

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052140.D
 Acq On : 2 Nov 2018 20:12
 Operator : MD\SY
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 23:16:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	287344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	530544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220237	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	197968	42.93	ug/l	0.00
Spiked Amount			Recovery	=	85.86%	
35) Dibromofluoromethane	7.60	113	168610	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	10.09	98	645483	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	226312	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	168467	48.234	ug/l	97
3) Chloromethane	2.06	50	191968	43.610	ug/l	99
4) Vinyl Chloride	2.19	62	203766	43.008	ug/l	97
5) Bromomethane	2.57	94	125864	35.414	ug/l	97
6) Chloroethane	2.71	64	129477	42.326	ug/l	97
7) Trichlorofluoromethane	3.02	101	276636	51.127	ug/l	99
8) Diethyl Ether	3.41	74	97007	48.062	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.76	101	153322	48.032	ug/l	95
10) Methyl Iodide	3.96	142	203500	48.647	ug/l	99
11) Tert butyl alcohol	4.79	59	59610	258.161	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	144994	48.100	ug/l	93
13) Acrolein	3.61	56	33190	153.208	ug/l	97
14) Allyl chloride	4.33	41	264614	43.864	ug/l	98
15) Acrylonitrile	4.99	53	333886	252.938	ug/l	99
16) Acetone	3.82	43	233849	237.593	ug/l	99
17) Carbon Disulfide	4.06	76	395444	41.632	ug/l	99
18) Methyl Acetate	4.33	43	158438	50.567	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	467529	47.219	ug/l	98
20) Methylene Chloride	4.56	84	176789	47.139	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	161676	47.037	ug/l	94
22) Diisopropyl ether	5.96	45	585498	44.903	ug/l	99
23) Vinyl Acetate	5.90	43	2124164	235.116	ug/l	98
24) 1,1-Dichloroethane	5.85	63	323819	44.413	ug/l	99
25) 2-Butanone	6.84	43	397322	257.375	ug/l	96
26) 2,2-Dichloropropane	6.83	77	214117	36.977	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	189704	46.215	ug/l	94
28) Bromochloromethane	7.20	49	151956	42.054	ug/l	87
29) Tetrahydrofuran	7.22	42	267514	260.108	ug/l	96
30) Chloroform	7.38	83	329533	45.279	ug/l	94
31) Cyclohexane	7.66	56	285033	41.692	ug/l	94
32) 1,1,1-Trichloroethane	7.58	97	281917	48.165	ug/l	97
36) 1,1-Dichloropropene	7.80	75	244274	45.281	ug/l	97
37) Ethyl Acetate	6.93	43	181659	50.310	ug/l	98
38) Carbon Tetrachloride	7.78	117	240484	51.701	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	283587	44.298	ug/l	94
40) Benzene	8.05	78	739624	47.400	ug/l	97
41) Methacrylonitrile	7.18	41	98655	52.938	ug/l #	92
42) 1,2-Dichloroethane	8.13	62	252097	43.780	ug/l	97
43) Isopropyl Acetate	8.17	43	341921	53.241	ug/l #	91
44) Trichloroethene	8.84	130	179257	51.369	ug/l	93
45) 1,2-Dichloropropane	9.12	63	199041	44.779	ug/l	97
46) Dibromomethane	9.21	93	125577	50.549	ug/l	93
47) Bromodichloromethane	9.41	83	256487	49.502	ug/l	97
48) Methyl methacrylate	9.20	41	161408	49.572	ug/l	98
49) 1,4-Dioxane	9.20	88	30752	1123.198	ug/l	87
51) 4-Methyl-2-Pentanone	9.99	43	940488	269.432	ug/l	100
52) Toluene	10.16	92	452682	48.059	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	250904	45.803	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	285441	46.920	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	174247	51.939	ug/l	96
56) Ethyl methacrylate	10.43	69	239863	49.983	ug/l	98
57) 1,3-Dichloropropane	10.71	76	293150	47.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	636343	249.289	ug/l	96
59) 2-Hexanone	10.75	43	658278	264.635	ug/l	99
60) Dibromochloromethane	10.90	129	183210	55.472	ug/l	97
61) 1,2-Dibromoethane	11.01	107	178542	53.535	ug/l	99
64) Tetrachloroethene	10.63	164	154408	52.634	ug/l	98
65) Chlorobenzene	11.44	112	512515	50.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	179343	56.000	ug/l	99
67) Ethyl Benzene	11.51	91	884503	48.630	ug/l	99
68) m/p-Xylenes	11.62	106	677524	104.071	ug/l	95
69) o-Xylene	11.95	106	327967	50.911	ug/l	98
70) Styrene	11.97	104	544168	52.206	ug/l	97
71) Bromoform	12.13	173	113185	54.778	ug/l #	99
73) Isopropylbenzene	12.25	105	870406	46.216	ug/l	98
74) N-amyl acetate	12.07	43	309612	47.106	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	225192	49.864	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	279602	69.354	ug/l #	100
77) Bromobenzene	12.53	156	205882	52.248	ug/l	83
78) n-propylbenzene	12.59	91	1019698	44.683	ug/l	97
79) 2-Chlorotoluene	12.68	91	592354	44.527	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	702590	45.843	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	57455	47.303	ug/l	98
82) 4-Chlorotoluene	12.77	91	613961	45.258	ug/l	96
83) tert-Butylbenzene	12.99	119	616516	47.887	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	712817	46.727	ug/l	98
85) sec-Butylbenzene	13.17	105	838035	45.568	ug/l	96
86) p-Isopropyltoluene	13.29	119	710395	47.430	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	364456	50.716	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	359979	49.980	ug/l	97
89) n-Butylbenzene	13.62	91	615678	43.102	ug/l	98
90) Hexachloroethane	13.88	117	123911	48.274	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	356052	52.698	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34253	52.573	ug/l	80

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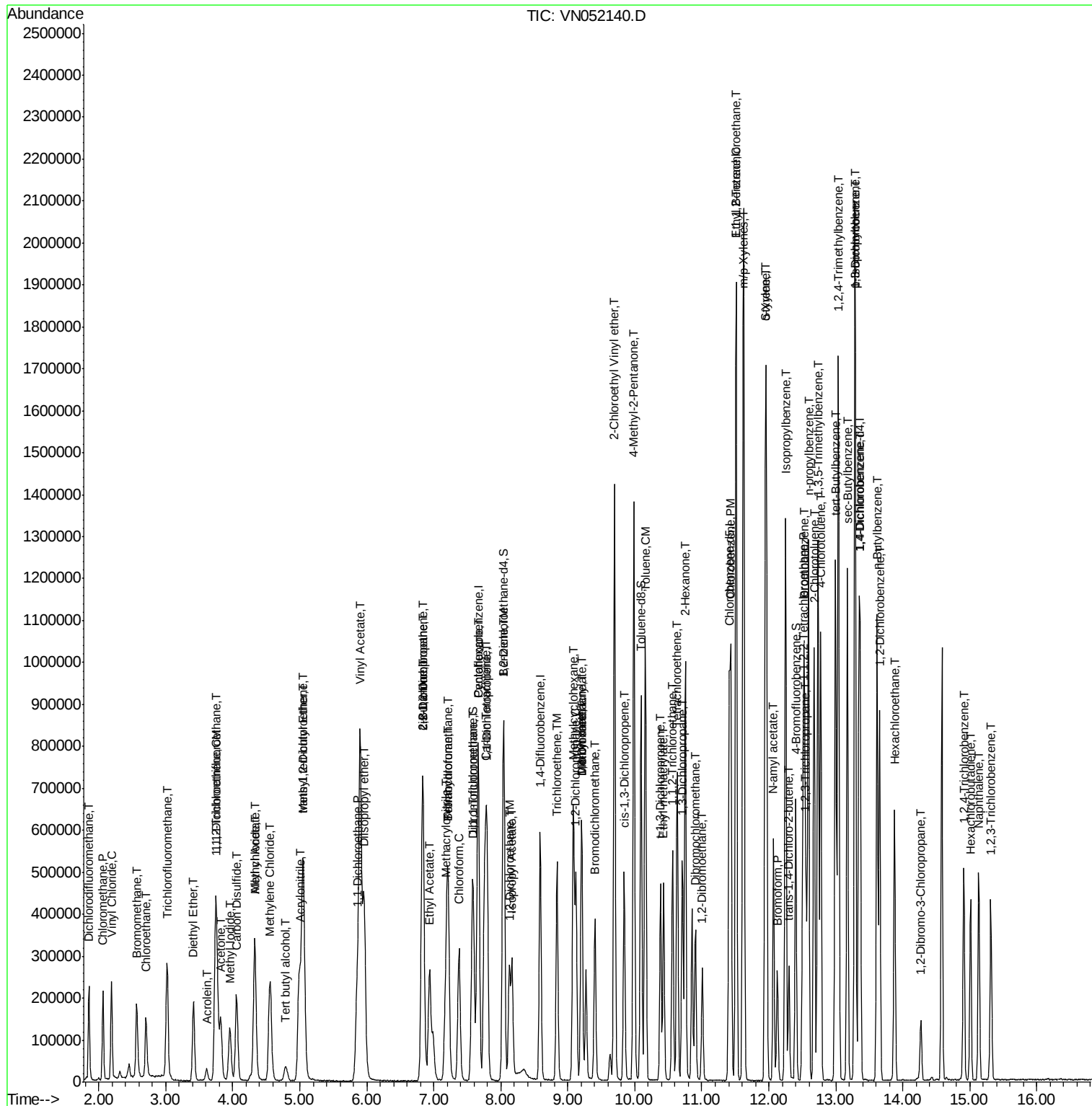
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	150553	59.841	ug/l	99
94) Hexachlorobutadiene	15.01	225	69115	49.083	ug/l	99
95) Naphthalene	15.13	128	408411	64.720	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	137369	63.272	ug/l	97

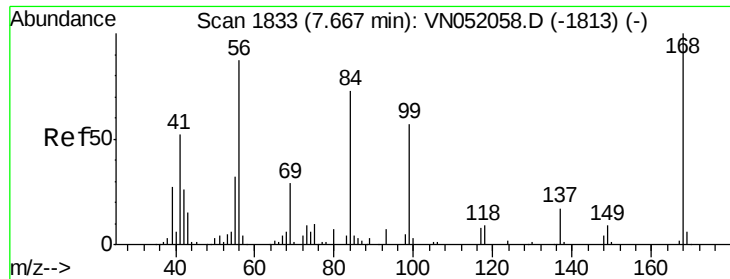
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110218\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

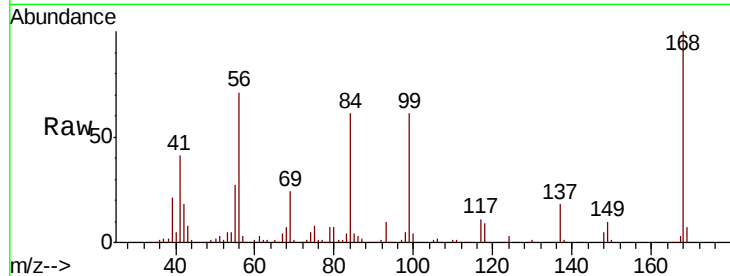
VSTDCCC050EC

Tot Ion:168 Resp: 287344

Ion Ratio Lower Upper

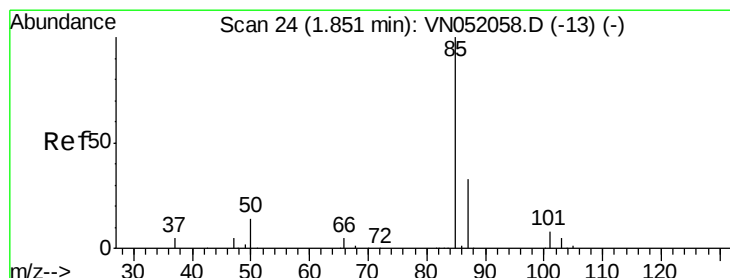
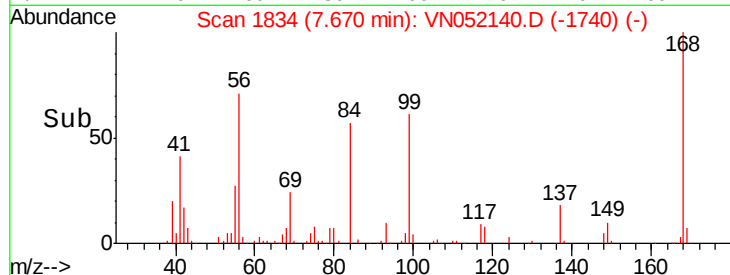
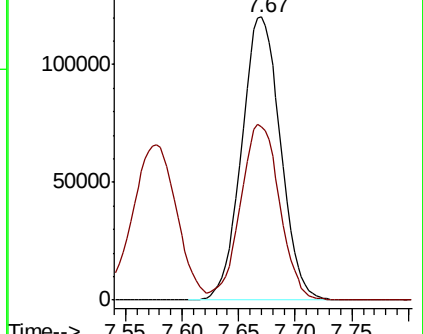
168 100

99 61.1 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.234 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052140.D

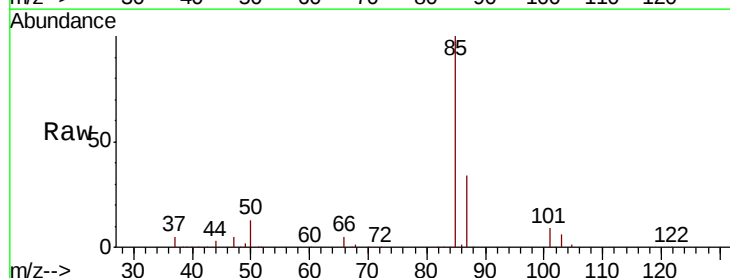
Acq: 2 Nov 2018 20:12

Tgt Ion: 85 Resp: 168467

Ion Ratio Lower Upper

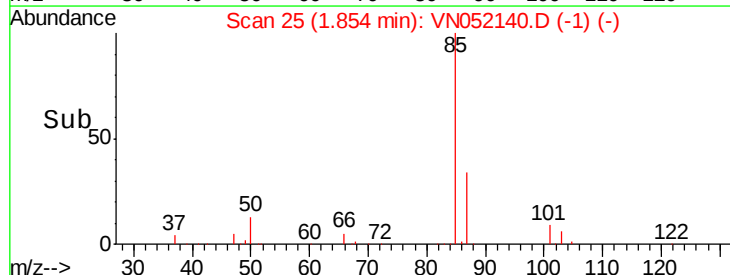
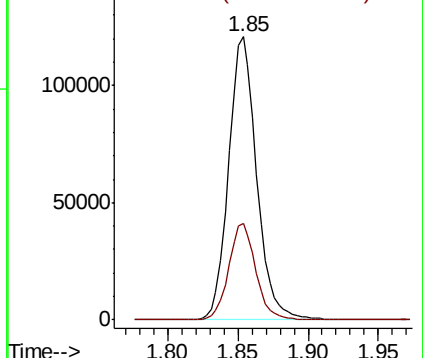
85 100

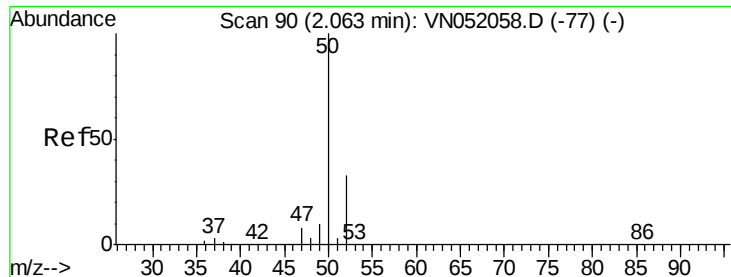
87 34.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.610 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

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ClientSampleId :

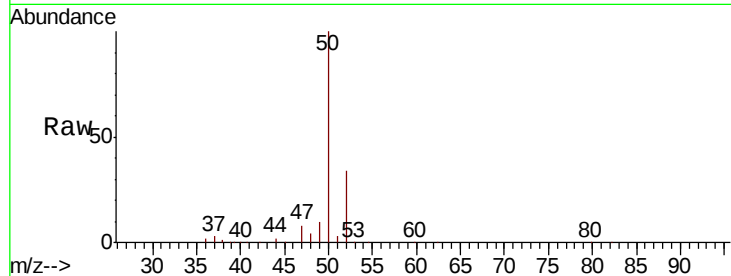
VSTDCCC050EC

Tot Ion: 50 Resp: 191968

Ion Ratio Lower Upper

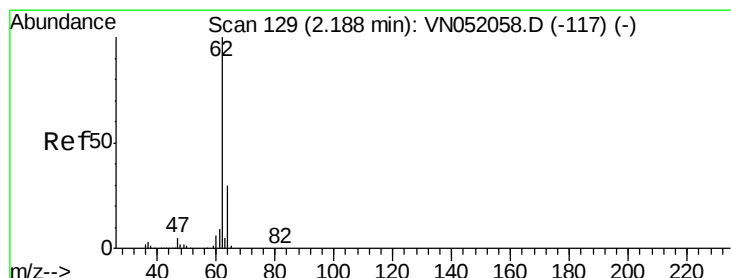
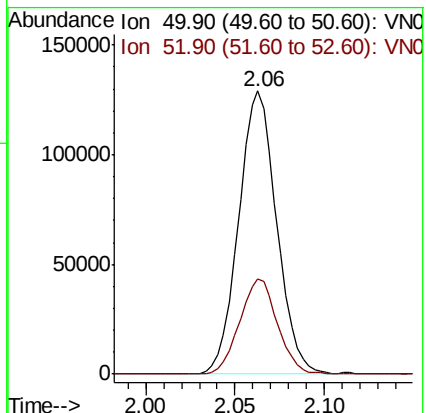
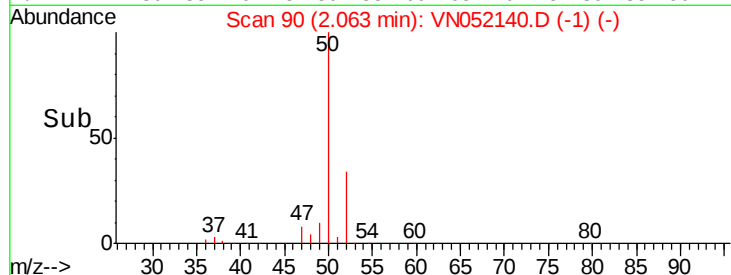
50 100

52 33.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN052140.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN052140.D (-1) (-)



#4

Vinyl Chloride

Concen: 43.008 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052140.D

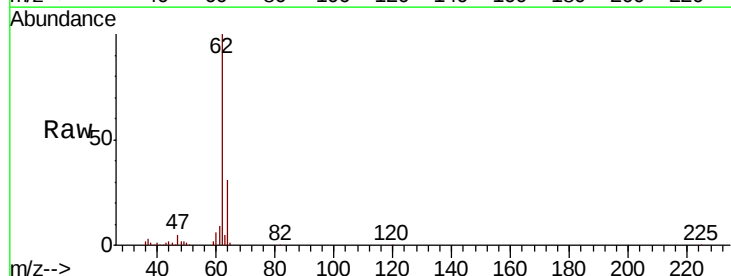
Acq: 2 Nov 2018 20:12

Tgt Ion: 62 Resp: 203766

Ion Ratio Lower Upper

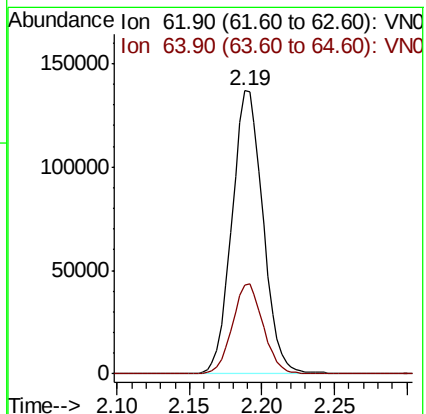
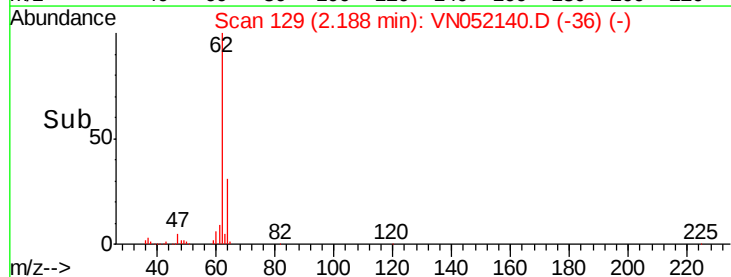
62 100

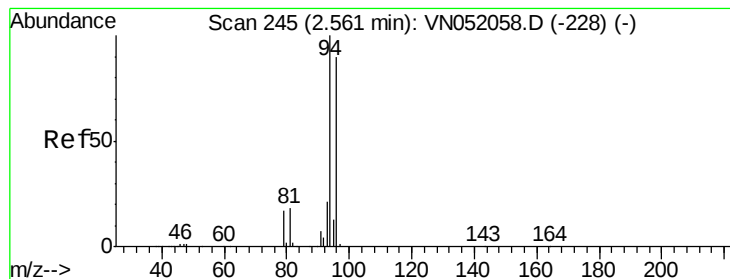
64 31.5 23.7 35.5



Abundance Ion 61.90 (61.60 to 62.60): VN052140.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VN052140.D (-36) (-)





#5

Bromomethane

Concen: 35.414 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

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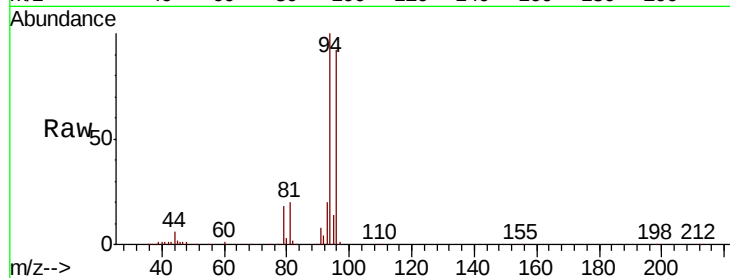
VSTDCCC050EC

Tot Ion: 94 Resp: 125864

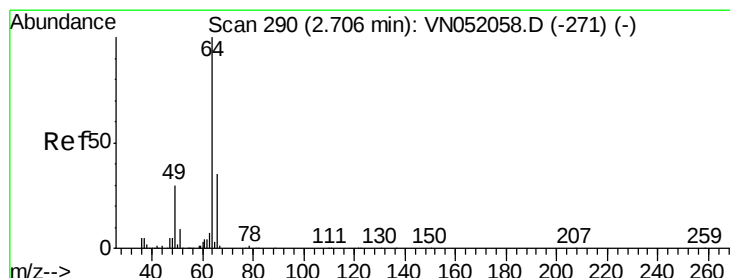
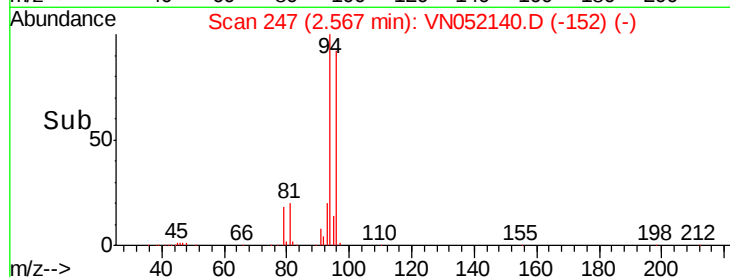
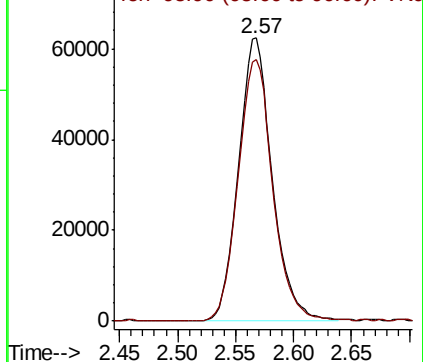
Ion Ratio Lower Upper

94 100

96 92.4 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.326 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052140.D

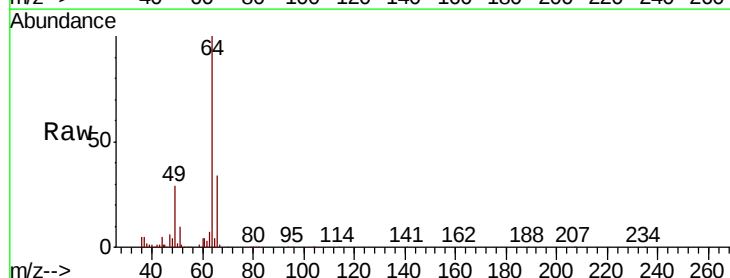
Acq: 2 Nov 2018 20:12

Tgt Ion: 64 Resp: 129477

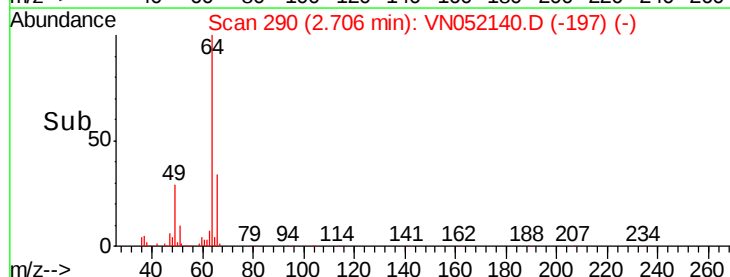
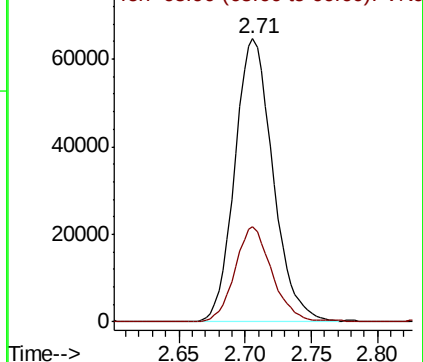
Ion Ratio Lower Upper

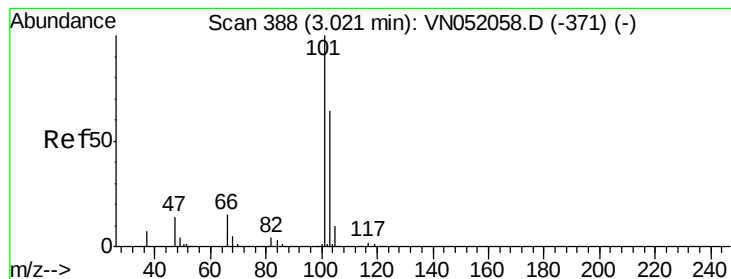
64 100

66 33.3 27.9 41.9



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



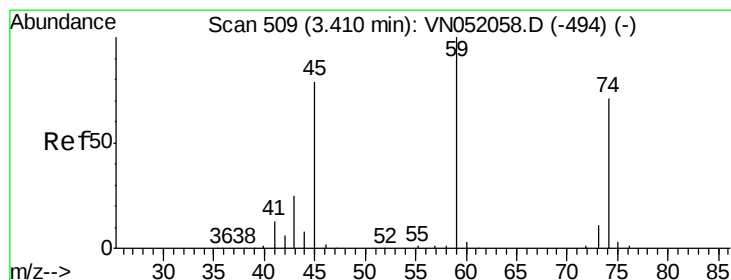
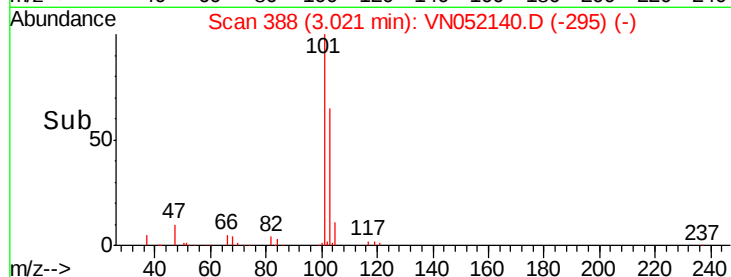
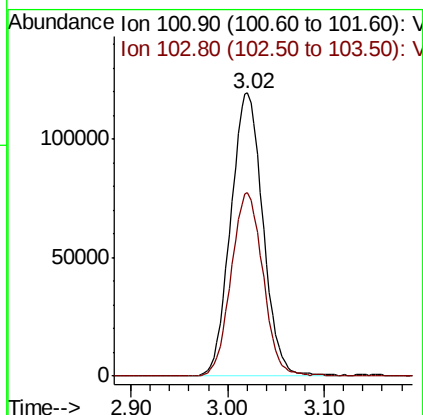
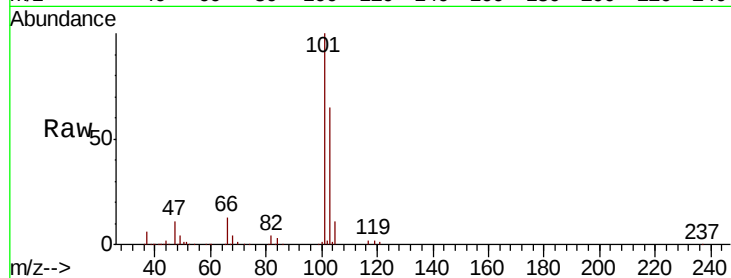


#7

Trichlorofluoromethane
 Concen: 51.127 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Instrument :
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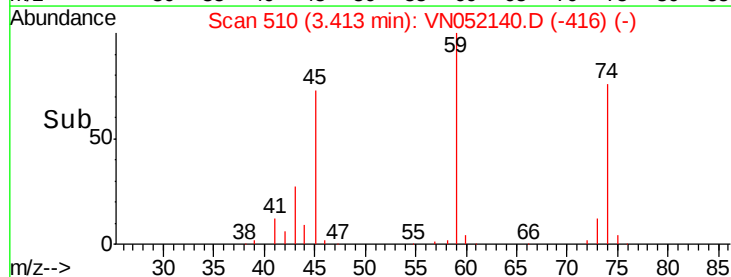
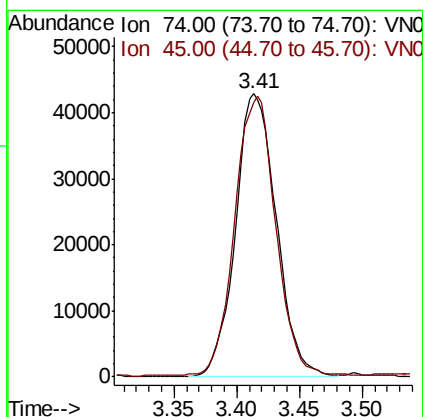
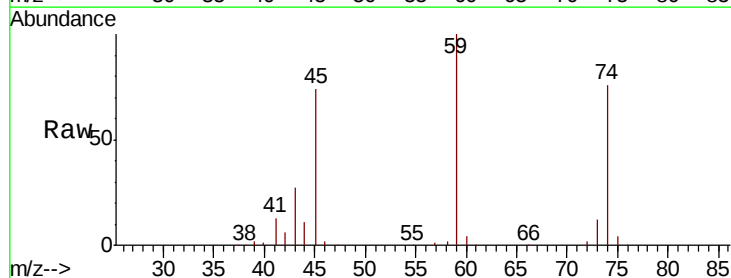
Tot Ion:101 Resp: 276636
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.4

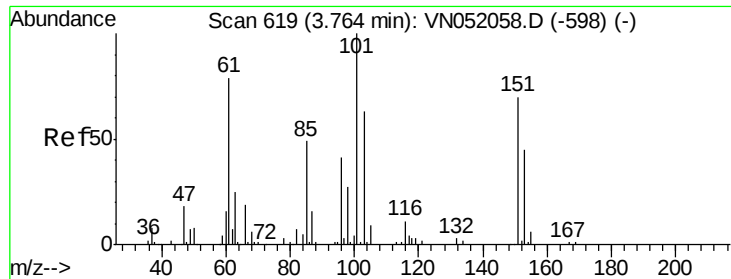


#8

Diethyl Ether
 Concen: 48.062 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 74 Resp: 97007
 Ion Ratio Lower Upper
 74 100
 45 98.8 55.6 166.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.032 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

