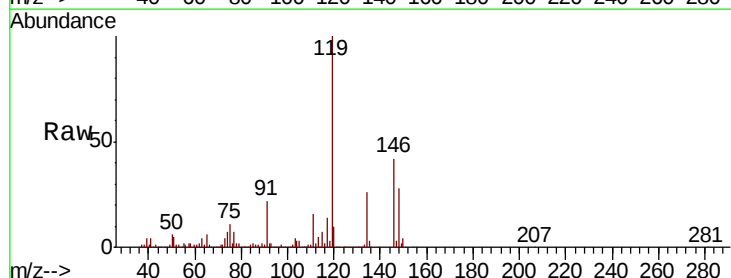
Tgt Ion:119 Resp: 1555309

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 21.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

500000

0

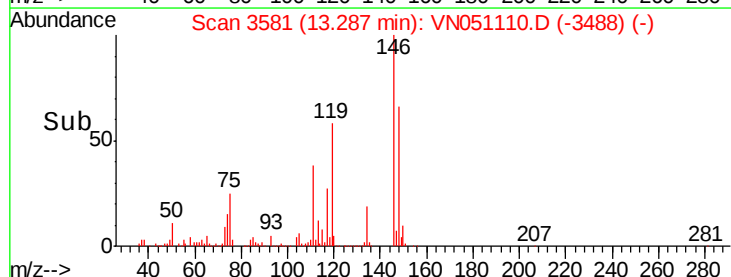
13.20

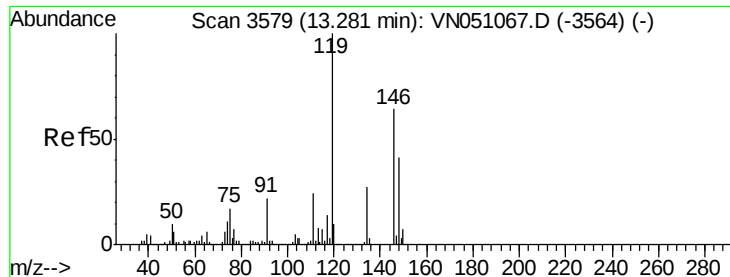
13.25

13.29

13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.68 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

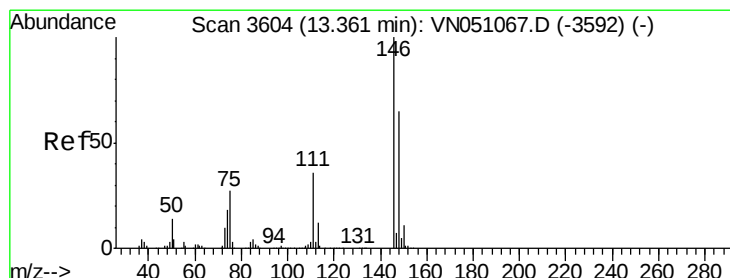
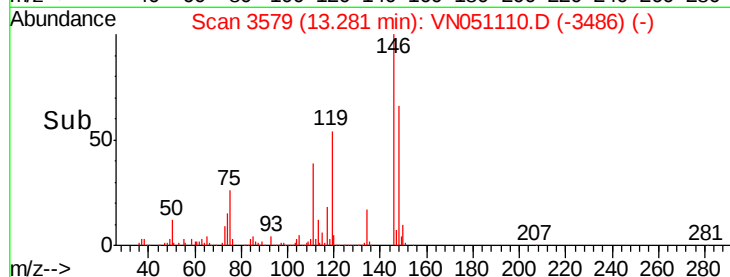
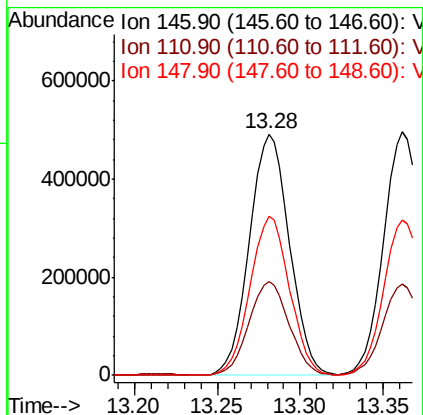
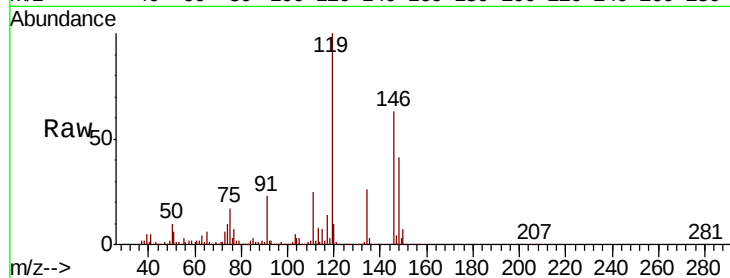
Tot Ion:146 Resp: 825042

