

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091818\
 Data File : VN051286.D
 Acq On : 18 Sep 2018 8:44
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 14:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	599180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	792676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	371003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313952	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	317146	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.09	98	1203436	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.40	95	392431	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	289214	49.771	ug/l	99
3) Chloromethane	2.06	50	369955	49.441	ug/l	99
4) Vinyl Chloride	2.18	62	375280	47.839	ug/l	100
5) Bromomethane	2.56	94	218735	47.220	ug/l	99
6) Chloroethane	2.70	64	224050	47.874	ug/l	97
7) Trichlorofluoromethane	3.01	101	515290	47.932	ug/l	100
8) Diethyl Ether	3.41	74	168142	47.795	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324862	48.360	ug/l	100
10) Methyl Iodide	3.95	142	317850	47.351	ug/l	100
11) Tert butyl alcohol	4.78	59	75864	211.562	ug/l	99
12) 1,1-Dichloroethene	3.73	96	290994	47.961	ug/l	99
13) Acrolein	3.61	56	92861	173.574	ug/l	97
14) Allyl chloride	4.32	41	432602	48.301	ug/l	98
15) Acrylonitrile	4.99	53	440034	234.550	ug/l	98
16) Acetone	3.81	43	346134	243.320	ug/l	100
17) Carbon Disulfide	4.05	76	883776	47.404	ug/l	99
18) Methyl Acetate	4.32	43	201183	45.390	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	723695	49.770	ug/l	98
20) Methylene Chloride	4.55	84	328530	46.095	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	314197	47.239	ug/l	99
22) Diisopropyl ether	5.95	45	888970	51.243	ug/l	100
23) Vinyl Acetate	5.90	43	2841506	252.791	ug/l	100
24) 1,1-Dichloroethane	5.85	63	562227	48.475	ug/l	99
25) 2-Butanone	6.83	43	469064	224.863	ug/l	99
26) 2,2-Dichloropropane	6.82	77	457352	48.487	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	347442	48.899	ug/l	100
28) Bromochloromethane	7.19	49	248464	48.644	ug/l	100
29) Tetrahydrofuran	7.21	42	300597	233.070	ug/l	99
30) Chloroform	7.37	83	569278	48.058	ug/l	98
31) Cyclohexane	7.65	56	509763	48.538	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	494945	48.691	ug/l	99
36) 1,1-Dichloropropene	7.79	75	443986	51.744	ug/l	99
37) Ethyl Acetate	6.93	43	212214	48.107	ug/l	99
38) Carbon Tetrachloride	7.77	117	455802	50.942	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	516106	55.370	ug/l	99
40) Benzene	8.04	78	1314669	51.494	ug/l	100
41) Methacrylonitrile	7.17	41	122609	54.167	ug/l	98
42) 1,2-Dichloroethane	8.12	62	375583	50.032	ug/l	99
43) Isopropyl Acetate	8.16	43	379086	49.667	ug/l #	86
44) Trichloroethene	8.83	130	364018	50.722	ug/l	98
45) 1,2-Dichloropropane	9.12	63	336216	51.944	ug/l	99
46) Dibromomethane	9.21	93	196065	49.728	ug/l	99
47) Bromodichloromethane	9.40	83	432065	51.413	ug/l	99
48) Methyl methacrylate	9.20	41	187189	50.924	ug/l	99
49) 1,4-Dioxane	9.20	88	53222	1000.749	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1007225	255.746	ug/l	100
52) Toluene	10.15	92	829828	54.298	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	419071	53.069	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	502253	53.252	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	278098	50.890	ug/l	98
56) Ethyl methacrylate	10.43	69	323576	46.683	ug/l	99
57) 1,3-Dichloropropane	10.71	76	464385	52.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	745257	233.501	ug/l	99
59) 2-Hexanone	10.75	43	654104	252.251	ug/l	99
60) Dibromochloromethane	10.90	129	338053	52.565	ug/l	99
61) 1,2-Dibromoethane	11.00	107	273798	52.128	ug/l	98
64) Tetrachloroethene	10.63	164	340585	49.513	ug/l	99
65) Chlorobenzene	11.43	112	918028	51.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	341047	50.263	ug/l	99
67) Ethyl Benzene	11.51	91	1535117	53.748	ug/l	100
68) m/p-Xylenes	11.62	106	1232018	111.041	ug/l	99
69) o-Xylene	11.95	106	582408	55.079	ug/l	100
70) Styrene	11.96	104	934017	49.943	ug/l	99
71) Bromoform	12.13	173	227907	50.651	ug/l	99
73) Isopropylbenzene	12.25	105	1549295	49.516	ug/l	99
74) N-amyl acetate	12.07	43	297620	46.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	318074	48.697	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	384424	77.337	ug/l #	100
77) Bromobenzene	12.53	156	396954	50.743	ug/l	98
78) n-propylbenzene	12.59	91	1723696	51.074	ug/l	100
79) 2-Chlorotoluene	12.67	91	1019585	47.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1286564	51.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	82014	49.098	ug/l	99
82) 4-Chlorotoluene	12.77	91	1020211	49.994	ug/l	100
83) tert-Butylbenzene	12.99	119	1107989	50.121	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1295812	53.343	ug/l	99
85) sec-Butylbenzene	13.17	105	1450489	51.671	ug/l	100
86) p-Isopropyltoluene	13.29	119	1297551	55.125	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	682360	49.369	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	652070	49.804	ug/l	99
89) n-Butylbenzene	13.61	91	984659	50.900	ug/l	99
90) Hexachloroethane	13.87	117	234563	51.091	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	644439	50.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41739	45.751	ug/l	98

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QLast Update : Tue Sep 18 06:04:06 2018
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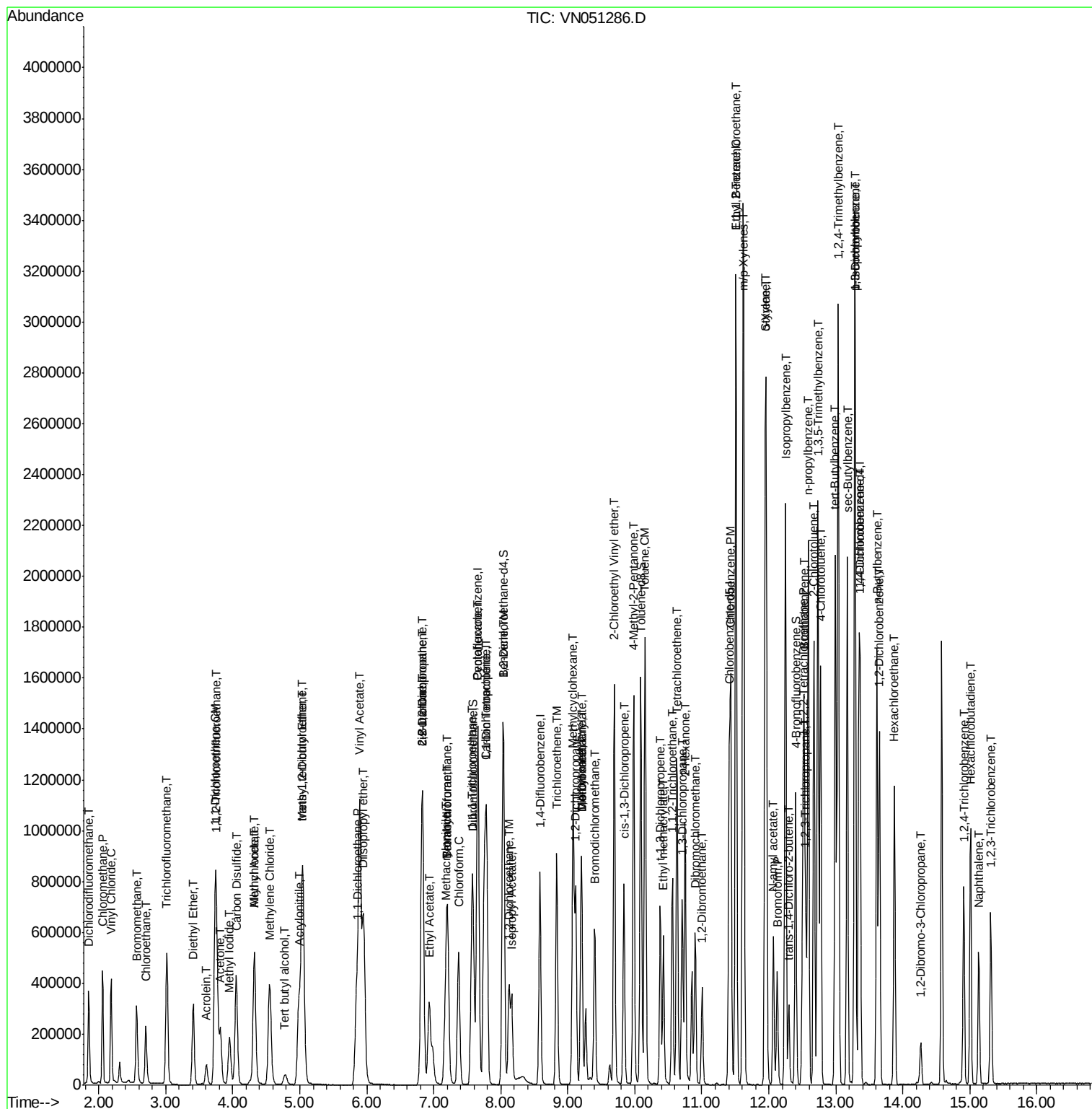
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	279568	45.210	ug/l	98
94) Hexachlorobutadiene	15.01	225	225738	53.373	ug/l	99
95) Naphthalene	15.13	128	453393	40.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	269907	45.918	ug/l	99

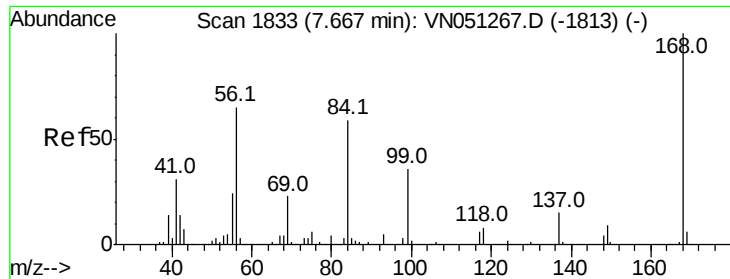
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

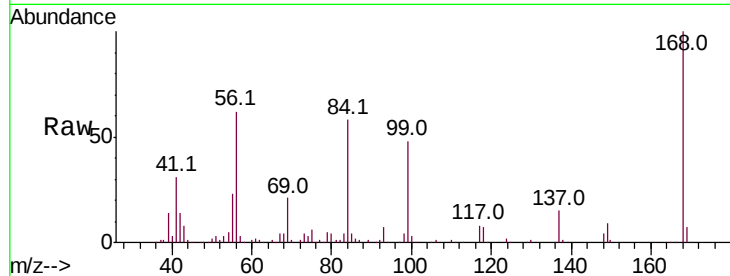
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 599180

Ion Ratio Lower Upper

168 100

99 47.5 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

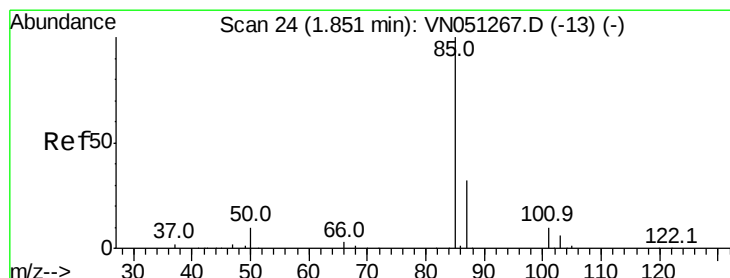
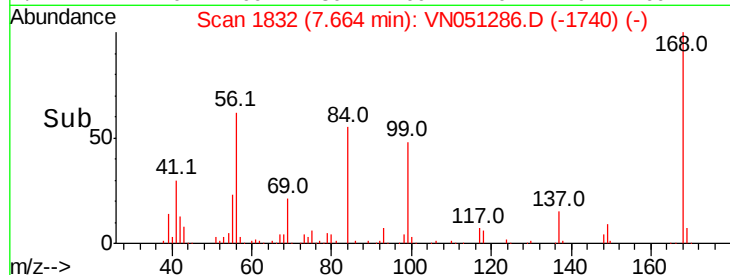
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.771 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051286.D

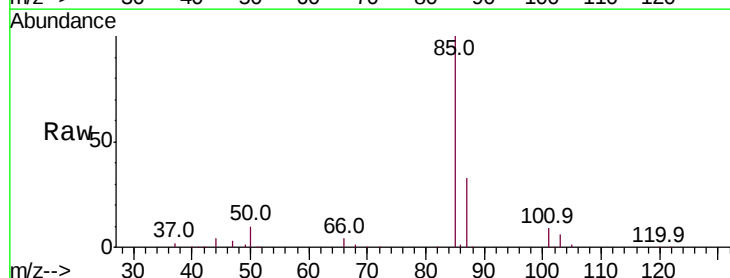
Acq: 18 Sep 2018 8:44

Tgt Ion: 85 Resp: 289214

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

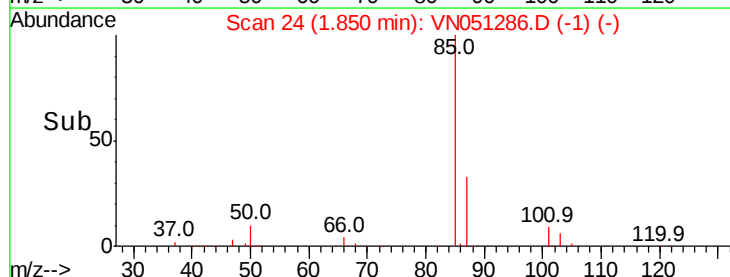
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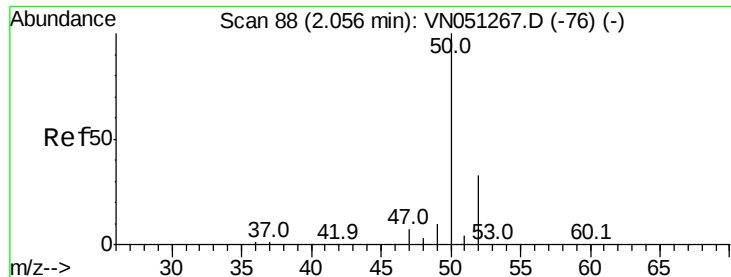
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.441 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

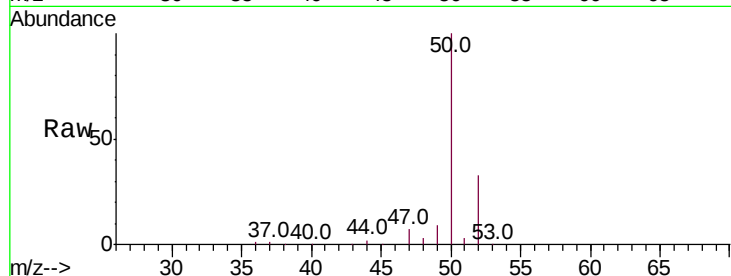
ClientSampled :

Tot Ion: 50 Resp: 369955

Ion Ratio Lower Upper

50 100

52 32.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC

2.06

300000

250000

200000

150000

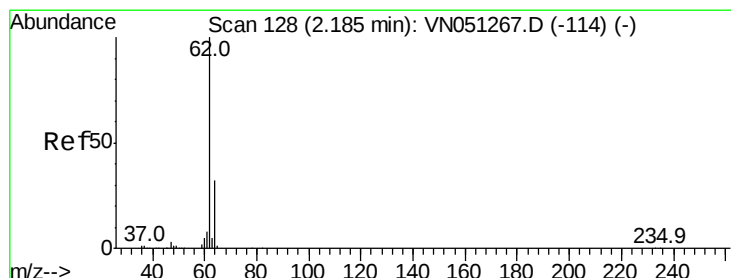
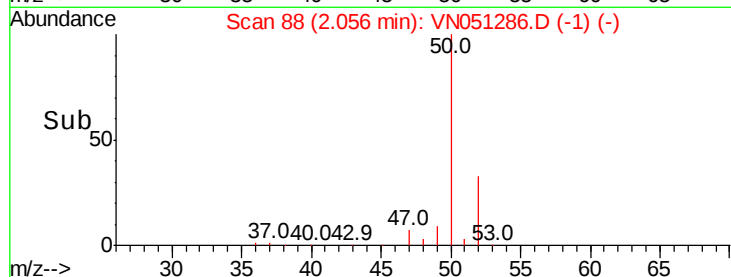
100000

50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 47.839 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051286.D

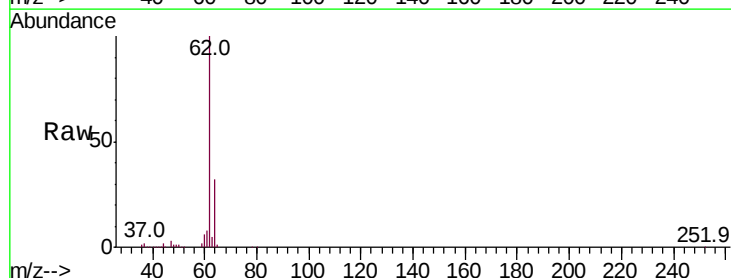
Acq: 18 Sep 2018 8:44

Tgt Ion: 62 Resp: 375280

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

2.18

300000

250000

200000

150000

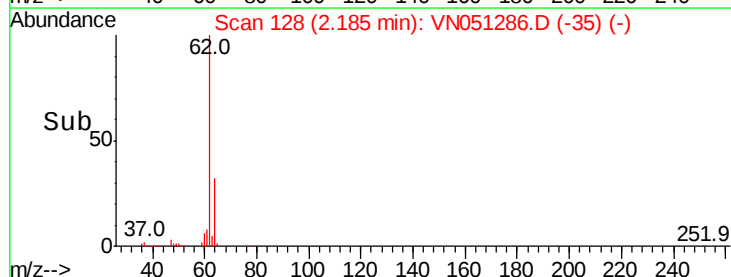
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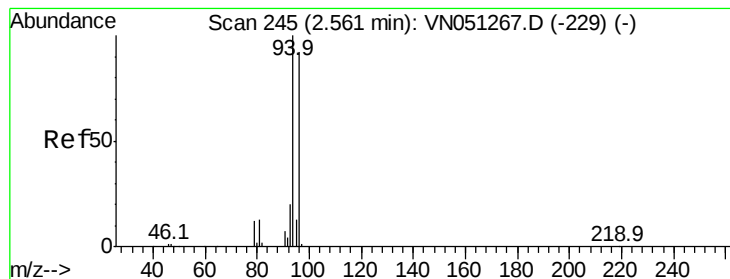
50000

0

Time-->

2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 47.220 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

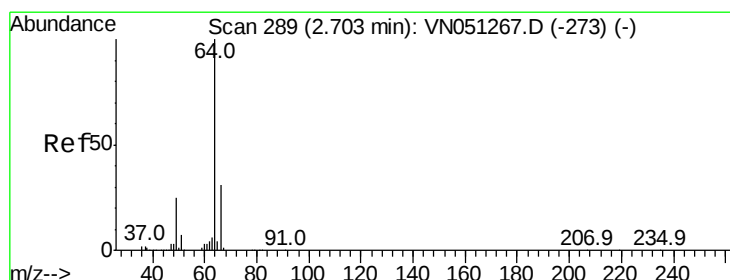
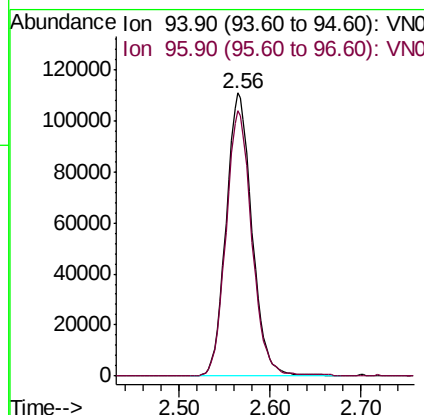
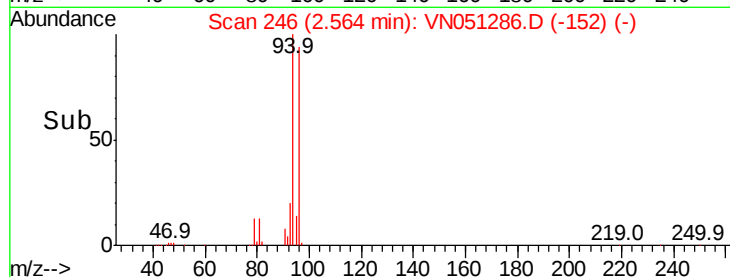
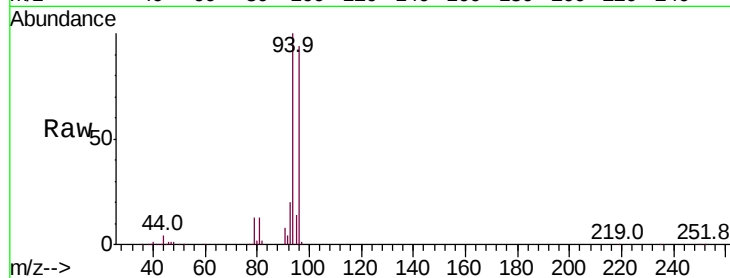
ClientSampled :

Tot Ion: 94 Resp: 218735

Ion Ratio Lower Upper

94 100

96 93.7 73.8 110.8



#6

Chloroethane

Concen: 47.874 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051286.D

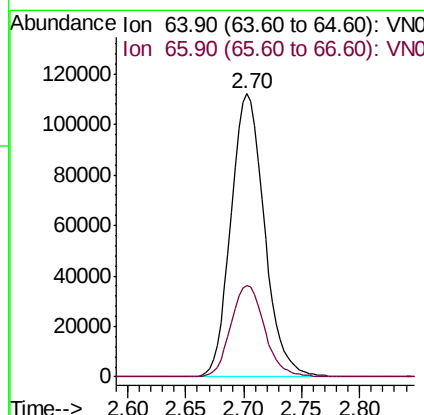
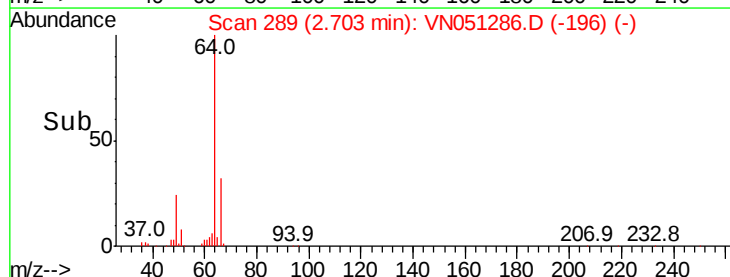
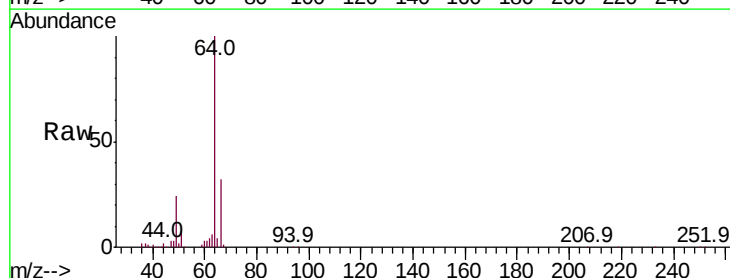
Acq: 18 Sep 2018 8:44

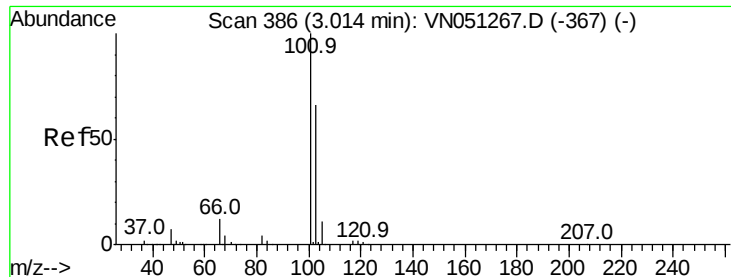
Tgt Ion: 64 Resp: 224050

Ion Ratio Lower Upper

64 100

66 32.5 24.9 37.3



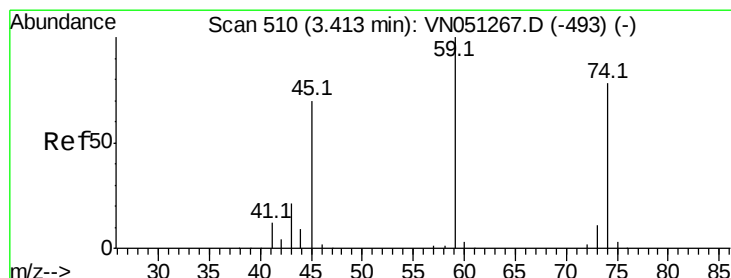
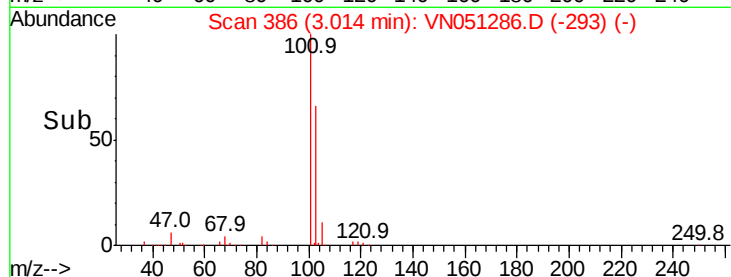
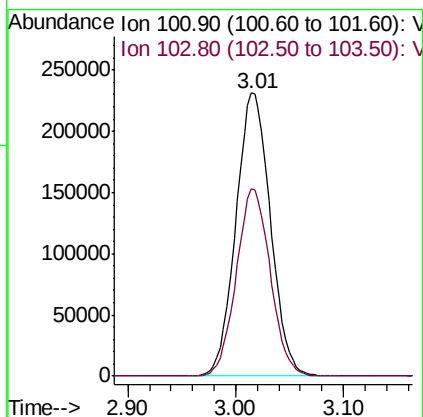
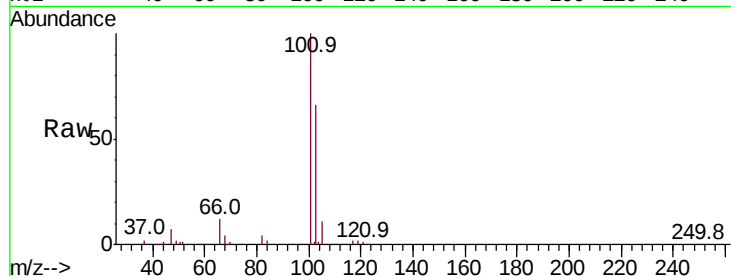


#7

Trichlorofluoromethane
 Concen: 47.932 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampled :

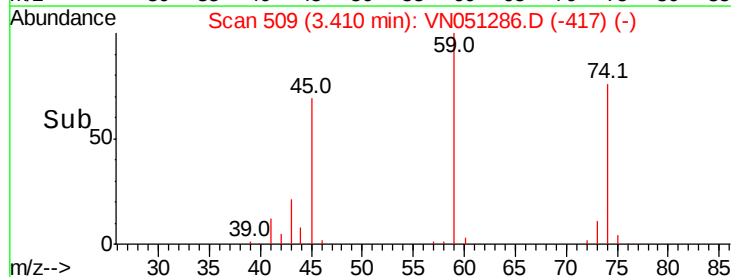
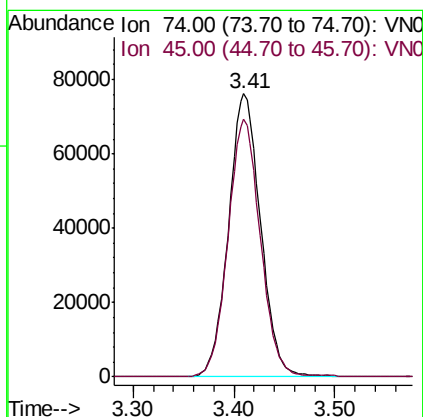
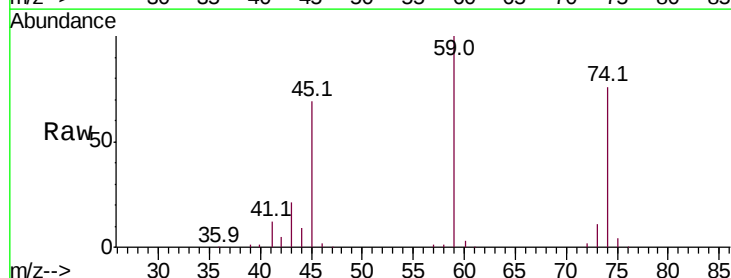
Tot Ion:101 Resp: 515290
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.7 79.1

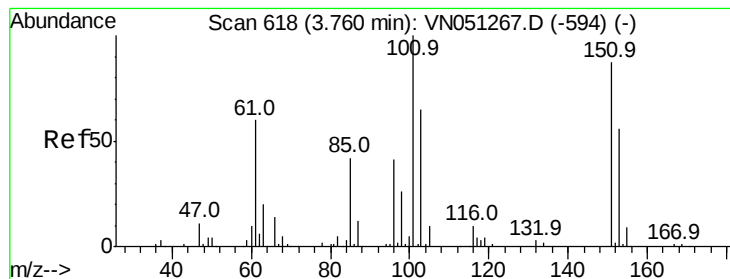


#8

Diethyl Ether
 Concen: 47.795 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 74 Resp: 168142
 Ion Ratio Lower Upper
 74 100
 45 92.3 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.360 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampled :

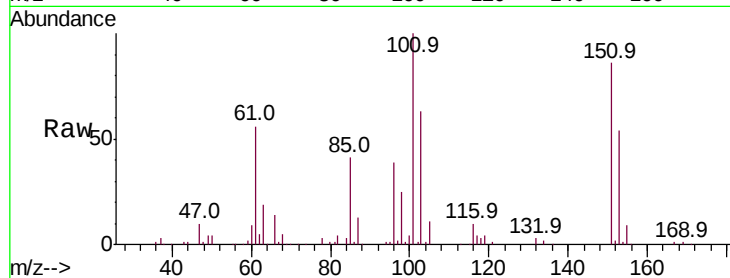
Tot Ion:101 Resp: 324862

Ion Ratio Lower Upper

101 100

85 41.7 33.0 49.6

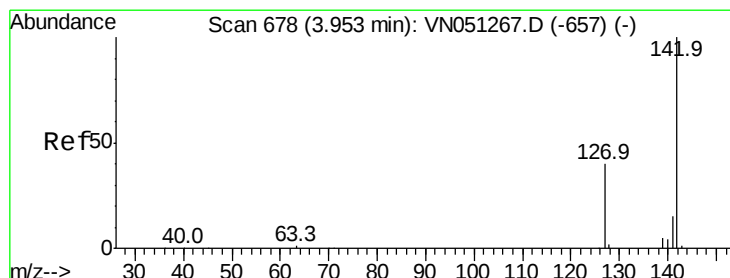
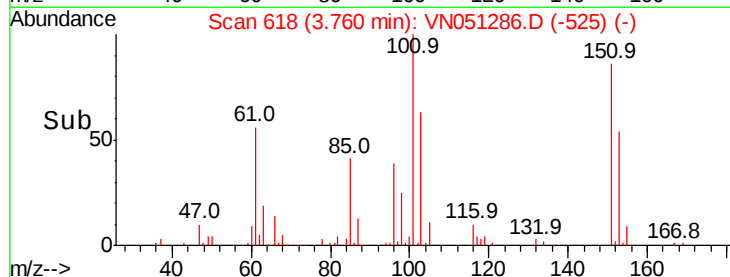
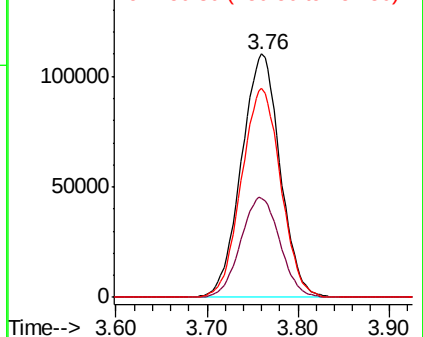
151 87.2 69.8 104.8



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: 47.351 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