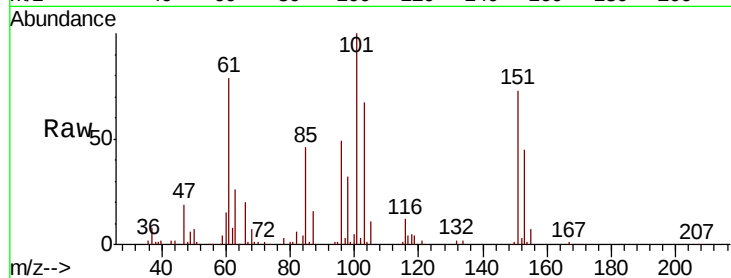
Tot Ion:101 Resp: 153322

Ion Ratio Lower Upper

101 100

85 46.6 38.6 58.0

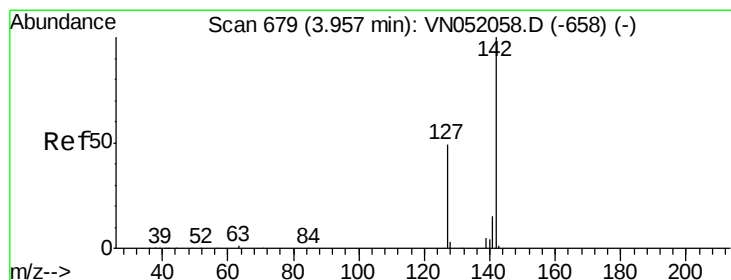
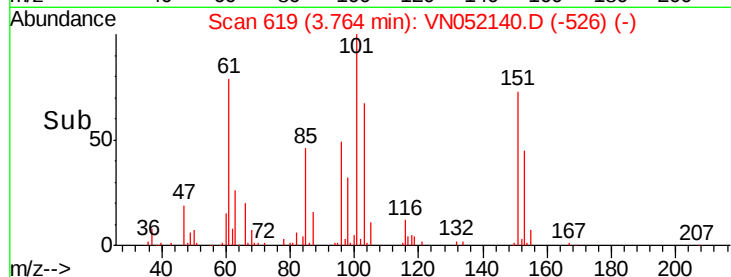
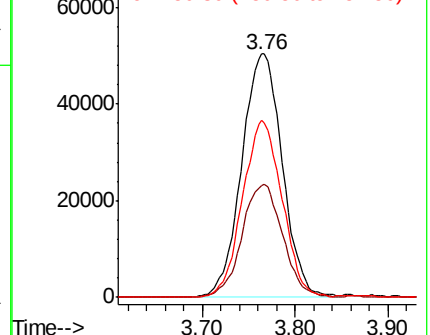
151 70.6 52.6 78.8



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: 48.647 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

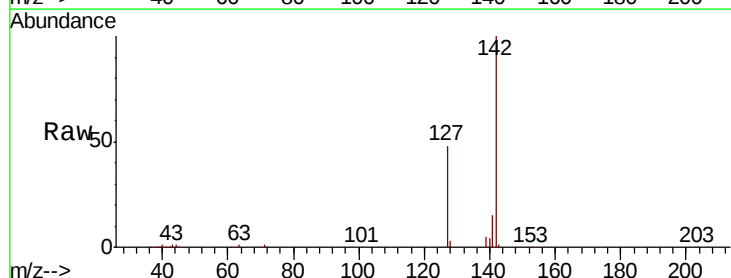
Tgt Ion:142 Resp: 203500

Ion Ratio Lower Upper

142 100

127 45.7 37.3 55.9

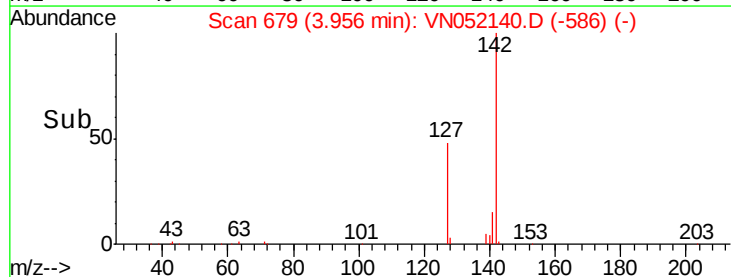
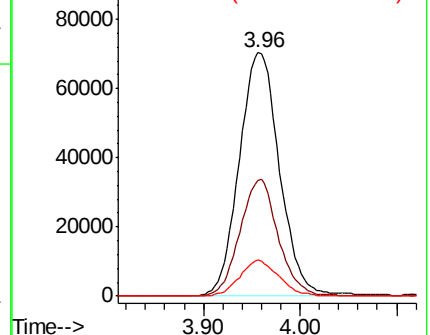
141 14.3 11.4 17.2

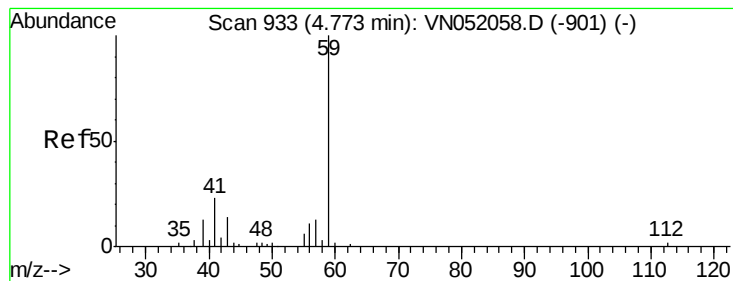


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



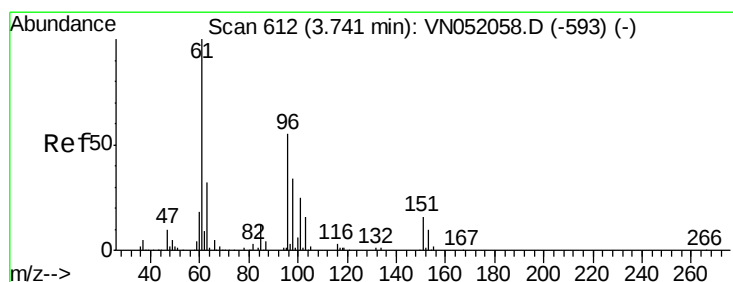
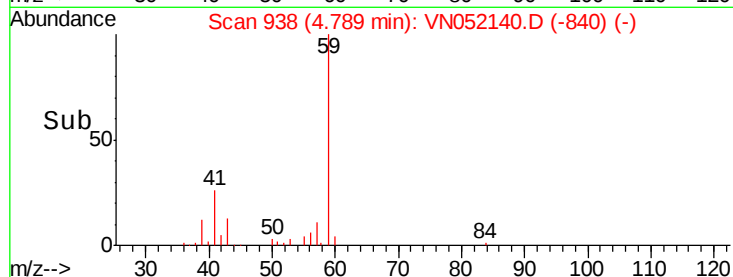
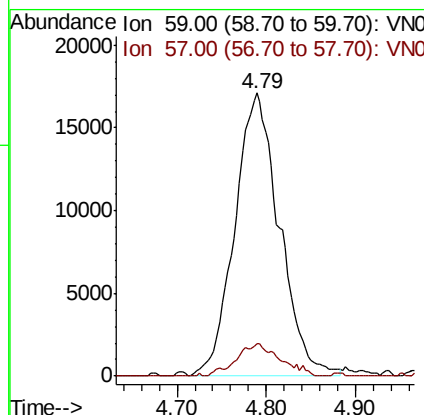
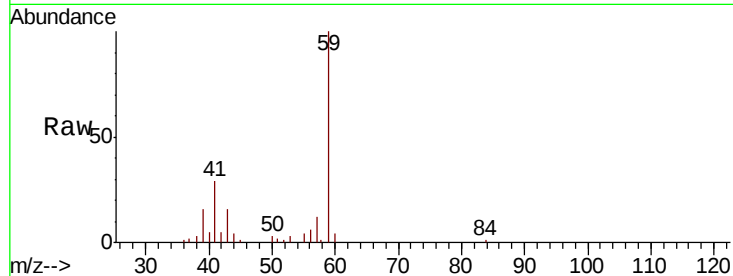


#11

Tert butyl alcohol
 Concen: 258.161 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.02 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

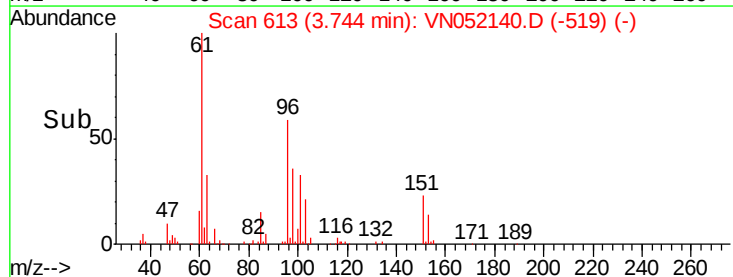
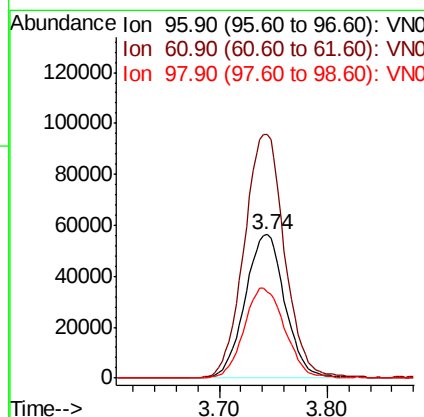
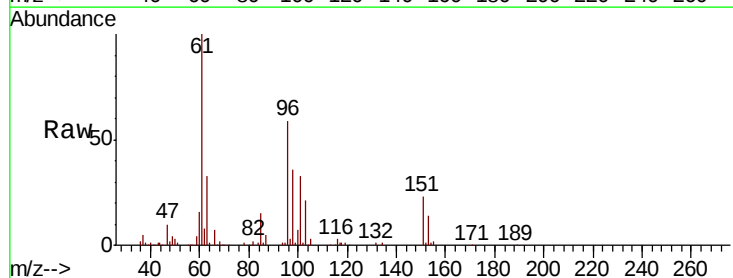
Tot Ion: 59 Resp: 59610
 Ion Ratio Lower Upper
 59 100
 57 6.5 7.0 10.6#

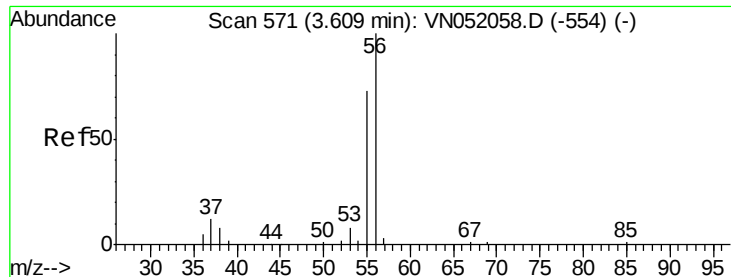


#12

1,1-Dichloroethene
 Concen: 48.100 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 96 Resp: 144994
 Ion Ratio Lower Upper
 96 100
 61 169.7 145.7 218.5
 98 60.6 49.8 74.8





#13

Acrolein

Concen: 153.208 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

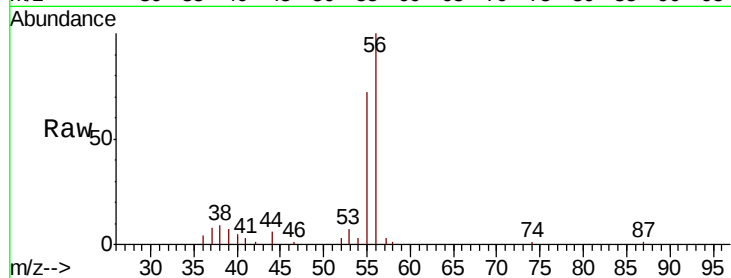
VSTDCCC050EC

Tot Ion: 56 Resp: 33190

Ion Ratio Lower Upper

56 100

55 72.2 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN052140.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN052140.D (-554) (-)

3.61

15000

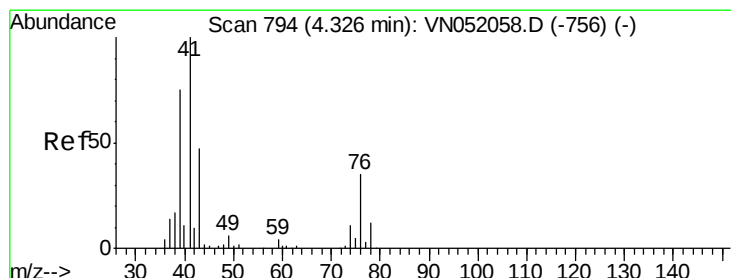
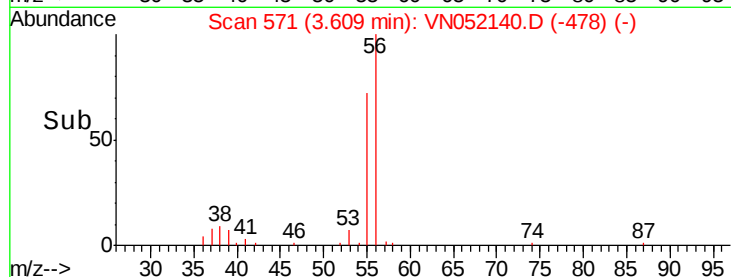
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 43.864 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

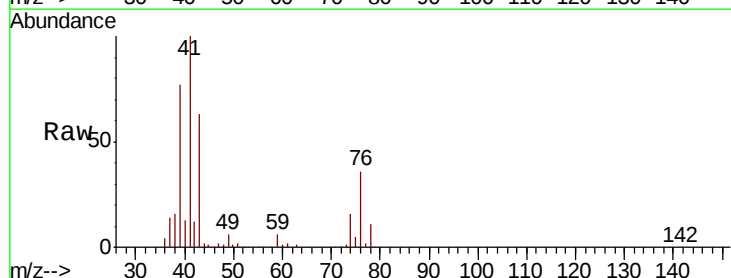
Tgt Ion: 41 Resp: 264614

Ion Ratio Lower Upper

41 100

39 71.8 58.1 87.1

76 34.6 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN052140.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN052140.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN052140.D (-701) (-)

4.33

100000

80000

60000

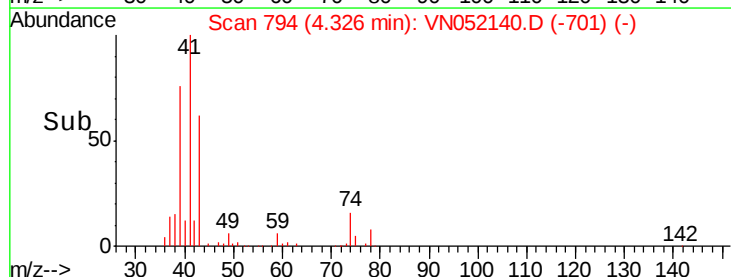
40000

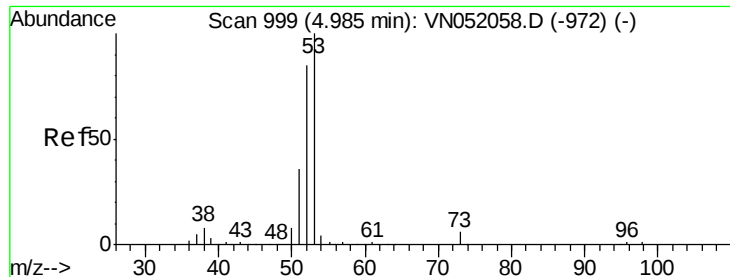
20000

0

Time-->

4.20 4.30 4.40

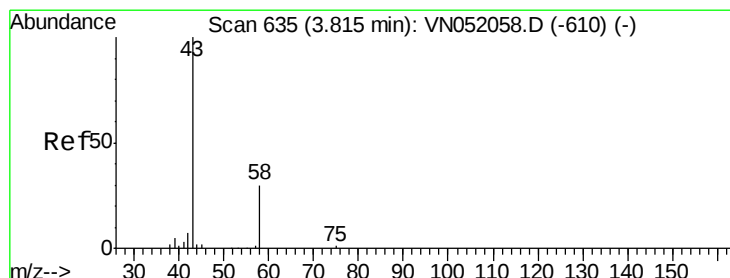
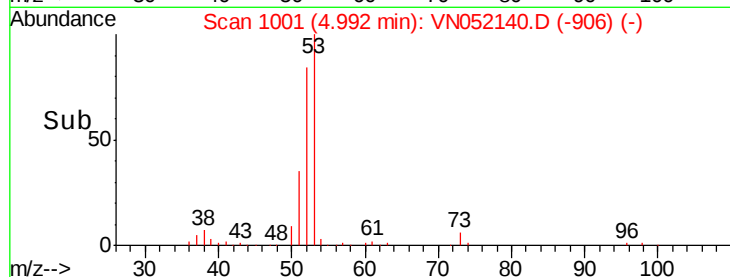
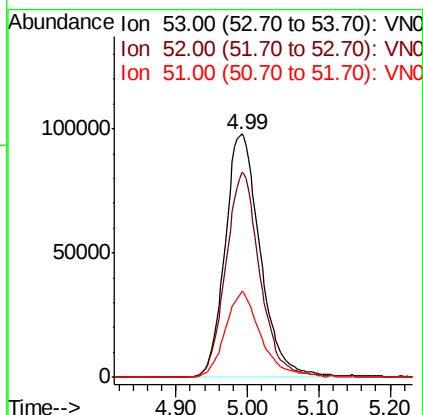
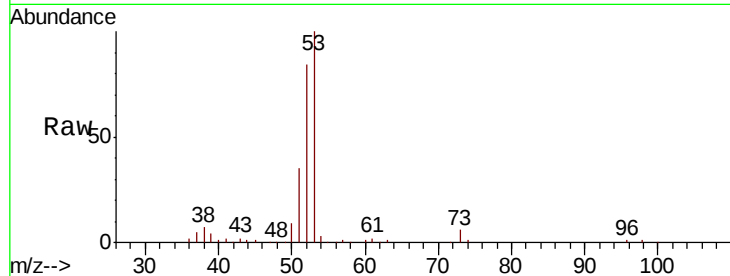




#15
 Acrylonitrile
 Concen: 252.938 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

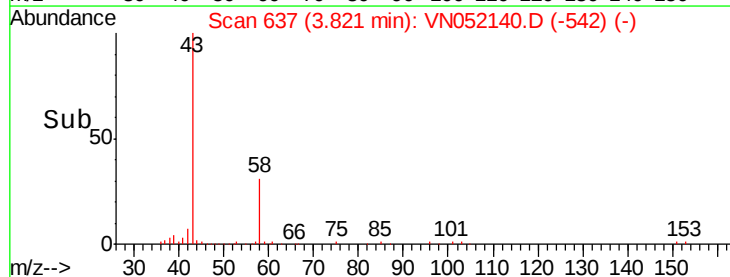
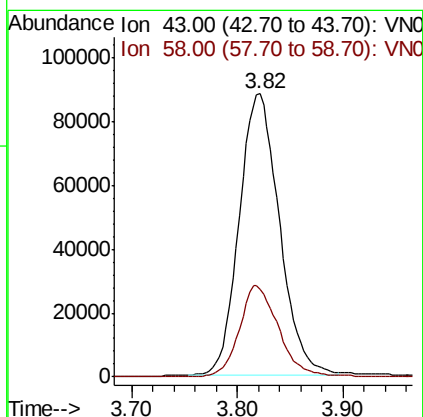
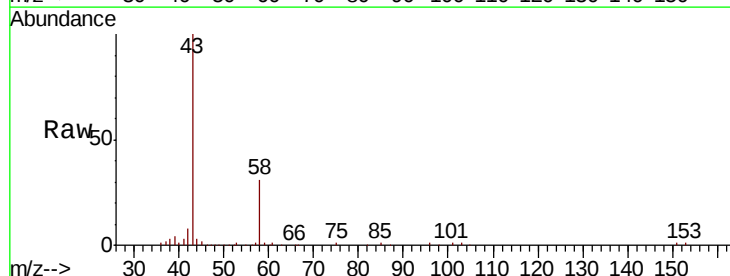
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

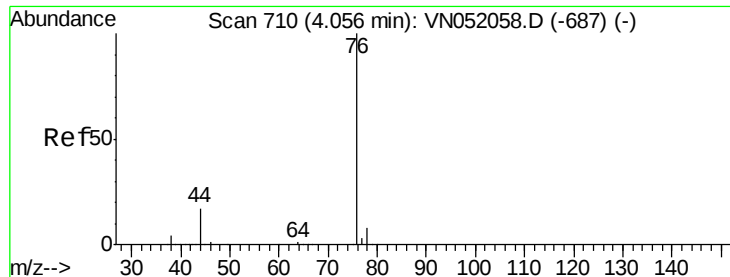
Tot Ion: 53 Resp: 333886
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.6 100.0
 51 35.4 29.0 43.6



#16
 Acetone
 Concen: 237.593 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 43 Resp: 233849
 Ion Ratio Lower Upper
 43 100
 58 30.9 24.2 36.2

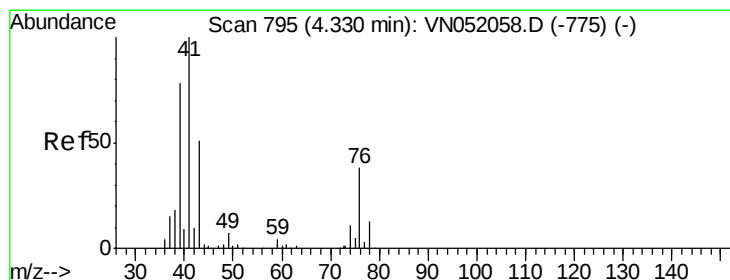
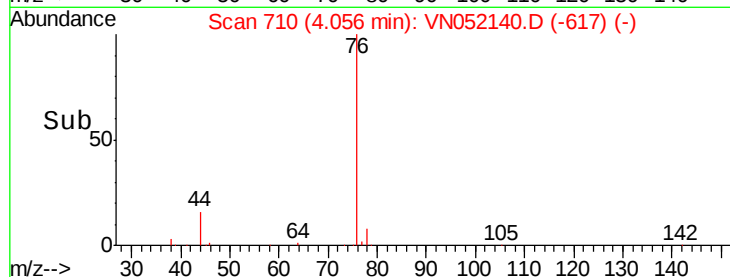
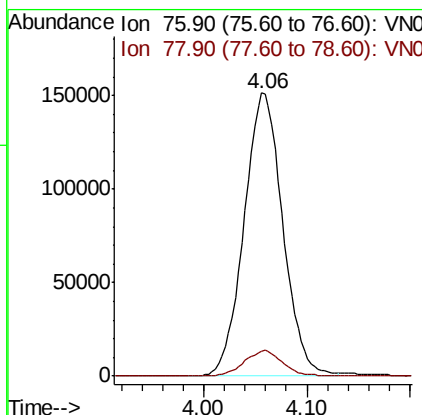
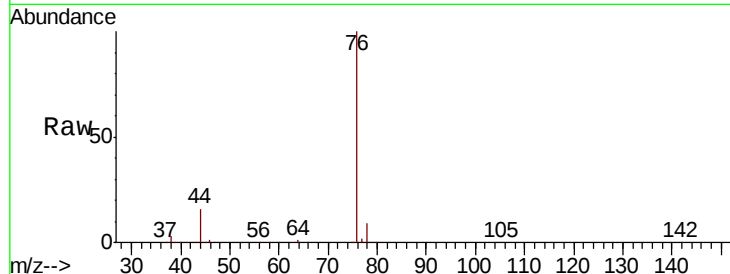




#17
Carbon Disulfide
Concen: 41.632 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

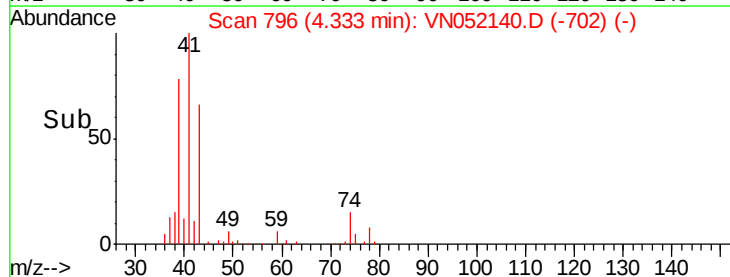
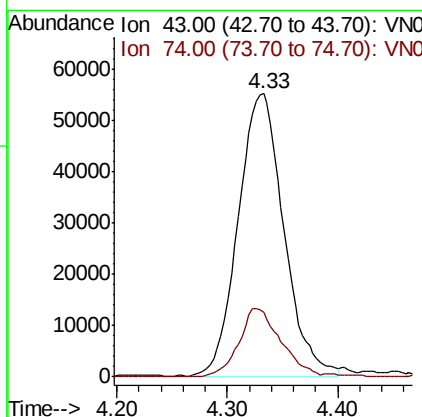
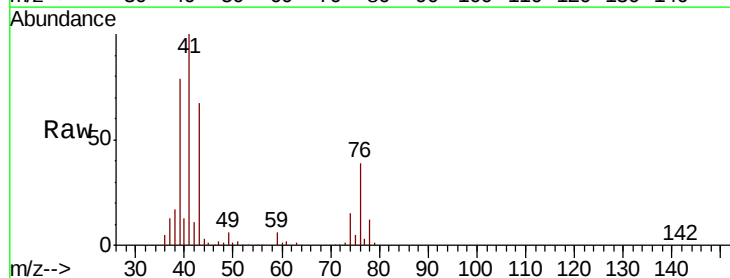
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

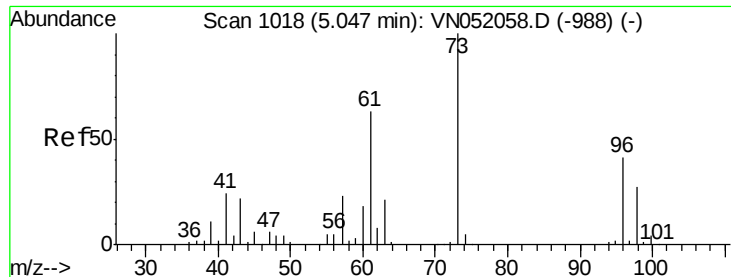
Tot Ion: 76 Resp: 395444
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 50.567 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 43 Resp: 158438
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9

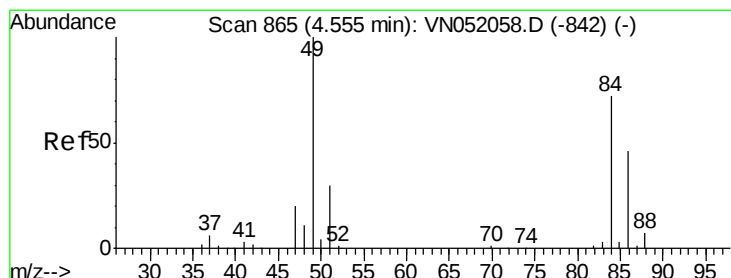
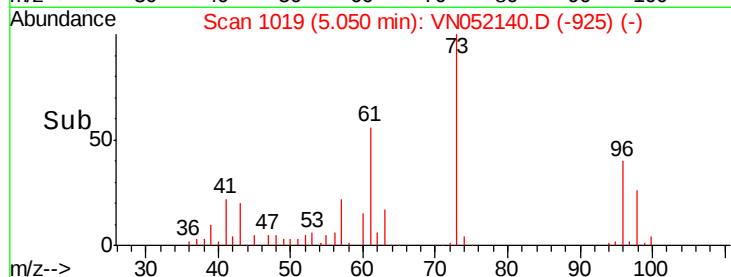
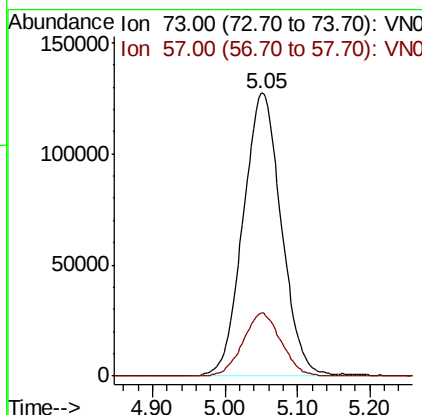
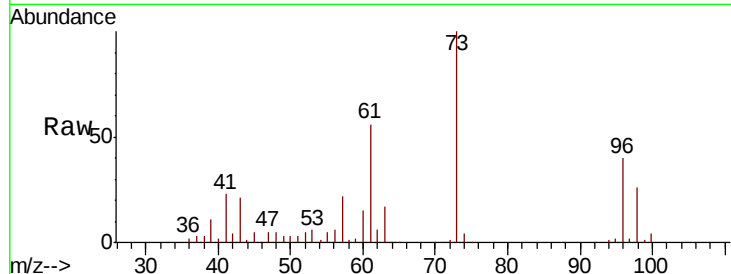




#19
Methvl tert-butvl Ether
Concen: 47.219 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

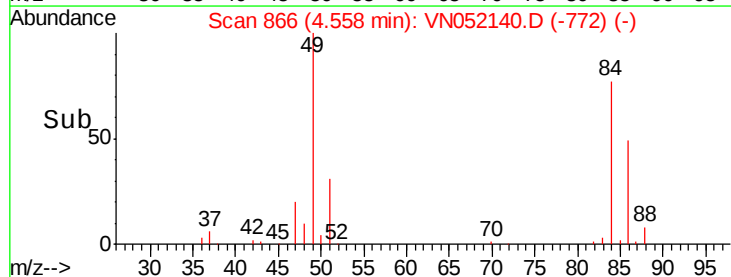
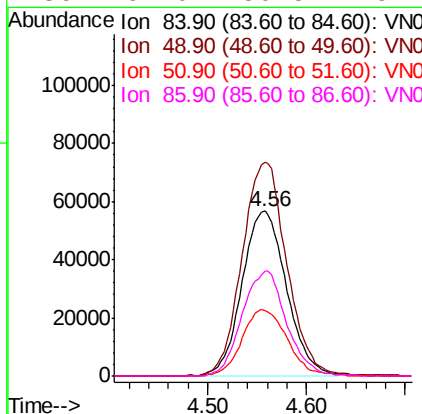
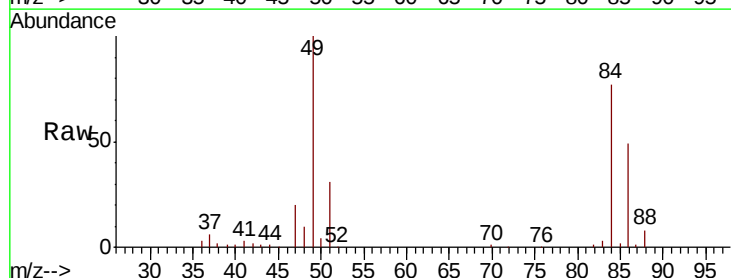
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

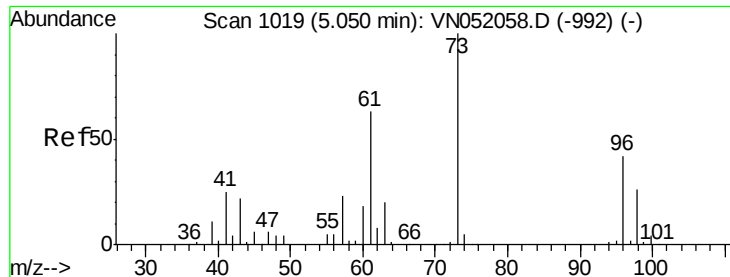
Tot Ion: 73 Resp: 467529
Ion Ratio Lower Upper
73 100
57 22.2 18.7 28.1



#20
Methylene Chloride
Concen: 47.139 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 84 Resp: 176789
Ion Ratio Lower Upper
84 100
49 129.2 110.6 165.8
51 40.0 33.7 50.5
86 64.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.037 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

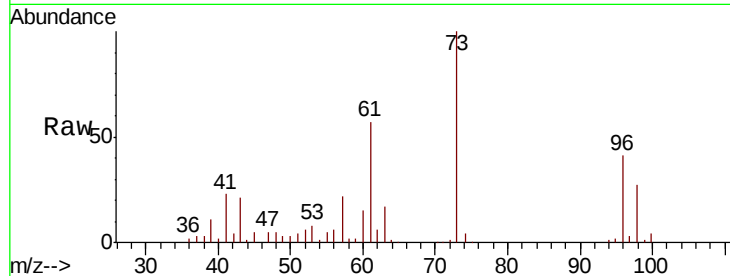
Tot Ion: 96 Resp: 161676

Ion Ratio Lower Upper

96 100

61 138.6 118.6 178.0

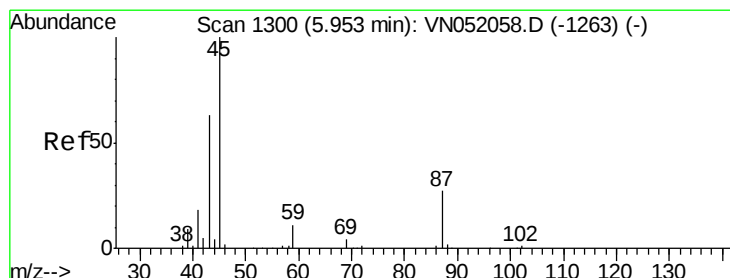
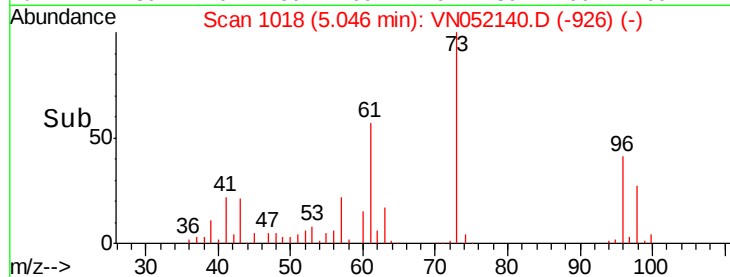
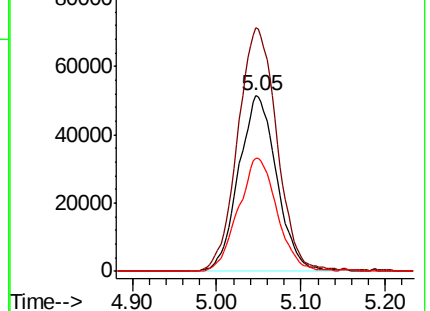
98 64.1 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VN052058.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN052058.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN052058.D (-992) (-)



