

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122118\
 Data File : VN053122.D
 Acq On : 22 Dec 2018 00:17
 Operator : MD\SY
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 22 01:23:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1013826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1569885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1426065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	643624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	554347	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	445183	62.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.16%	
50) Toluene-d8	10.09	98	2000463	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	700651	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	475469	46.339	ug/l	100
3) Chloromethane	2.06	50	591068	47.537	ug/l	100
4) Vinyl Chloride	2.19	62	603335	47.912	ug/l	99
5) Bromomethane	2.57	94	364059	41.728	ug/l	99
6) Chloroethane	2.71	64	363265	48.708	ug/l	100
7) Trichlorofluoromethane	3.02	101	765500	48.798	ug/l	99
8) Diethyl Ether	3.41	74	315596	53.328	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	480871	48.078	ug/l	98
10) Methyl Iodide	3.96	142	672850	47.903	ug/l	99
11) Tert butyl alcohol	4.78	59	185167	294.965	ug/l	98
12) 1,1-Dichloroethene	3.74	96	471974	48.843	ug/l	99
13) Acrolein	3.61	56	176350	309.813	ug/l	98
14) Allyl chloride	4.33	41	728728	48.686	ug/l	98
15) Acrylonitrile	4.99	53	993278	284.810	ug/l	100
16) Acetone	3.82	43	635573	315.071	ug/l	97
17) Carbon Disulfide	4.06	76	1289208	40.910	ug/l	99
18) Methyl Acetate	4.33	43	524297	57.121	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1425082	55.109	ug/l	98
20) Methylene Chloride	4.56	84	553988	50.345	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	507527	48.885	ug/l	99
22) Diisopropyl ether	5.95	45	1719335	53.815	ug/l	99
23) Vinyl Acetate	5.90	43	5069857	275.961	ug/l	99
24) 1,1-Dichloroethane	5.85	63	973481	51.276	ug/l	99
25) 2-Butanone	6.84	43	1063626	314.179	ug/l	97
26) 2,2-Dichloropropane	6.83	77	567973	39.191	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	596281	50.731	ug/l	98
28) Bromochloromethane	7.20	49	433993	52.755	ug/l	96
29) Tetrahydrofuran	7.21	42	742197	293.537	ug/l	97
30) Chloroform	7.37	83	949579	50.916	ug/l	99
31) Cyclohexane	7.66	56	876342	49.200	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	795254	50.056	ug/l	99
36) 1,1-Dichloropropene	7.80	75	727005	48.248	ug/l	99
37) Ethyl Acetate	6.93	43	487808	57.991	ug/l	98
38) Carbon Tetrachloride	7.78	117	668219	48.382	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	834249	45.575	ug/l	99
40) Benzene	8.04	78	2255299	50.319	ug/l	99
41) Methacrylonitrile	7.18	41	273601	56.293	ug/l	98
42) 1,2-Dichloroethane	8.13	62	674173	50.917	ug/l	99
43) Isopropyl Acetate	8.17	43	899497	55.369	ug/l	98
44) Trichloroethene	8.84	130	617798	47.656	ug/l	98
45) 1,2-Dichloropropane	9.12	63	599575	51.358	ug/l	100
46) Dibromomethane	9.21	93	347961	51.165	ug/l	98
47) Bromodichloromethane	9.40	83	729199	50.442	ug/l	100
48) Methyl methacrylate	9.20	41	454485	55.679	ug/l	98
49) 1,4-Dioxane	9.20	88	108187	1047.788	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2458662	301.818	ug/l	99
52) Toluene	10.16	92	1410897	50.787	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	737662	48.526	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	845972	48.484	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	515376	53.176	ug/l	98
56) Ethyl methacrylate	10.43	69	721253	56.225	ug/l	97
57) 1,3-Dichloropropane	10.71	76	881608	53.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1952393	277.228	ug/l	98
59) 2-Hexanone	10.75	43	1677477	304.357	ug/l	99
60) Dibromochloromethane	10.90	129	567395	51.145	ug/l	99
61) 1,2-Dibromoethane	11.01	107	517073	52.532	ug/l	99
64) Tetrachloroethene	10.63	164	702415	45.471	ug/l	99
65) Chlorobenzene	11.44	112	1556283	49.231	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	545868	49.656	ug/l	100
67) Ethyl Benzene	11.51	91	2708498	49.821	ug/l	99
68) m/p-Xylenes	11.62	106	2024217	97.945	ug/l	100
69) o-Xylene	11.95	106	1000555	50.453	ug/l	100
70) Styrene	11.96	104	1646101	50.904	ug/l	99
71) Bromoform	12.13	173	395194	49.763	ug/l	100
73) Isopropylbenzene	12.25	105	2636742	52.360	ug/l	100
74) N-amyl acetate	12.07	43	815688	58.342	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	605959	61.335	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	792423	73.137	ug/l #	100
77) Bromobenzene	12.53	156	677260	51.738	ug/l	99
78) n-propylbenzene	12.59	91	2937766	51.222	ug/l	100
79) 2-Chlorotoluene	12.68	91	1732912	48.745	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2063601	50.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	162747	48.414	ug/l	98
82) 4-Chlorotoluene	12.78	91	1765659	50.737	ug/l	100
83) tert-Butylbenzene	12.99	119	1803469	49.680	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2077374	50.345	ug/l	100
85) sec-Butylbenzene	13.17	105	2370834	48.285	ug/l	100
86) p-Isopropyltoluene	13.29	119	2022115	47.660	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1126869	48.639	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1110462	47.330	ug/l	100
89) n-Butylbenzene	13.62	91	1624423	44.503	ug/l	100
90) Hexachloroethane	13.88	117	314810	48.351	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1060092	48.618	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88765	51.963	ug/l	99

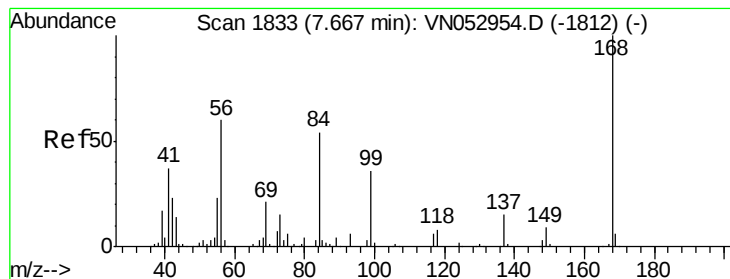
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	513961	44.556	ug/l	100
94) Hexachlorobutadiene	15.01	225	294271	49.149	ug/l	100
95) Naphthalene	15.14	128	1218010	48.175	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	475404	45.743	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

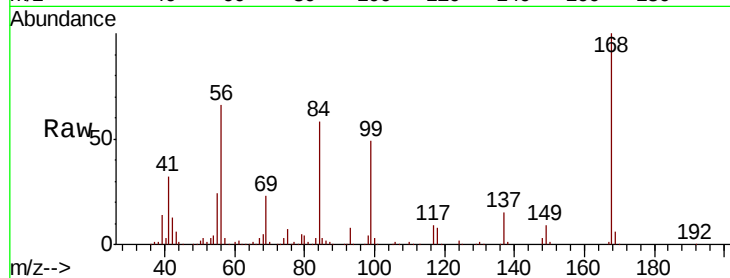
VSTDCCC050EC

Tot Ion:168 Resp: 1013826

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

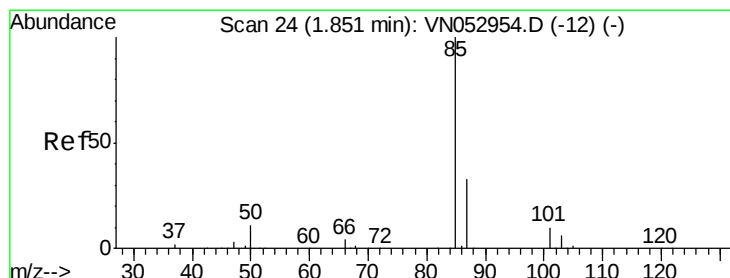
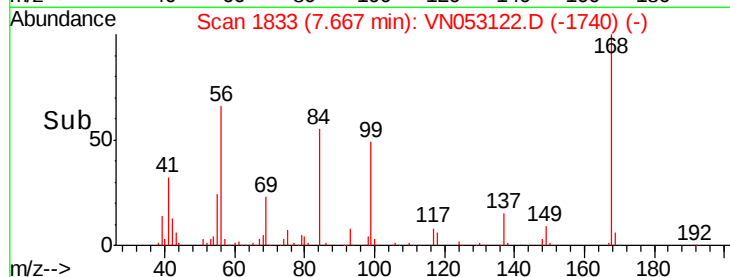
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.339 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053122.D

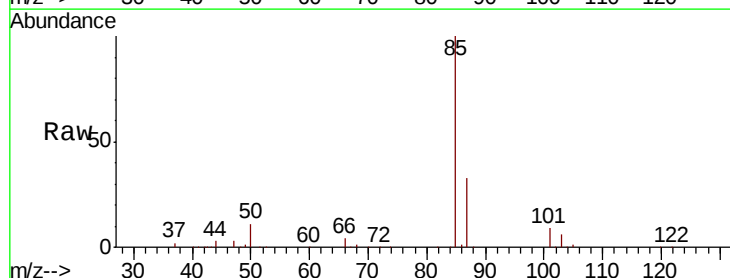
Acq: 22 Dec 2018 00:17

Tgt Ion: 85 Resp: 475469

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

400000

300000

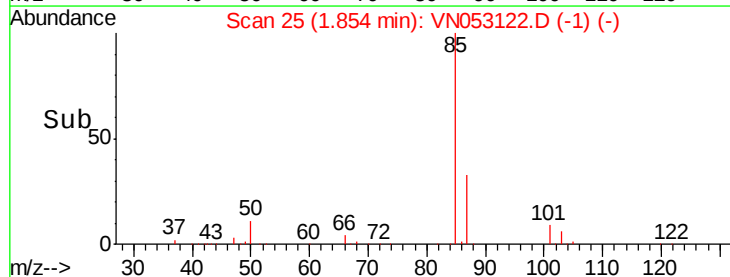
200000

100000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 47.537 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

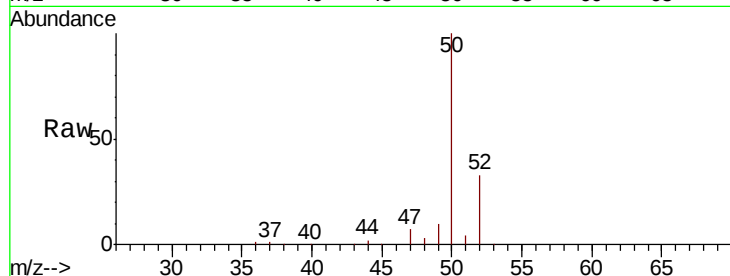
VSTDCCC050EC

Tot Ion: 50 Resp: 591068

Ion Ratio Lower Upper

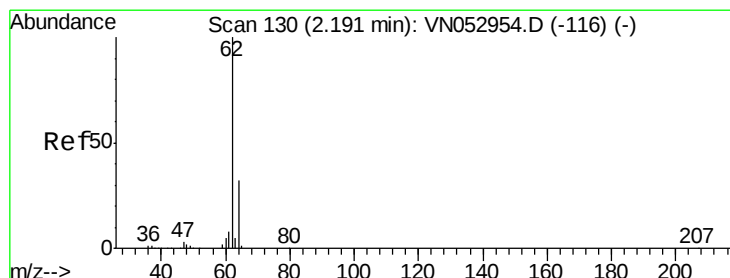
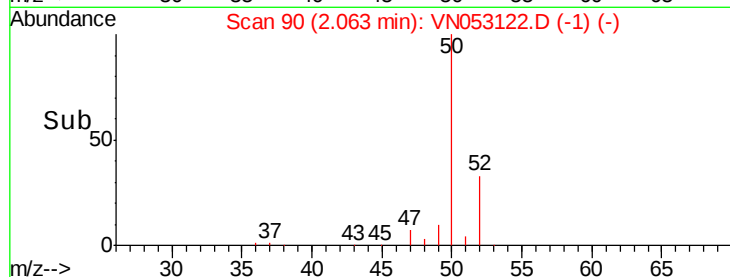
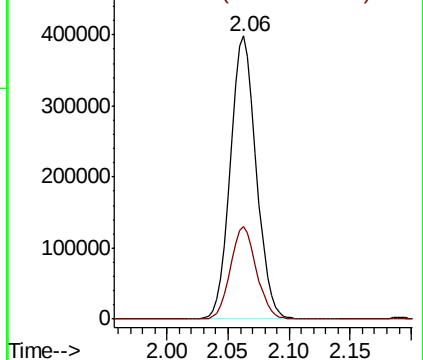
50 100

52 32.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.912 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN053122.D

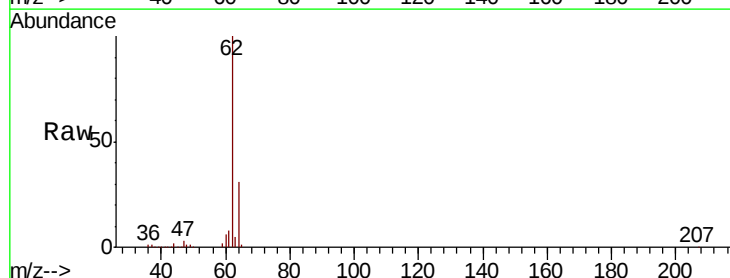
Acq: 22 Dec 2018 00:17

Tgt Ion: 62 Resp: 603335

Ion Ratio Lower Upper

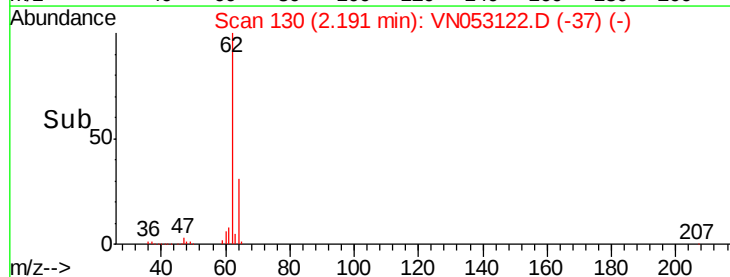
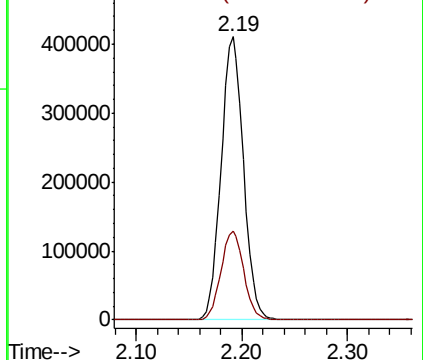
62 100

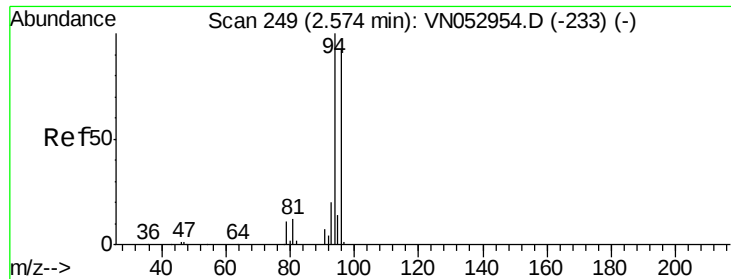
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 41.728 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

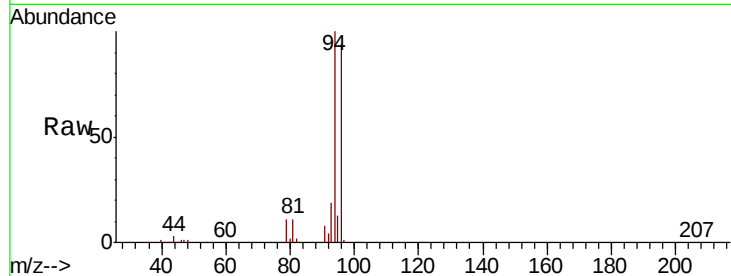
VSTDCCC050EC

Tot Ion: 94 Resp: 364059

Ion Ratio Lower Upper

94 100

96 94.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

200000

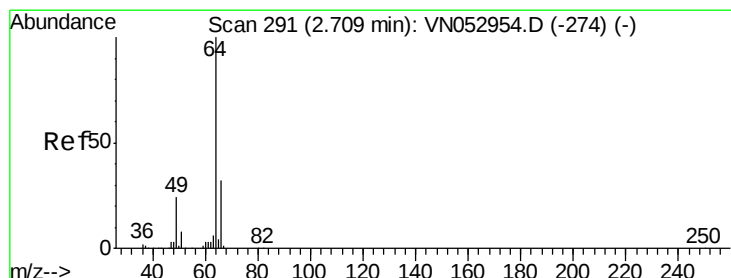
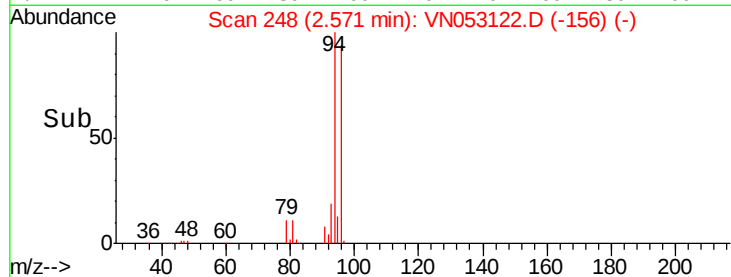
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.708 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN053122.D

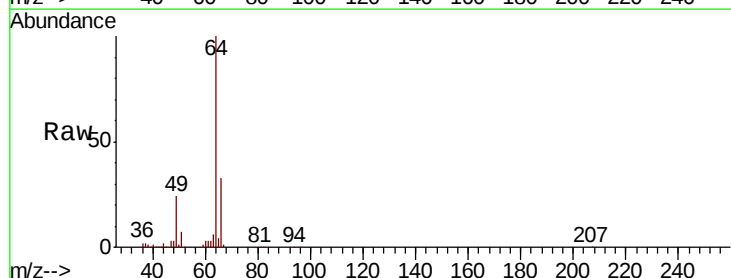
Acq: 22 Dec 2018 00:17

Tgt Ion: 64 Resp: 363265

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

200000

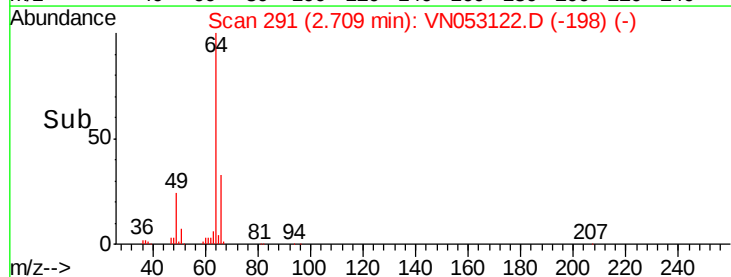
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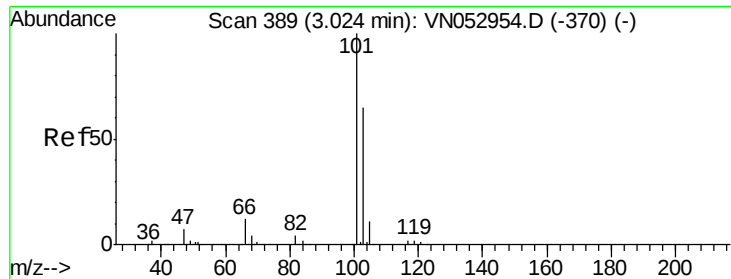
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Time-->



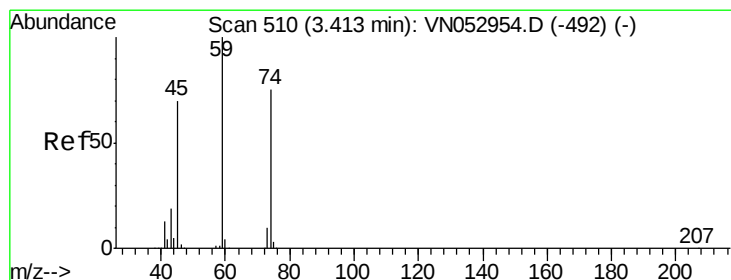
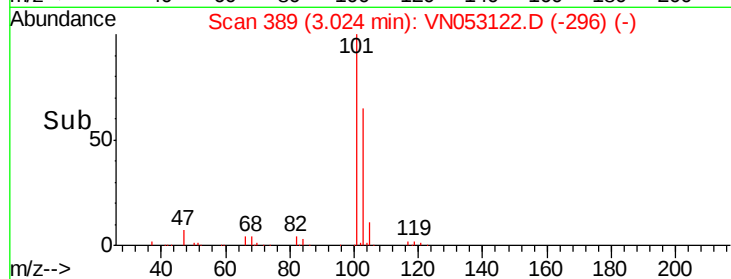
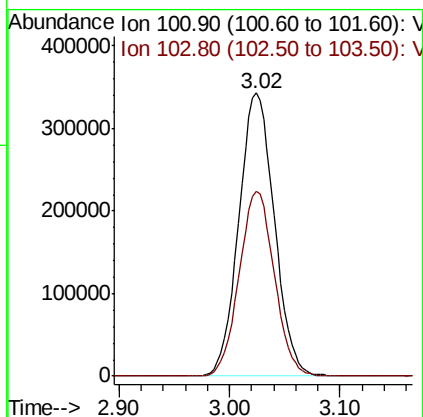
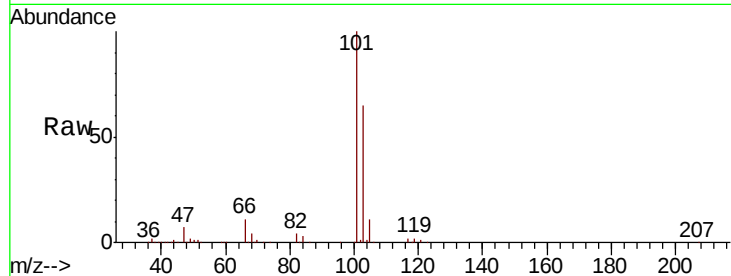


#7

Trichlorofluoromethane
 Concen: 48.798 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

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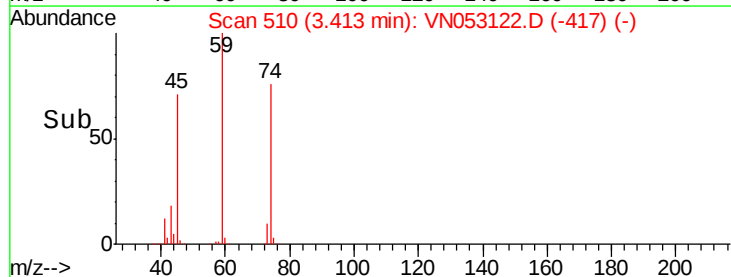
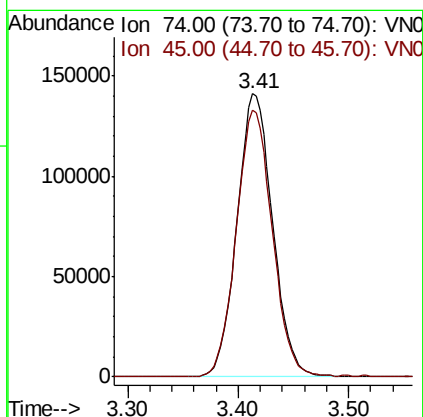
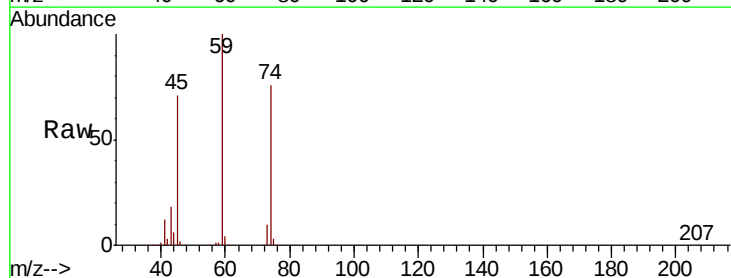
Tot Ion:101 Resp: 765500
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

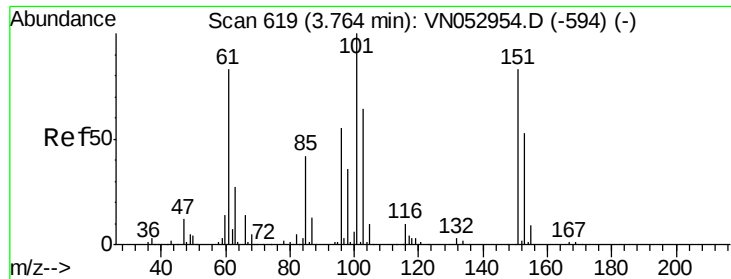


#8

Diethyl Ether
 Concen: 53.328 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 74 Resp: 315596
 Ion Ratio Lower Upper
 74 100
 45 95.3 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.078 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

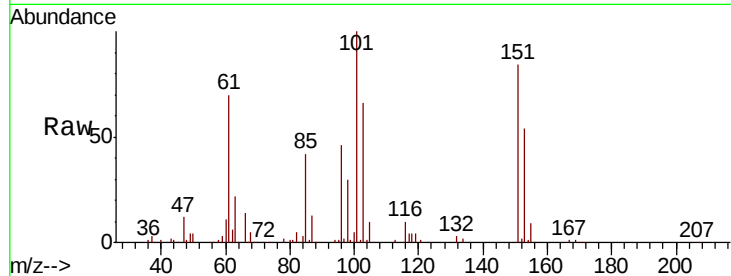
Tot Ion:101 Resp: 480871

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

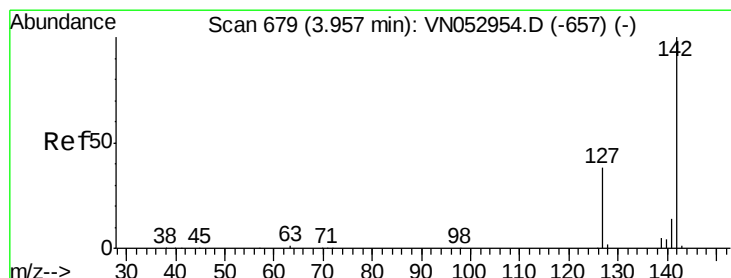
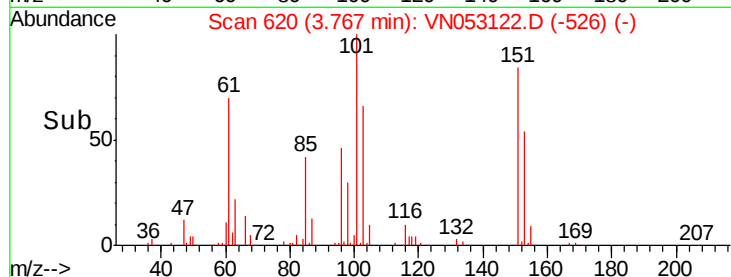
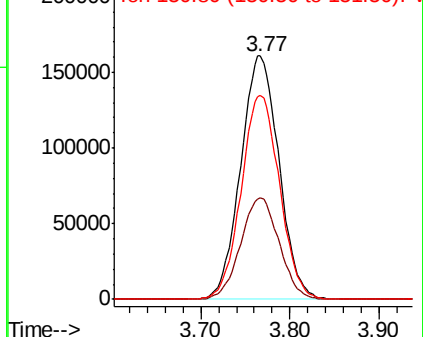
151 84.0 65.5 98.3



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: 47.903 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

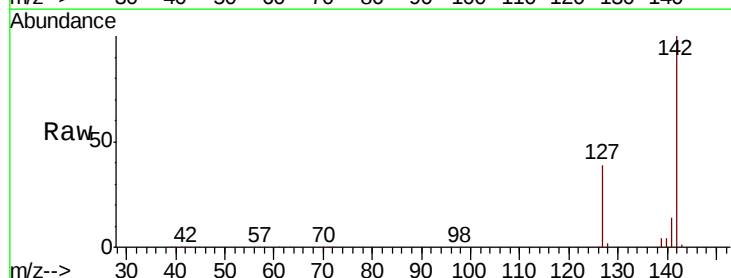
Tgt Ion:142 Resp: 672850

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.6

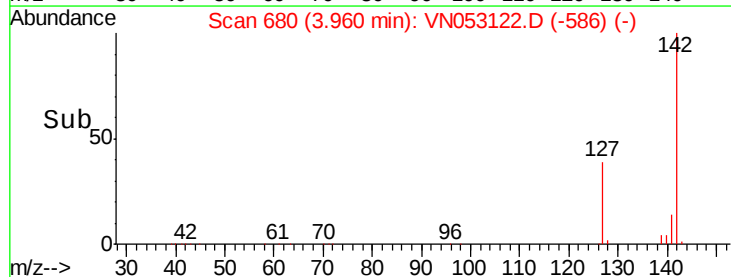
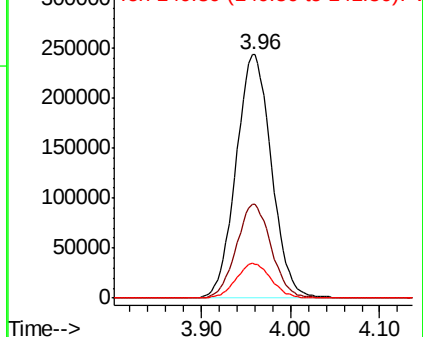
141 14.1 11.2 16.8