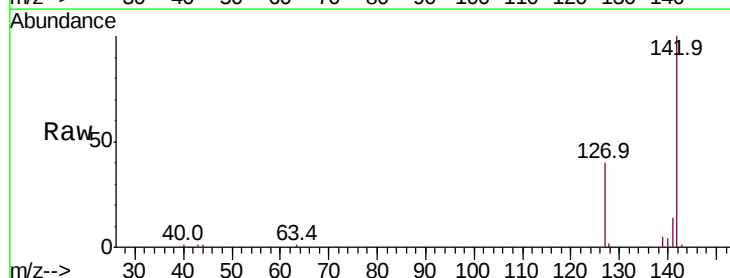
Tgt Ion:142 Resp: 317850

Ion Ratio Lower Upper

142 100

127 39.9 31.7 47.5

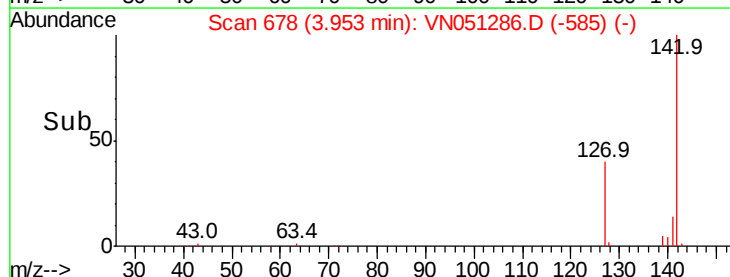
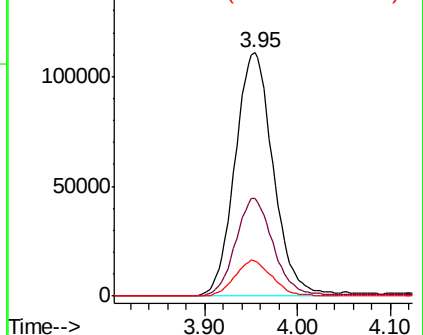
141 14.4 11.6 17.4

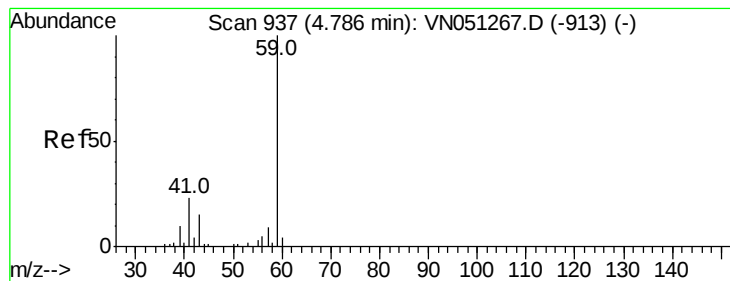


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



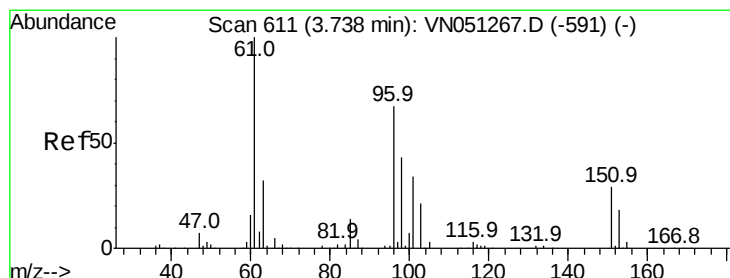
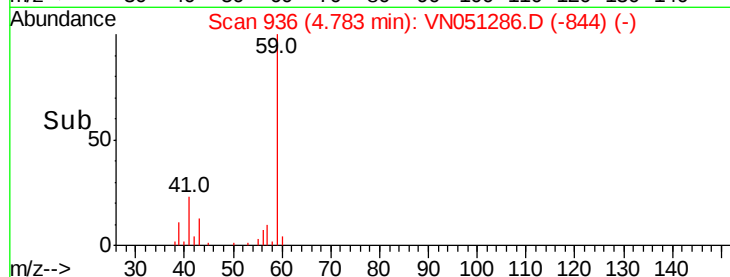
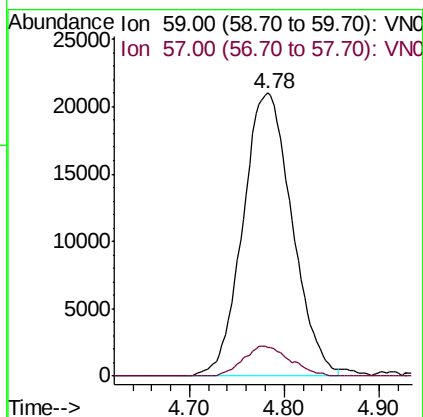
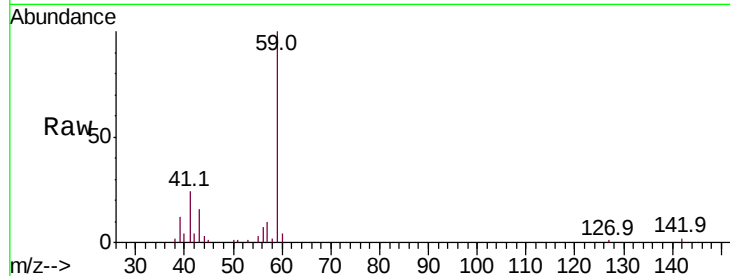


#11

Tert butyl alcohol
 Concen: 211.562 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :

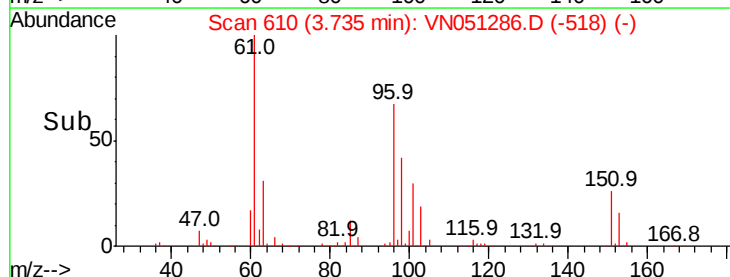
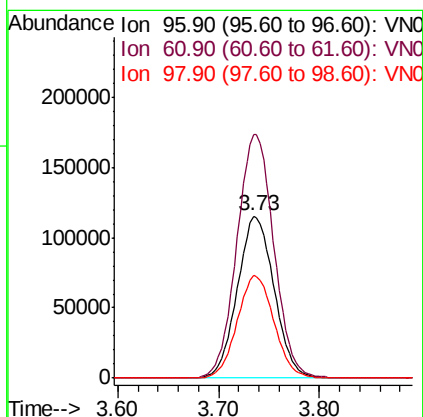
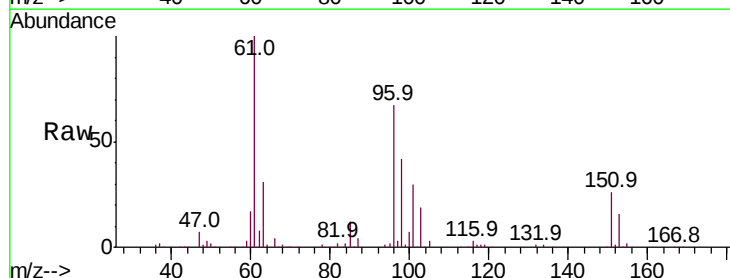
Tot Ion: 59 Resp: 75864
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.9 11.9

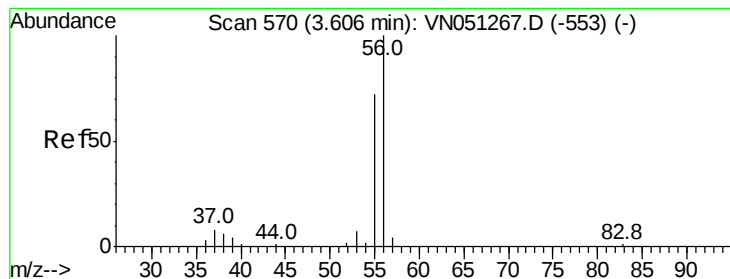


#12

1,1-Dichloroethene
 Concen: 47.961 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 96 Resp: 290994
 Ion Ratio Lower Upper
 96 100
 61 150.2 119.3 178.9
 98 63.3 51.8 77.6





#13

Acrolein

Concen: 173.574 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

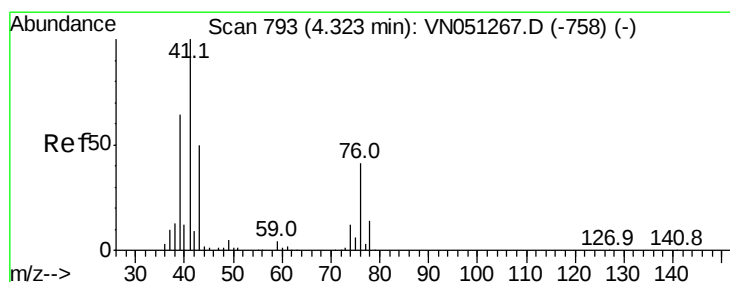
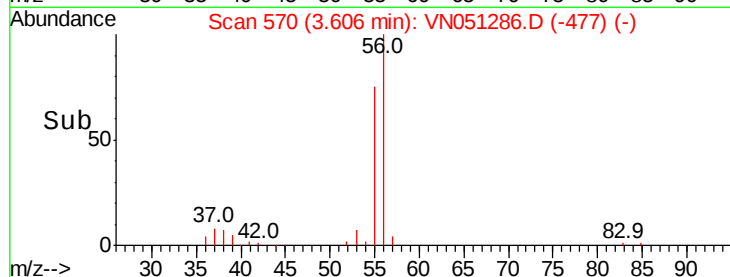
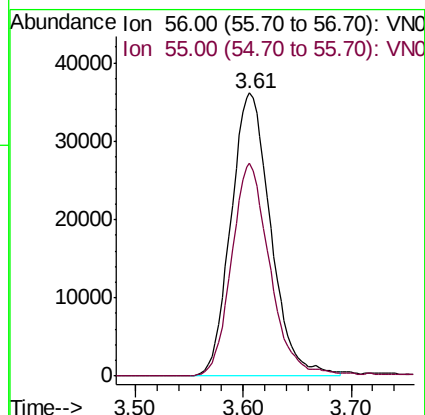
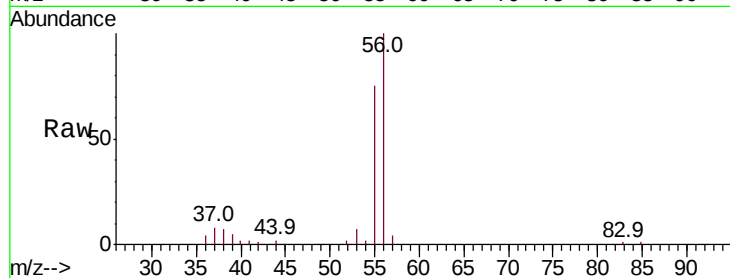
ClientSampled :

Tot Ion: 56 Resp: 92861

Ion Ratio Lower Upper

56 100

55 72.7 56.4 84.6



#14

Allyl chloride

Concen: 48.301 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

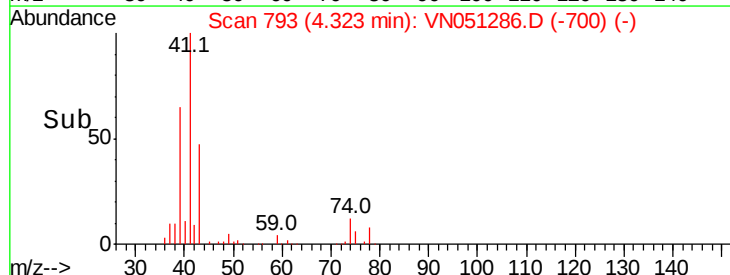
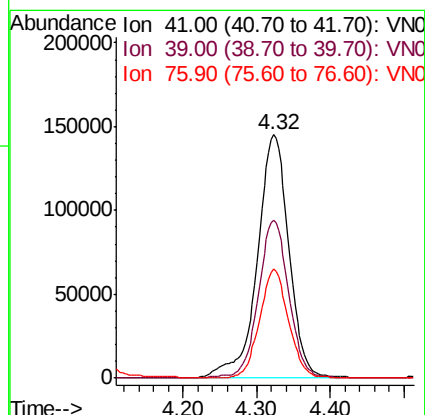
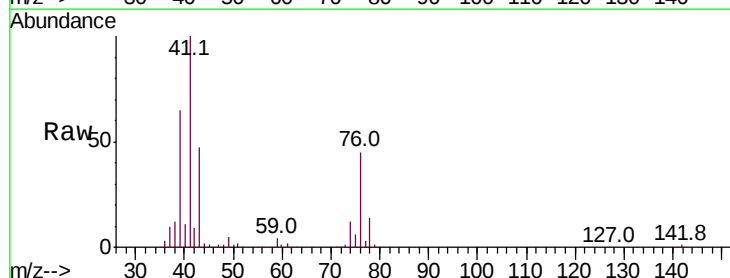
Tgt Ion: 41 Resp: 432602

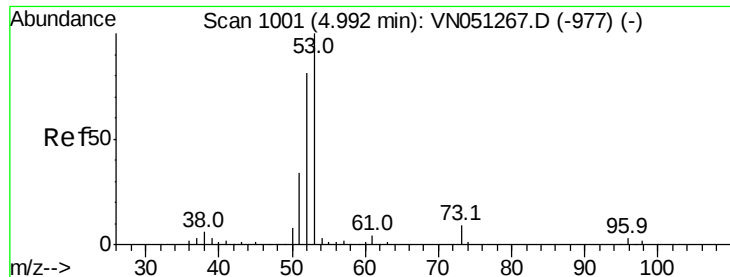
Ion Ratio Lower Upper

41 100

39 62.7 49.0 73.4

76 40.7 31.4 47.0





#15

Acrylonitrile

Concen: 234.550 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

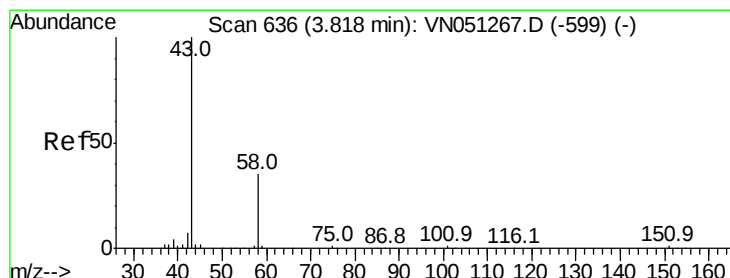
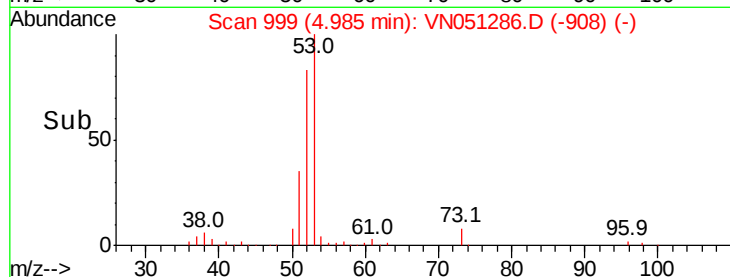
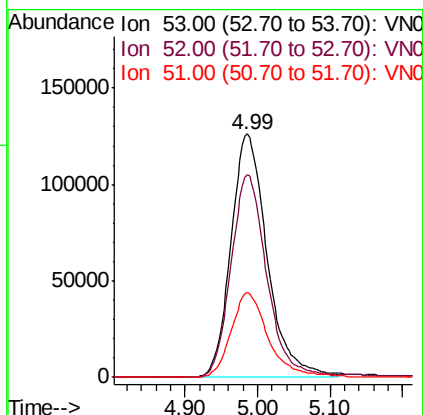
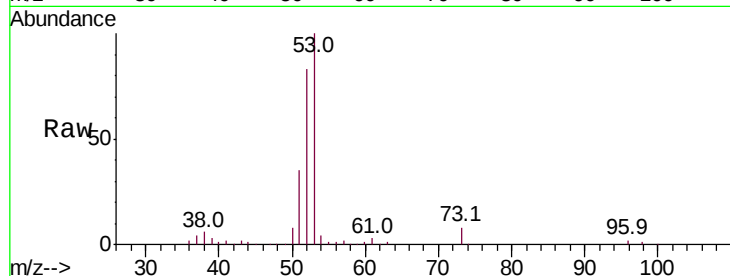
Tot Ion: 53 Resp: 440034

Ion Ratio Lower Upper

53 100

52 83.0 65.0 97.6

51 35.7 28.0 42.0



#16

Acetone

Concen: 243.320 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN051286.D

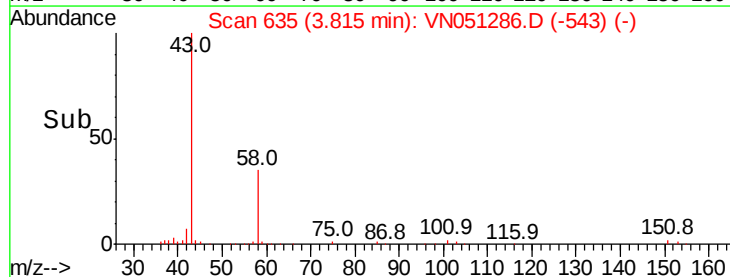
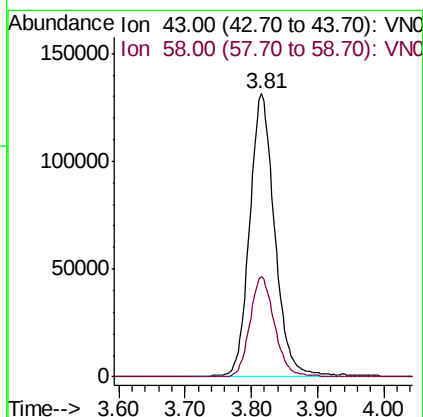
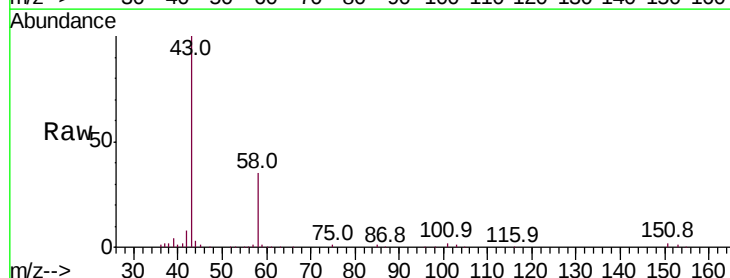
Acq: 18 Sep 2018 8:44

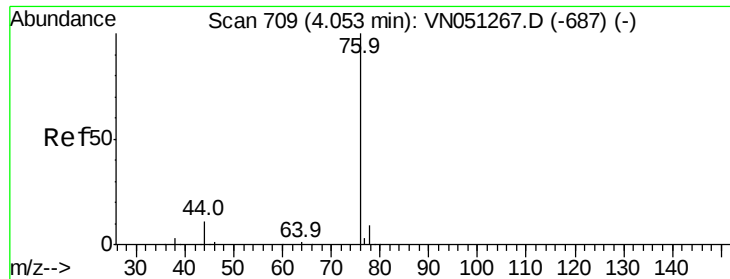
Tgt Ion: 43 Resp: 346134

Ion Ratio Lower Upper

43 100

58 35.1 28.2 42.2

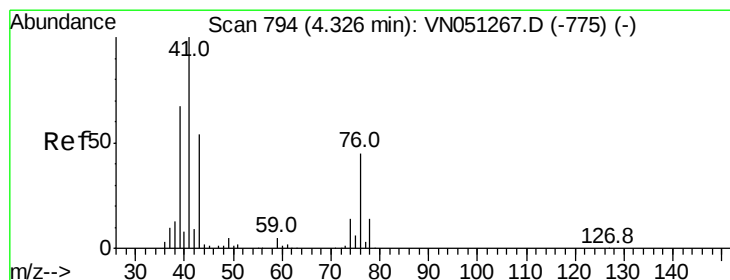
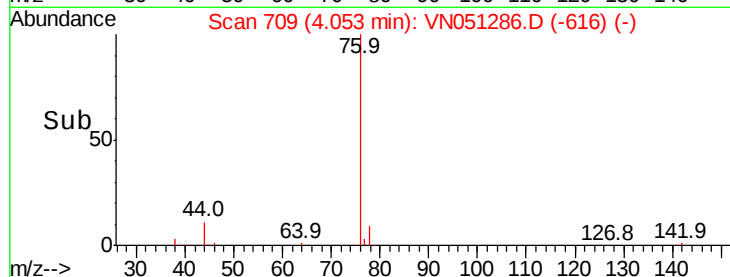
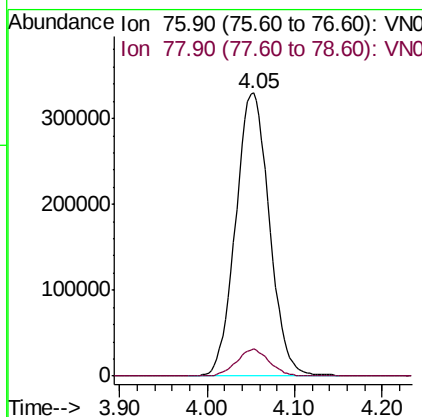
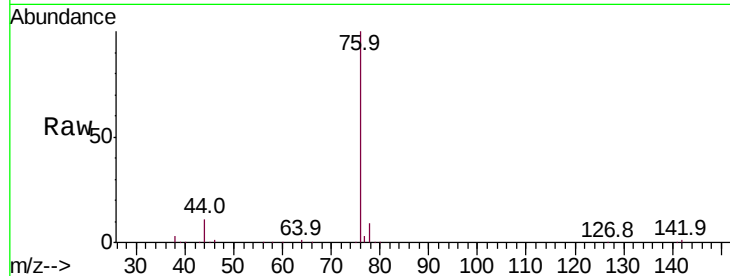




#17
Carbon Disulfide
Concen: 47.404 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

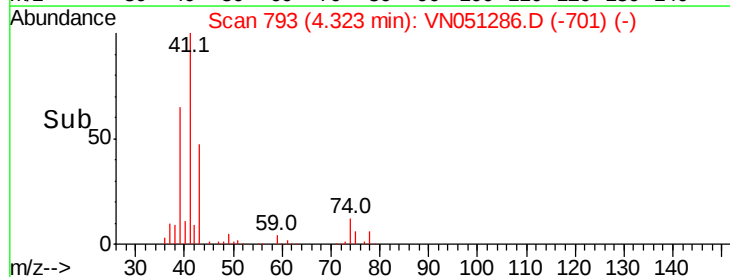
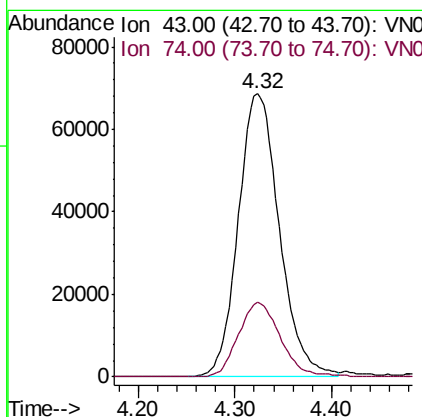
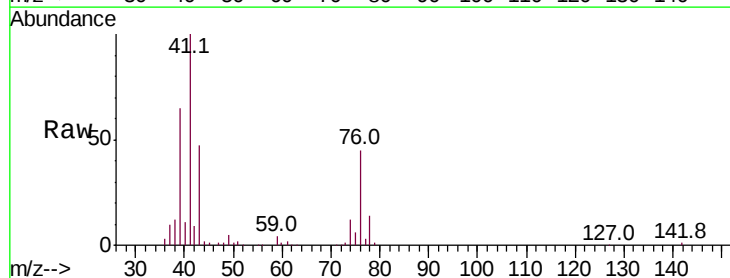
Instrument :
MSVOA_N
ClientSampled :

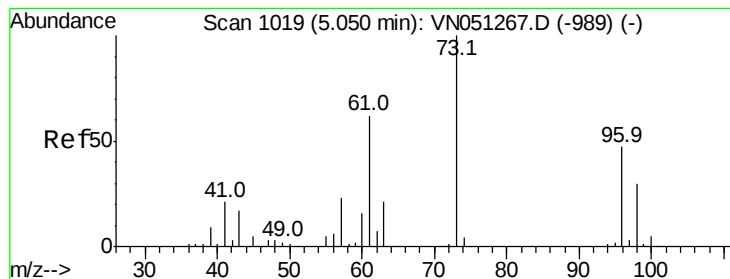
Tot Ion: 76 Resp: 883776
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 45.390 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 43 Resp: 201183
Ion Ratio Lower Upper
43 100
74 26.7 20.8 31.2



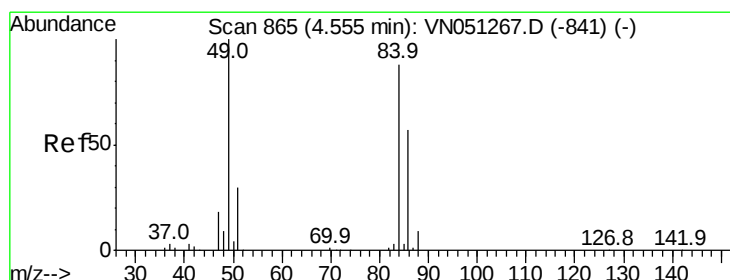
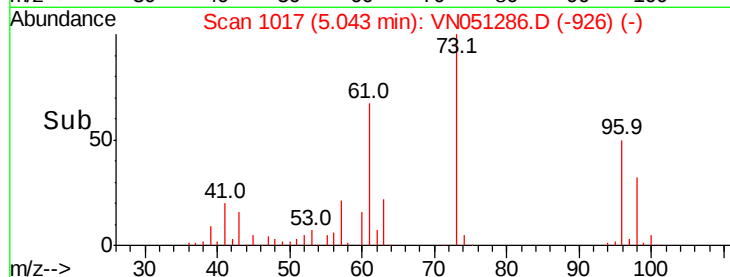
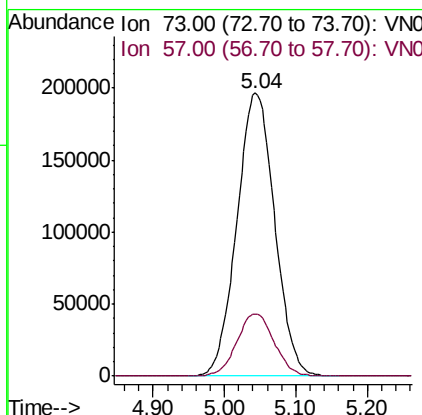
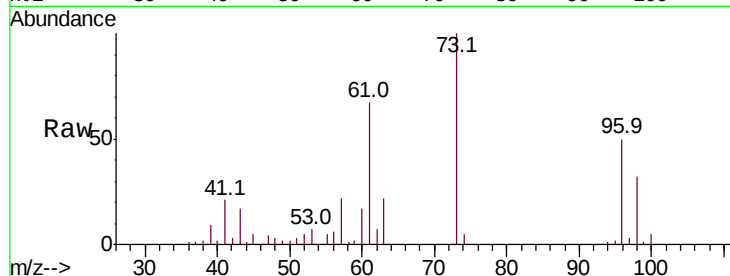


#19

Methyl tert-butyl Ether
 Concen: 49.770 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampled :

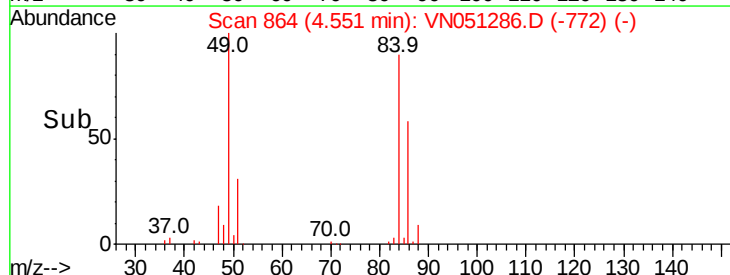
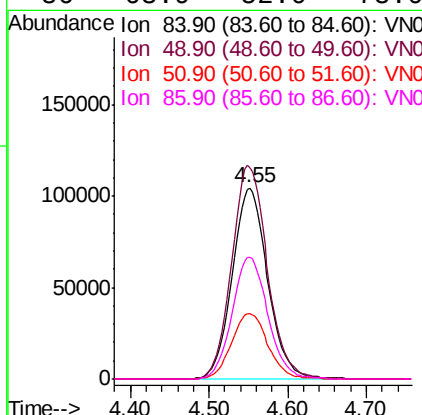
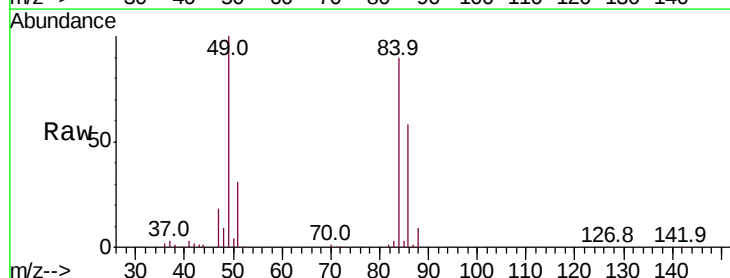
Tot Ion: 73 Resp: 723695
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.1 27.1

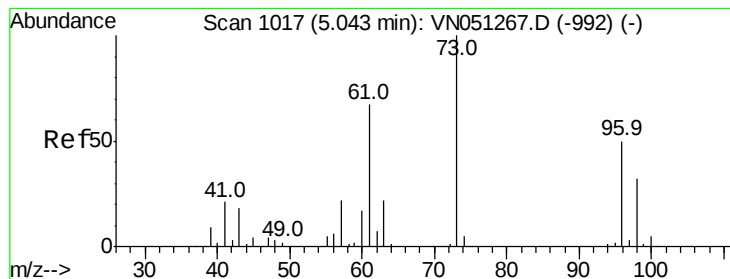


#20

Methylene Chloride
 Concen: 46.095 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 84 Resp: 328530
 Ion Ratio Lower Upper
 84 100
 49 110.5 91.2 136.8
 51 34.4 27.7 41.5
 86 63.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.239 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

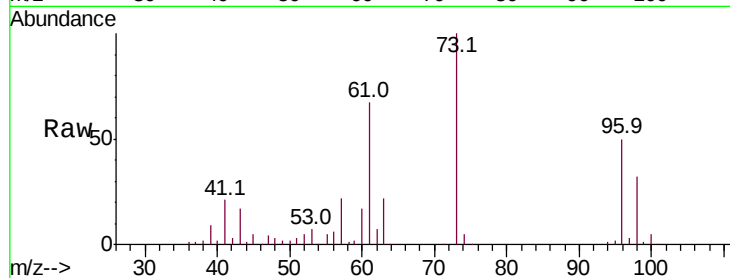
Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 314197

Ion	Ratio	Lower	Upper
96	100		
61	133.8	106.7	160.1
98	64.9	51.4	77.0

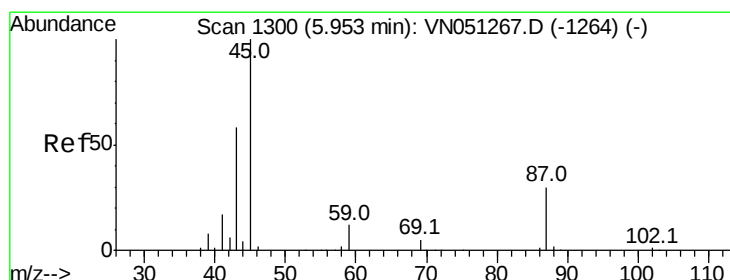
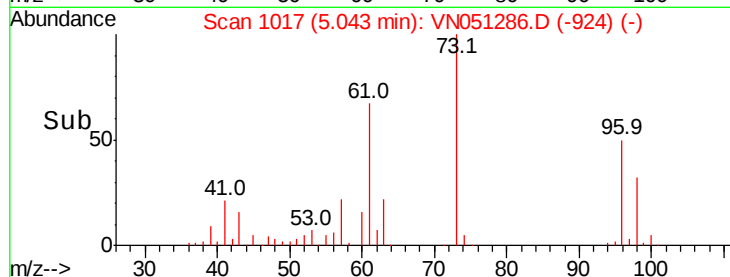
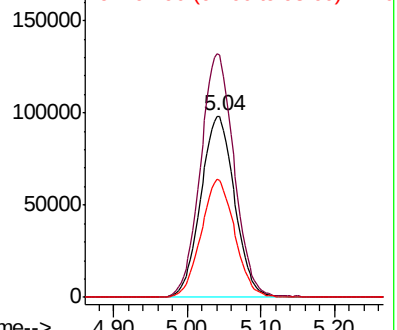