#22

Diisopropyl ether

Concen: 44.903 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Tgt Ion: 45 Resp: 585498

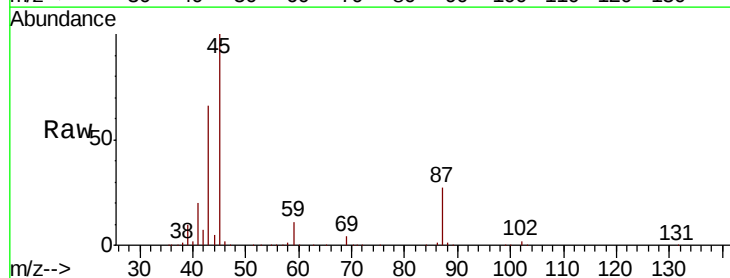
Ion Ratio Lower Upper

45 100

43 64.0 50.5 75.7

87 27.2 21.5 32.3

59 11.2 8.6 13.0

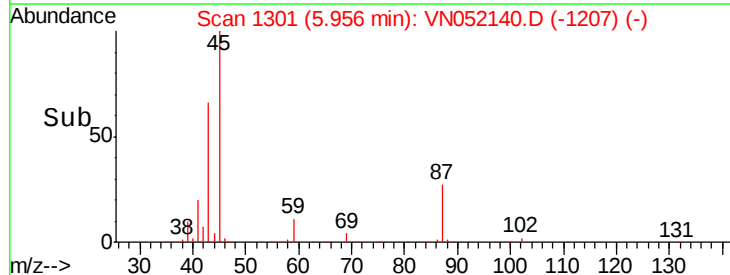
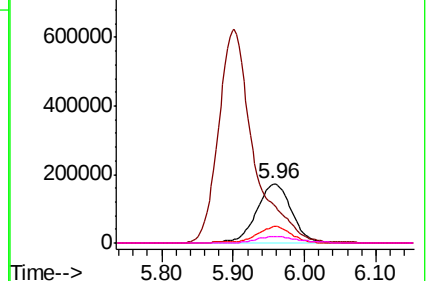


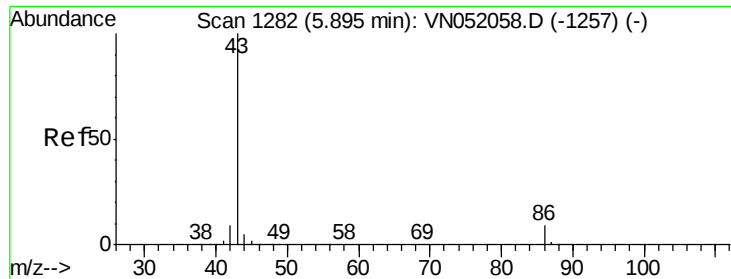
Abundance Ion 45.00 (44.70 to 45.70): VN052058.D (-1263) (-)

Ion 43.00 (42.70 to 43.70): VN052058.D (-1263) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1263) (-)

Ion 59.00 (58.70 to 59.70): VN052058.D (-1263) (-)





#23

Vinyl Acetate

Concen: 235.116 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

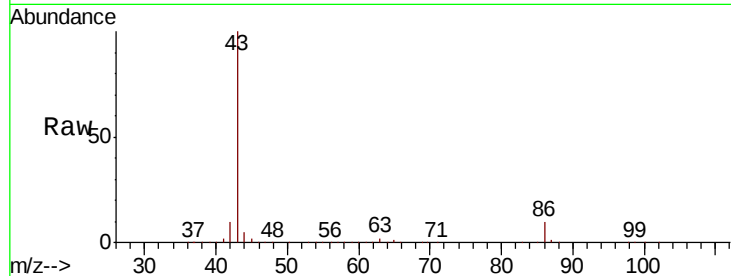
VSTDCCC050EC

Tot Ion: 43 Resp: 2124164

Ion Ratio Lower Upper

43 100

86 10.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN052140.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN052140.D (-1189) (-)

5.90

600000

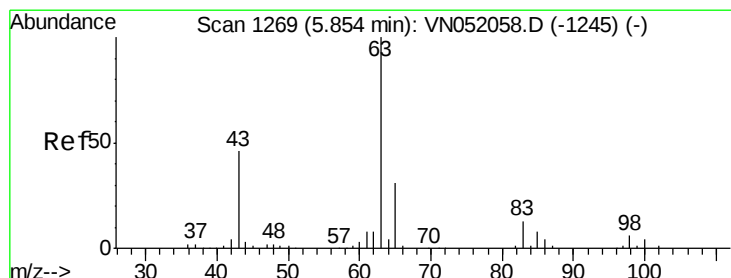
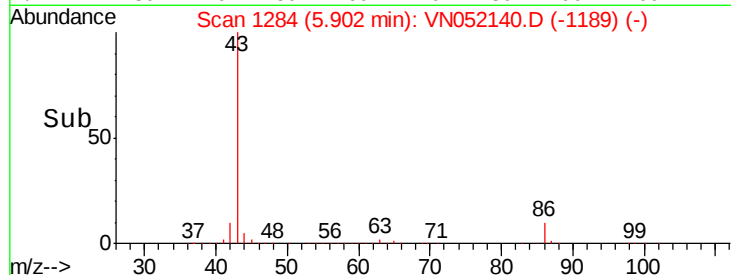
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 44.413 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

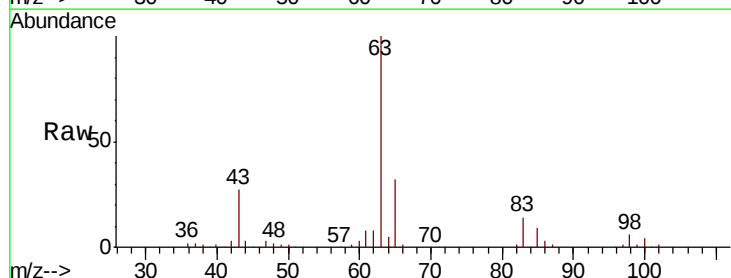
Tgt Ion: 63 Resp: 323819

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN052140.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN052140.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN052140.D (-1176) (-)

5.85

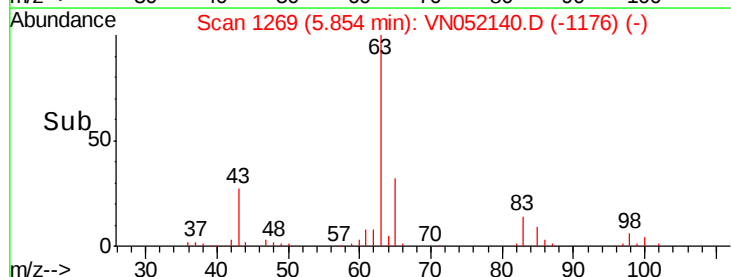
100000

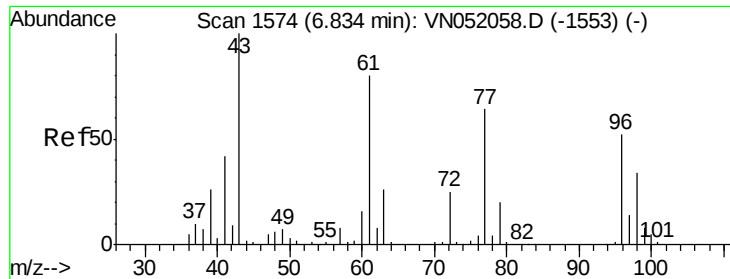
50000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 257.375 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

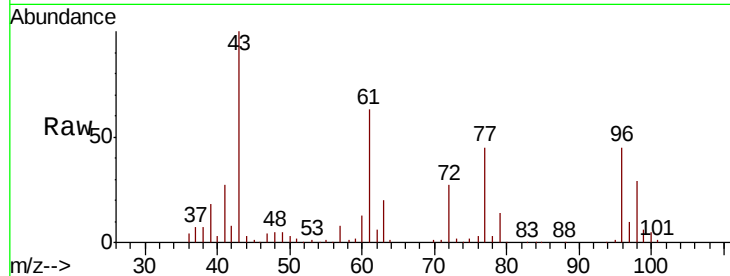
VSTDCCC050EC

Tot Ion: 43 Resp: 397322

Ion Ratio Lower Upper

43 100

72 27.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

150000

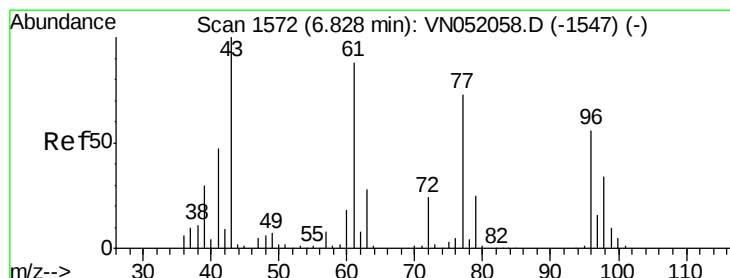
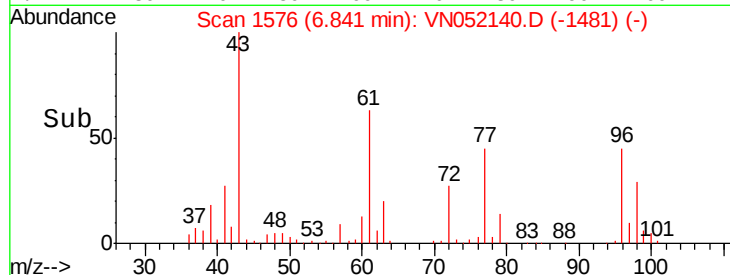
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 36.977 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN052140.D

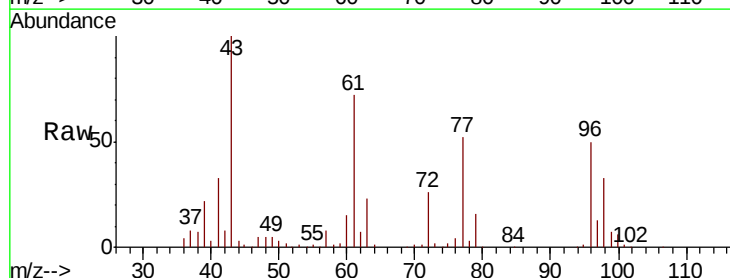
Acq: 2 Nov 2018 20:12

Tgt Ion: 77 Resp: 214117

Ion Ratio Lower Upper

77 100

97 23.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

80000

60000

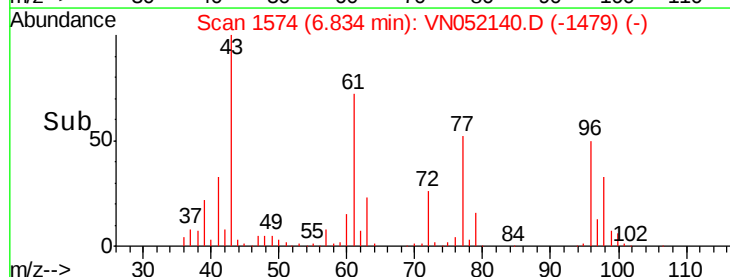
40000

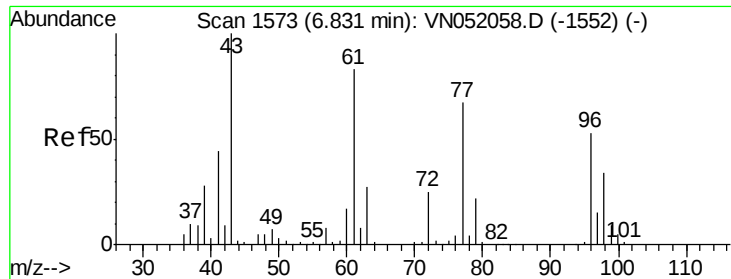
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.215 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

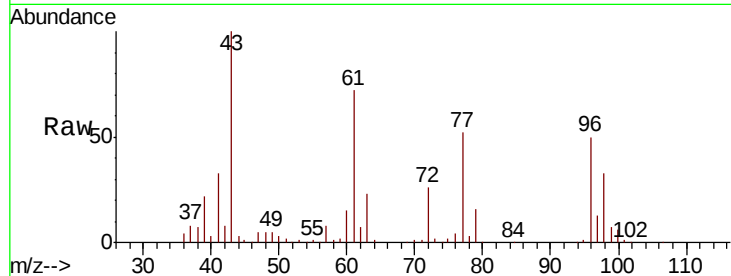
Tot Ion: 96 Resp: 189704

Ion Ratio Lower Upper

96 100

61 147.2 0.0 312.8

98 66.5 0.0 127.0

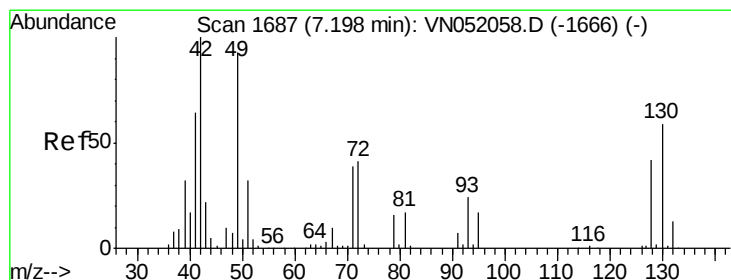
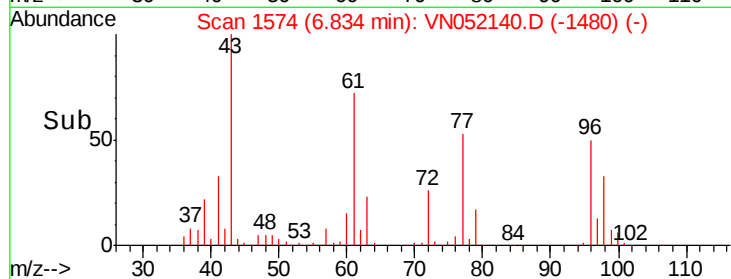
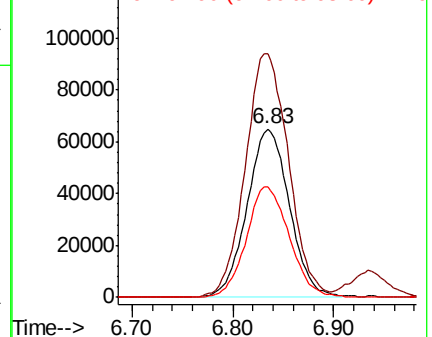


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 42.054 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

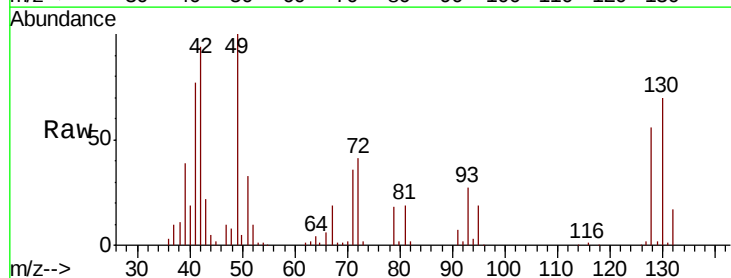
Tgt Ion: 49 Resp: 151956

Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.4

130 73.9 50.8 76.2

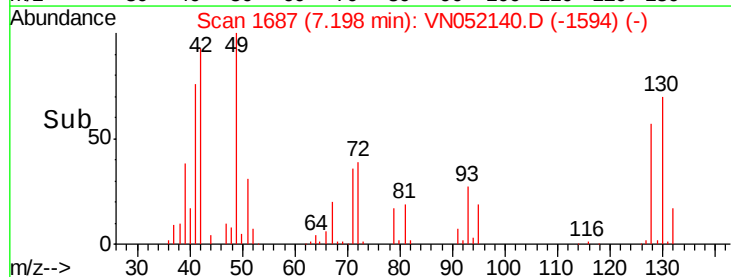
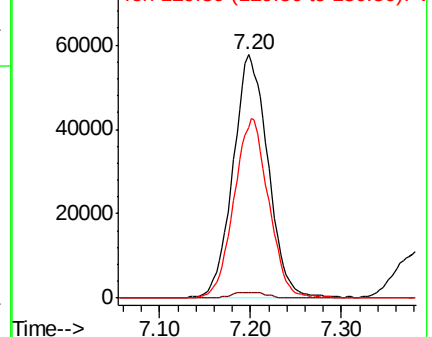


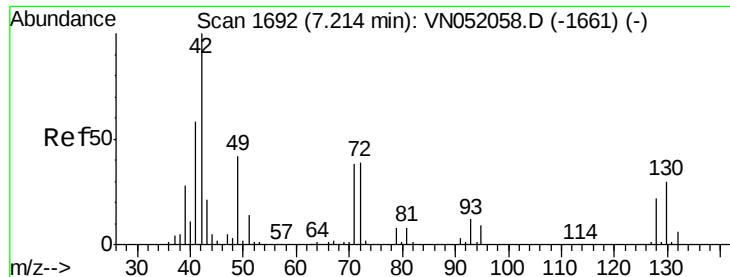
Abundance

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: 260.108 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

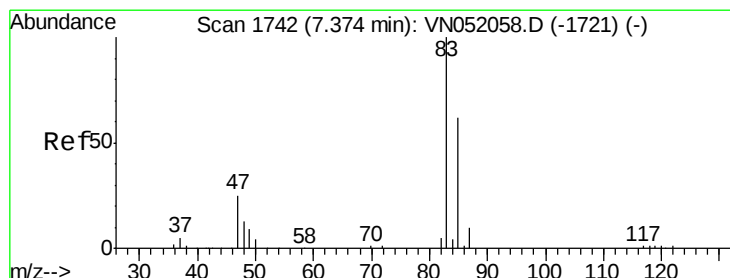
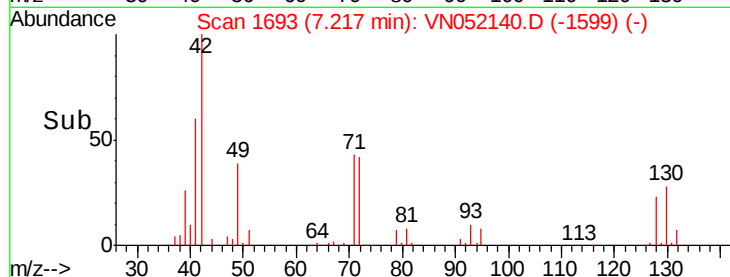
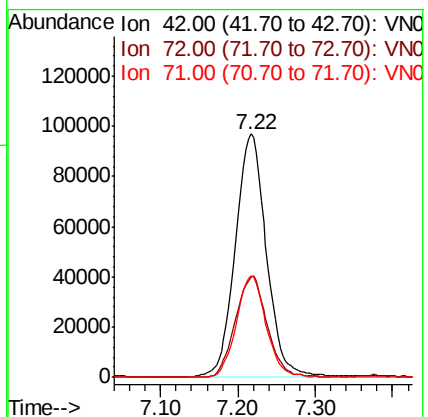
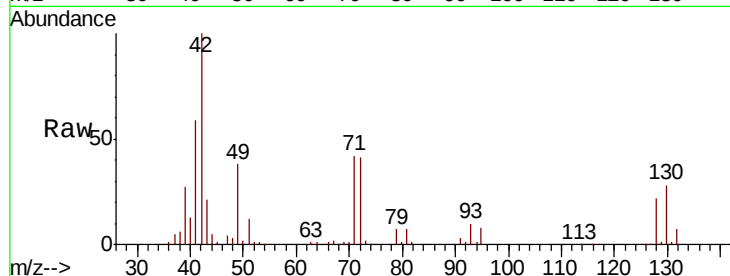
Tot Ion: 42 Resp: 267514

Ion Ratio Lower Upper

42 100

72 43.0 32.5 48.7

71 40.3 30.6 46.0



#30

Chloroform

Concen: 45.279 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VN052140.D

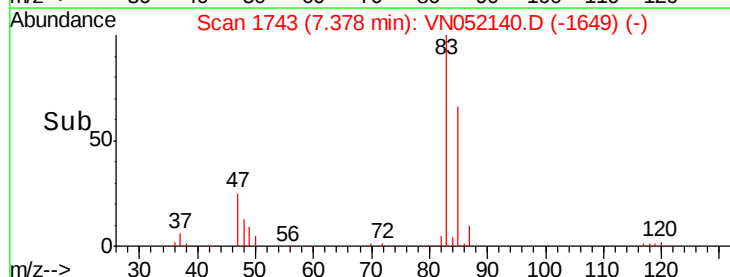
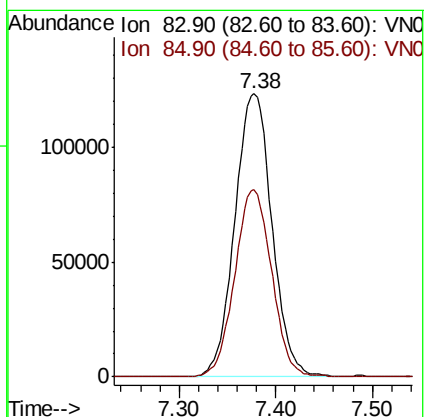
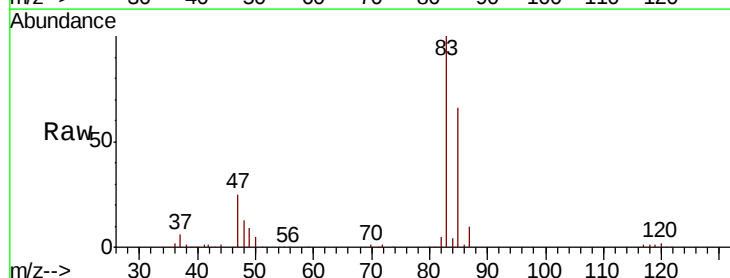
Acq: 2 Nov 2018 20:12

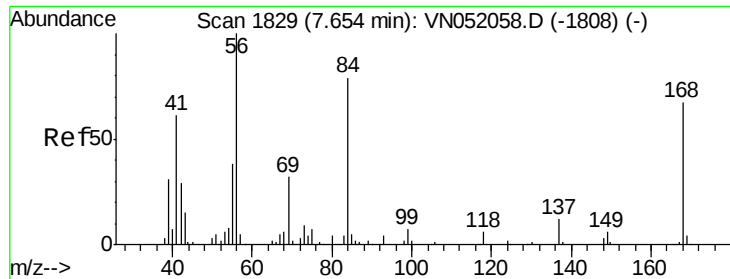
Tgt Ion: 83 Resp: 329533

Ion Ratio Lower Upper

83 100

85 66.3 49.6 74.4

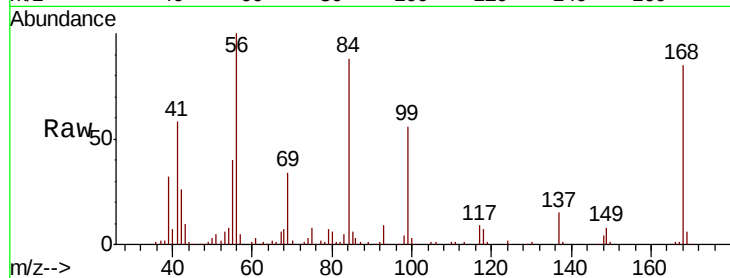




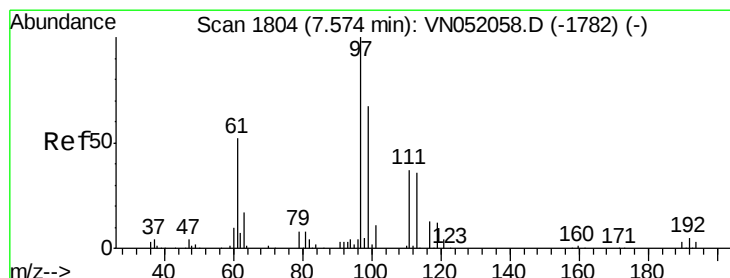
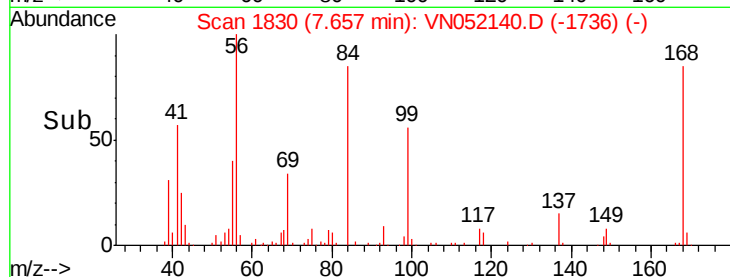
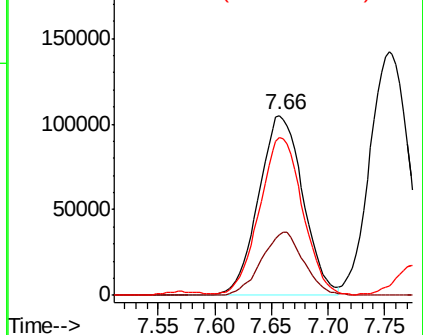
#31
Cyclohexane
Concen: 41.692 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 285033
Ion Ratio Lower Upper
56 100
69 33.7 25.8 38.6
84 86.0 63.5 95.3

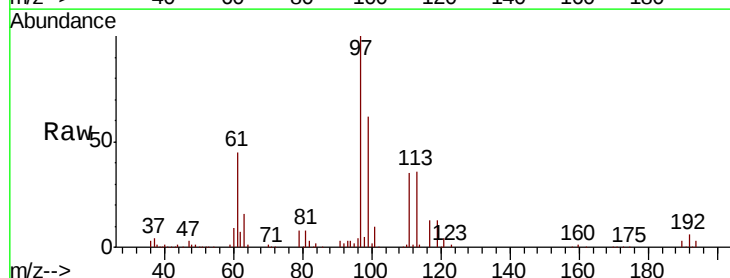


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

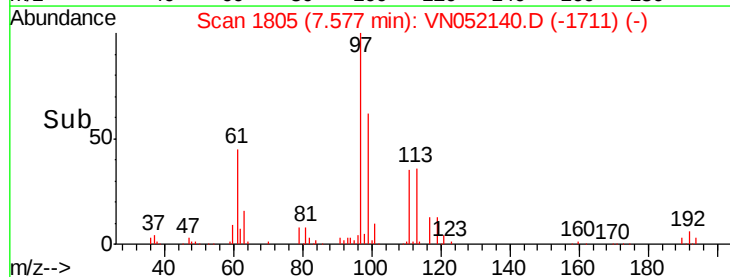
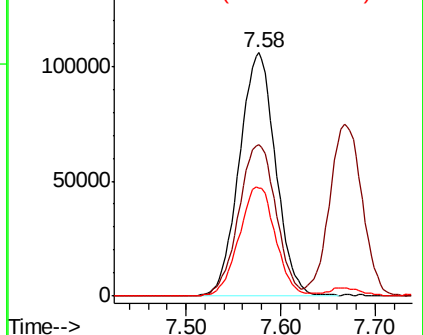


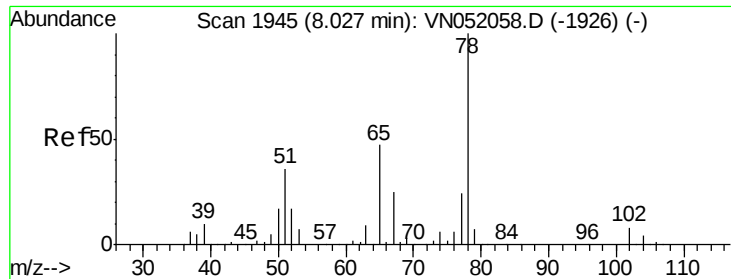
#32
1,1,1-Trichloroethane
Concen: 48.165 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 97 Resp: 281917
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 45.2 40.3 60.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

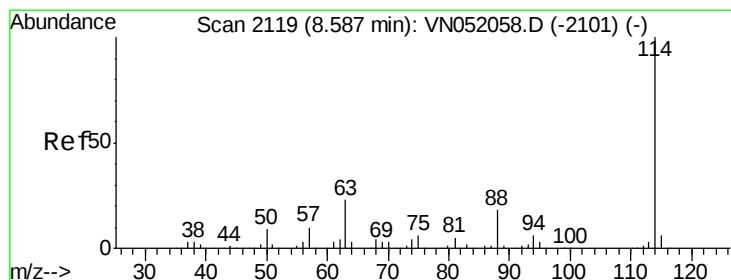
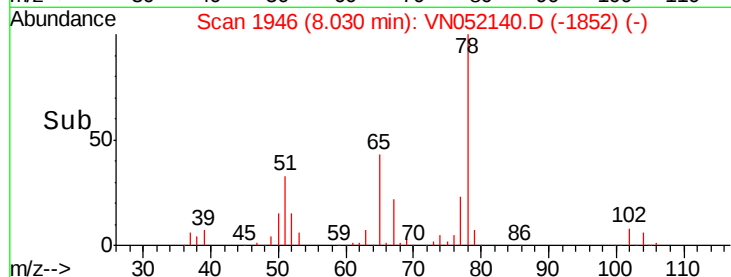
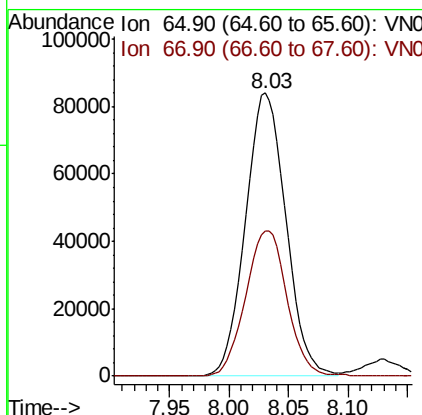
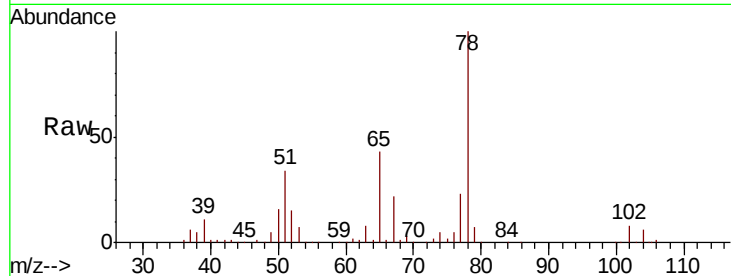




#33
 1,2-Dichloroethane-d4
 Concen: 48.165 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

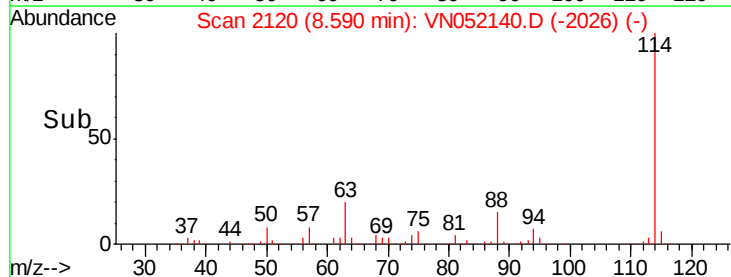
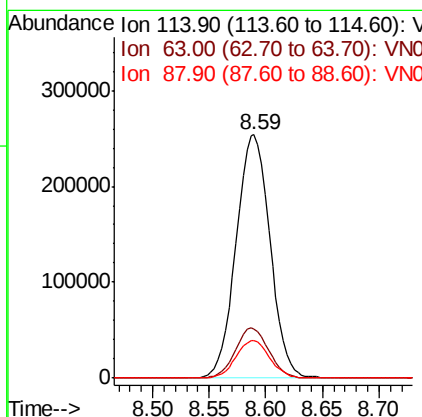
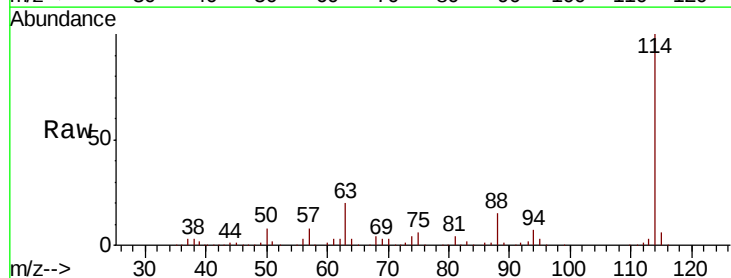
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