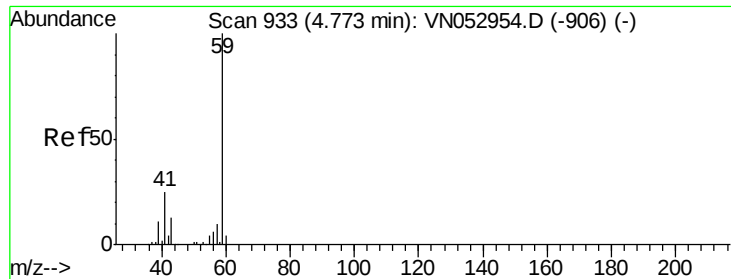


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



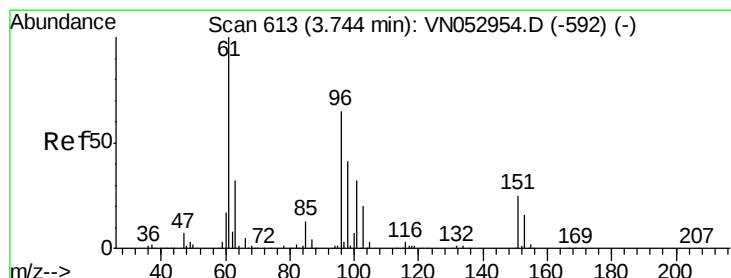
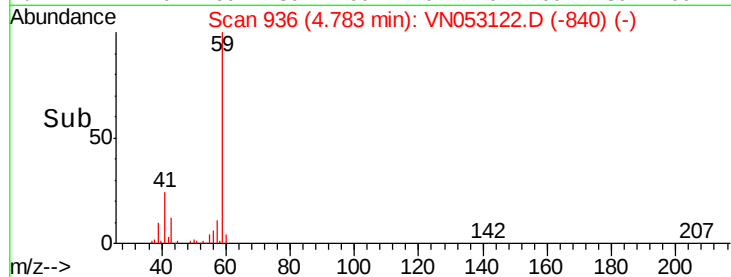
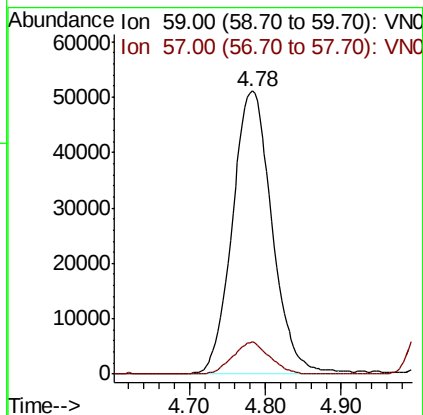
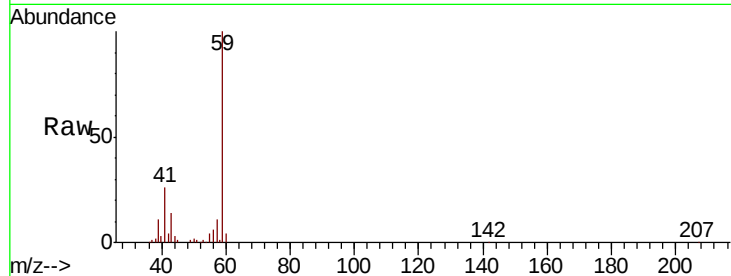


#11

Tert butyl alcohol
 Concen: 294.965 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

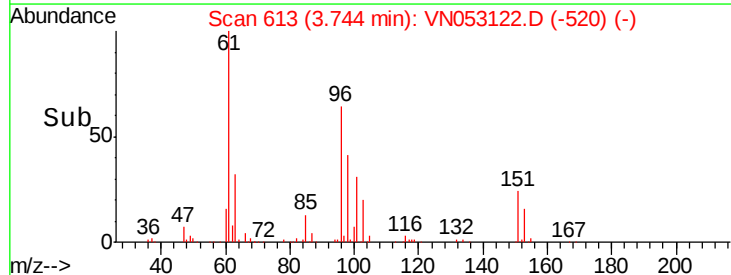
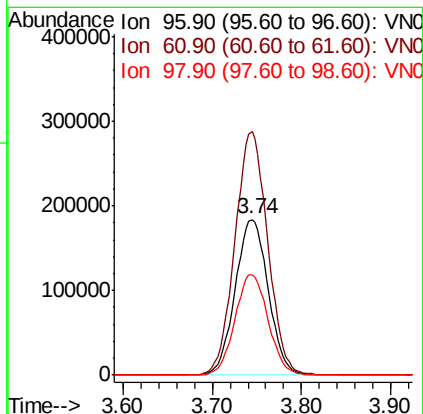
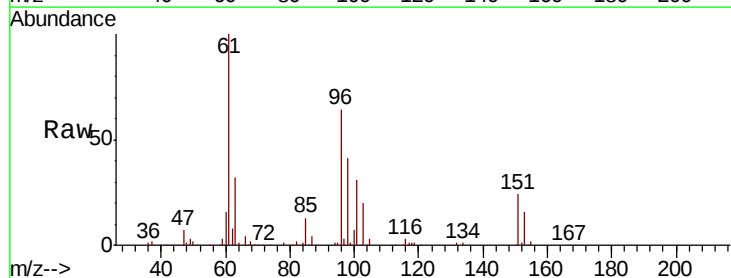
Tot Ion: 59 Resp: 185167
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.7 11.5

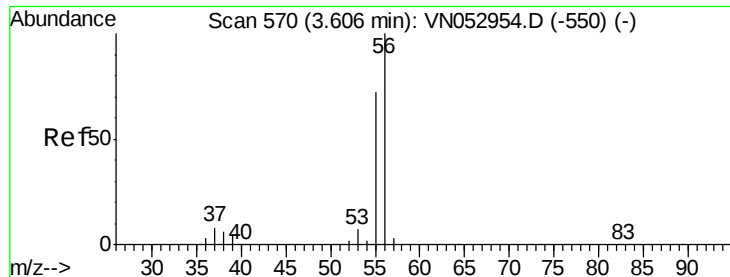


#12

1,1-Dichloroethene
 Concen: 48.843 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 96 Resp: 471974
 Ion Ratio Lower Upper
 96 100
 61 156.7 125.6 188.4
 98 64.6 50.6 75.8





#13

Acrolein

Concen: 309.813 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

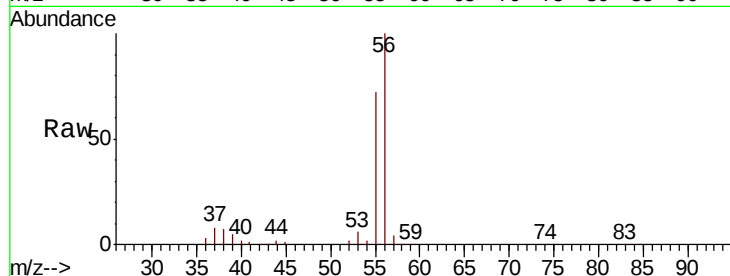
VSTDCCC050EC

Tot Ion: 56 Resp: 176350

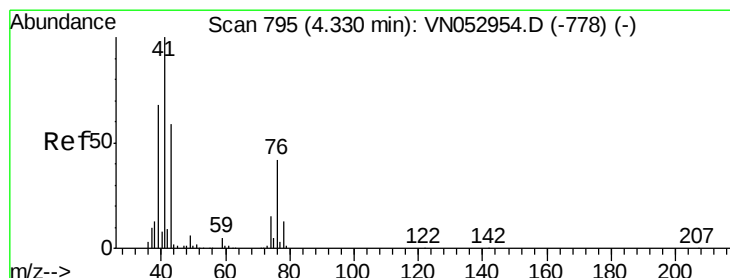
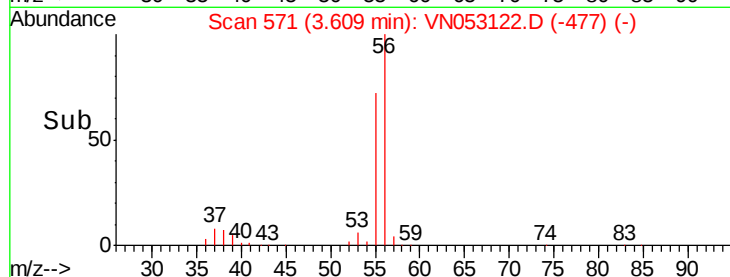
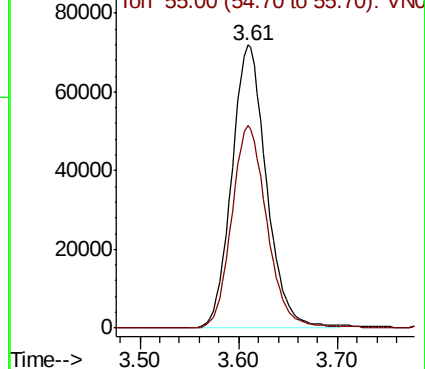
Ion Ratio Lower Upper

56 100

55 72.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN053122.D (-477) (-)



#14

Allyl chloride

Concen: 48.686 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

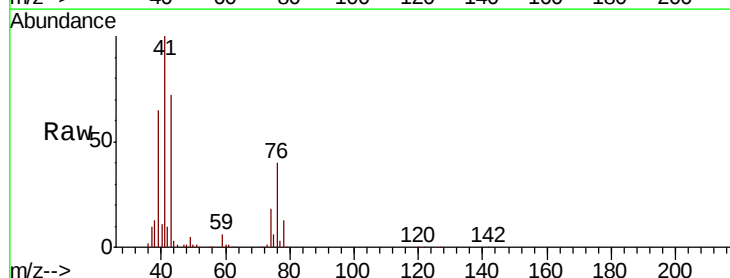
Tgt Ion: 41 Resp: 728728

Ion Ratio Lower Upper

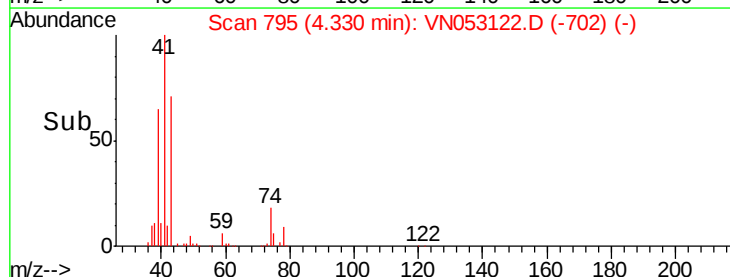
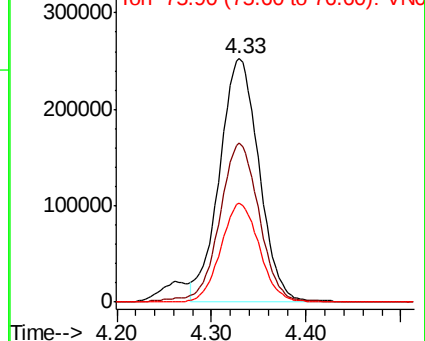
41 100

39 66.2 54.1 81.1

76 39.1 30.3 45.5



Abundance Ion 41.00 (40.70 to 41.70): VN053122.D (-702) (-)





#15

Acrylonitrile

Concen: 284.810 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

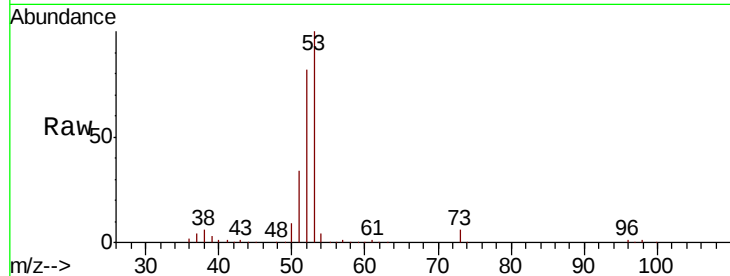
Tot Ion: 53 Resp: 993278

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

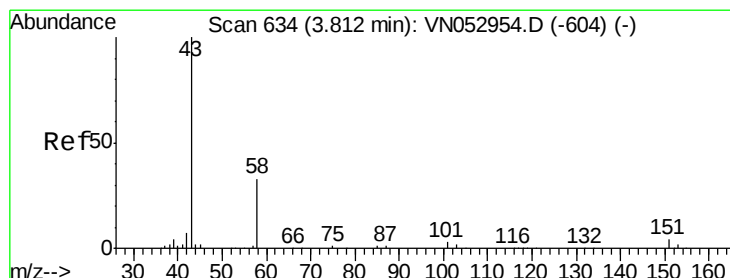
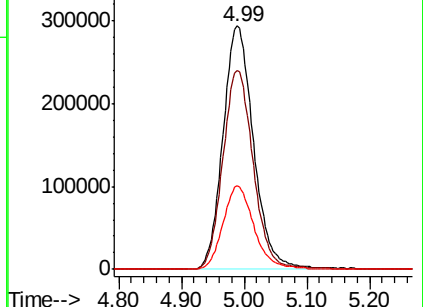
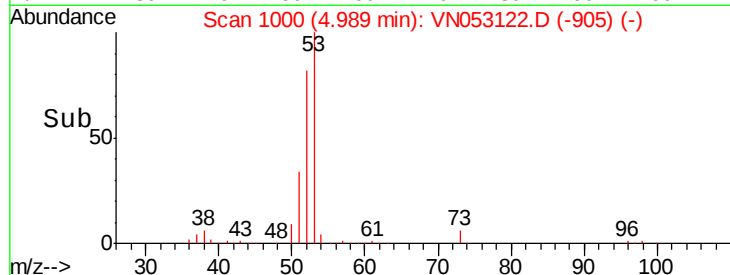
51 34.8 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN053122.D (-905) (-)

Ion 52.00 (51.70 to 52.70): VN053122.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VN053122.D (-905) (-)



#16

Acetone

Concen: 315.071 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053122.D

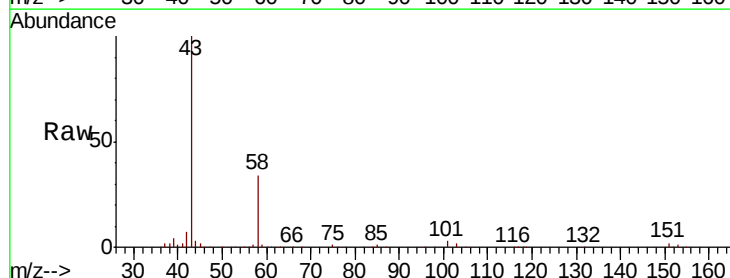
Acq: 22 Dec 2018 00:17

Tgt Ion: 43 Resp: 635573

Ion Ratio Lower Upper

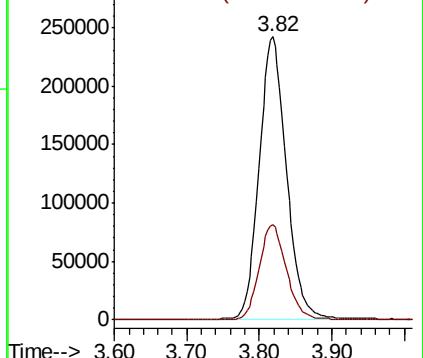
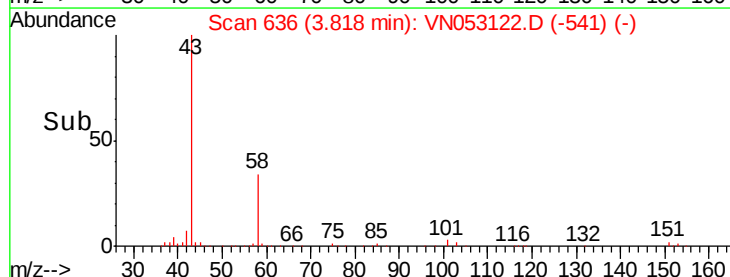
43 100

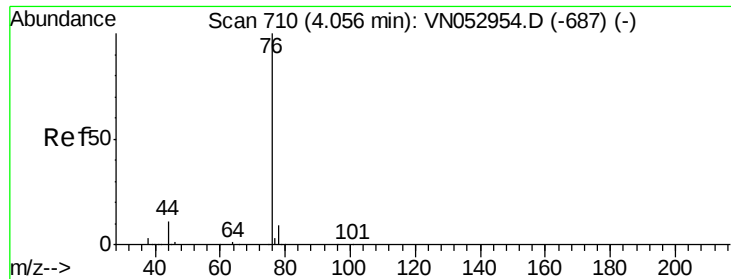
58 33.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053122.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053122.D (-541) (-)

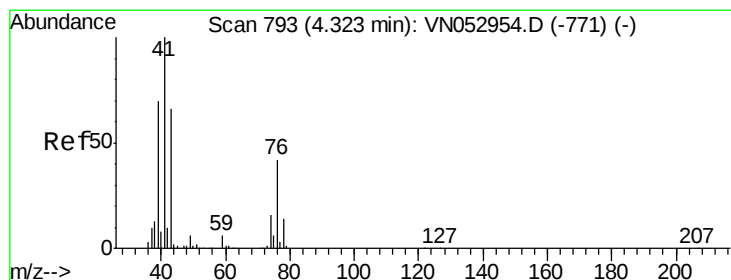
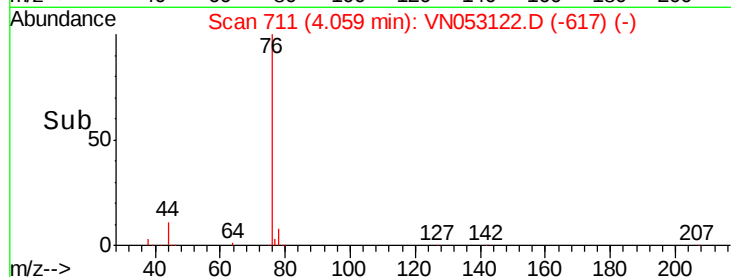
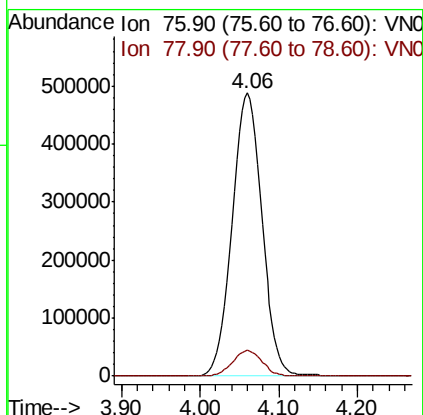
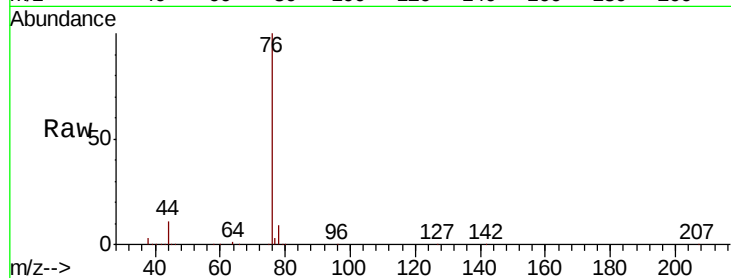




#17
Carbon Disulfide
Concen: 40.910 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

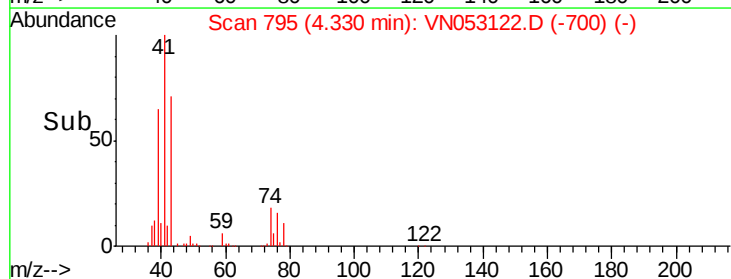
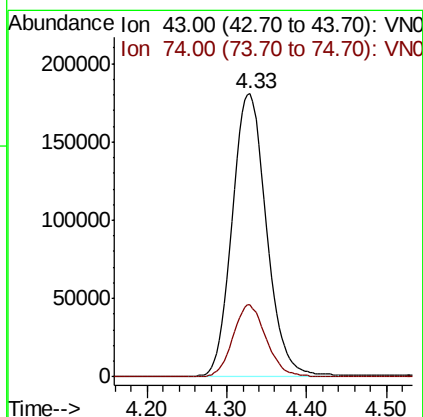
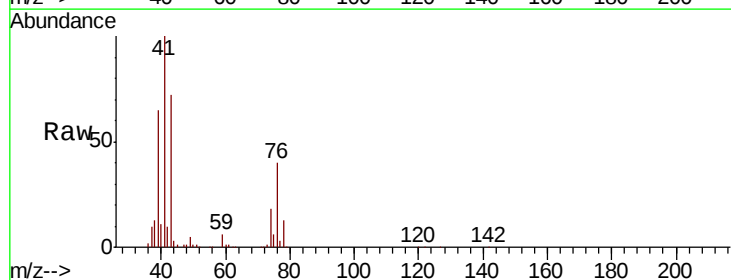
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

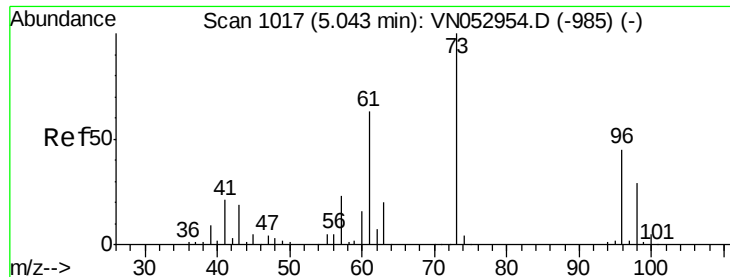
Tot Ion: 76 Resp: 1289208
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 57.121 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 43 Resp: 524297
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8





#19

Methyl tert-butyl Ether
 Concen: 55.109 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

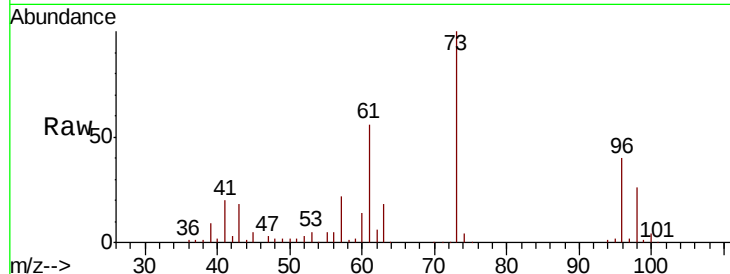
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1425082

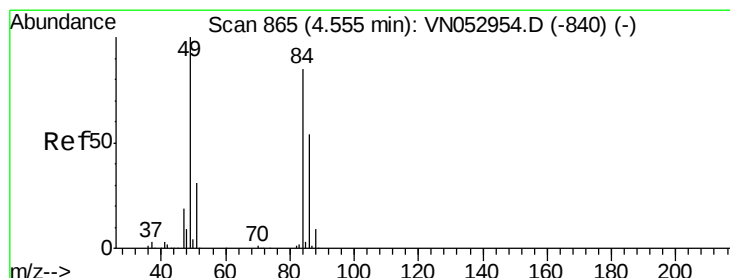
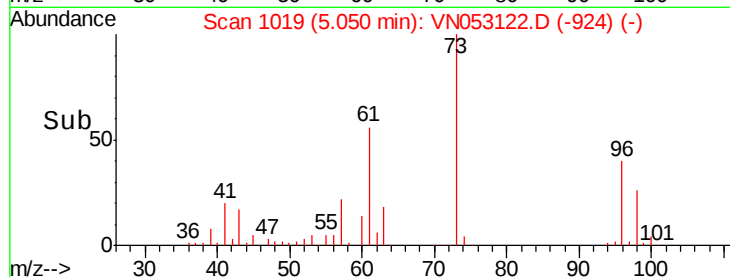
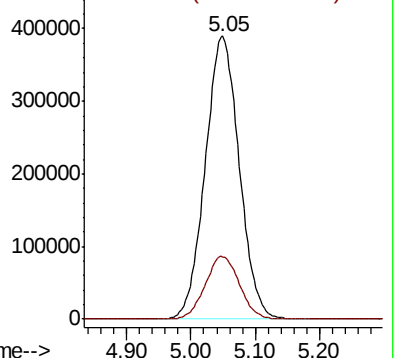
Ion Ratio Lower Upper

73 100

57 22.0 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN052954.D (-985) (-)
 Ion 57.00 (56.70 to 57.70): VN052954.D (-985) (-)



#20

Methylene Chloride
 Concen: 50.345 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 84 Resp: 553988

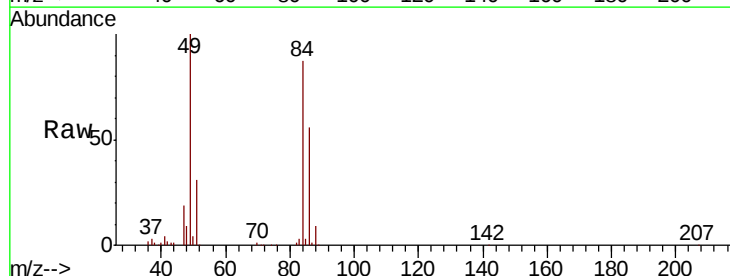
Ion Ratio Lower Upper

84 100

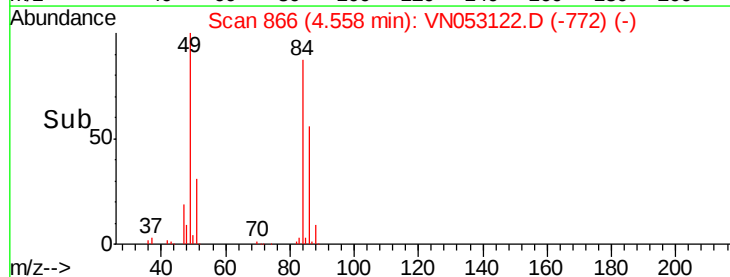
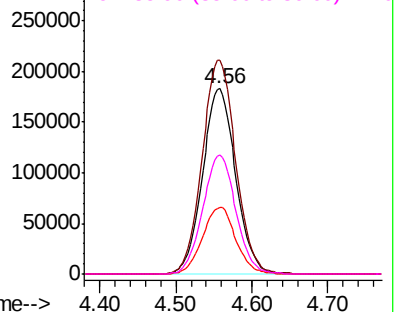
49 115.2 96.8 145.2

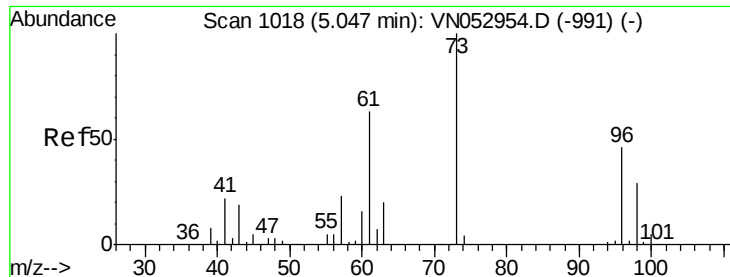
51 35.9 29.9 44.9

86 64.1 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VN052954.D (-840) (-)
 Ion 48.90 (48.60 to 49.60): VN052954.D (-840) (-)
 Ion 50.90 (50.60 to 51.60): VN052954.D (-840) (-)
 Ion 85.90 (85.60 to 86.60): VN052954.D (-840) (-)

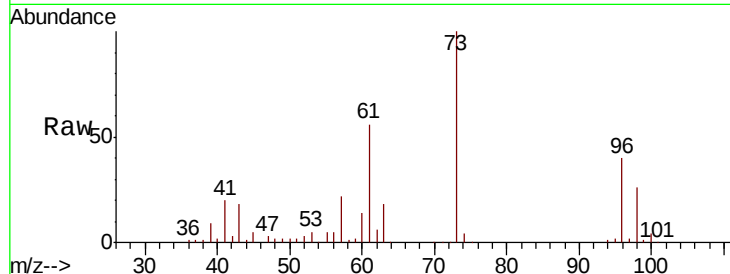




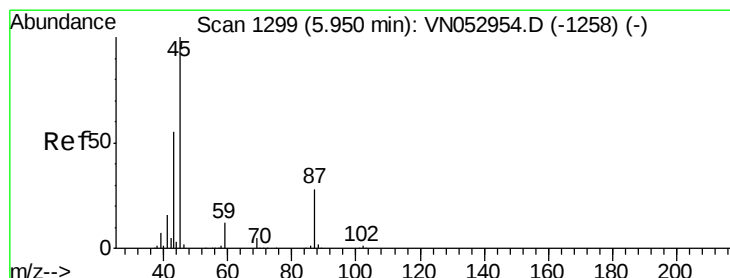
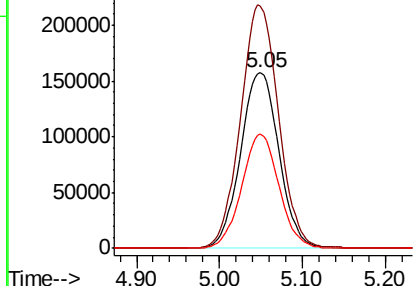
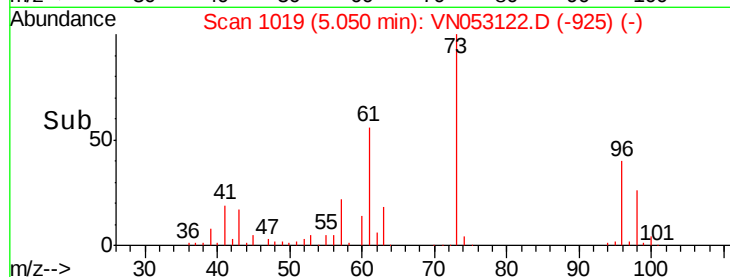
#21
trans-1,2-Dichloroethene
Concen: 48.885 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 507527
Ion Ratio Lower Upper
96 100
61 138.1 110.8 166.2
98 65.1 51.4 77.2

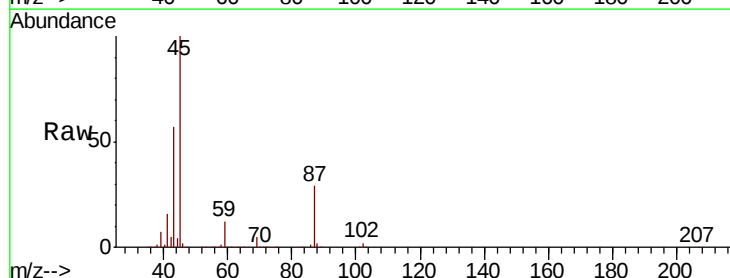


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

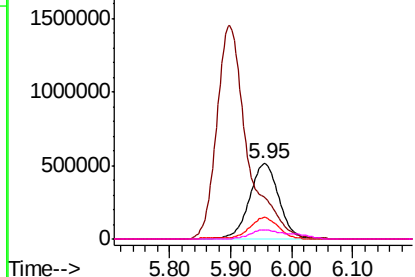
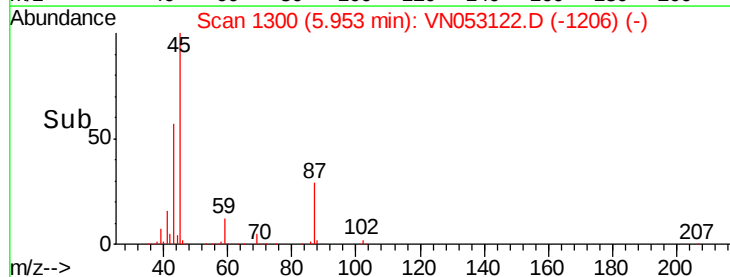


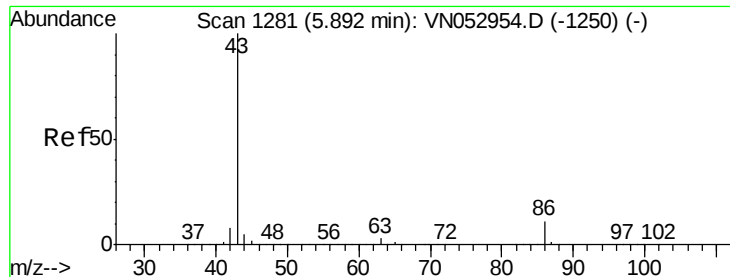
#22
Diisopropyl ether
Concen: 53.815 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 45 Resp: 1719335
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 28.8 22.0 33.0
59 11.6 9.4 14.0



