

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051780.D
 Acq On : 10 Oct 2018 10:46
 Operator : MD\SY
 Sample : VN1010MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Quant Time: Oct 11 01:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	3223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	5913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	8696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	11999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	403787	9483.57	ug/l	0.00
Spiked Amount	50.000		Recovery	= 18967.14%		
35) Dibromofluoromethane	7.59	113	372816	8155.12	ug/l	0.00
Spiked Amount	50.000		Recovery	= 16310.24%		
50) Toluene-d8	10.09	98	1374936	8061.95	ug/l	0.00
Spiked Amount	50.000		Recovery	= 16123.90%		
62) 4-Bromofluorobenzene	12.40	95	448143	7423.28	ug/l	0.00
Spiked Amount	50.000		Recovery	= 14846.56%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	144283	3498.415	ug/l	99
3) Chloromethane	2.06	50	128725	3499.735	ug/l	98
4) Vinyl Chloride	2.18	62	197446	3407.773	ug/l	98
5) Bromomethane	2.57	94	172717	3876.296	ug/l	99
6) Chloroethane	2.70	64	141216	3626.412	ug/l	95
7) Trichlorofluoromethane	3.01	101	253650	4320.501	ug/l	98
8) Diethyl Ether	3.41	74	68185	4038.437	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133160	4134.966	ug/l	99
10) Methyl Iodide	3.95	142	152351	3413.138	ug/l	99
11) Tert butyl alcohol	4.80	59	55724	19257.555	ug/l	98
12) 1,1-Dichloroethene	3.73	96	115260	3840.118	ug/l	98
13) Acrolein	3.61	56	22449	12220.107	ug/l	92
14) Allyl chloride	4.32	41	157927	3449.802	ug/l	99
15) Acrylonitrile	4.99	53	193206	19349.134	ug/l	98
16) Acetone	3.82	43	152087	23083.176	ug/l	98
17) Carbon Disulfide	4.05	76	286825	3143.833	ug/l	99
18) Methyl Acetate	4.33	43	103813	4417.429	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	380904	3844.704	ug/l	100
20) Methylene Chloride	4.55	84	134543	3840.766	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	132841	3734.895	ug/l	89
22) Diisopropyl ether	5.95	45	345004	3515.752	ug/l	93
23) Vinyl Acetate	5.90	43	1240569	17193.345	ug/l	96
24) 1,1-Dichloroethane	5.85	63	230831	3657.510	ug/l	98
25) 2-Butanone	6.84	43	233001	18951.252	ug/l	95
26) 2,2-Dichloropropane	6.82	77	236695	3742.510	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	159487	3862.646	ug/l	95
28) Bromochloromethane	7.20	49	107116	3833.732	ug/l	91
29) Tetrahydrofuran	7.22	42	143217	18981.990	ug/l	92
30) Chloroform	7.37	83	273808	3861.386	ug/l	98
31) Cyclohexane	7.65	56	196685	3402.931	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	261399	3803.202	ug/l	98
36) 1,1-Dichloropropene	7.79	75	193163	3125.333	ug/l	99
37) Ethyl Acetate	6.93	43	101851	3159.678	ug/l	99
38) Carbon Tetrachloride	7.78	117	233413	3147.301	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	244567	3152.333	ug/l	99
40) Benzene	8.04	78	579733	3164.130	ug/l	98
41) Methacrylonitrile	7.18	41	57493	3482.194	ug/l	90
42) 1,2-Dichloroethane	8.13	62	195213	3161.509	ug/l	99
43) Isopropyl Acetate	8.17	43	209652	3119.511	ug/l #	89
44) Trichloroethene	8.84	130	173151	3328.304	ug/l	98
45) 1,2-Dichloropropane	9.12	63	140971	3111.966	ug/l	99
46) Dibromomethane	9.21	93	103420	3284.557	ug/l	99
47) Bromodichloromethane	9.40	83	211409	3050.026	ug/l	99
48) Methyl methacrylate	9.20	41	92150	3000.684	ug/l	97
49) 1,4-Dioxane	9.20	88	31529	68469.398	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	539954	15855.145	ug/l	98
52) Toluene	10.16	92	384503	3155.254	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	211108	2951.636	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	225395	2967.675	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	144491	3328.440	ug/l	95
56) Ethyl methacrylate	10.43	69	173046	3152.145	ug/l	97
57) 1,3-Dichloropropane	10.71	76	222462	3237.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	361960	15931.087	ug/l	97
59) 2-Hexanone	10.75	43	356320	15406.341	ug/l	99
60) Dibromochloromethane	10.90	129	173438	3052.961	ug/l	100
61) 1,2-Dibromoethane	11.01	107	148946	3245.593	ug/l	99
64) Tetrachloroethene	10.63	164	172949	2254.284	ug/l	97
65) Chlorobenzene	11.44	112	435317	2021.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	172791	2003.716	ug/l	99
67) Ethyl Benzene	11.51	91	744248	1999.288	ug/l	100
68) m/p-Xylenes	11.62	106	591846	3973.558	ug/l	98
69) o-Xylene	11.95	106	289219	1979.987	ug/l	100
70) Styrene	11.96	104	445491	1913.964	ug/l	99
71) Bromoform	12.13	173	110390	1721.020	ug/l #	99
73) Isopropylbenzene	12.25	105	790298	772.649	ug/l	100
74) N-amyl acetate	12.07	43	154484	778.598	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	168208	915.158	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	205126	1494.381	ug/l #	100
77) Bromobenzene	12.53	156	189019	755.784	ug/l	96
78) n-propylbenzene	12.59	91	840205	753.123	ug/l	100
79) 2-Chlorotoluene	12.67	91	496368	754.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	658360	763.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42767	655.172	ug/l	95
82) 4-Chlorotoluene	12.77	91	483722	732.347	ug/l	99
83) tert-Butylbenzene	12.99	119	606944	785.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	654845	758.443	ug/l	98
85) sec-Butylbenzene	13.17	105	792422	775.602	ug/l	99
86) p-Isopropyltoluene	13.29	119	693347	765.501	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	329634	756.397	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	306624	714.823	ug/l	100
89) n-Butylbenzene	13.62	91	526681	735.446	ug/l	100
90) Hexachloroethane	13.88	117	123108	681.243	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	323862	747.557	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26077	725.753	ug/l	96

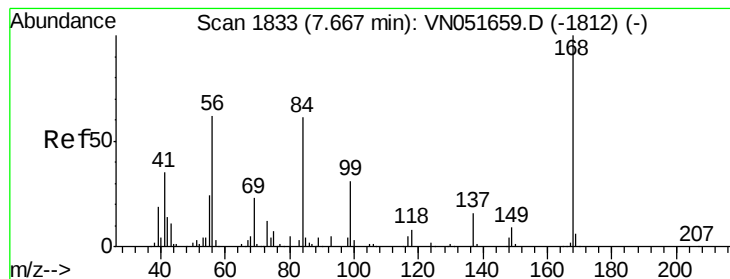
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135462	702.687	ug/l	99
94) Hexachlorobutadiene	15.01	225	108233	827.490	ug/l	98
95) Naphthalene	15.13	128	271839	652.994	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142462	750.356	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

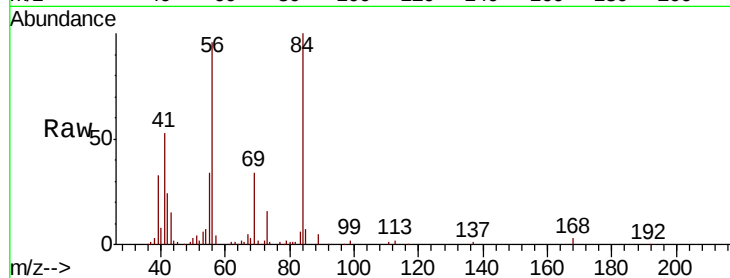
VN1010MBS01

Tot Ion:168 Resp: 3223

Ion Ratio Lower Upper

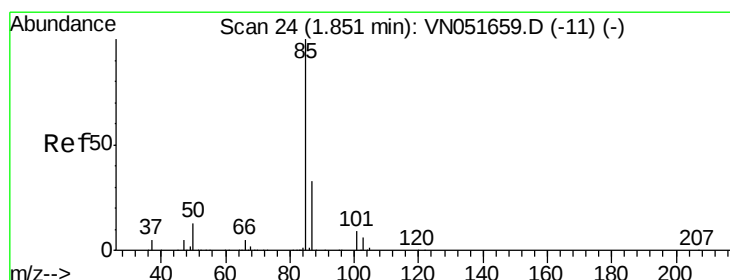
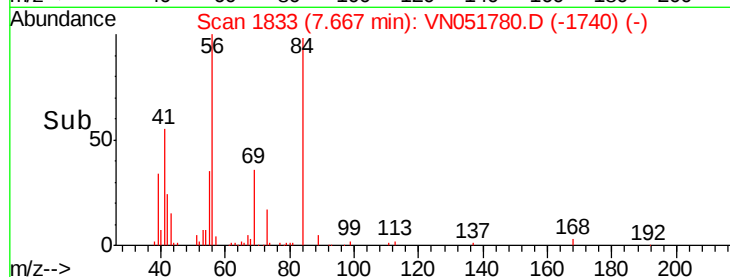
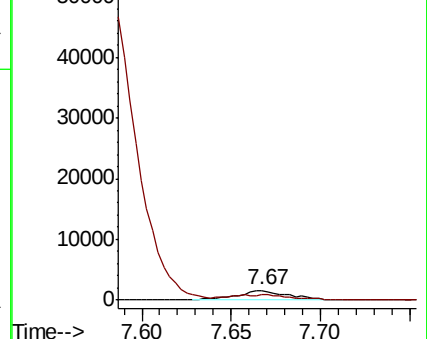
168 100

99 58.9 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 3498.415 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051780.D

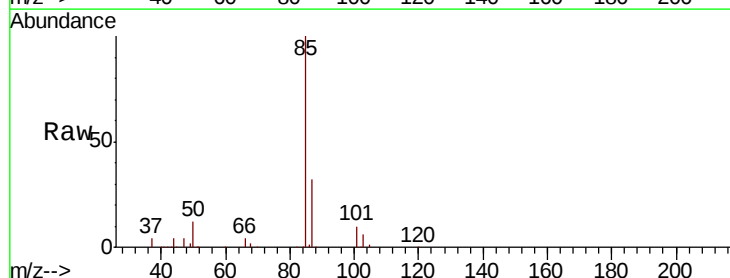
Acq: 10 Oct 2018 10:46

Tgt Ion: 85 Resp: 144283

Ion Ratio Lower Upper

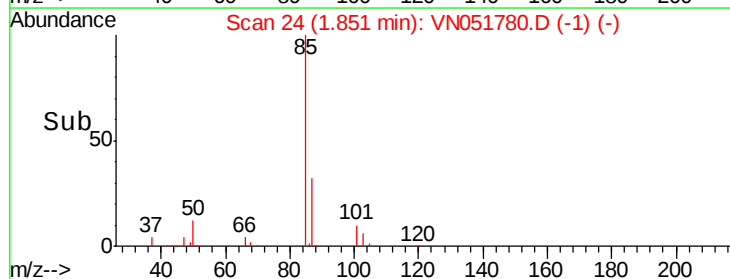
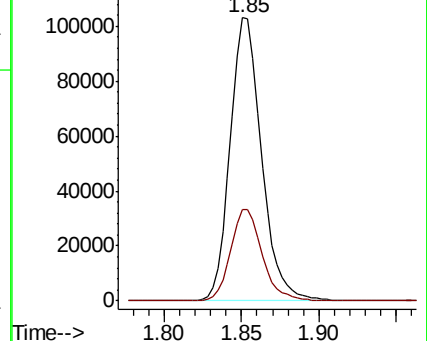
85 100