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 51.243 ug/l

RT: 5.95 min Scan# 1299

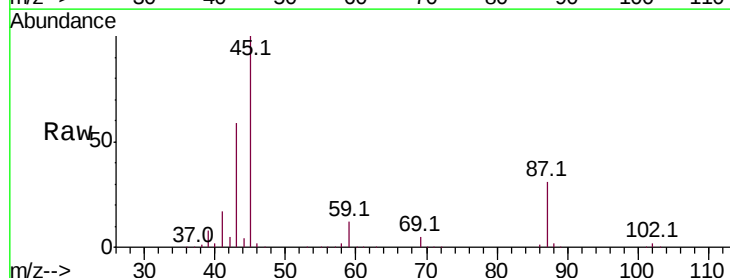
Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Tgt Ion: 45 Resp: 888970

Ion	Ratio	Lower	Upper
45	100		
43	58.2	46.7	70.1
87	31.2	24.6	36.8
59	11.8	9.6	14.4



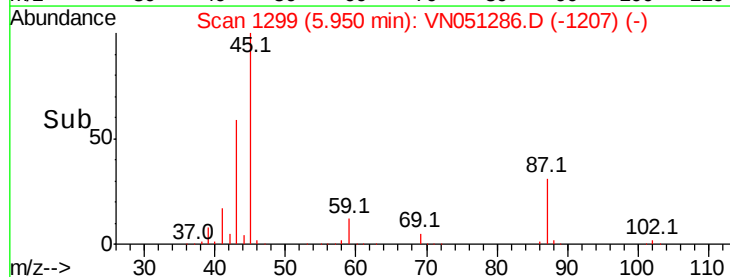
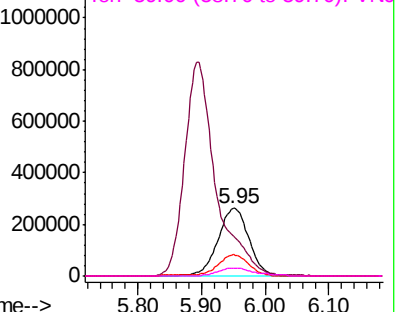
Abundance

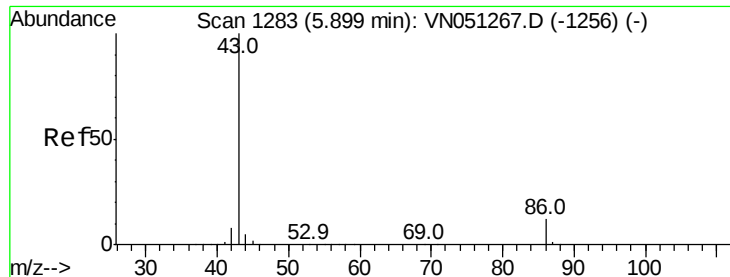
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 252.791 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

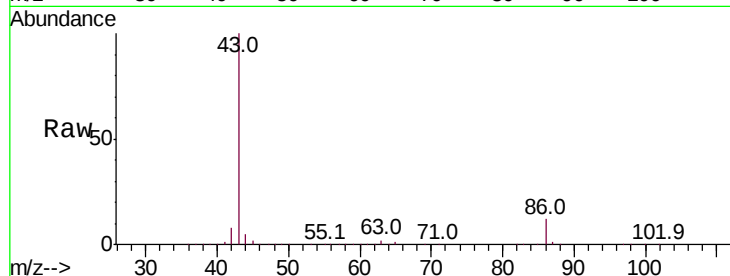
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2841506

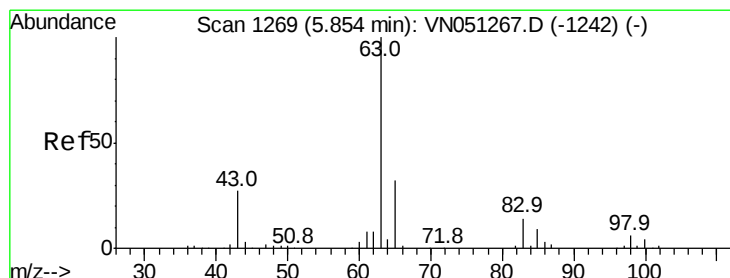
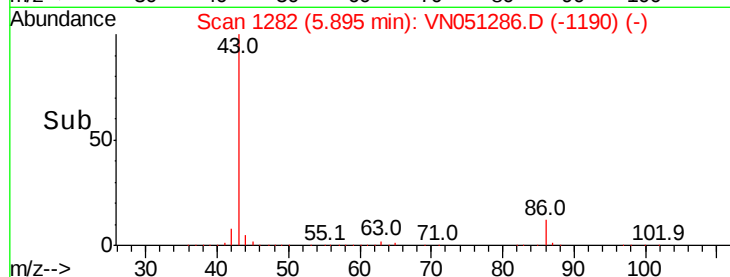
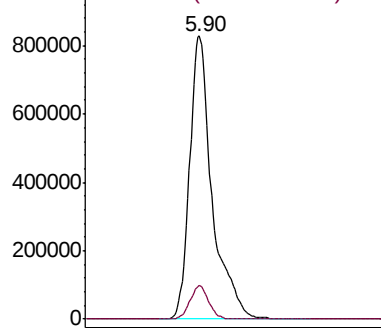
Ion Ratio Lower Upper

43 100

86 11.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 86.00 (85.70 to 86.70): VNC



#24

1,1-Dichloroethane

Concen: 48.475 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

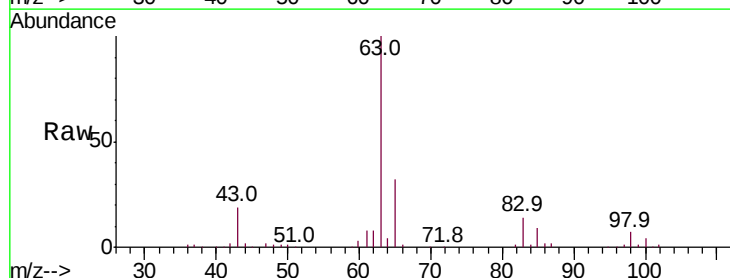
Tgt Ion: 63 Resp: 562227

Ion Ratio Lower Upper

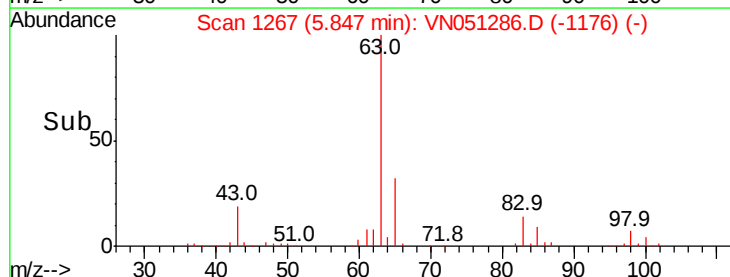
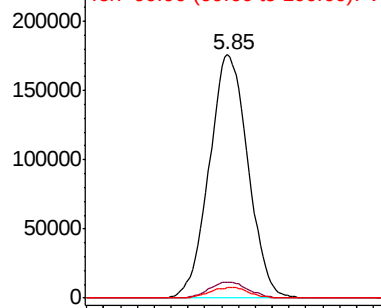
63 100

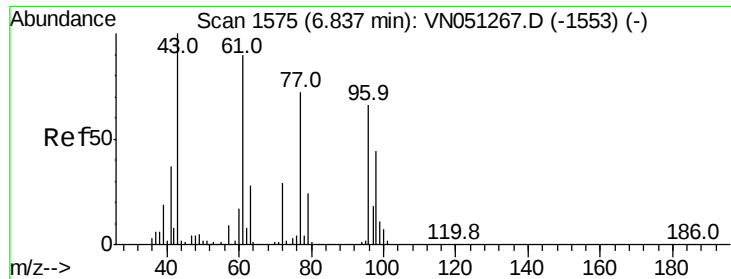
98 6.5 3.3 9.8

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VNC
Ion 97.90 (97.60 to 98.60): VNC
Ion 99.90 (99.60 to 100.60): VNC

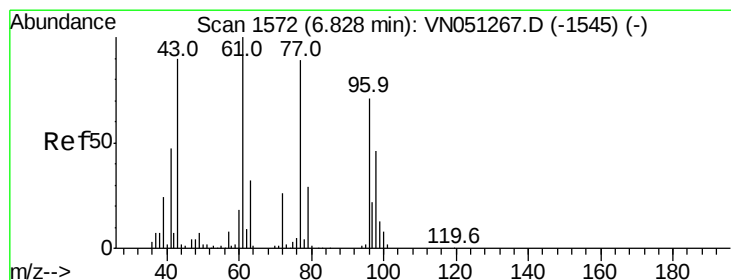
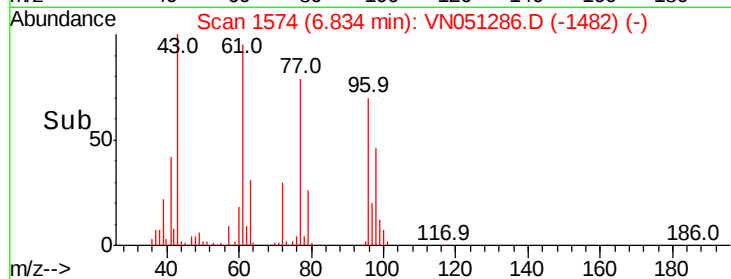
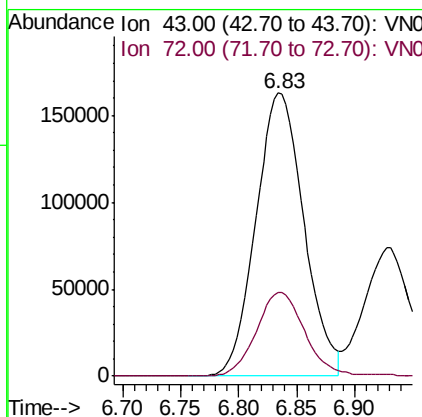
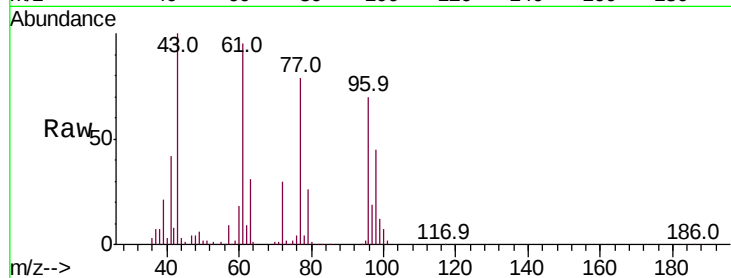




#25
 2-Butanone
 Concen: 224.863 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

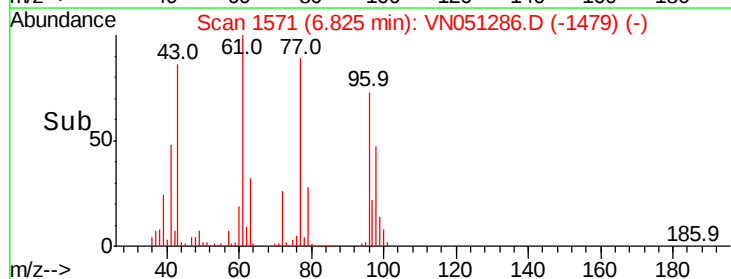
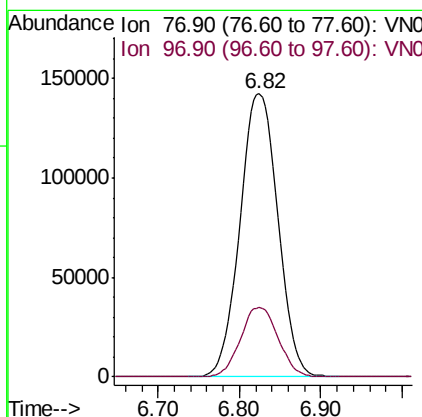
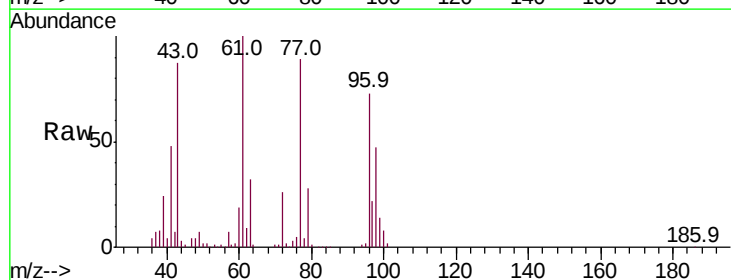
Instrument :
 MSVOA_N
 ClientSampled :

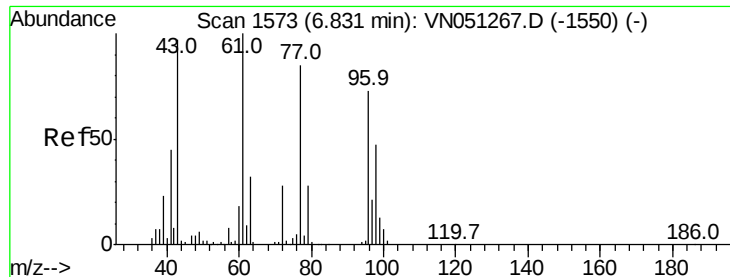
Tot Ion: 43 Resp: 469064
 Ion Ratio Lower Upper
 43 100
 72 29.7 23.4 35.0



#26
 2,2-Dichloropropane
 Concen: 48.487 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 77 Resp: 457352
 Ion Ratio Lower Upper
 77 100
 97 24.4 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 48.899 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :

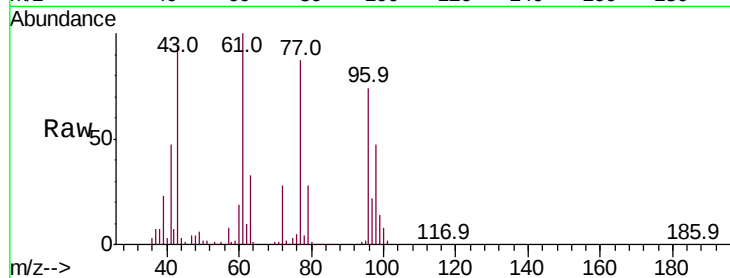
Tot Ion: 96 Resp: 347442

Ion Ratio Lower Upper

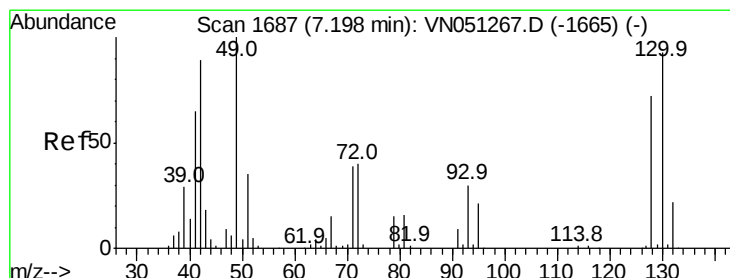
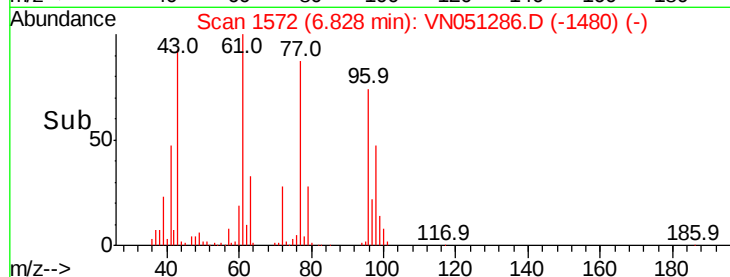
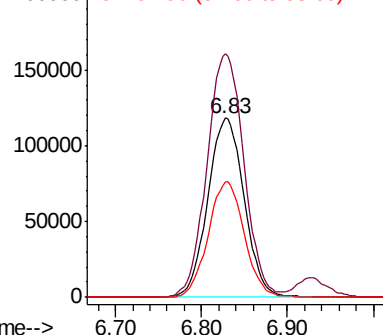
96 100

61 137.7 0.0 276.2

98 64.3 0.0 129.2



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



#28

Bromochloromethane

Concen: 48.644 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

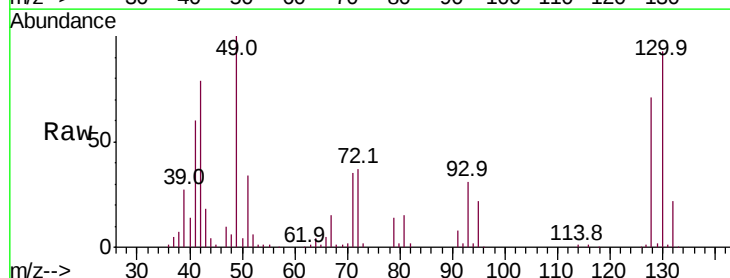
Tgt Ion: 49 Resp: 248464

Ion Ratio Lower Upper

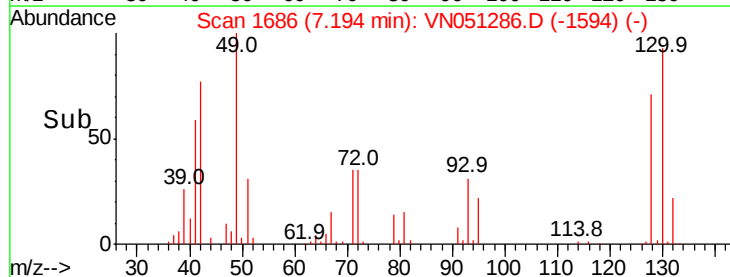
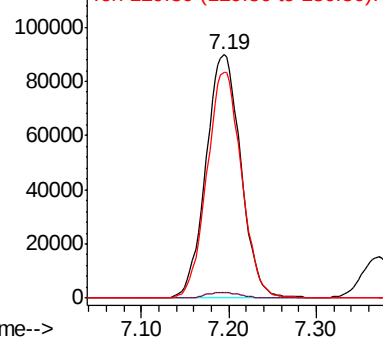
49 100

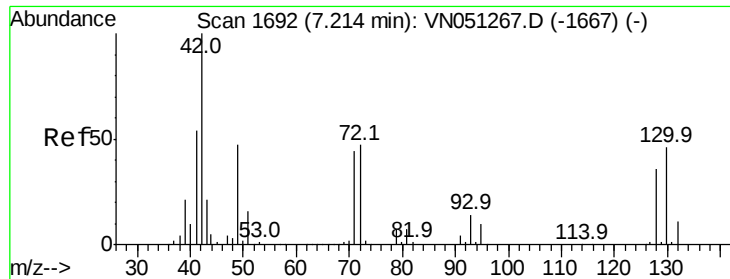
129 2.2 0.0 4.6

130 91.9 73.7 110.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

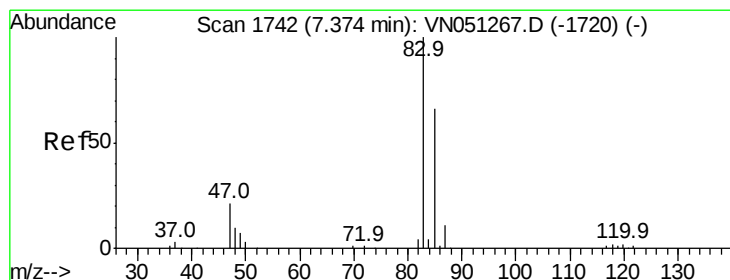
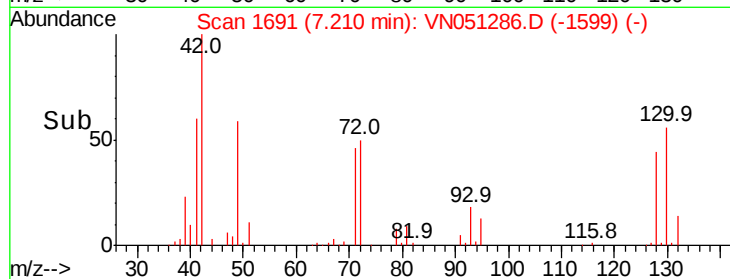
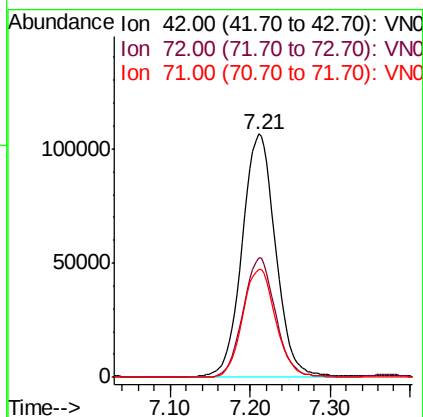
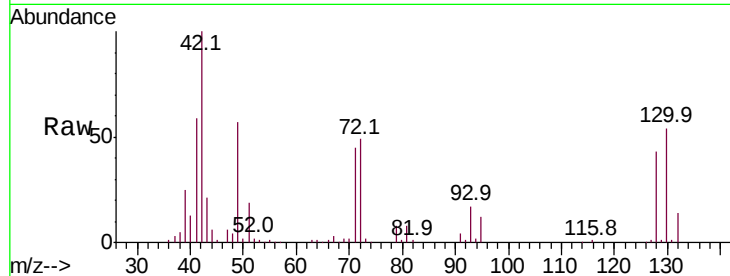




#29
Tetrahydrofuran
Concen: 233.070 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

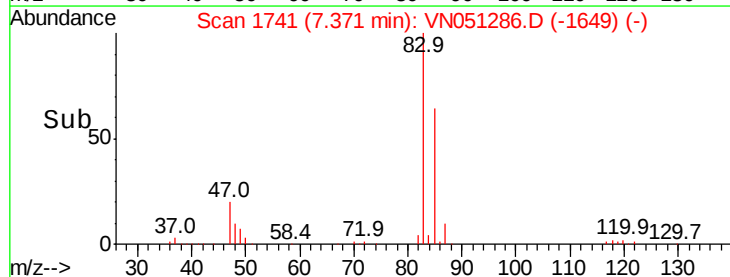
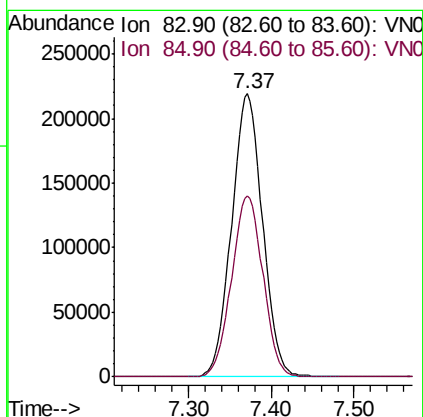
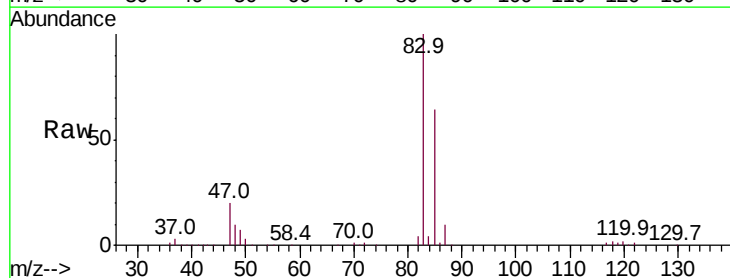
Instrument :
MSVOA_N
ClientSampled :

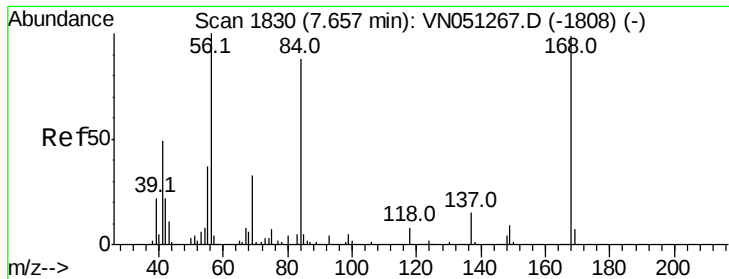
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.6	56.4
71	44.3	35.4	53.2



#30
Chloroform
Concen: 48.058 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.4	78.6





#31

Cyclohexane

Concen: 48.538 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.01 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :

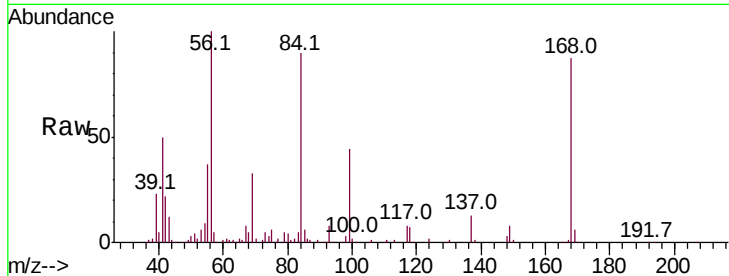
Tot Ion: 56 Resp: 509763

Ion Ratio Lower Upper

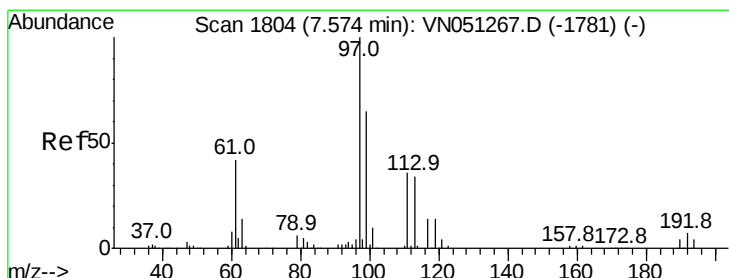
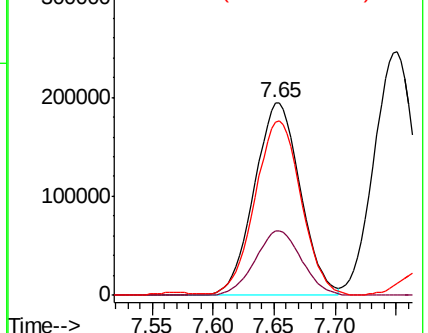
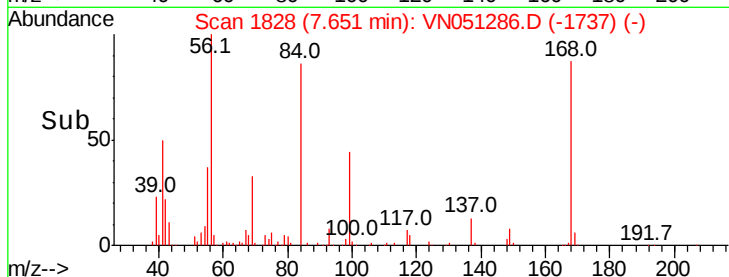
56 100

69 33.3 26.2 39.2

84 89.0 70.6 106.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 48.691 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

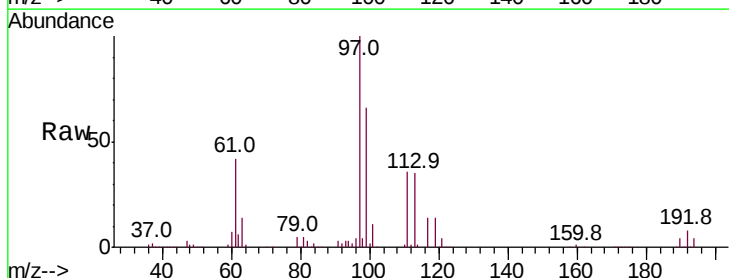
Tgt Ion: 97 Resp: 494945

Ion Ratio Lower Upper

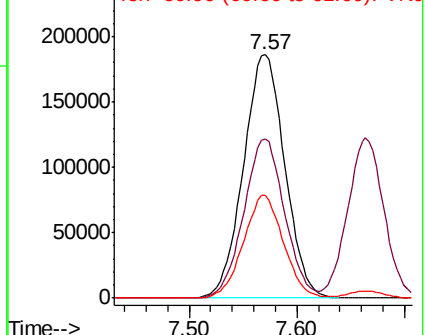
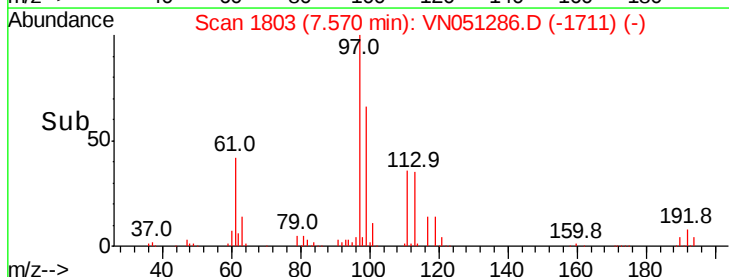
97 100

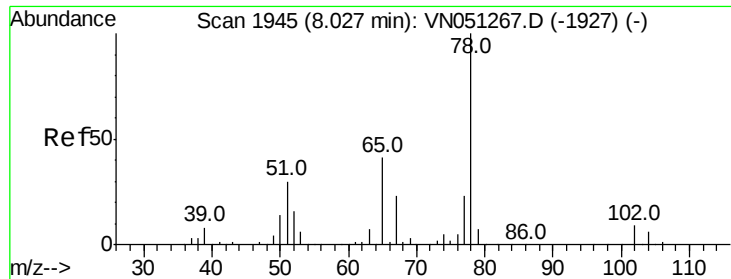
99 64.5 51.6 77.4

61 40.9 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

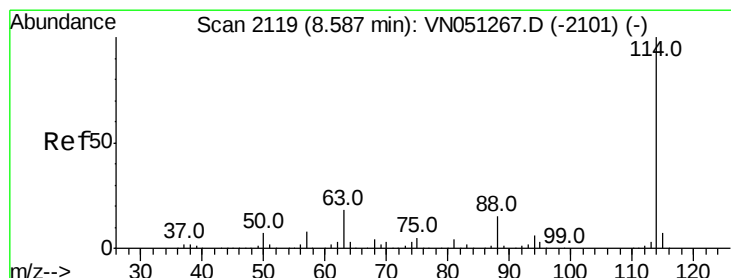
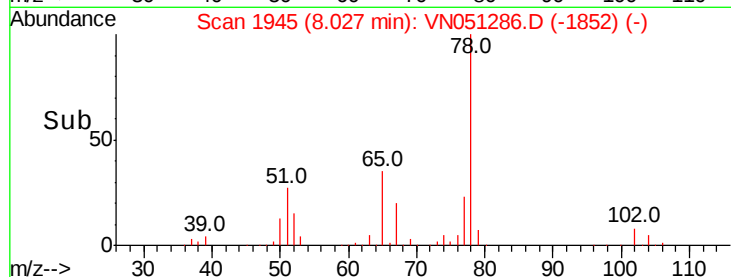
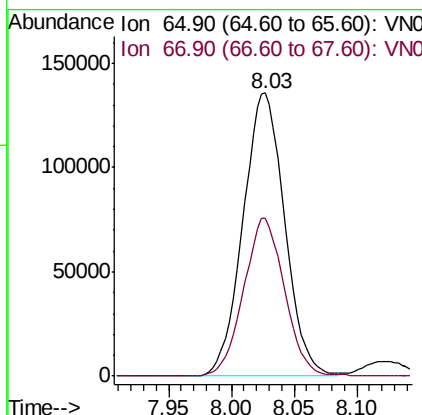
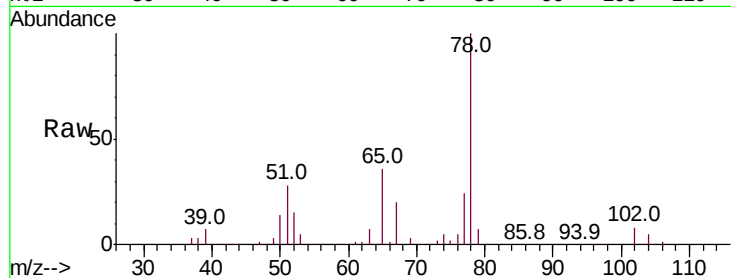




#33
 1,2-Dichloroethane-d4
 Concen: 48.212 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

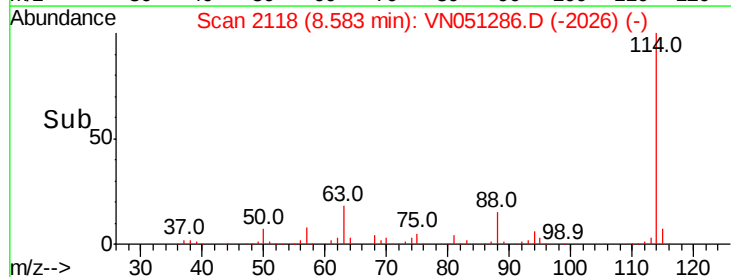
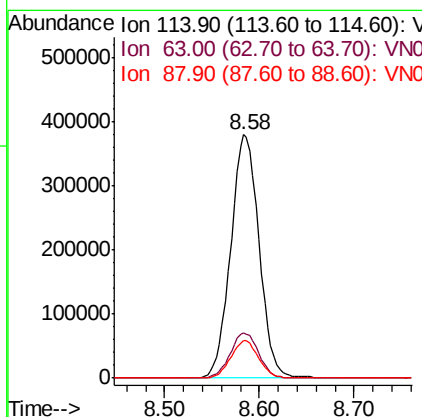
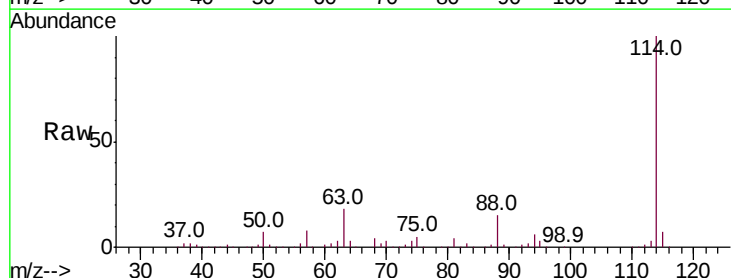
Instrument :
 MSVOA_N
 ClientSampleId :