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 64.9 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 49.88 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

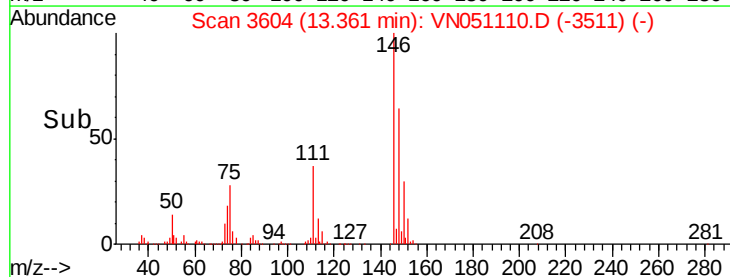
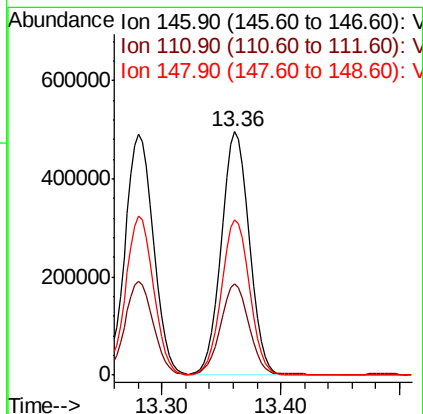
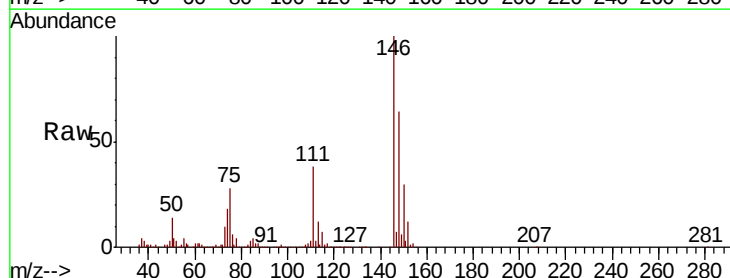
Tgt Ion:146 Resp: 809441

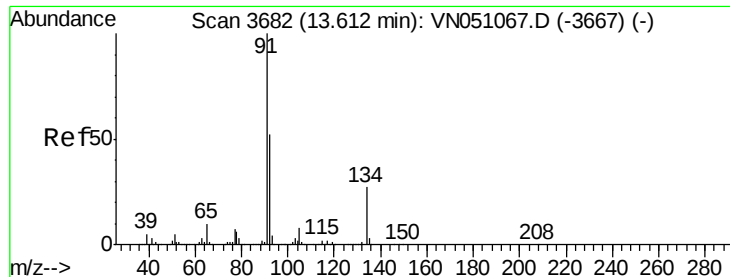
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.0

148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 52.90 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