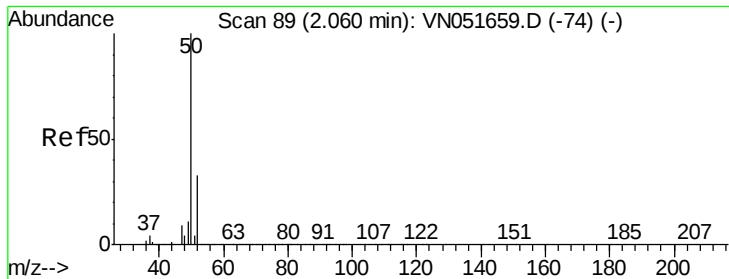
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 3499.735 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

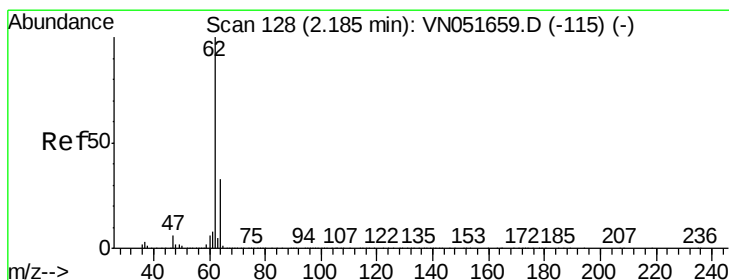
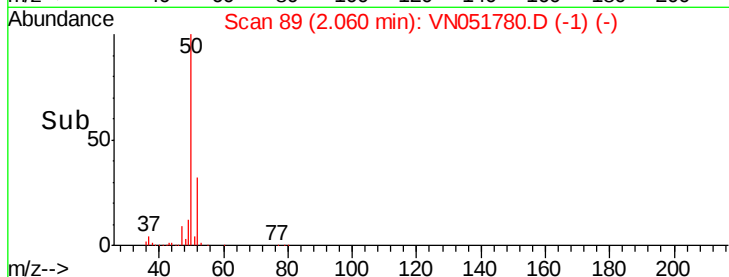
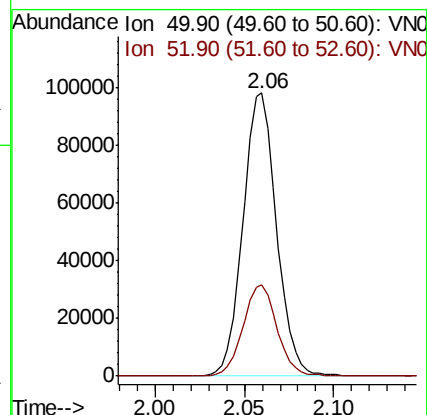
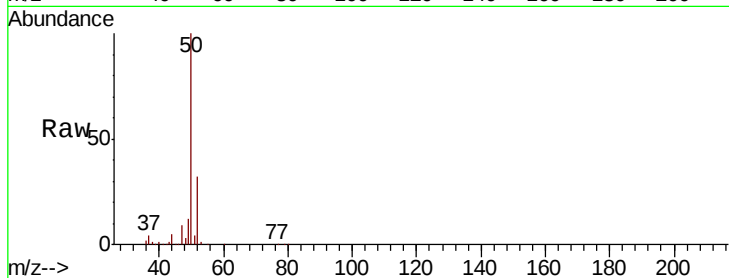
VN1010MBS01

Tot Ion: 50 Resp: 128725

Ion Ratio Lower Upper

50 100

52 32.2 26.6 39.8



#4

Vinyl Chloride

Concen: 3407.773 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051780.D

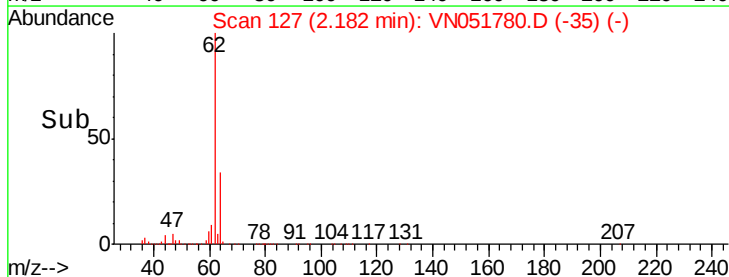
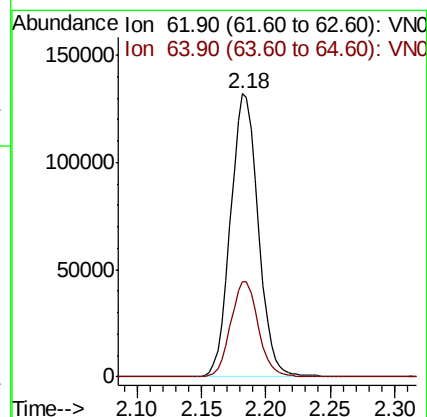
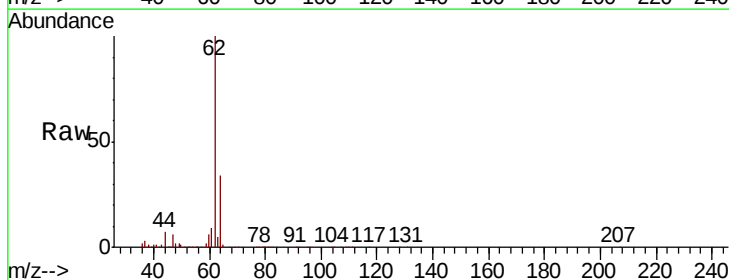
Acq: 10 Oct 2018 10:46

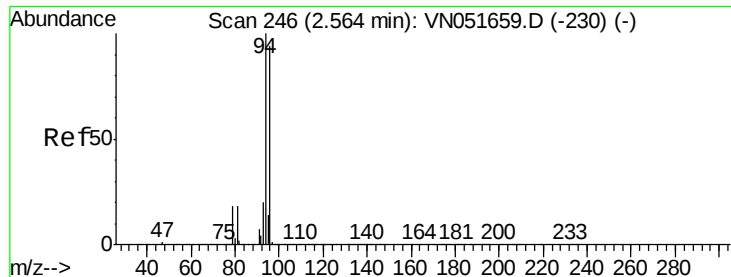
Tgt Ion: 62 Resp: 197446

Ion Ratio Lower Upper

62 100

64 33.8 26.2 39.4





#5

Bromomethane

Concen: 3876.296 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

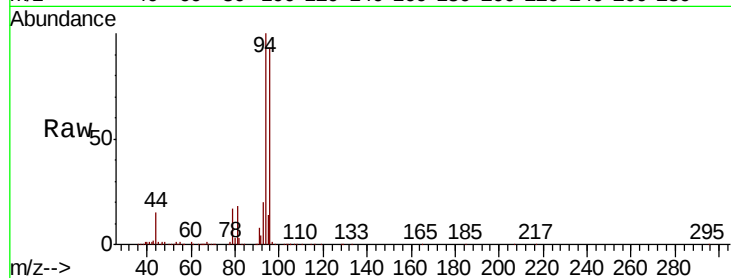
VN1010MBS01

Tot Ion: 94 Resp: 172717

Ion Ratio Lower Upper

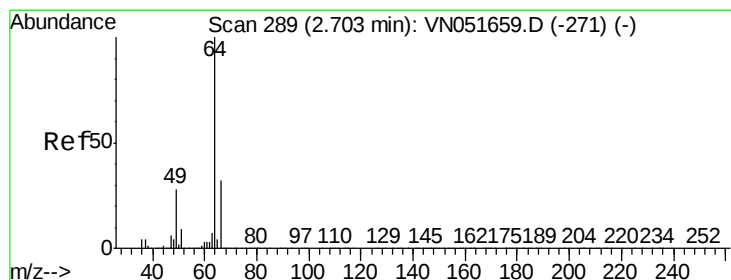
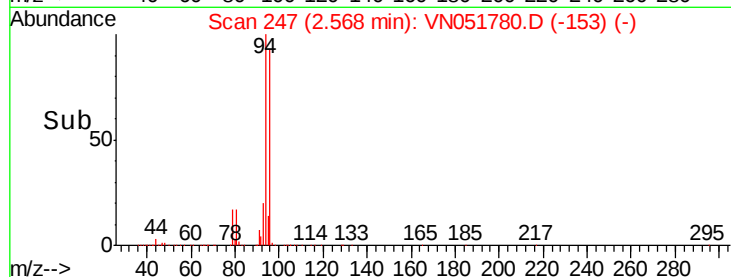
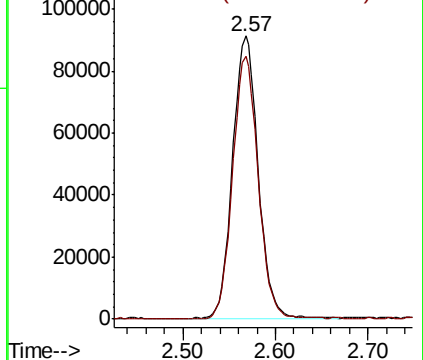
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 3626.412 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051780.D

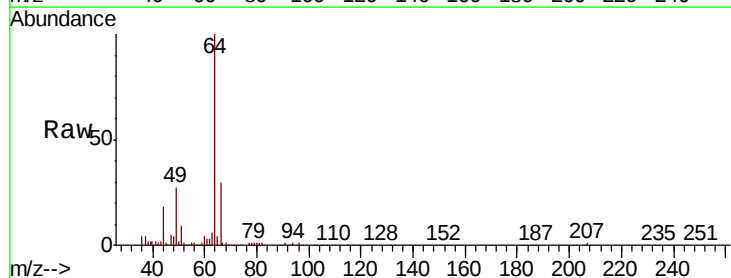
Acq: 10 Oct 2018 10:46

Tgt Ion: 64 Resp: 141216

Ion Ratio Lower Upper

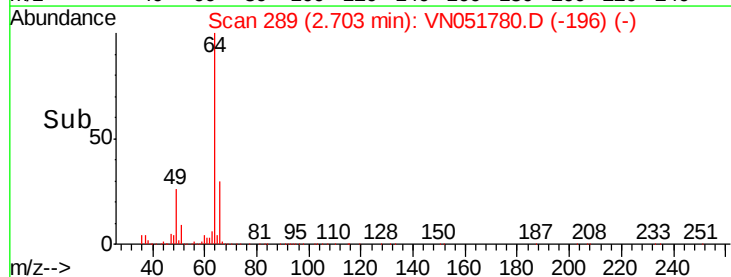
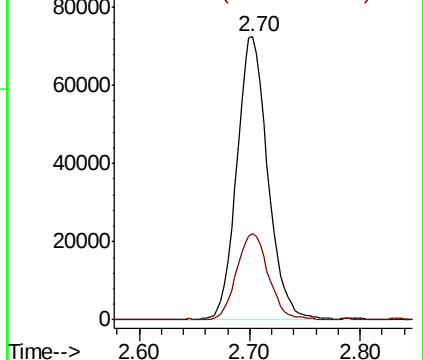
64 100