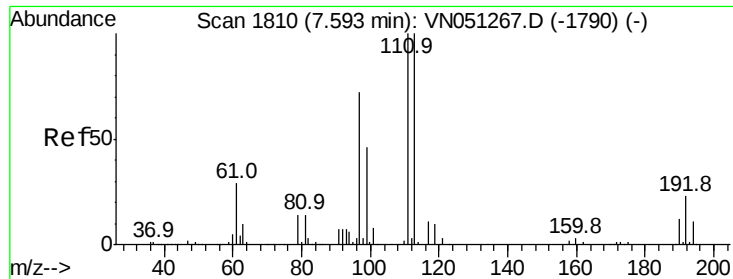
Tot Ion: 65 Resp: 313952
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 114 Resp: 792676
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.2 0.0 30.8

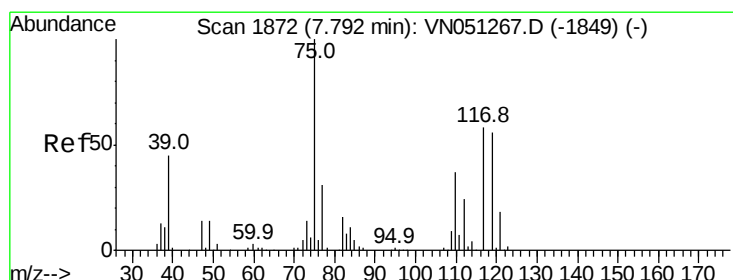
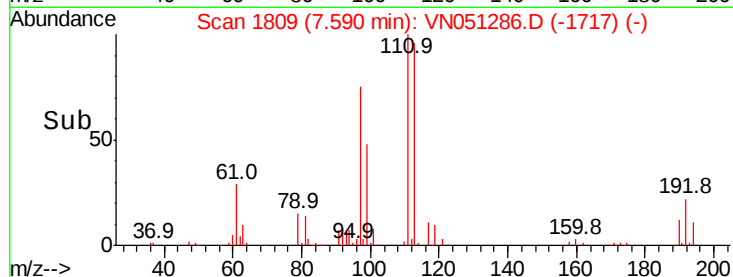
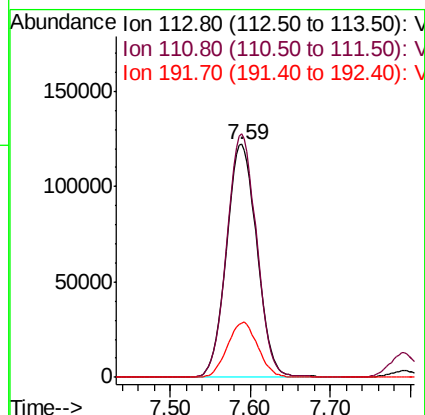
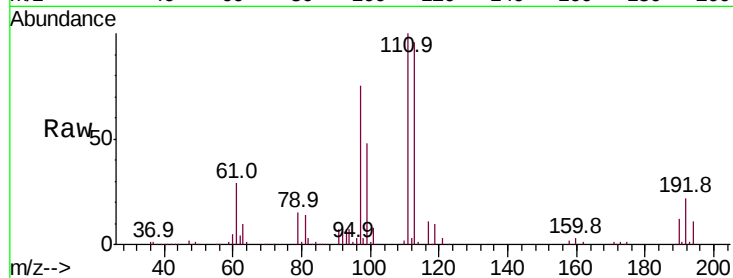




#35
 Dibromofluoromethane
 Concen: 51.487 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

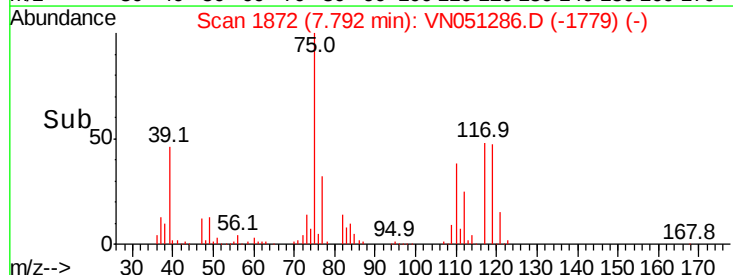
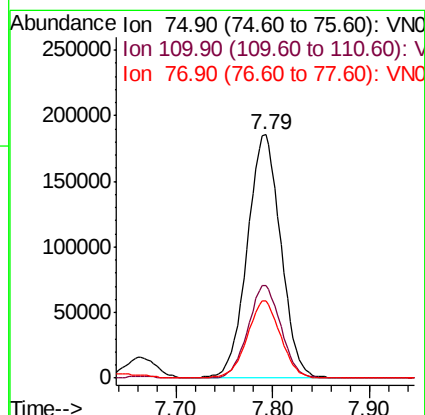
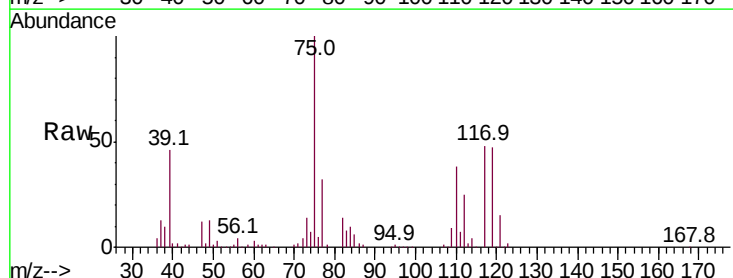
Instrument :
 MSVOA_N
 ClientSampleId :

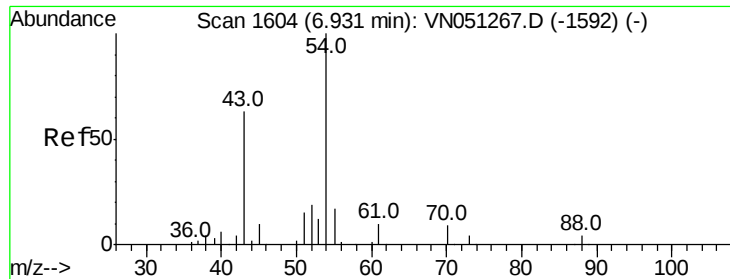
Tot Ion:113 Resp: 317146
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 23.6 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 51.744 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 75 Resp: 443986
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.6 56.0
 77 31.8 24.7 37.1

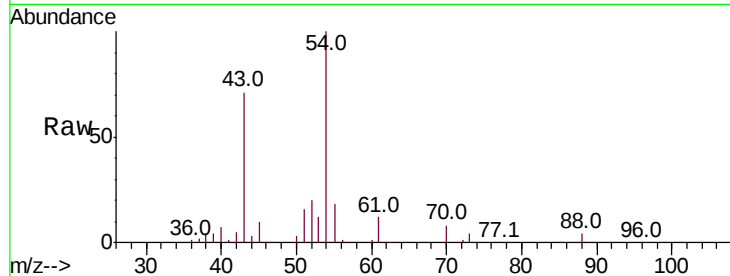




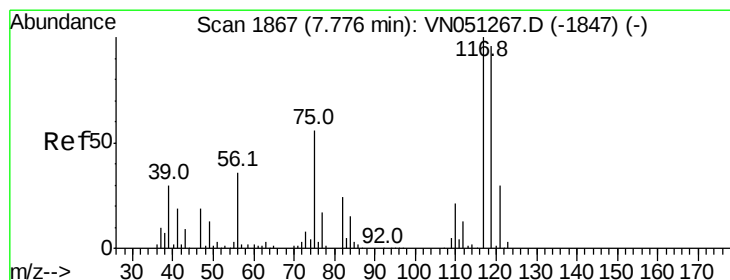
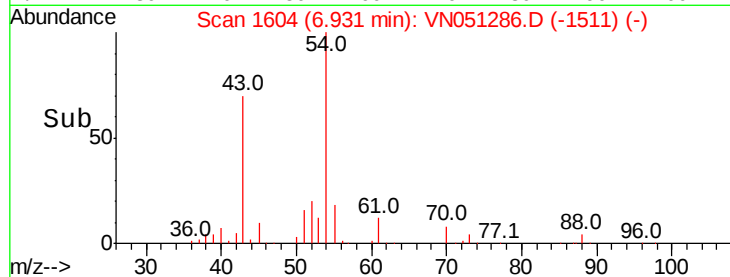
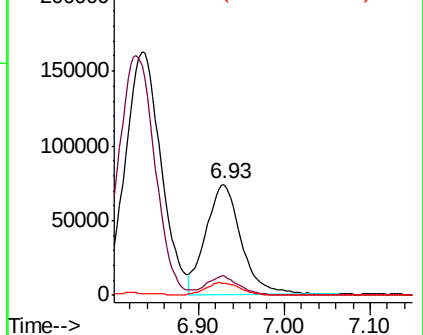
#37
Ethyl Acetate
Concen: 48.107 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 212214
Ion Ratio Lower Upper
43 100
61 15.7 12.3 18.5
70 11.1 9.4 14.0

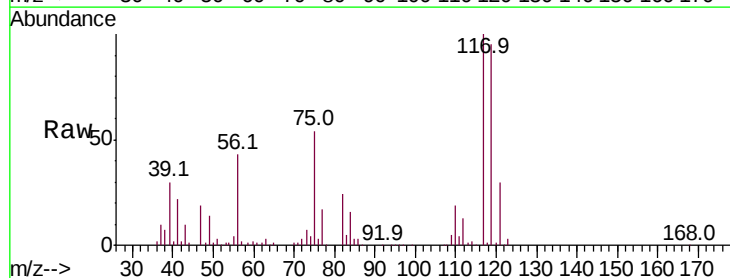


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

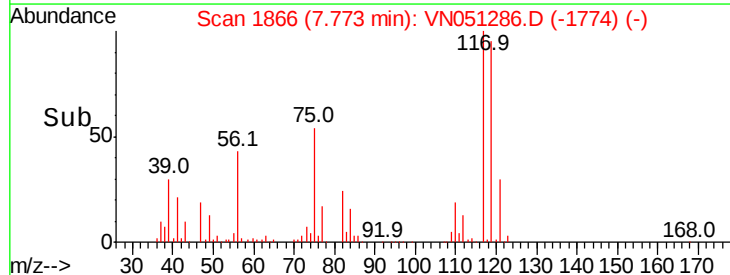
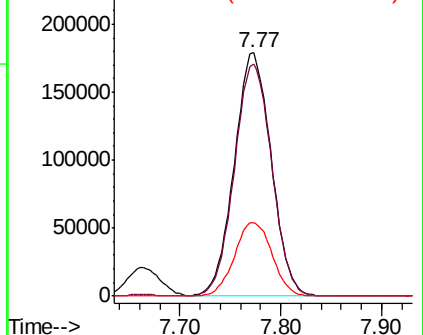


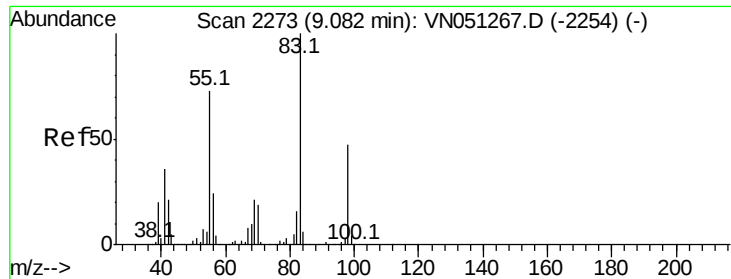
#38
Carbon Tetrachloride
Concen: 50.942 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 117 Resp: 455802
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2
121 30.2 24.2 36.2



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

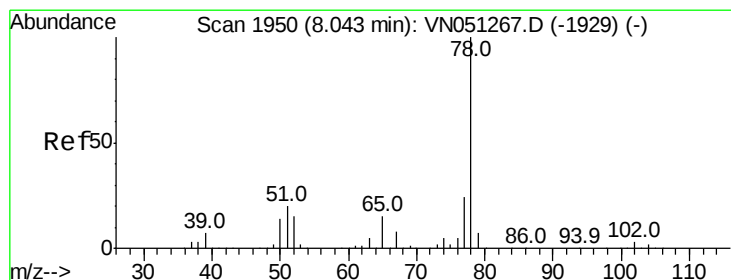
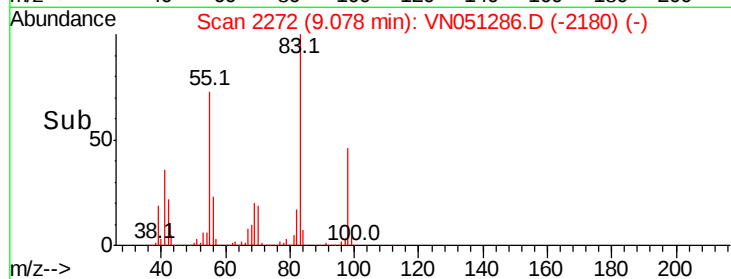
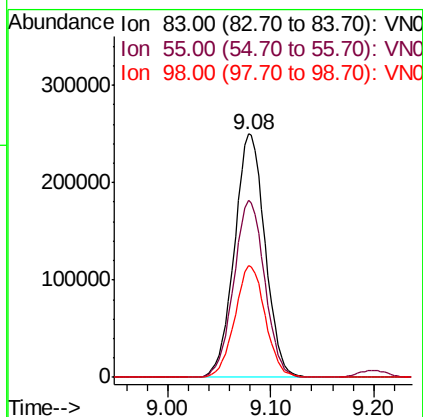
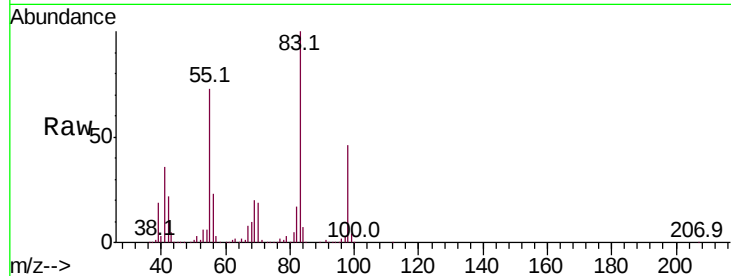




#39
Methvlcvclohexane
Concen: 55.370 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

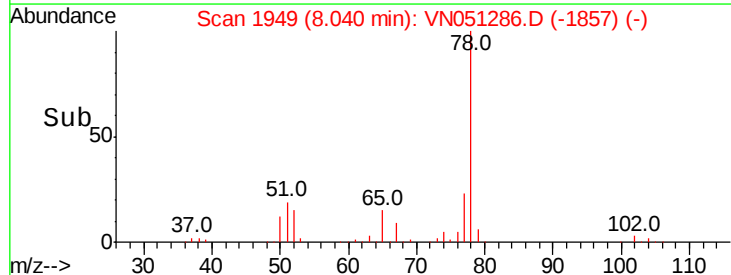
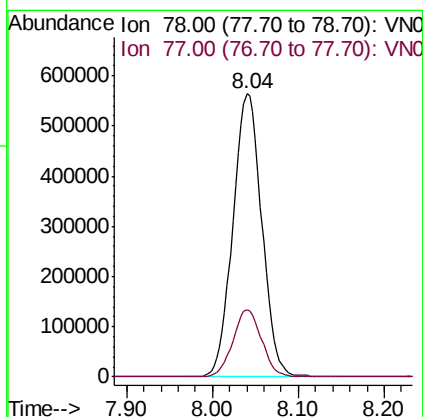
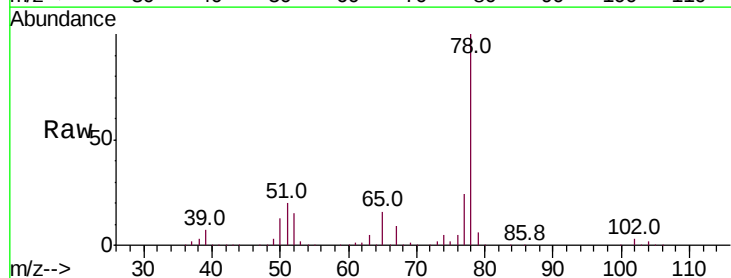
Instrument :
MSVOA_N
ClientSampleId :

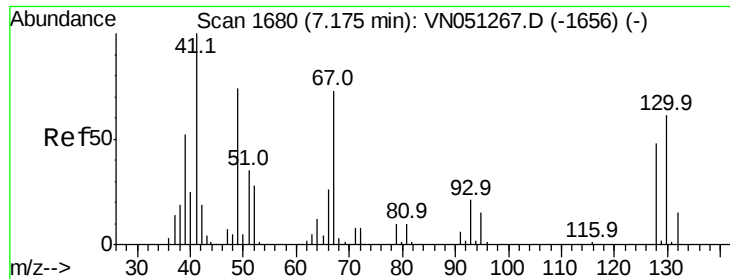
Tot Ion: 83 Resp: 516106
Ion Ratio Lower Upper
83 100
55 72.7 58.7 88.1
98 46.0 37.3 55.9



#40
Benzene
Concen: 51.494 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 78 Resp: 1314669
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 54.167 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 122609

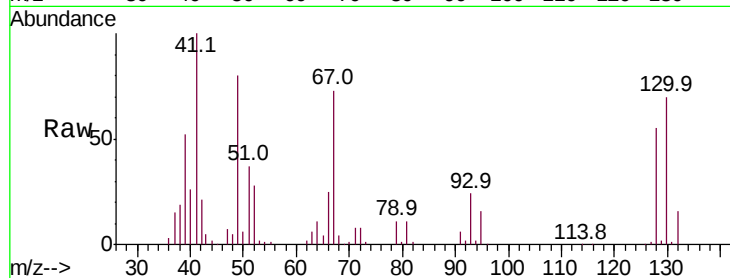
Ion Ratio Lower Upper

41 100

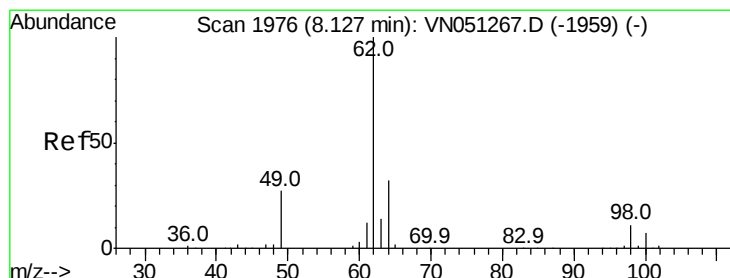
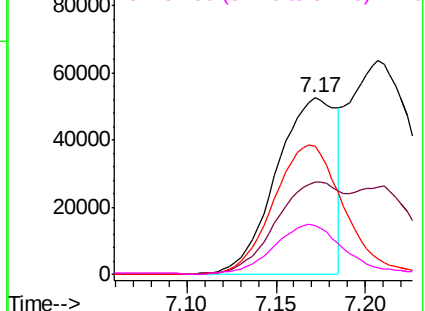
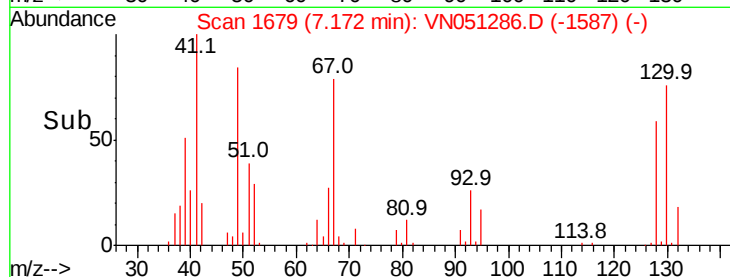
39 56.4 47.8 71.6

67 86.3 69.8 104.6

52 33.6 26.6 40.0



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



#42

1,2-Dichloroethane

Concen: 50.032 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN051286.D

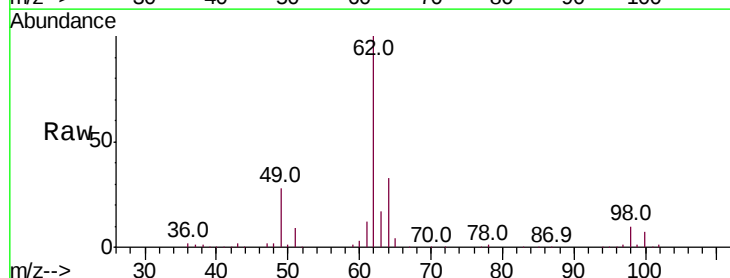
Acq: 18 Sep 2018 8:44

Tgt Ion: 62 Resp: 375583

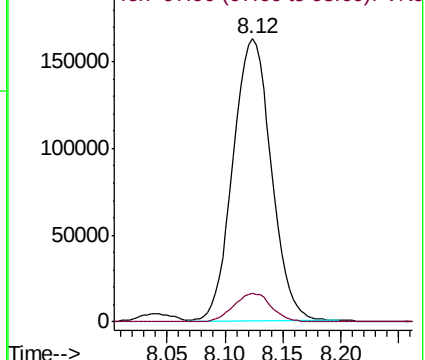
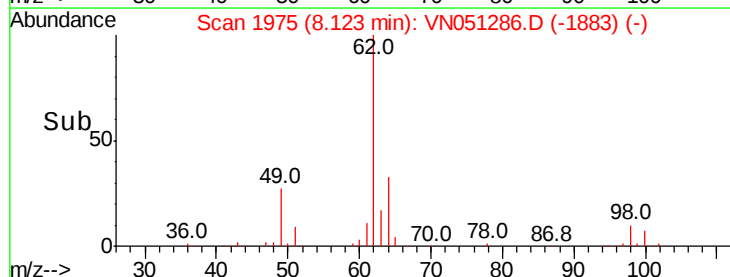
Ion Ratio Lower Upper

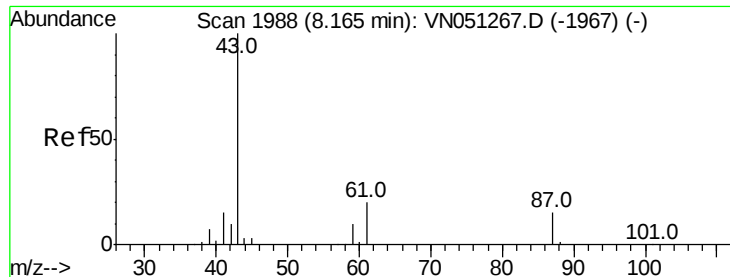
62 100

98 10.0 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 49.667 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :

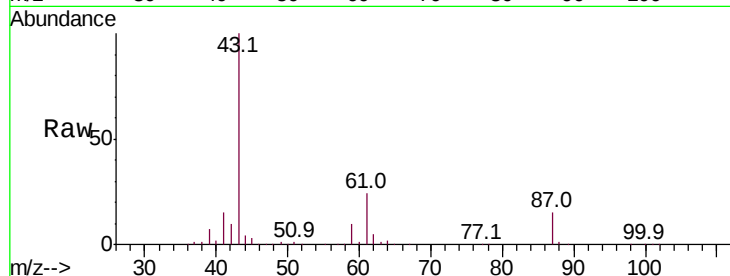
Tot Ion: 43 Resp: 379086

Ion Ratio Lower Upper

43 100

61 32.5 17.4 26.2#

87 14.9 12.2 18.4



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051267.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051267.D (-1967) (-)

8.16

200000

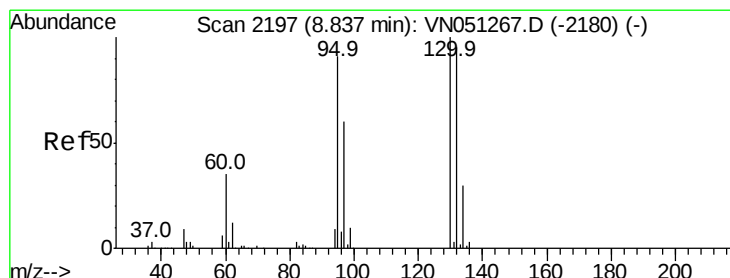
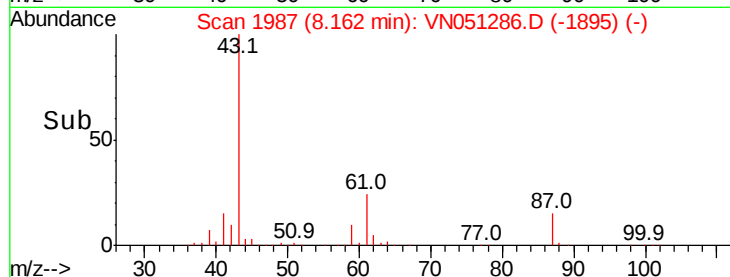
150000

100000

50000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 50.722 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051286.D

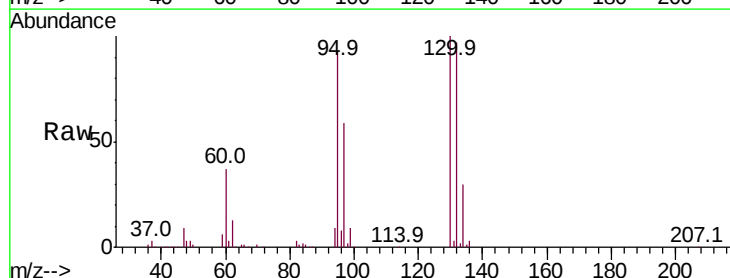
Acq: 18 Sep 2018 8:44

Tgt Ion:130 Resp: 364018

Ion Ratio Lower Upper

130 100

95 93.0 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN051267.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051267.D (-2180) (-)

8.83

200000

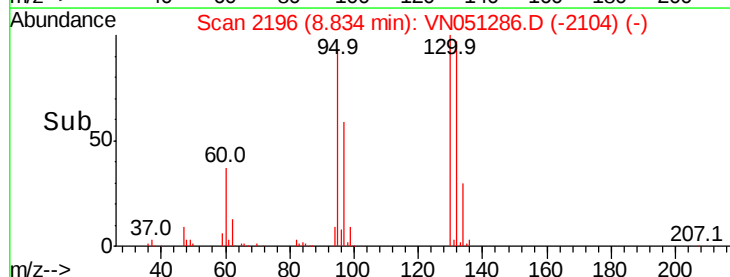
150000

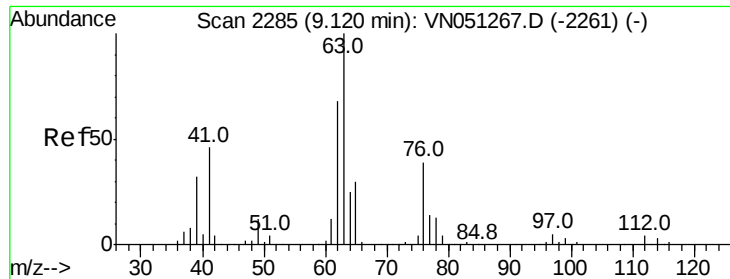
100000

50000

0

Time--> 8.80 8.90





#45

1,2-Dichloropropane

Concen: 51.944 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

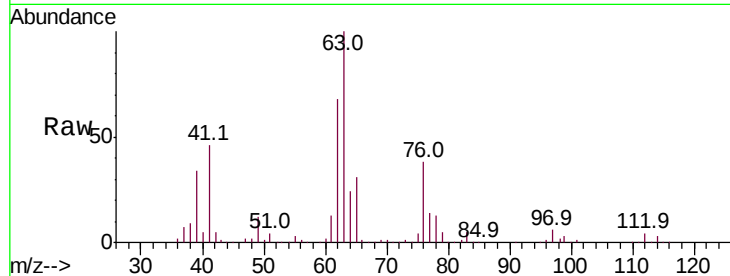
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 336216

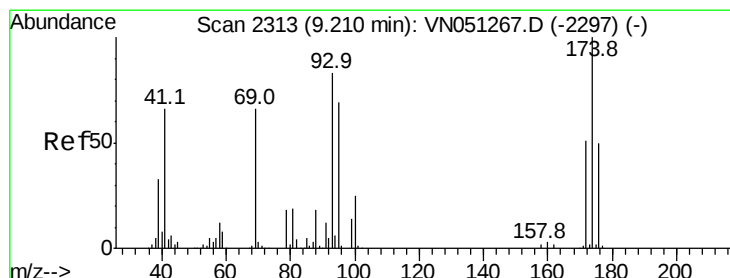
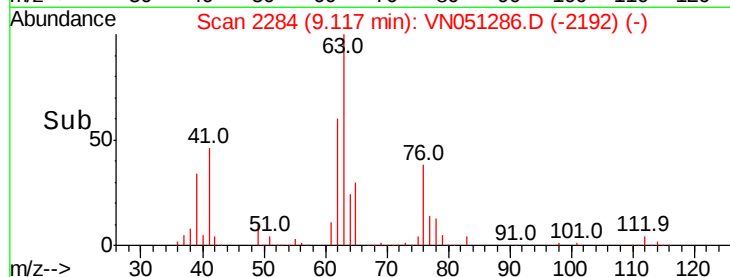
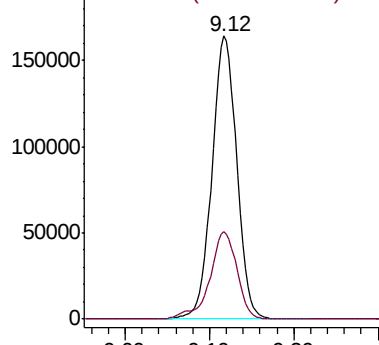
Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 49.728 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

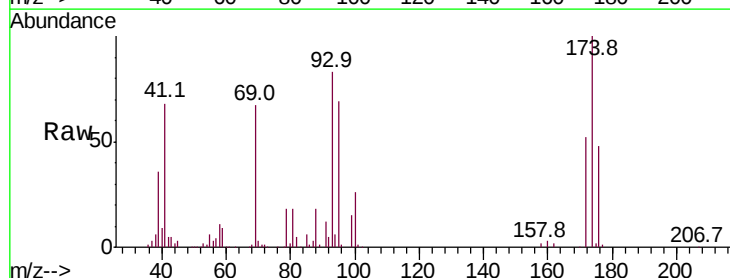
Tgt Ion: 93 Resp: 196065

Ion Ratio Lower Upper

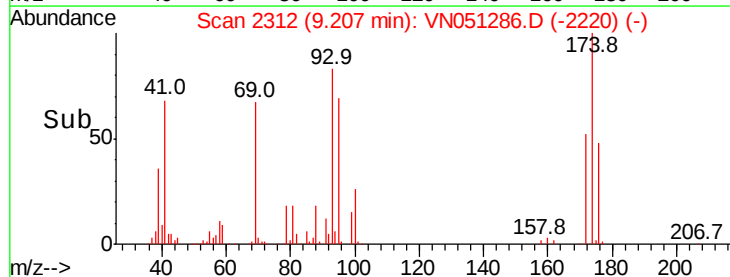
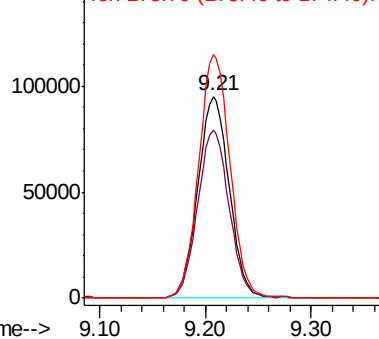
93 100

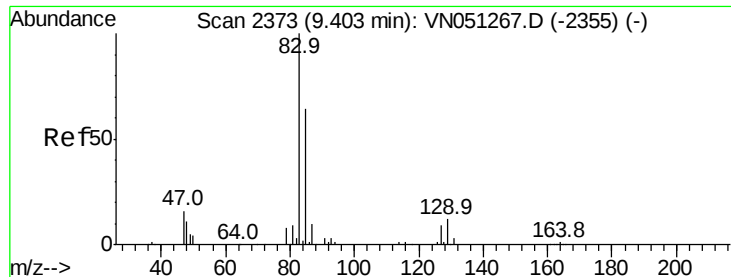
95 83.4 66.6 100.0

174 120.6 95.6 143.4



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.413 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampled :