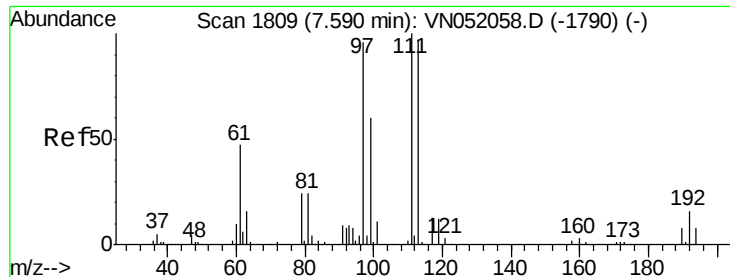
Tot Ion: 65 Resp: 197968
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 114 Resp: 530544
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 46.0
 88 15.4 0.0 35.4

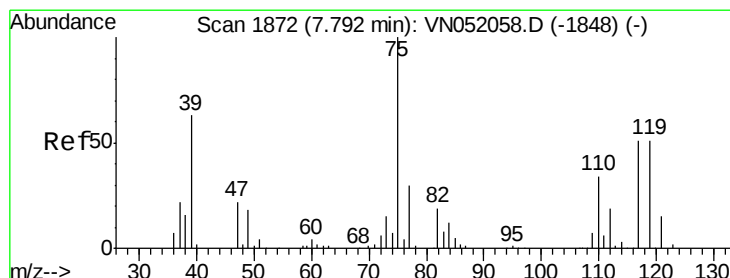
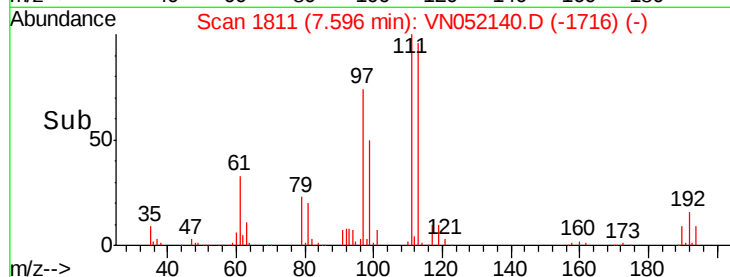
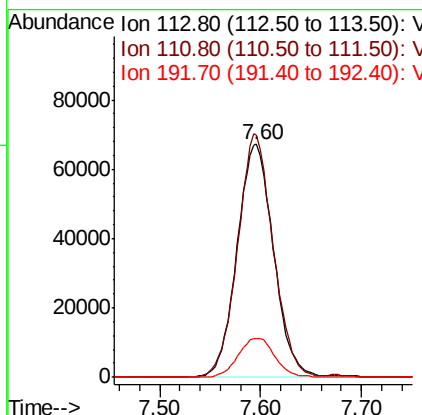
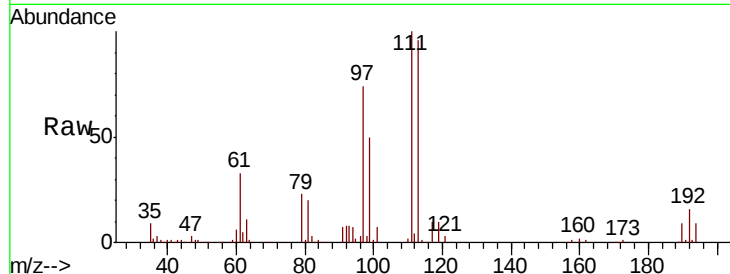




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

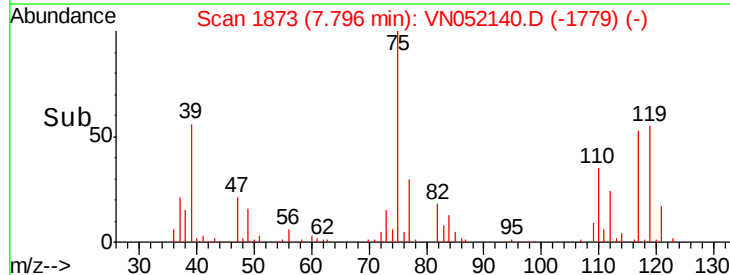
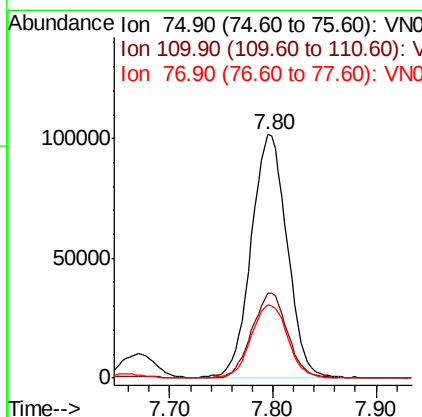
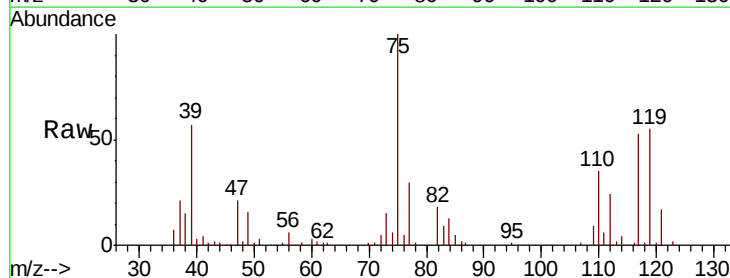
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

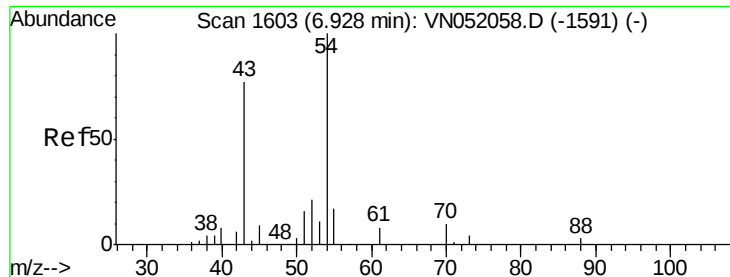
Tot Ion:113 Resp: 168610
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.1 124.7
 192 16.8 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 45.281 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 75 Resp: 244274
 Ion Ratio Lower Upper
 75 100
 110 34.8 16.0 48.0
 77 31.0 24.5 36.7

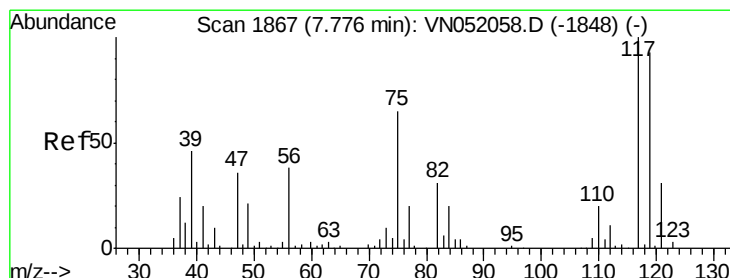
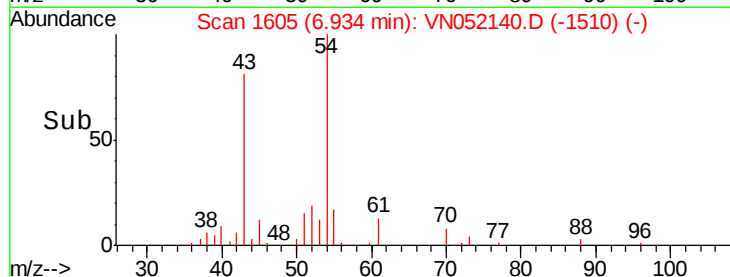
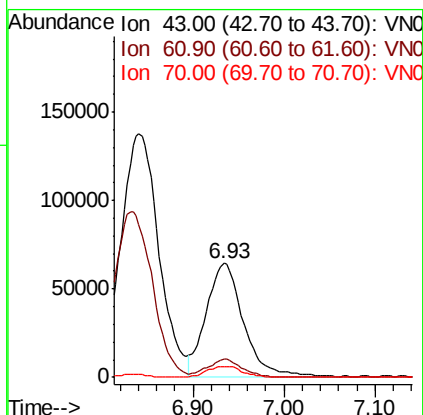
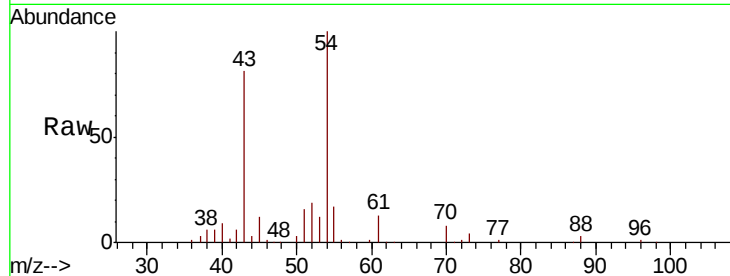




#37
Ethyl Acetate
Concen: 50.310 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

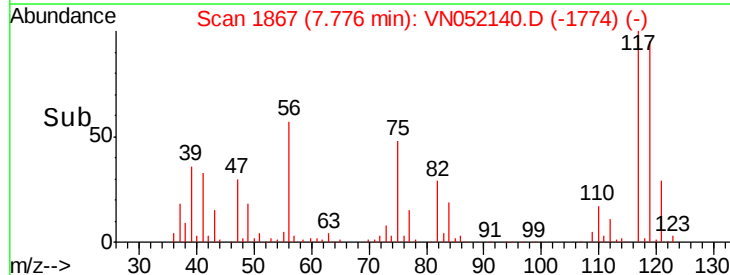
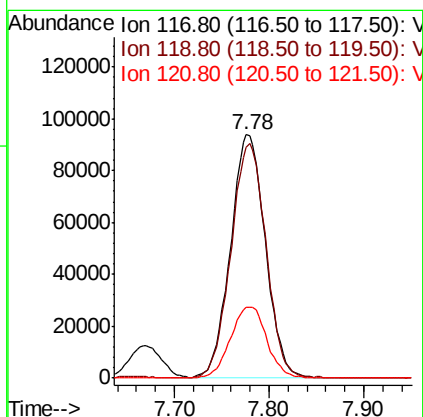
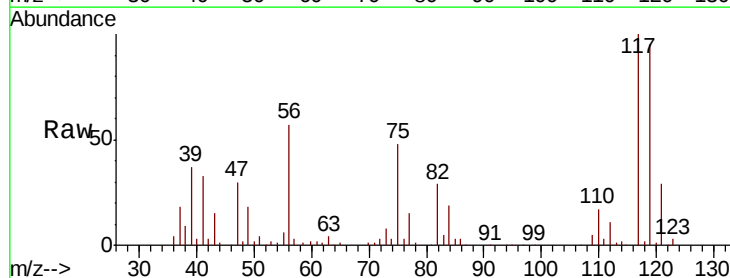
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

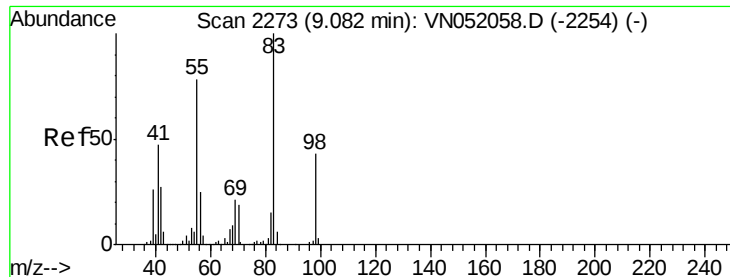
Tot Ion: 43 Resp: 181659
Ion Ratio Lower Upper
43 100
61 14.6 10.9 16.3
70 9.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 51.701 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 117 Resp: 240484
Ion Ratio Lower Upper
117 100
119 94.6 74.8 112.2
121 28.9 25.1 37.7

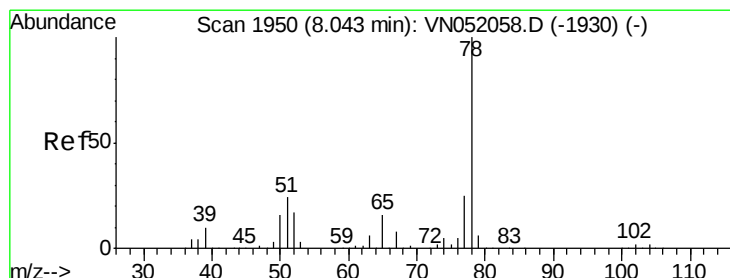
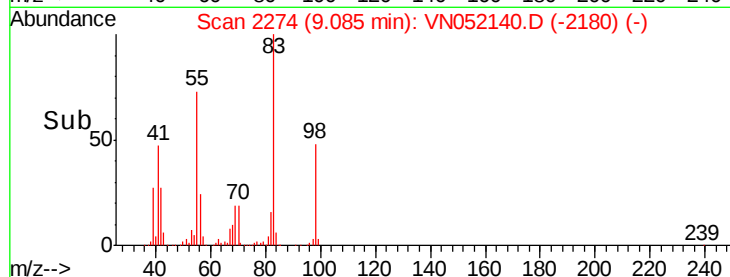
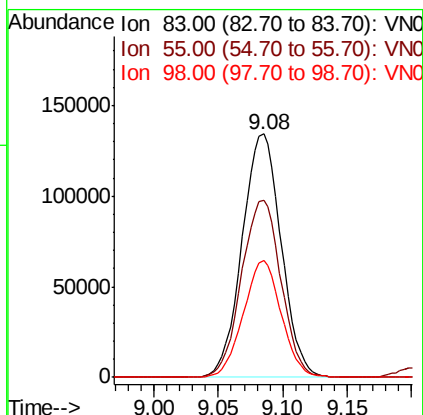
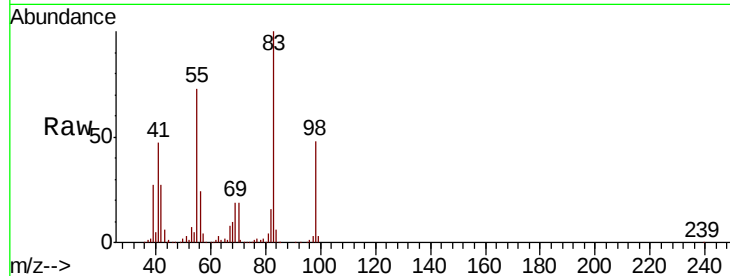




#39
Methvlcvclohexane
Concen: 44.298 ug/l
RT: 9.08 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

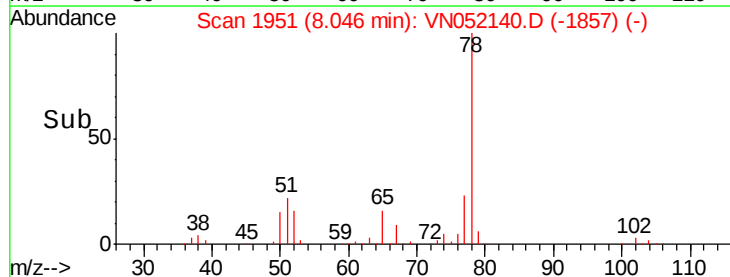
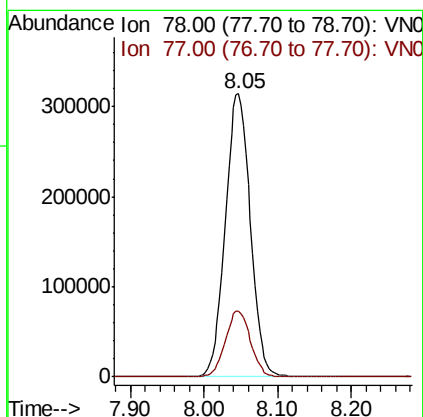
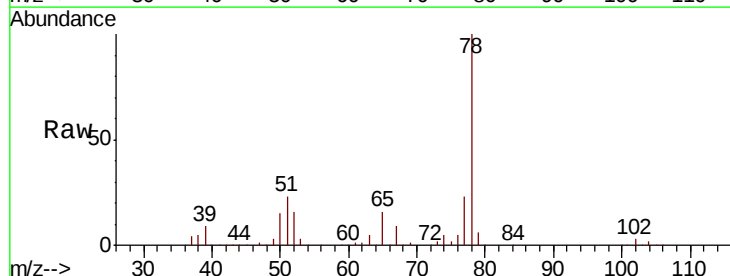
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

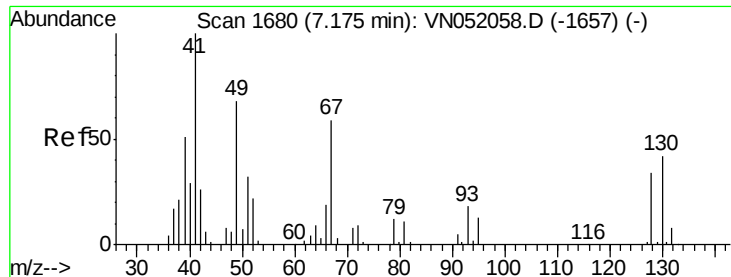
Tot Ion: 83 Resp: 283587
Ion Ratio Lower Upper
83 100
55 72.9 62.0 93.0
98 47.8 34.7 52.1



#40
Benzene
Concen: 47.400 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 78 Resp: 739624
Ion Ratio Lower Upper
78 100
77 23.2 19.8 29.6





#41

Methacrylonitrile

Concen: 52.938 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 41 Resp: 98655

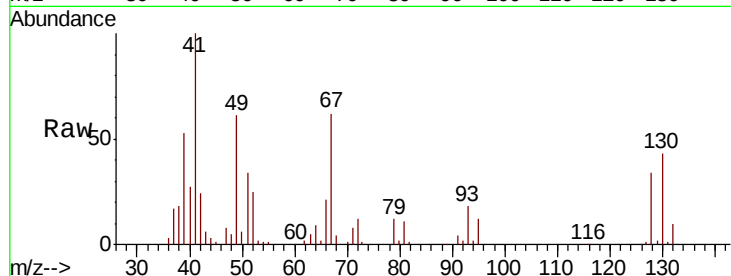
Ion Ratio Lower Upper

41 100

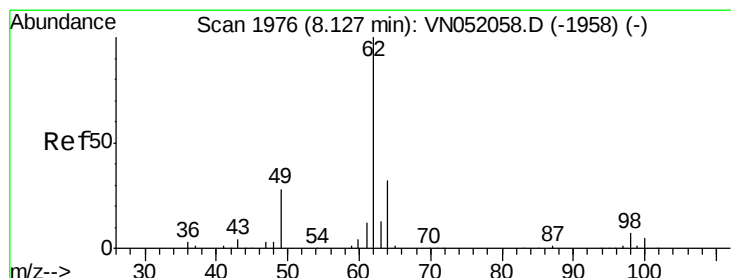
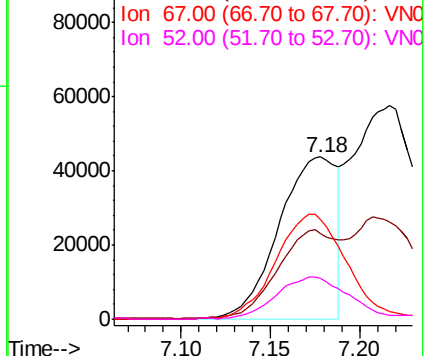
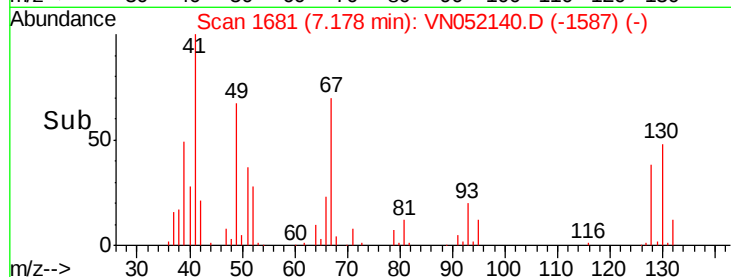
39 59.4 33.2 49.8#

67 79.4 63.5 95.3

52 31.7 25.6 38.4



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



#42

1,2-Dichloroethane

Concen: 43.780 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN052140.D

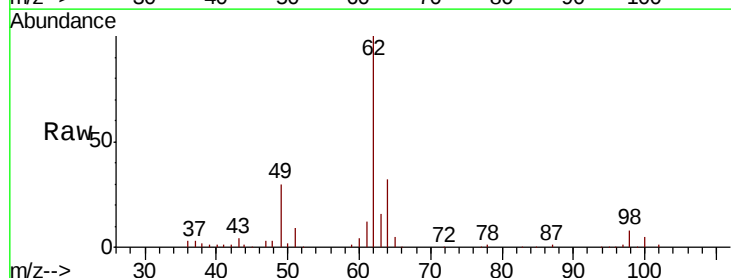
Acq: 2 Nov 2018 20:12

Tgt Ion: 62 Resp: 252097

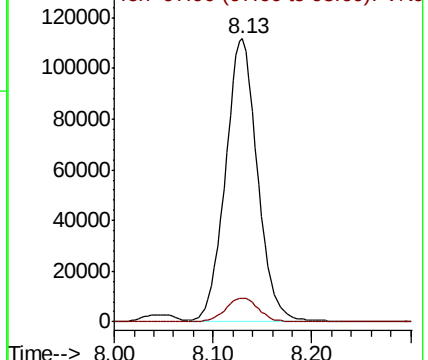
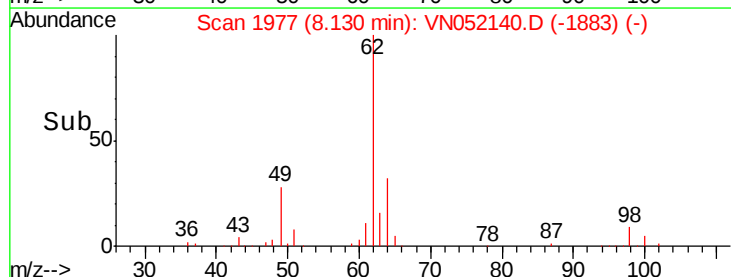
Ion Ratio Lower Upper

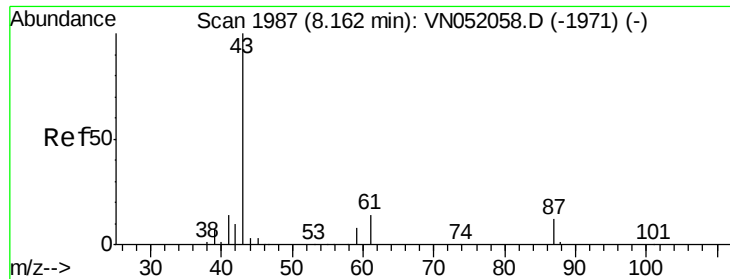
62 100

98 8.7 0.0 15.2



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





#43

Isopropyl Acetate

Concen: 53.241 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

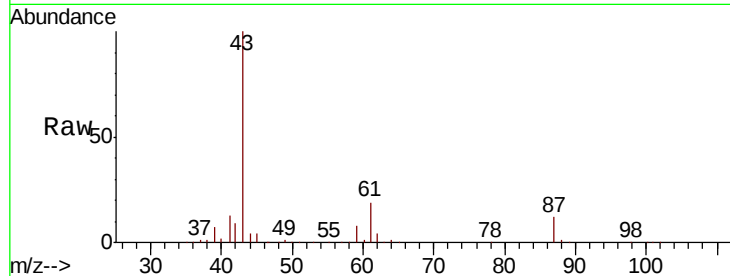
Tot Ion: 43 Resp: 341921

Ion Ratio Lower Upper

43 100

61 25.8 15.4 23.0#

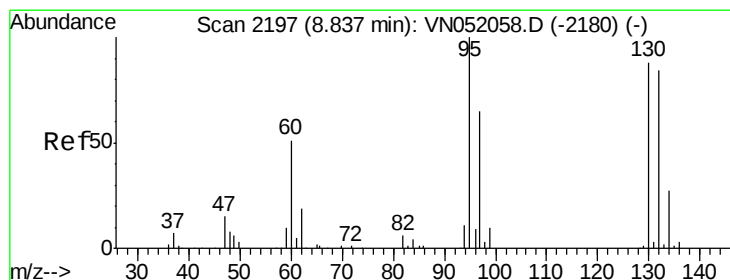
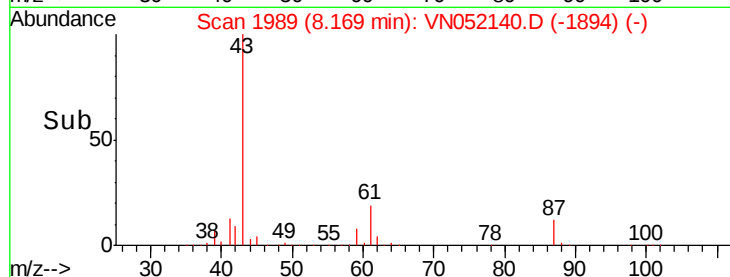
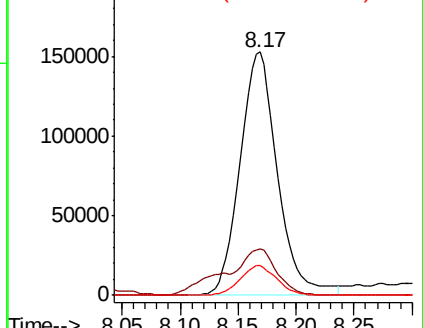
87 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN052140.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN052140.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN052140.D (-1989) (-)



#44

Trichloroethene

Concen: 51.369 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052140.D

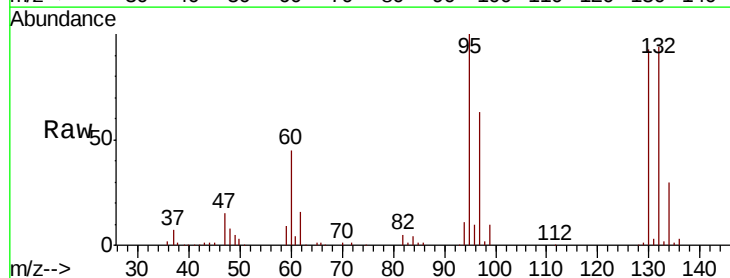
Acq: 2 Nov 2018 20:12

Tgt Ion:130 Resp: 179257

Ion Ratio Lower Upper

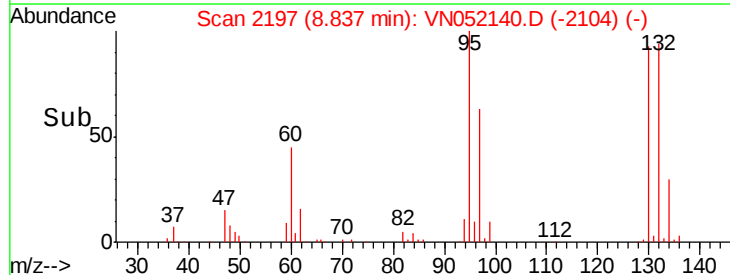
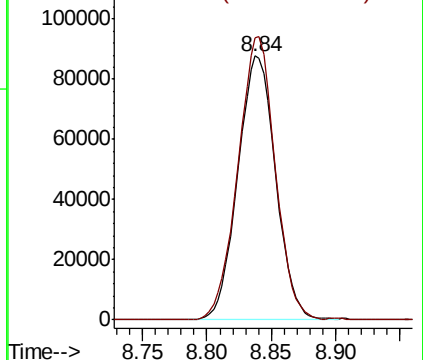
130 100

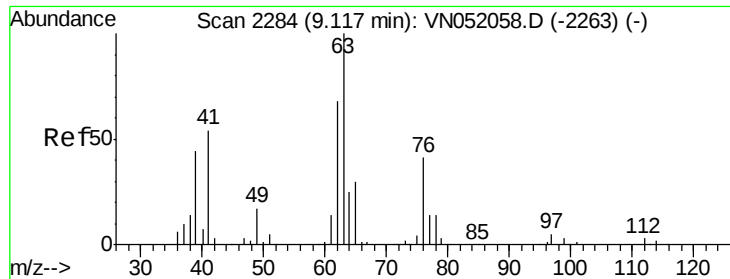
95 106.8 0.0 228.4



Abundance Ion 129.80 (129.50 to 130.50): VN052140.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN052140.D (-2197) (-)

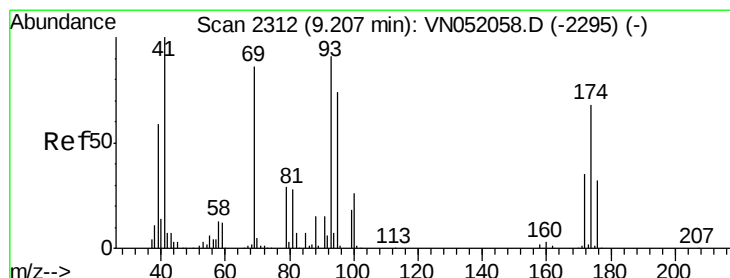
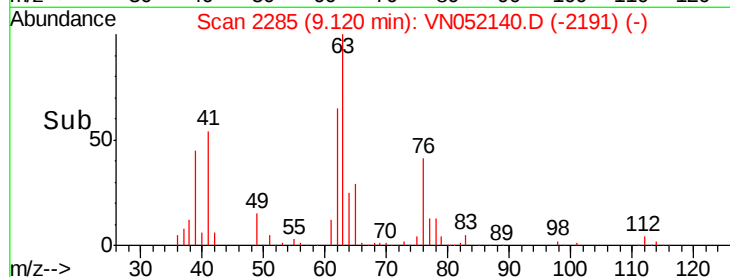
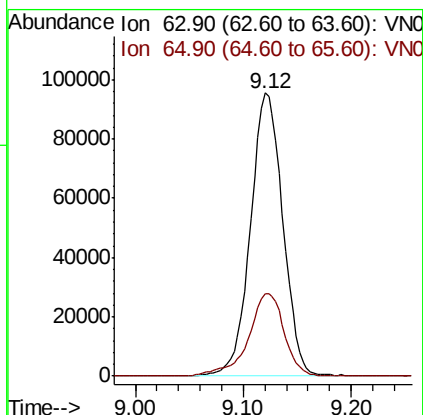
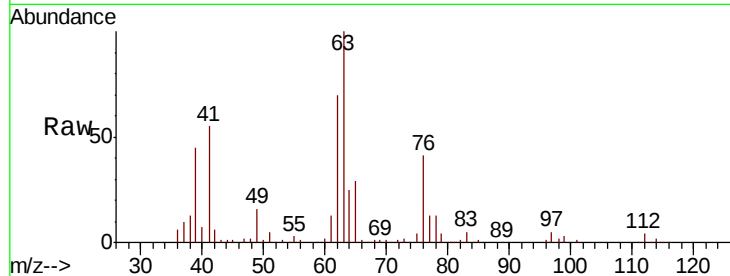




#45
 1,2-Dichloropropane
 Concen: 44.779 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

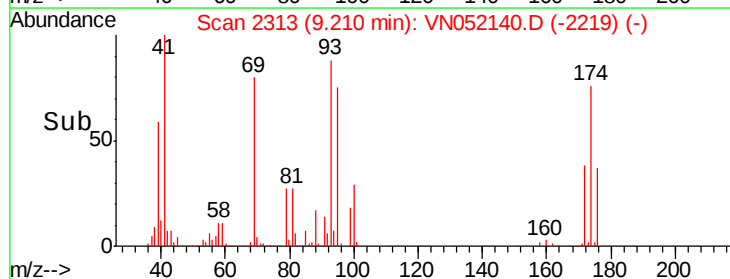
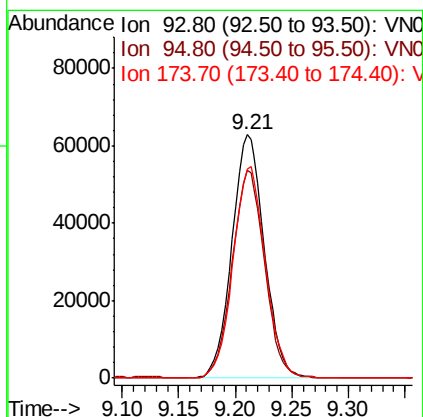
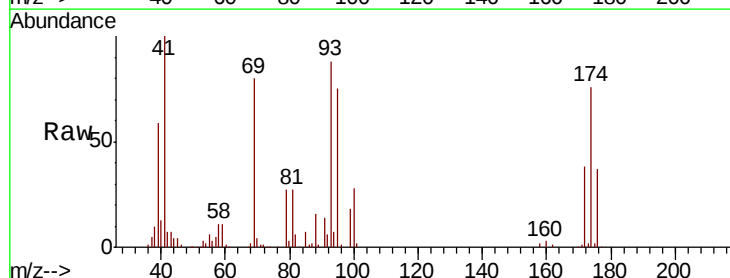
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