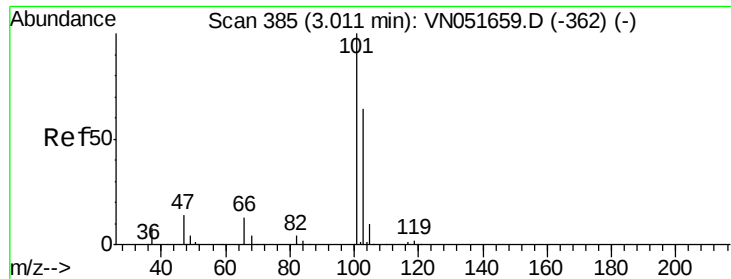
66 30.0 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



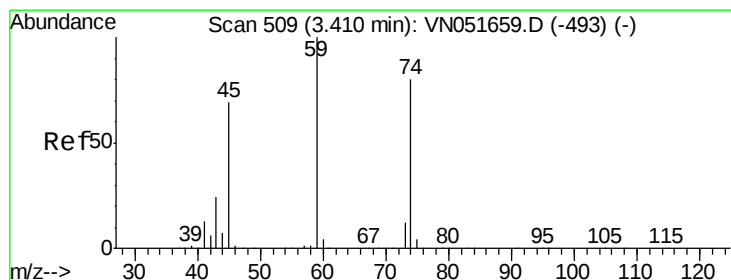
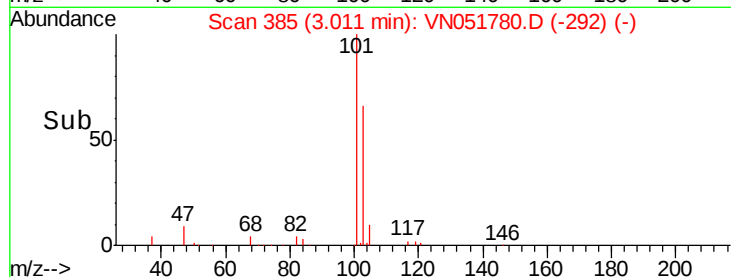
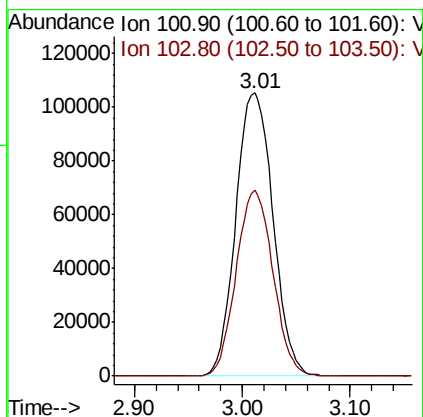
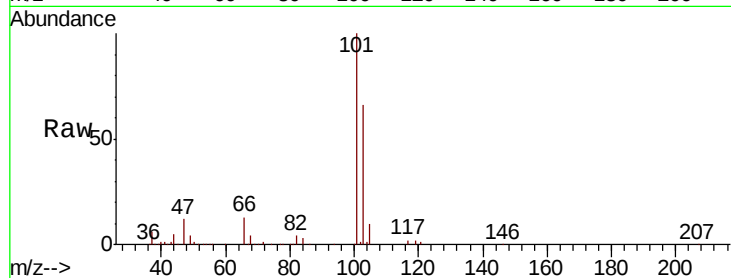


#7

Trichlorofluoromethane
 Concen: 4320.501 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

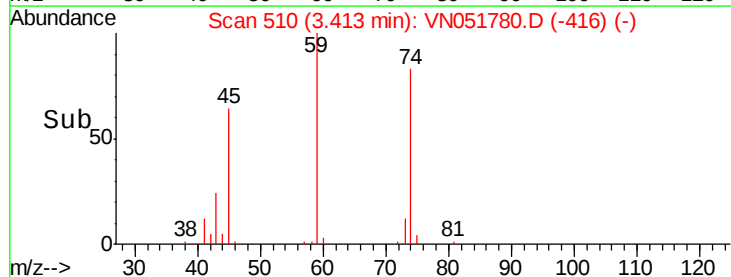
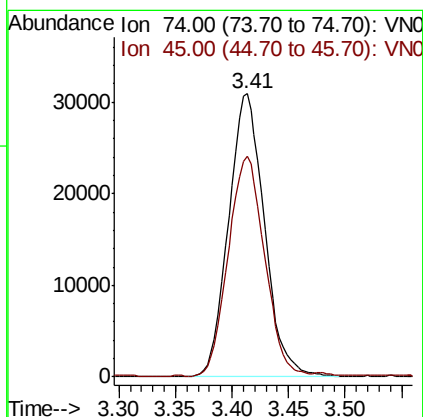
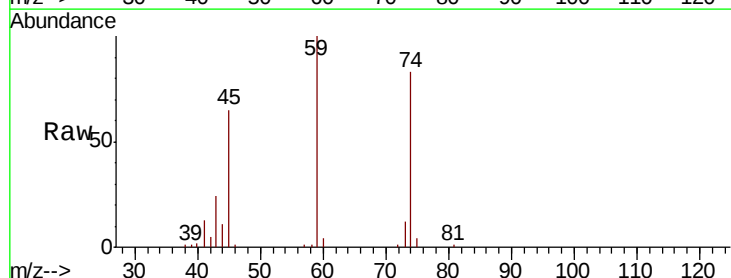
Tot Ion:101 Resp: 253650
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.1 76.7

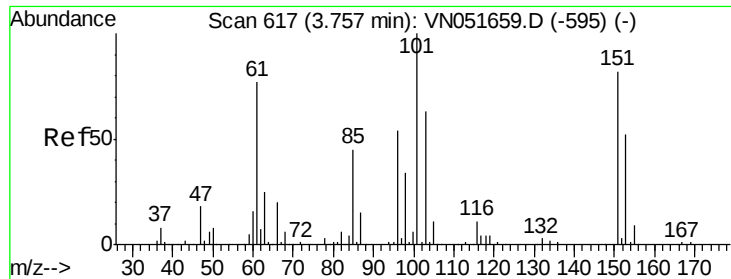


#8

Diethyl Ether
 Concen: 4038.437 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 74 Resp: 68185
 Ion Ratio Lower Upper
 74 100
 45 79.6 44.3 132.9

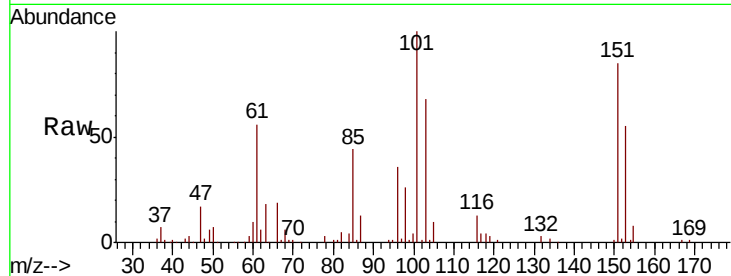




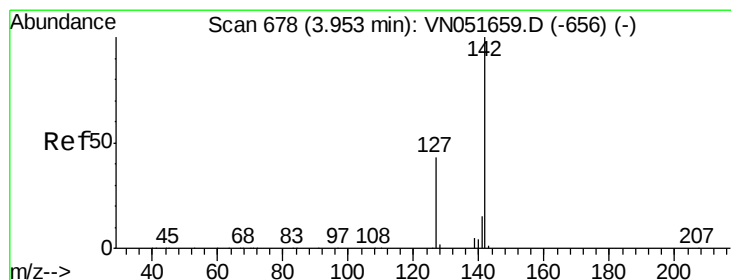
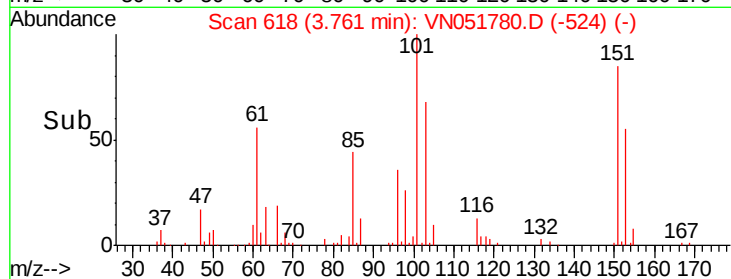
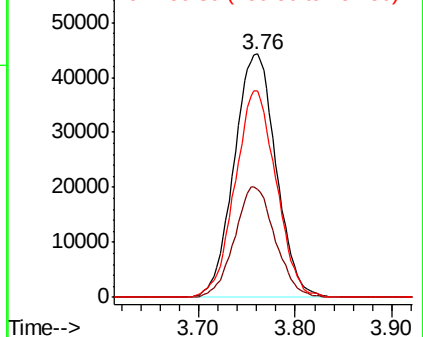
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4134.966 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Tot Ion:101 Resp: 133160
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.6 53.4
 151 83.4 65.5 98.3

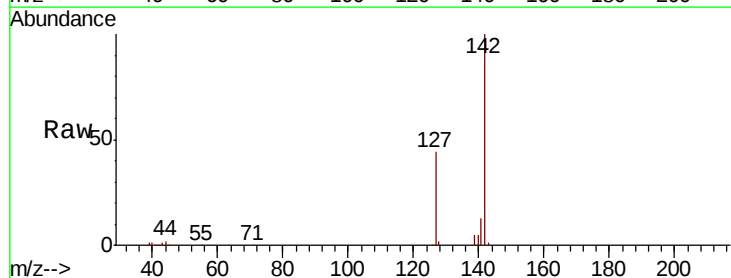


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

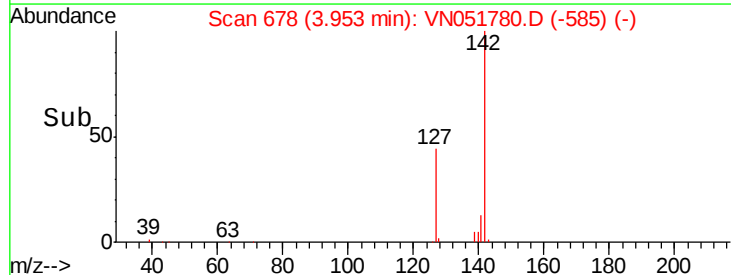
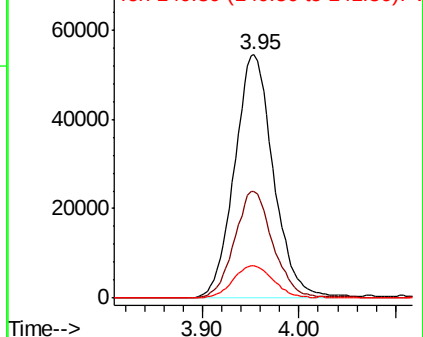