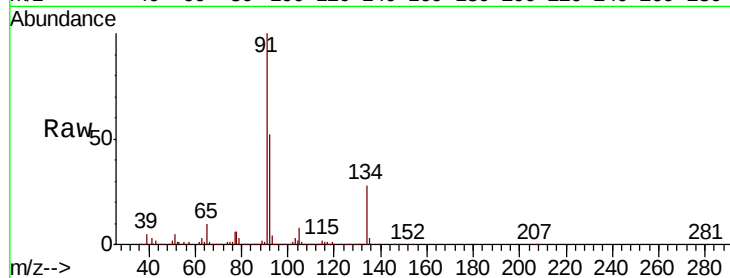
Tot Ion: 91 Resp: 1239391

Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.6
134	27.3	13.7	41.1

91 100

92 51.8 26.2 78.6

134 27.3 13.7 41.1

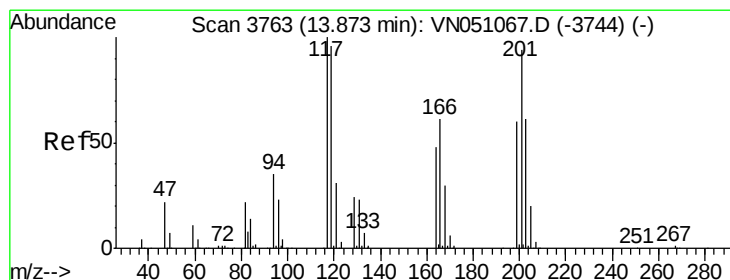
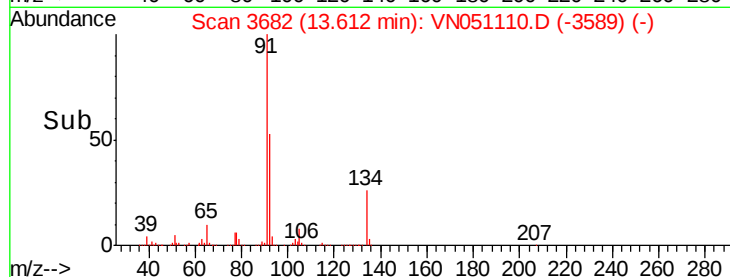
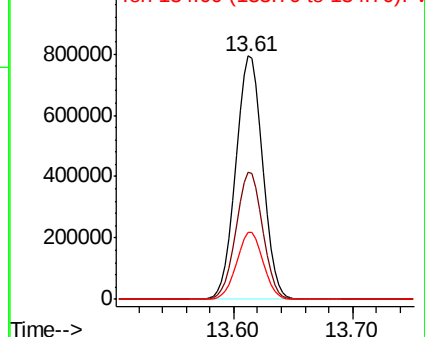


Abundance

Ion 91.00 (90.70 to 91.70): VN051110.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051110.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051110.D (-3667) (-)