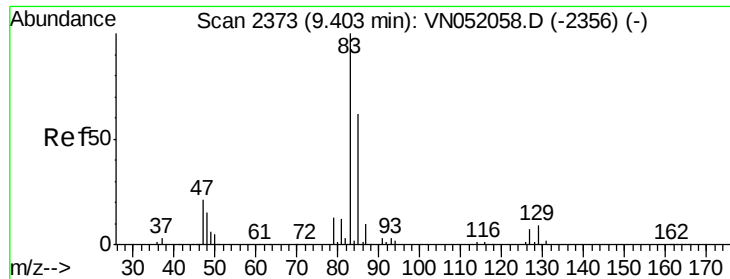
Tot Ion: 63 Resp: 199041
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.5 36.7



#46
 Dibromomethane
 Concen: 50.549 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 93 Resp: 125577
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.2 100.8
 174 86.4 59.7 89.5





#47

Bromodichloromethane

Concen: 49.502 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

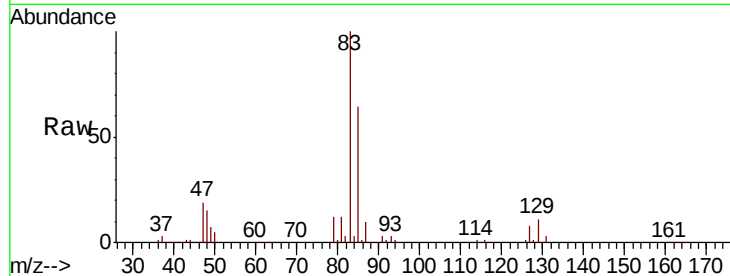
Tot Ion: 83 Resp: 256487

Ion Ratio Lower Upper

83 100

85 63.9 49.4 74.2

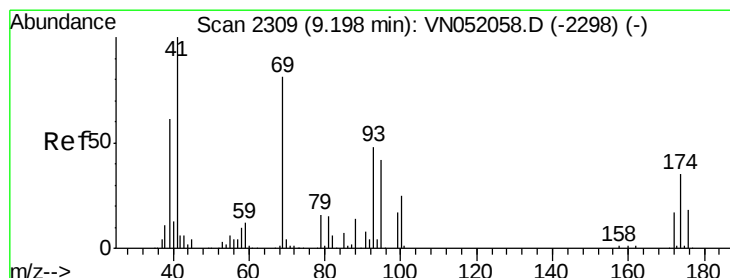
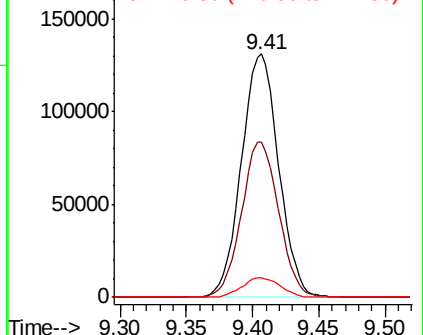
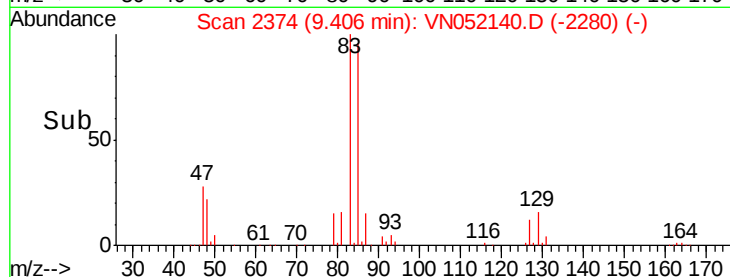
127 8.1 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VN052140.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052140.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052140.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.572 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

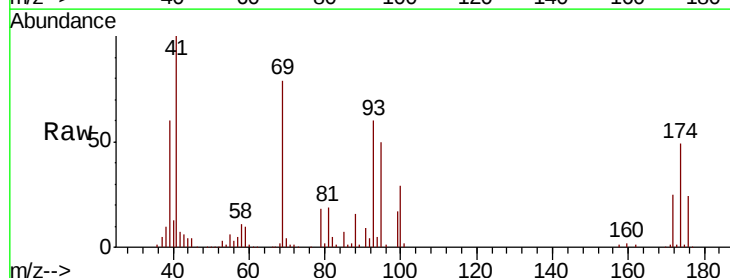
Tgt Ion: 41 Resp: 161408

Ion Ratio Lower Upper

41 100

69 85.7 67.1 100.7

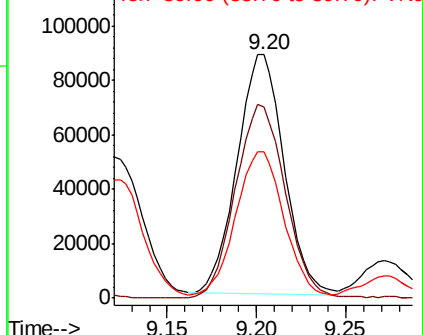
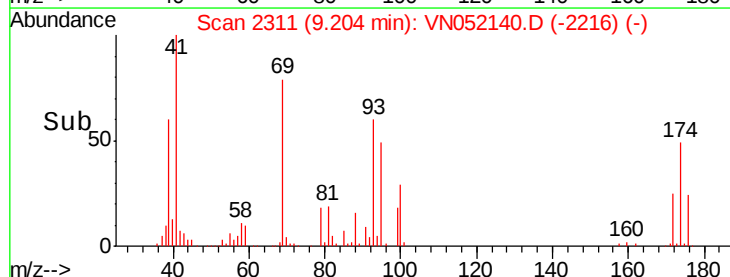
39 61.9 50.5 75.7

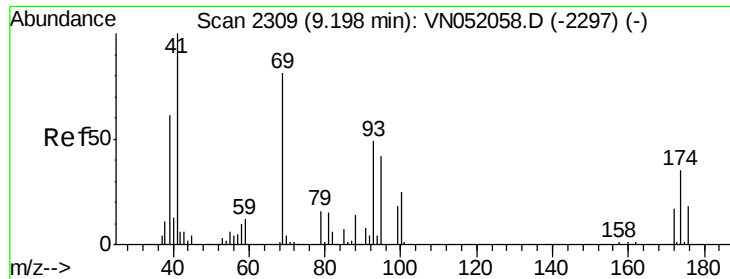


Abundance Ion 41.00 (40.70 to 41.70): VN052140.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052140.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052140.D (-2216) (-)

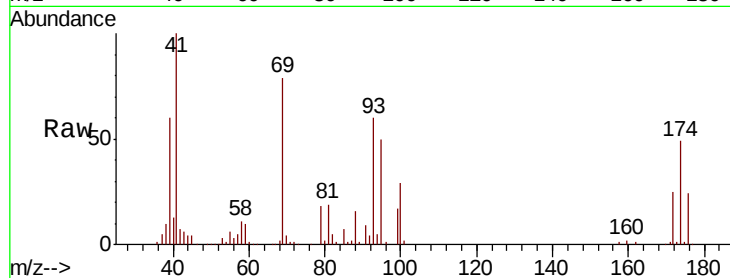




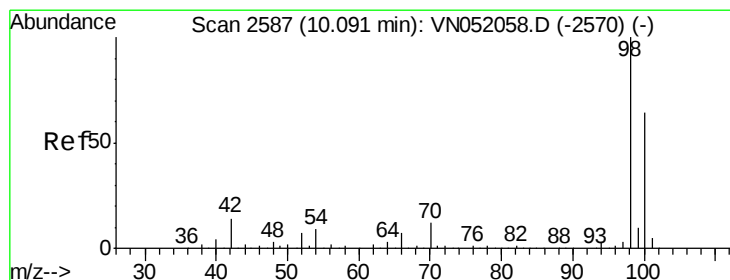
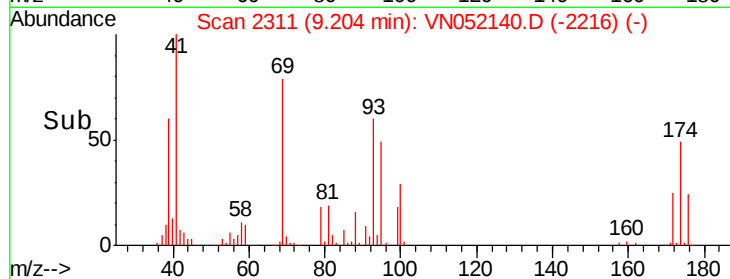
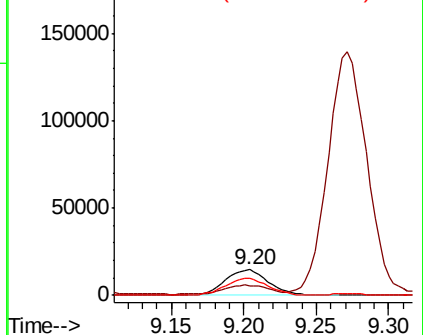
#49
1,4-Dioxane
Concen: 1123.198 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 30752
Ion Ratio Lower Upper
88 100
43 35.6 34.1 51.1
58 65.8 62.8 94.2

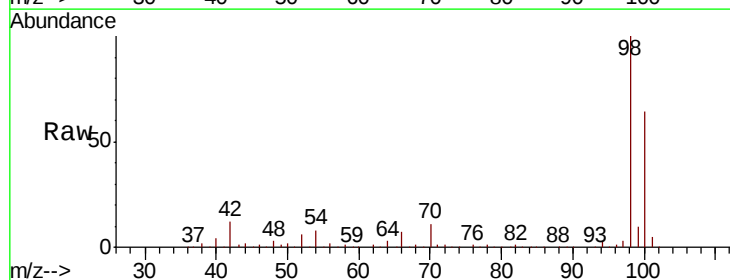


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

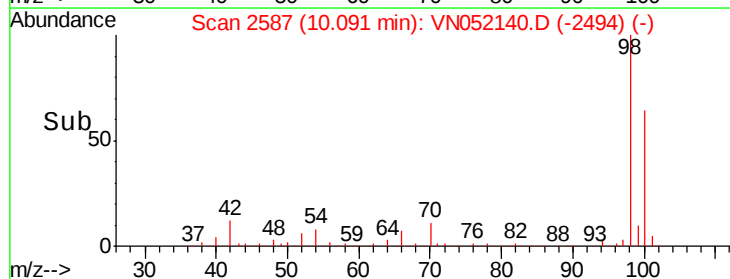
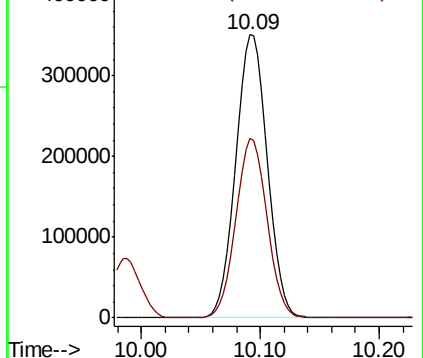


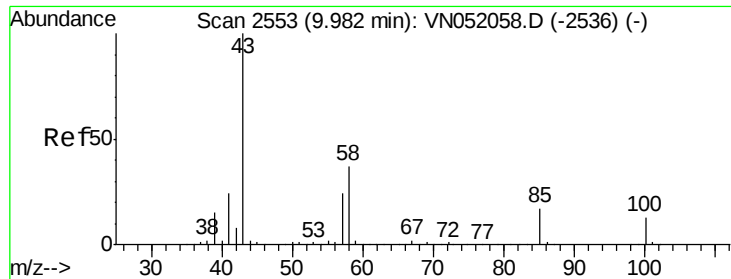
#50
Toluene-d8
Concen: 1123.198 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 98 Resp: 645483
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2



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: 269.432 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

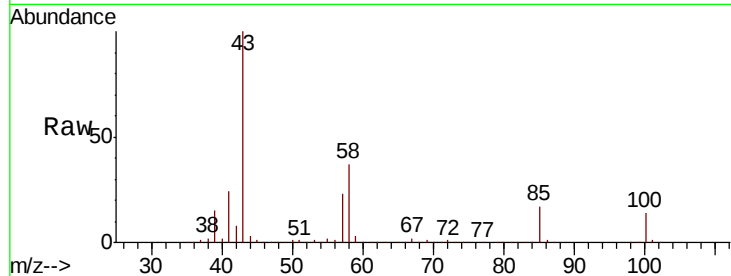
VSTDCCC050EC

Tot Ion: 43 Resp: 940488

Ion Ratio Lower Upper

43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

300000

200000

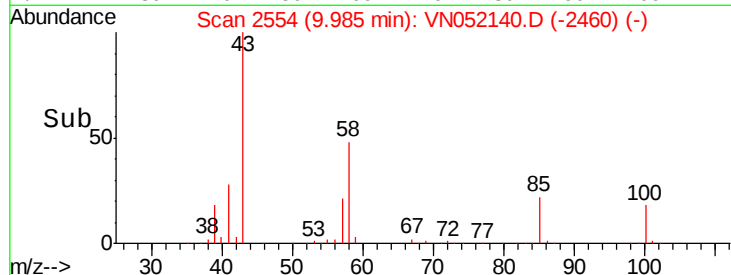
100000

0

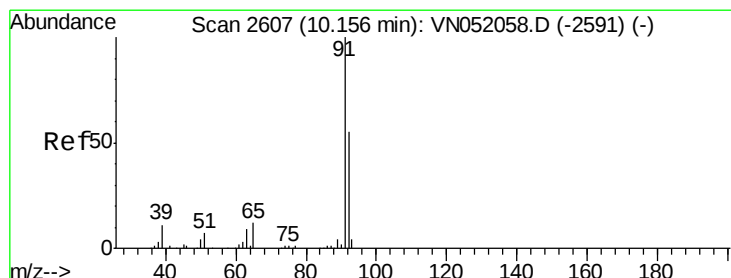
9.90

10.00

10.10



Time-->



#52

Toluene

Concen: 48.059 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052140.D

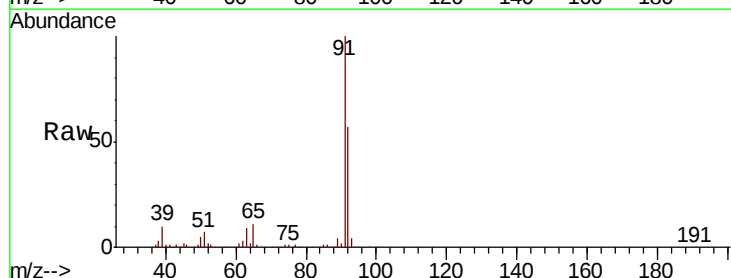
Acq: 2 Nov 2018 20:12

Tgt Ion: 92 Resp: 452682

Ion Ratio Lower Upper

92 100

91 179.1 143.9 215.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

200000

100000

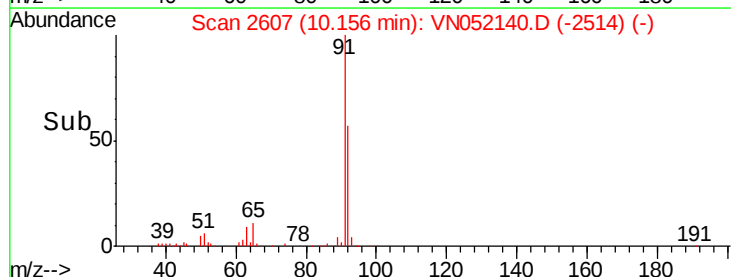
0

10.05

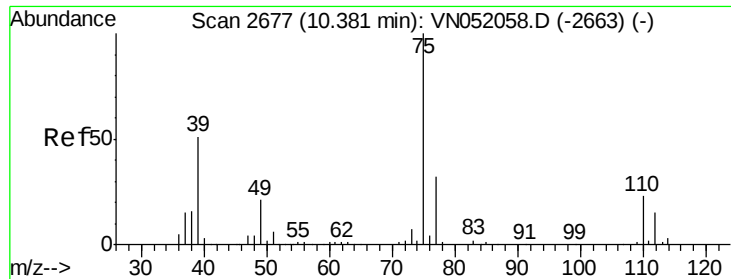
10.10

10.15

10.20



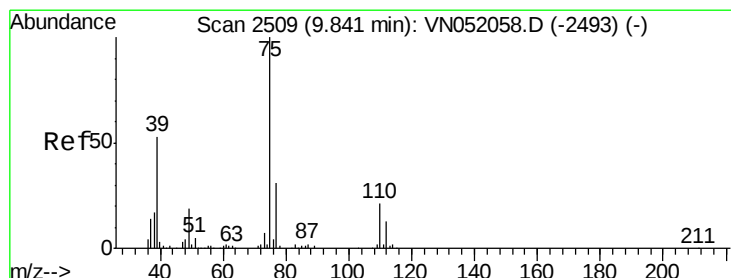
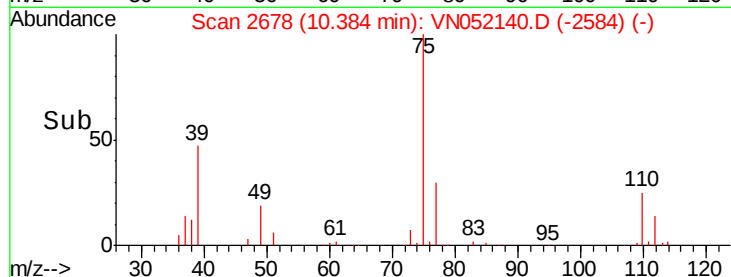
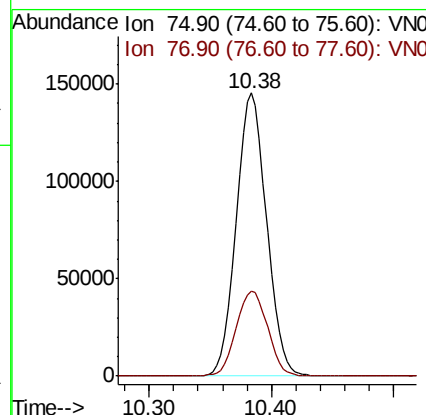
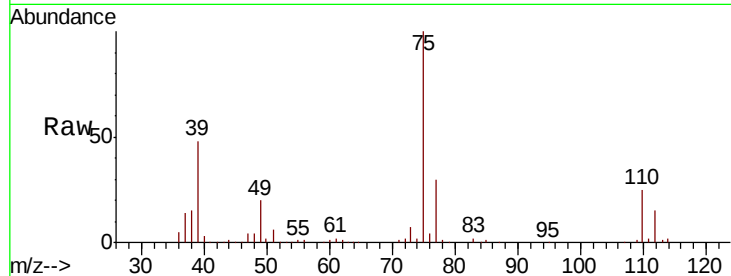
Time-->



#53
t-1,3-Dichloropropene
Concen: 45.803 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

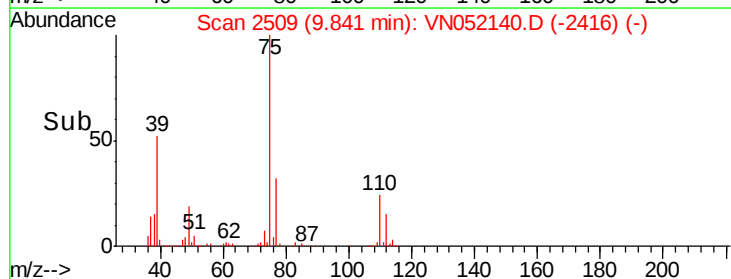
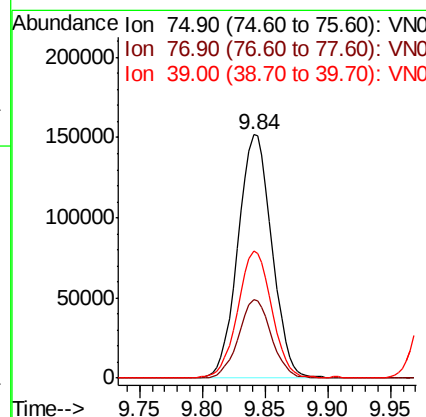
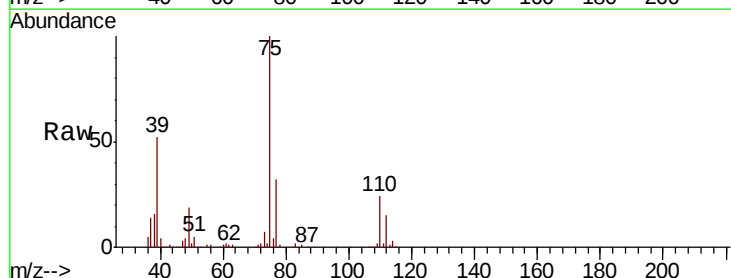
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

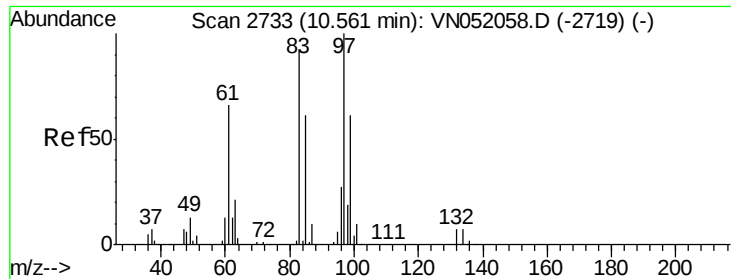
Tot Ion: 75 Resp: 250904
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 46.920 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 75 Resp: 285441
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 51.8 42.3 63.5





#55

1,1,2-Trichloroethane

Concen: 51.939 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 174247

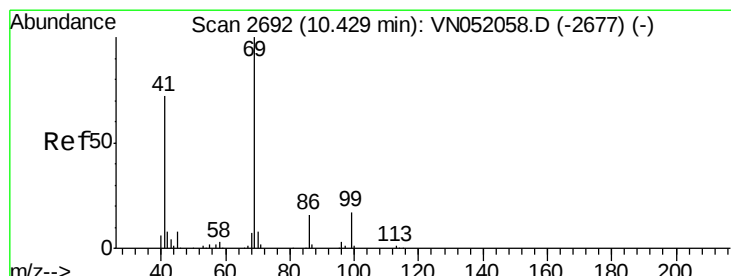
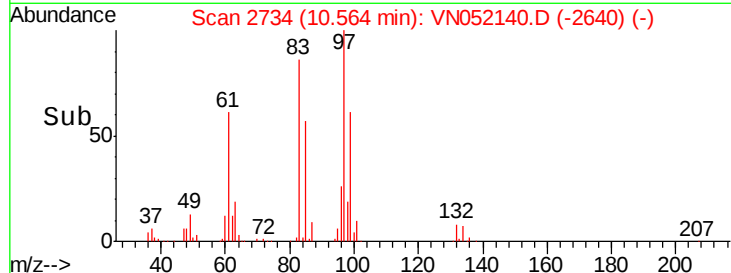
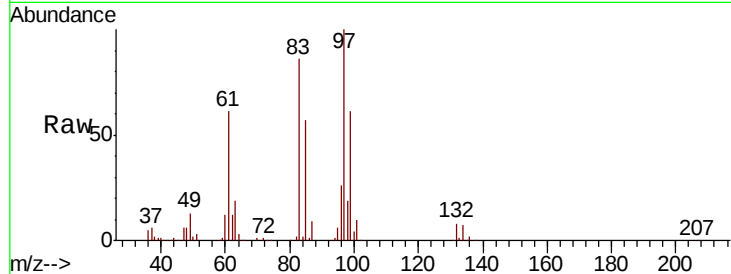
Ion	Ratio	Lower	Upper
97	100		
83	86.1	73.8	110.8
85	57.1	48.4	72.6
99	61.4	48.6	72.8

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: 49.983 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

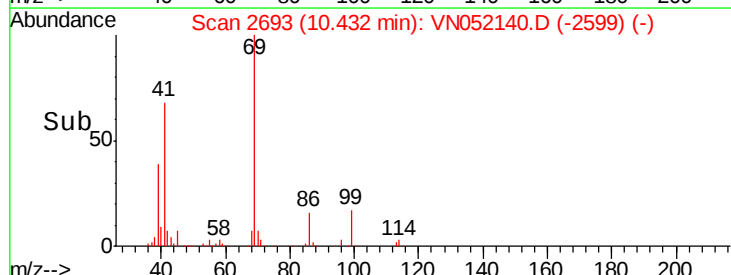
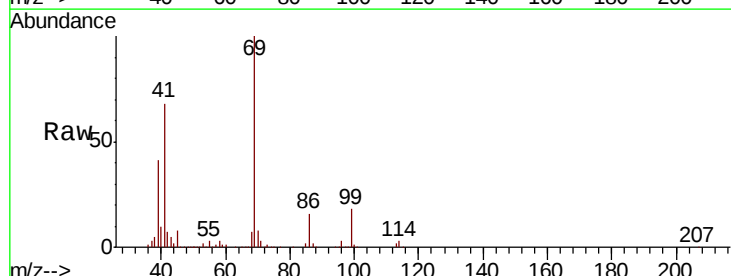
Tgt Ion: 69 Resp: 239863

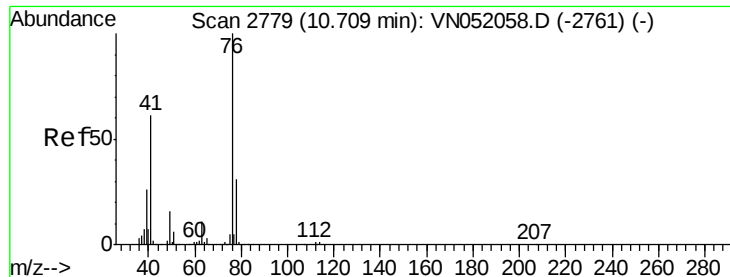
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.5	83.3
39	39.2	33.0	49.4

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: 47.490 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

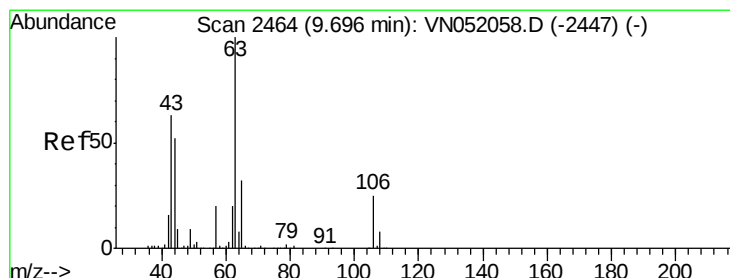
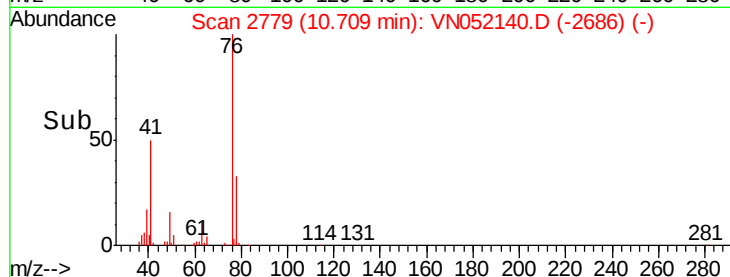
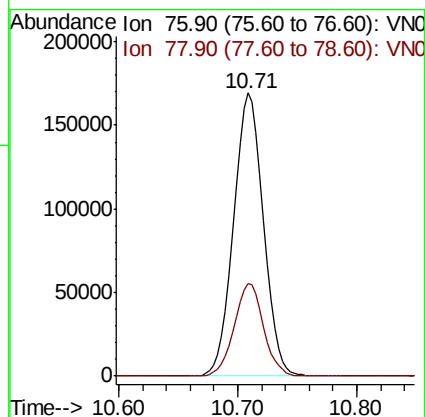
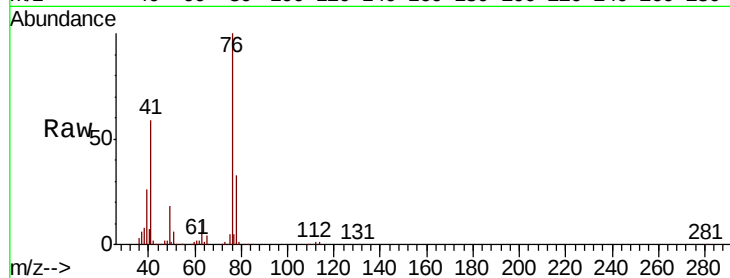
VSTDCCC050EC

Tot Ion: 76 Resp: 293150

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 249.289 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052140.D

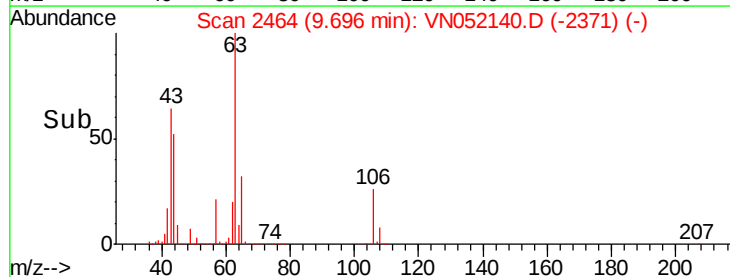
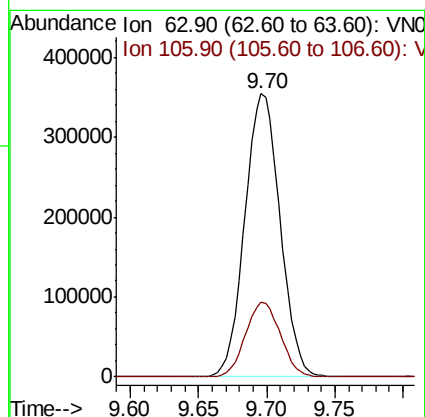
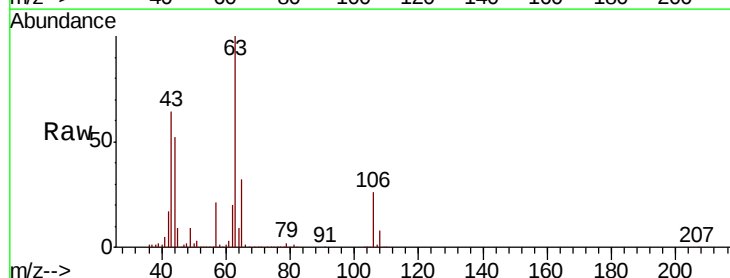
Acq: 2 Nov 2018 20:12

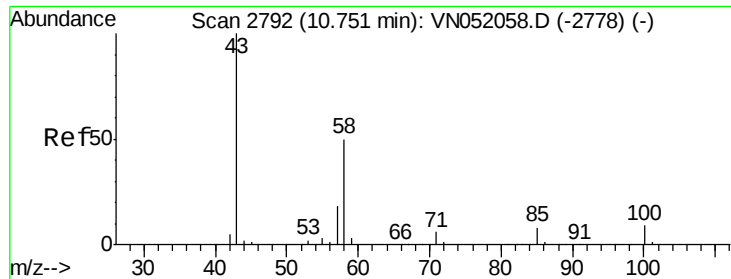
Tgt Ion: 63 Resp: 636343

Ion Ratio Lower Upper

63 100

106 26.0 19.4 29.2

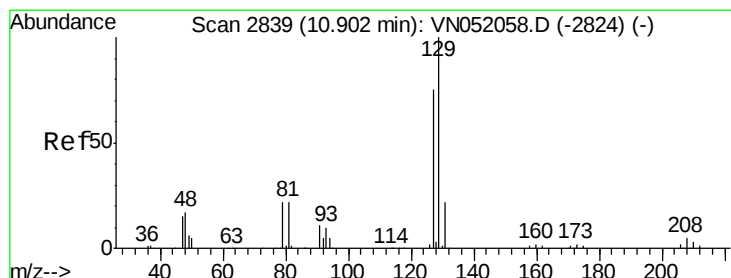
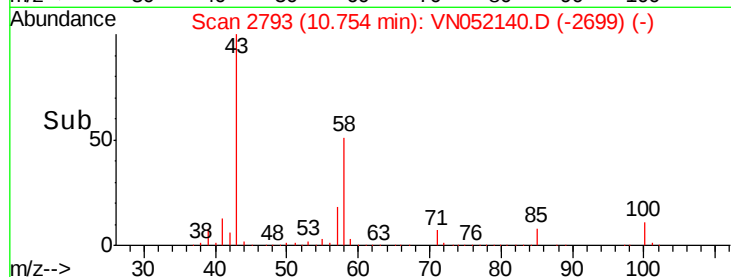
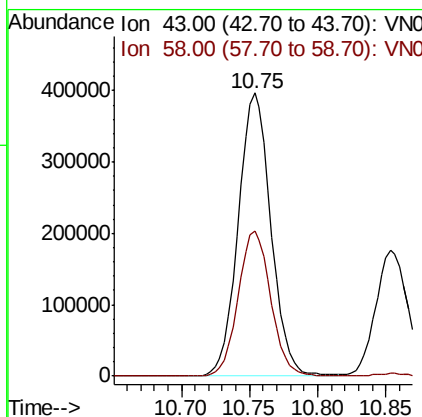
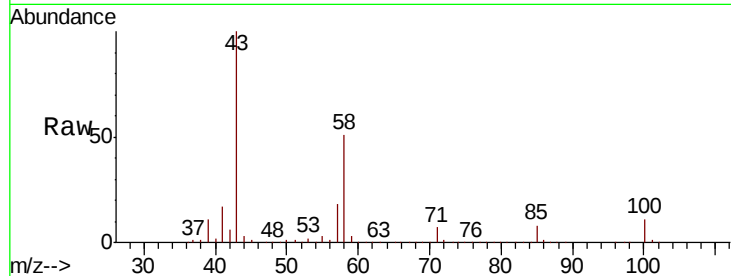