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

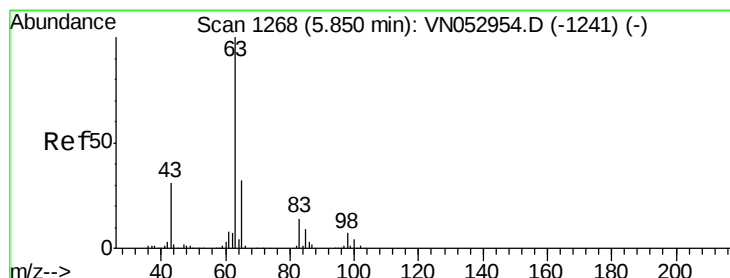
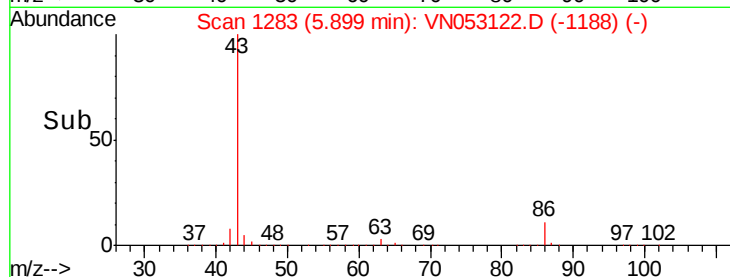
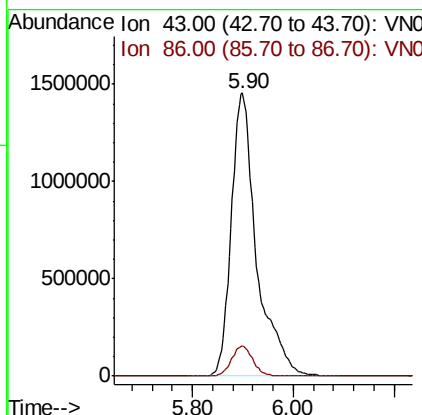
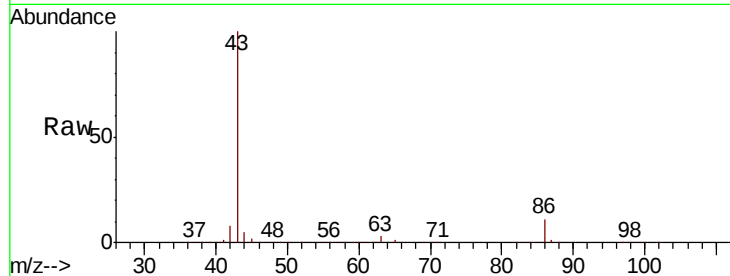




#23
 Vinyl Acetate
 Concen: 275.961 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

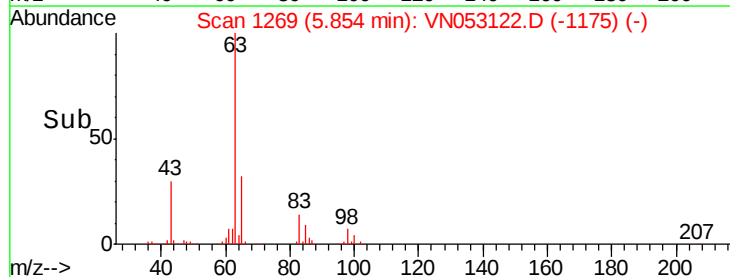
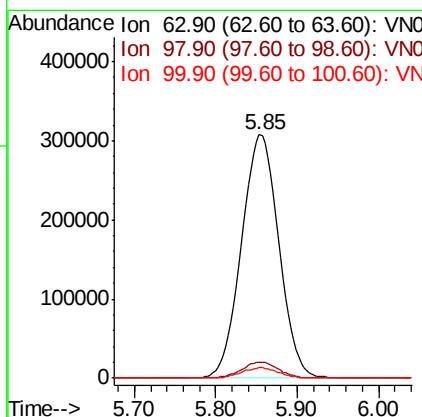
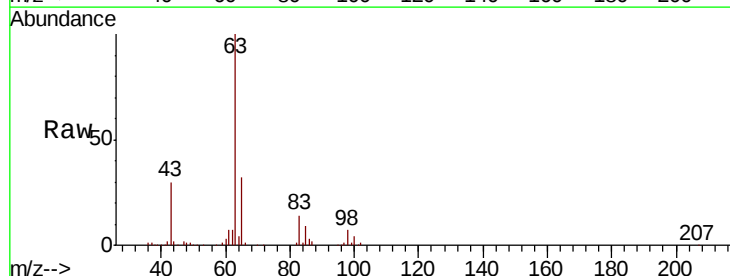
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

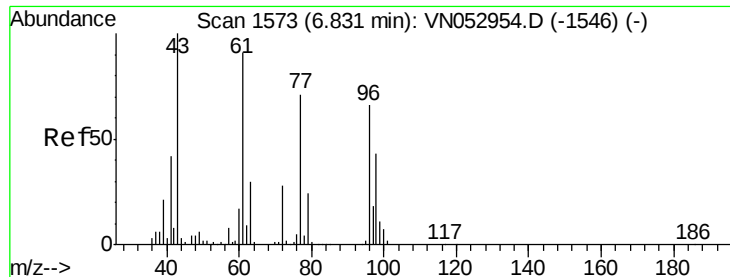
Tot Ion: 43 Resp: 5069857
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 51.276 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 63 Resp: 973481
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 314.179 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

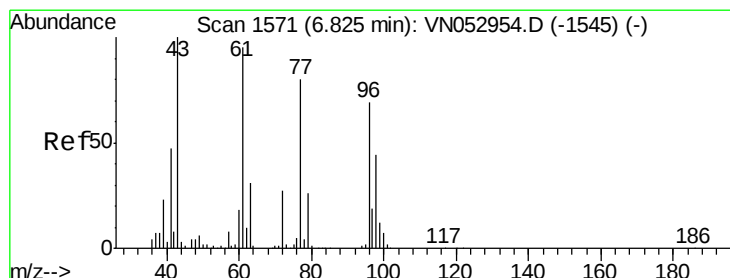
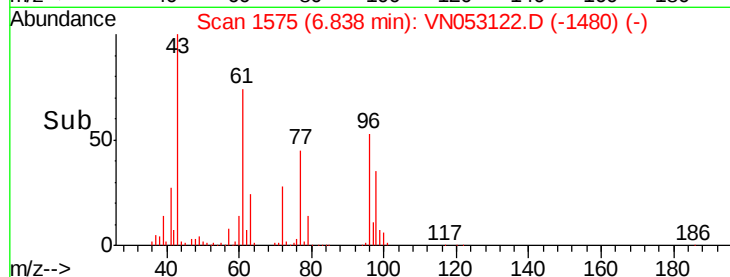
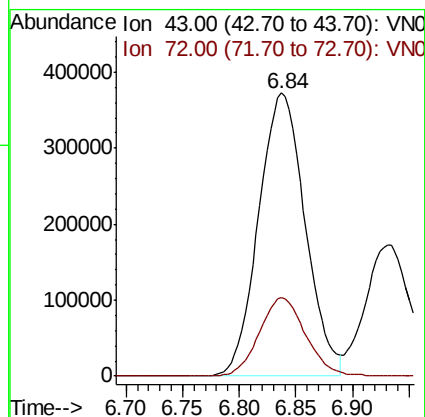
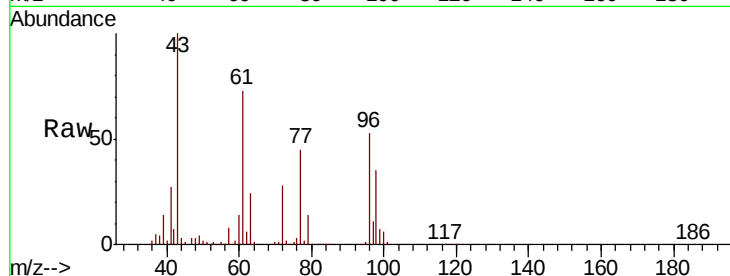
VSTDCCC050EC

Tot Ion: 43 Resp: 1063626

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 39.191 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053122.D

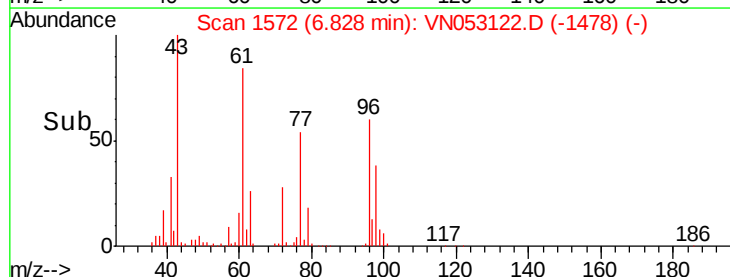
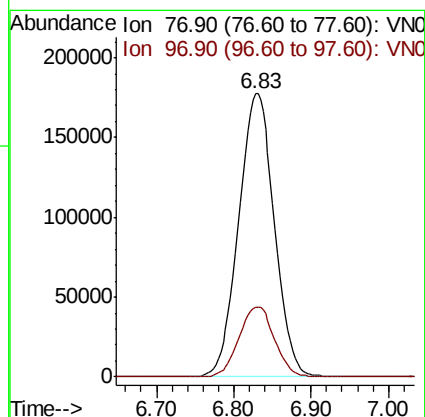
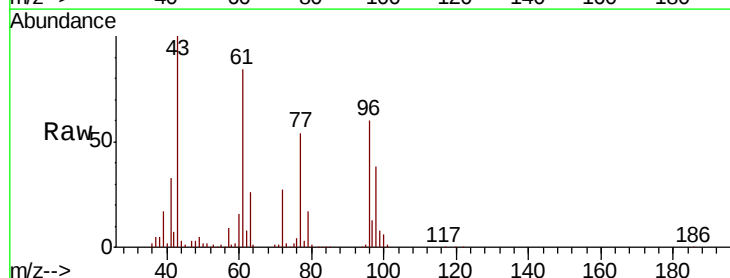
Acq: 22 Dec 2018 00:17

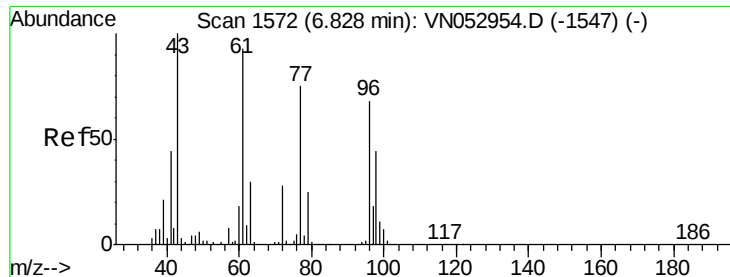
Tgt Ion: 77 Resp: 567973

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 50.731 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

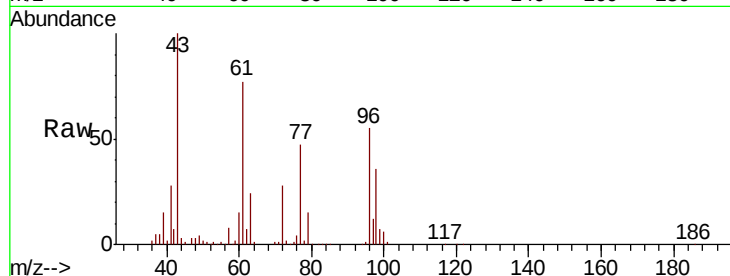
Tot Ion: 96 Resp: 596281

Ion Ratio Lower Upper

96 100

61 138.7 0.0 284.2

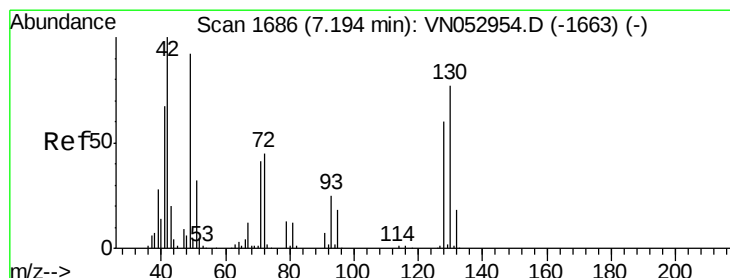
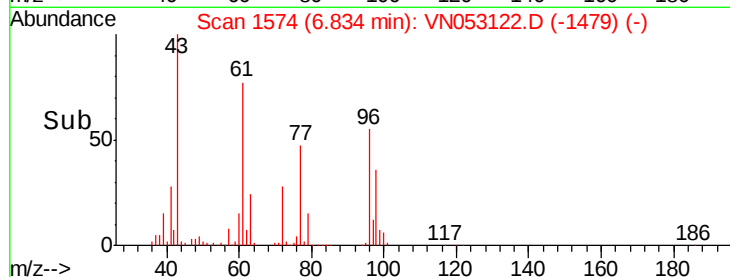
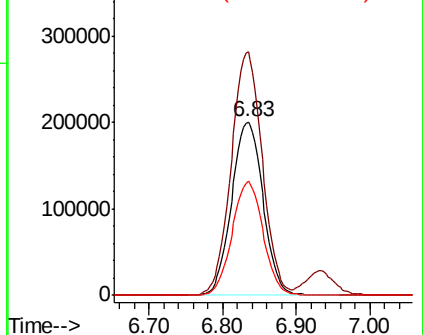
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053122.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053122.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053122.D (-1479) (-)



#28

Bromochloromethane

Concen: 52.755 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

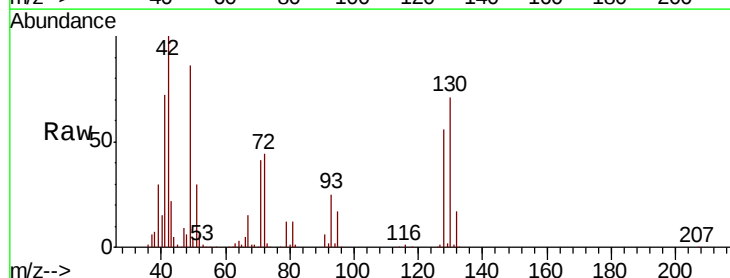
Tgt Ion: 49 Resp: 433993

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

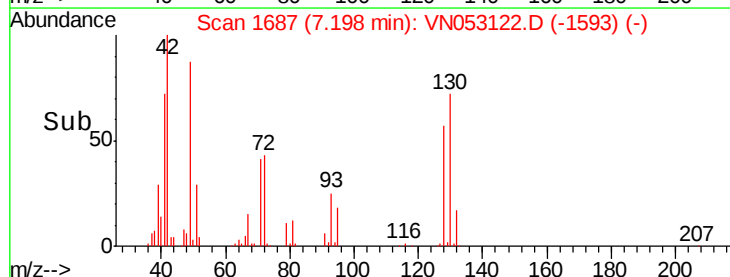
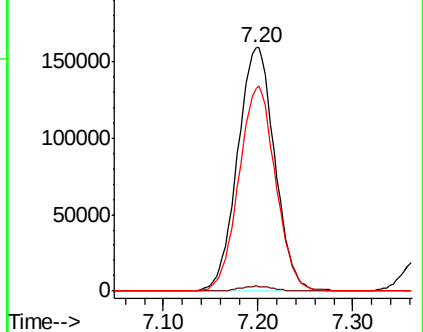
130 83.0 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN053122.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053122.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053122.D (-1593) (-)

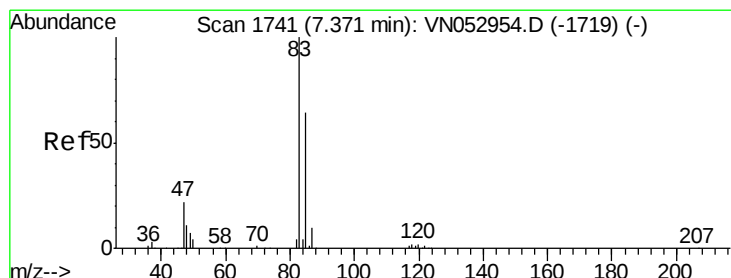
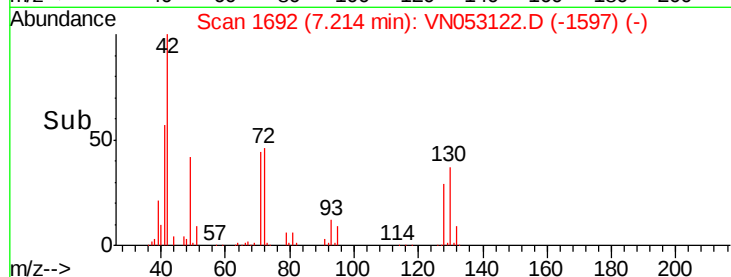
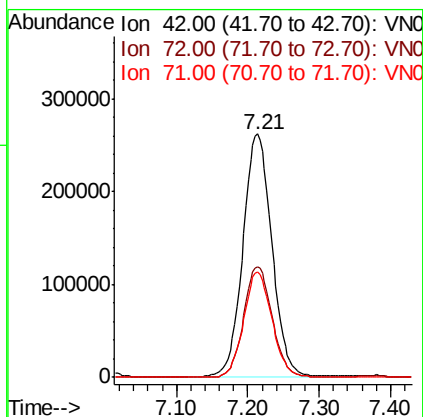
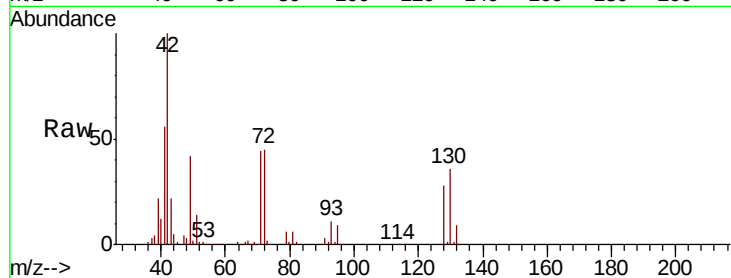




#29
Tetrahydrofuran
Concen: 293.537 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

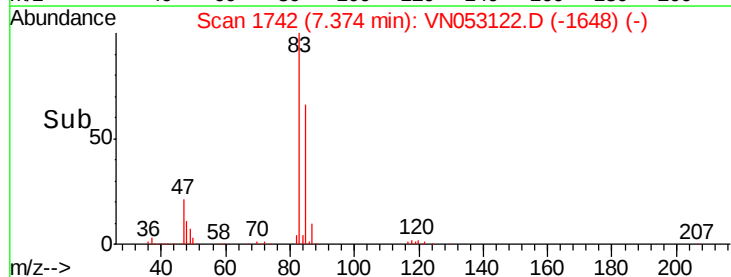
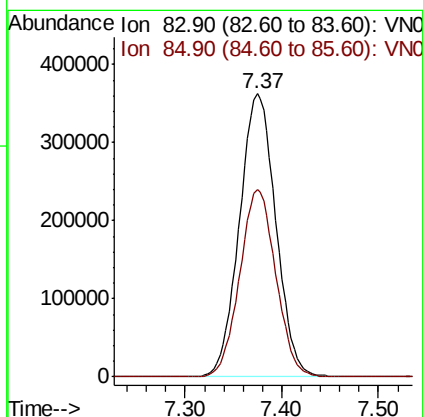
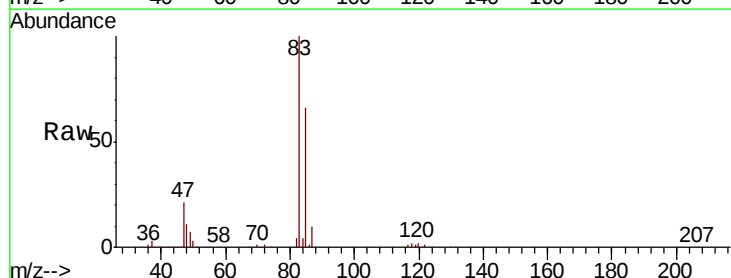
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 742197
Ion Ratio Lower Upper
42 100
72 44.8 34.7 52.1
71 42.4 32.3 48.5



#30
Chloroform
Concen: 50.916 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 83 Resp: 949579
Ion Ratio Lower Upper
83 100
85 66.2 52.1 78.1





#31

Cvclohexane

Concen: 49.200 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

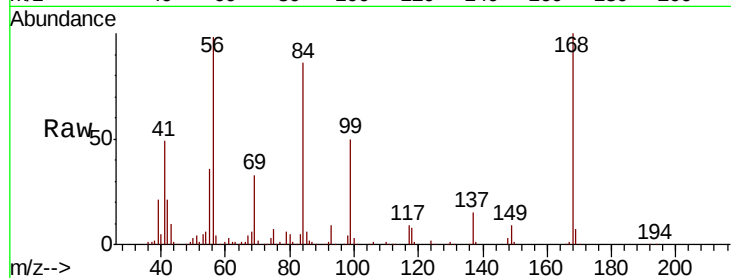
Tot Ion: 56 Resp: 876342

Ion Ratio Lower Upper

56 100

69 33.5 26.6 39.8

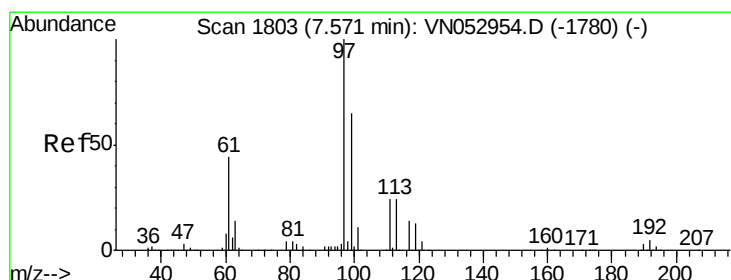
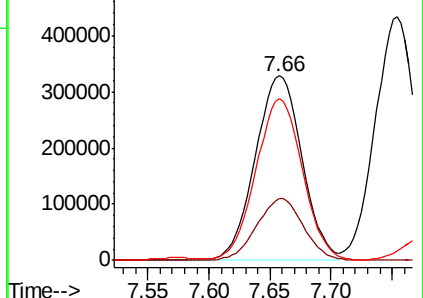
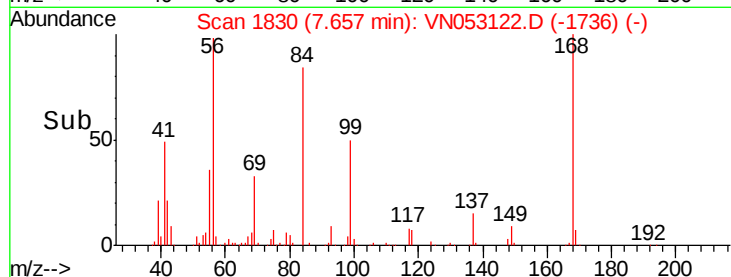
84 86.3 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN053122.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN053122.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053122.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 50.056 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

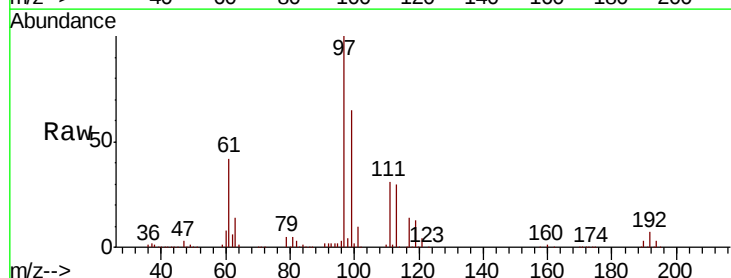
Tgt Ion: 97 Resp: 795254

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

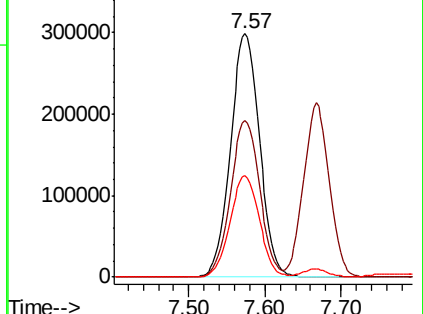
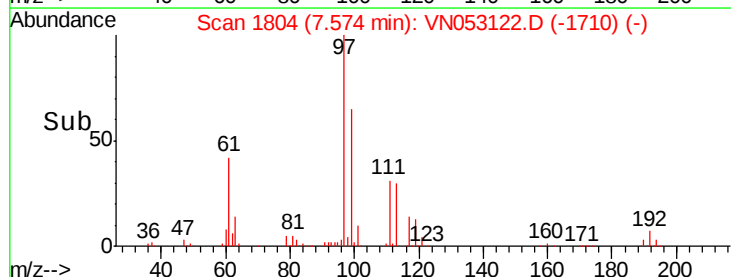
61 42.2 35.0 52.6

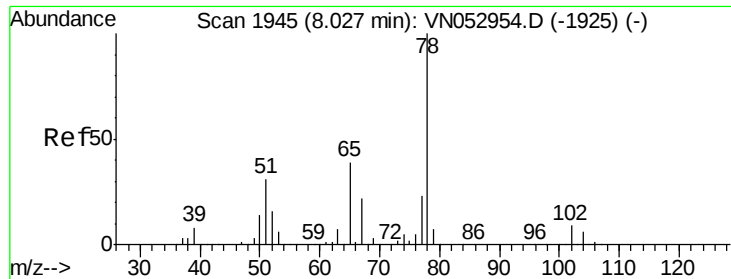


Abundance Ion 96.90 (96.60 to 97.60): VN053122.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053122.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053122.D (-1710) (-)

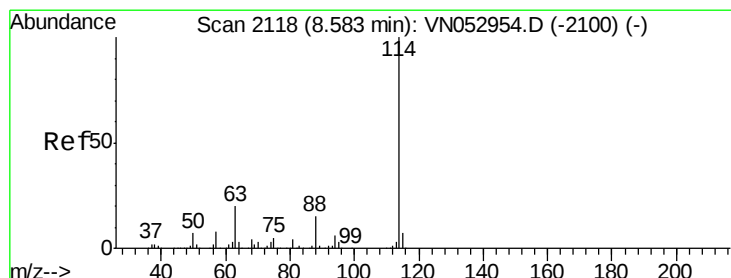
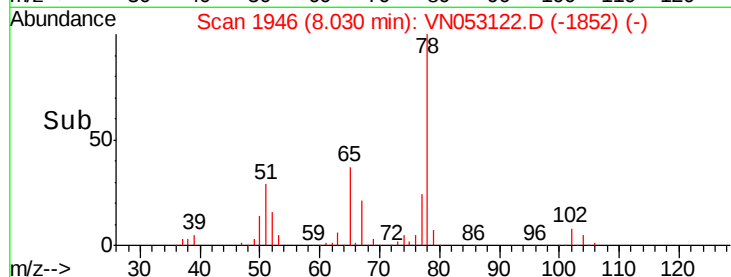
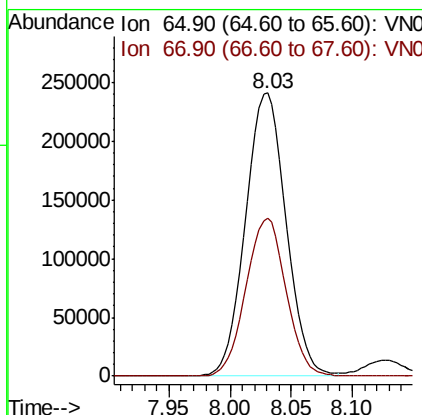
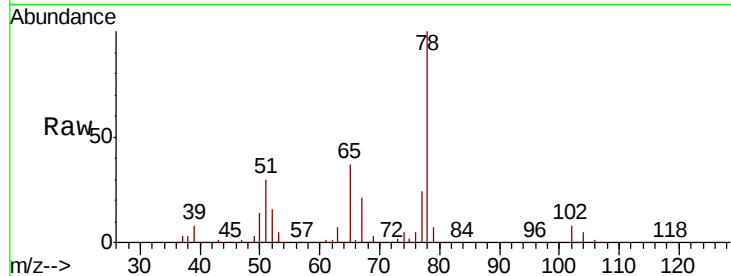




#33
 1,2-Dichloroethane-d4
 Concen: 50.056 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

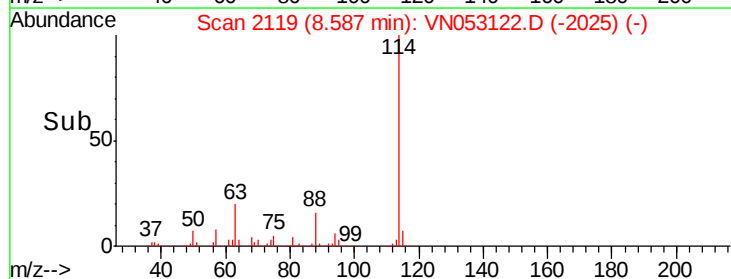
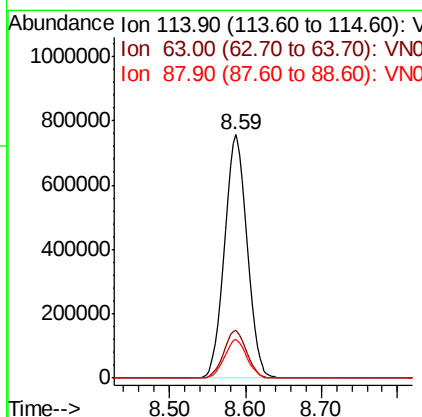
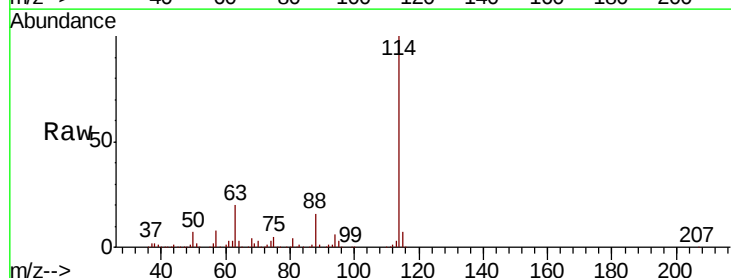
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

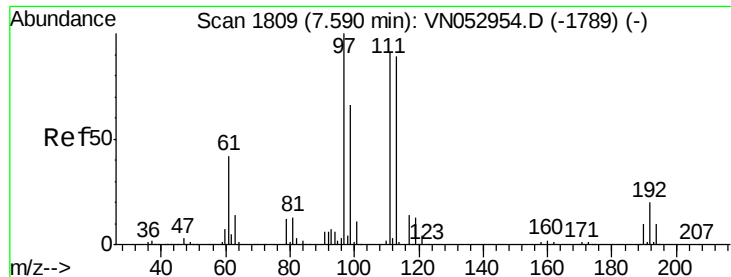
Tot Ion: 65 Resp: 554347
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 114 Resp: 1569885
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.8 0.0 31.0