#90

Hexachloroethane

Concen: 48.51 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051110.D

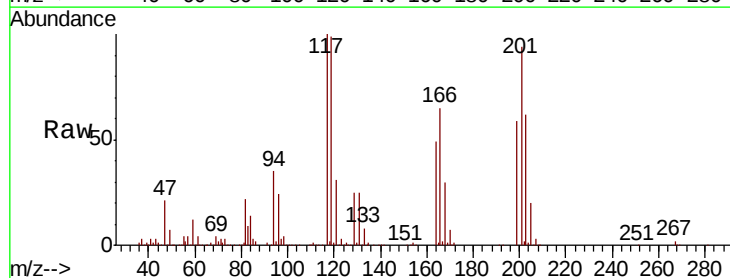
Acq: 11 Sep 2018 7:56

Tgt Ion: 117 Resp: 265971

Ion	Ratio	Lower	Upper
117	100		
201	94.0	47.3	142.0

117 100

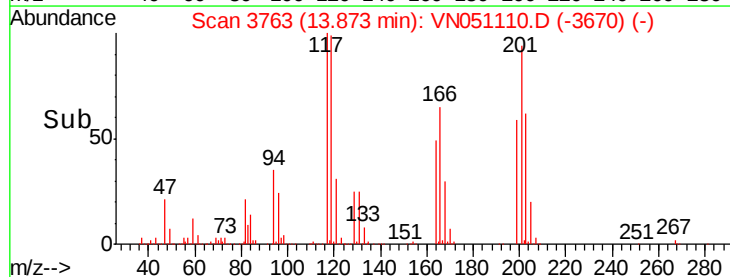
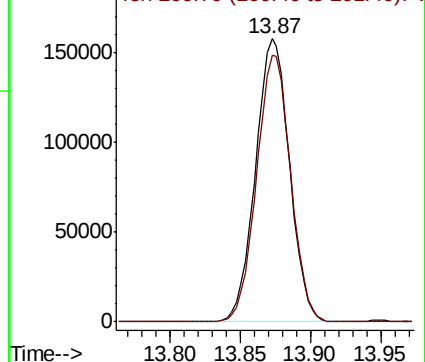
201 94.0 47.3 142.0

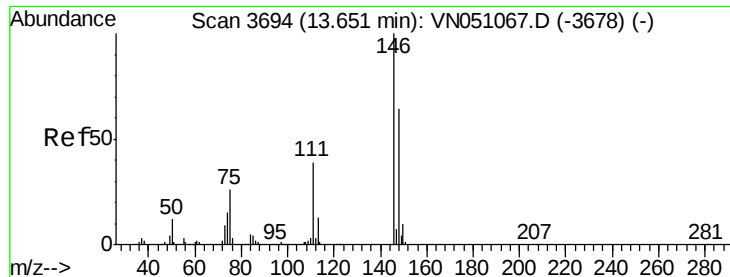


Abundance

Ion 116.80 (116.50 to 117.50): VN051110.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051110.D (-3744) (-)





#91

1,2-Dichlorobenzene

Concen: 46.05 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

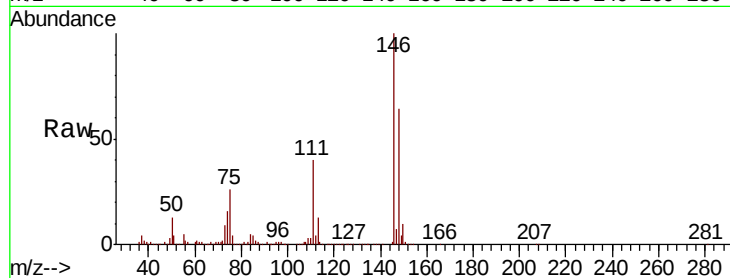
Tot Ion:146 Resp: 793128

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

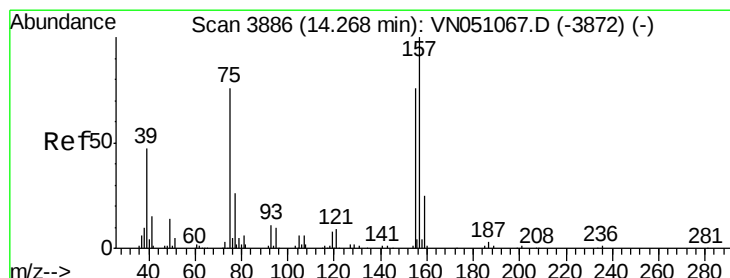
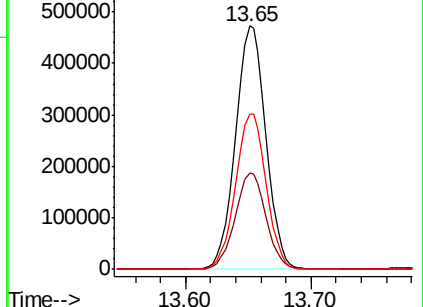
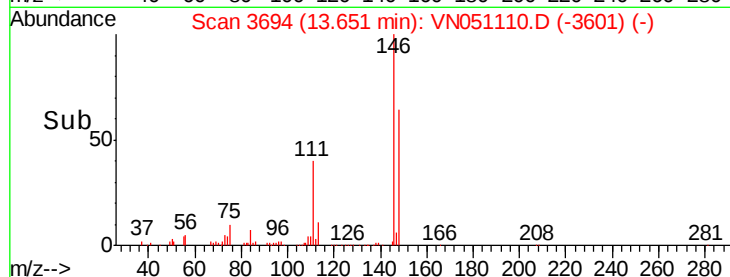
148 64.2 32.1 96.3