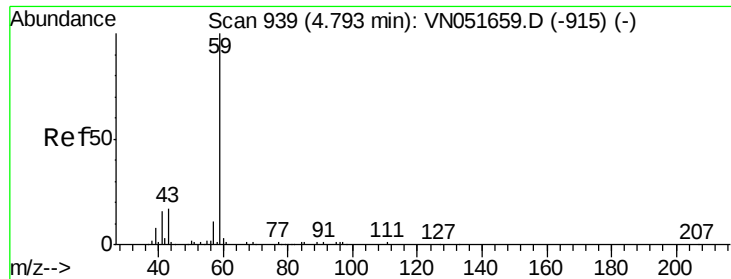
#10
 Methyl Iodide
 Concen: 3413.138 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion:142 Resp: 152351
 Ion Ratio Lower Upper
 142 100
 127 43.2 34.7 52.1
 141 13.8 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

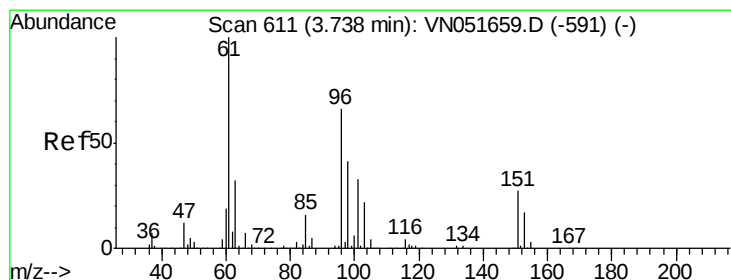
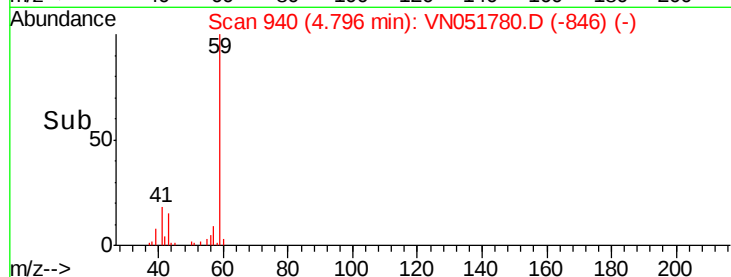
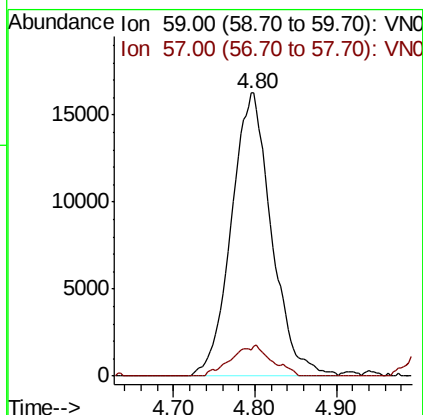
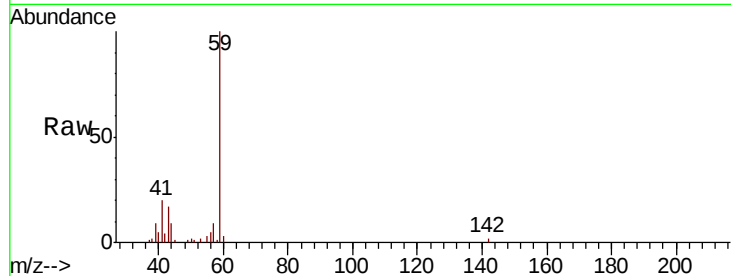




#11
Tert butyl alcohol
Concen: 19257.555 ug/l
RT: 4.80 min Scan# 940
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

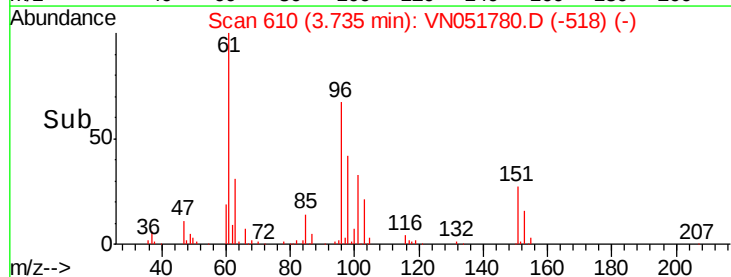
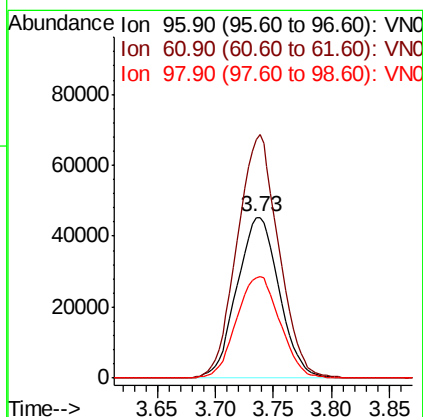
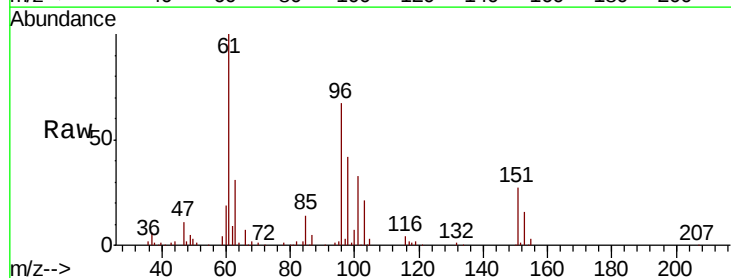
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion: 59 Resp: 55724
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 3840.118 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 96 Resp: 115260
Ion Ratio Lower Upper
96 100
61 148.6 121.4 182.0
98 62.4 49.9 74.9





#13

Acrolein

Concen: 12220.107 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

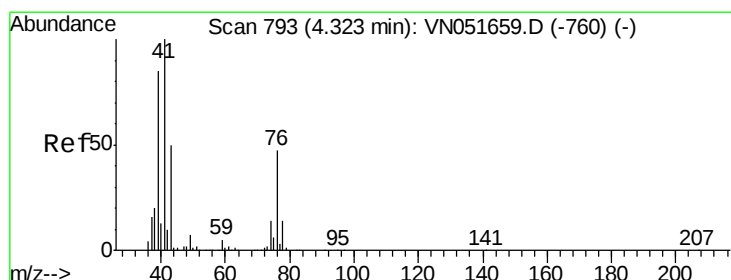
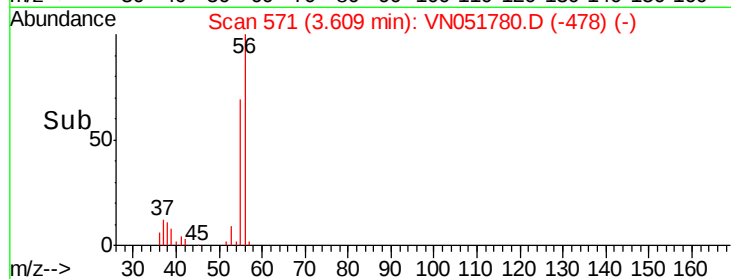
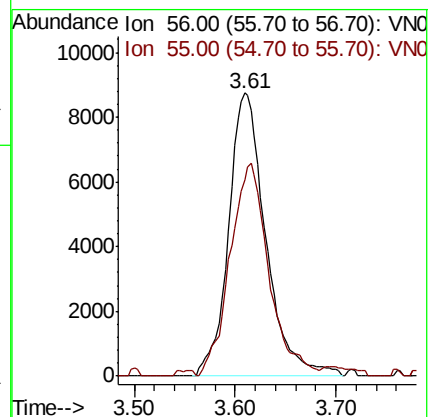
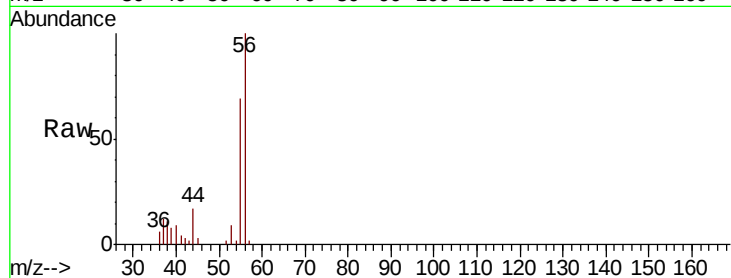
VN1010MBS01

Tot Ion: 56 Resp: 22449

Ion Ratio Lower Upper

56 100

55 78.4 57.5 86.3



#14

Allyl chloride

Concen: 3449.802 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

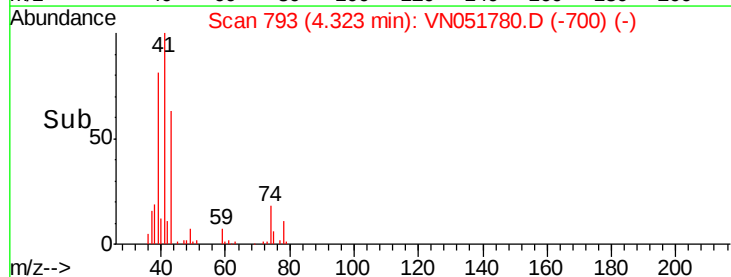
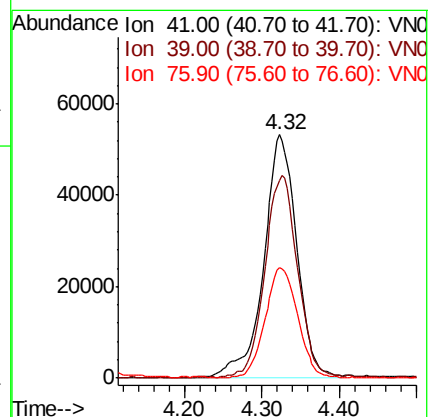
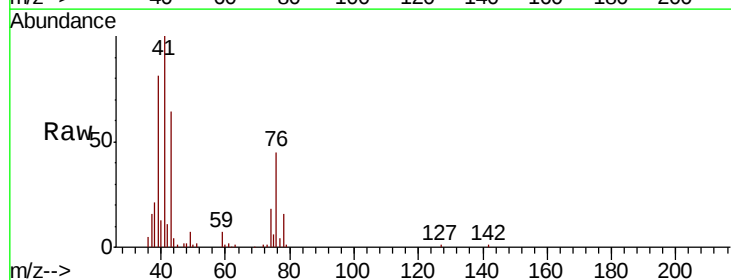
Tgt Ion: 41 Resp: 157927