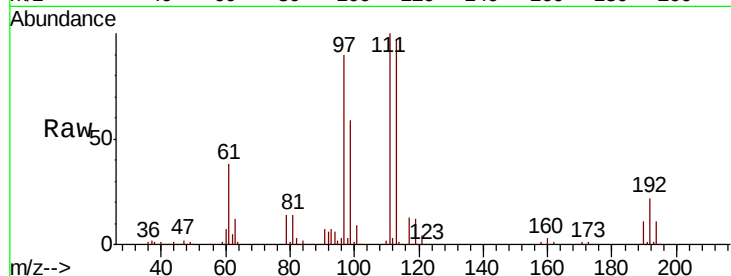




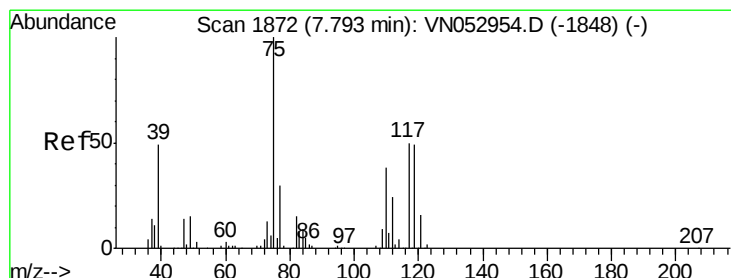
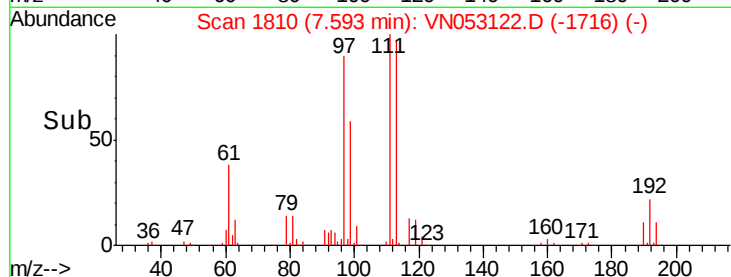
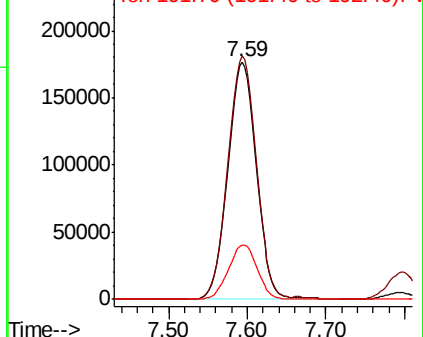
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 445183
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 23.1 17.5 26.3

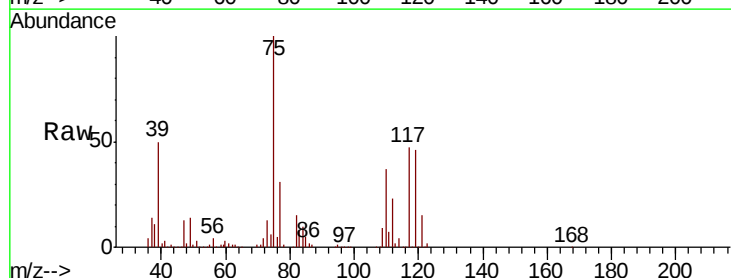


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

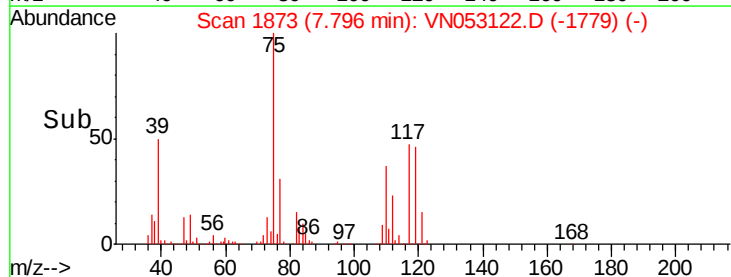
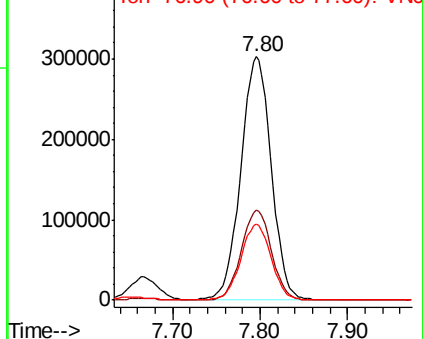


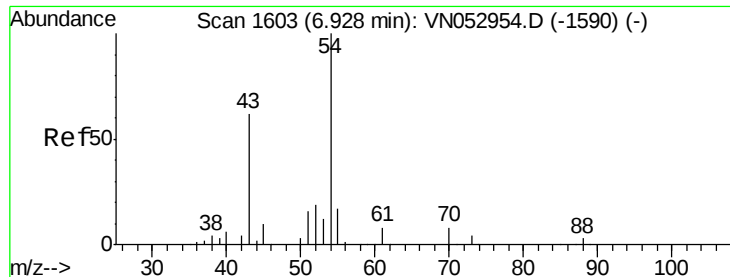
#36
1,1-Dichloropropene
Concen: 48.248 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 75 Resp: 727005
Ion Ratio Lower Upper
75 100
110 36.8 18.2 54.6
77 31.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

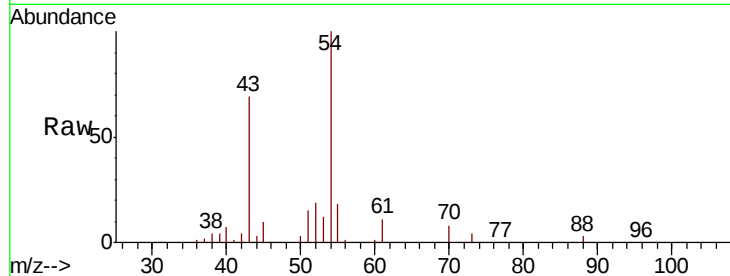




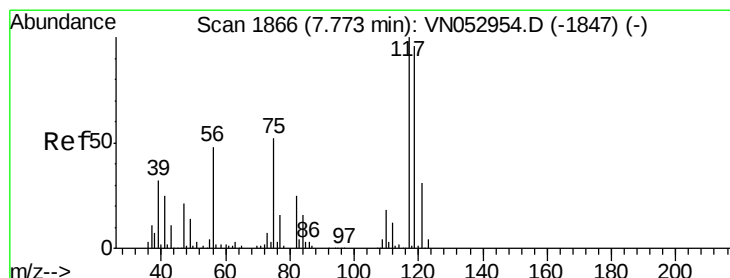
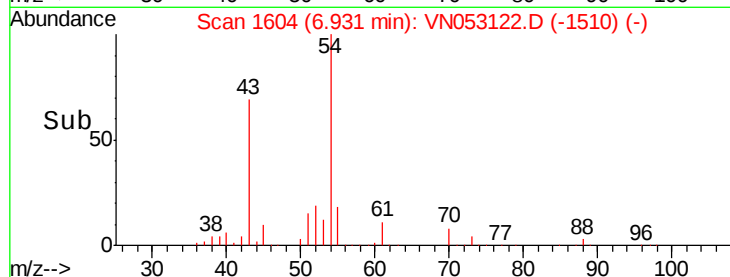
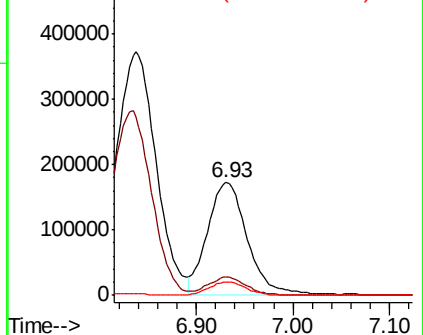
#37
Ethyl Acetate
Concen: 57.991 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 487808
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 11.4 8.4 12.6

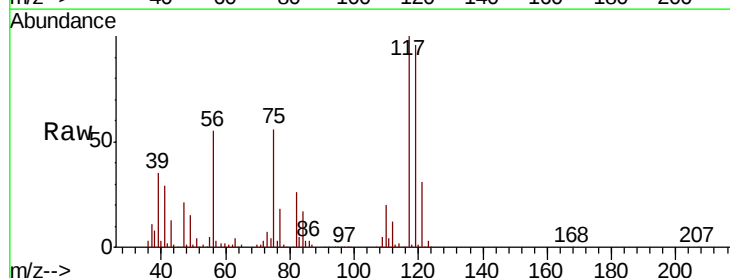


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

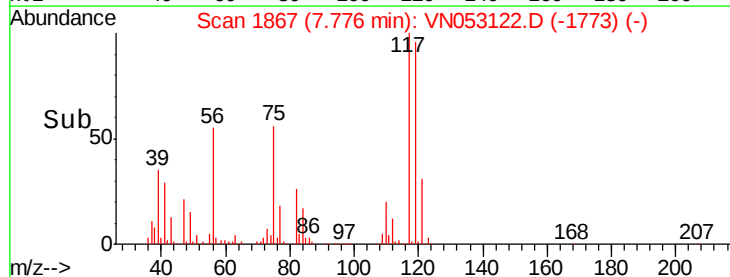
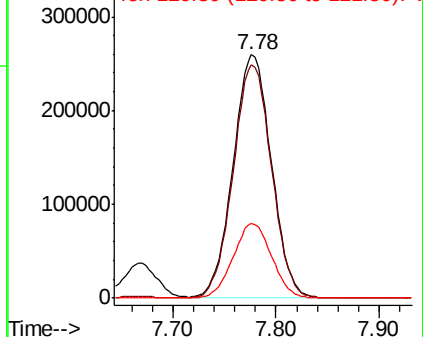


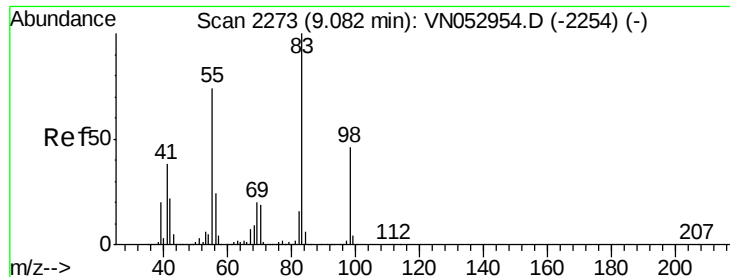
#38
Carbon Tetrachloride
Concen: 48.382 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 117 Resp: 668219
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
121 30.8 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

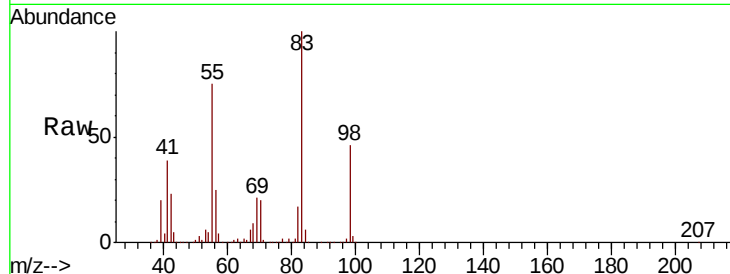




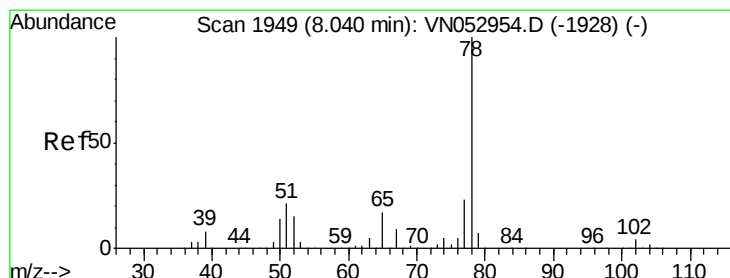
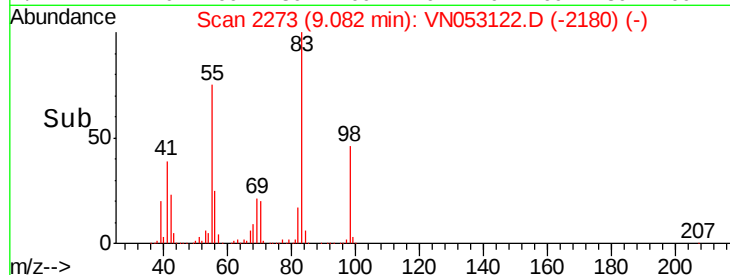
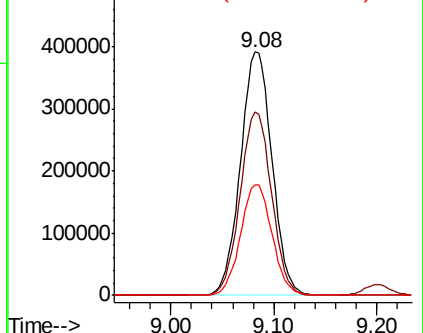
#39
Methvlcvclohexane
Concen: 45.575 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 834249
Ion Ratio Lower Upper
83 100
55 75.3 61.3 91.9
98 45.6 37.0 55.4

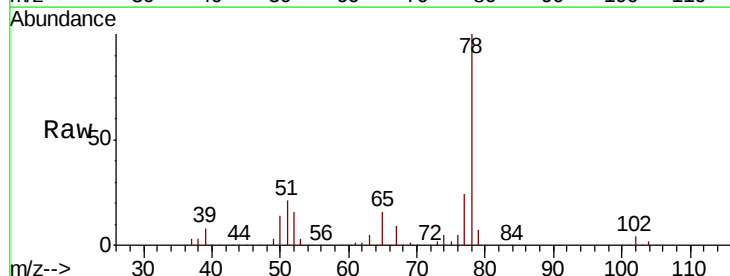


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

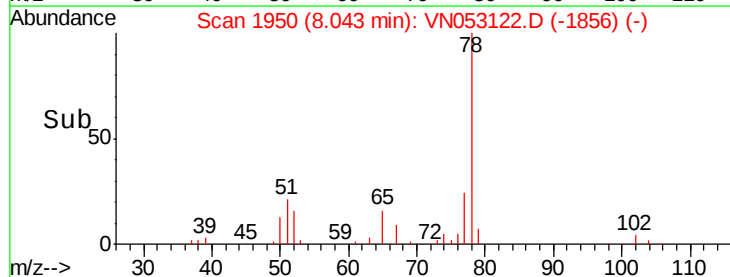
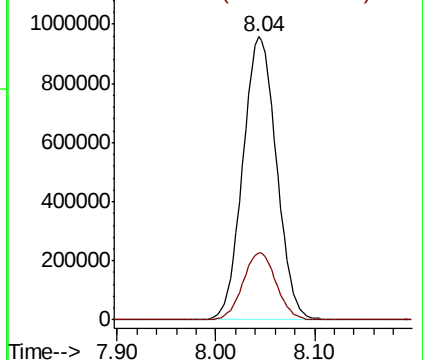


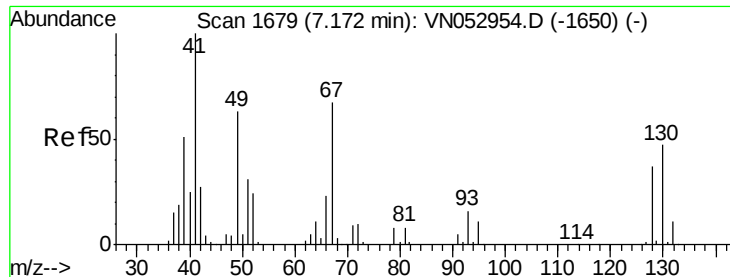
#40
Benzene
Concen: 50.319 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 78 Resp: 2255299
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7



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

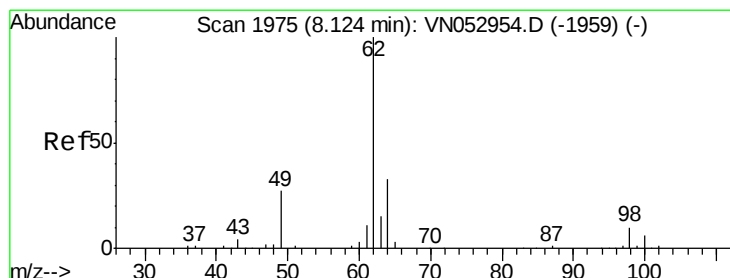
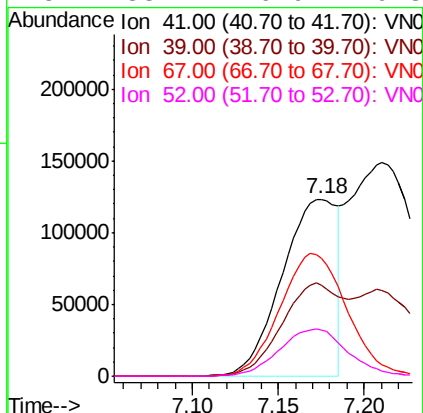
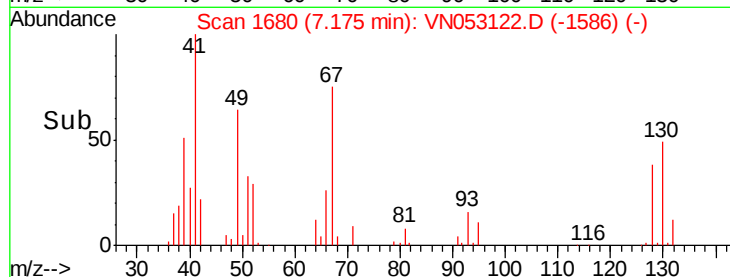
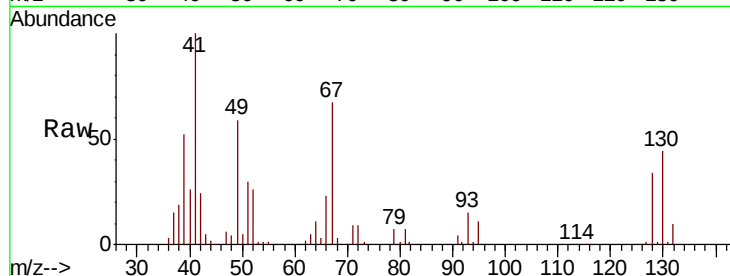




#41
Methacrylonitrile
Concen: 56.293 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

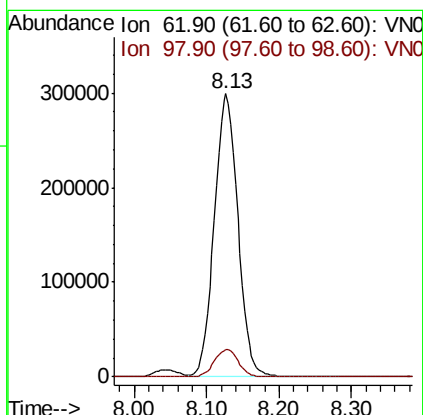
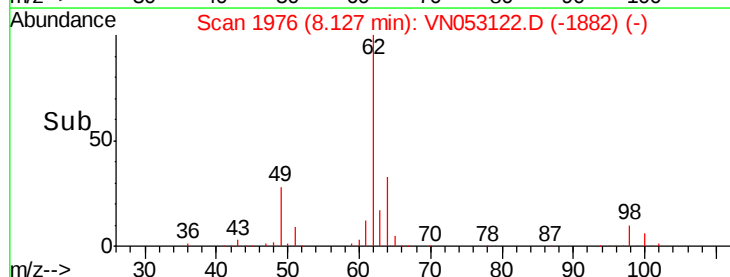
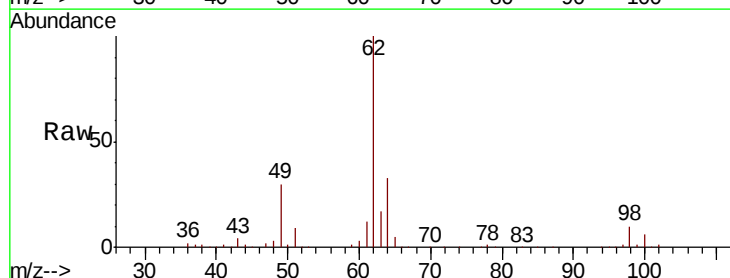
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

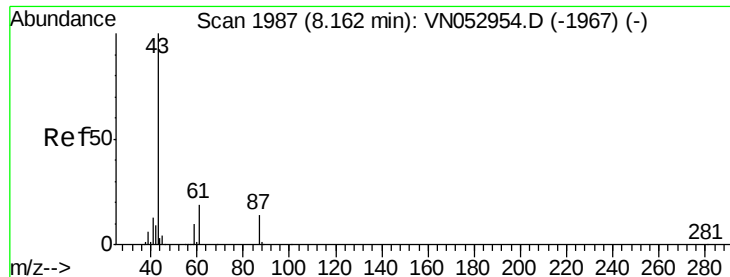
Tot Ion: 41 Resp: 273601
Ion Ratio Lower Upper
41 100
39 59.2 48.0 72.0
67 85.5 70.3 105.5
52 33.1 26.9 40.3



#42
1,2-Dichloroethane
Concen: 50.917 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 62 Resp: 674173
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.0





#43

Isopropyl Acetate

Concen: 55.369 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

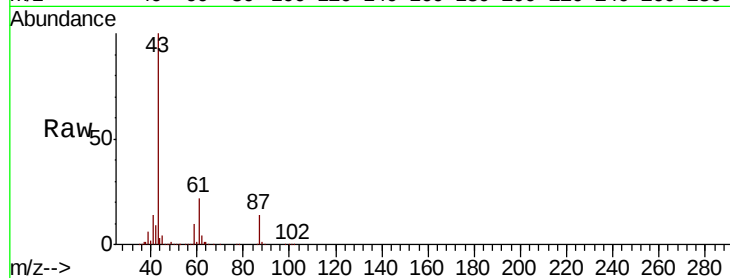
Tot Ion: 43 Resp: 899497

Ion Ratio Lower Upper

43 100

61 29.6 22.9 34.3

87 13.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)

8.17

400000

300000

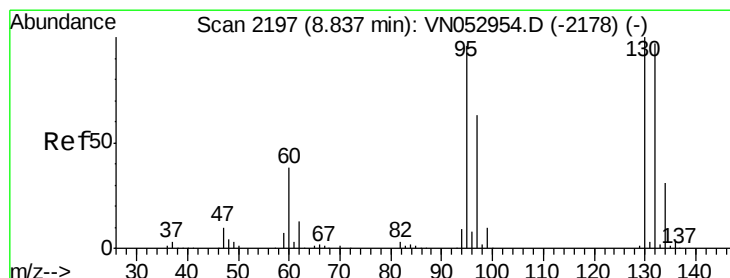
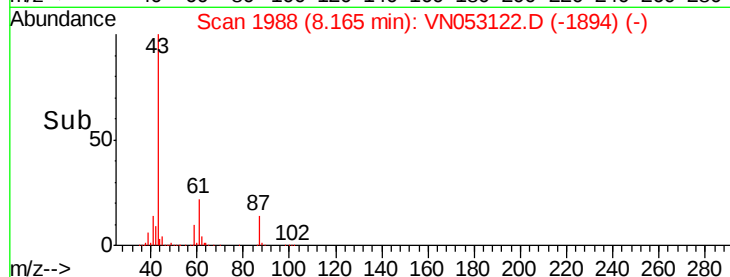
200000

100000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 47.656 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN053122.D

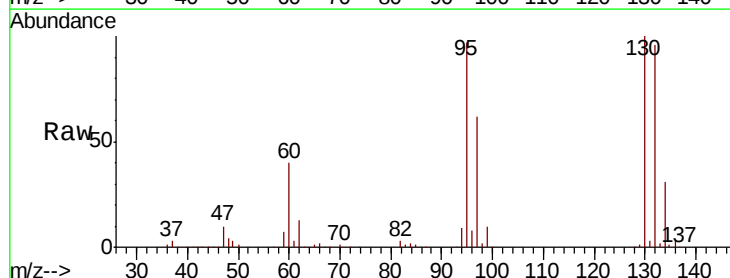
Acq: 22 Dec 2018 00:17

Tgt Ion:130 Resp: 617798

Ion Ratio Lower Upper

130 100

95 96.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

8.84

300000

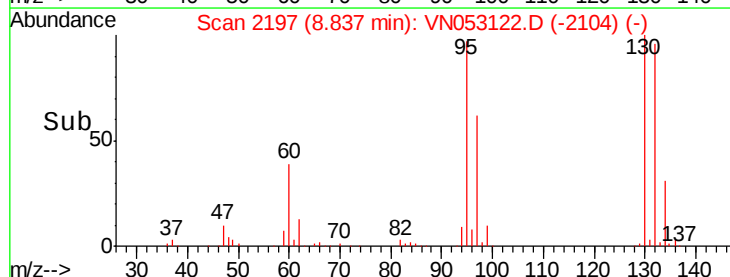
200000

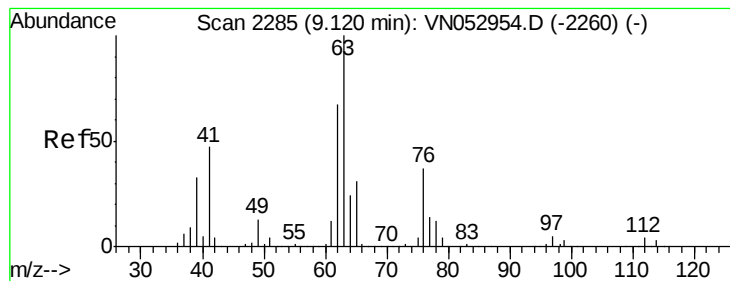
100000

0

8.70 8.80 8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 51.358 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

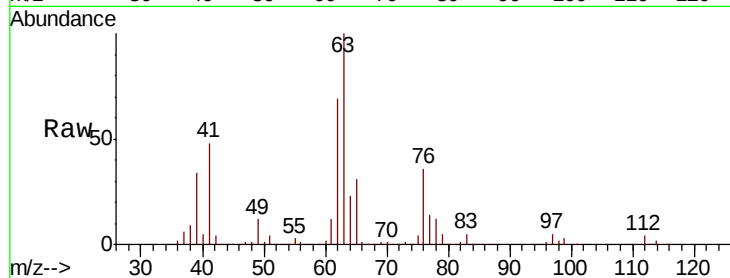
VSTDCCC050EC

Tot Ion: 63 Resp: 599575

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN053122.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN053122.D (-2192) (-)

9.12

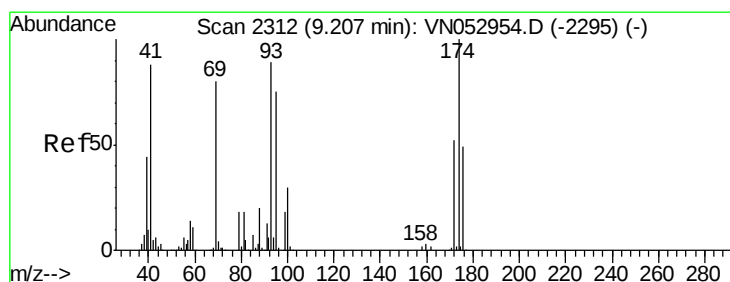
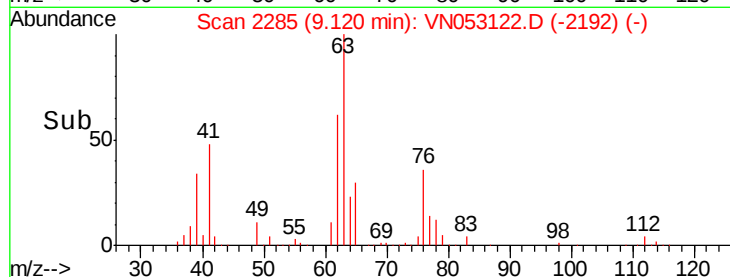
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 51.165 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

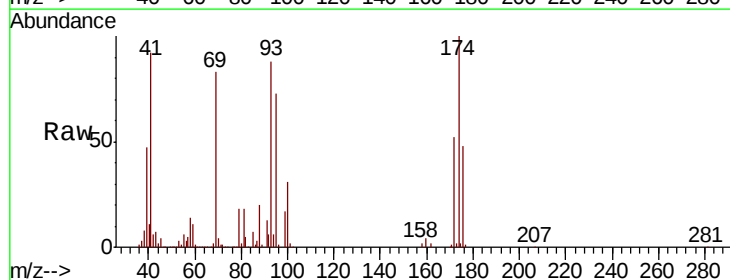
Tgt Ion: 93 Resp: 347961

Ion Ratio Lower Upper

93 100

95 83.4 67.8 101.6

174 114.6 89.0 133.4



Abundance Ion 92.80 (92.50 to 93.50): VN053122.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN053122.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN053122.D (-2219) (-)

9.21

250000

200000

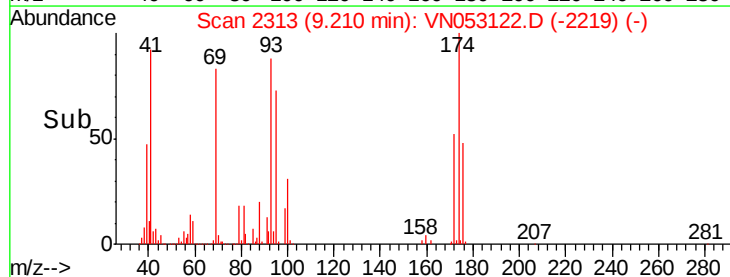
150000

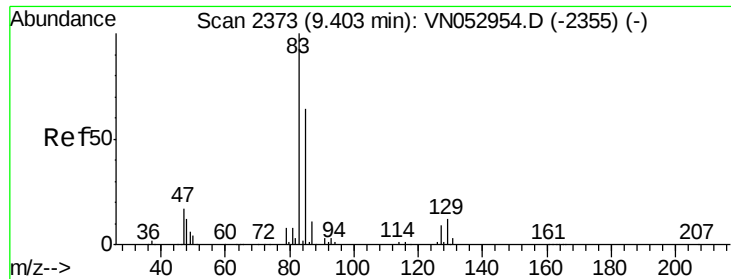
100000

50000

0

Time-->

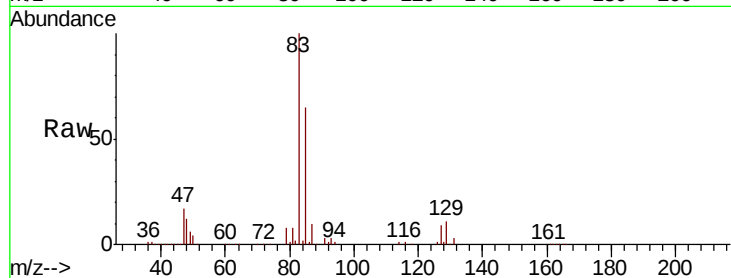




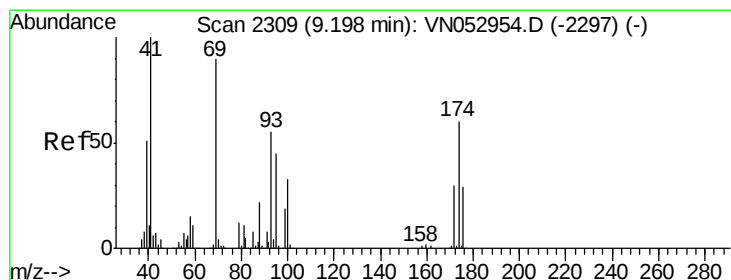
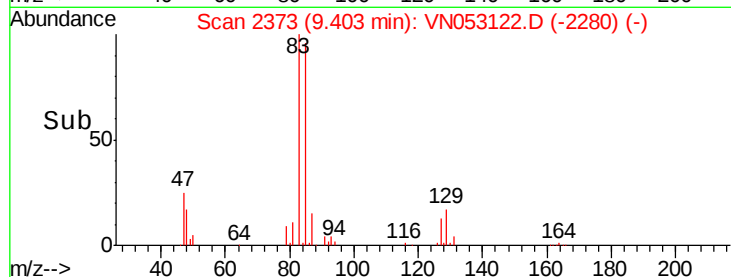
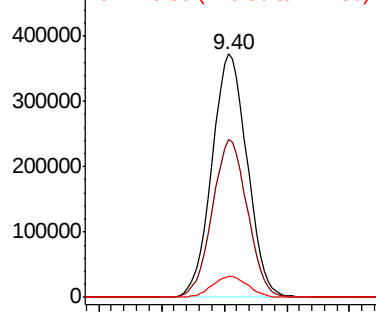
#47
Bromodichloromethane
Concen: 50.442 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 729199
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4
127 8.7 7.1 10.7