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: 47.65 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

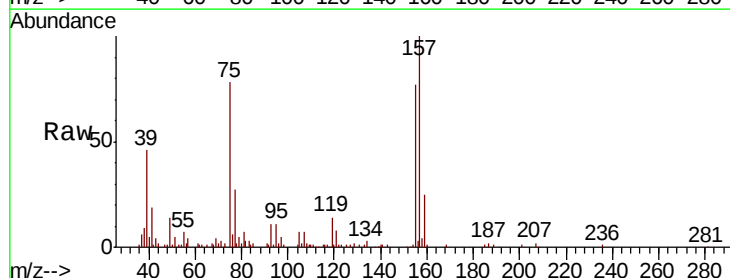
Tgt Ion: 75 Resp: 63073

Ion Ratio Lower Upper

75 100

155 98.8 48.7 146.1

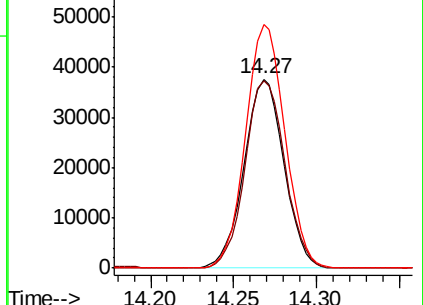
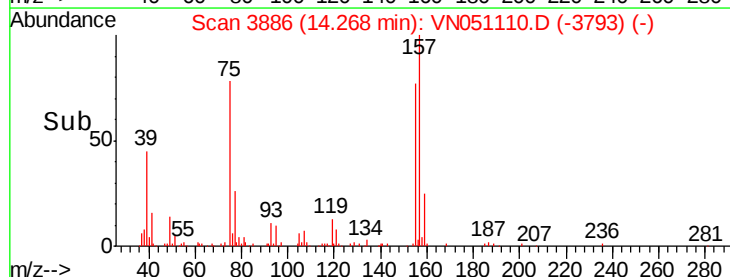
157 126.5 63.6 190.9

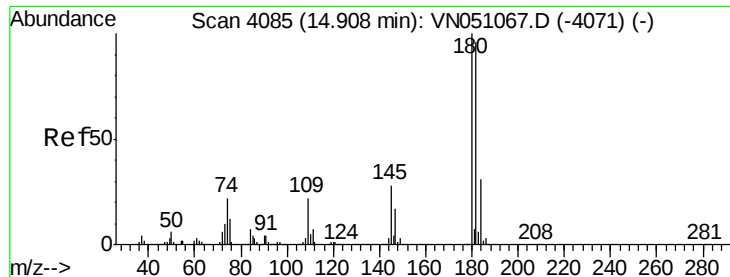


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

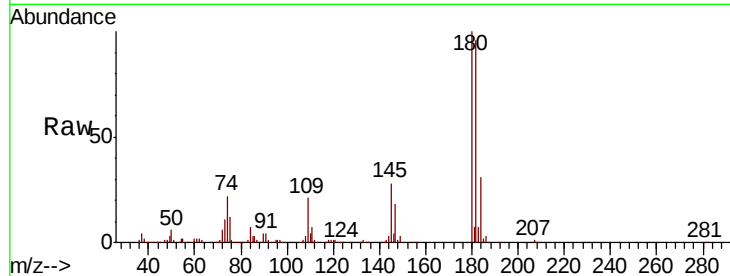




#93
 1,2,4-Trichlorobenzene
 Concen: 45.72 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	28.4	14.2	42.6