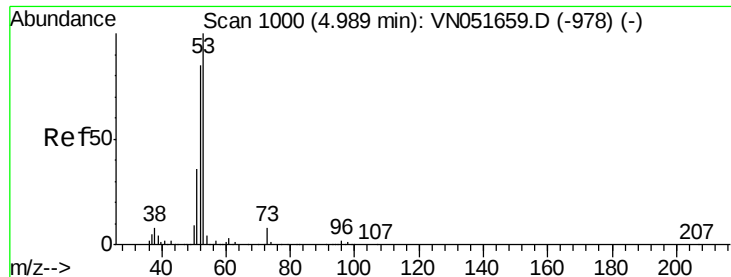
Ion Ratio Lower Upper

41 100

39 81.7 65.4 98.0

76 44.9 34.3 51.5





#15

Acrylonitrile

Concen: 19349.134 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

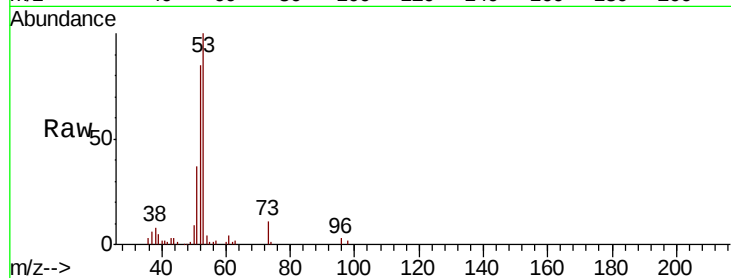
Tot Ion: 53 Resp: 193206

Ion Ratio Lower Upper

53 100

52 79.9 66.2 99.2

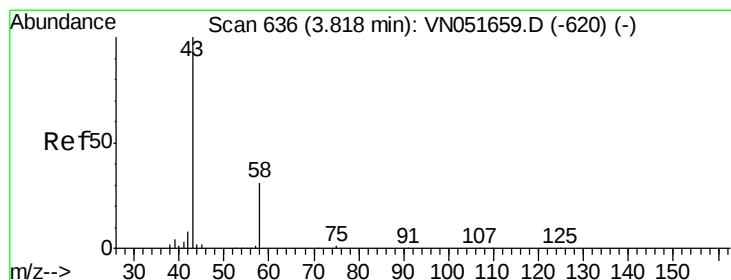
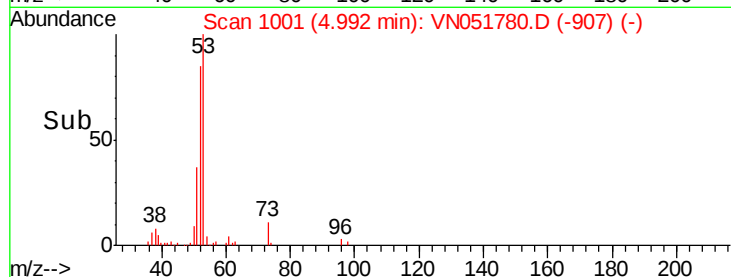
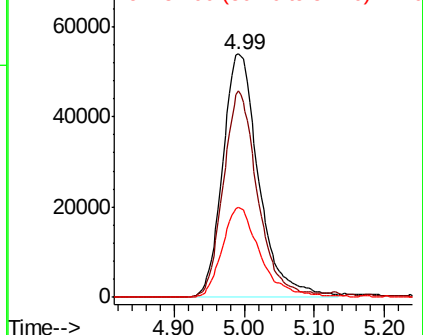
51 38.6 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VN051659.D (-978) (-)

Ion 52.00 (51.70 to 52.70): VN051659.D (-978) (-)

Ion 51.00 (50.70 to 51.70): VN051659.D (-978) (-)



#16

Acetone

Concen: 23083.176 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051780.D

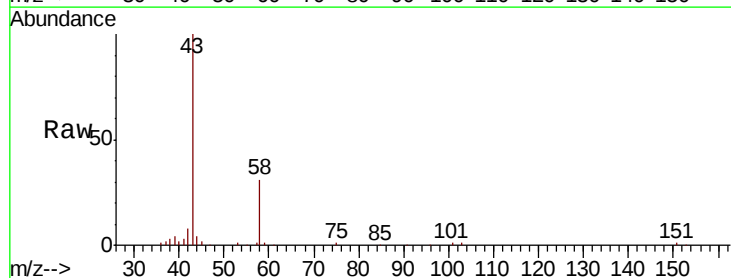
Acq: 10 Oct 2018 10:46

Tgt Ion: 43 Resp: 152087

Ion Ratio Lower Upper

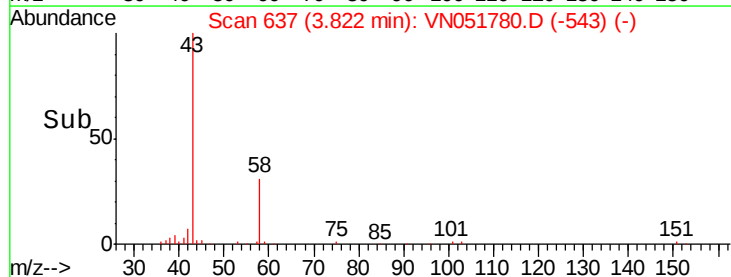
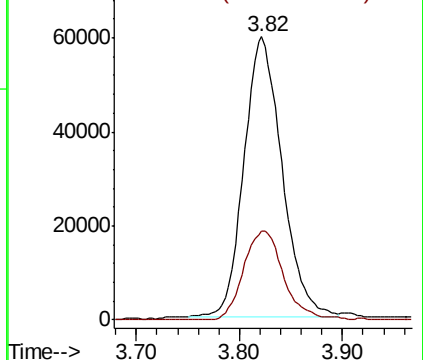
43 100

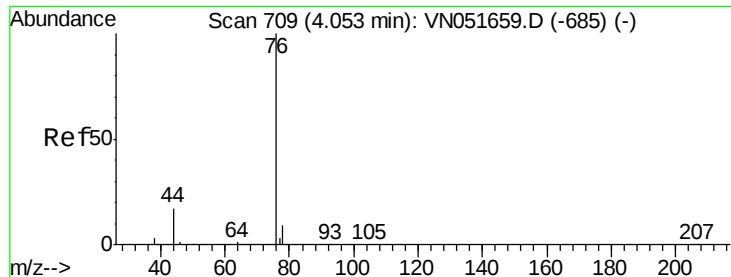
58 31.2 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-620) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-620) (-)

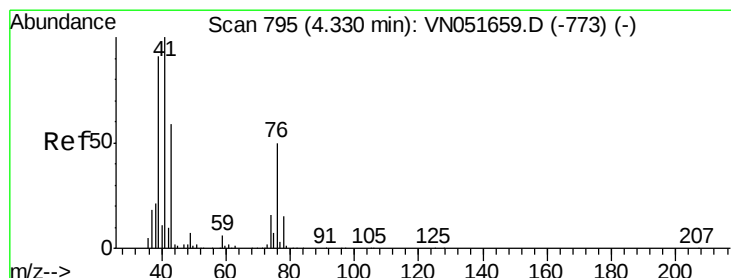
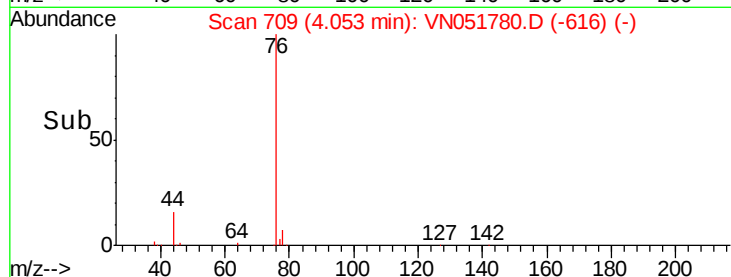
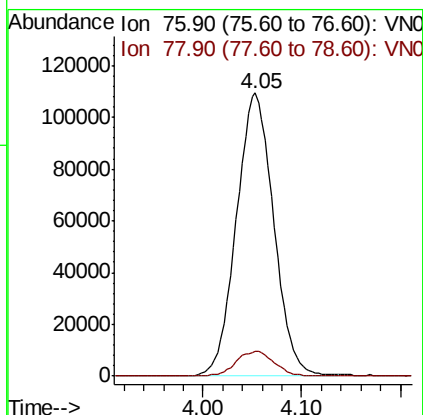
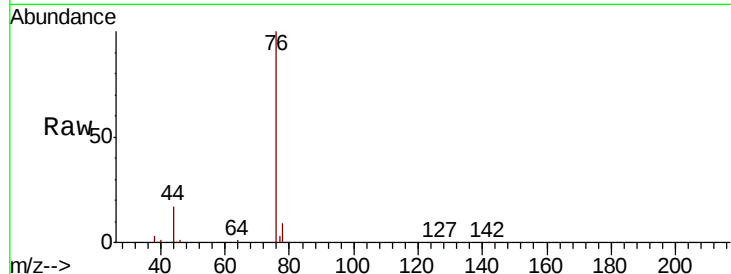




#17
Carbon Disulfide
Concen: 3143.833 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

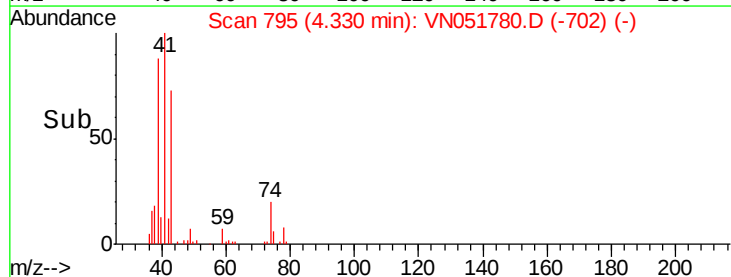
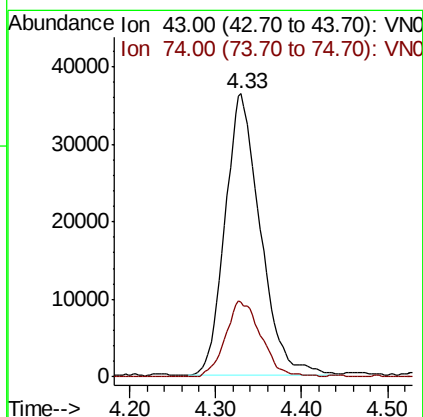
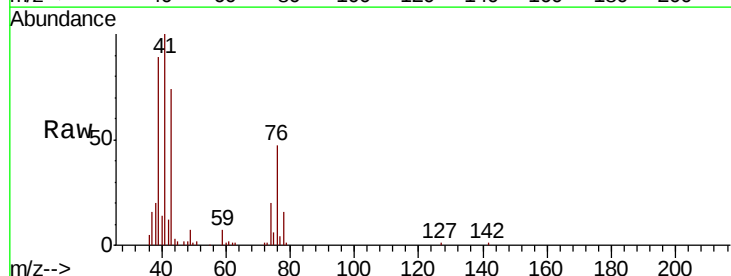
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