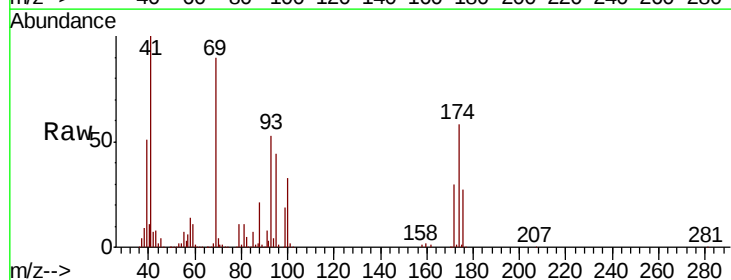


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

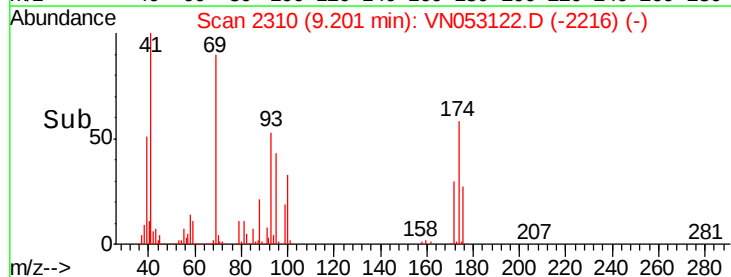
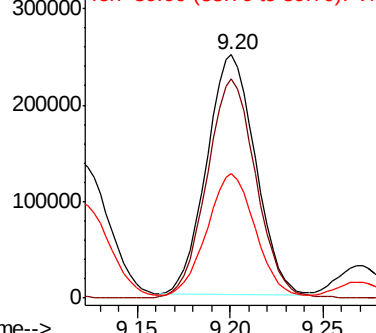


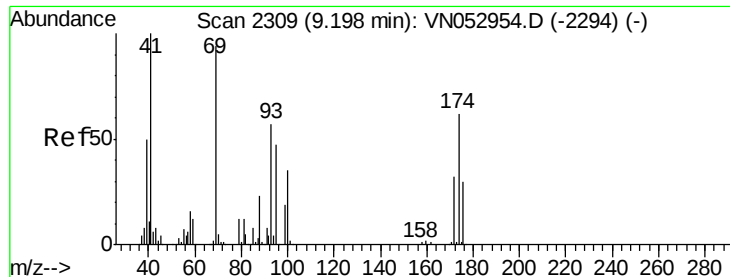
#48
Methyl methacrylate
Concen: 55.679 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 41 Resp: 454485
Ion Ratio Lower Upper
41 100
69 92.3 72.2 108.2
39 52.1 41.9 62.9



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

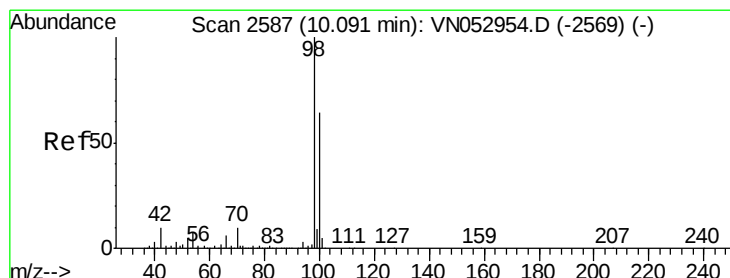
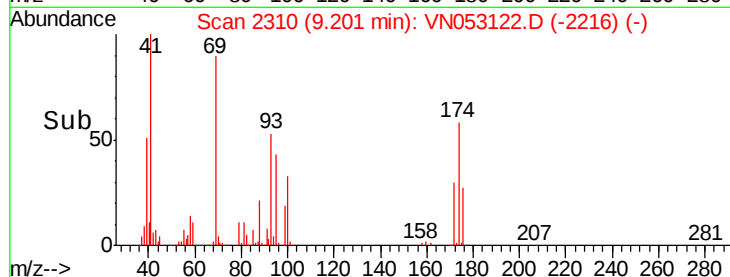
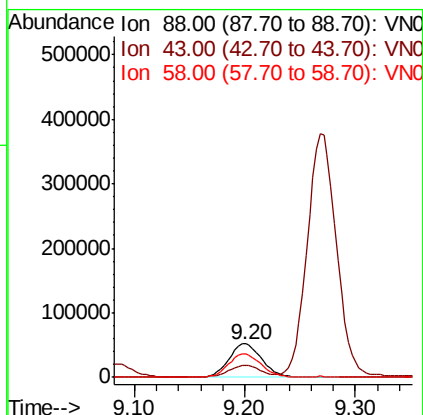
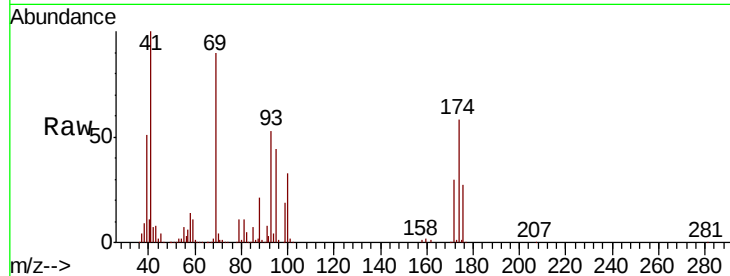




#49
1,4-Dioxane
Concen: 1047.788 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

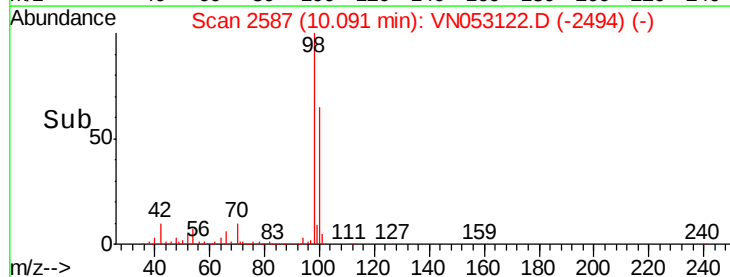
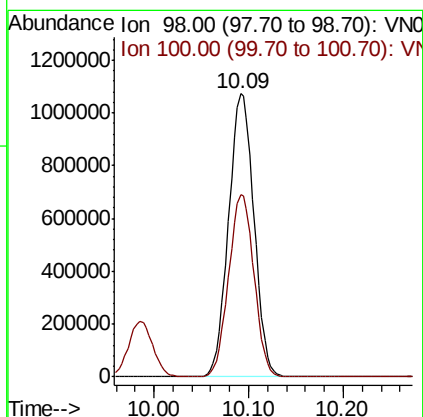
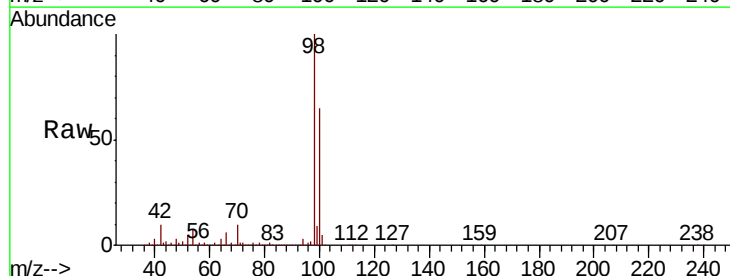
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

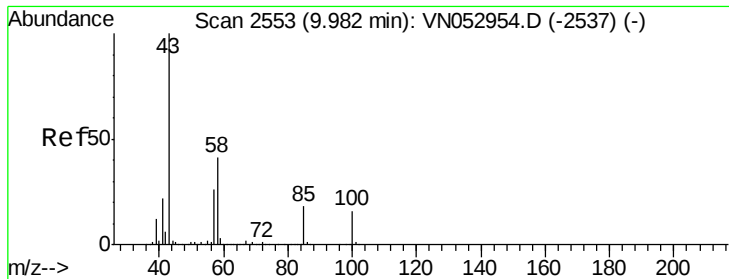
Tot Ion: 88 Resp: 108187
Ion Ratio Lower Upper
88 100
43 32.0 26.6 40.0
58 69.1 58.4 87.6



#50
Toluene-d8
Concen: 1047.788 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 98 Resp: 2000463
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 301.818 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

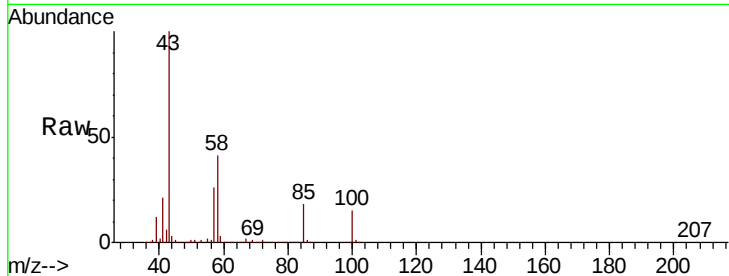
VSTDCCC050EC

Tot Ion: 43 Resp: 2458662

Ion Ratio Lower Upper

43 100

58 40.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2537) (-)

9.99

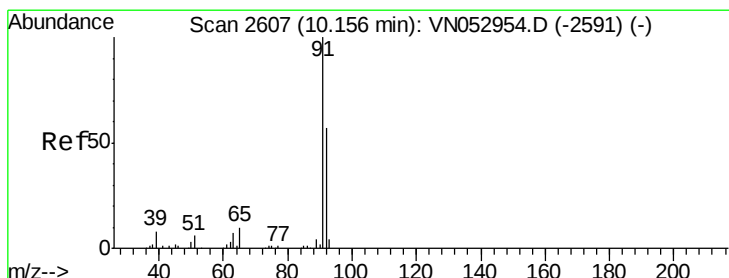
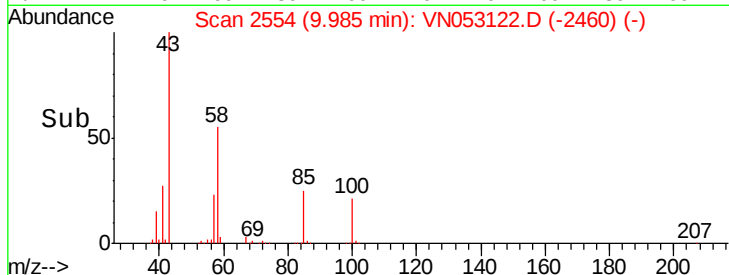
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 50.787 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053122.D

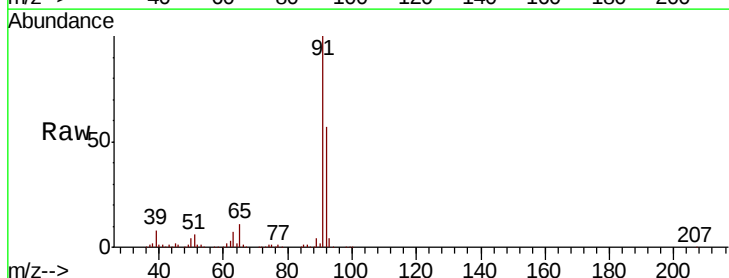
Acq: 22 Dec 2018 00:17

Tgt Ion: 92 Resp: 1410897

Ion Ratio Lower Upper

92 100

91 174.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN052954.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-2591) (-)

10.16

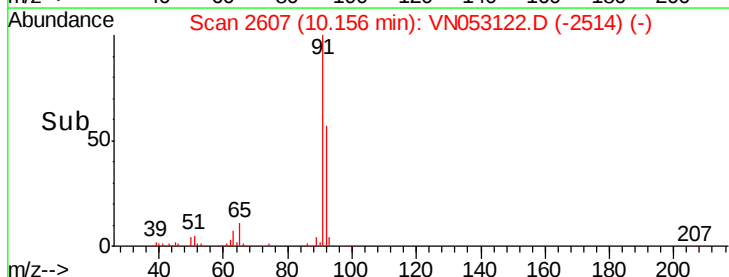
1500000

1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.526 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

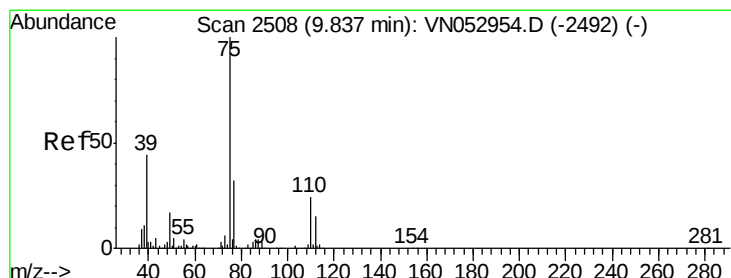
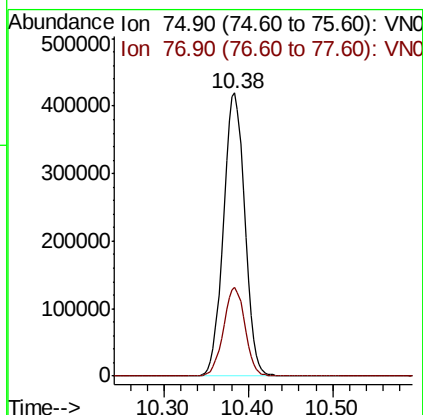
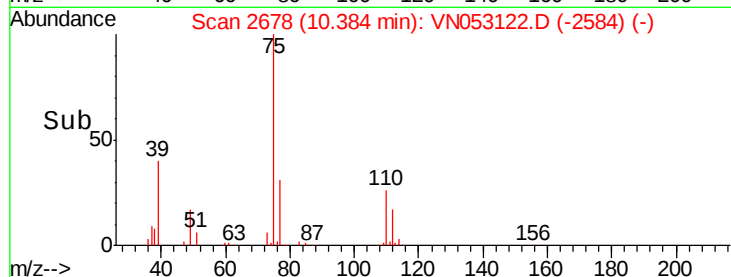
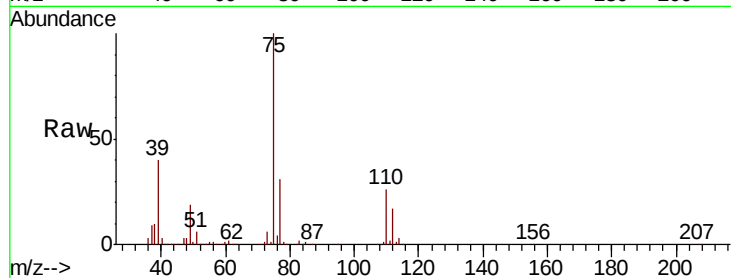
VSTDCCC050EC

Tot Ion: 75 Resp: 737662

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 48.484 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

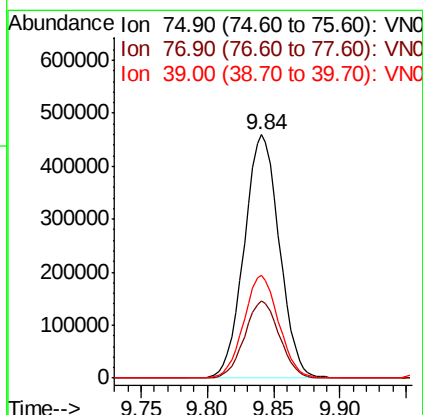
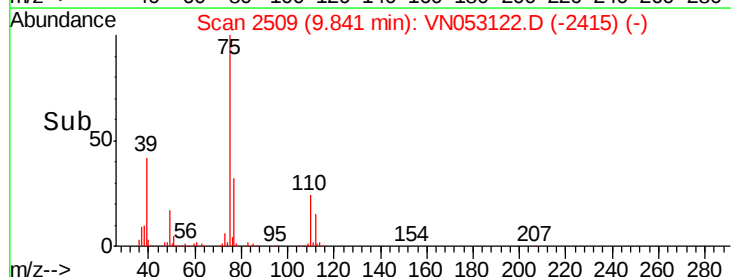
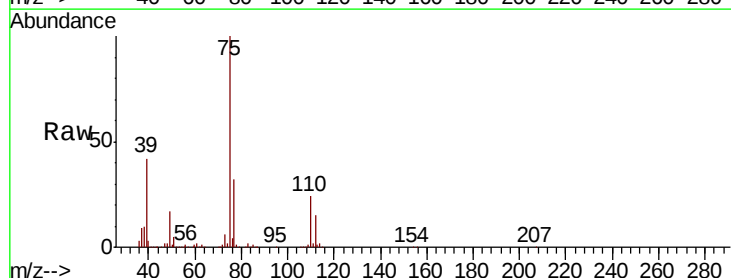
Tgt Ion: 75 Resp: 845972

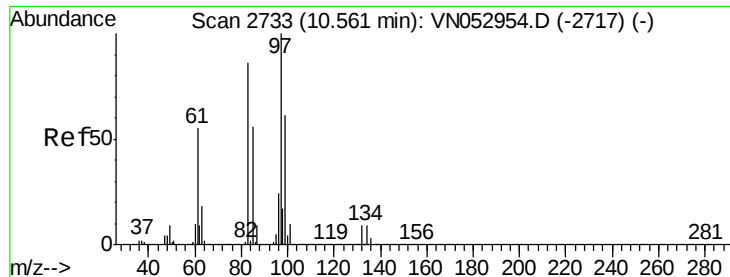
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 42.0 34.8 52.2

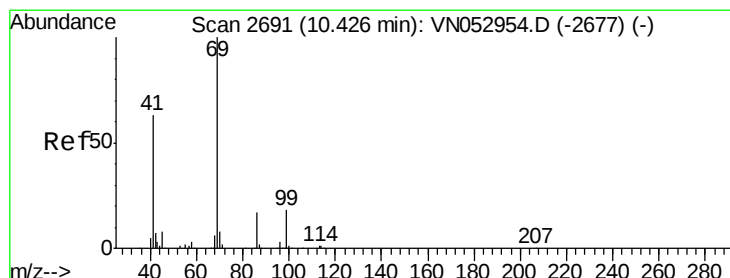
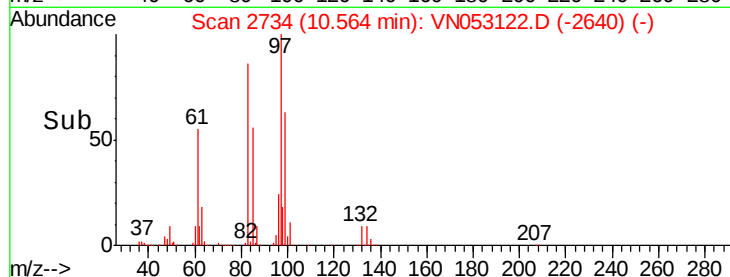
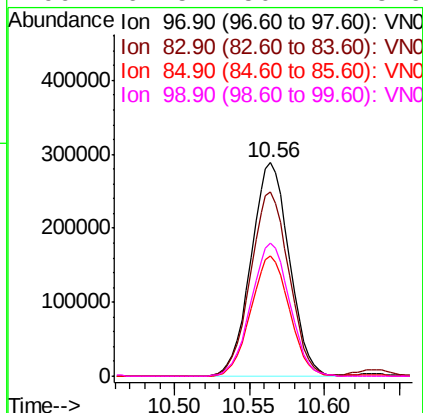
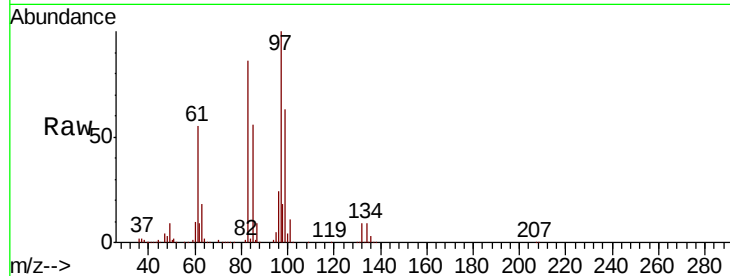




#55
 1,1,2-Trichloroethane
 Concen: 53.176 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

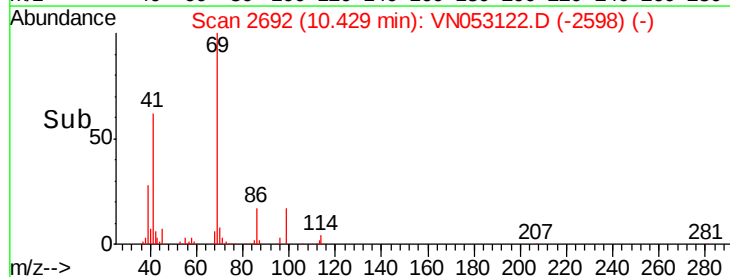
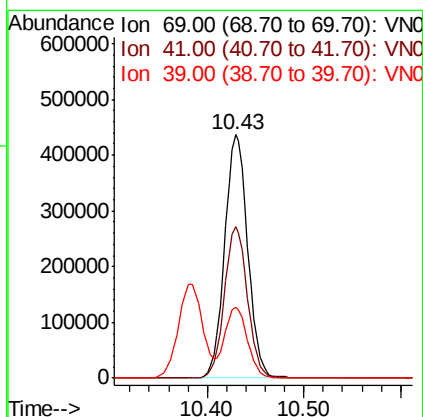
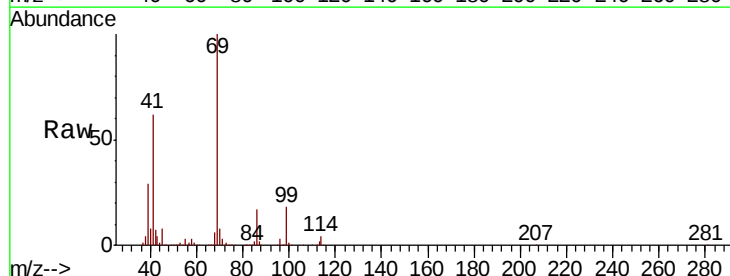
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	515376
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.9	106.3
85	56.1	45.4	68.2
99	62.5	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 56.225 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion:	69	Resp:	721253
Ion	Ratio	Lower	Upper
69	100		
41	61.7	51.7	77.5
39	29.4	24.6	37.0





#57

1,3-Dichloropropane

Concen: 53.046 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

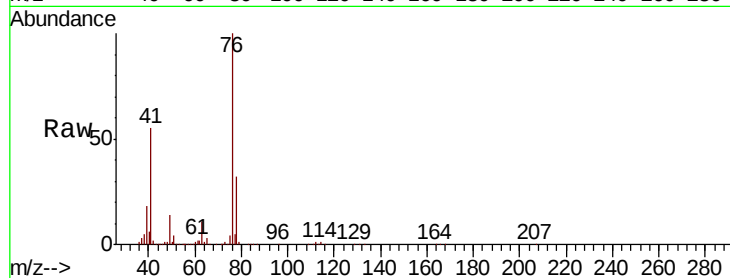
VSTDCCC050EC

Tot Ion: 76 Resp: 881608

Ion Ratio Lower Upper

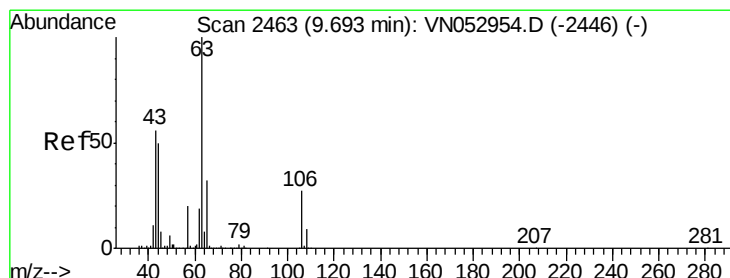
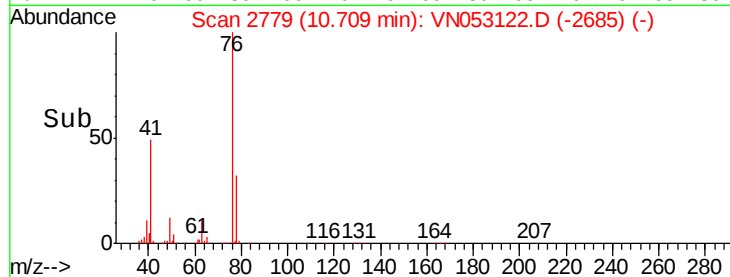
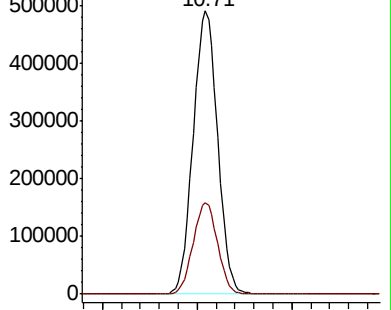
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 277.228 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053122.D

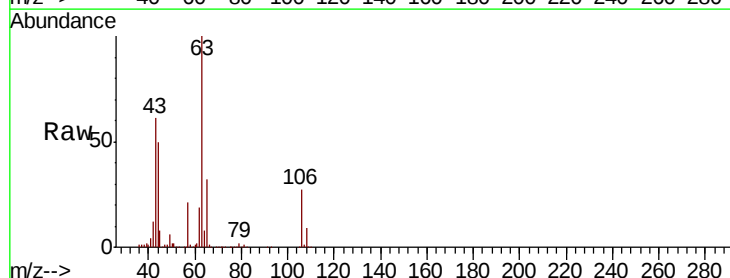
Acq: 22 Dec 2018 00:17

Tgt Ion: 63 Resp: 1952393

Ion Ratio Lower Upper

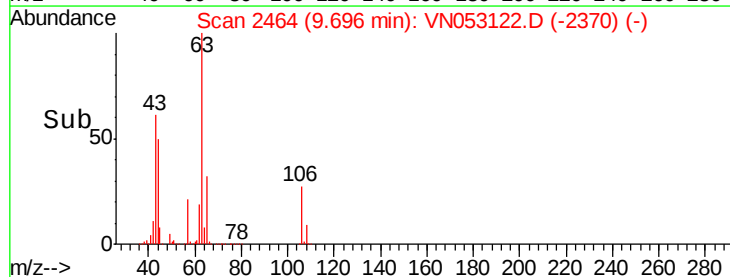
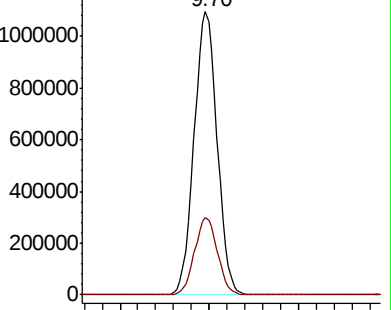
63 100

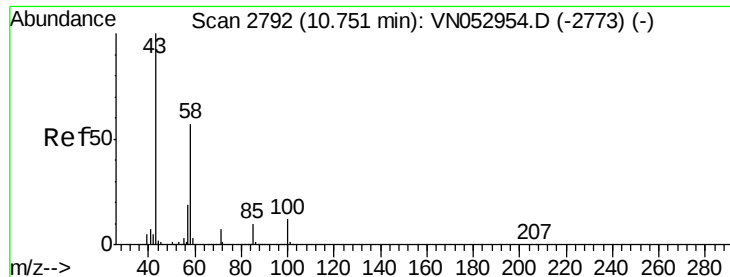
106 27.2 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

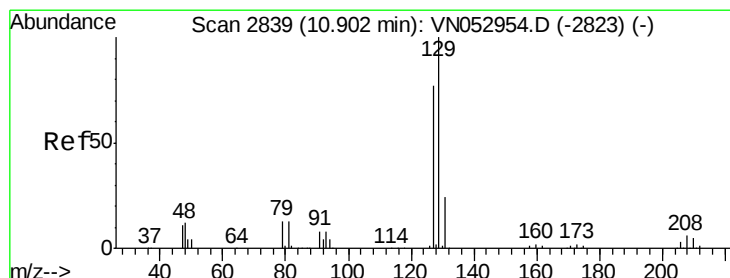
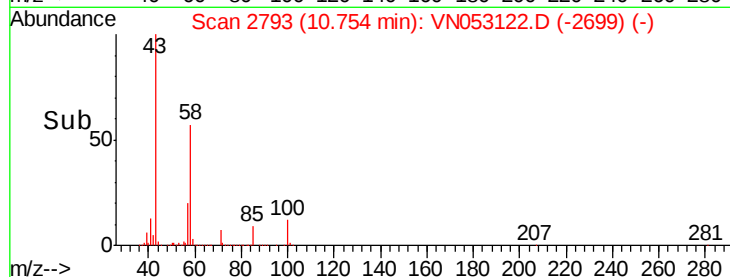
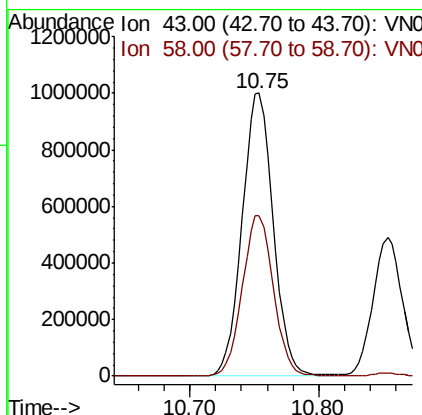
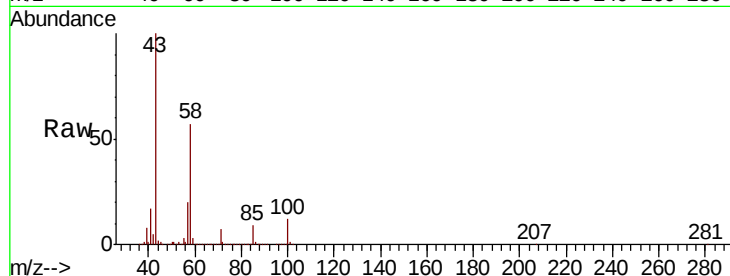