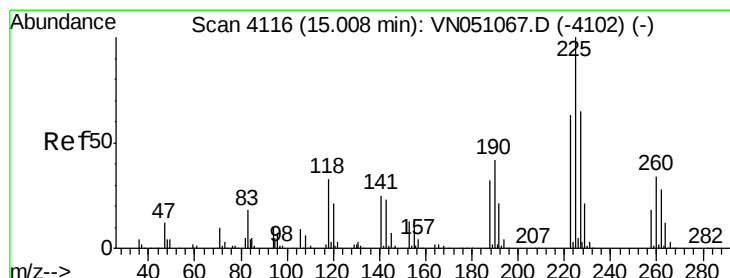
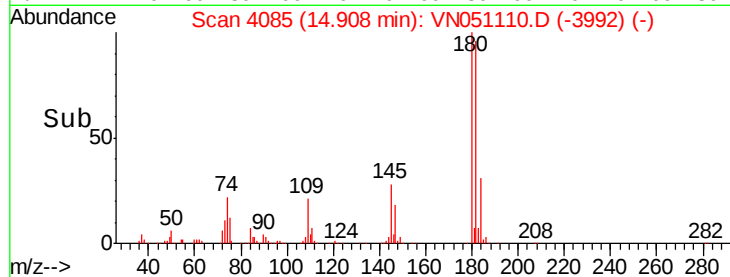
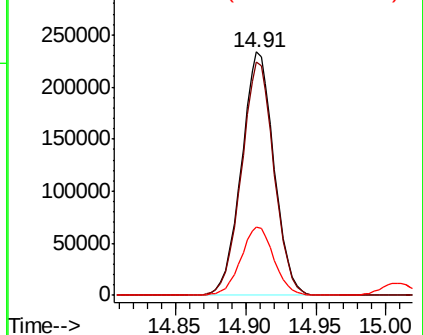


Abundance

Ion 179.80 (179.50 to 180.50): V

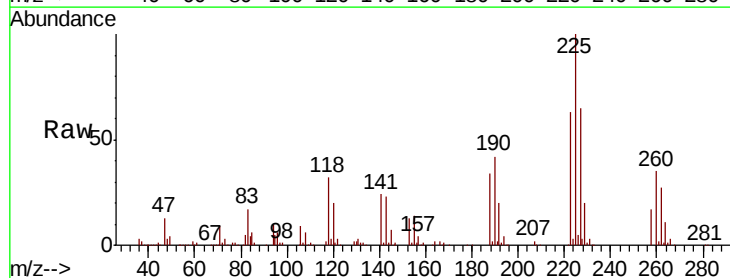
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.16 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051110.D
 Acq: 11 Sep 2018 7:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.0
227	64.8	32.1	96.3

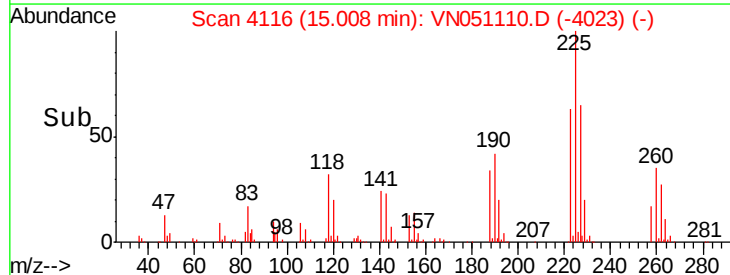
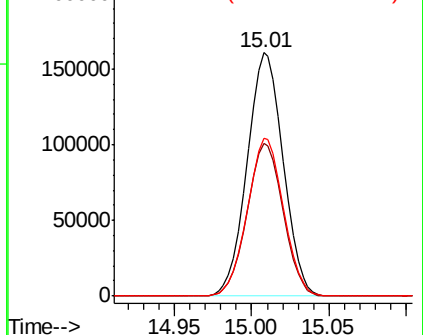