#59
2-Hexanone
Concen: 264.635 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

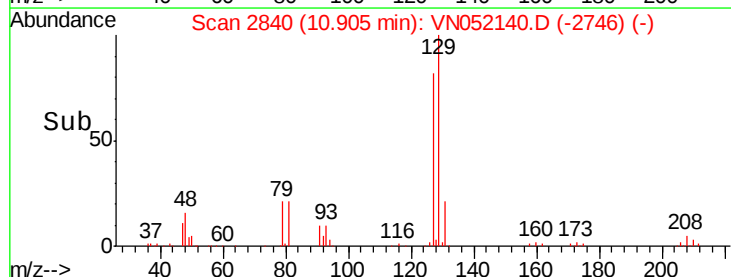
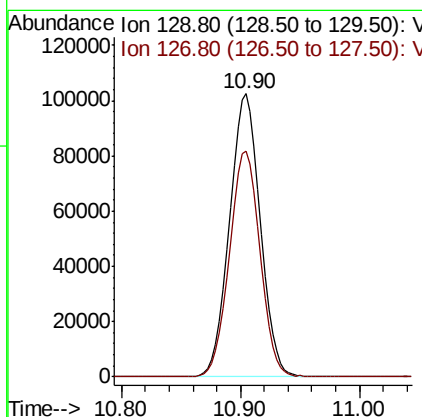
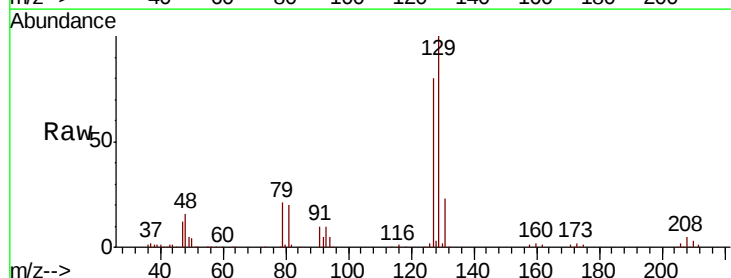
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

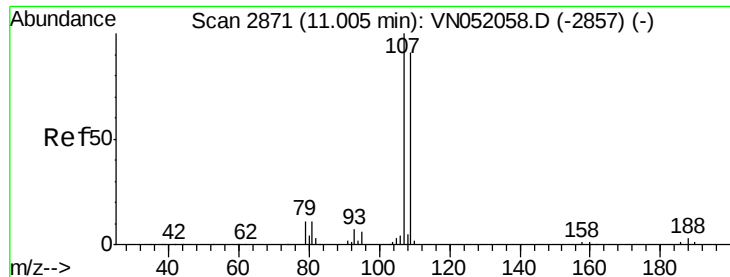
Tot Ion: 43 Resp: 658278
Ion Ratio Lower Upper
43 100
58 51.1 25.2 75.6



#60
Dibromochloromethane
Concen: 55.472 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 129 Resp: 183210
Ion Ratio Lower Upper
129 100
127 79.5 38.5 115.5

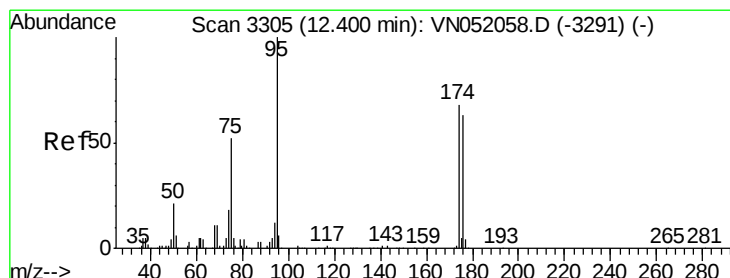
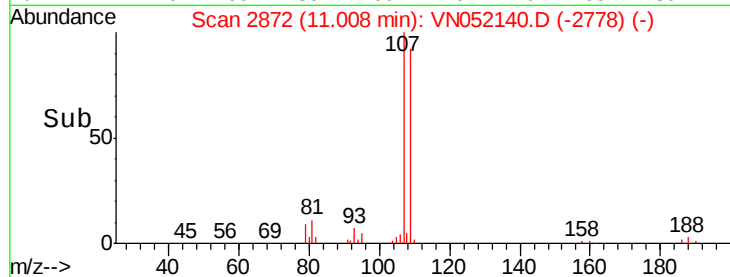
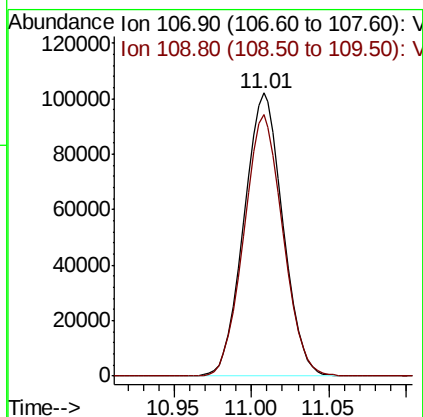
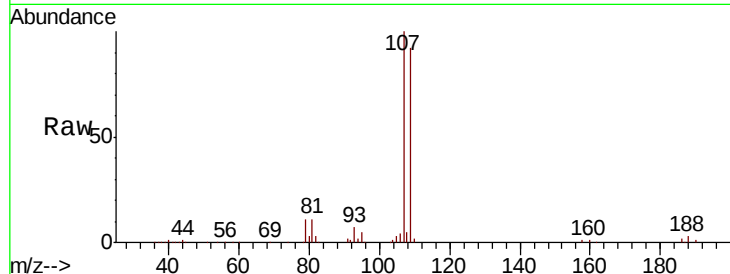




#61
 1,2-Dibromoethane
 Concen: 53.535 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

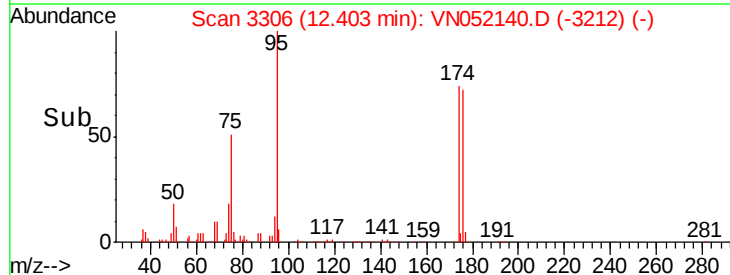
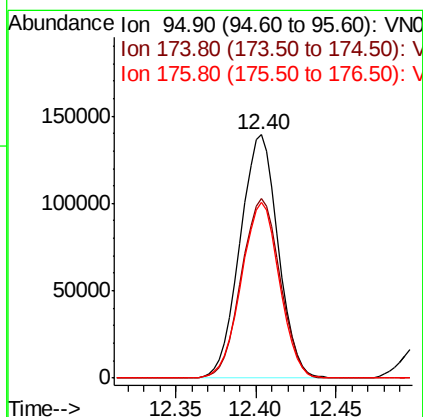
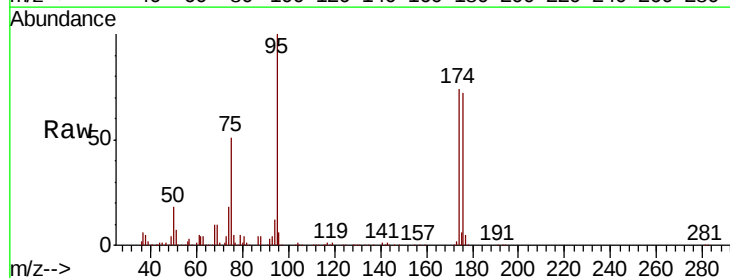
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

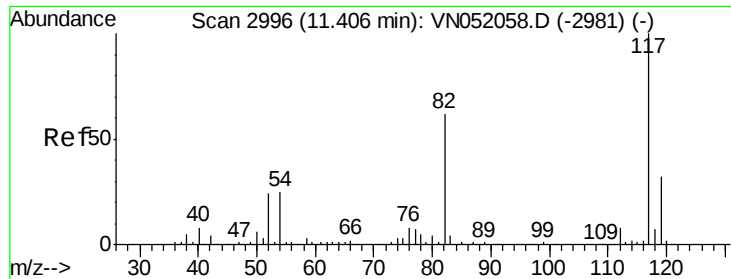
Tot Ion: 107 Resp: 178542
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.535 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 95 Resp: 226312
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 131.8
 176 72.5 0.0 126.0

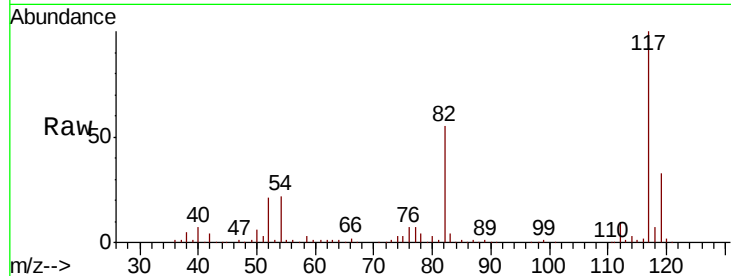




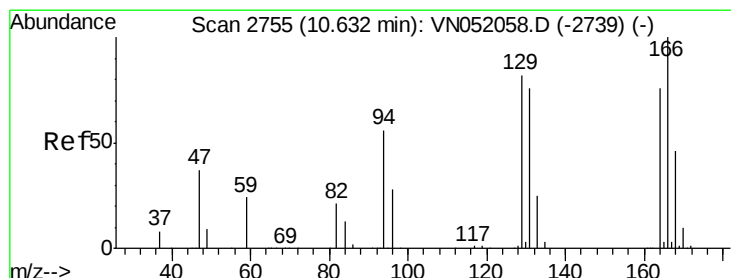
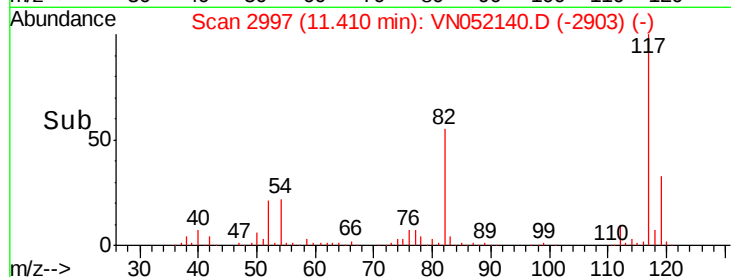
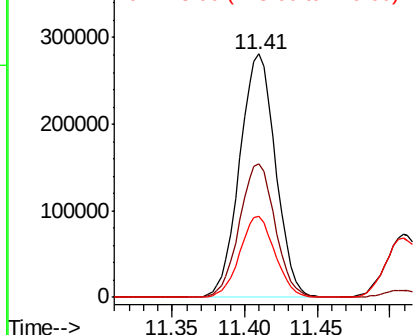
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 484248
Ion Ratio Lower Upper
117 100
82 55.0 49.9 74.9
119 33.0 25.7 38.5

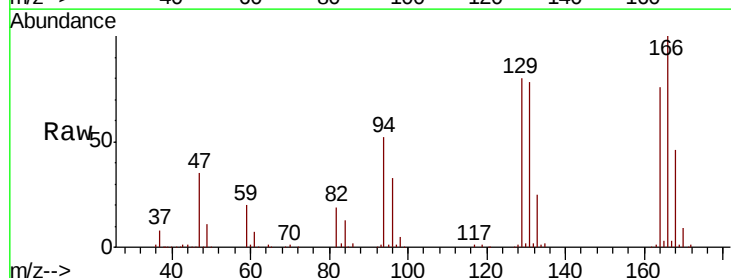


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

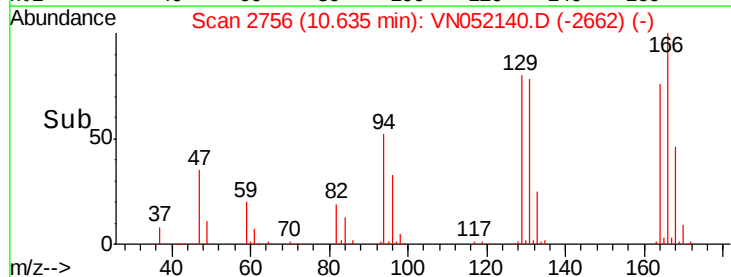
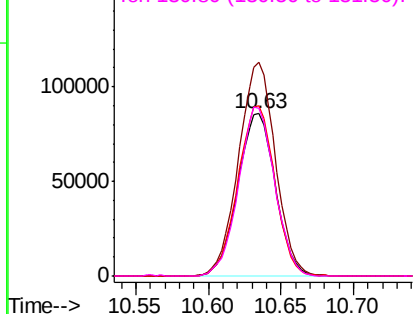


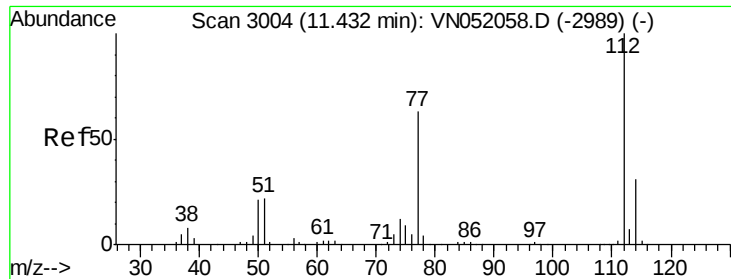
#64
Tetrachloroethene
Concen: 52.634 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion:164 Resp: 154408
Ion Ratio Lower Upper
164 100
166 131.4 105.4 158.0
129 104.8 86.1 129.1
131 103.2 80.3 120.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

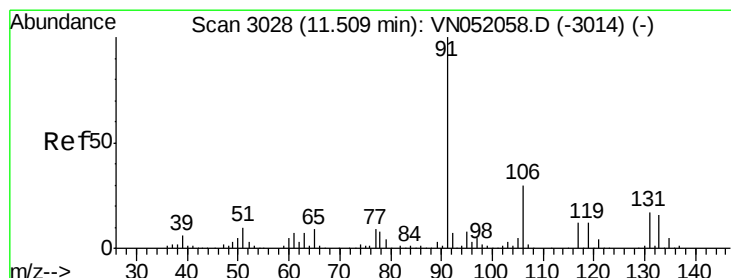
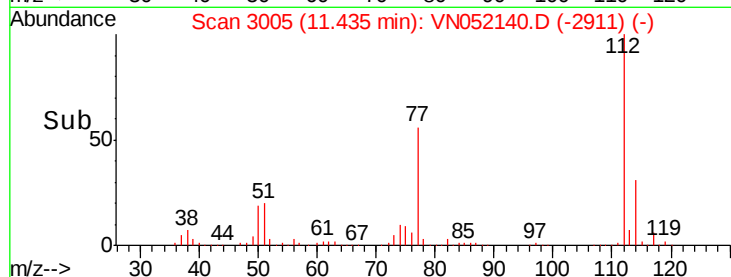
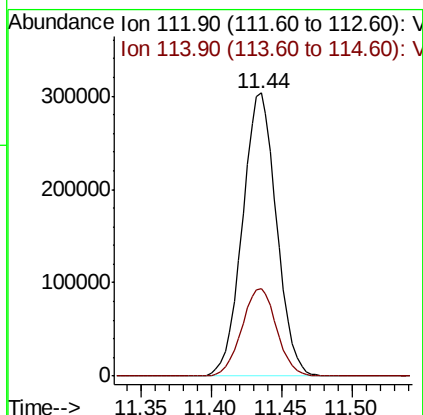
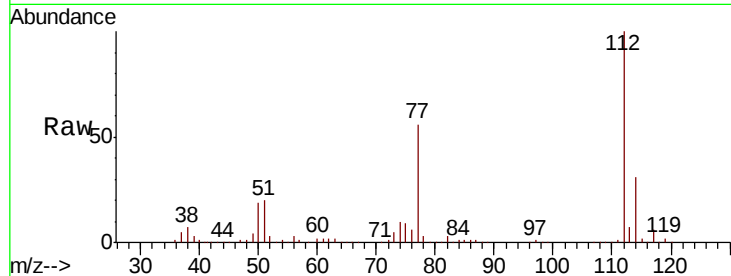




#65
Chlorobenzene
Concen: 50.250 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

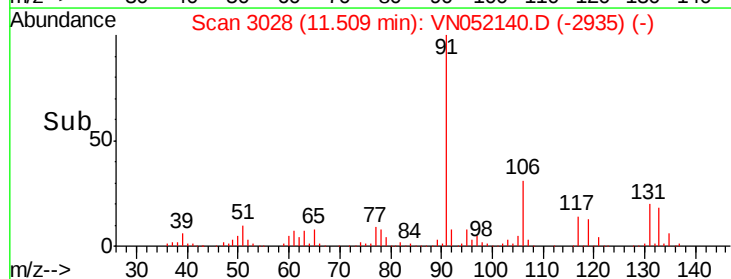
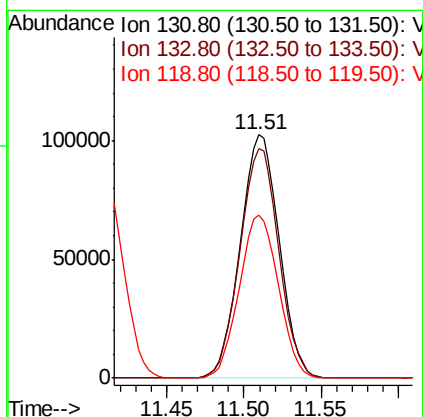
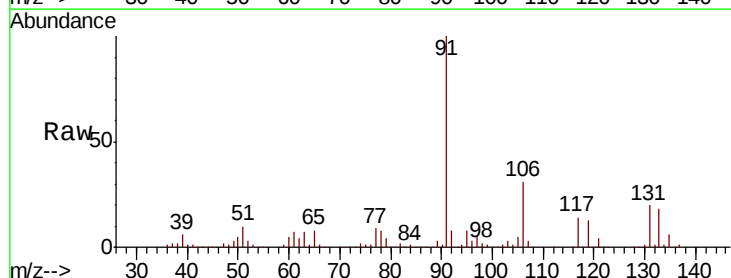
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

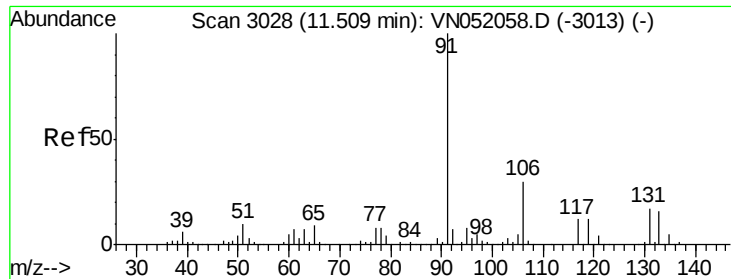
Tot Ion:112 Resp: 512515
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 56.000 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion:131 Resp: 179343
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 67.4 34.4 103.2

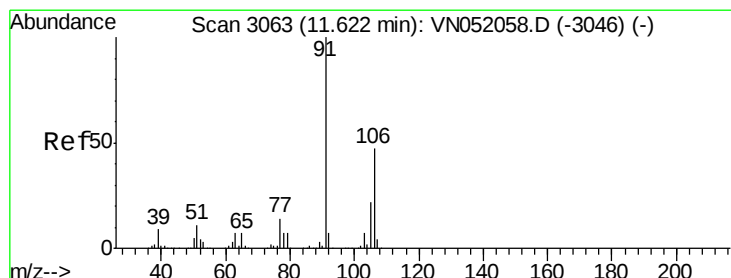
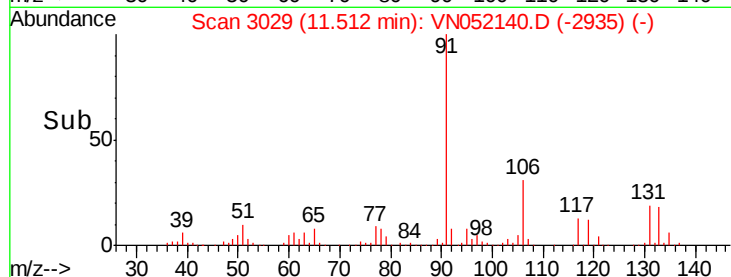
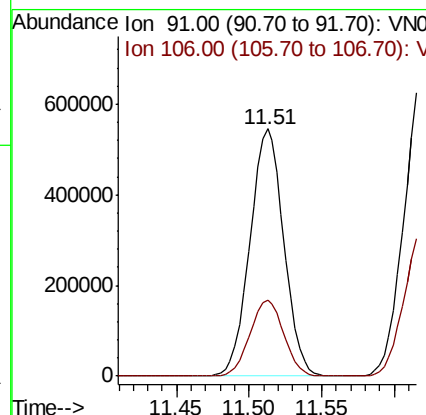
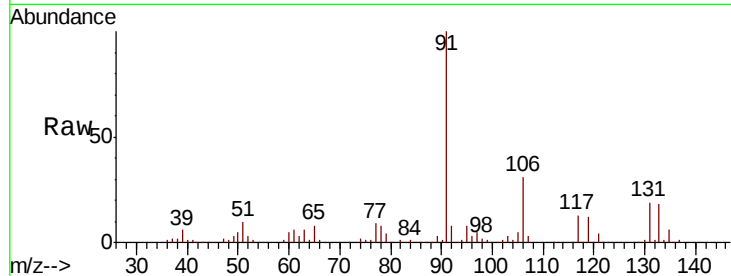




#67
Ethyl Benzene
Concen: 48.630 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

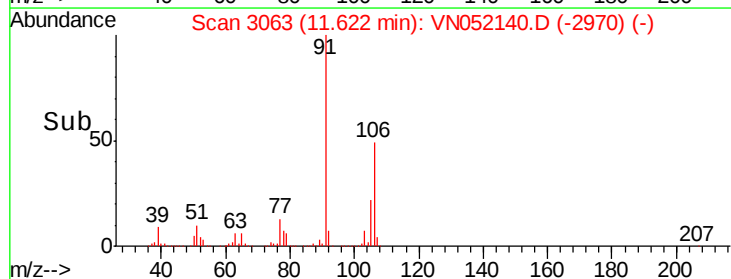
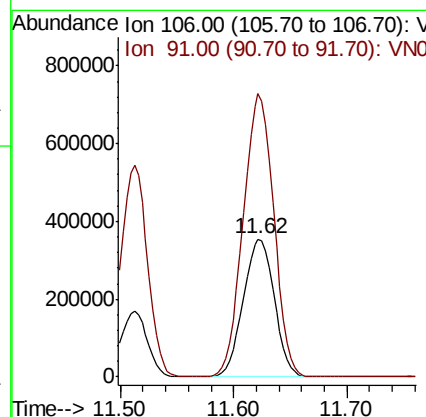
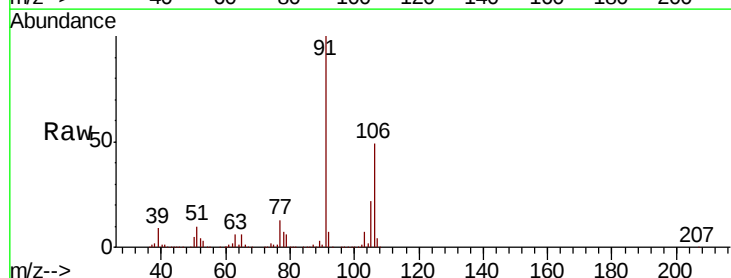
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

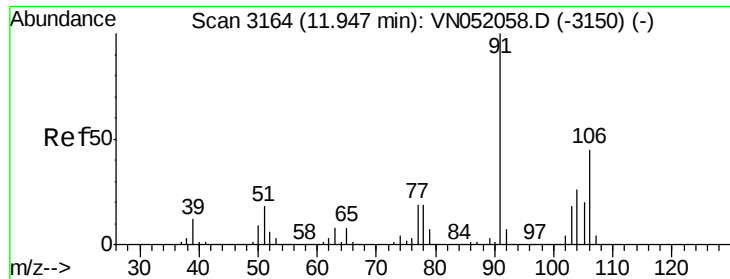
Tot Ion: 91 Resp: 884503
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 104.071 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 106 Resp: 677524
Ion Ratio Lower Upper
106 100
91 202.7 168.7 253.1

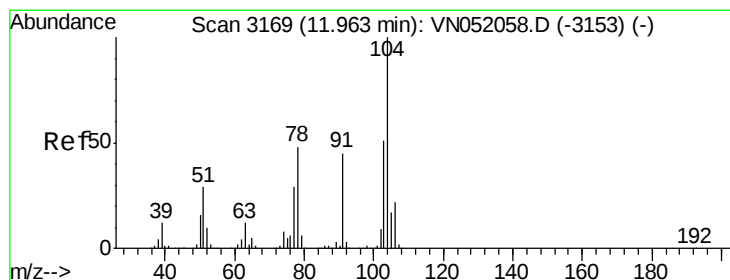
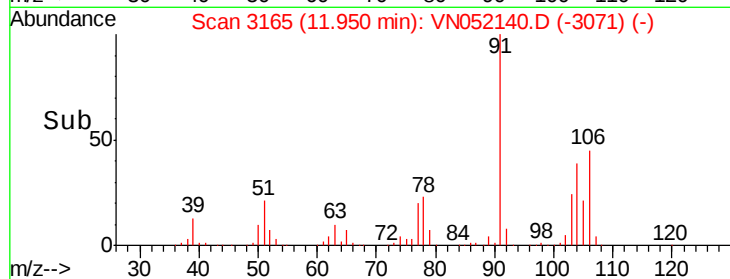
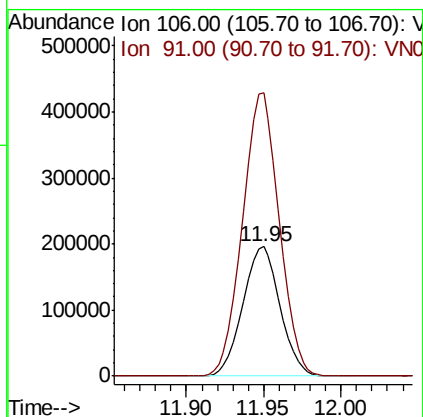
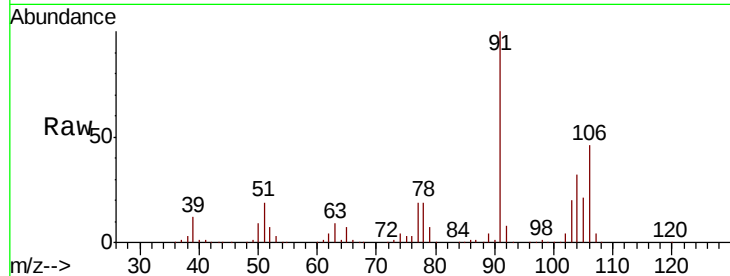




#69
o-Xylene
Concen: 50.911 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

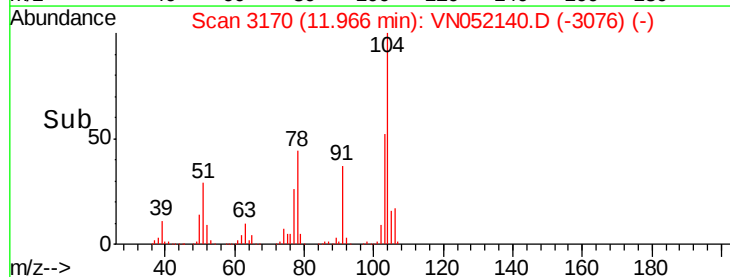
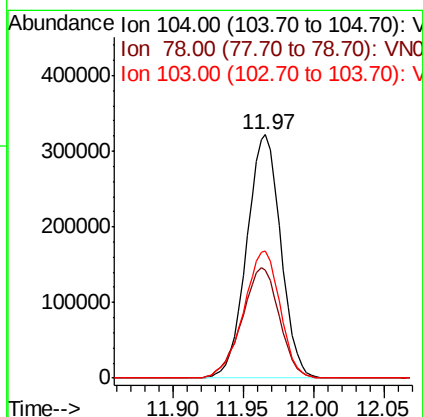
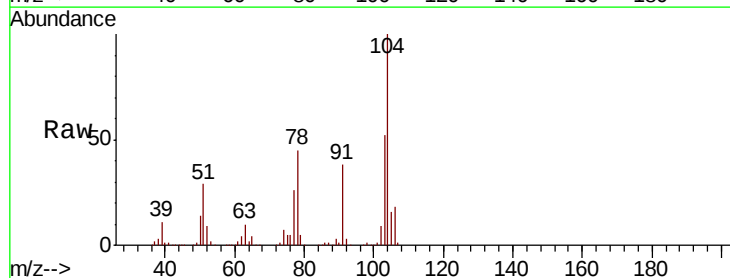
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

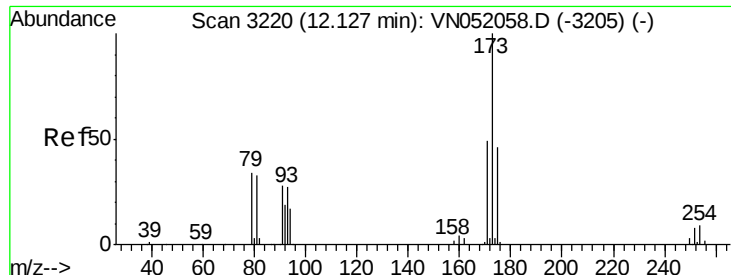
Tot Ion:106 Resp: 327967
Ion Ratio Lower Upper
106 100
91 216.3 109.6 328.6



#70
Styrene
Concen: 52.206 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion:104 Resp: 544168
Ion Ratio Lower Upper
104 100
78 50.0 43.0 64.6
103 56.1 45.1 67.7

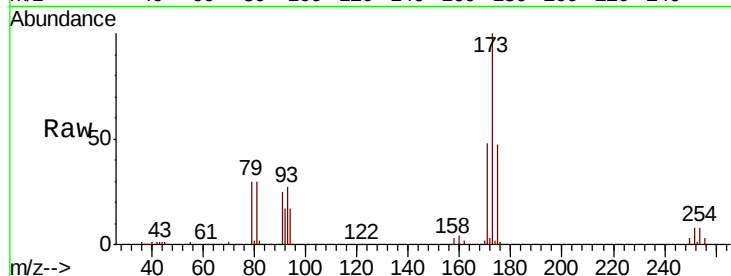




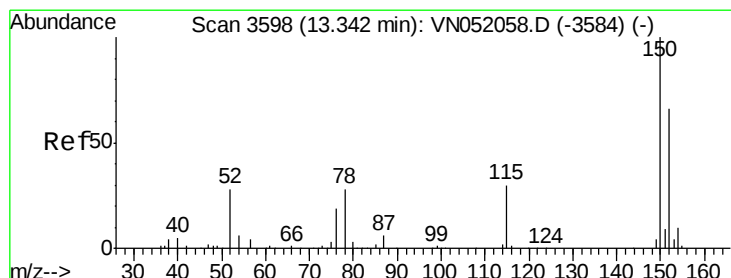
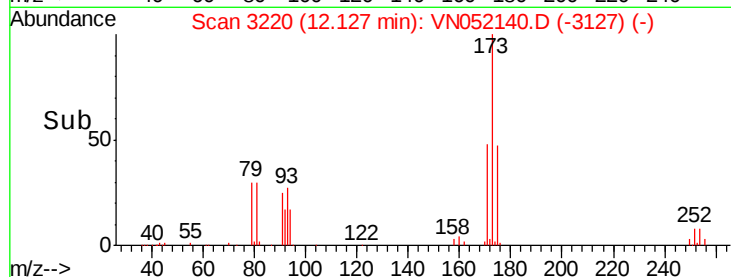
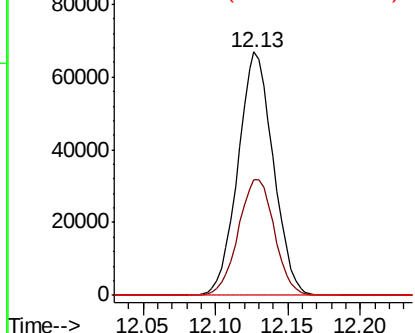
#71
Bromoform
Concen: 54.778 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 113185
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.7
254 0.0 0.0 0.0