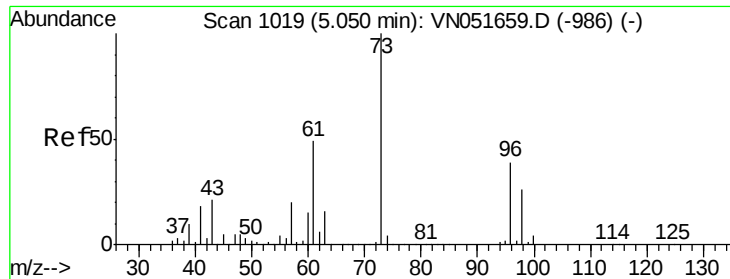
Tot Ion: 76 Resp: 286825
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 4417.429 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 43 Resp: 103813
Ion Ratio Lower Upper
43 100
74 26.8 21.5 32.3

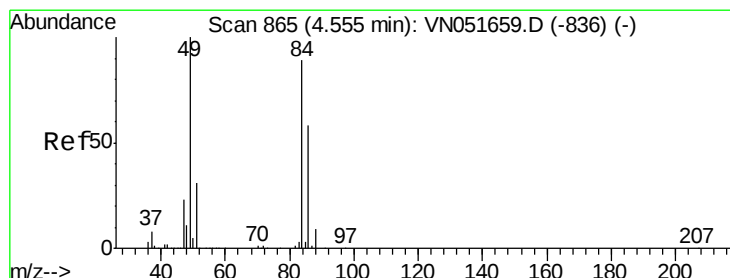
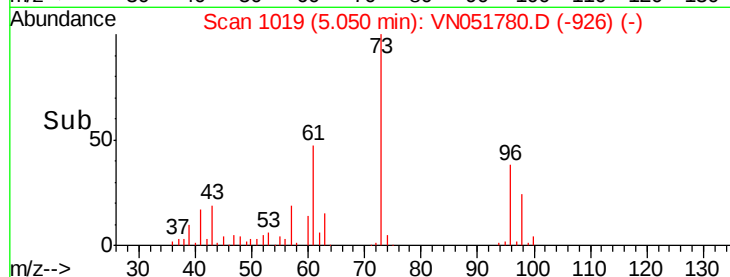
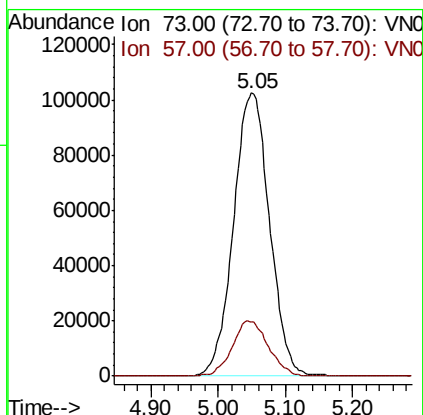
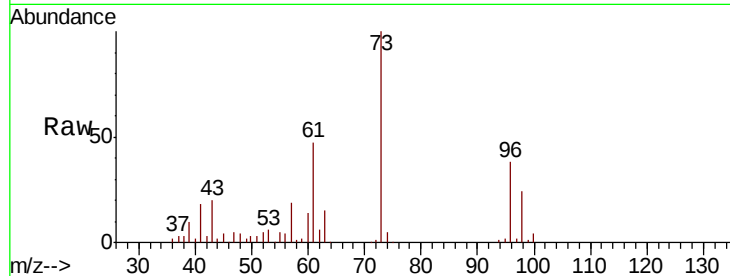




#19
Methvl tert-butvl Ether
Concen: 3844.704 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

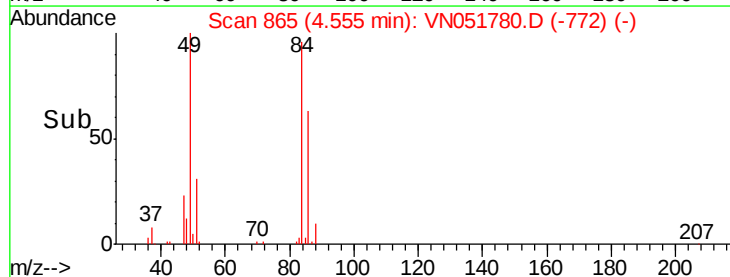
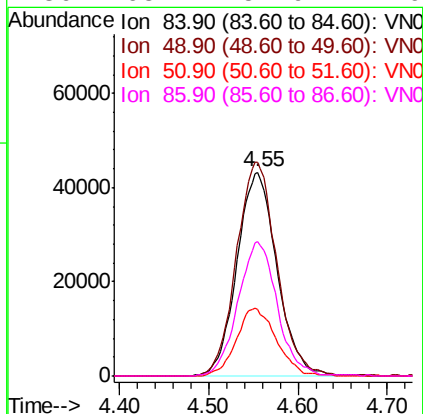
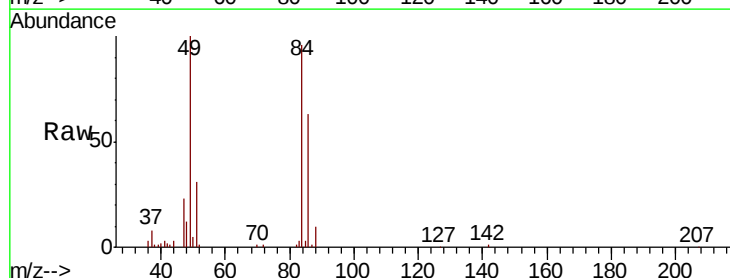
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

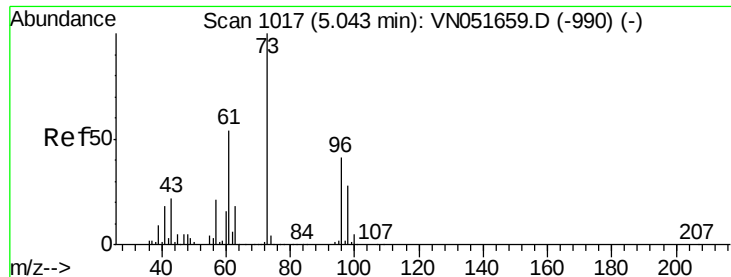
Tot Ion: 73 Resp: 380904
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4



#20
Methylene Chloride
Concen: 3840.766 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 84 Resp: 134543
Ion Ratio Lower Upper
84 100
49 104.6 89.5 134.3
51 32.5 27.4 41.0
86 65.7 51.9 77.9



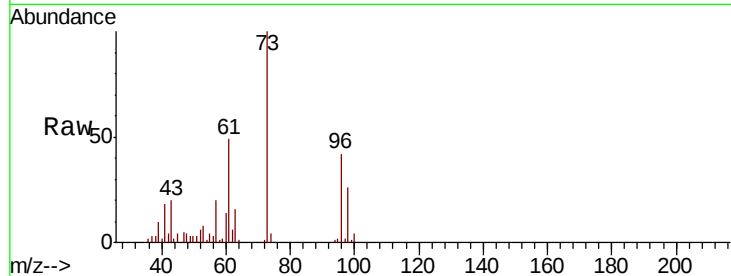


#21

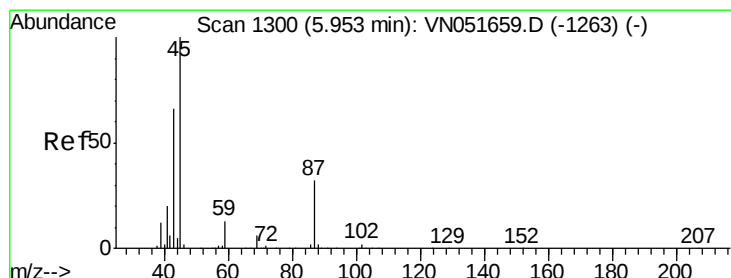
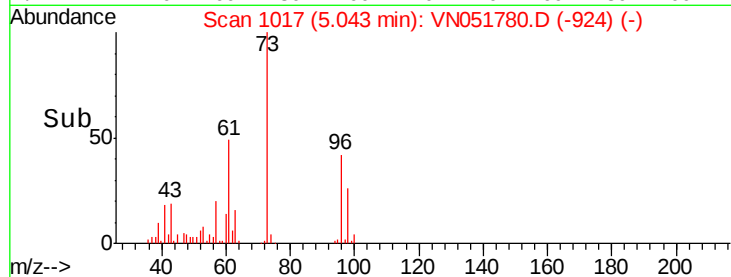
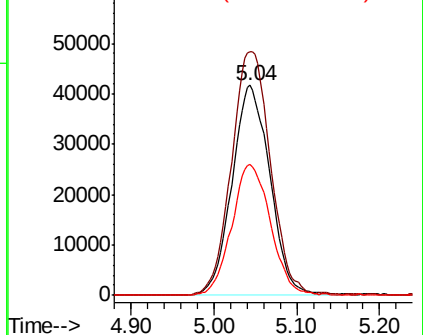
trans-1,2-Dichloroethene
Concen: 3734.895 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion: 96 Resp: 132841
Ion Ratio Lower Upper
96 100
61 115.8 104.7 157.1
98 62.4 54.6 82.0



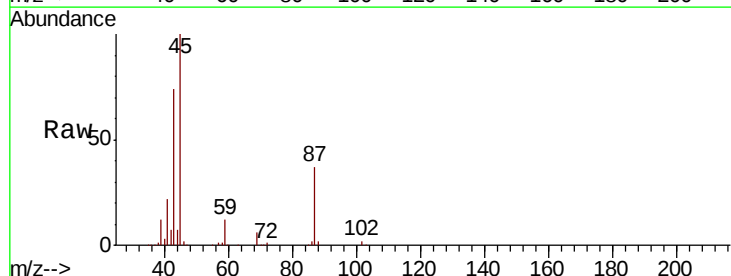
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



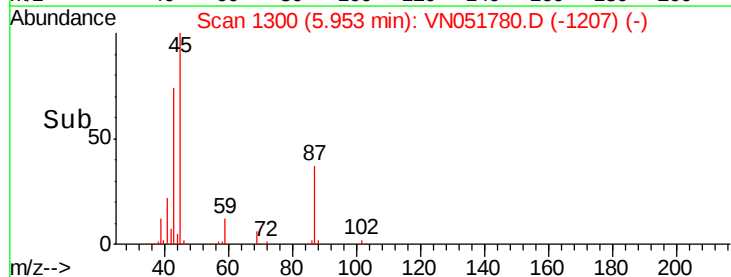
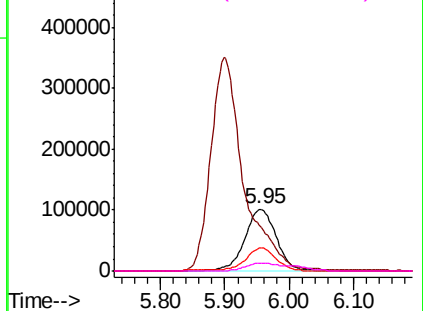
#22