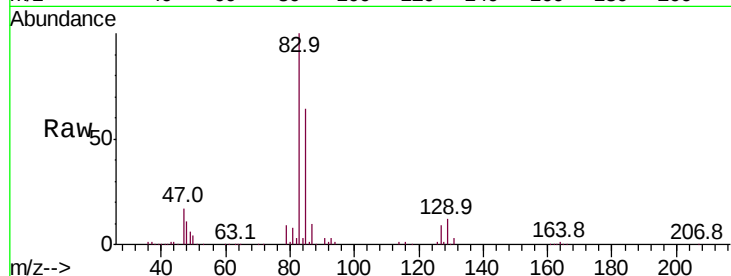
Tot Ion: 83 Resp: 432065

Ion Ratio Lower Upper

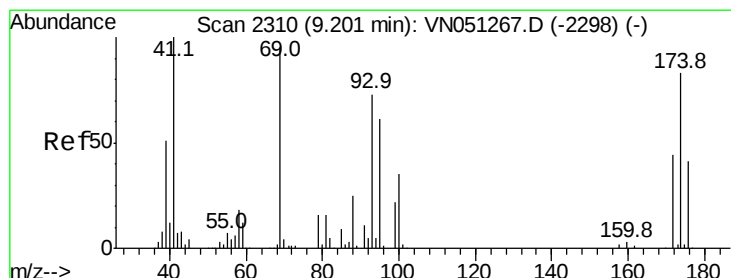
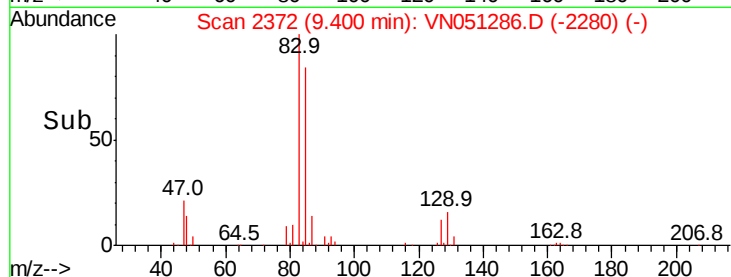
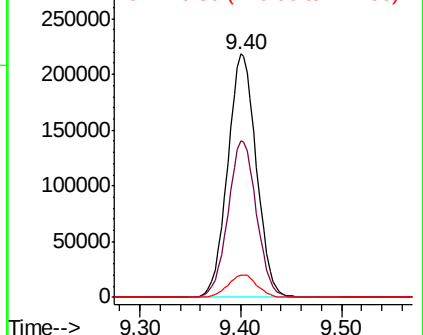
83 100

85 64.2 51.0 76.4

127 9.3 7.1 10.7



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



#48

Methyl methacrylate

Concen: 50.924 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

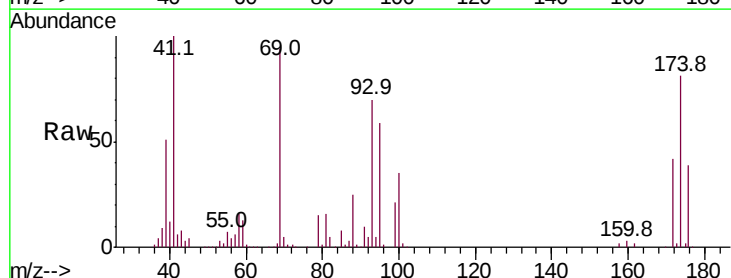
Tgt Ion: 41 Resp: 187189

Ion Ratio Lower Upper

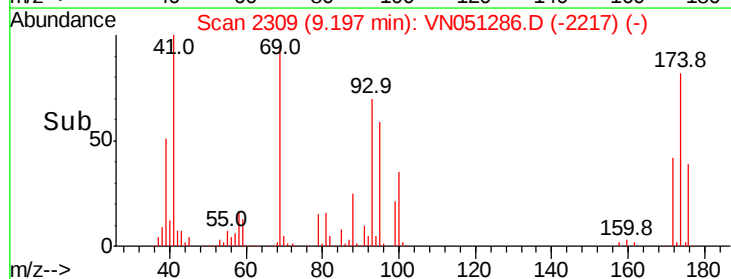
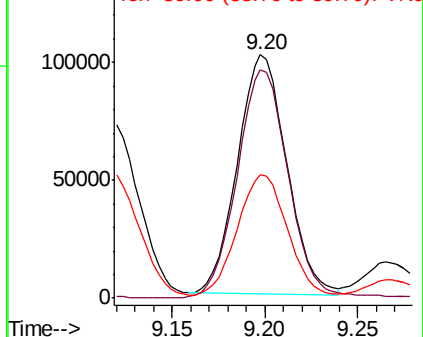
41 100

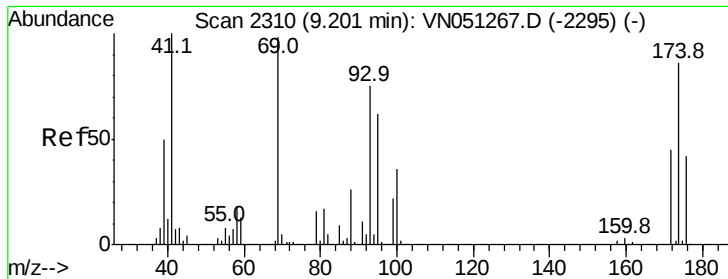
69 100.1 78.9 118.3

39 53.5 42.2 63.2



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





#49

1,4-Dioxane

Concen: 1000.749 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :
MSVOA_N
ClientSampleId :

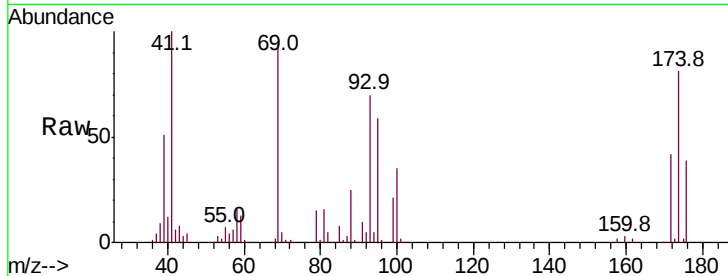
Tot Ion: 88 Resp: 53222

Ion Ratio Lower Upper

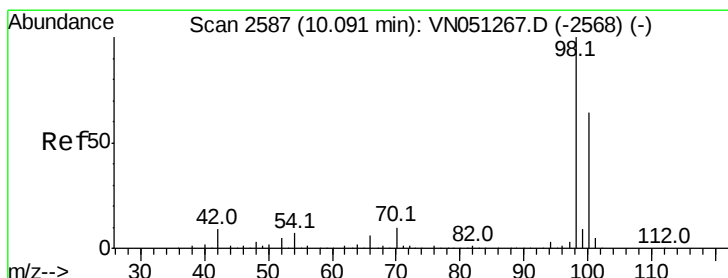
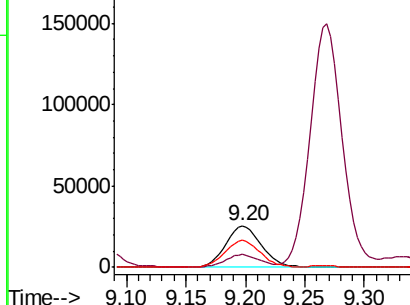
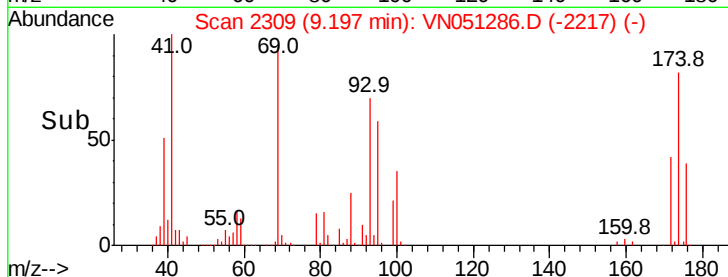
88 100

43 28.5 25.3 37.9

58 63.7 54.9 82.3



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



#50

Toluene-d8

Concen: 52.855 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN051286.D

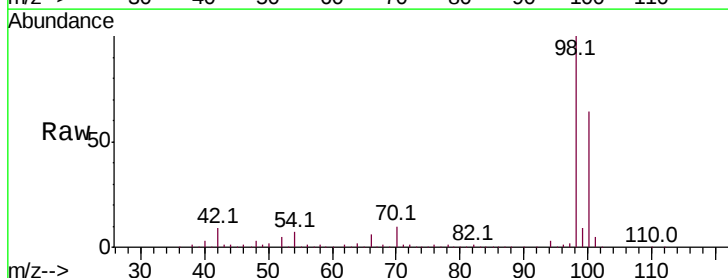
Acq: 18 Sep 2018 8:44

Tgt Ion: 98 Resp: 1203436

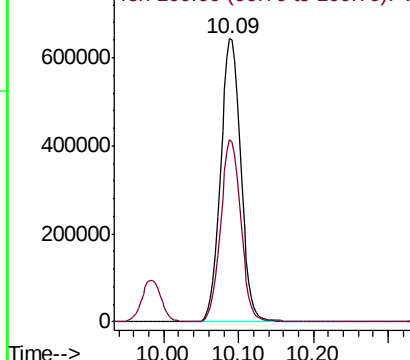
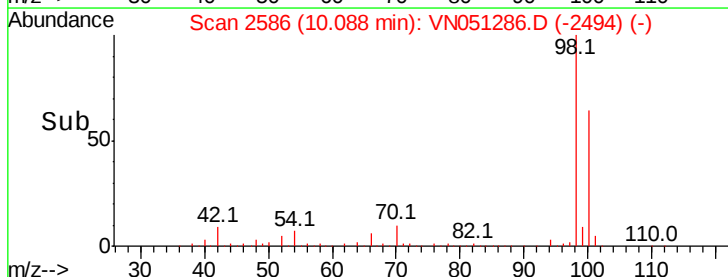
Ion Ratio Lower Upper

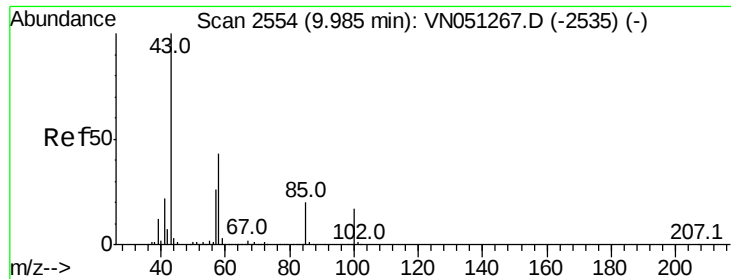
98 100

100 64.2 51.6 77.4



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

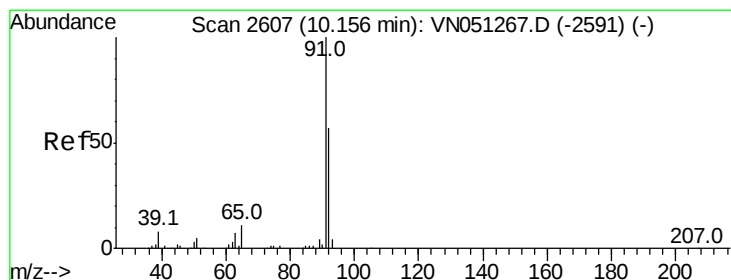
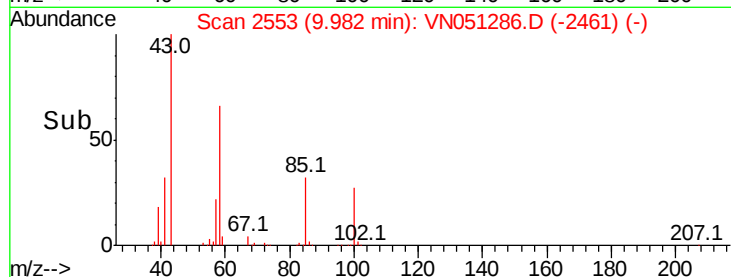
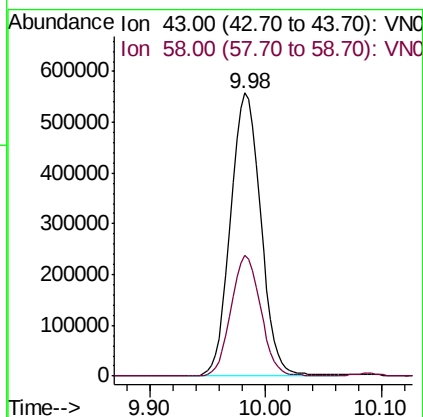
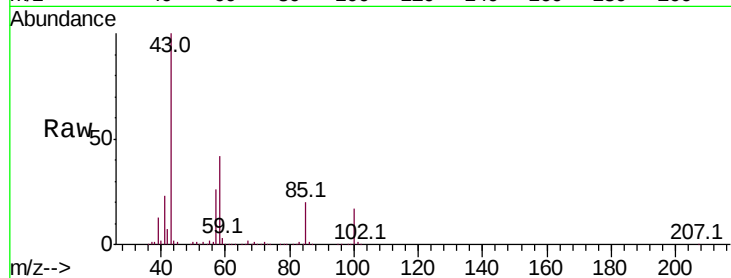




#51
4-Methyl-2-Pentanone
Concen: 255.746 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

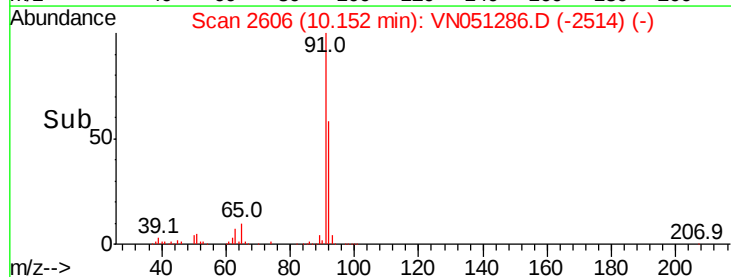
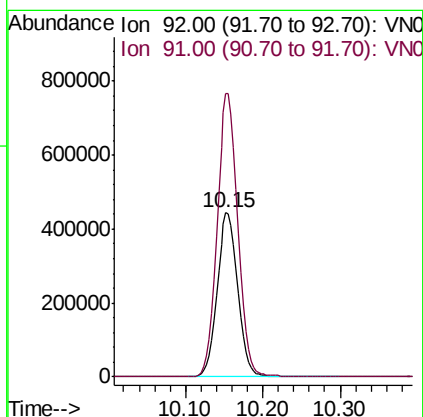
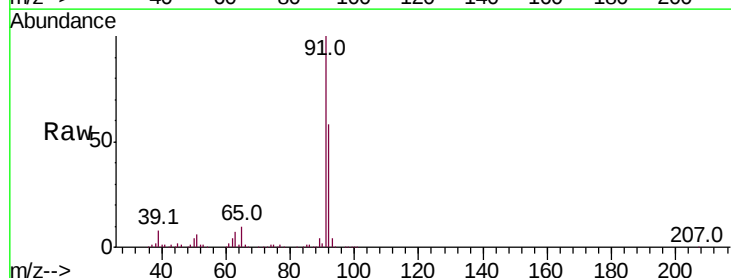
Instrument :
MSVOA_N
ClientSampled :

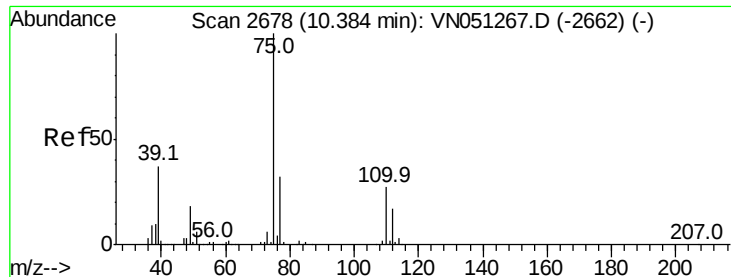
Tot Ion: 43 Resp: 1007225
Ion Ratio Lower Upper
43 100
58 41.9 33.8 50.6



#52
Toluene
Concen: 54.298 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 92 Resp: 829828
Ion Ratio Lower Upper
92 100
91 173.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.069 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

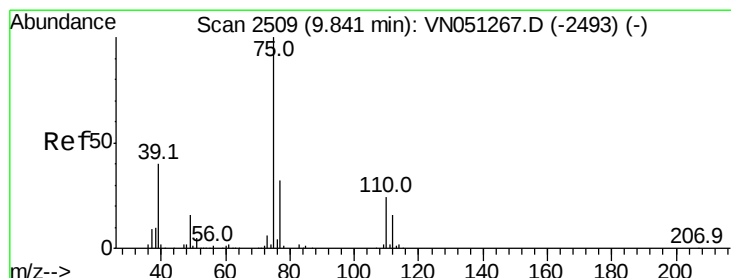
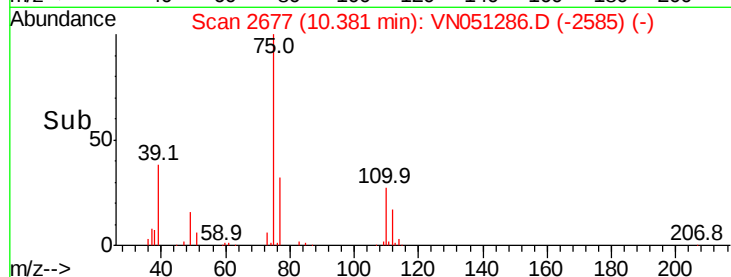
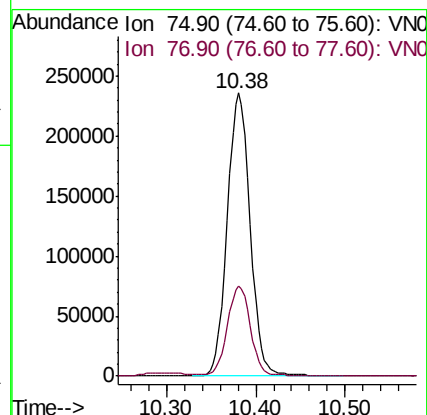
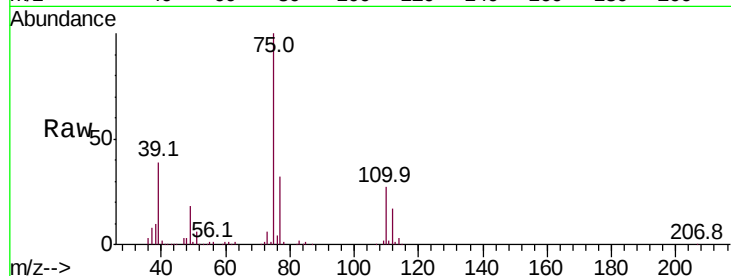
ClientSampleId :

Tot Ion: 75 Resp: 419071

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.252 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

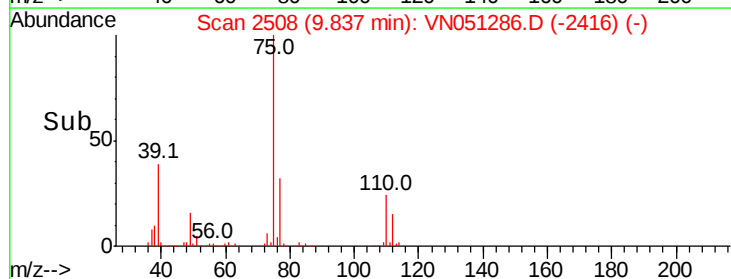
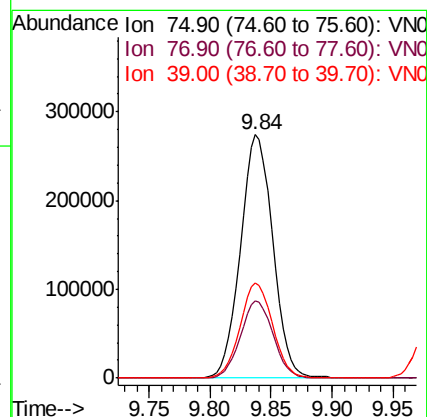
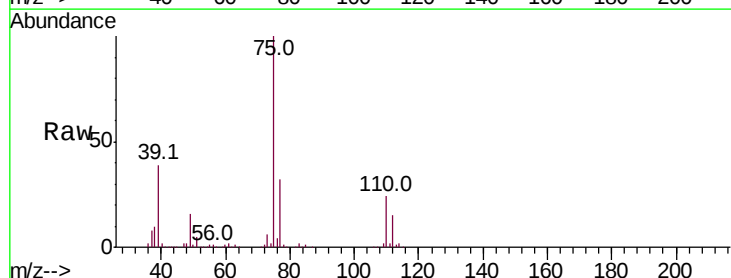
Tgt Ion: 75 Resp: 502253

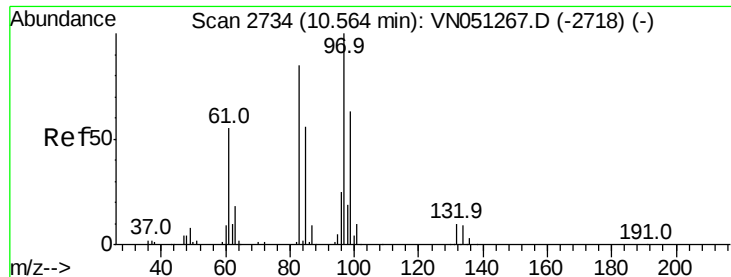
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 39.3 31.8 47.8

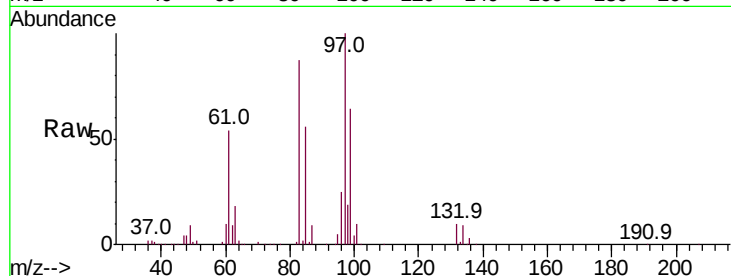




#55
 1,1,2-Trichloroethane
 Concen: 50.890 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	97	Resp	278098
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.7	101.5
85	55.6	44.5	66.7
99	63.7	50.4	75.6



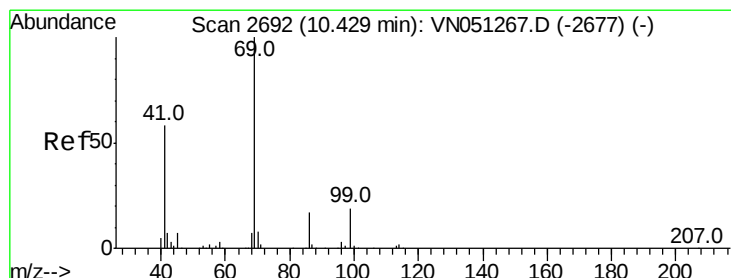
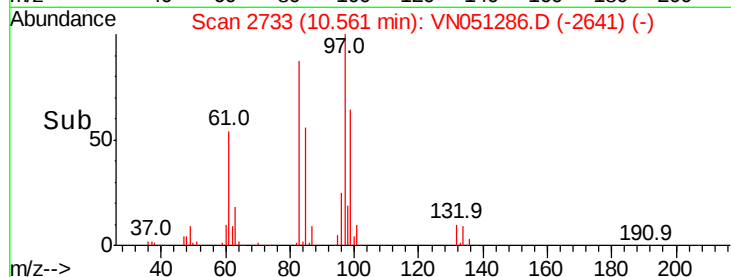
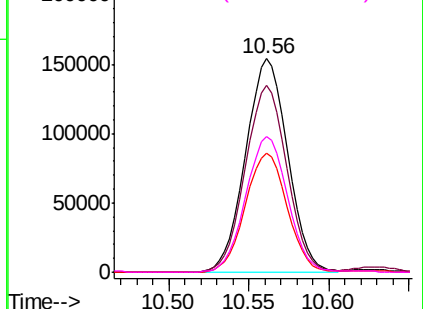
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

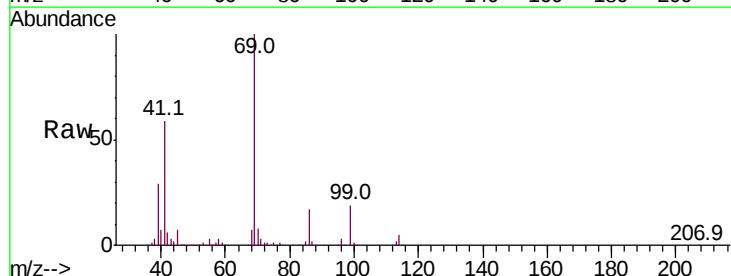
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 46.683 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	69	Resp	323576
Ion	Ratio	Lower	Upper
69	100		
41	58.6	47.4	71.0
39	28.1	23.7	35.5

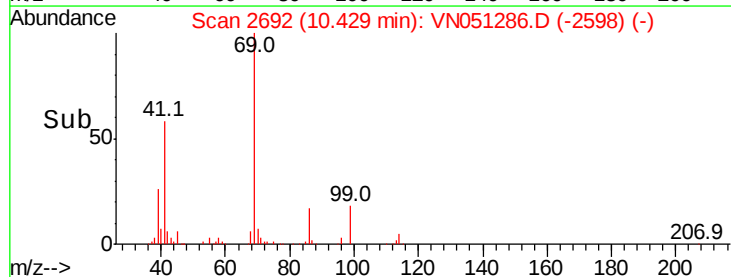
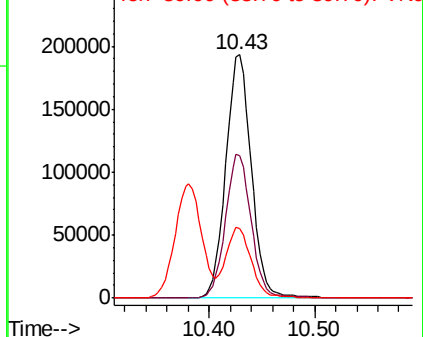


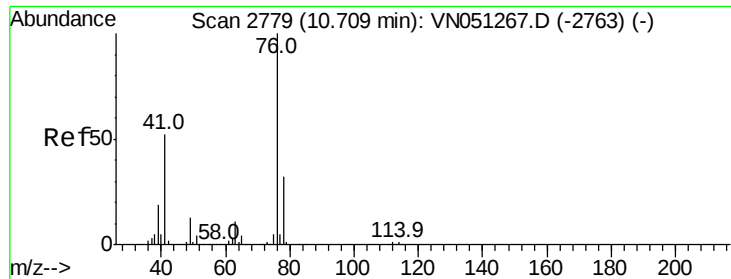
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.168 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

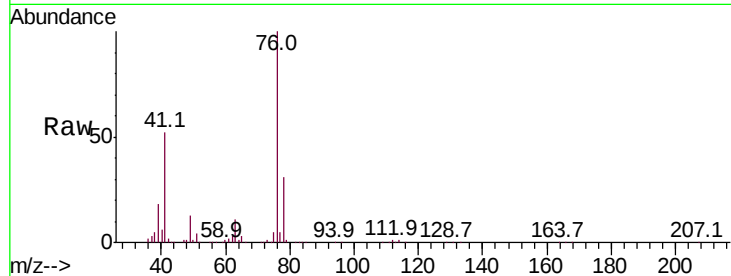
ClientSampled :

Tot Ion: 76 Resp: 464385

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN051267.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN051267.D (-2763) (-)

10.71

250000

200000

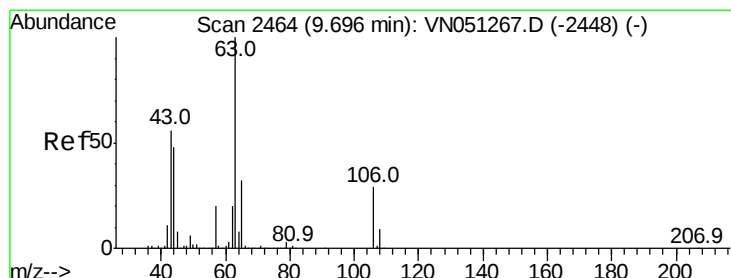
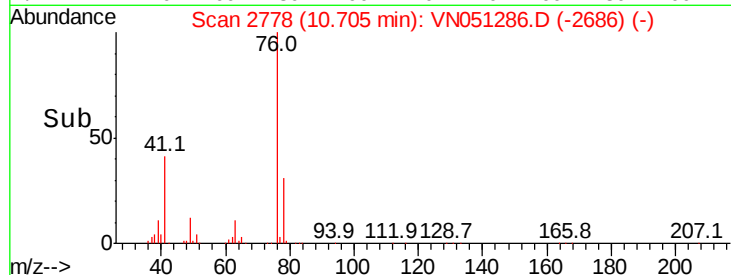
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 233.501 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN051286.D

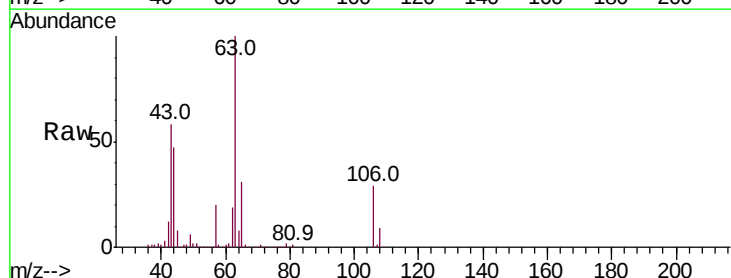
Acq: 18 Sep 2018 8:44

Tgt Ion: 63 Resp: 745257

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN051267.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN051267.D (-2448) (-)

9.69

500000

400000

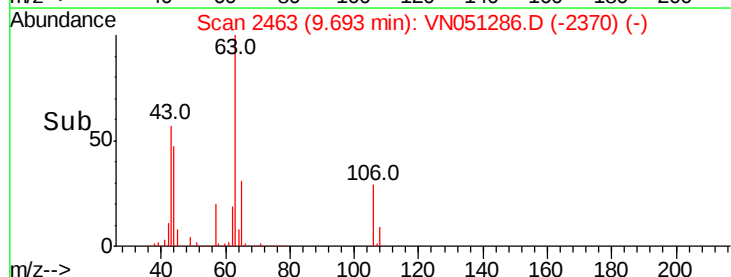
300000

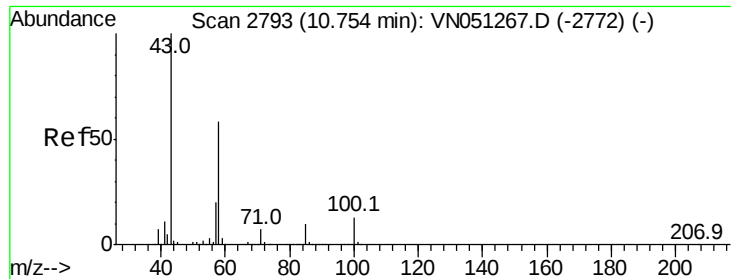
200000

100000

0

Time-->

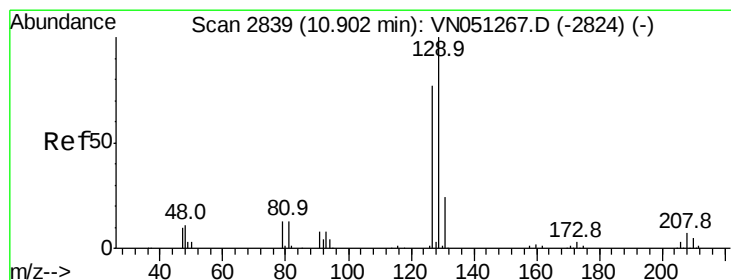
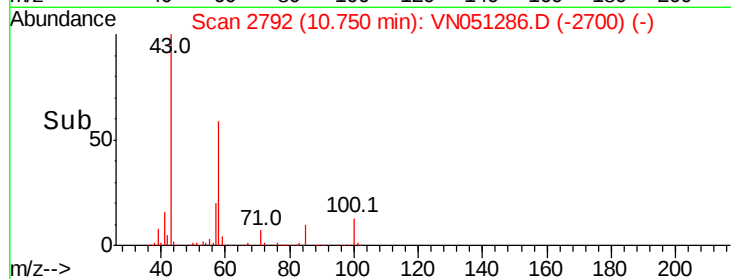
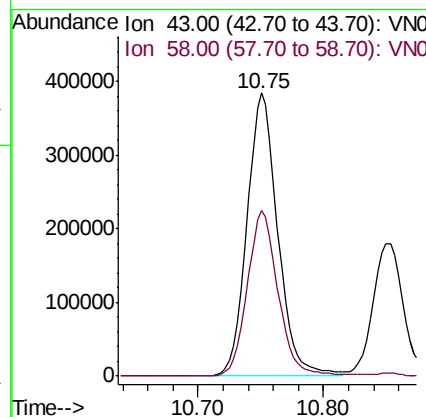
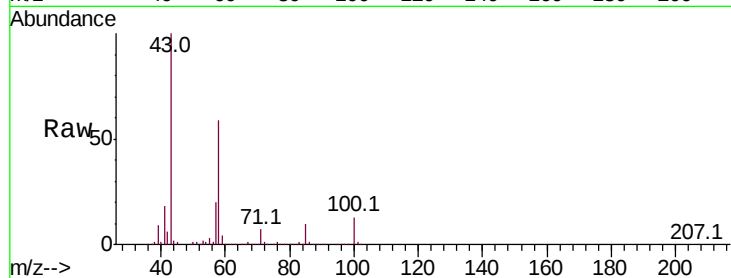