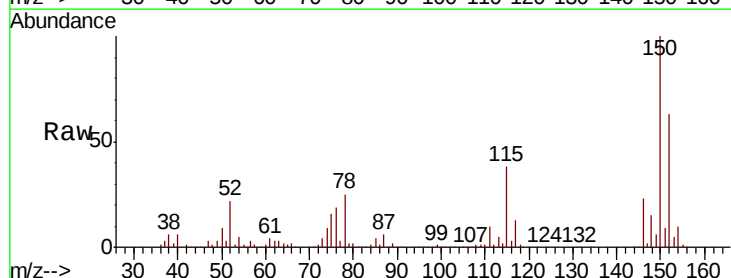


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

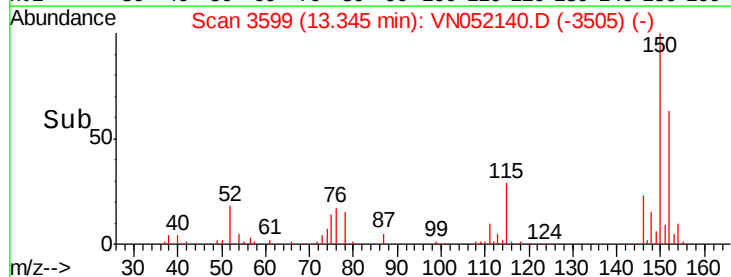
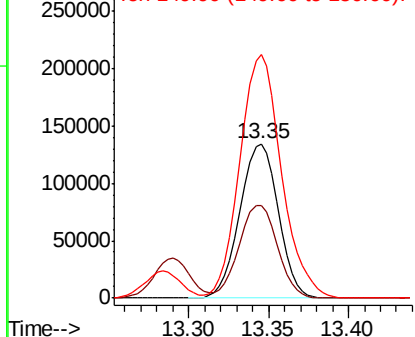


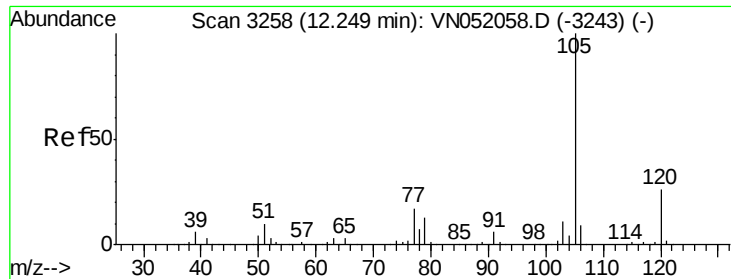
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion:152 Resp: 220237
Ion Ratio Lower Upper
152 100
115 60.6 31.6 95.0
150 171.1 0.0 345.0



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: 46.216 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

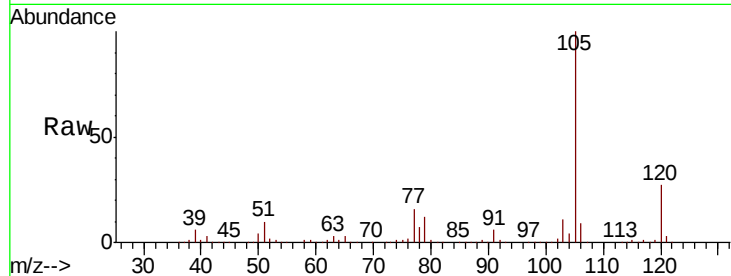
VSTDCCC050EC

Tot Ion:105 Resp: 870406

Ion Ratio Lower Upper

105 100

120 26.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

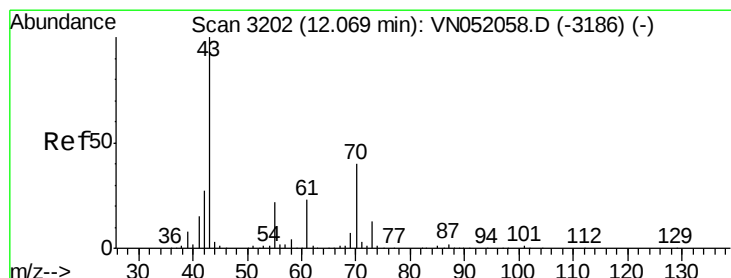
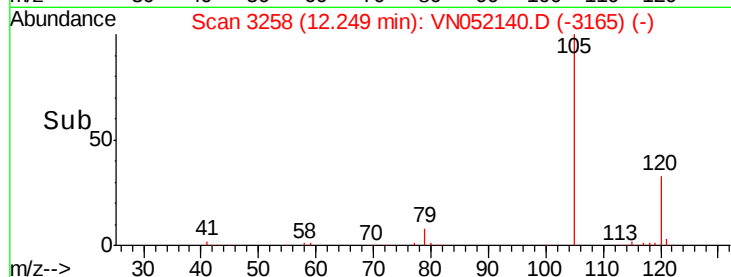
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 47.106 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Tgt Ion: 43 Resp: 309612

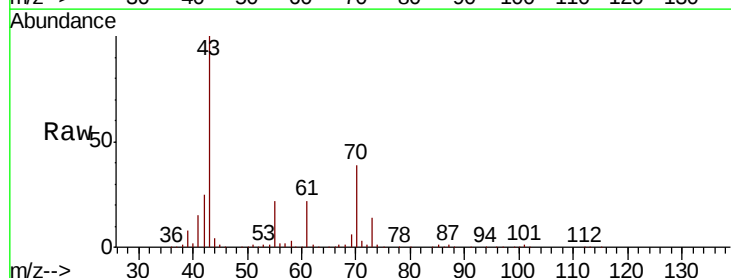
Ion Ratio Lower Upper

43 100

70 38.4 31.9 47.9

55 22.4 18.4 27.6

61 21.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

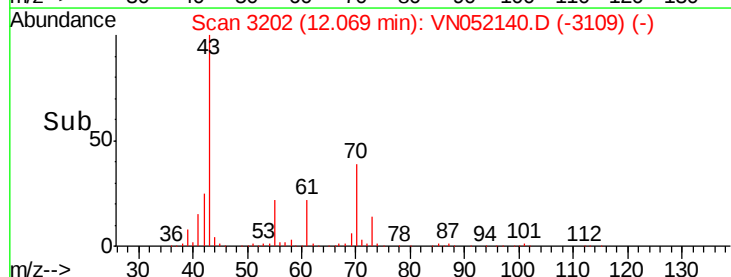
150000

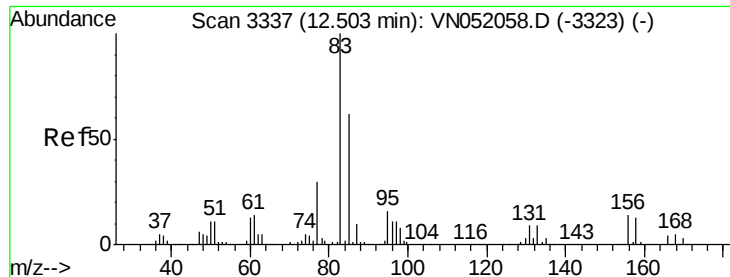
100000

50000

0

Time--> 12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 49.864 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

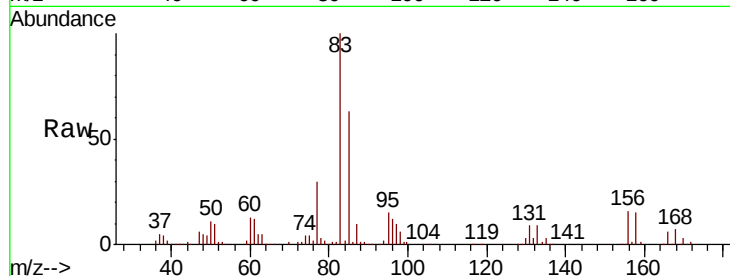
Tot Ion: 83 Resp: 225192

Ion Ratio Lower Upper

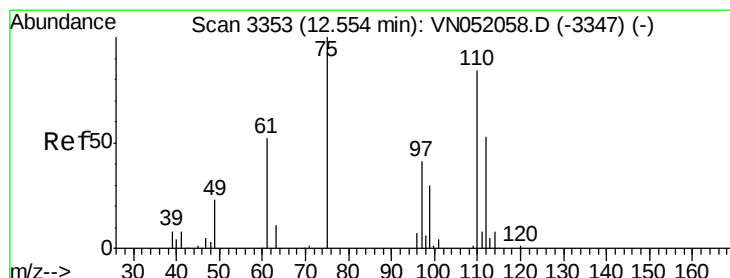
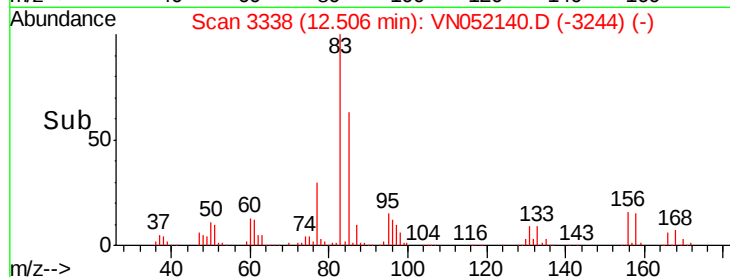
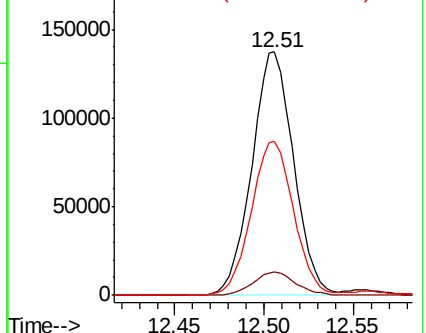
83 100

131 9.7 4.5 13.4

85 64.0 31.3 93.9



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



#76

1,2,3-Trichloropropane

Concen: 69.354 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN052140.D

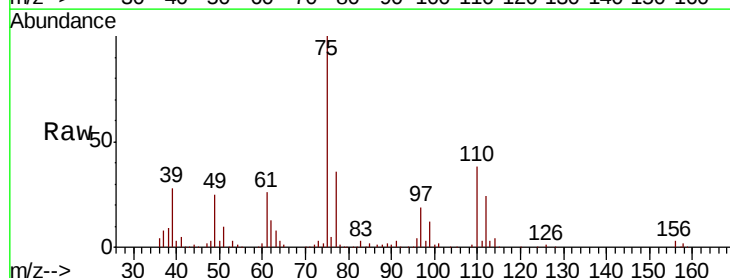
Acq: 2 Nov 2018 20:12

Tgt Ion: 75 Resp: 279602

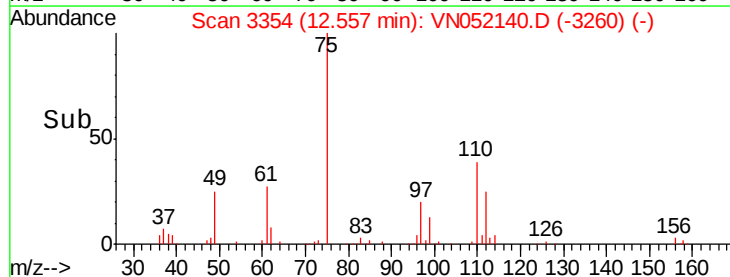
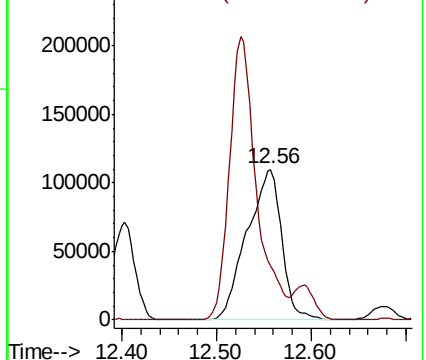
Ion Ratio Lower Upper

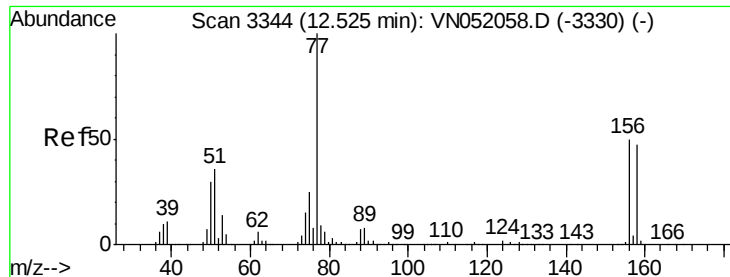
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 52.248 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

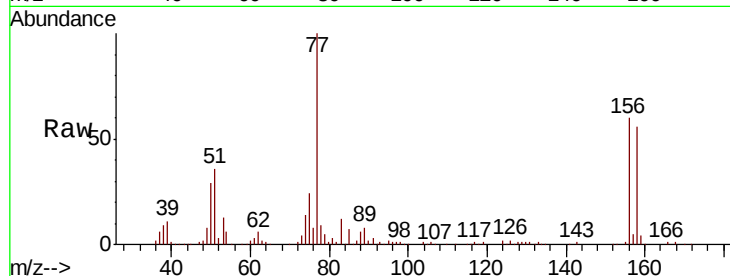
Tot Ion:156 Resp: 205882

Ion Ratio Lower Upper

156 100

77 200.8 119.6 358.6

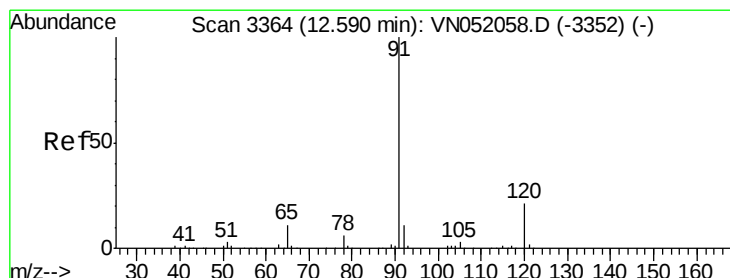
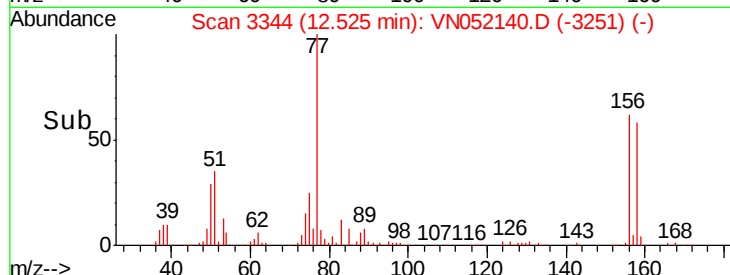
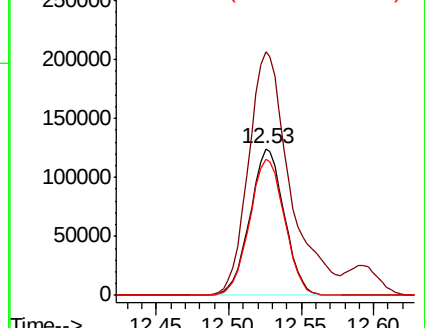
158 94.3 47.8 143.4



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: 44.683 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052140.D

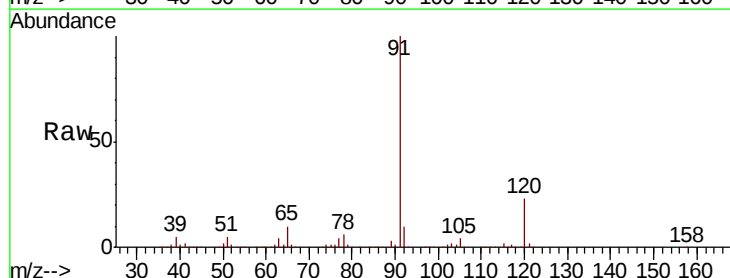
Acq: 2 Nov 2018 20:12

Tgt Ion: 91 Resp: 1019698

Ion Ratio Lower Upper

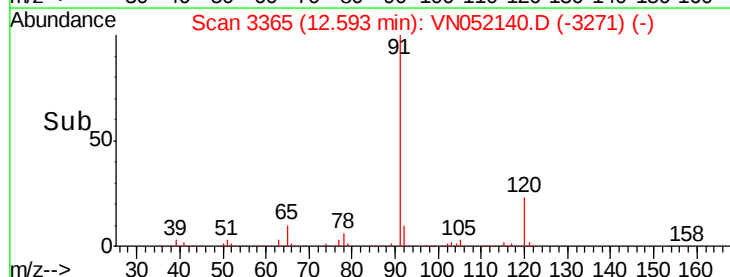
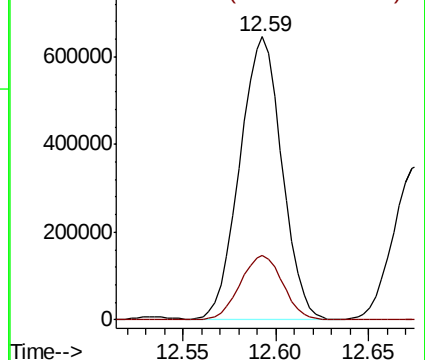
91 100

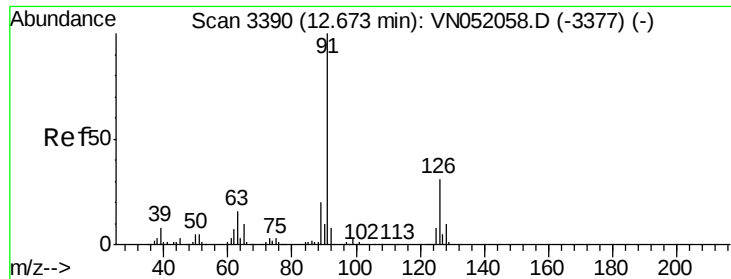
120 23.1 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

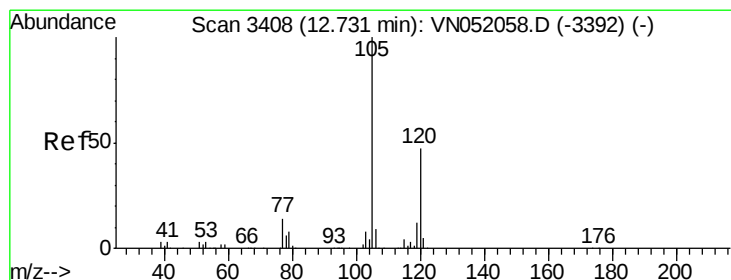
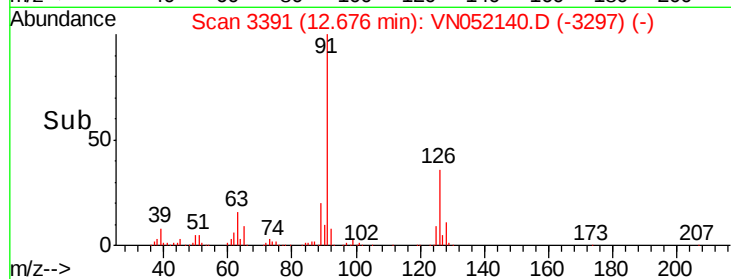
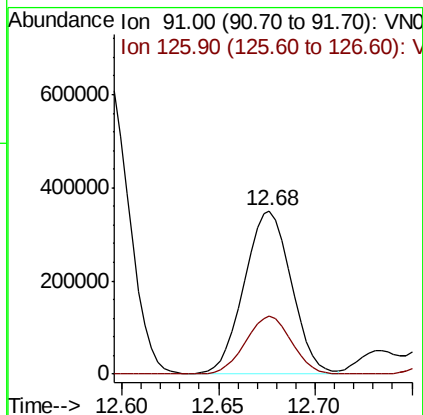
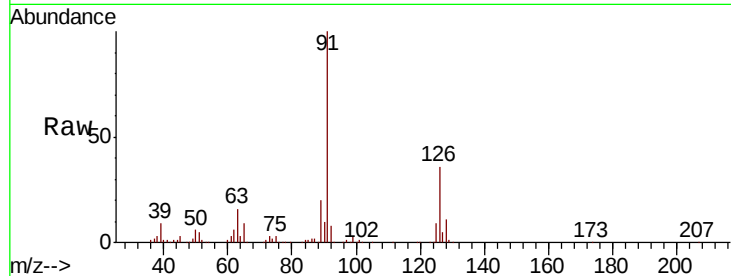




#79
 2-Chlorotoluene
 Concen: 44.527 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

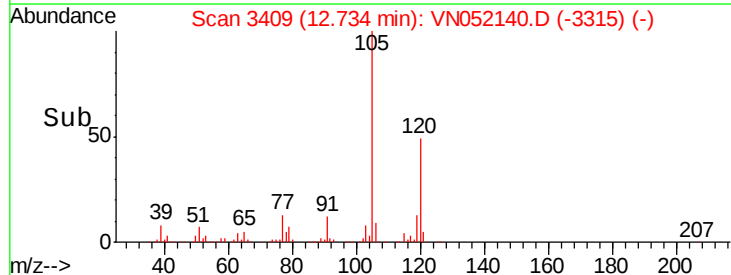
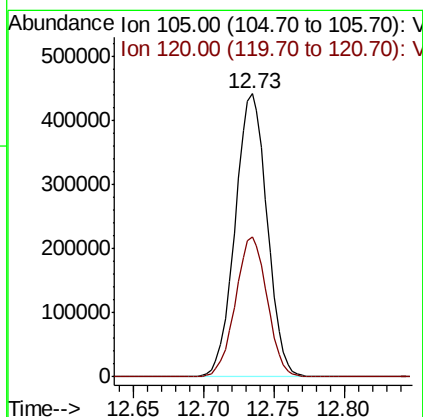
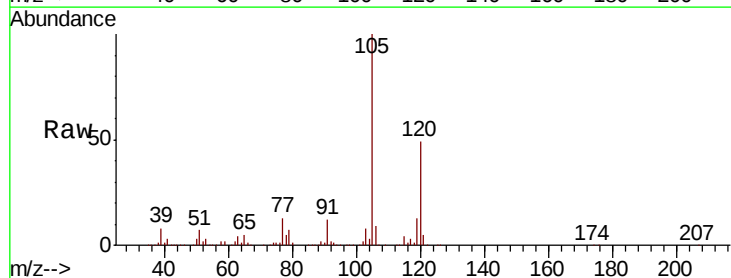
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

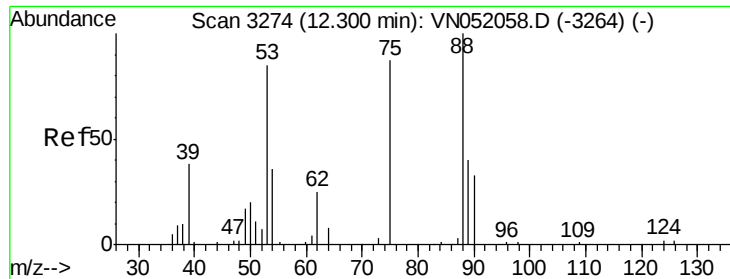
Tot Ion: 91 Resp: 592354
 Ion Ratio Lower Upper
 91 100
 126 35.0 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 45.843 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 105 Resp: 702590
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.4 70.0

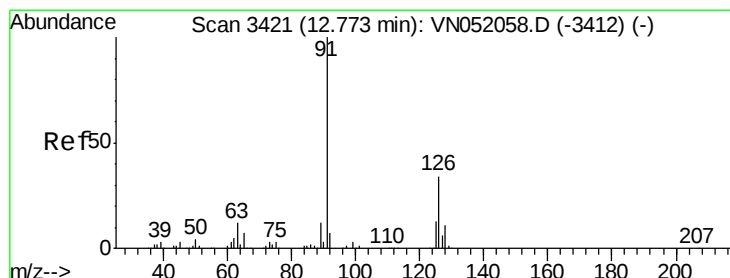
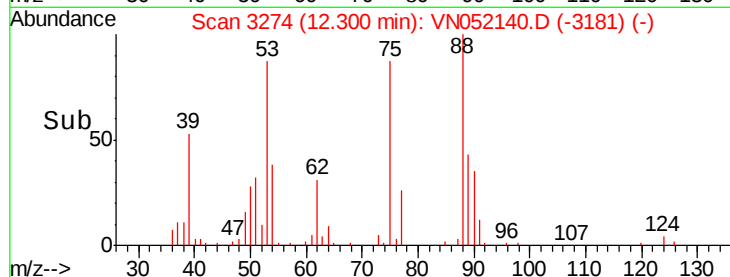
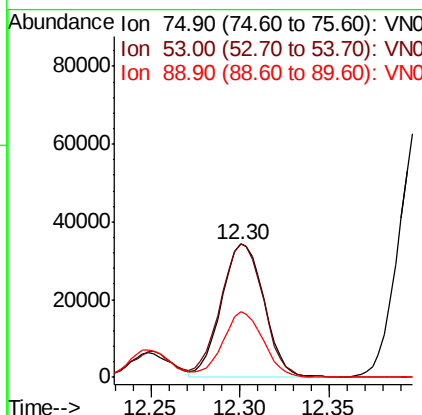
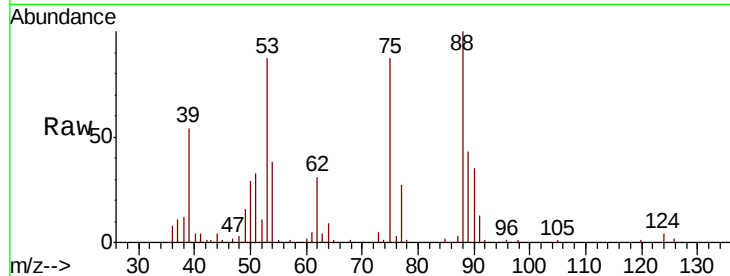




#81
trans-1,4-Dichloro-2-butene
Concen: 47.303 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

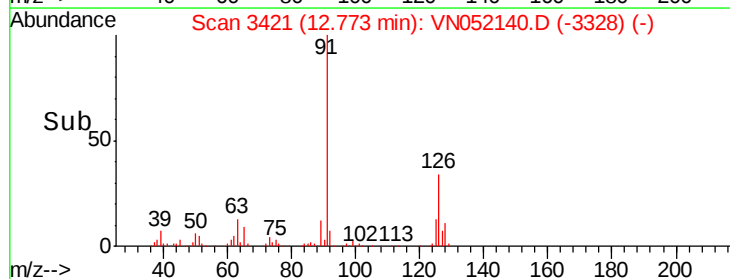
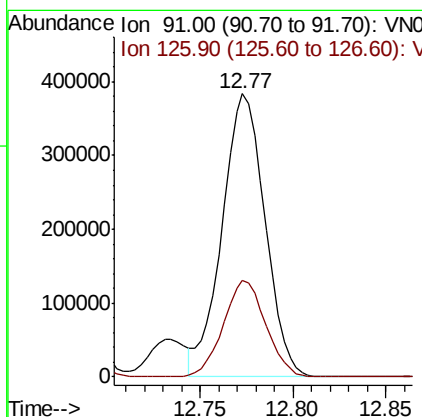
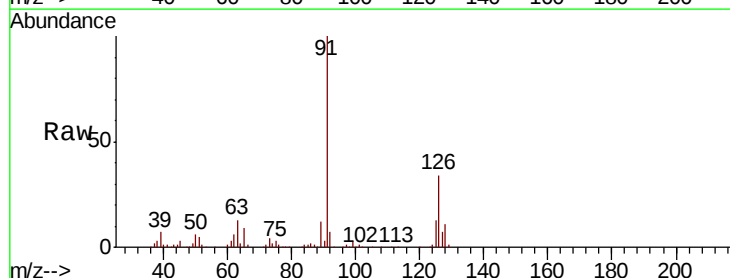
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

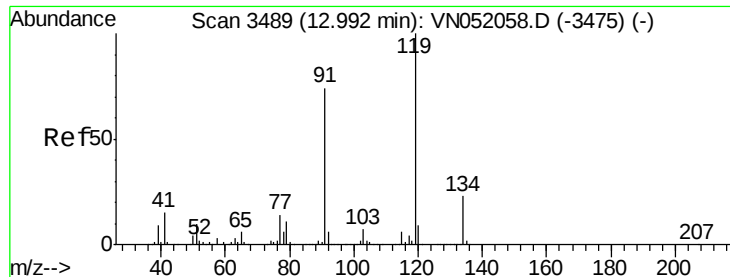
Tot Ion: 75 Resp: 57455
Ion Ratio Lower Upper
75 100
53 99.8 81.8 122.6
89 46.1 36.6 54.8



#82
4-Chlorotoluene
Concen: 45.258 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion: 91 Resp: 613961
Ion Ratio Lower Upper
91 100
126 33.8 15.7 47.1

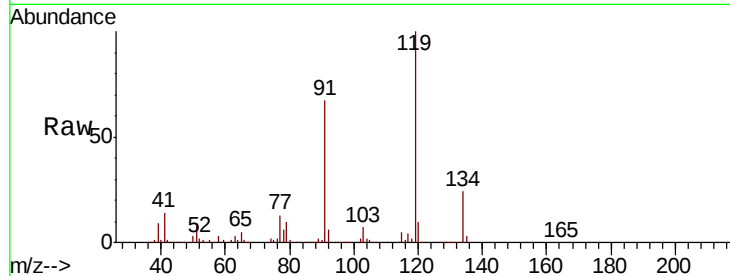




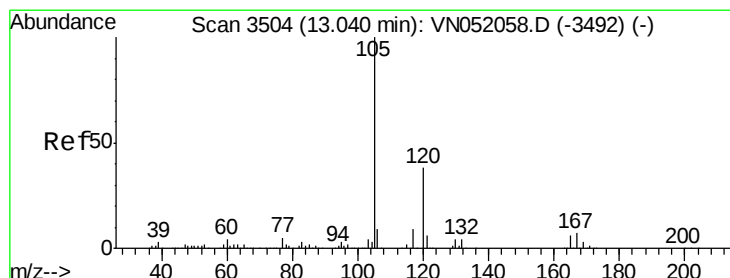
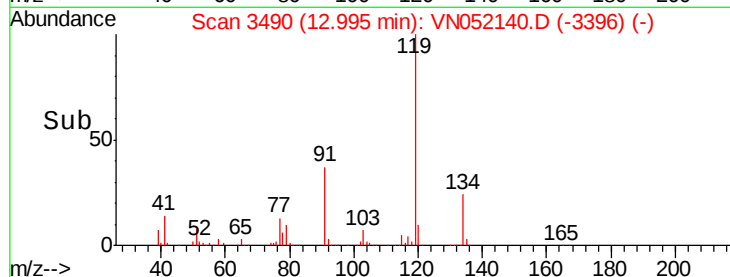
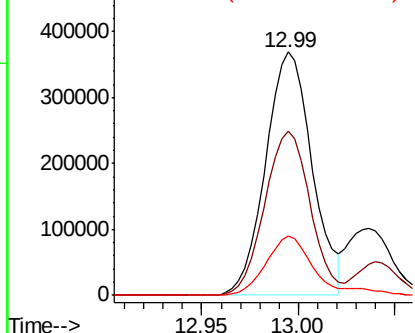
#83
tert-Butylbenzene
Concen: 47.887 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 616516
Ion Ratio Lower Upper
119 100
91 66.4 36.6 109.9
134 23.6 12.5 37.5