#59
2-Hexanone
Concen: 304.357 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

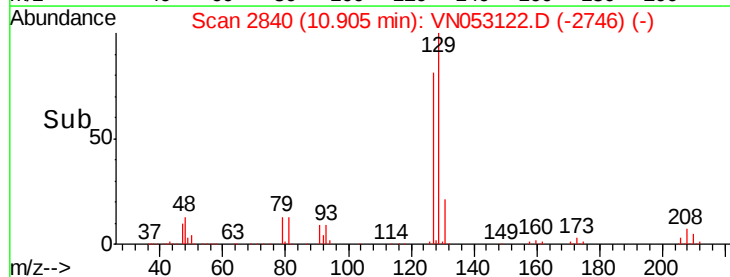
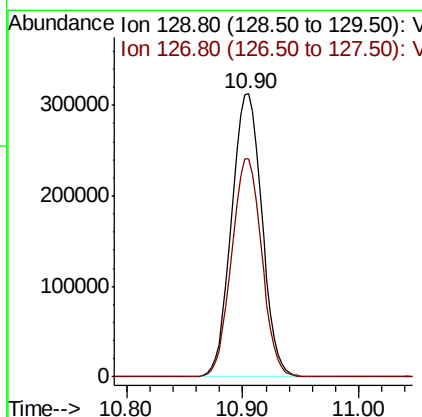
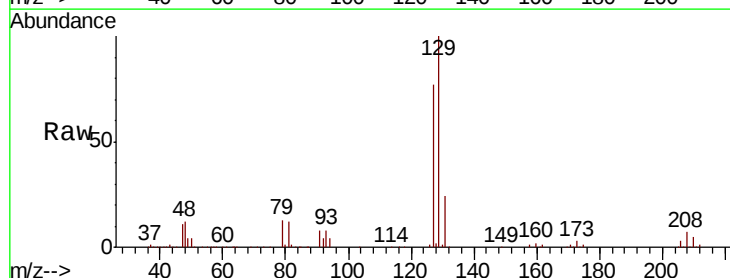
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1677477
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 51.145 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion: 129 Resp: 567395
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

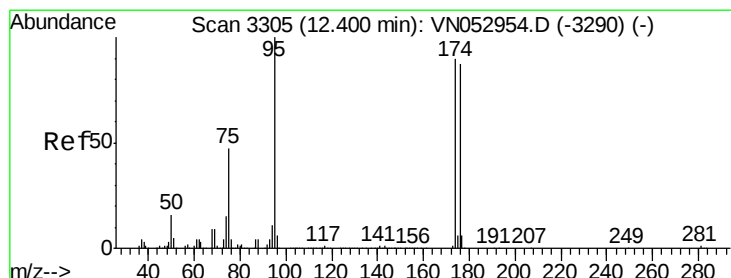
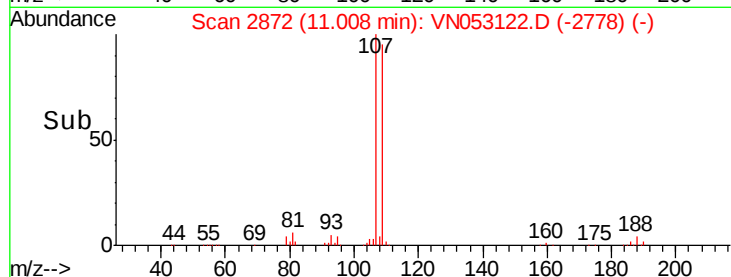
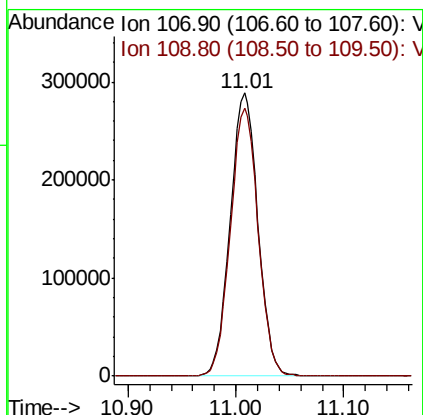
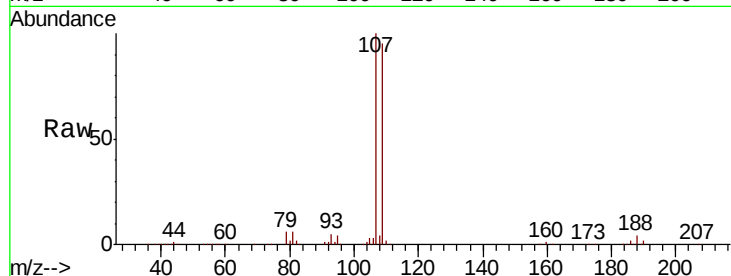




#61
 1,2-Dibromoethane
 Concen: 52.532 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

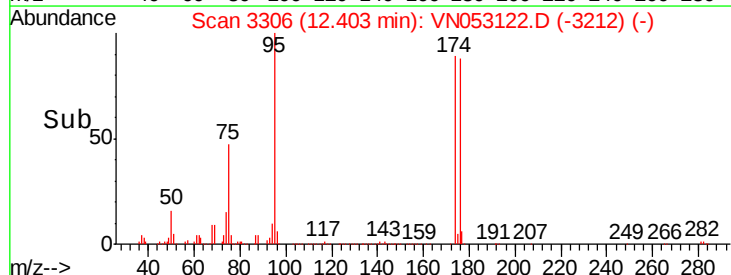
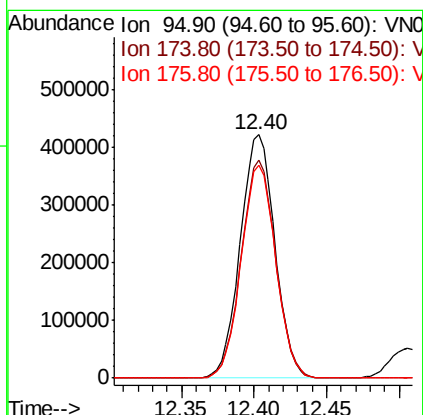
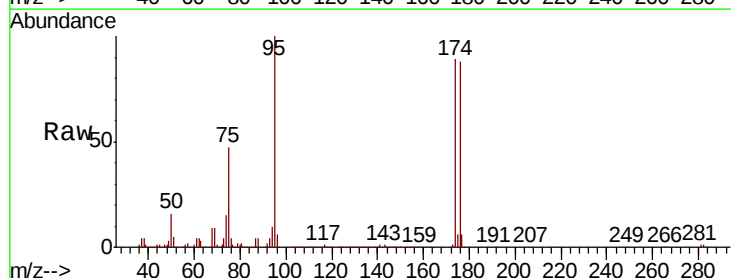
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

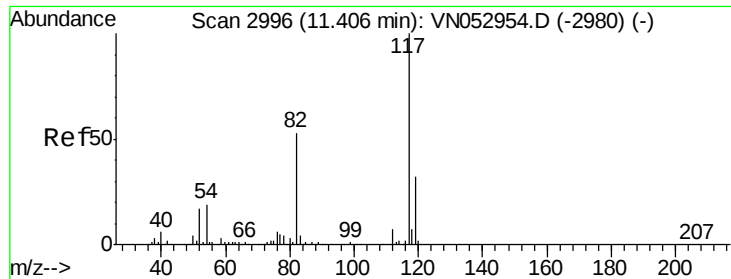
Tot Ion:107 Resp: 517073
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.532 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 95 Resp: 700651
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 178.8
 176 87.3 0.0 173.8

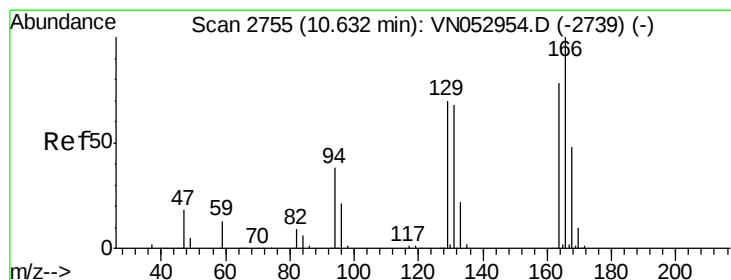
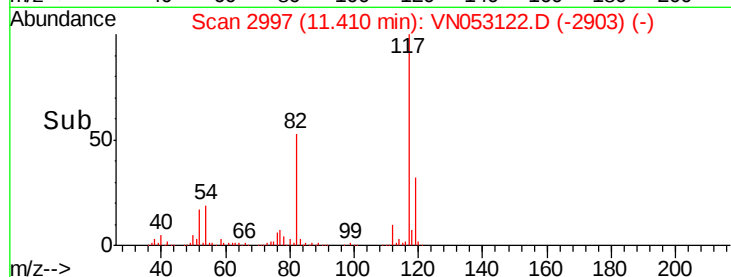
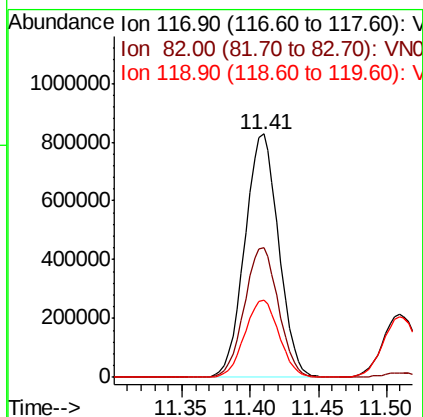
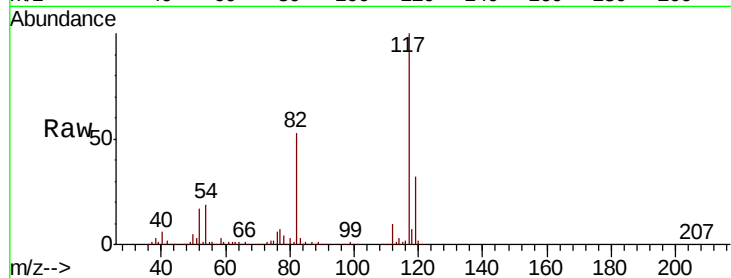




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

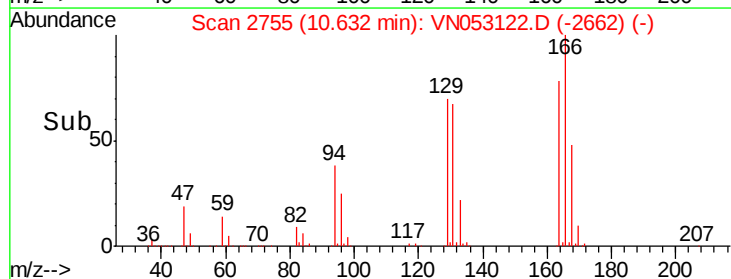
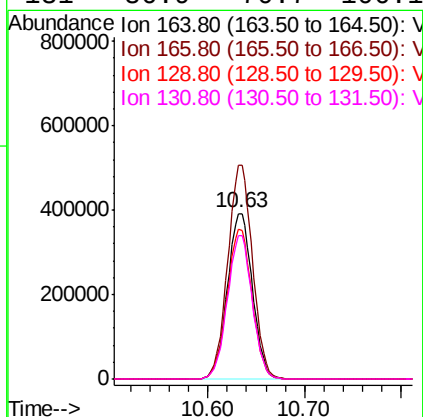
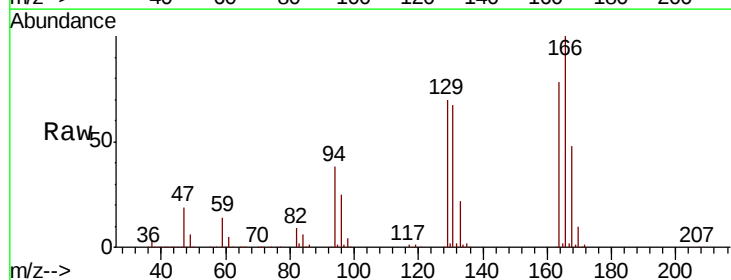
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

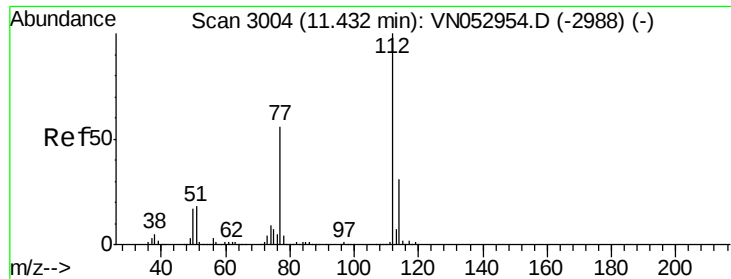
Tot Ion:117 Resp: 1426065
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 45.471 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion:164 Resp: 702415
Ion Ratio Lower Upper
164 100
166 128.9 102.9 154.3
129 90.7 73.7 110.5
131 86.9 70.7 106.1

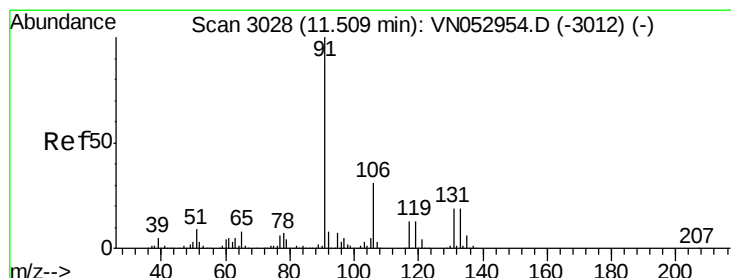
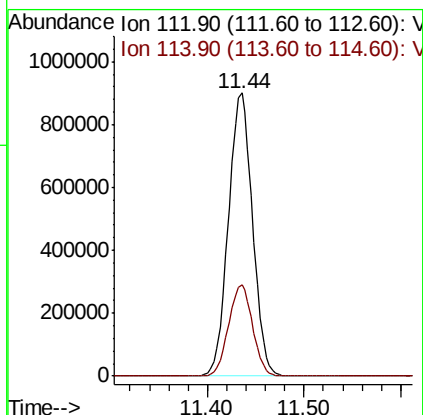
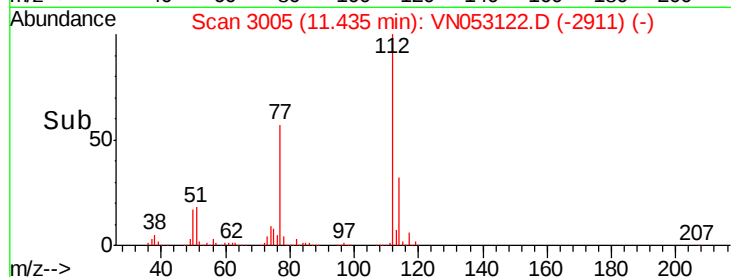
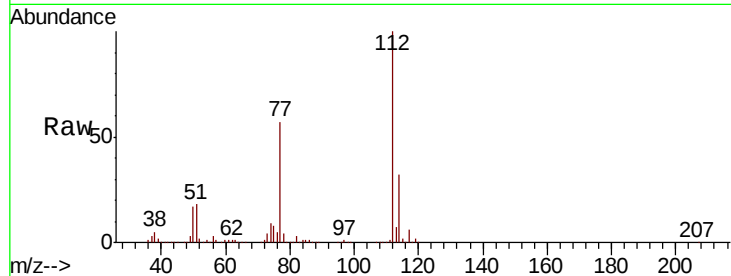




#65
Chlorobenzene
Concen: 49.231 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

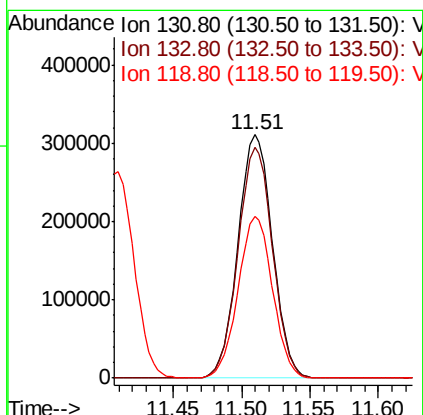
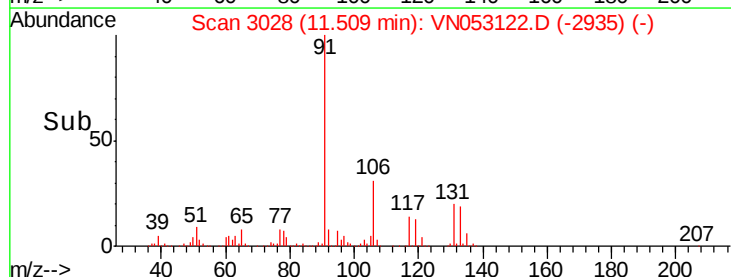
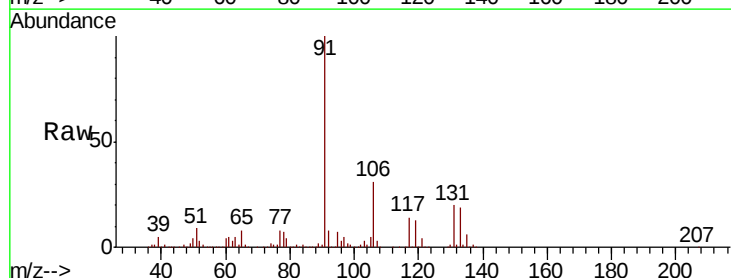
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

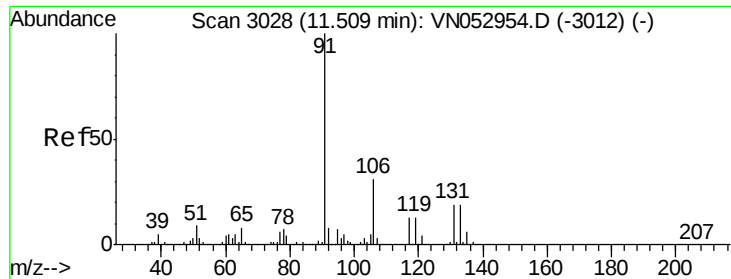
Tot Ion:112 Resp: 1556283
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.656 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion:131 Resp: 545868
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 66.3 33.3 99.8





#67

Ethyl Benzene

Concen: 49.821 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

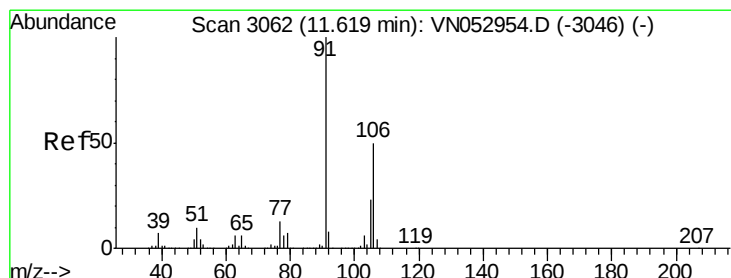
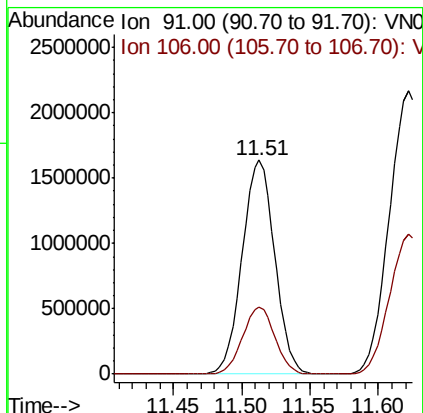
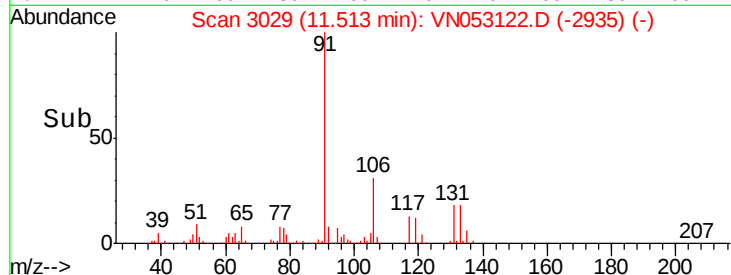
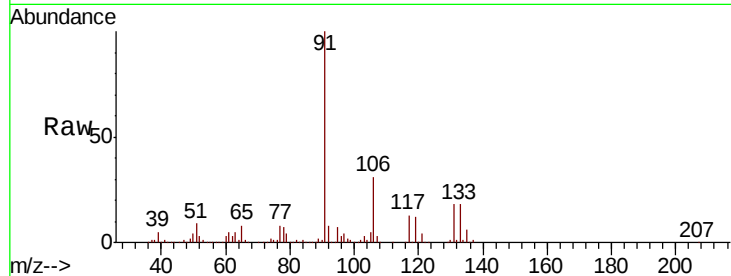
VSTDCCC050EC

Tot Ion: 91 Resp: 2708498

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 97.945 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053122.D

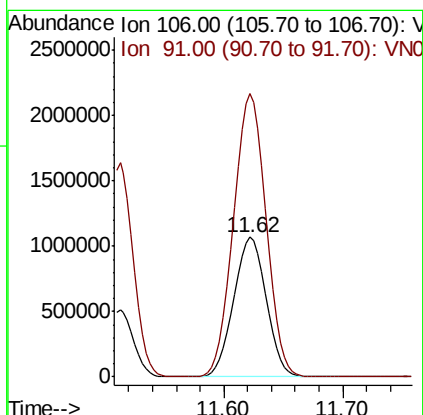
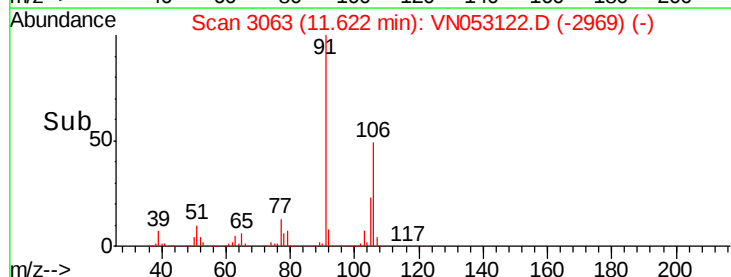
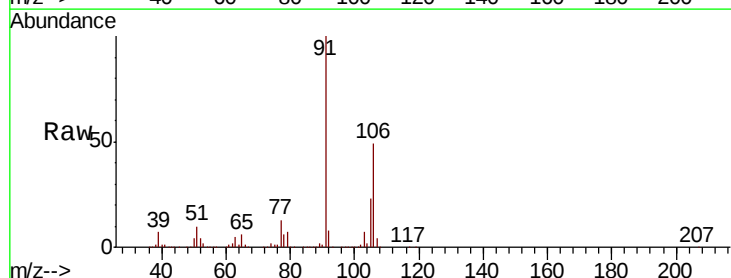
Acq: 22 Dec 2018 00:17

Tgt Ion: 106 Resp: 2024217

Ion Ratio Lower Upper

106 100

91 202.8 162.2 243.4

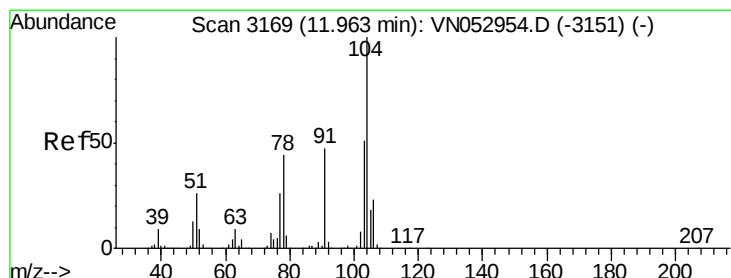
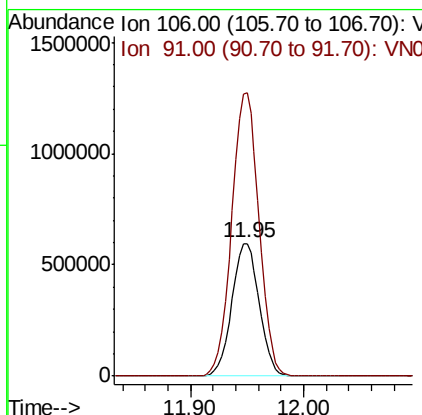
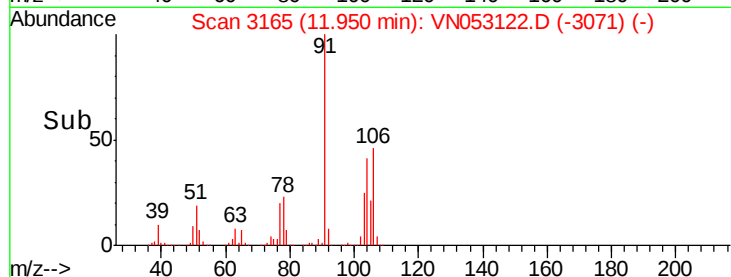
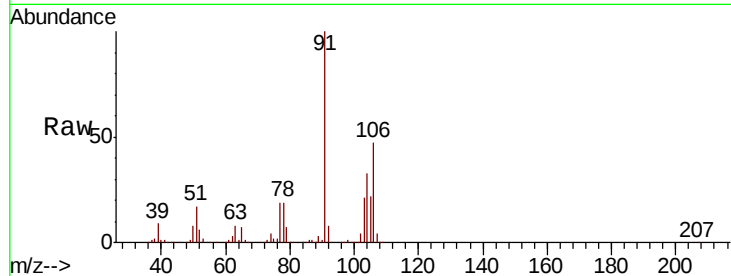




#69
o-Xylene
Concen: 50.453 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

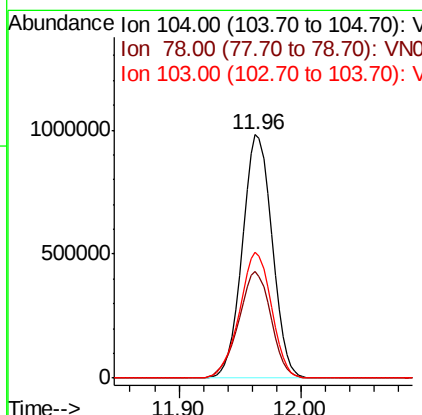
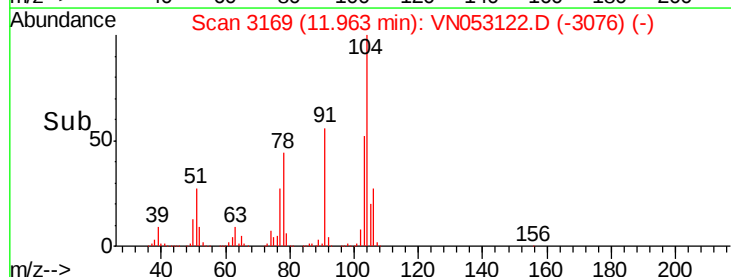
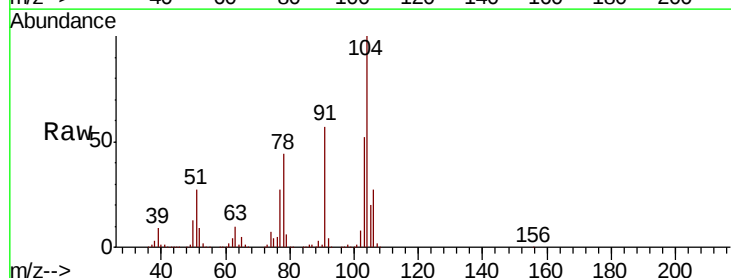
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

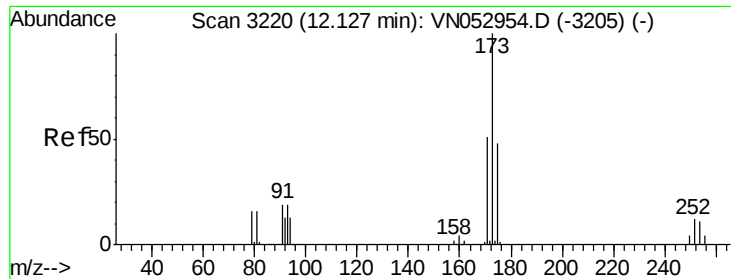
Tot Ion:106 Resp: 1000555
Ion Ratio Lower Upper
106 100
91 212.6 106.6 319.8



#70
Styrene
Concen: 50.904 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion:104 Resp: 1646101
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 55.5 44.3 66.5





#71

Bromoform

Concen: 49.763 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

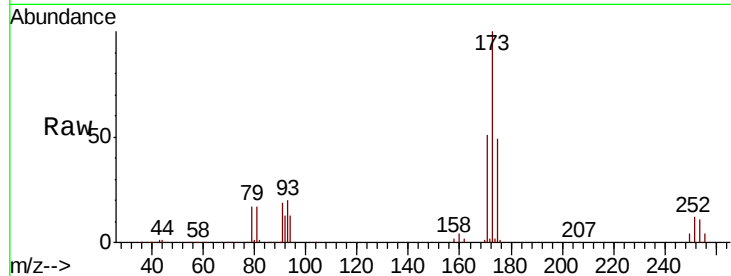
Tot Ion:173 Resp: 395194

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

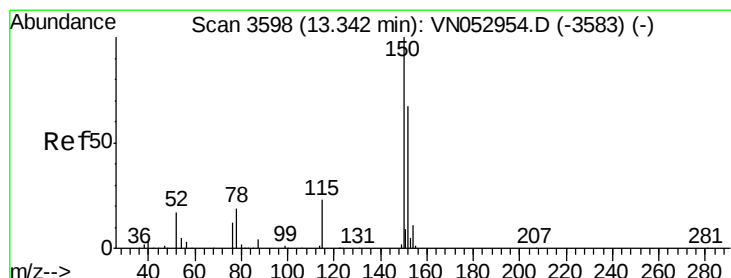
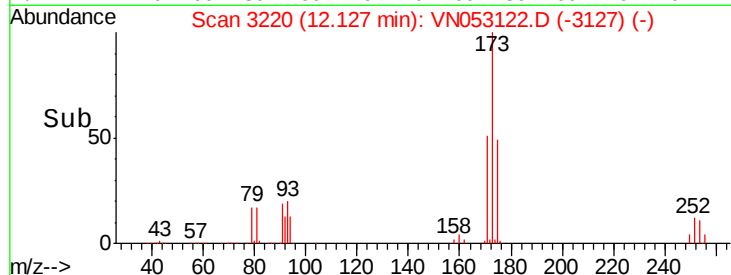
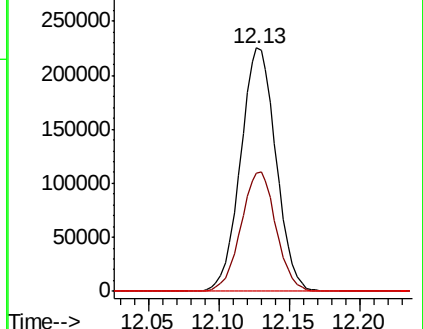
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