#59
2-Hexanone
Concen: 252.251 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

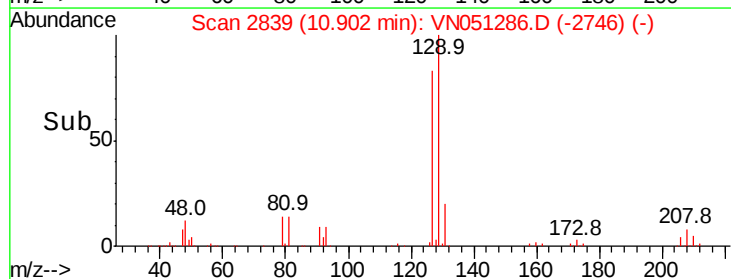
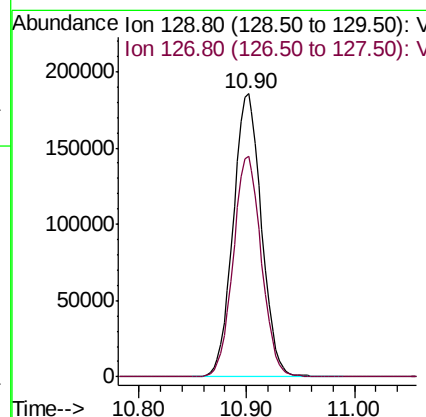
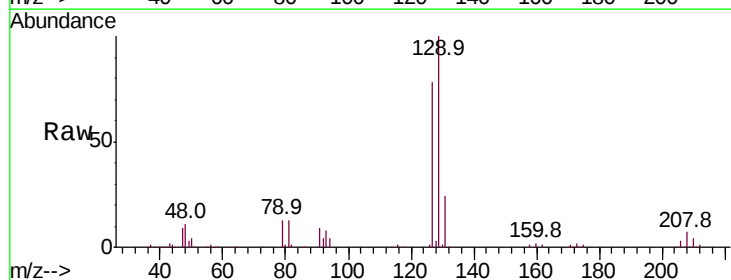
Instrument :
MSVOA_N
ClientSampled :

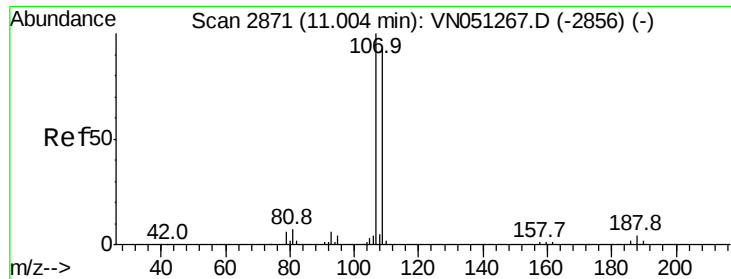
Tot Ion: 43 Resp: 654104
Ion Ratio Lower Upper
43 100
58 58.8 28.9 86.8



#60
Dibromochloromethane
Concen: 52.565 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 129 Resp: 338053
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

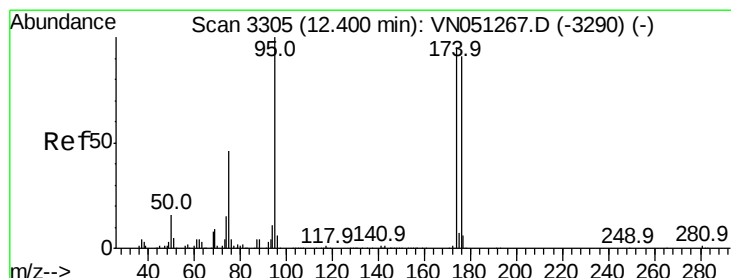
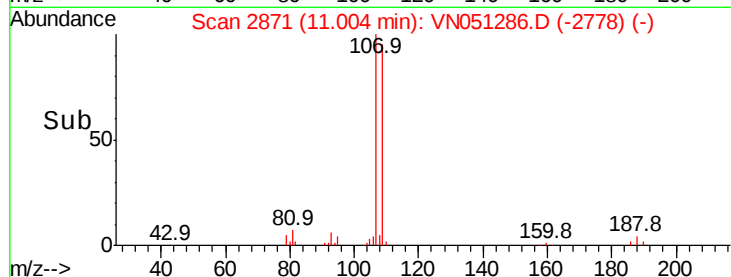
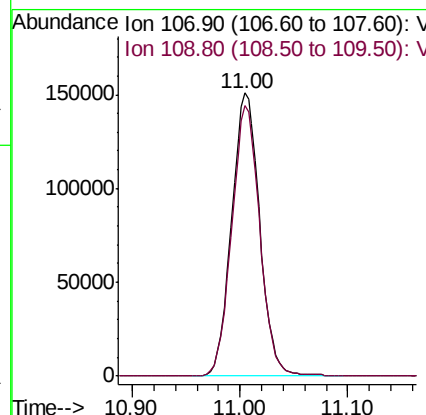
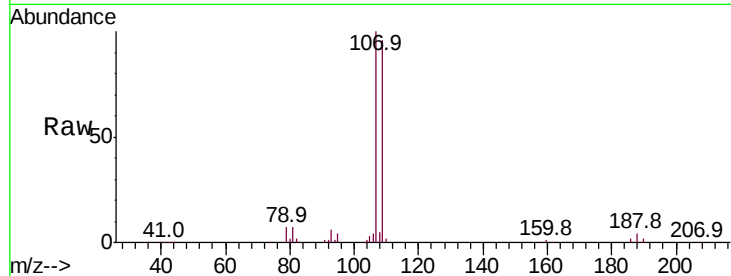




#61
 1,2-Dibromoethane
 Concen: 52.128 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

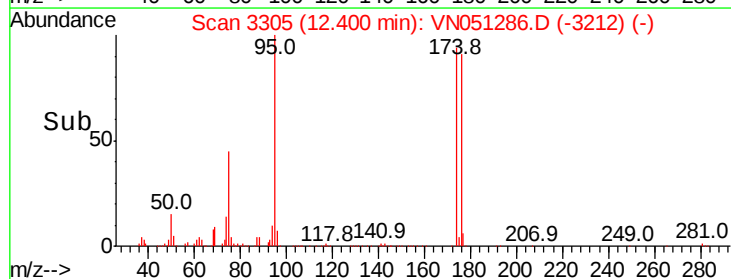
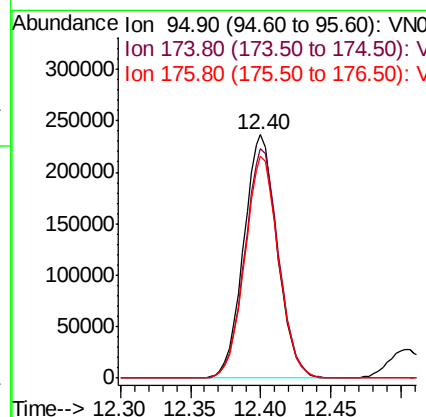
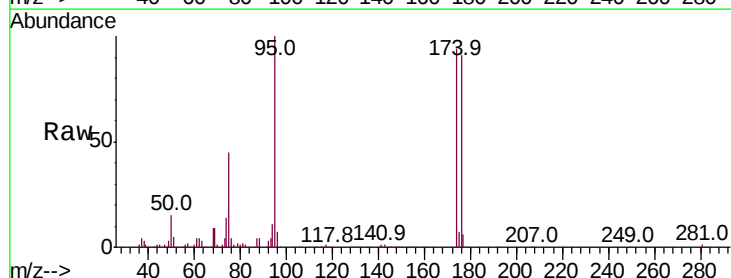
Instrument :
 MSVOA_N
 ClientSampleId :

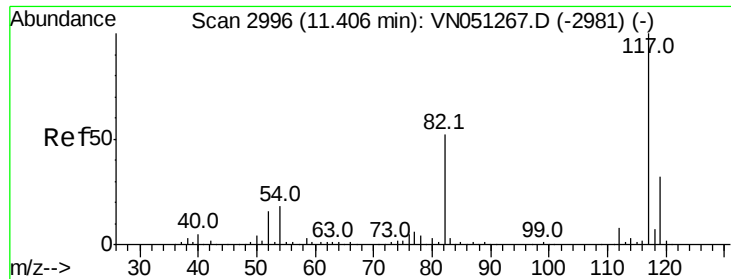
Tot Ion:107 Resp: 273798
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 54.188 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion: 95 Resp: 392431
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 189.6
 176 91.8 0.0 182.6

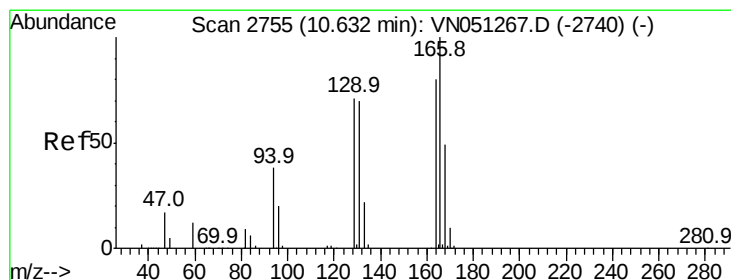
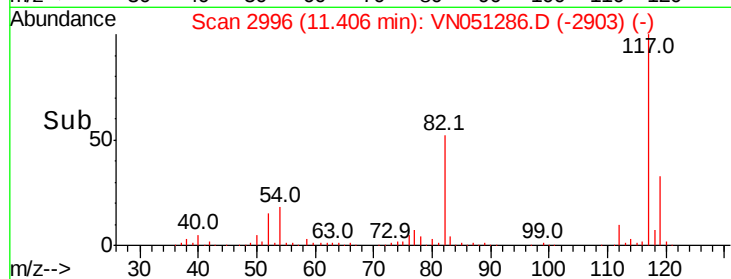
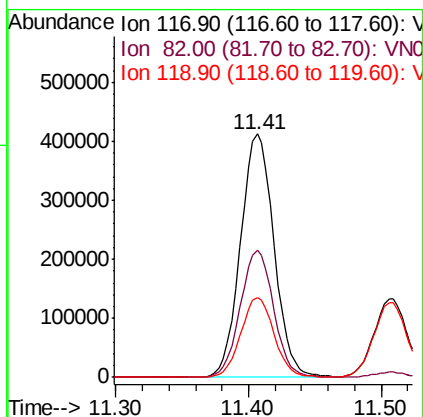
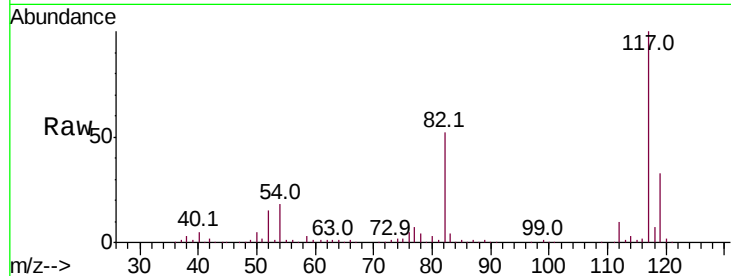




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

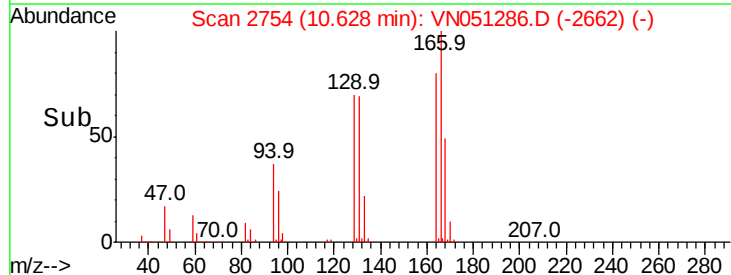
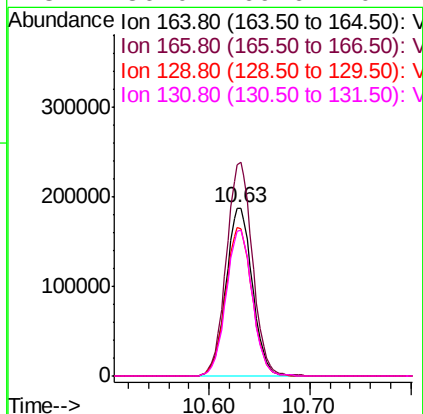
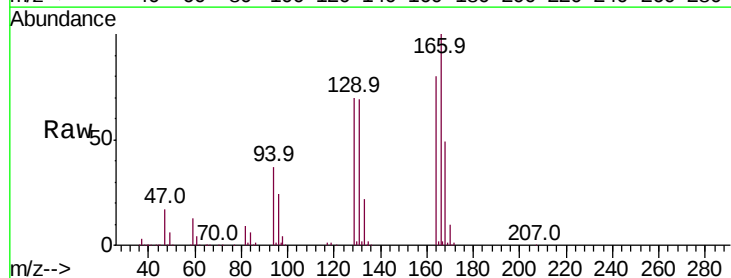
Instrument :
MSVOA_N
ClientSampleId :

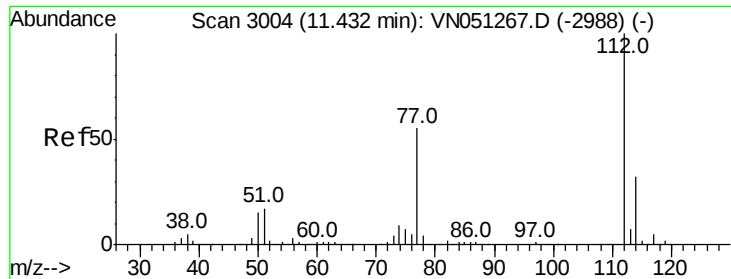
Tot Ion:117 Resp: 724567
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 49.513 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:164 Resp: 340585
Ion Ratio Lower Upper
164 100
166 125.5 100.0 150.0
129 88.2 70.8 106.2
131 86.0 69.6 104.4

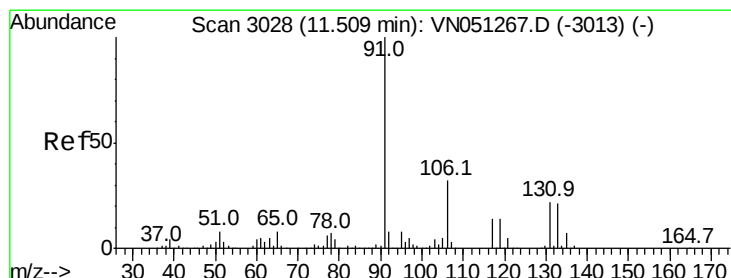
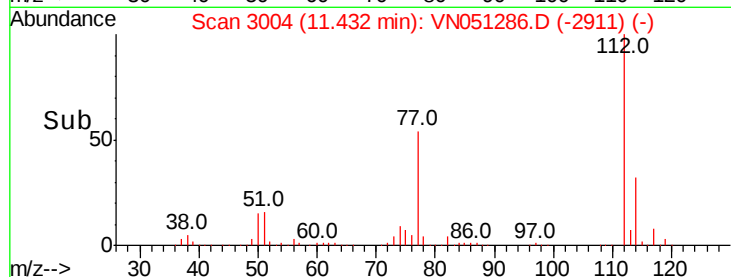
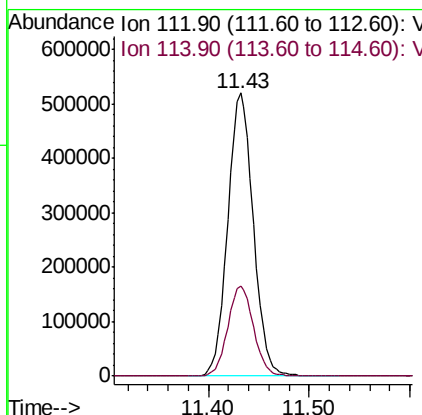
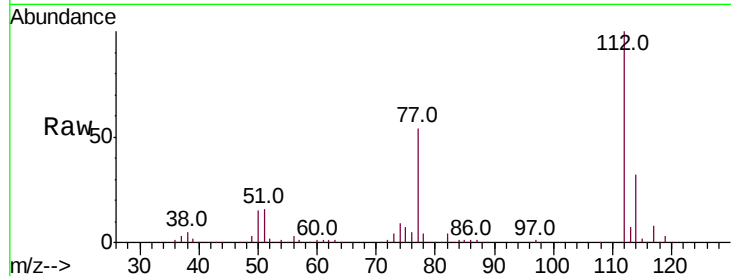




#65
Chlorobenzene
Concen: 51.223 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

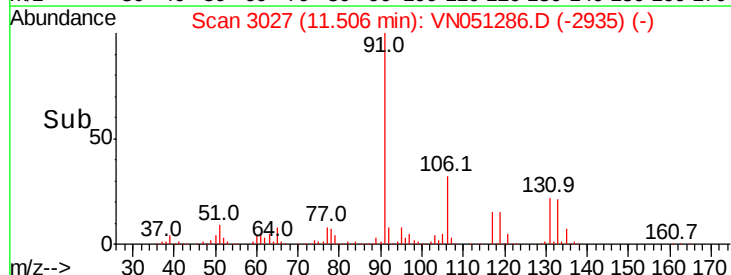
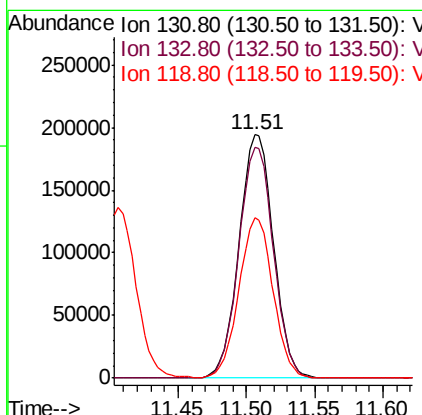
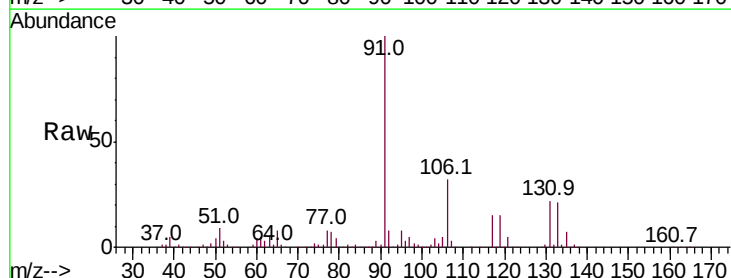
Instrument :
MSVOA_N
ClientSampled :

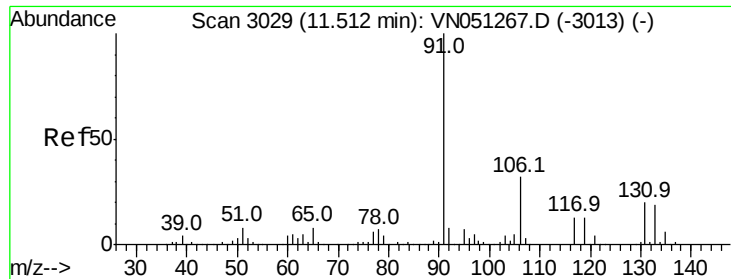
Tot Ion:112 Resp: 918028
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.263 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:131 Resp: 341047
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.8 32.6 98.0

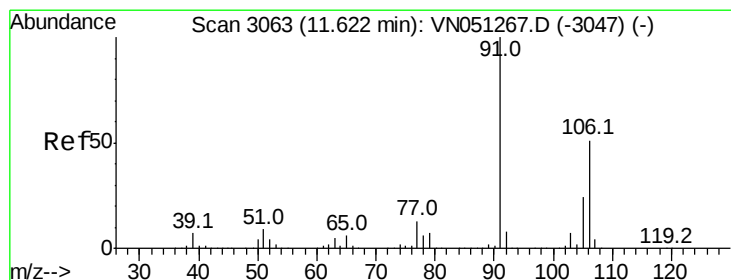
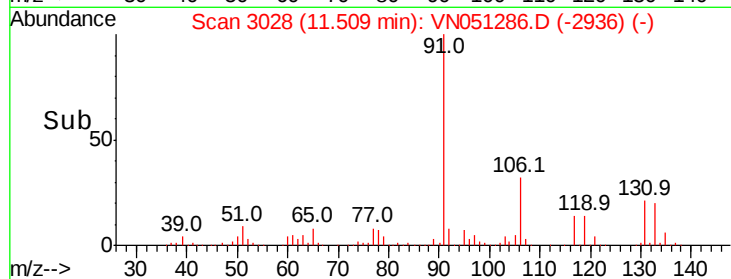
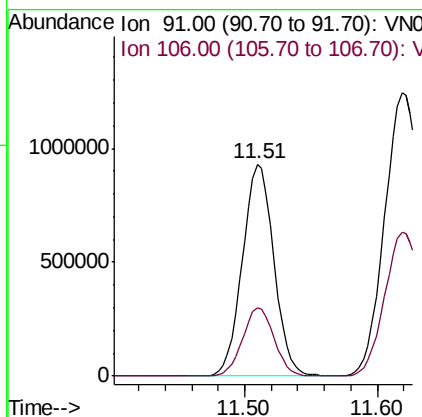
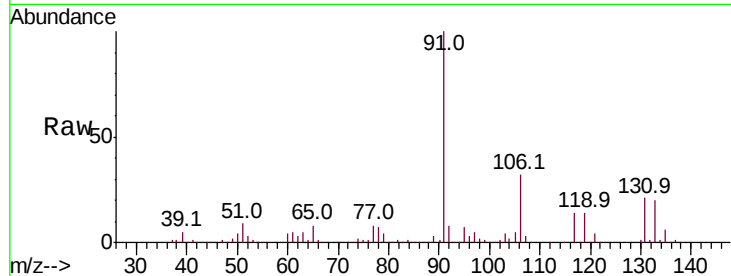




#67
Ethyl Benzene
Concen: 53.748 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

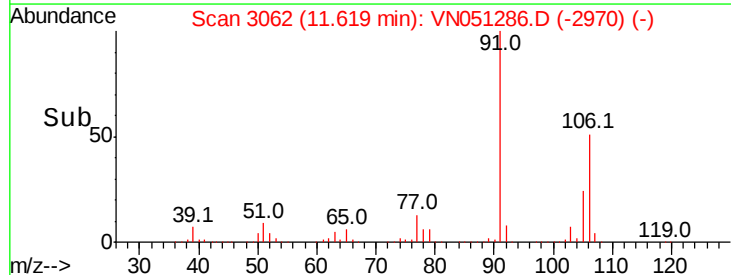
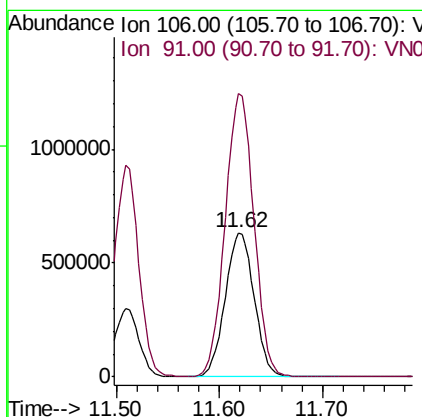
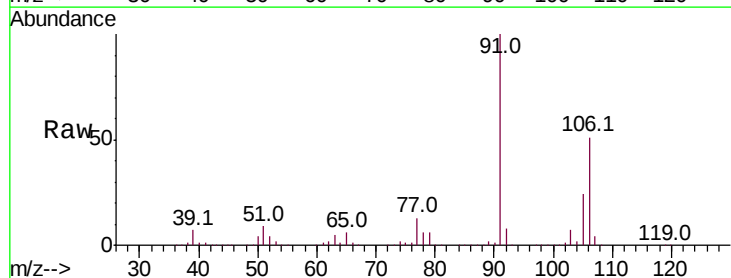
Instrument :
MSVOA_N
ClientSampled :

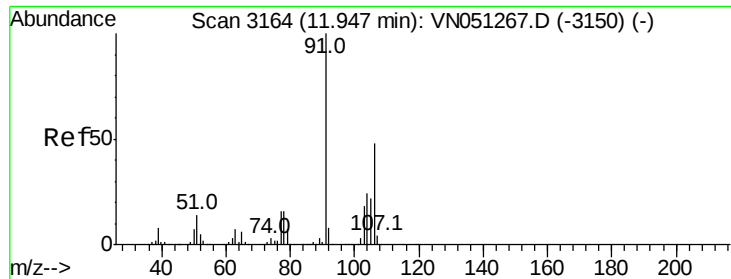
Tot Ion: 91 Resp: 1535117
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 111.041 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:106 Resp: 1232018
Ion Ratio Lower Upper
106 100
91 196.2 158.6 238.0

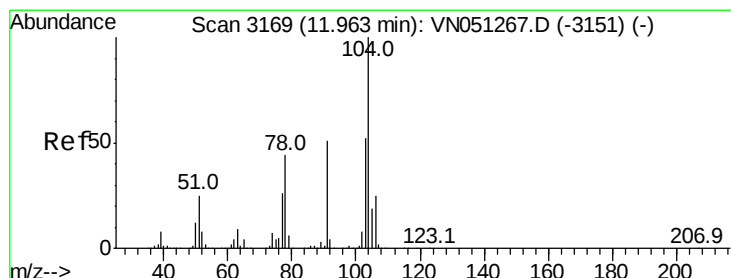
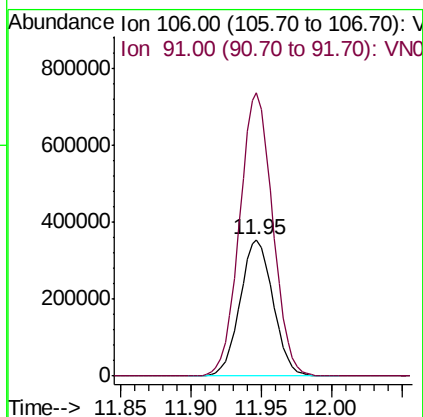
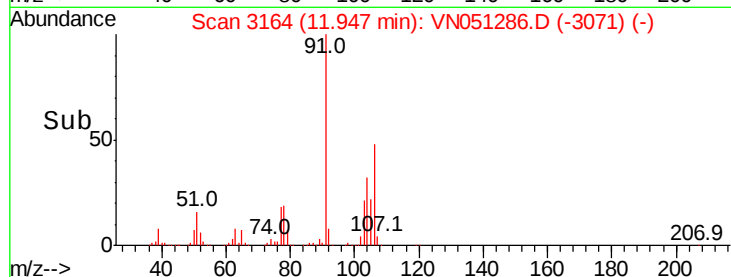
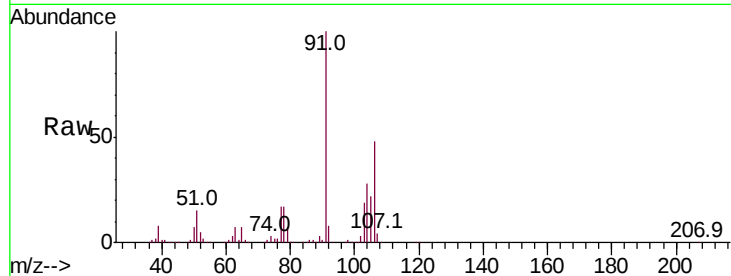




#69
o-Xylene
Concen: 55.079 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

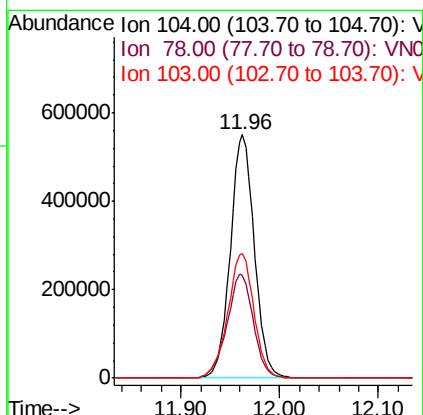
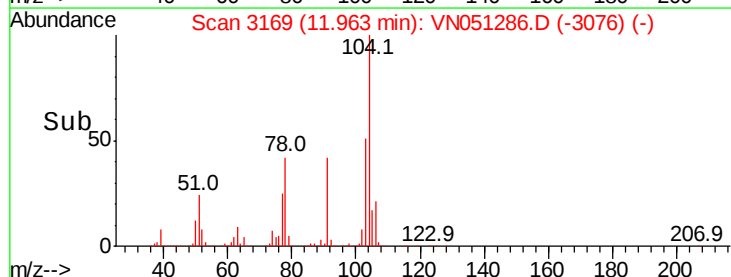
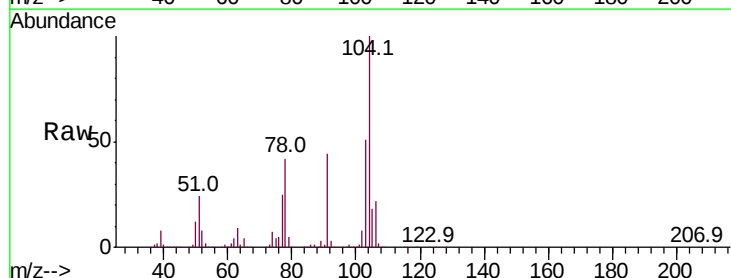
Instrument :
MSVOA_N
ClientSampled :

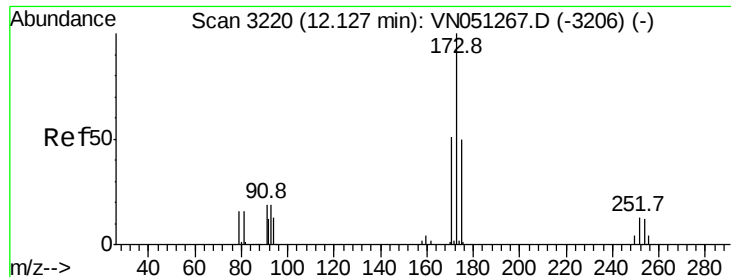
Tot Ion:106 Resp: 582408
Ion Ratio Lower Upper
106 100
91 208.0 104.1 312.3



#70
Styrene
Concen: 49.943 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:104 Resp: 934017
Ion Ratio Lower Upper
104 100
78 47.1 38.1 57.1
103 55.7 44.8 67.2





#71

Bromoform

Concen: 50.651 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

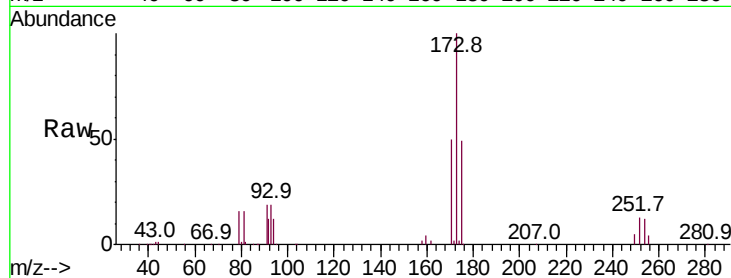
Tot Ion:173 Resp: 227907

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.2
254	0.1	0.1	0.1

173 100

175 49.2 24.4 73.2

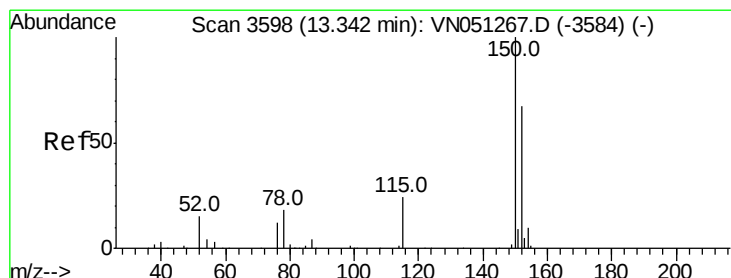
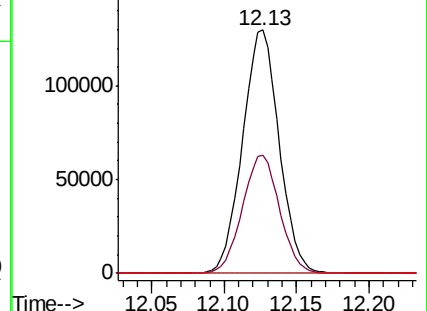
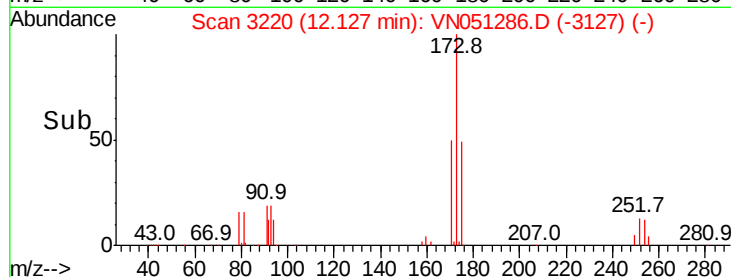
254 0.1 0.1 0.1