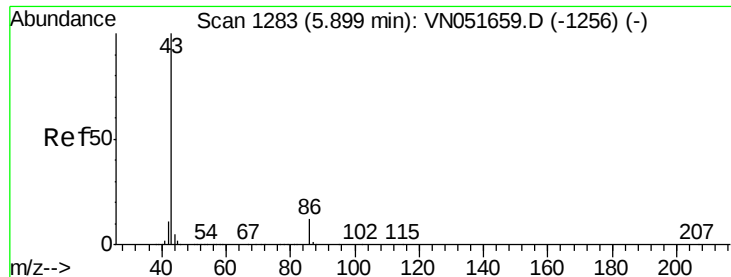
Diisopropyl ether
Concen: 3515.752 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 45 Resp: 345004
Ion Ratio Lower Upper
45 100
43 72.2 53.0 79.4
87 36.7 26.4 39.6
59 12.0 10.0 15.0



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 17193.345 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

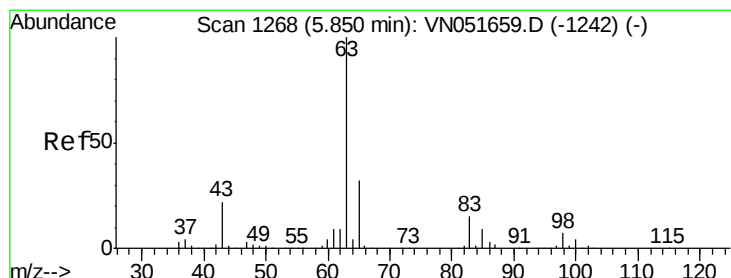
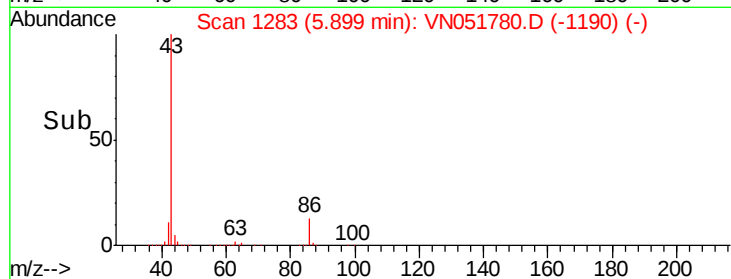
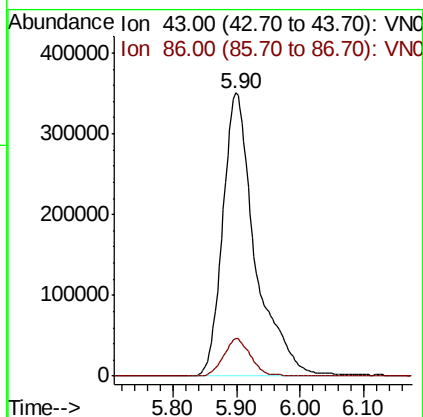
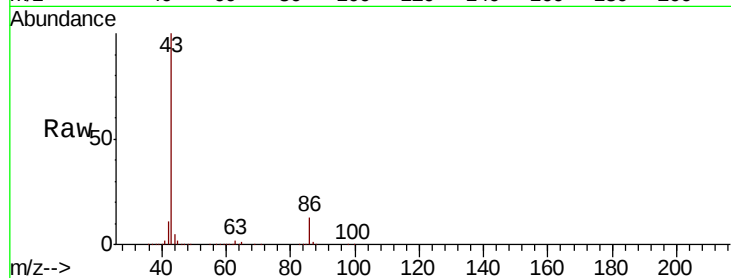
VN1010MBS01

Tot Ion: 43 Resp: 1240569

Ion Ratio Lower Upper

43 100

86 13.3 9.3 13.9



#24

1,1-Dichloroethane

Concen: 3657.510 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

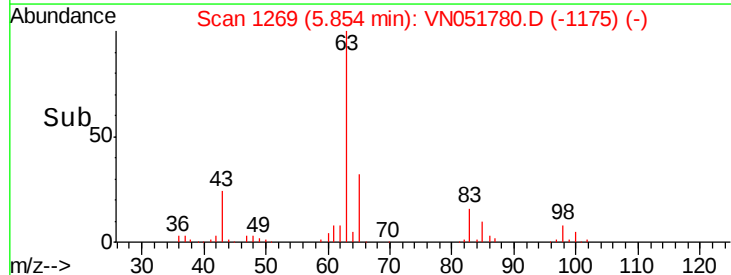
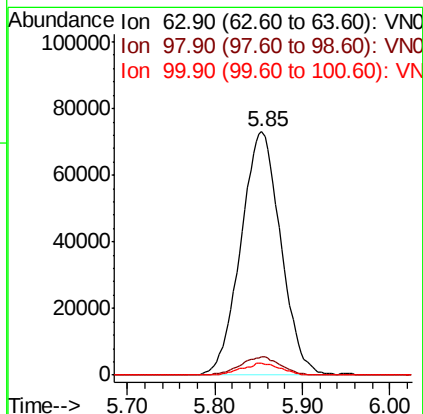
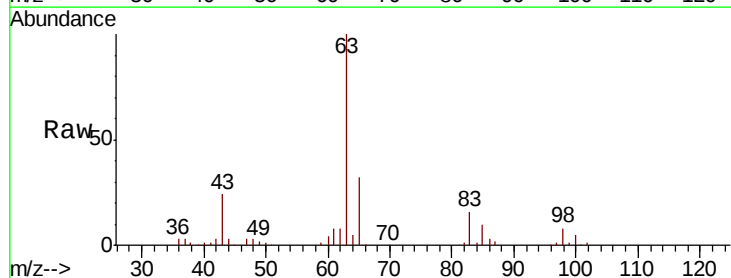
Tgt Ion: 63 Resp: 230831

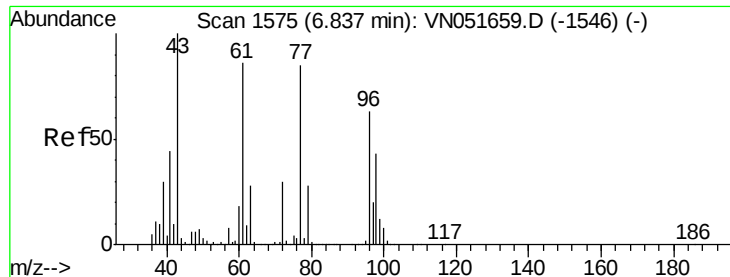
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 4.7 2.2 6.6

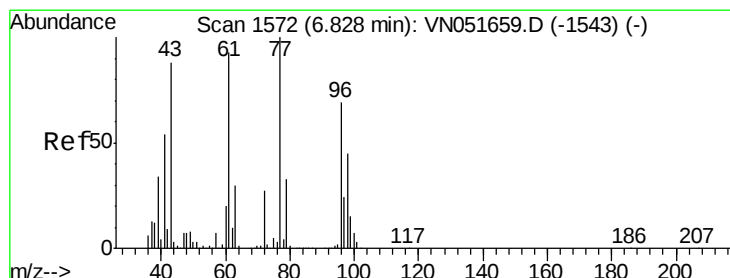
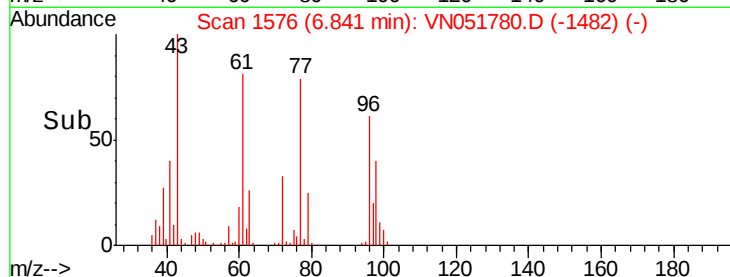
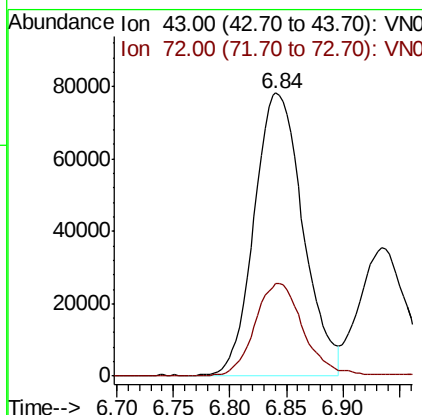
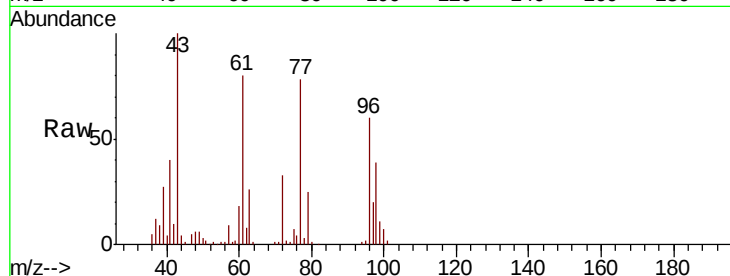




#25
 2-Butanone
 Concen: 18951.252 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

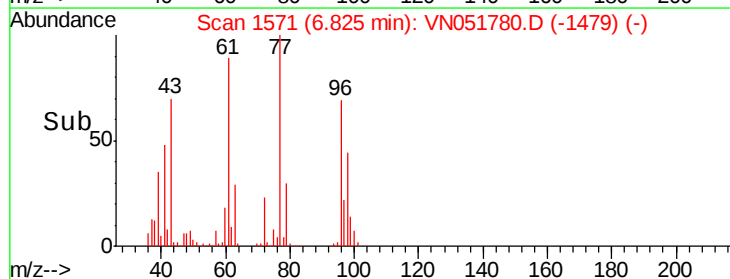
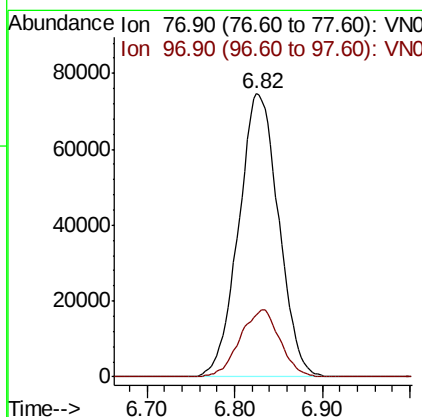
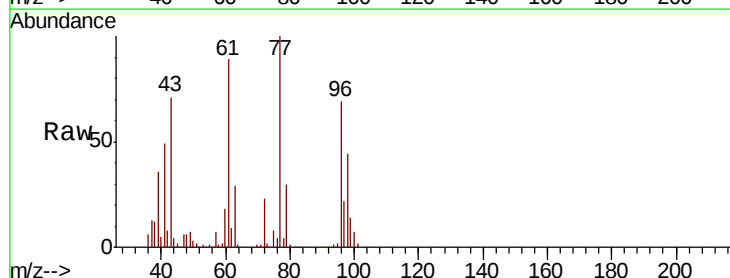
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