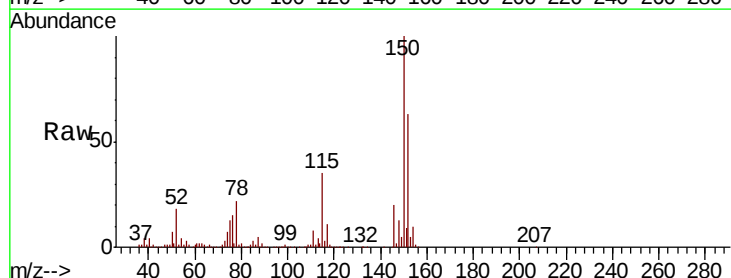
Tgt Ion:152 Resp: 643624

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

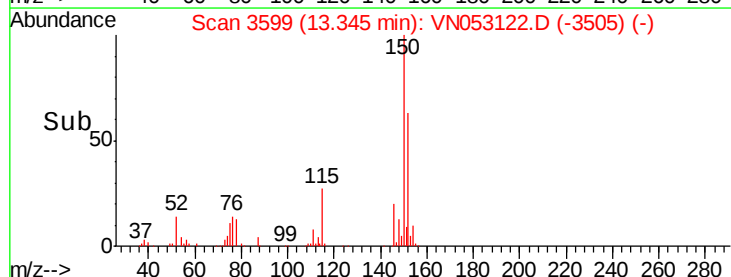
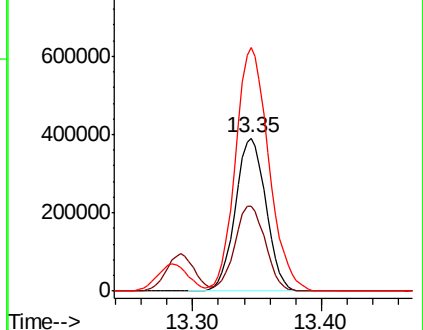
150 173.2 0.0 347.8

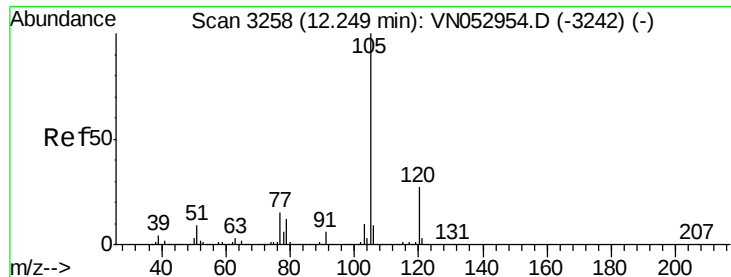


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.360 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

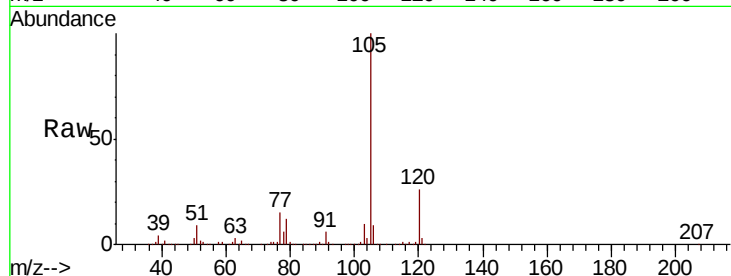
VSTDCCC050EC

Tot Ion:105 Resp: 2636742

Ion Ratio Lower Upper

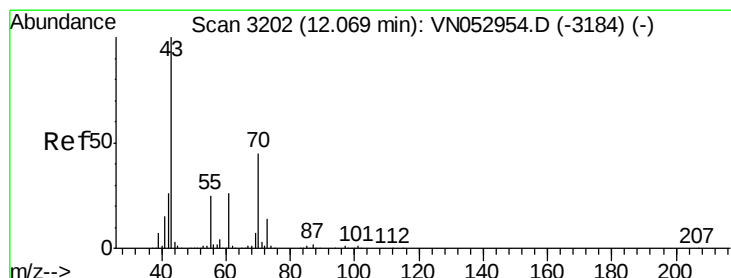
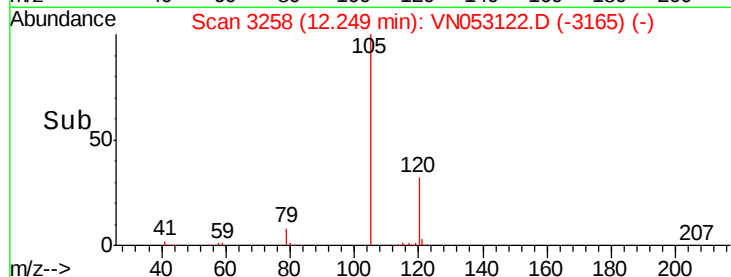
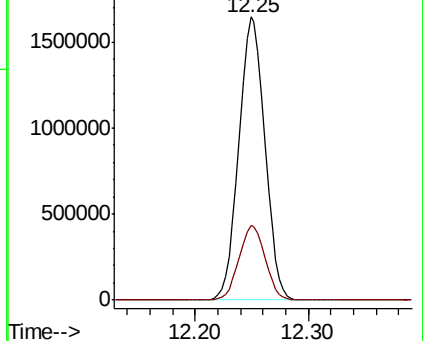
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.342 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Tgt Ion: 43 Resp: 815688

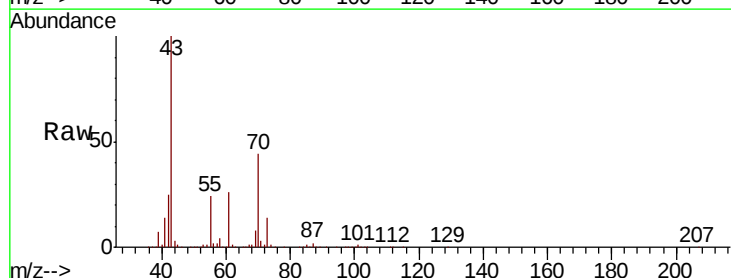
Ion Ratio Lower Upper

43 100

70 43.7 34.2 51.4

55 24.4 20.3 30.5

61 25.7 20.0 30.0

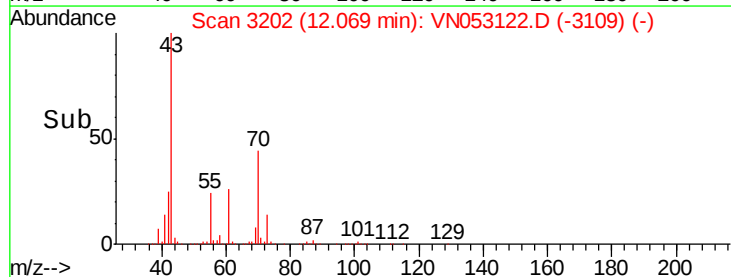
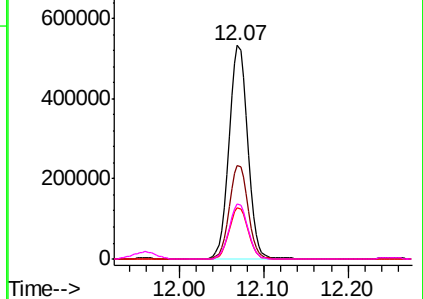


Abundance Ion 43.00 (42.70 to 43.70): V

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: 61.335 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

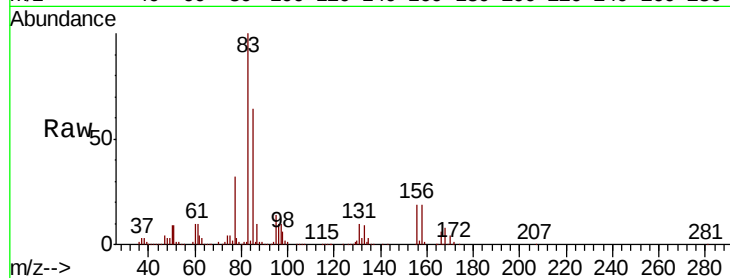
Tot Ion: 83 Resp: 605959

Ion Ratio Lower Upper

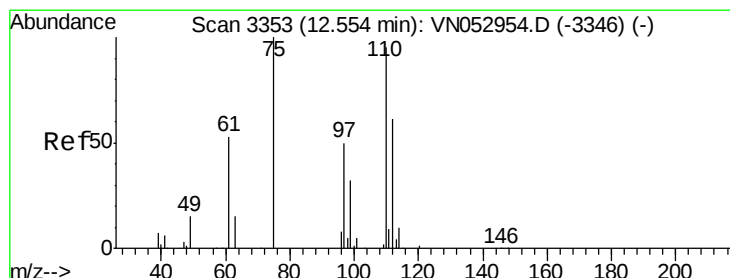
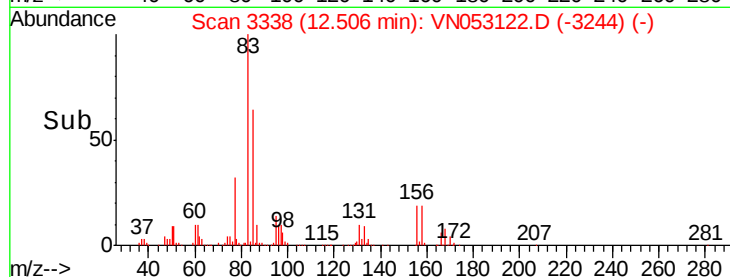
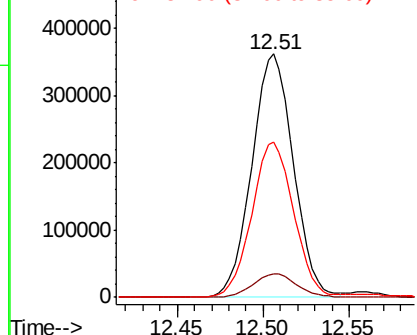
83 100

131 10.3 5.2 15.6

85 64.3 32.4 97.0



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: 73.137 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN053122.D

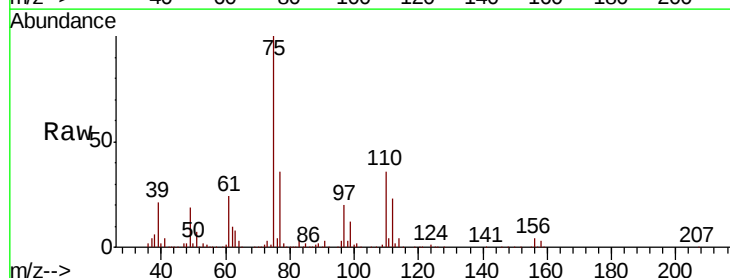
Acq: 22 Dec 2018 00:17

Tgt Ion: 75 Resp: 792423

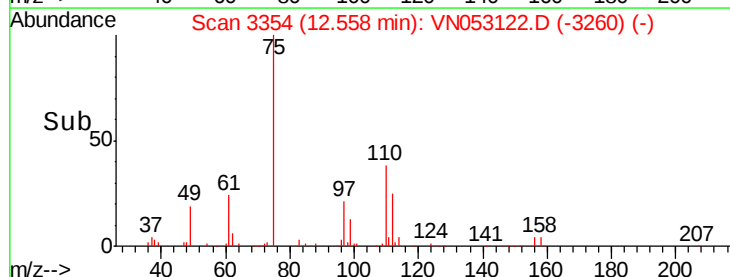
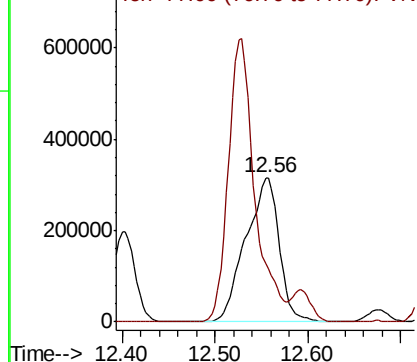
Ion Ratio Lower Upper

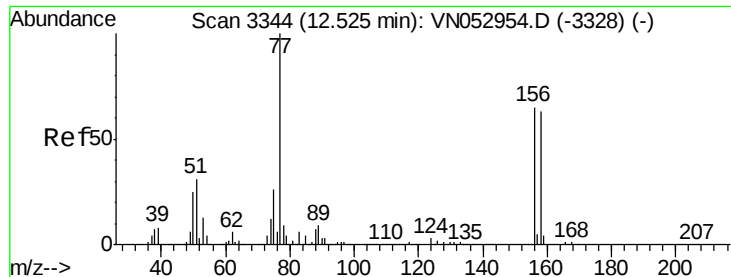
75 100

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: 51.738 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

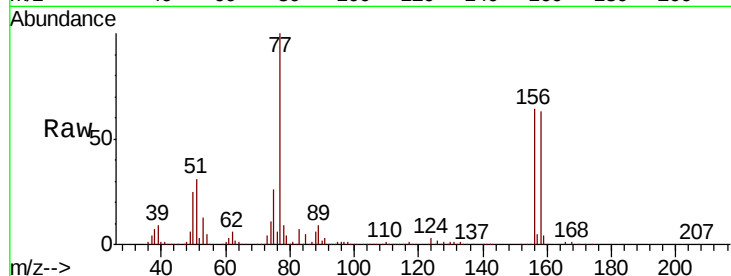
Tot Ion:156 Resp: 677260

Ion Ratio Lower Upper

156 100

77 181.1 91.3 273.8

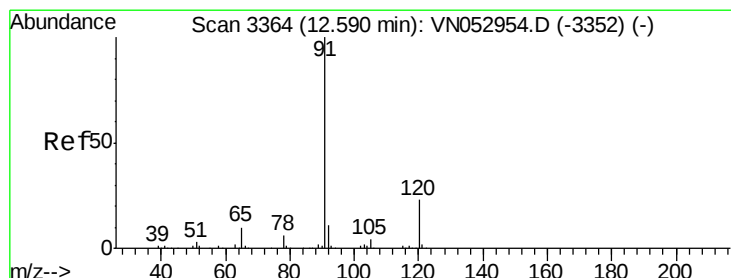
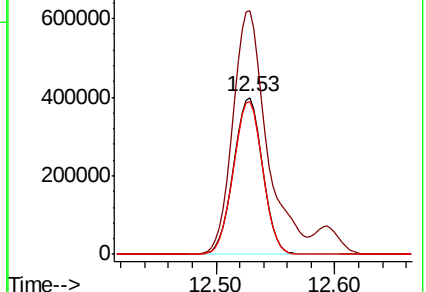
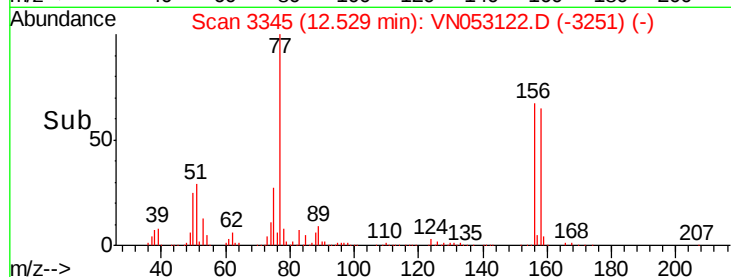
158 98.0 49.0 147.2



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: 51.222 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053122.D

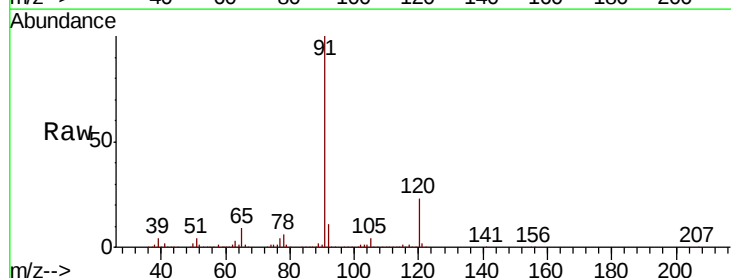
Acq: 22 Dec 2018 00:17

Tgt Ion: 91 Resp: 2937766

Ion Ratio Lower Upper

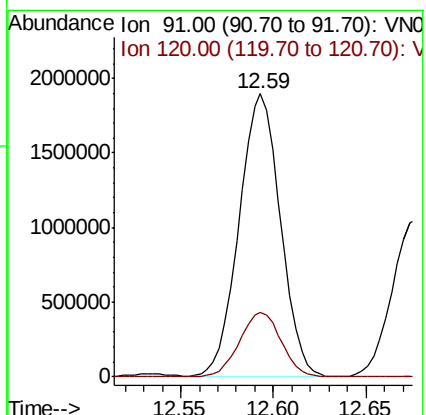
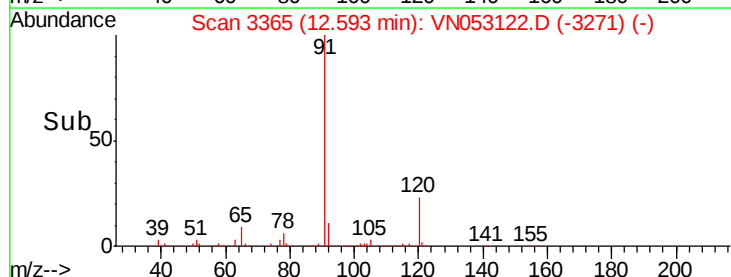
91 100

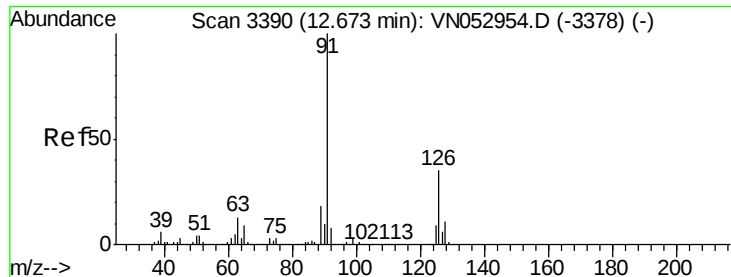
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.745 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

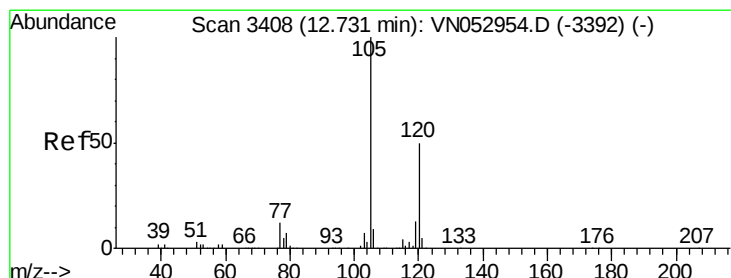
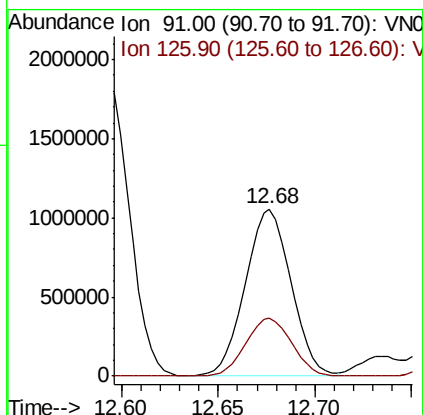
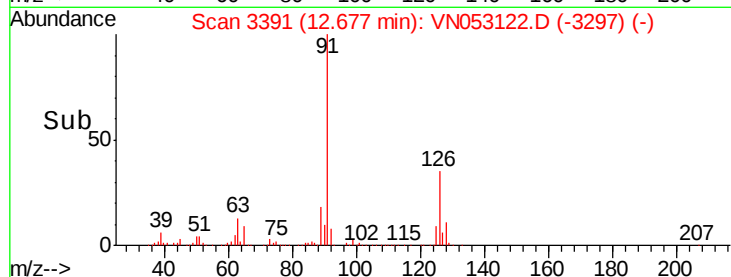
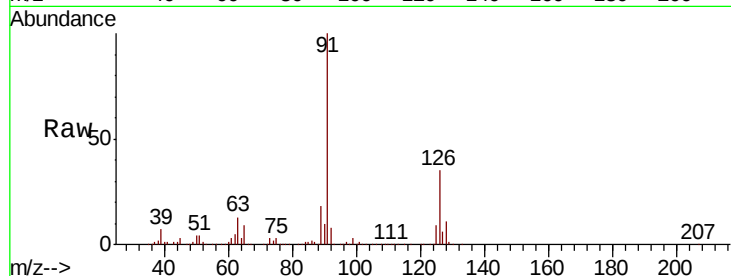
VSTDCCC050EC

Tot Ion: 91 Resp: 1732912

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.275 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053122.D

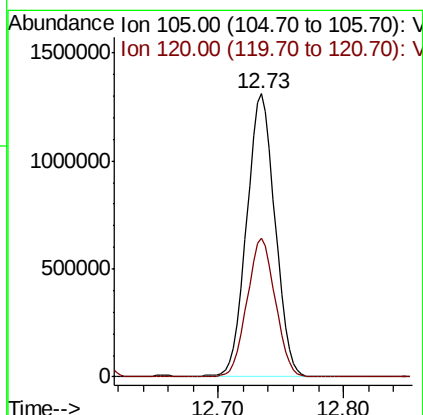
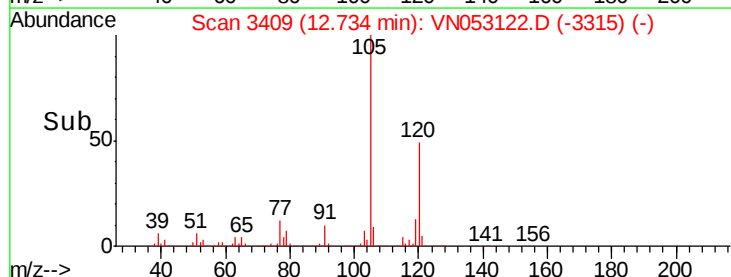
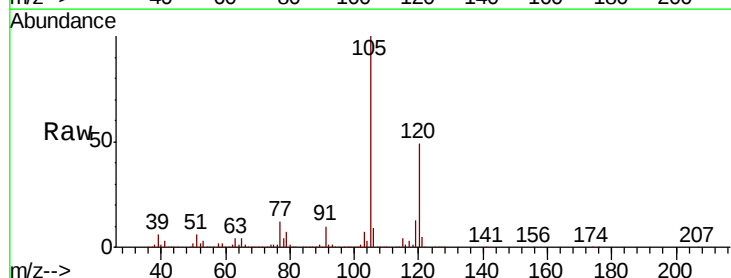
Acq: 22 Dec 2018 00:17

Tgt Ion:105 Resp: 2063601

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.414 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

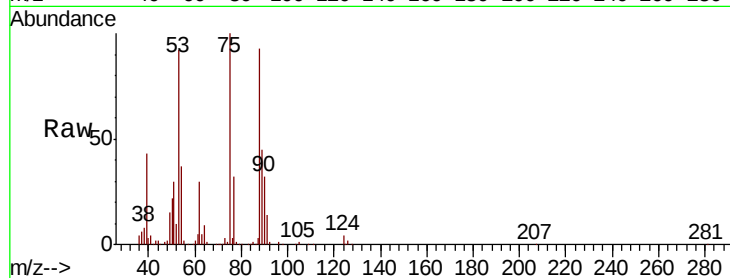
Tot Ion: 75 Resp: 162747

Ion Ratio Lower Upper

75 100

53 91.5 74.7 112.1

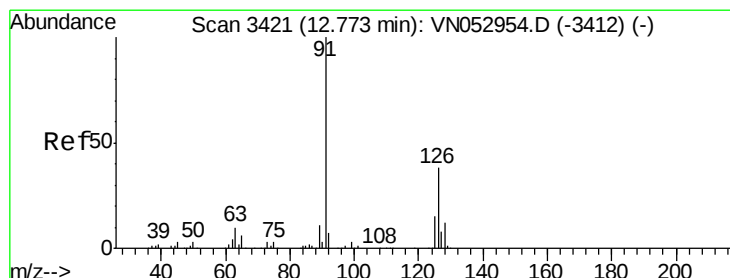
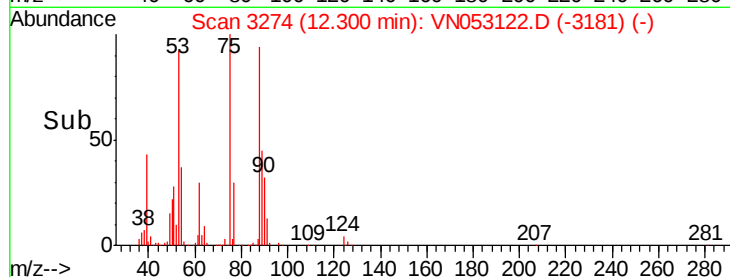
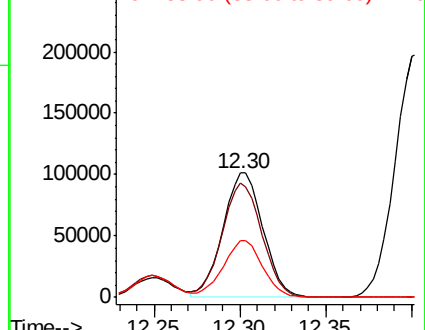
89 45.6 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.737 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN053122.D

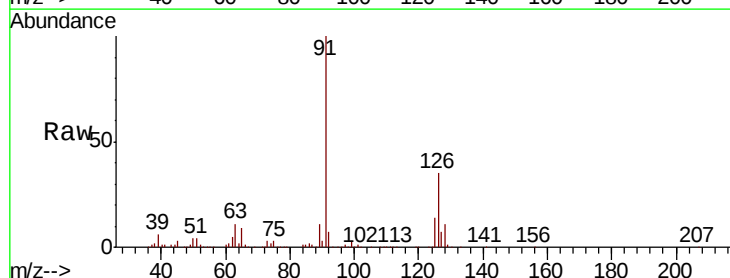
Acq: 22 Dec 2018 00:17

Tgt Ion: 91 Resp: 1765659

Ion Ratio Lower Upper

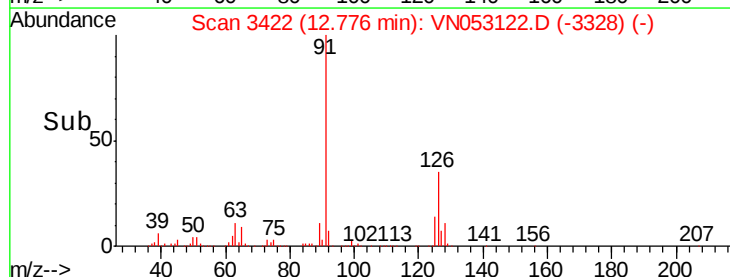
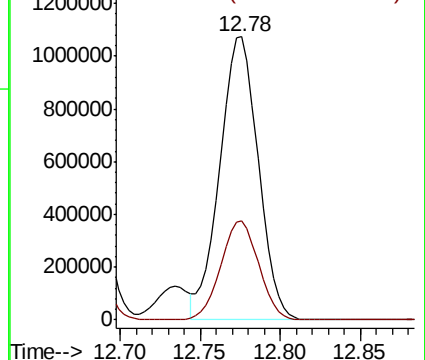
91 100

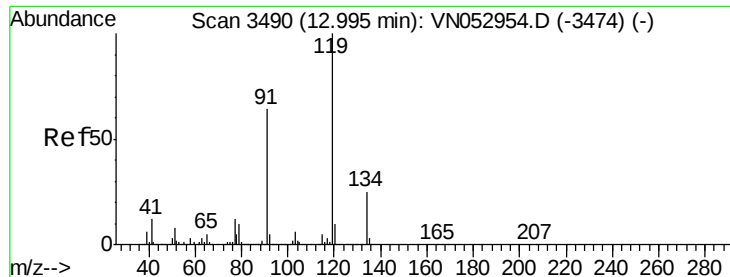
126 34.3 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

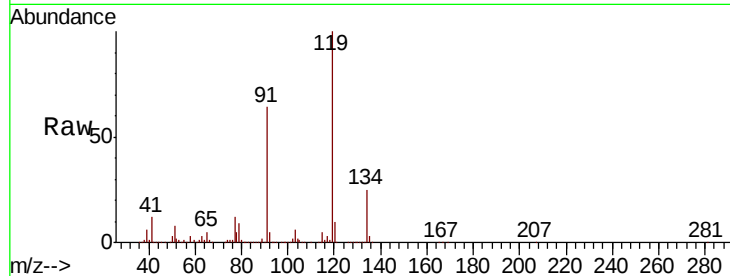




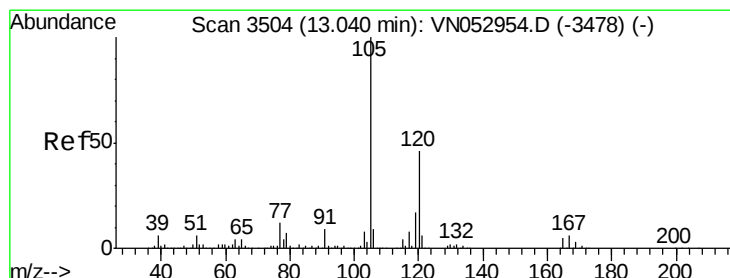
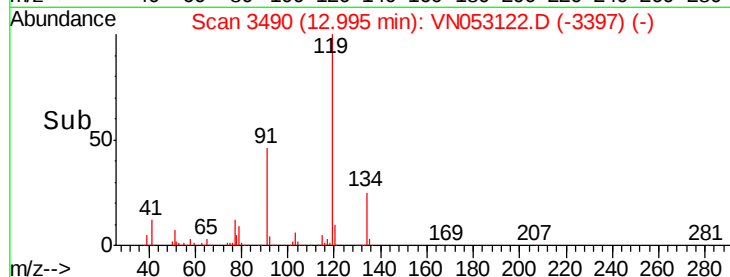
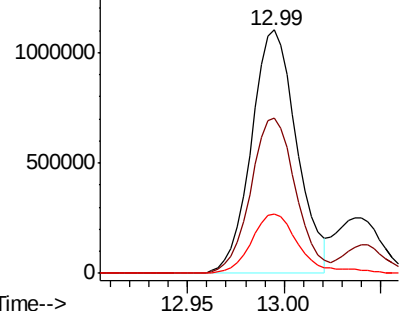
#83
tert-Butylbenzene
Concen: 49.680 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1803469
Ion Ratio Lower Upper
119 100
91 63.2 31.9 95.5
134 25.7 12.8 38.4

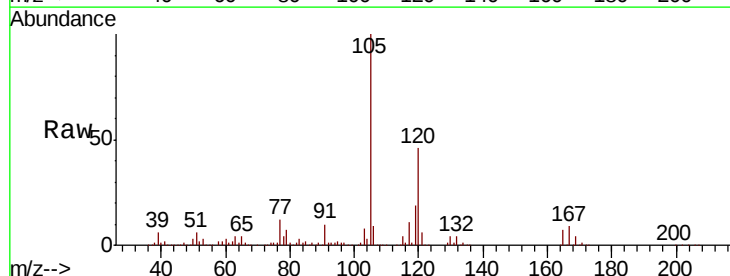


Abundance Ion 119.00 (118.70 to 119.70): V
1500000 Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