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

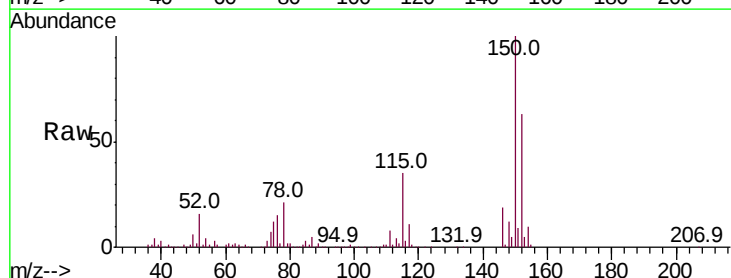
Tgt Ion:152 Resp: 371003

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.1	81.2
150	174.9	0.0	349.0

152 100

115 55.4 27.1 81.2

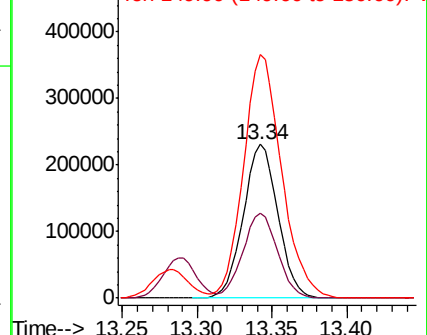
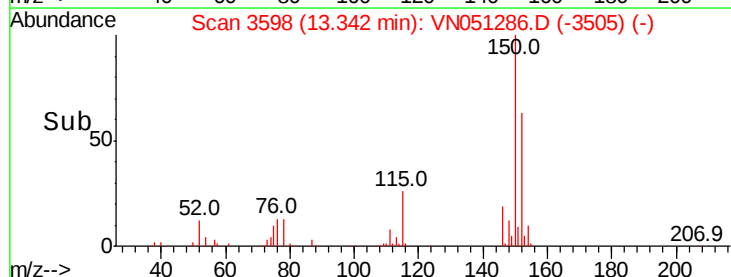
150 174.9 0.0 349.0

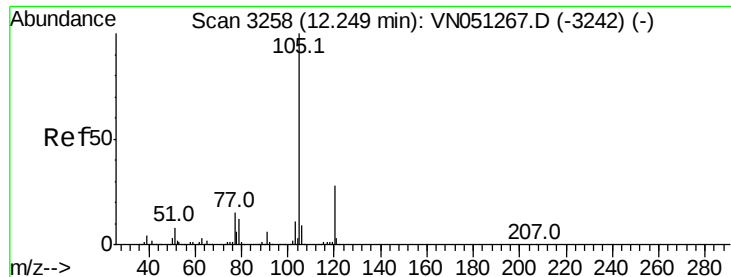


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.516 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

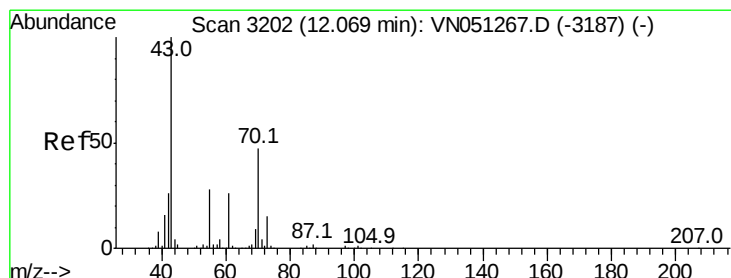
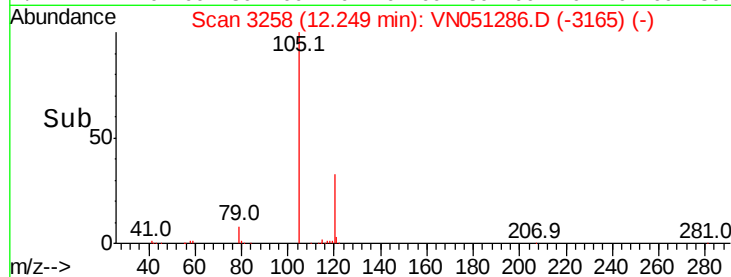
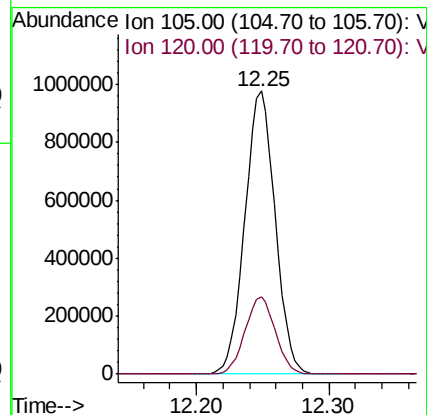
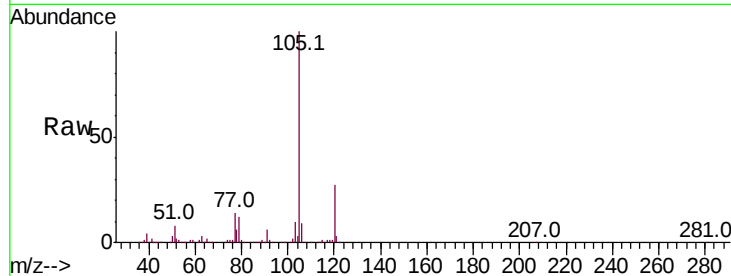
ClientSampled :

Tot Ion:105 Resp: 1549295

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.4



#74

N-ethyl acetate

Concen: 46.340 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Tgt Ion: 43 Resp: 297620

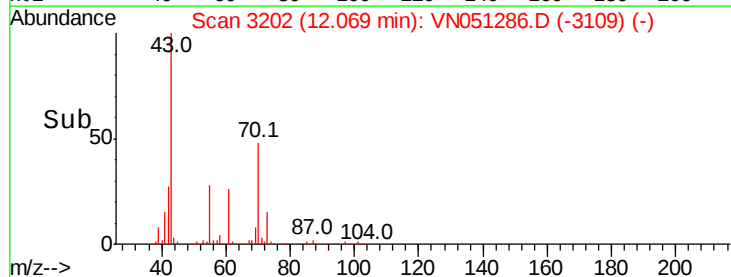
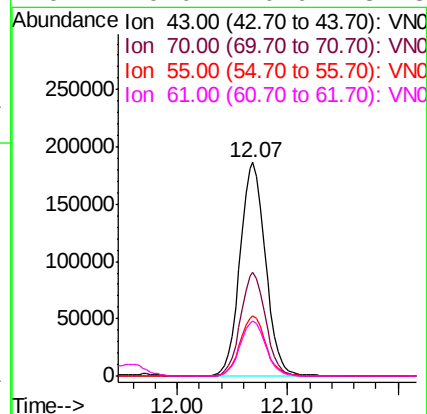
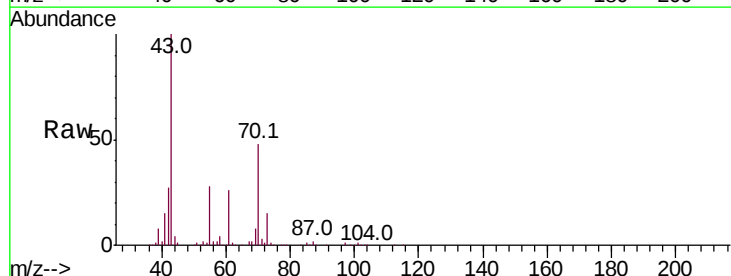
Ion Ratio Lower Upper

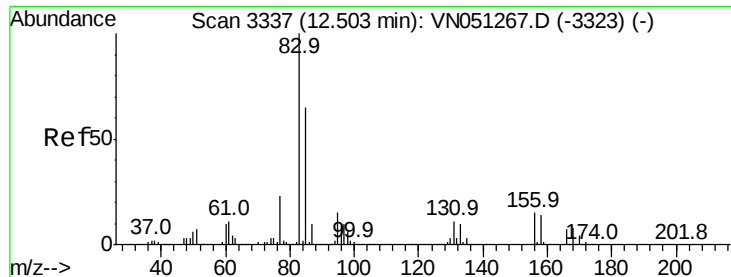
43 100

70 47.8 37.8 56.6

55 28.6 22.6 34.0

61 26.0 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.697 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

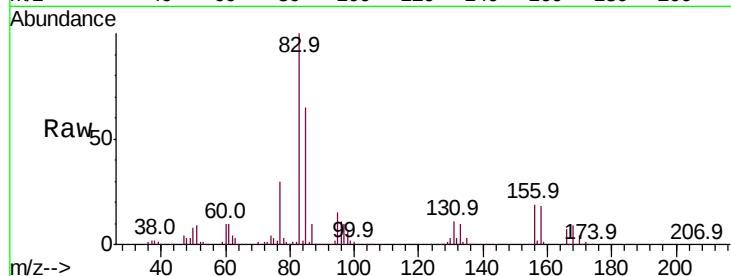
Tot Ion: 83 Resp: 318074

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

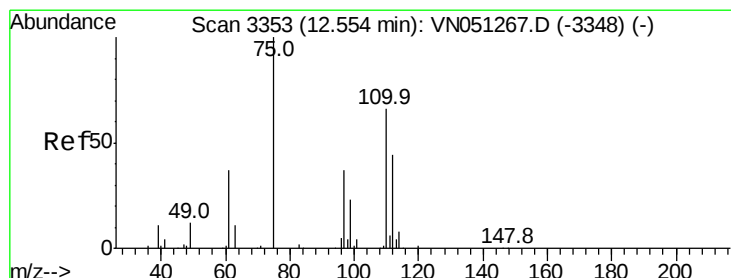
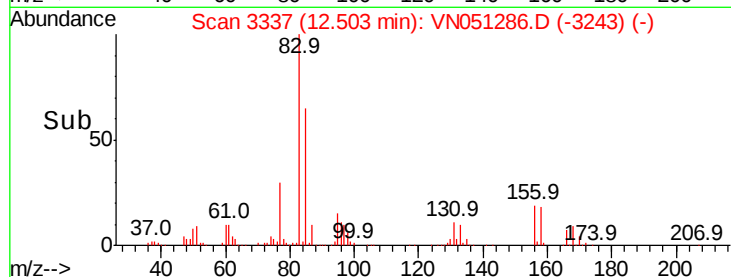
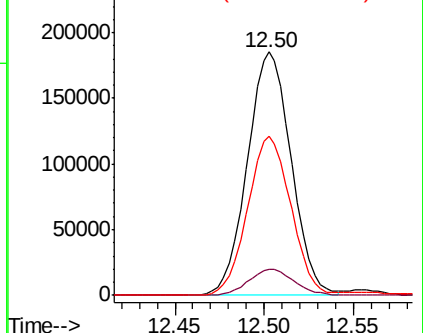
85 64.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN051267.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN051267.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN051267.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 77.337 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051286.D

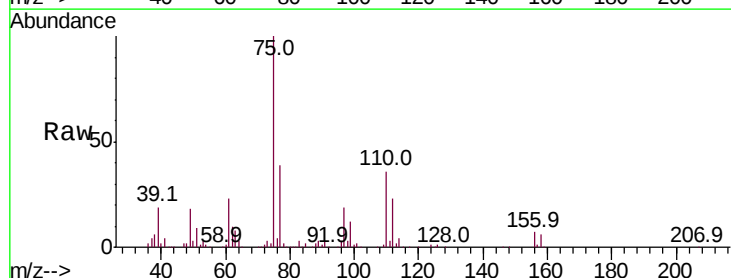
Acq: 18 Sep 2018 8:44

Tgt Ion: 75 Resp: 384424

Ion Ratio Lower Upper

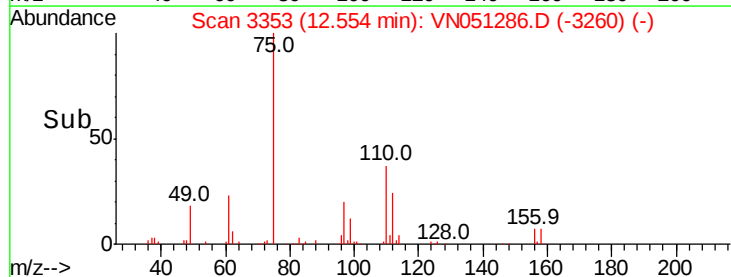
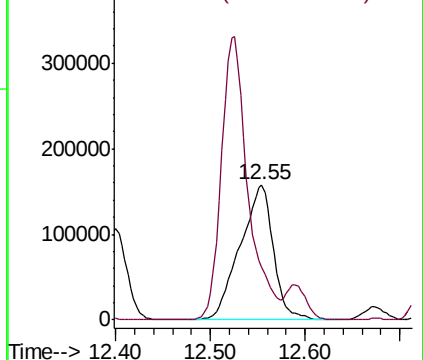
75 100

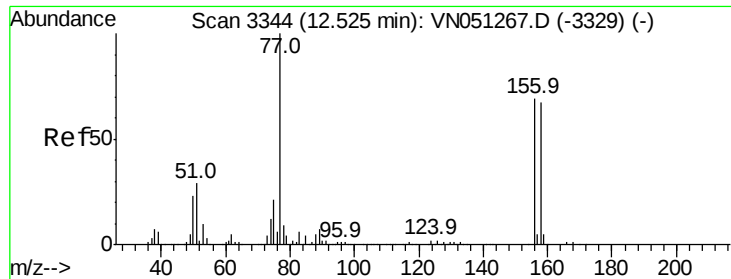
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051267.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051267.D (-3348) (-)





#77

Bromobenzene

Concen: 50.743 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

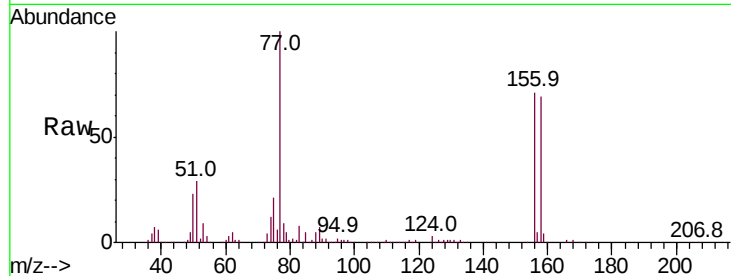
Tot Ion:156 Resp: 396954

Ion Ratio Lower Upper

156 100

77 163.7 83.7 251.1

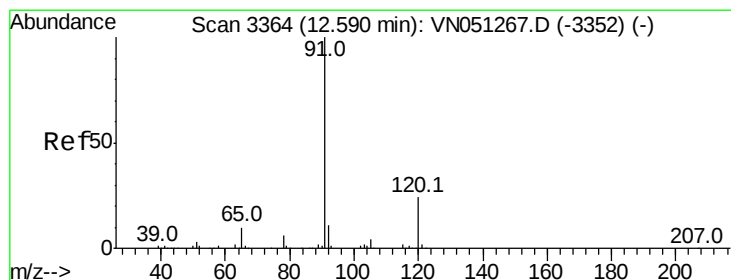
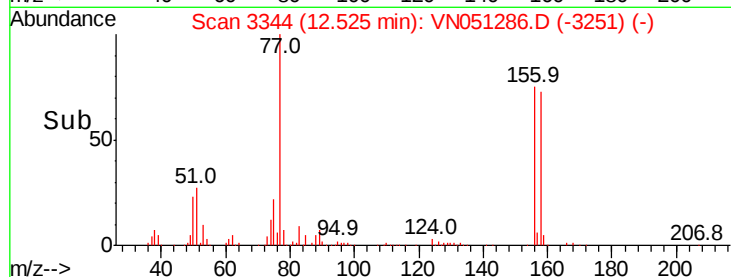
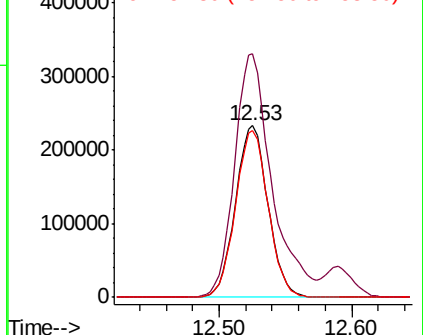
158 97.5 49.0 147.2



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: 51.074 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051286.D

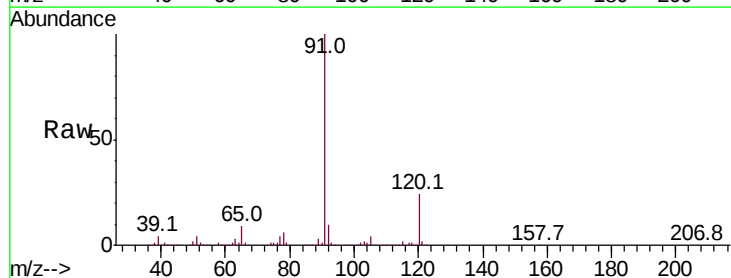
Acq: 18 Sep 2018 8:44

Tgt Ion: 91 Resp: 1723696

Ion Ratio Lower Upper

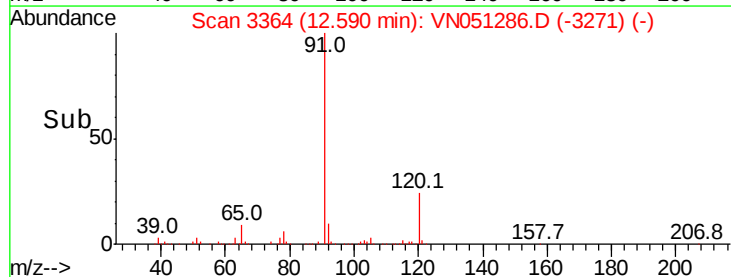
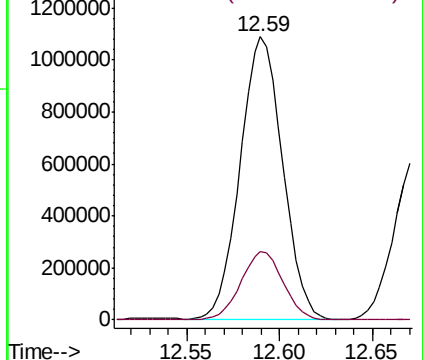
91 100

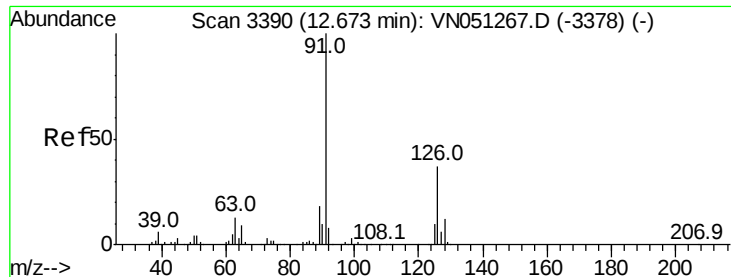
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

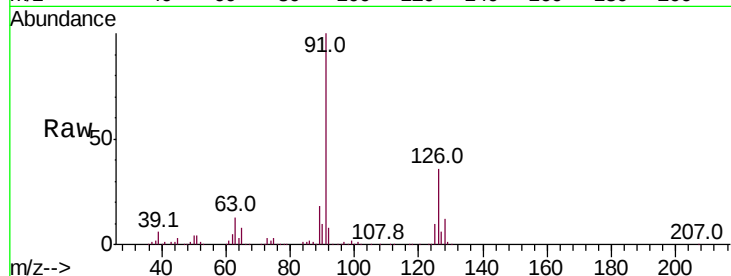
ClientSampleId :

Tot Ion: 91 Resp: 1019585

Ion Ratio Lower Upper

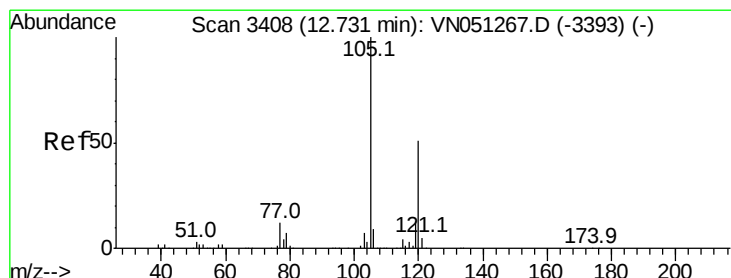
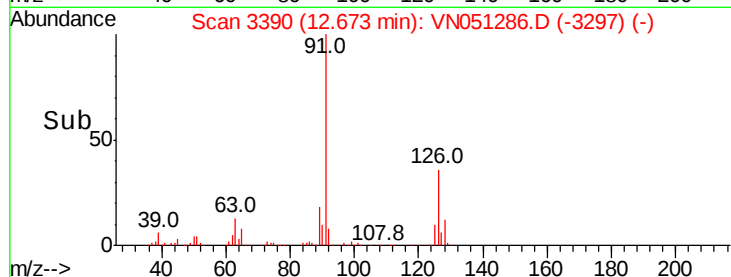
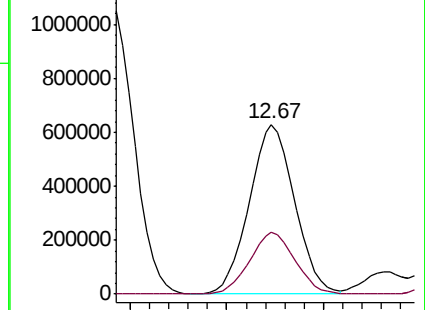
91 100

126 36.6 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051267.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.431 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051286.D

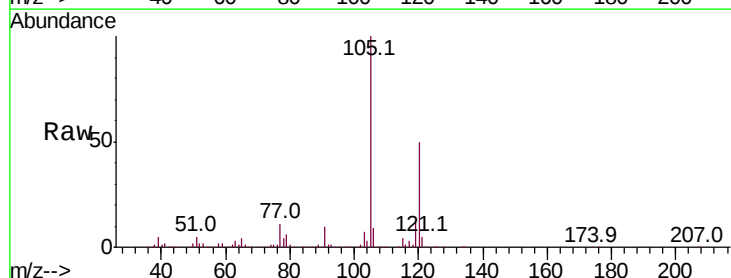
Acq: 18 Sep 2018 8:44

Tgt Ion:105 Resp: 1286564

Ion Ratio Lower Upper

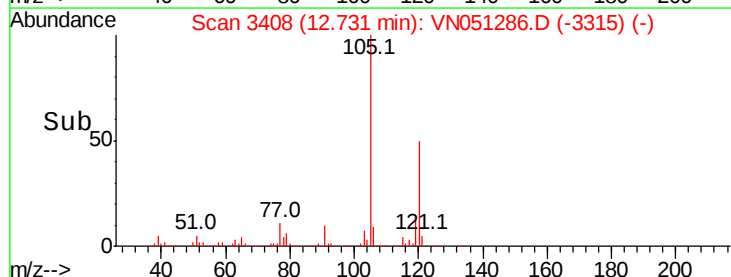
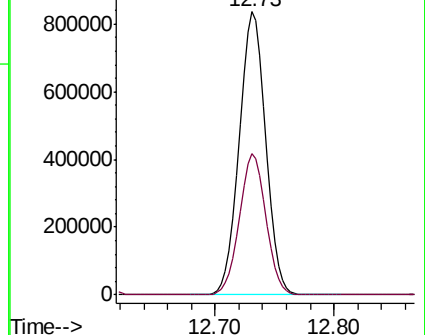
105 100

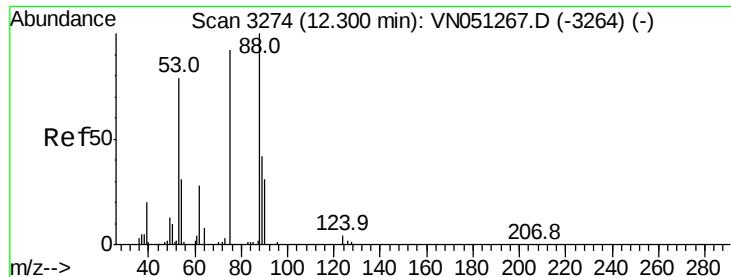
120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VN051267.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN051267.D (-3393) (-)

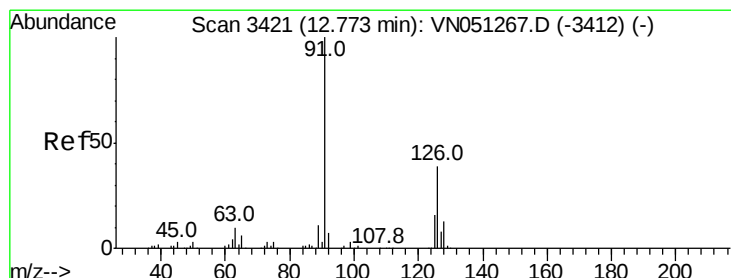
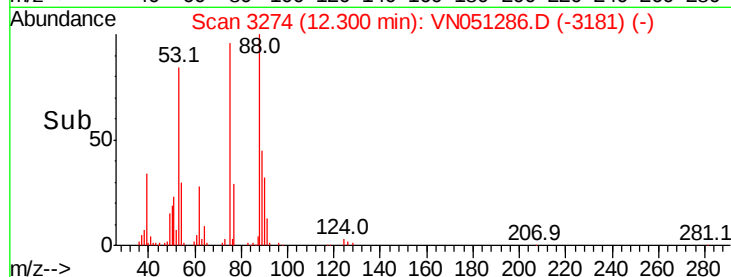
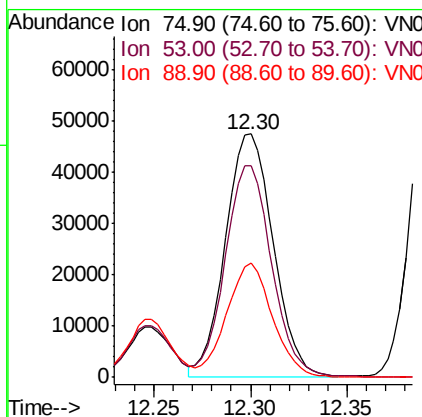
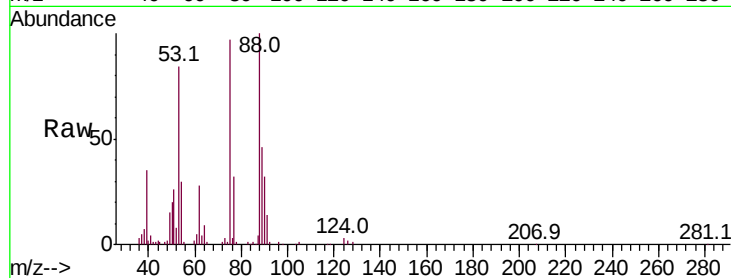




#81
trans-1,4-Dichloro-2-butene
Concen: 49.098 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

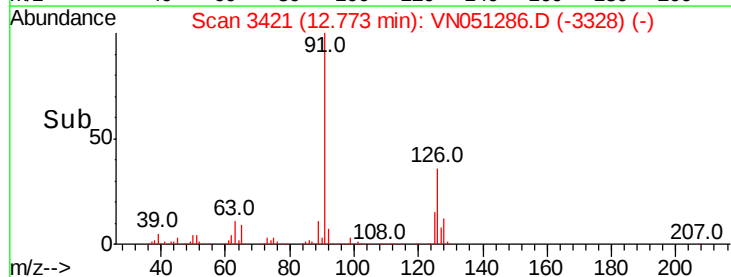
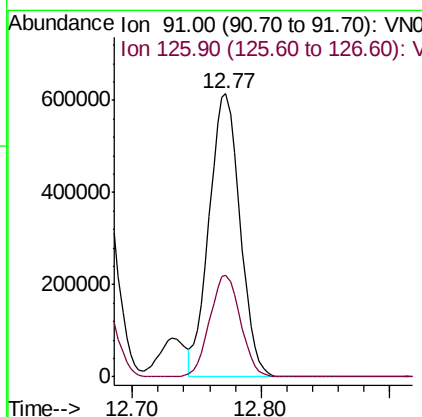
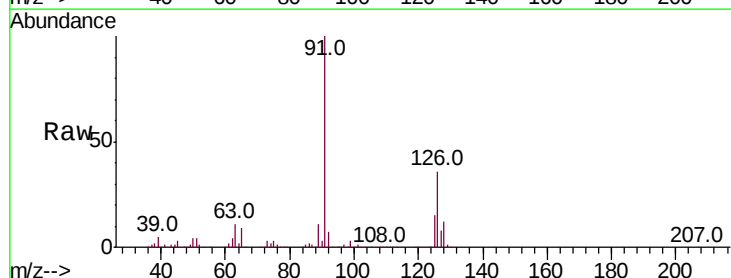
Instrument :
MSVOA_N
ClientSampleId :

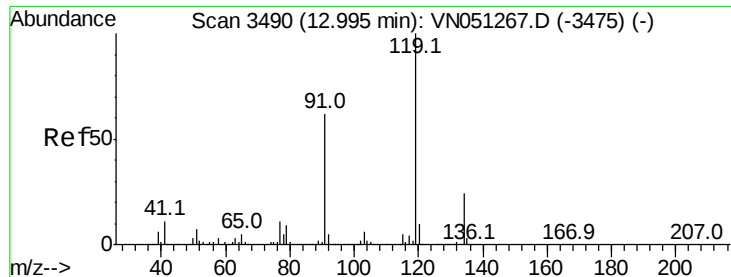
Tot Ion: 75 Resp: 82014
Ion Ratio Lower Upper
75 100
53 85.1 67.7 101.5
89 45.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.994 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 91 Resp: 1020211
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8

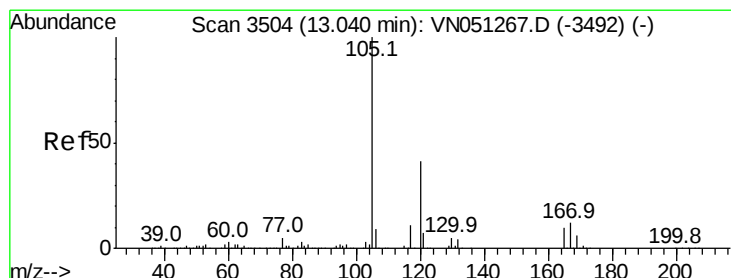
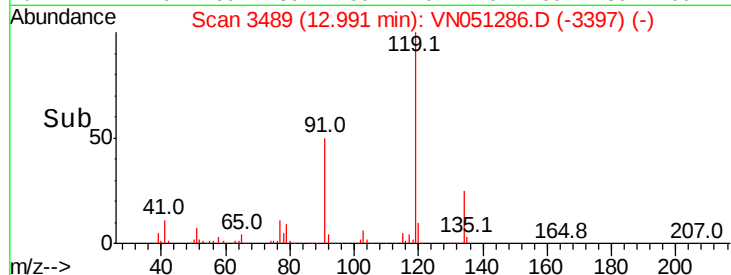
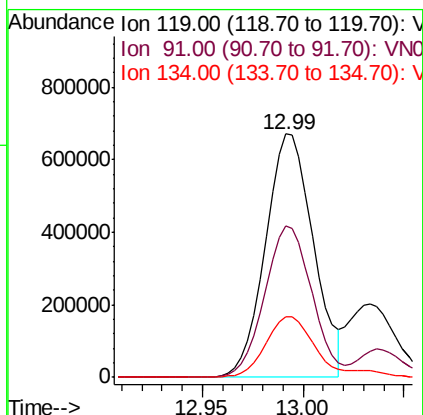
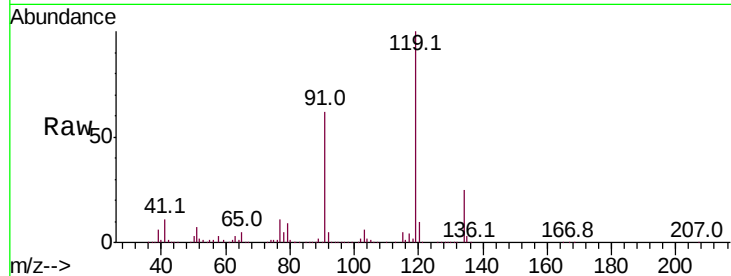