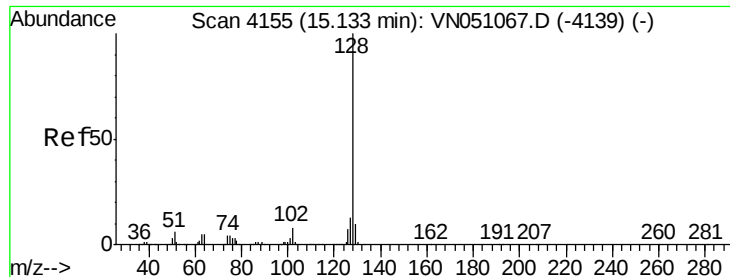
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 42.57 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

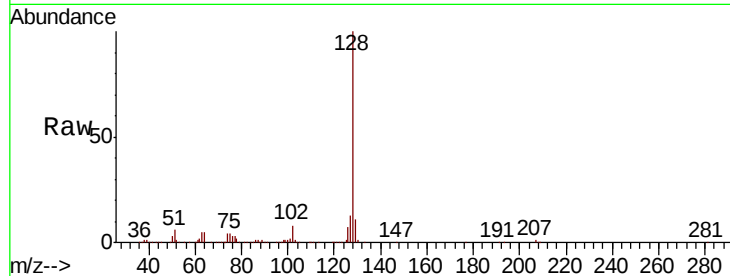
Tot Ion:128 Resp: 724885

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

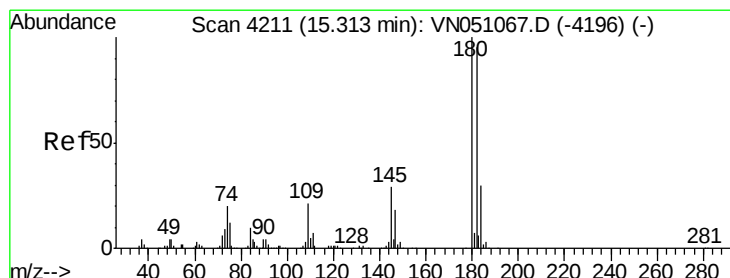
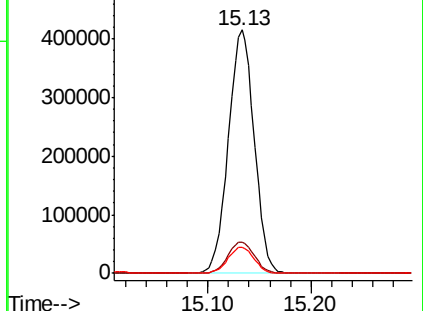
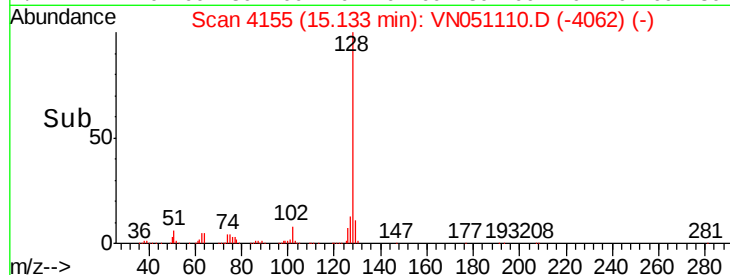
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.92 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051110.D

Acq: 11 Sep 2018 7:56

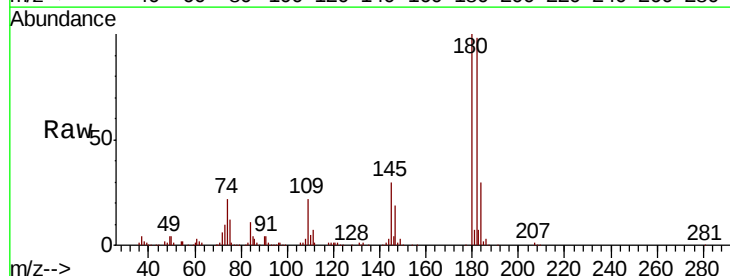
Tgt Ion:180 Resp: 363056

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.3

145 29.9 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