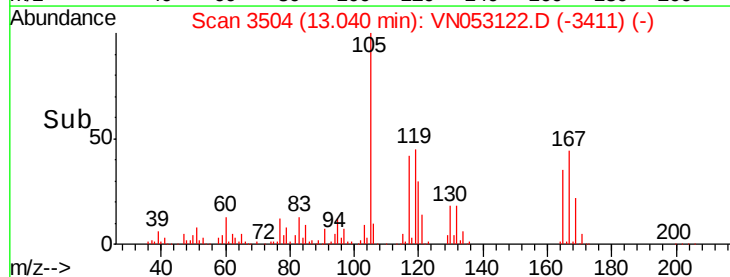
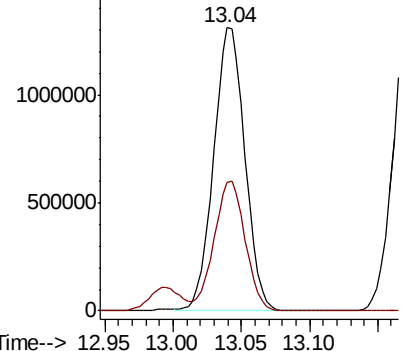


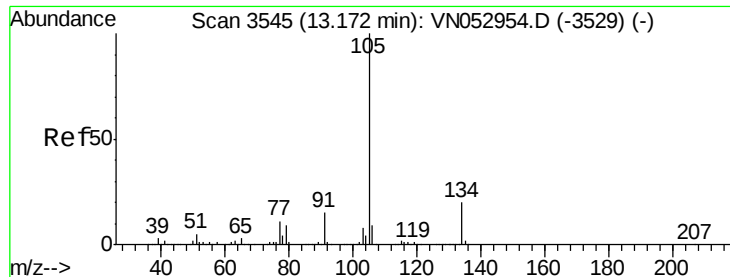
#84
1,2,4-Trimethylbenzene
Concen: 50.345 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion:105 Resp: 2077374
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
1500000 Ion 120.00 (119.70 to 120.70): V

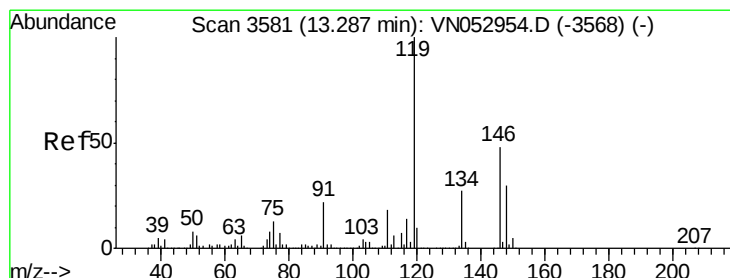
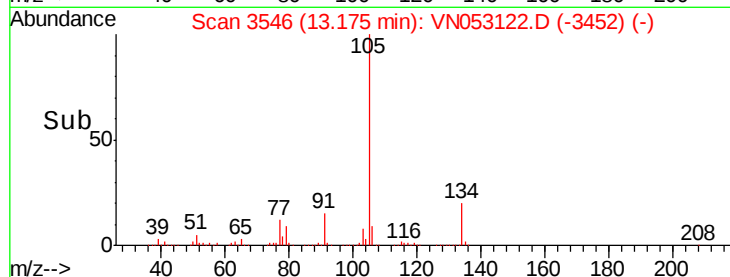
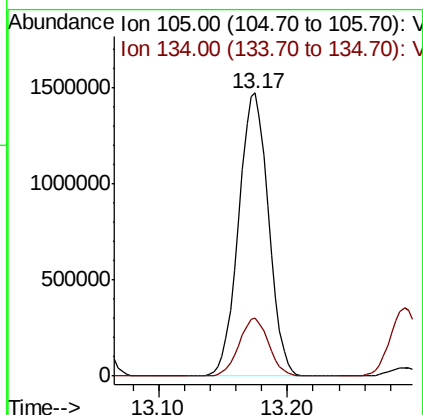
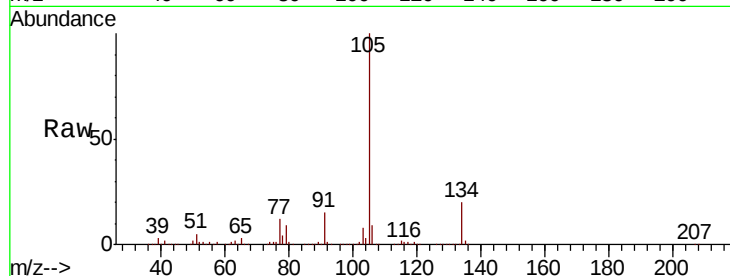




#85
 sec-Butylbenzene
 Concen: 48.285 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

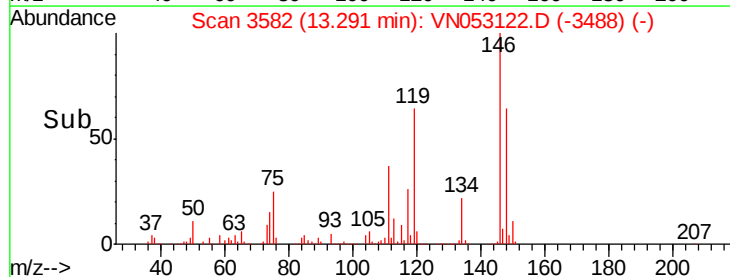
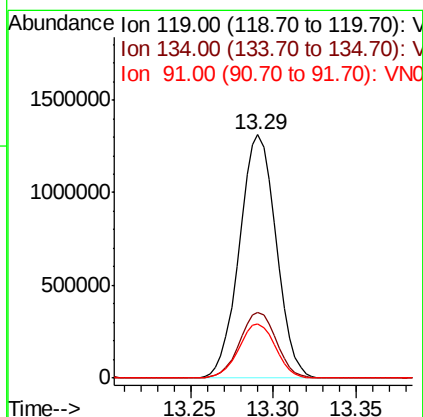
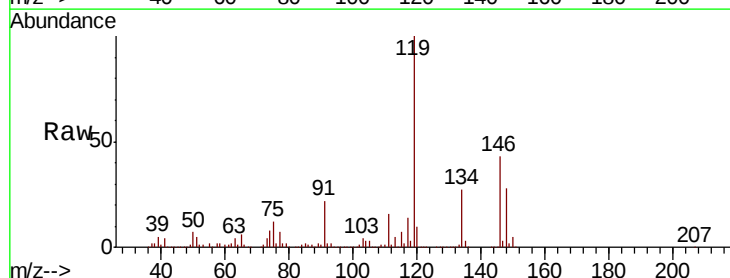
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

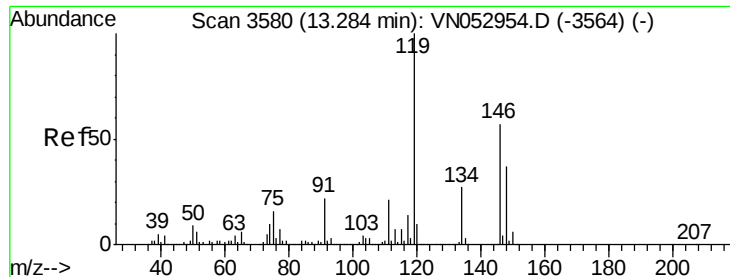
Tot Ion:105 Resp: 2370834
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 47.660 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion:119 Resp: 2022115
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.2 11.1 33.3

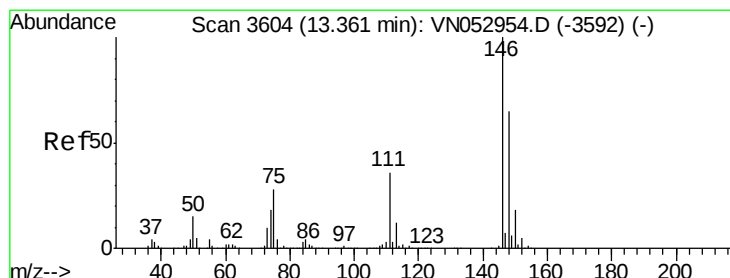
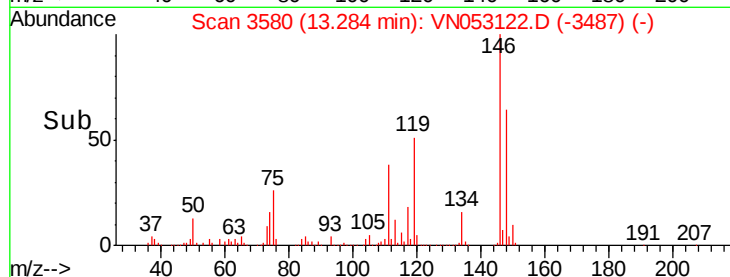
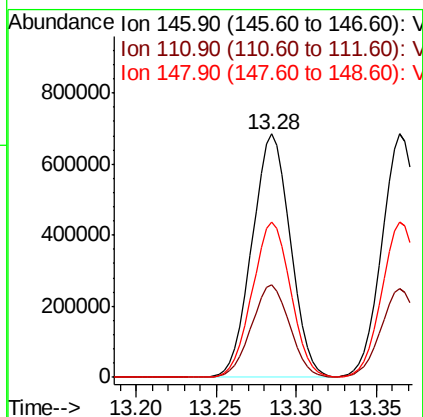
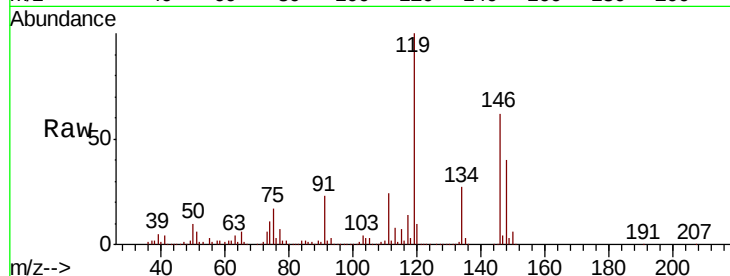




#87
 1,3-Dichlorobenzene
 Concen: 48.639 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

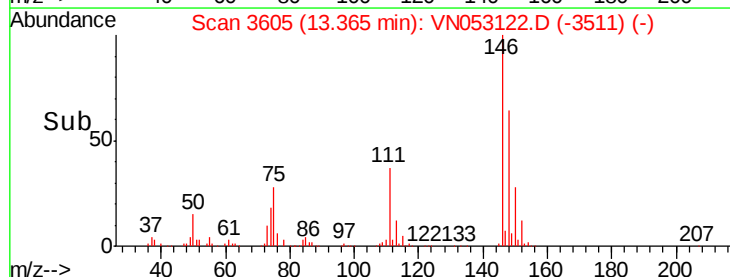
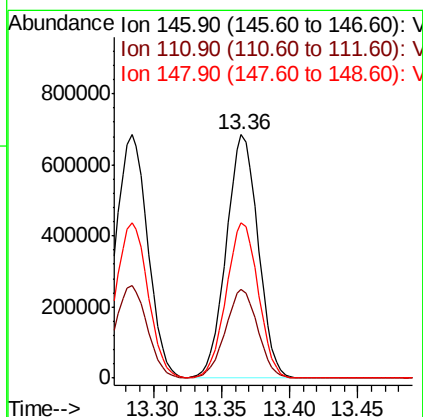
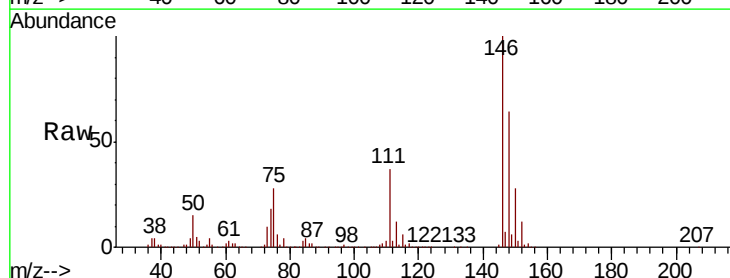
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

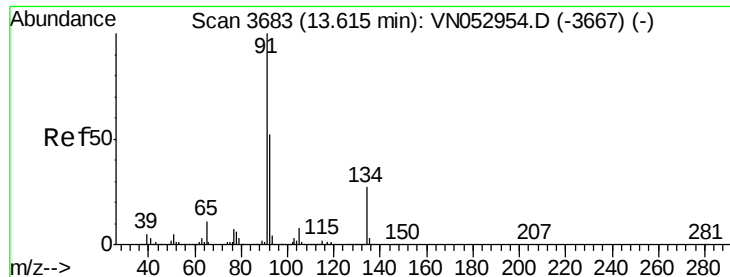
Tot Ion:146 Resp: 1126869
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.330 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion:146 Resp: 1110462
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.8
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 44.503 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053122.D

Acq: 22 Dec 2018 00:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

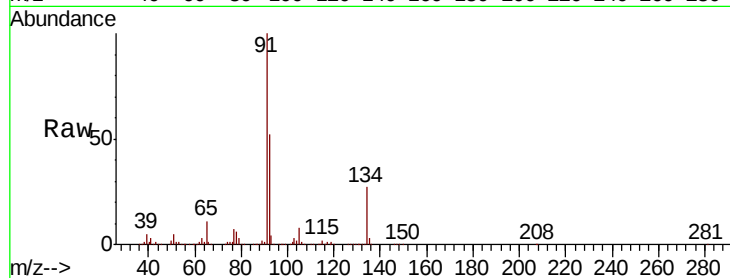
Tot Ion: 91 Resp: 1624423

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 27.0 13.3 39.8

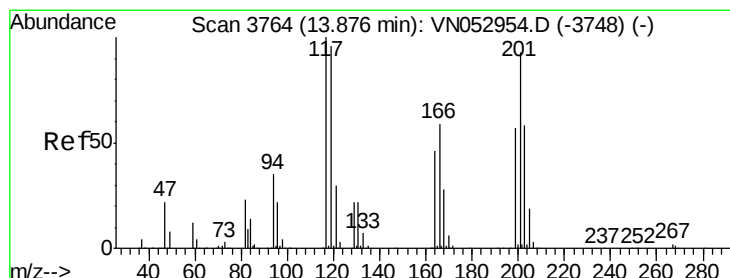
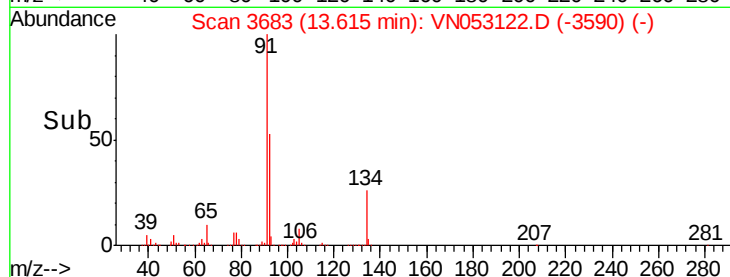


Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 48.351 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN053122.D

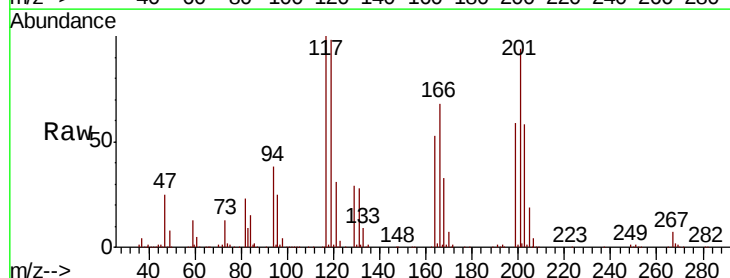
Acq: 22 Dec 2018 00:17

Tgt Ion: 117 Resp: 314810

Ion Ratio Lower Upper

117 100

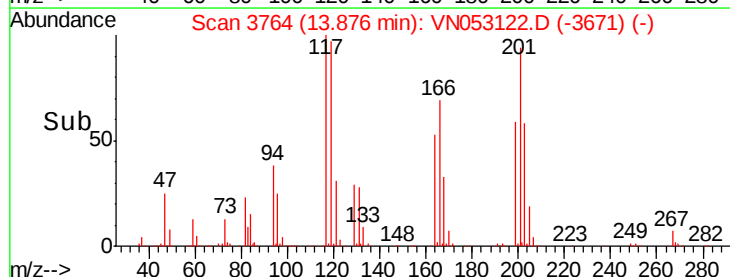
201 92.9 45.7 137.1

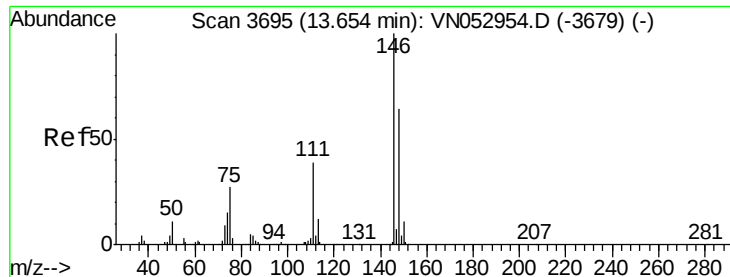


Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

Time-->

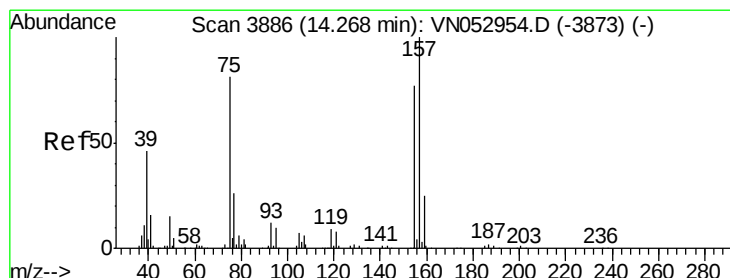
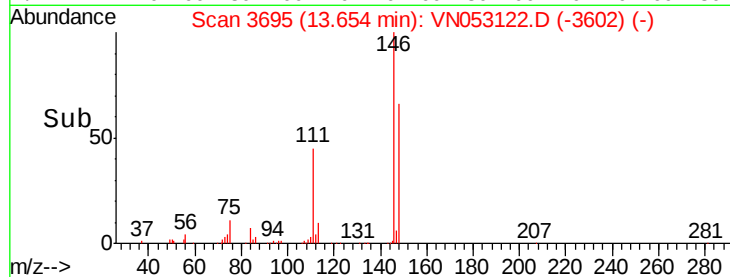
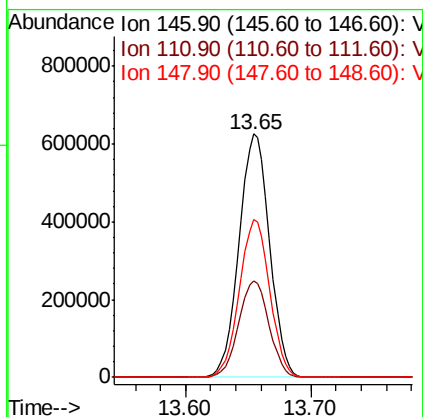
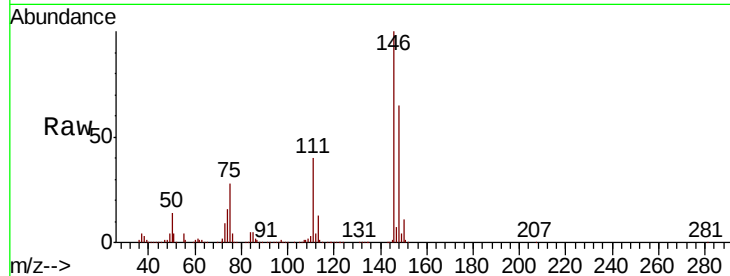




#91
 1,2-Dichlorobenzene
 Concen: 48.618 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

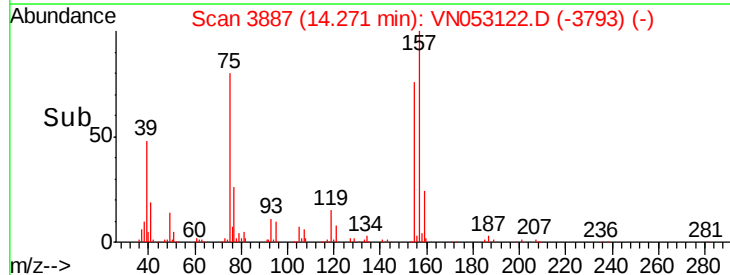
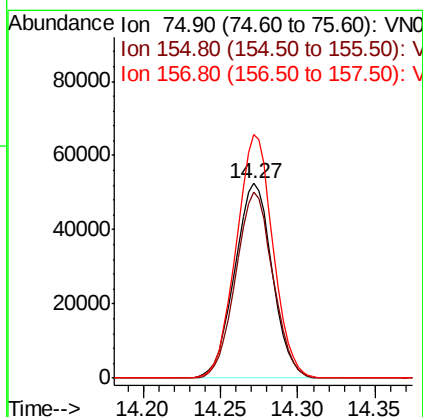
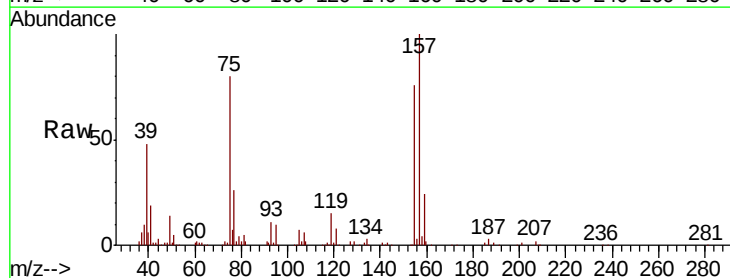
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

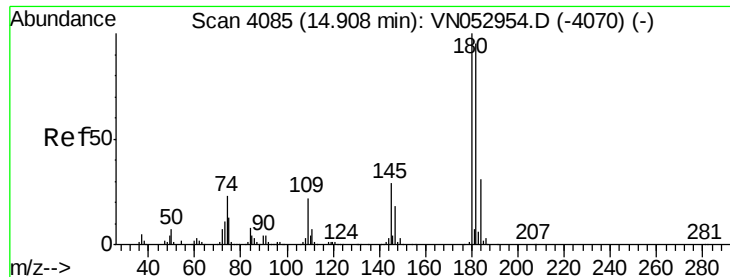
Tot Ion:146 Resp: 1060092
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.0
 148 64.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.963 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion: 75 Resp: 88765
 Ion Ratio Lower Upper
 75 100
 155 94.2 48.2 144.6
 157 122.0 61.2 183.5

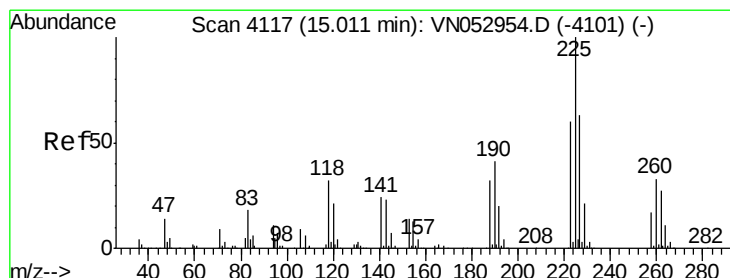
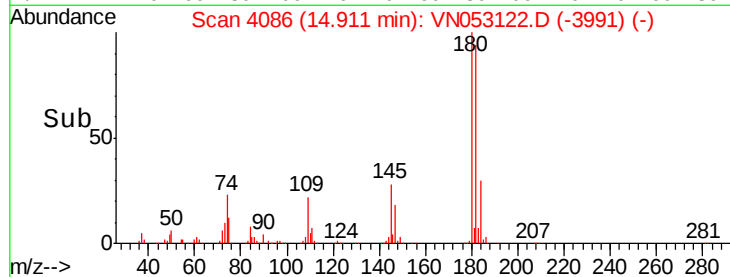
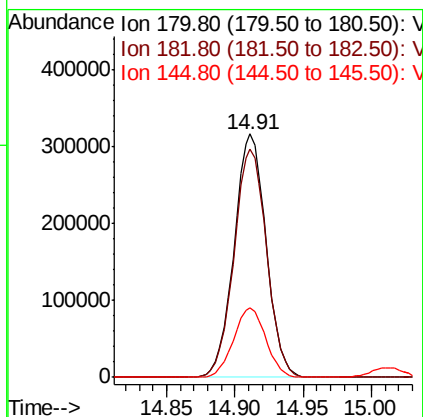
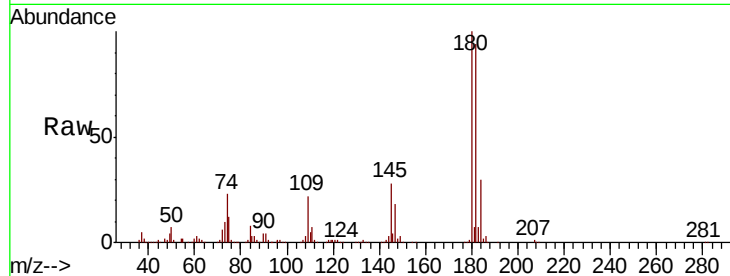




#93
 1,2,4-Trichlorobenzene
 Concen: 44.556 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

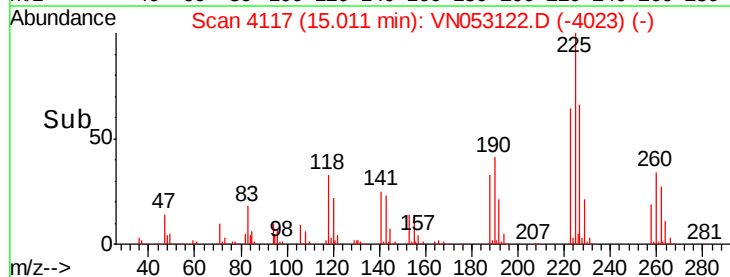
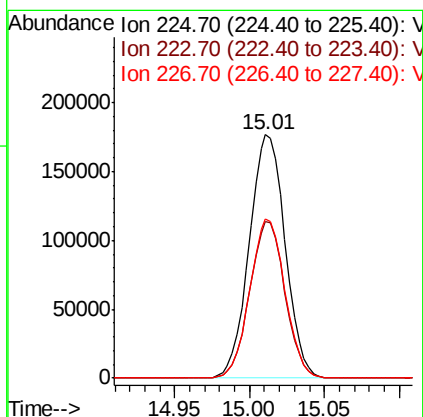
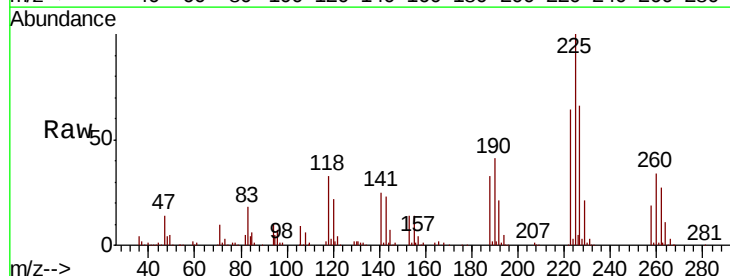
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

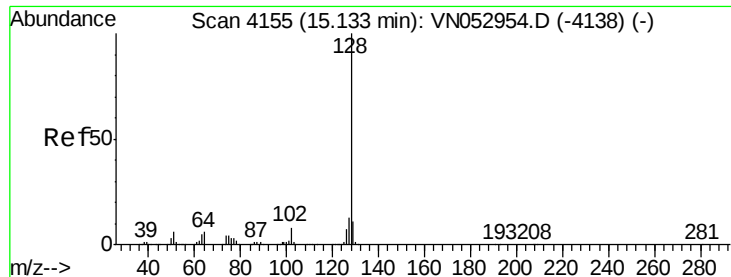
Tot Ion:180 Resp: 513961
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 28.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 49.149 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053122.D
 Acq: 22 Dec 2018 00:17

Tgt Ion:225 Resp: 294271
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.5 94.5
 227 64.1 31.9 95.7

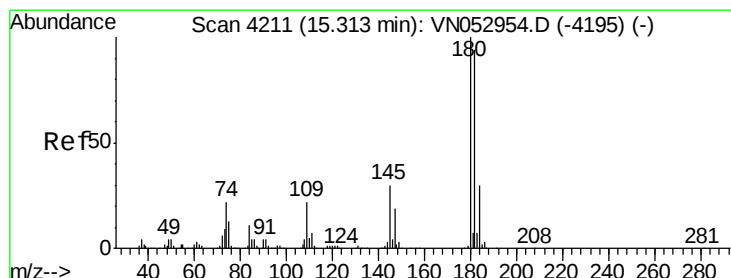
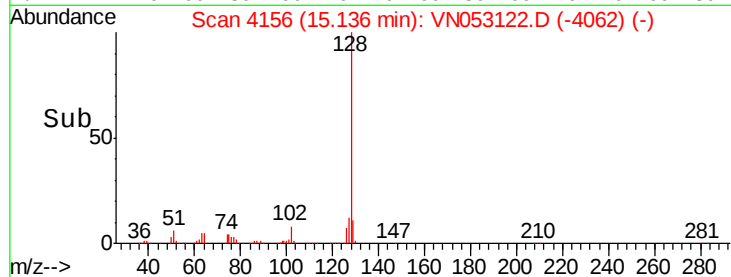
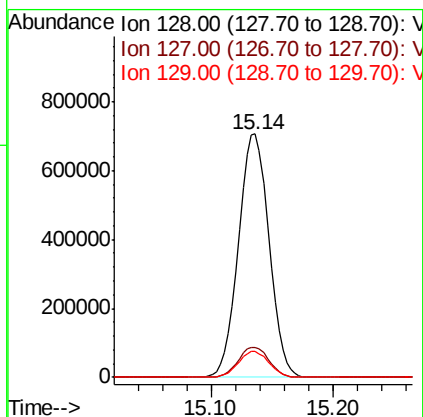
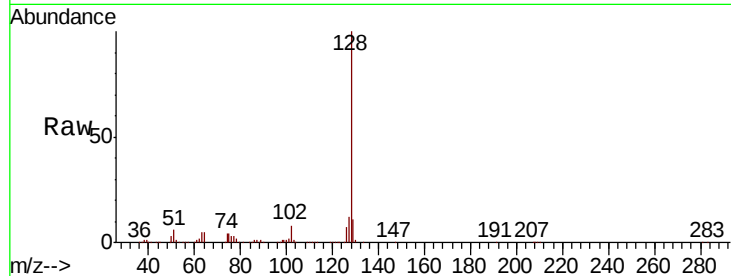




#95
Naphthalene
Concen: 48.175 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1218010
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.743 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053122.D
Acq: 22 Dec 2018 00:17

Tgt Ion:180 Resp: 475404
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 30.1 15.0 45.0