#83
tert-Butylbenzene
Concen: 50.121 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

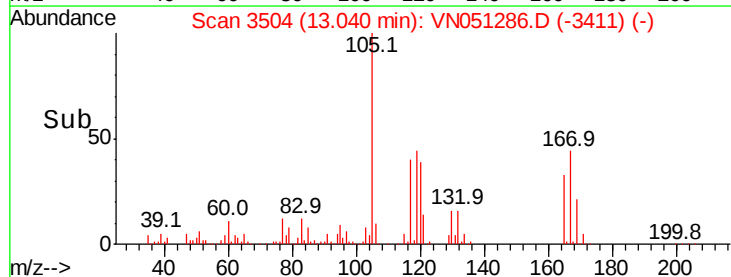
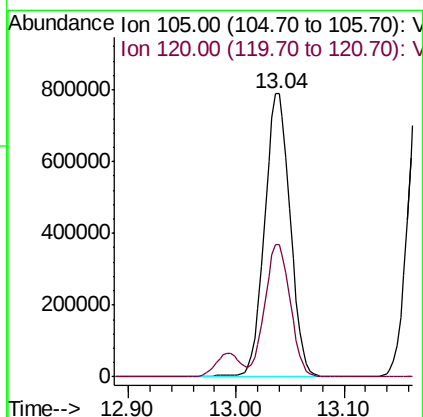
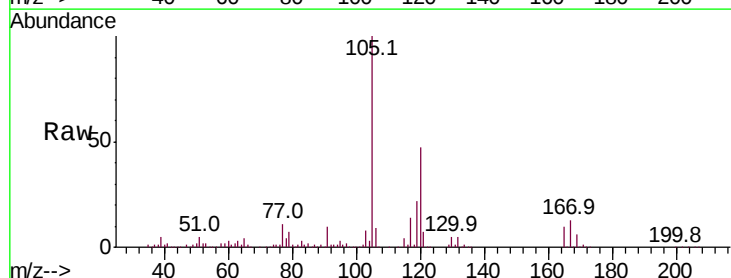
Instrument :
MSVOA_N
ClientSampled :

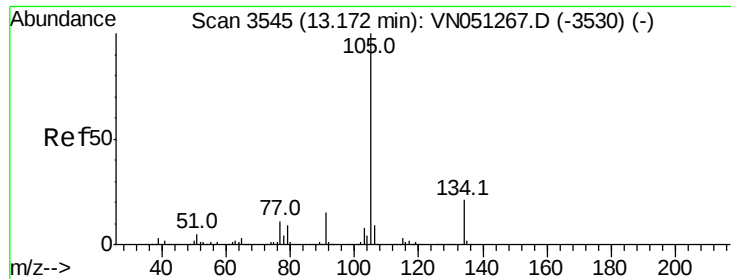
Tot Ion:119 Resp: 1107989
Ion Ratio Lower Upper
119 100
91 61.2 30.8 92.4
134 27.0 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 53.343 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion:105 Resp: 1295812
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.6





#85

sec-Butylbenzene

Concen: 51.671 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

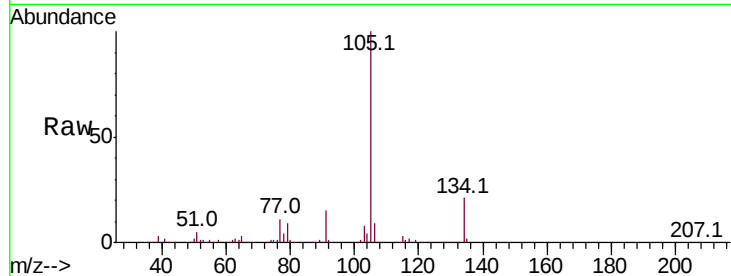
ClientSampled :

Tot Ion:105 Resp: 1450489

Ion Ratio Lower Upper

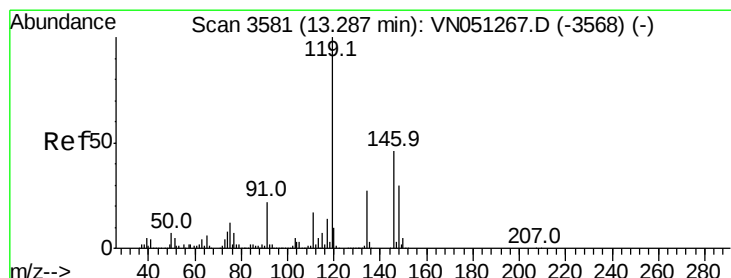
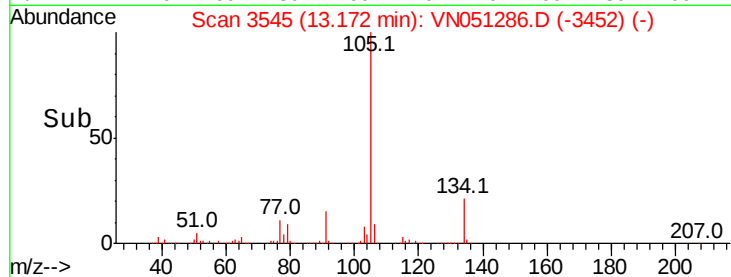
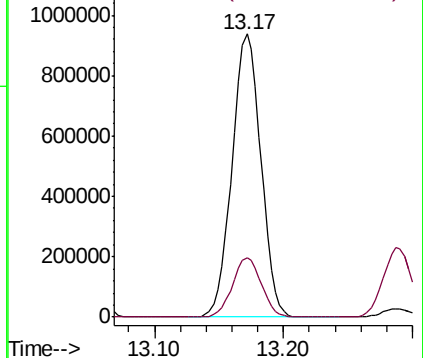
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.125 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

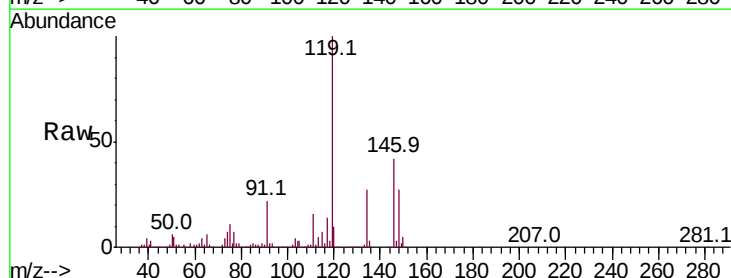
Tgt Ion:119 Resp: 1297551

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

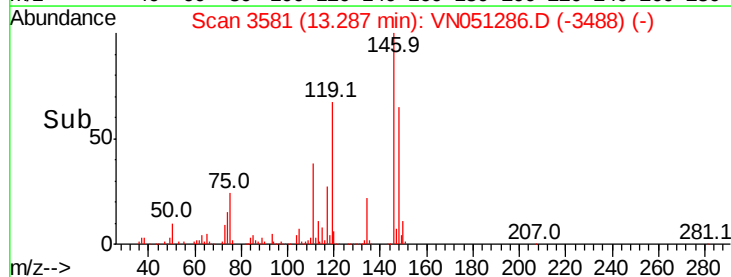
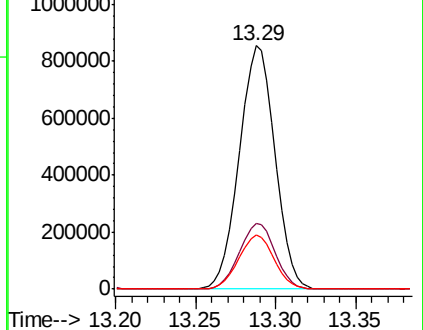
91 22.0 11.1 33.1

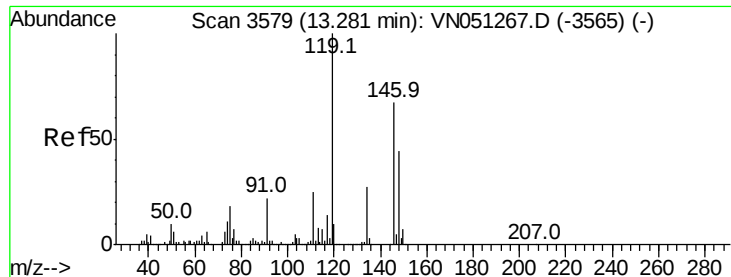


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.369 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampled :

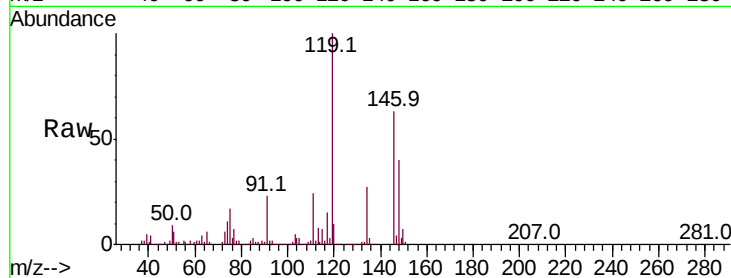
Tot Ion:146 Resp: 682360

Ion Ratio Lower Upper

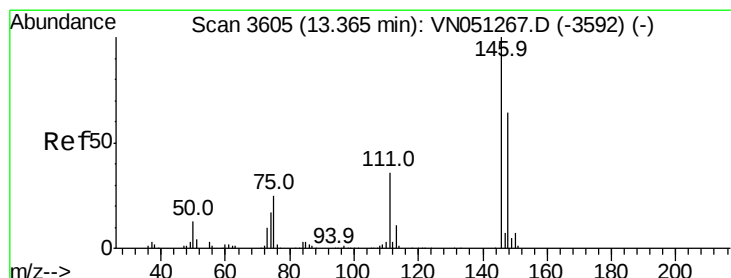
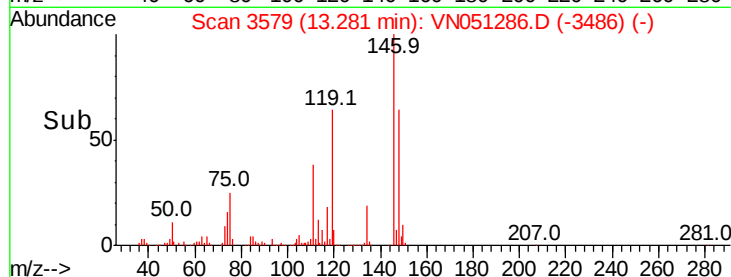
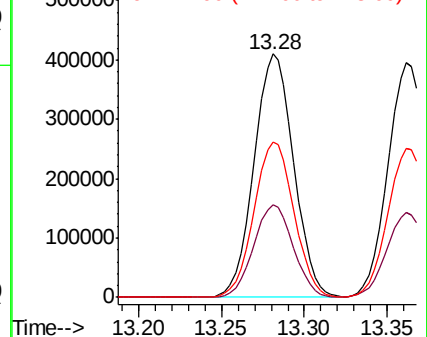
146 100

111 37.9 18.7 56.1

148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.804 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

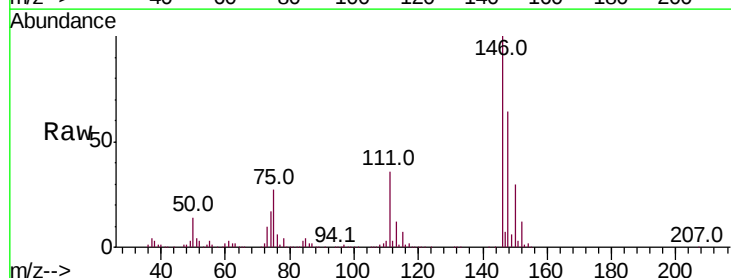
Tgt Ion:146 Resp: 652070

Ion Ratio Lower Upper

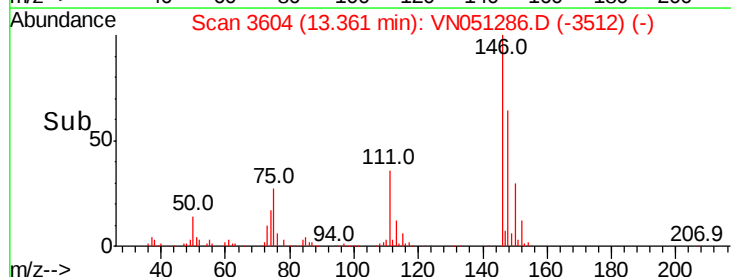
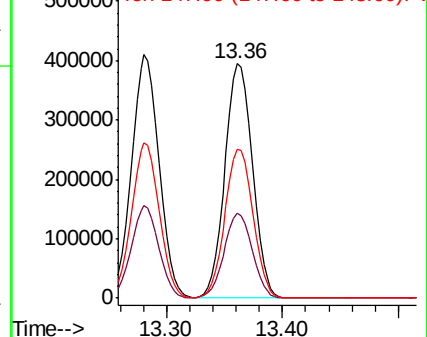
146 100

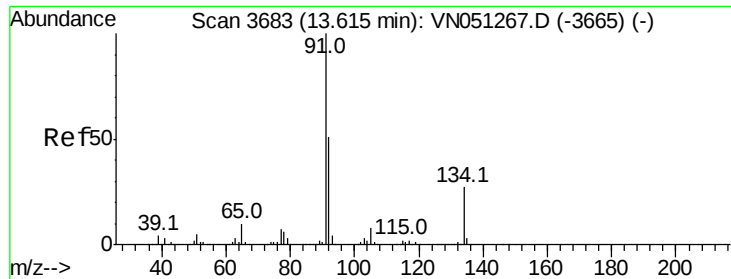
111 37.0 18.2 54.6

148 64.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

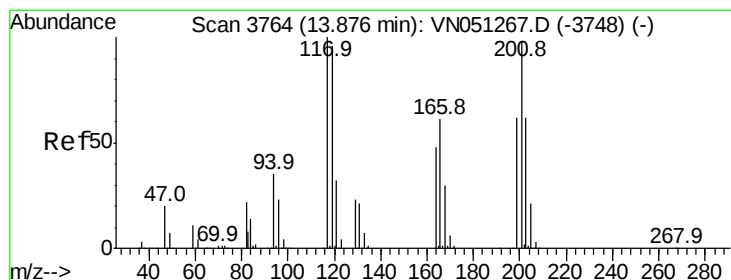
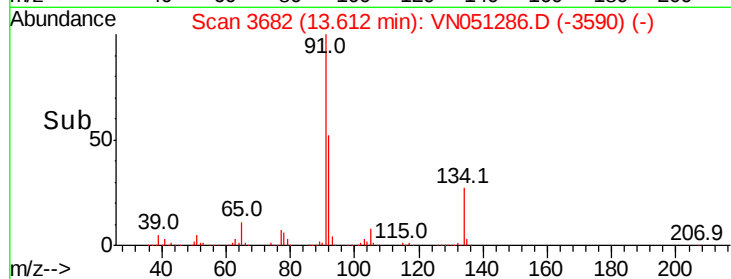
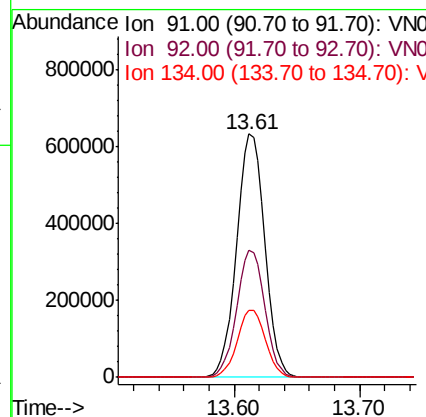
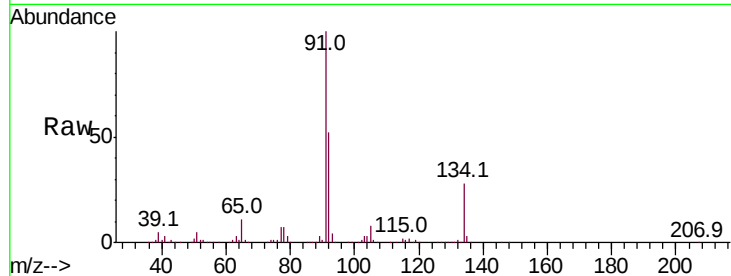




#89
n-Butylbenzene
Concen: 50.900 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

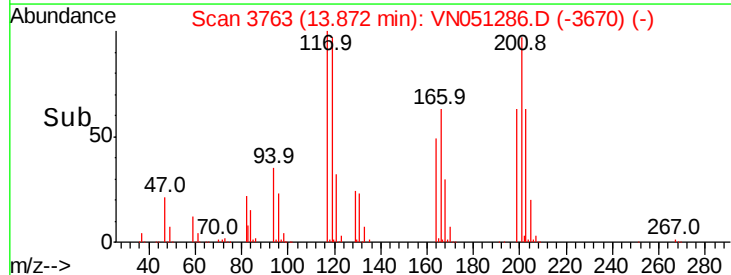
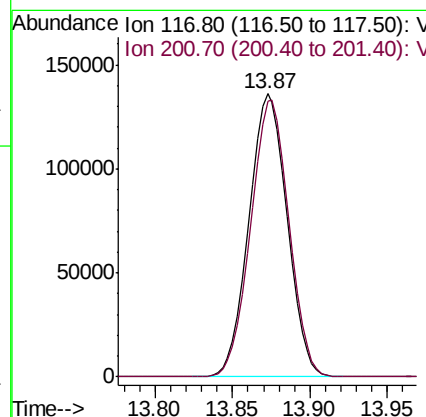
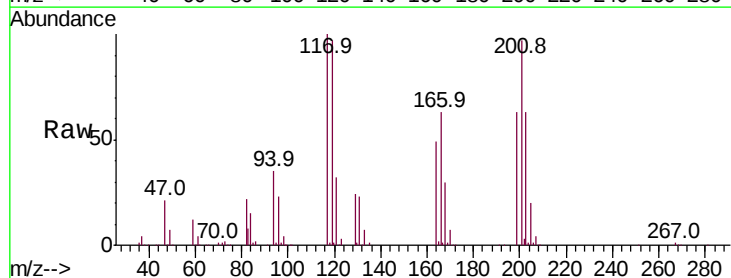
Instrument :
MSVOA_N
ClientSampleId :

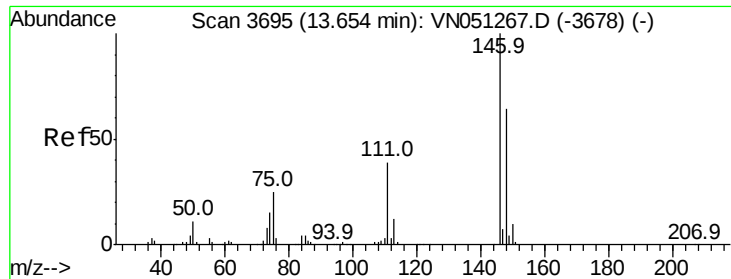
Tot Ion: 91 Resp: 984659
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.4
134 27.7 13.7 41.0



#90
Hexachloroethane
Concen: 51.091 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051286.D
Acq: 18 Sep 2018 8:44

Tgt Ion: 117 Resp: 234563
Ion Ratio Lower Upper
117 100
201 97.8 48.4 145.3





#91

1,2-Dichlorobenzene

Concen: 50.580 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

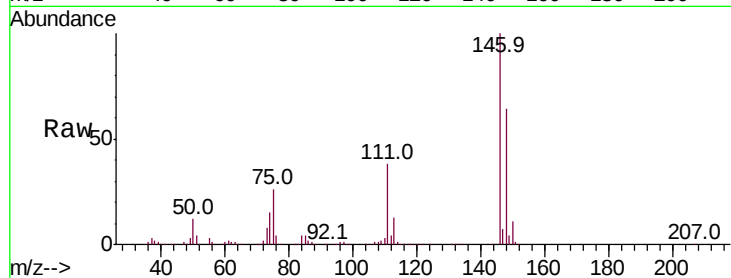
Tot Ion:146 Resp: 644439

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.7

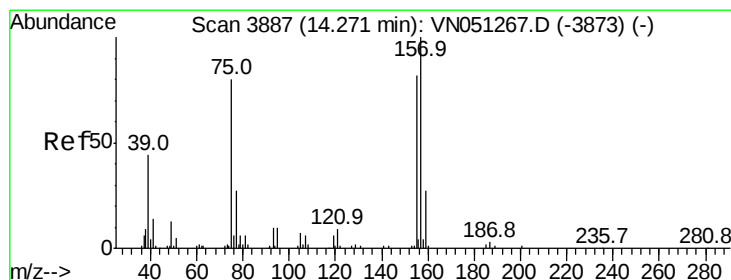
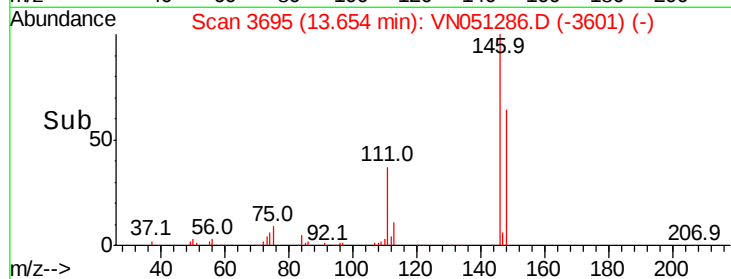
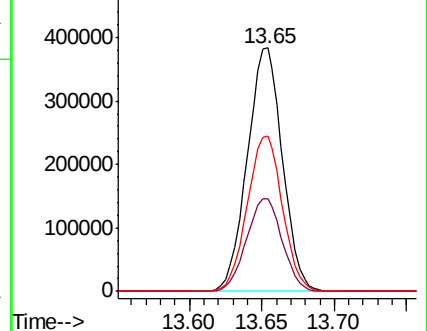
148 64.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.751 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

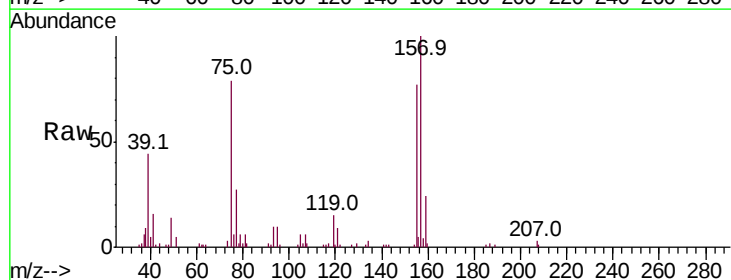
Tgt Ion: 75 Resp: 41739

Ion Ratio Lower Upper

75 100

155 99.0 50.2 150.7

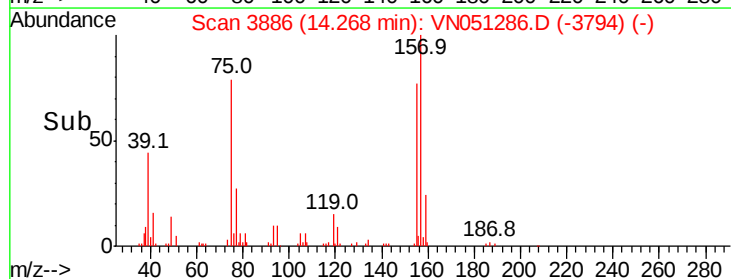
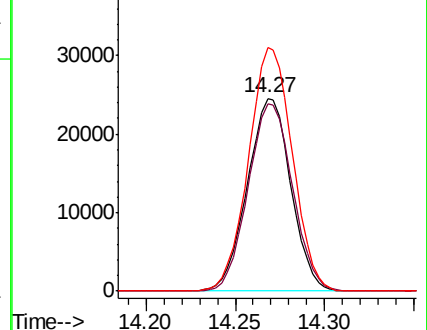
157 127.6 62.9 188.7

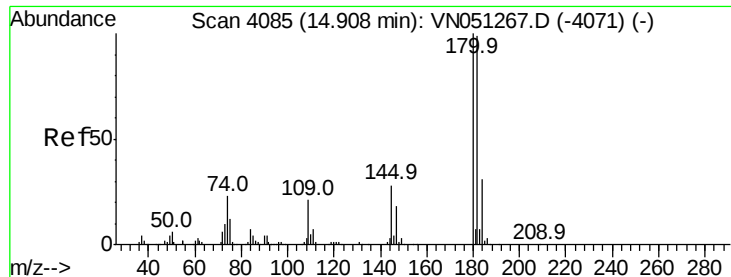


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

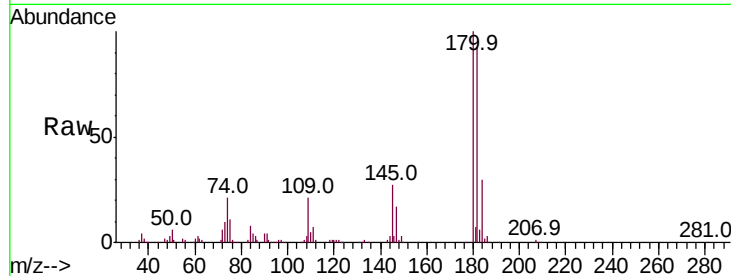




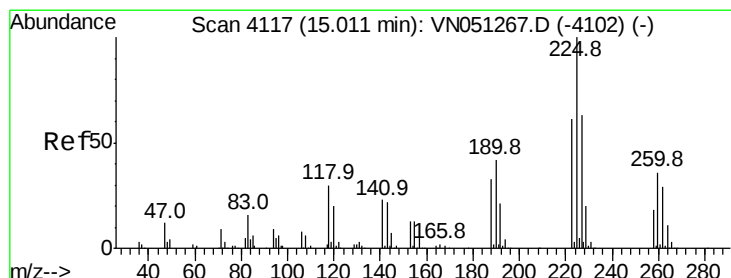
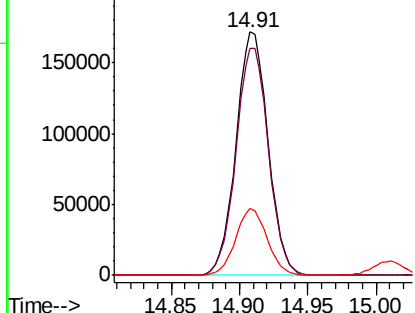
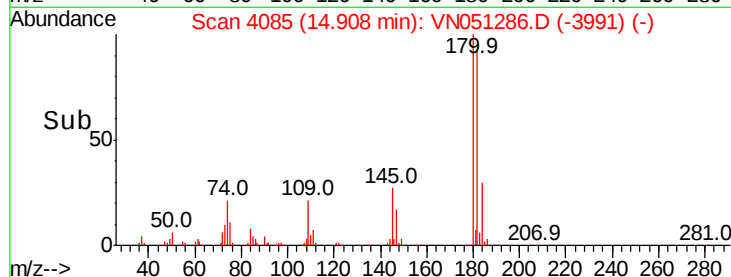
#93
 1,2,4-Trichlorobenzene
 Concen: 45.210 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	27.1	14.0	41.9

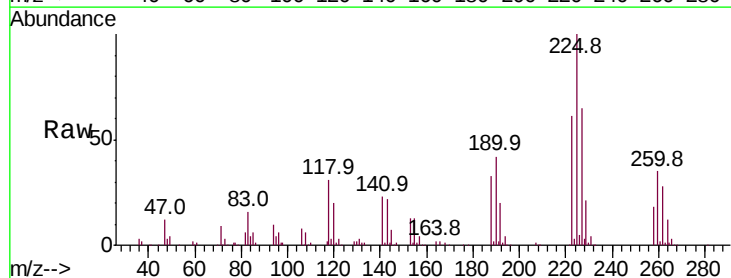


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

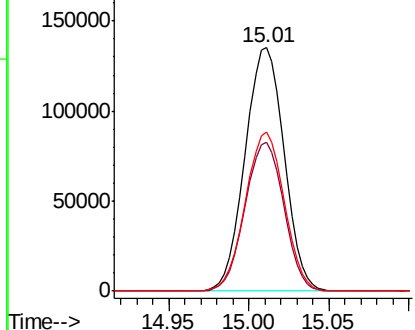
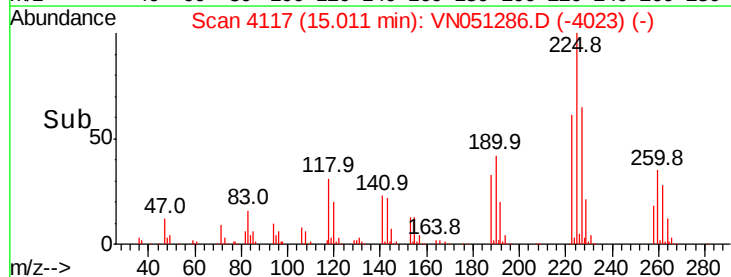


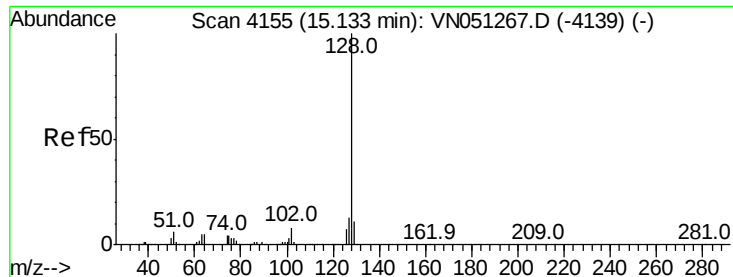
#94
 Hexachlorobutadiene
 Concen: 53.373 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051286.D
 Acq: 18 Sep 2018 8:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	30.8	92.3
227	65.0	32.1	96.3



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





#95

Naphthalene

Concen: 40.346 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

Instrument :

MSVOA_N

ClientSampleId :

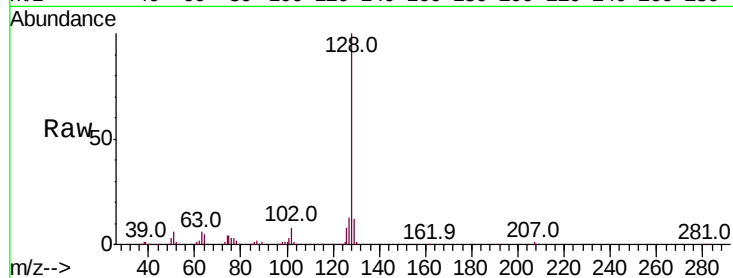
Tot Ion:128 Resp: 453393

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

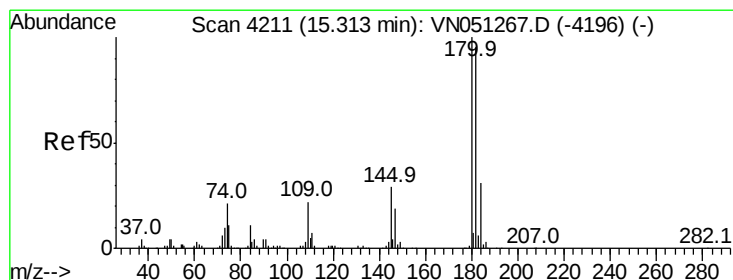
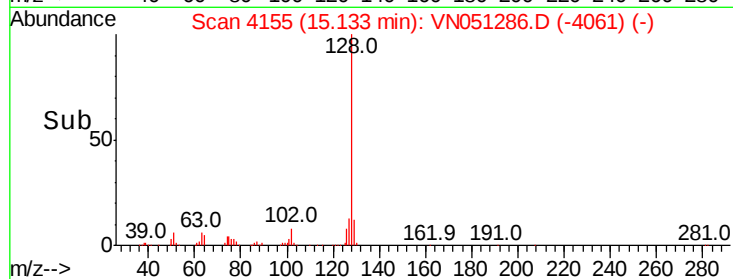
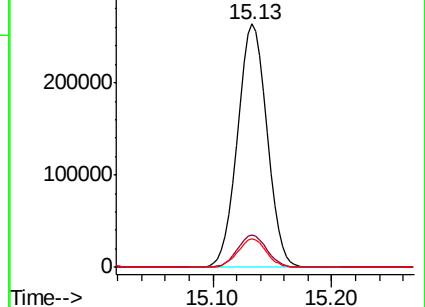
129 11.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.918 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051286.D

Acq: 18 Sep 2018 8:44

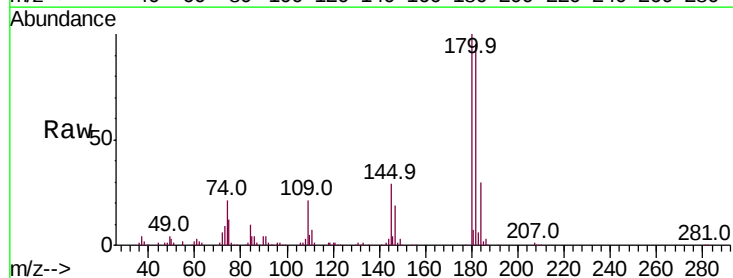
Tgt Ion:180 Resp: 269907

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 28.7 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