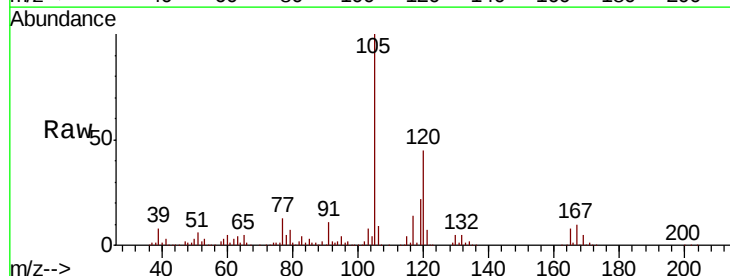


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

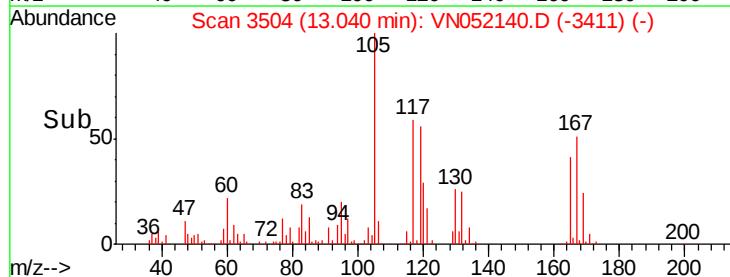
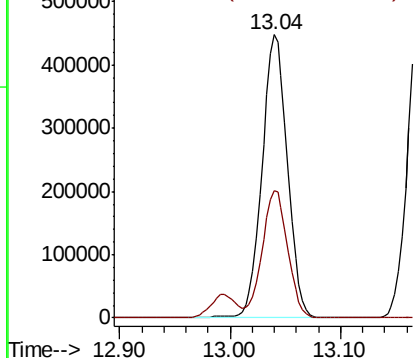


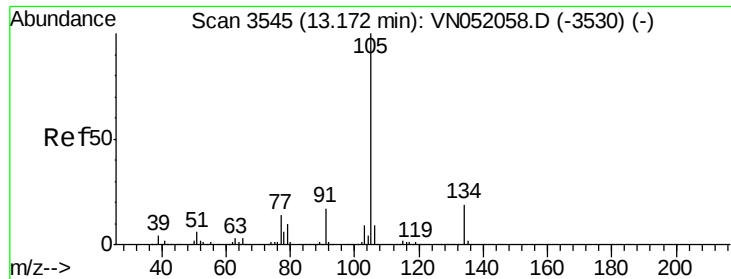
#84
1,2,4-Trimethylbenzene
Concen: 46.727 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052140.D
Acq: 2 Nov 2018 20:12

Tgt Ion:105 Resp: 712817
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.5



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





#85

sec-Butylbenzene

Concen: 45.568 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

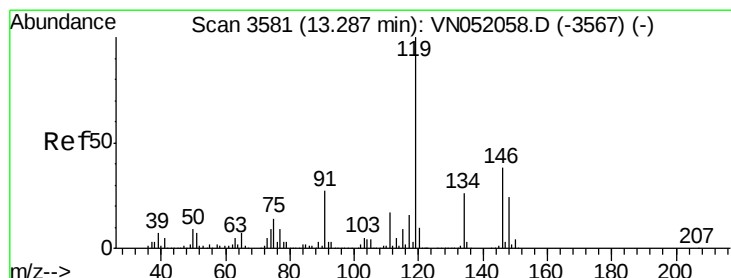
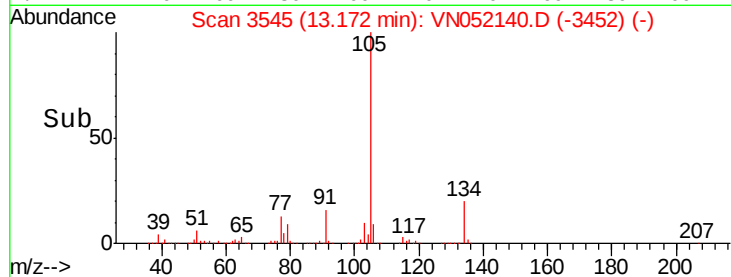
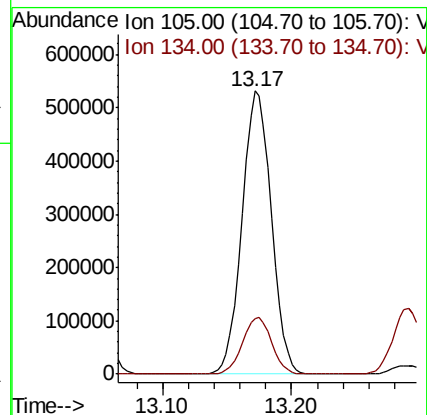
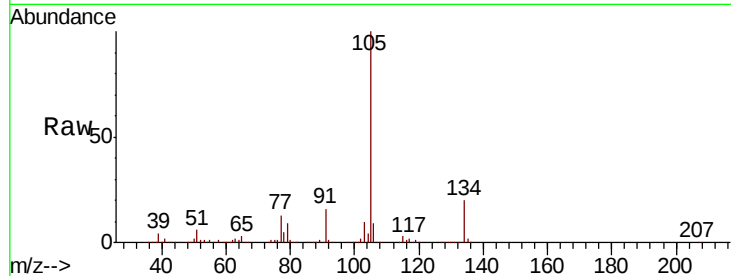
VSTDCCC050EC

Tot Ion:105 Resp: 838035

Ion Ratio Lower Upper

105 100

134 20.0 9.1 27.3



#86

p-Isopropyltoluene

Concen: 47.430 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

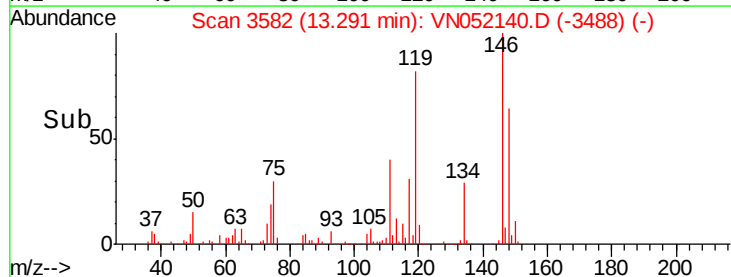
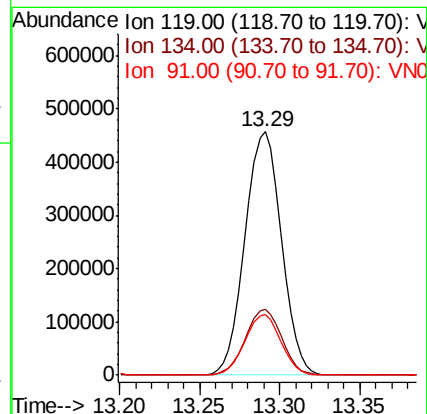
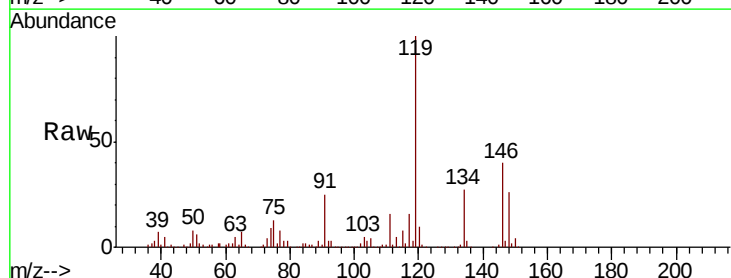
Tgt Ion:119 Resp: 710395

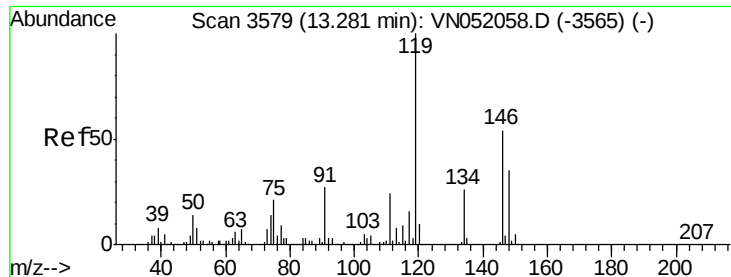
Ion Ratio Lower Upper

119 100

134 27.0 12.8 38.3

91 24.7 13.4 40.2

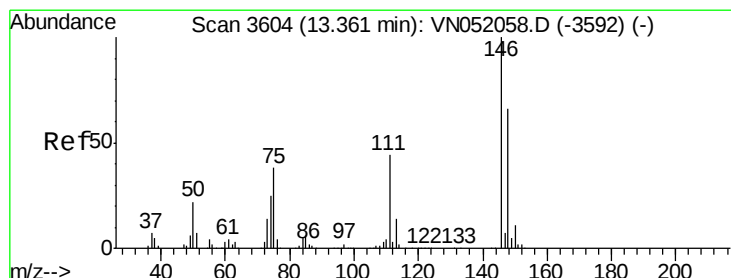
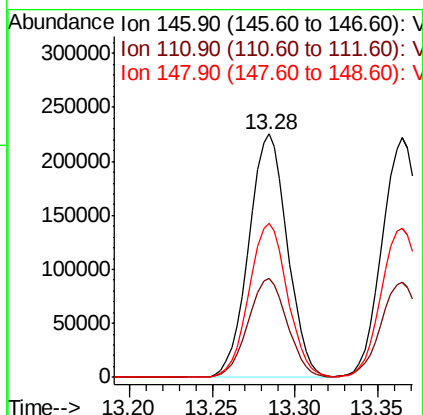
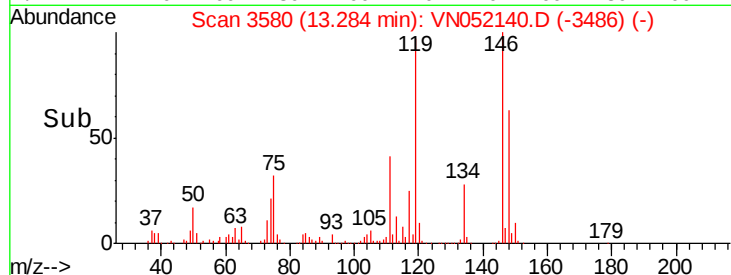
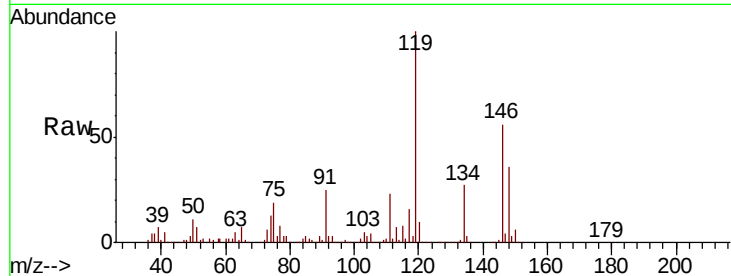




#87
 1,3-Dichlorobenzene
 Concen: 50.716 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

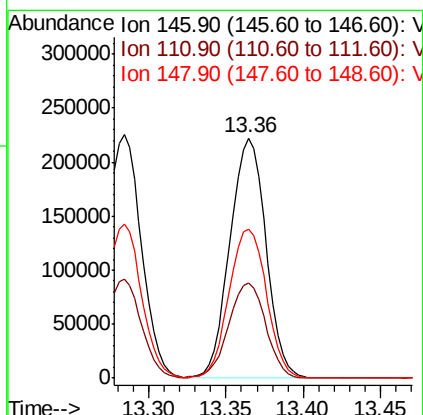
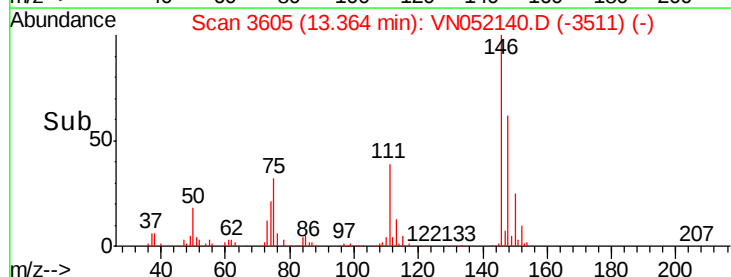
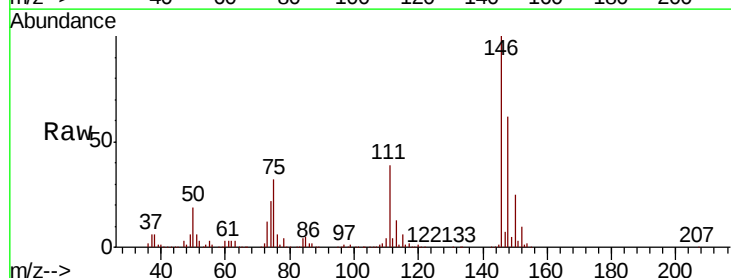
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

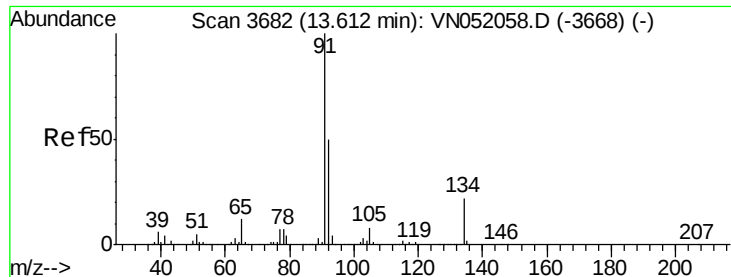
Tot Ion:146 Resp: 364456
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.9 68.8
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.980 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion:146 Resp: 359979
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.9 65.8
 148 64.3 32.6 98.0





#89

n-Butylbenzene

Concen: 43.102 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

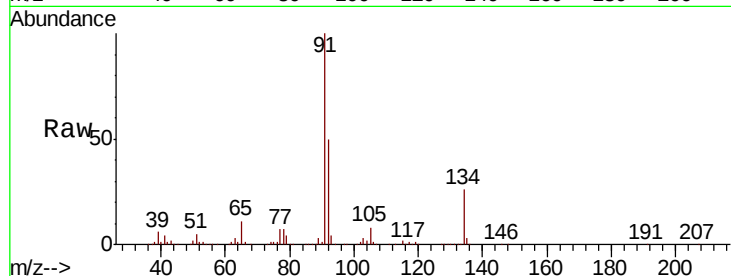
Tot Ion: 91 Resp: 615678

Ion Ratio Lower Upper

91 100

92 50.5 25.3 75.8

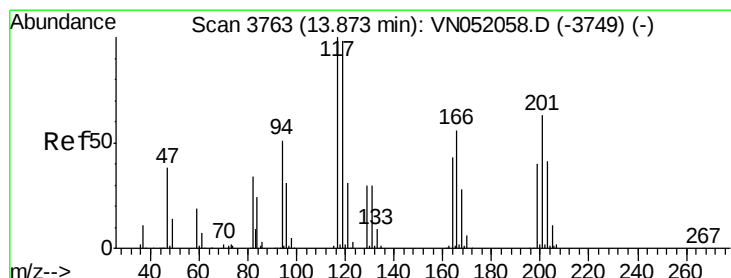
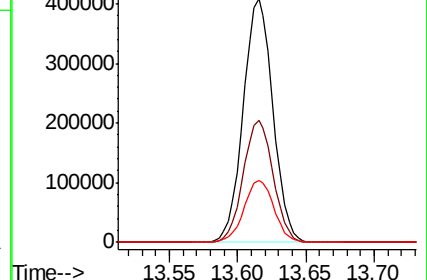
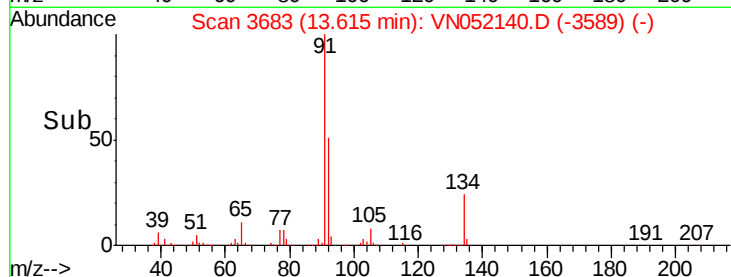
134 25.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN052140.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN052140.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN052140.D (-3682) (-)



#90

Hexachloroethane

Concen: 48.274 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052140.D

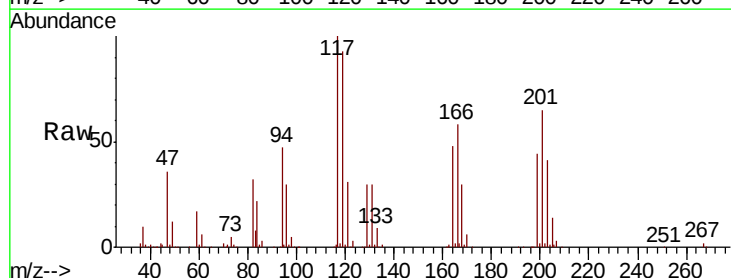
Acq: 2 Nov 2018 20:12

Tgt Ion: 117 Resp: 123911

Ion Ratio Lower Upper

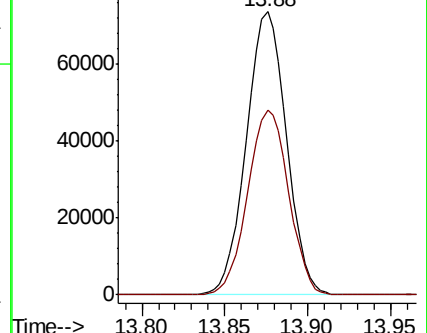
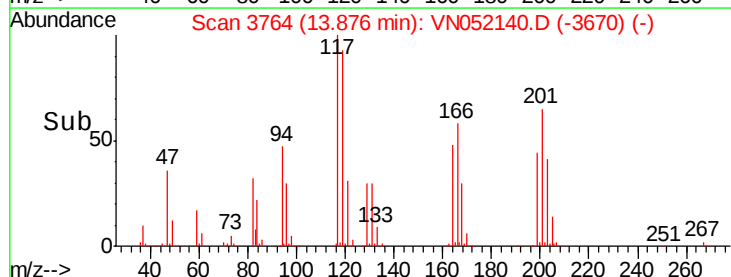
117 100

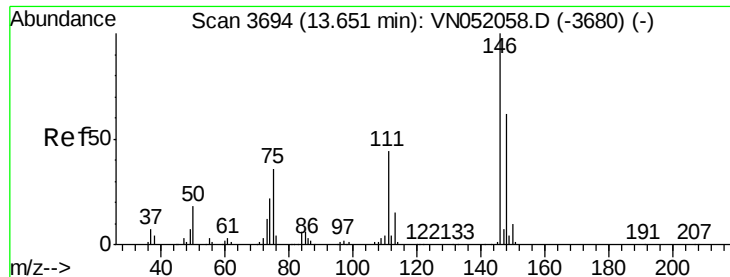
201 66.4 31.1 93.5



Abundance Ion 116.80 (116.50 to 117.50): VN052140.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN052140.D (-3763) (-)

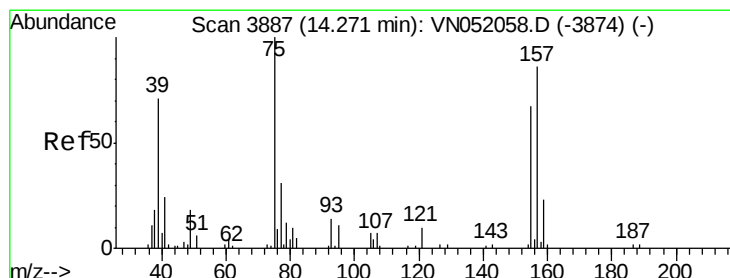
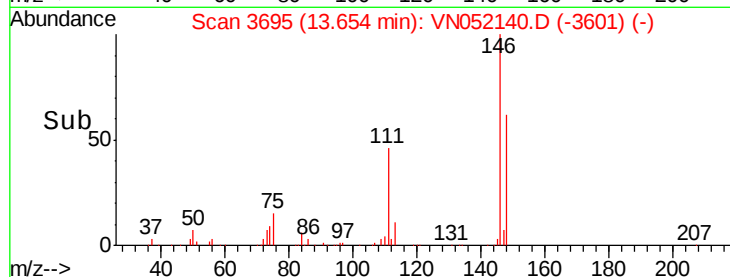
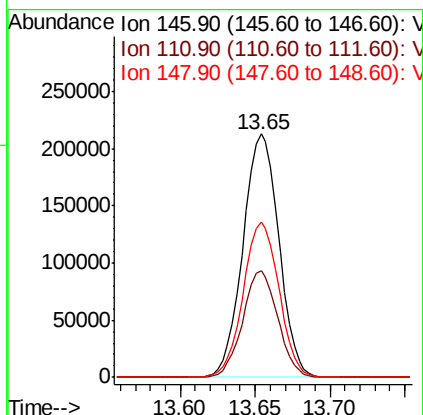
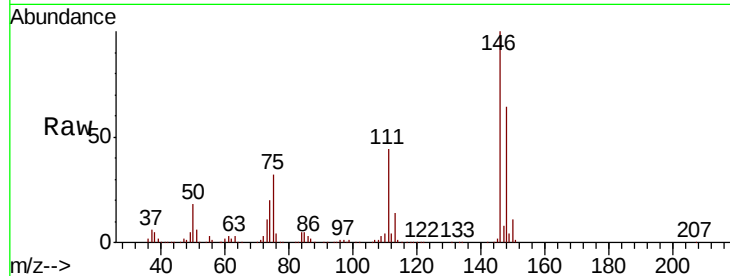




#91
 1,2-Dichlorobenzene
 Concen: 52.698 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

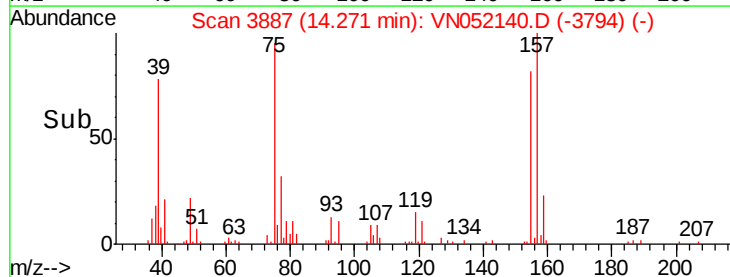
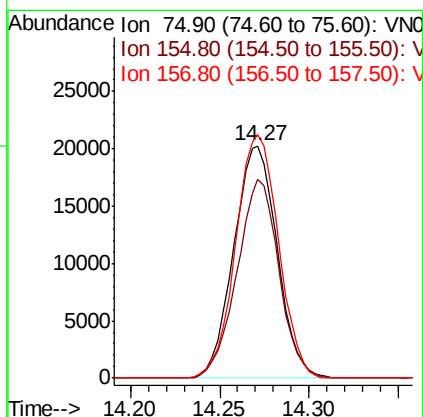
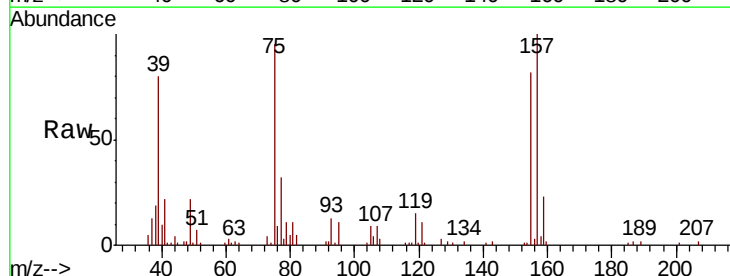
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

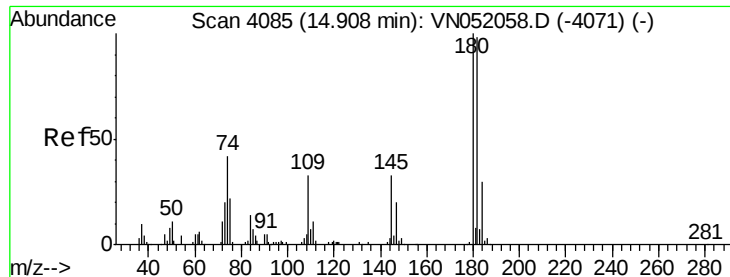
Tot Ion:146 Resp: 356052
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.5 67.5
 148 63.6 30.9 92.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.573 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion: 75 Resp: 34253
 Ion Ratio Lower Upper
 75 100
 155 82.6 34.0 102.0
 157 103.5 42.1 126.4

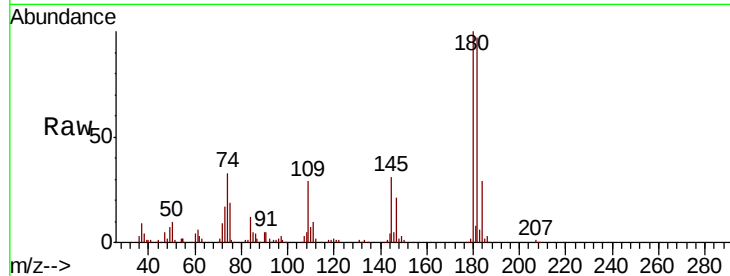




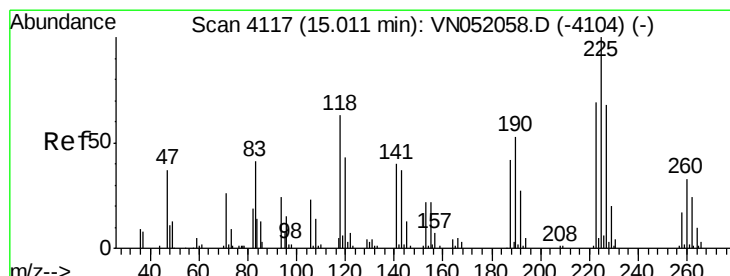
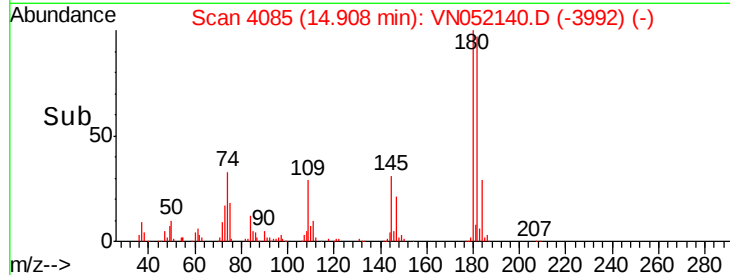
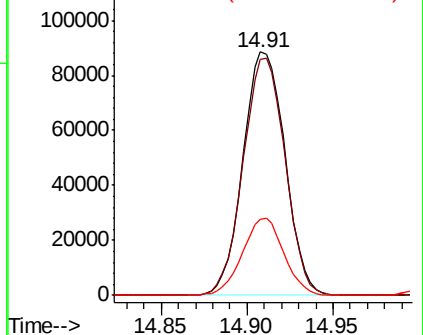
#93
 1,2,4-Trichlorobenzene
 Concen: 59.841 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 150553
 Ion Ratio Lower Upper
 180 100
 182 97.2 49.1 147.4
 145 31.3 16.4 49.2

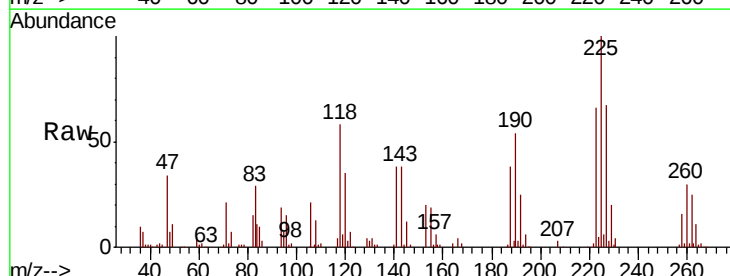


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

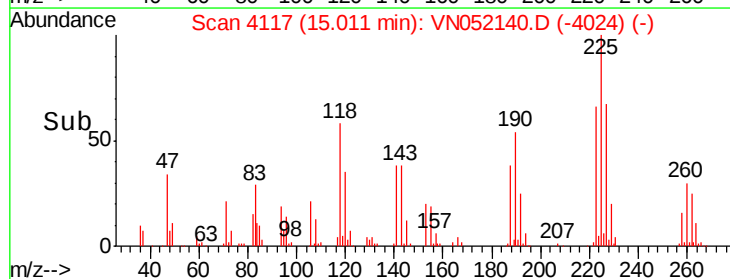
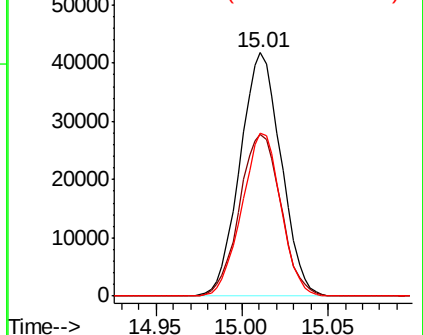


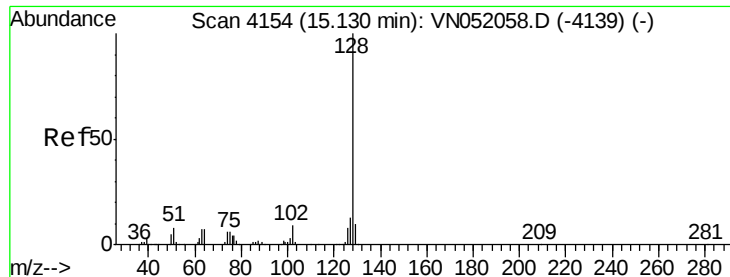
#94
 Hexachlorobutadiene
 Concen: 49.083 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052140.D
 Acq: 2 Nov 2018 20:12

Tgt Ion:225 Resp: 69115
 Ion Ratio Lower Upper
 225 100
 223 66.9 33.1 99.3
 227 63.7 32.6 97.8



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: 64.720 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

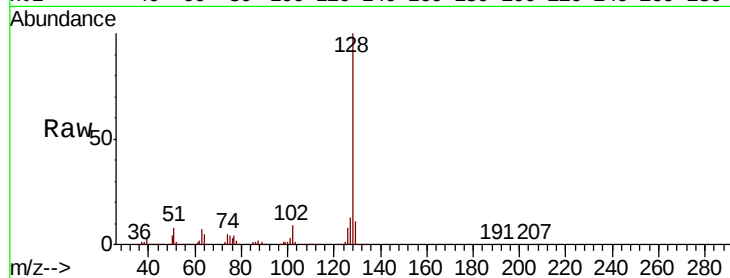
Tot Ion:128 Resp: 408411

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.6 12.8

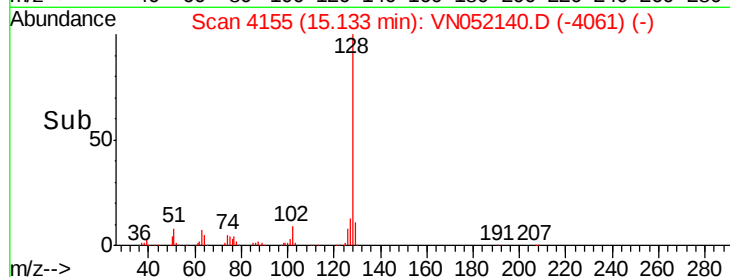


Abundance Ion 128.00 (127.70 to 128.70): V

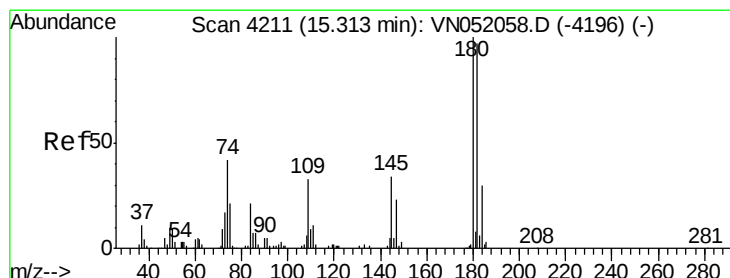
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 63.272 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052140.D

Acq: 2 Nov 2018 20:12

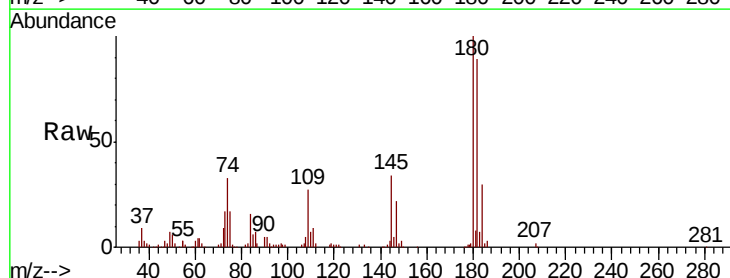
Tgt Ion:180 Resp: 137369

Ion Ratio Lower Upper

180 100

182 90.9 47.2 141.6

145 32.5 16.6 49.7

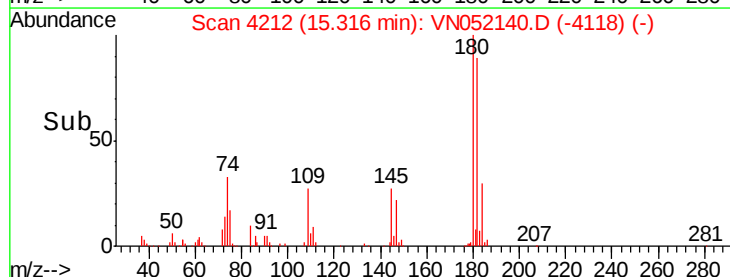


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.32



Time-->