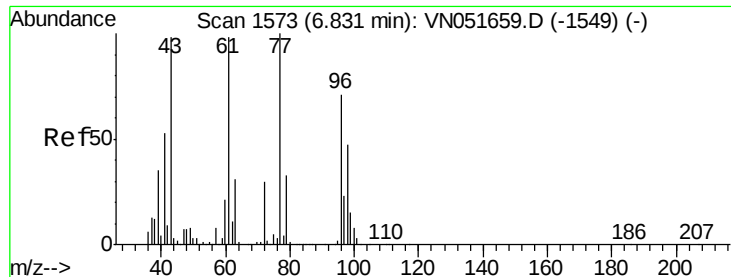
Tot Ion: 43 Resp: 233001
 Ion Ratio Lower Upper
 43 100
 72 32.8 24.2 36.2



#26
 2,2-Dichloropropane
 Concen: 3742.510 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 77 Resp: 236695
 Ion Ratio Lower Upper
 77 100
 97 23.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 3862.646 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

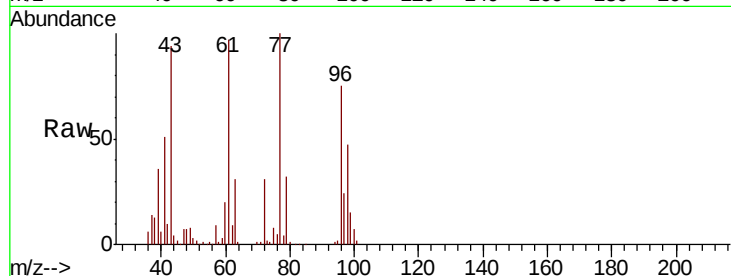
Tot Ion: 96 Resp: 159487

Ion Ratio Lower Upper

96 100

61 129.7 0.0 275.4

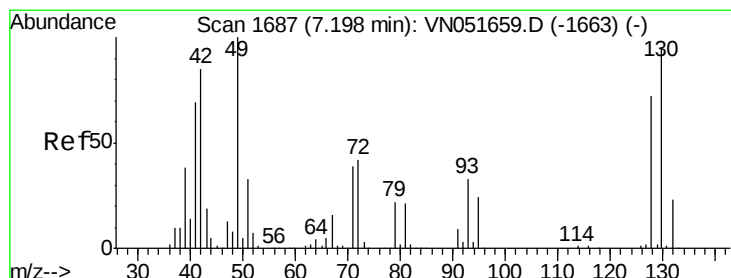
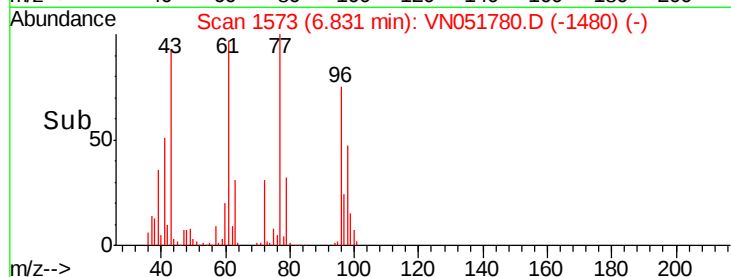
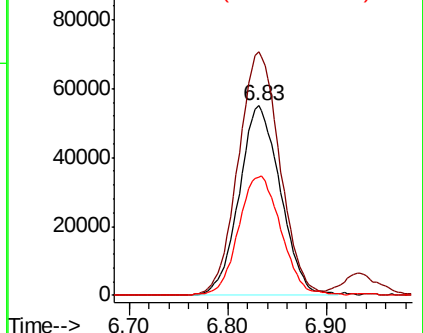
98 64.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN051780.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN051780.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN051780.D (-1480) (-)



#28

Bromochloromethane

Concen: 3833.732 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

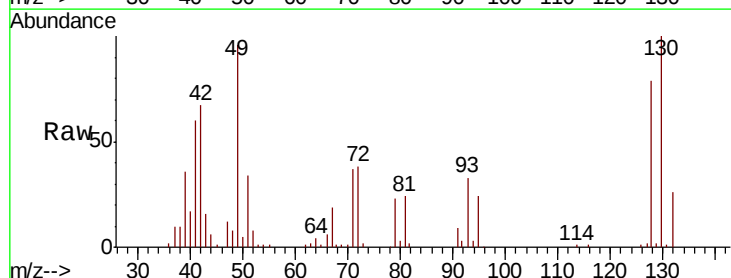
Tgt Ion: 49 Resp: 107116

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

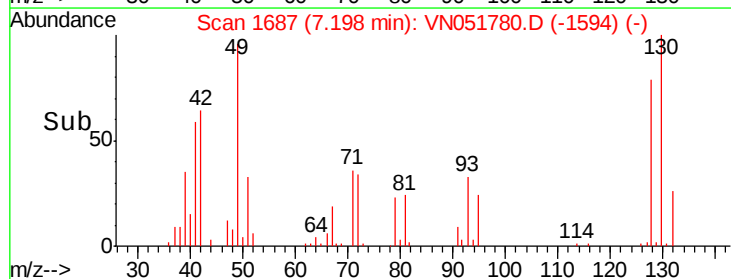
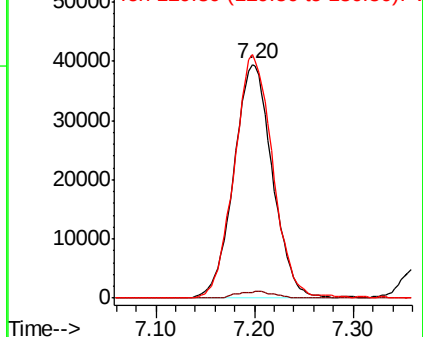
130 103.0 75.7 113.5



Abundance Ion 48.90 (48.60 to 49.60): VN051780.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051780.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051780.D (-1594) (-)

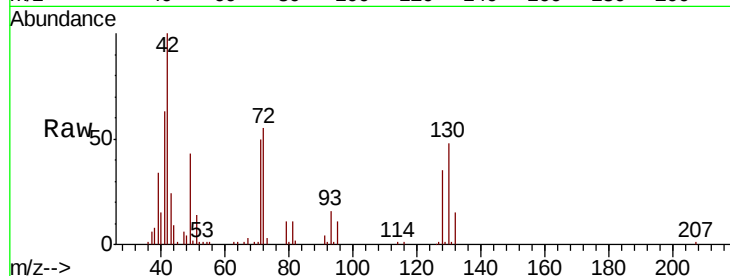




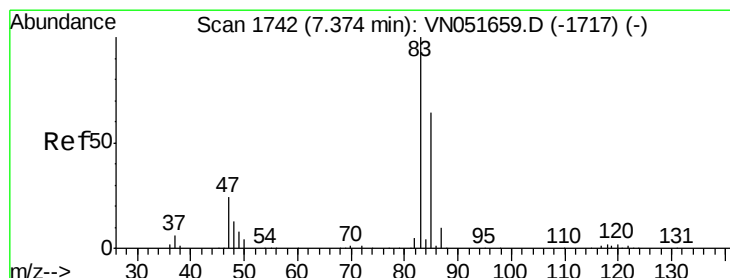
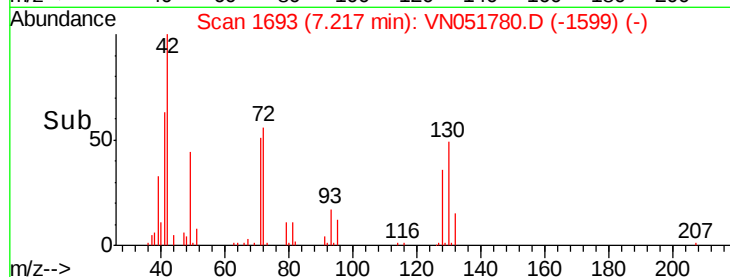
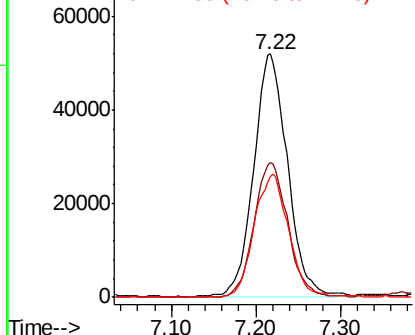
#29
Tetrahydrofuran
Concen: 18981.990 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion: 42 Resp: 143217
Ion Ratio Lower Upper
42 100
72 55.7 40.1 60.1
71 52.4 38.0 57.0

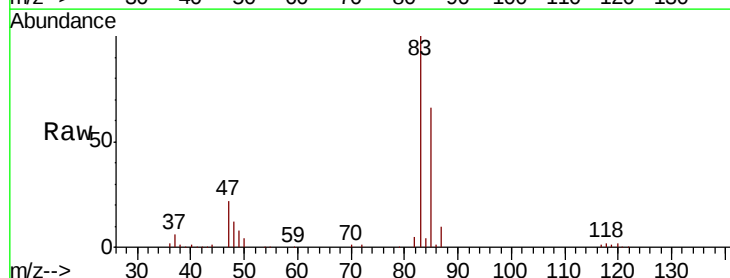


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

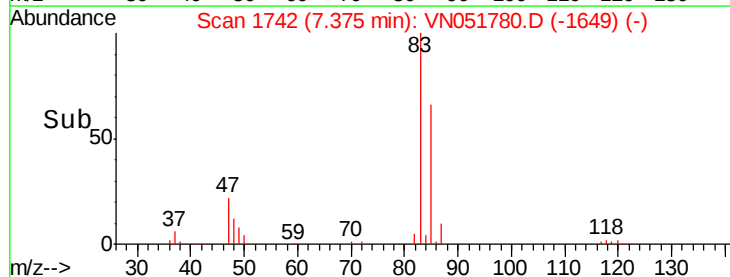
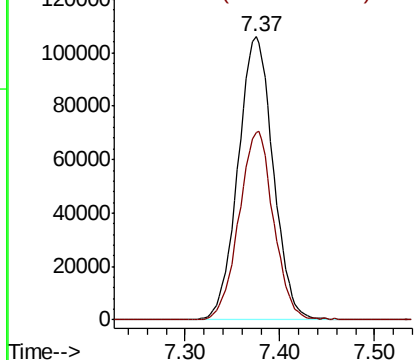


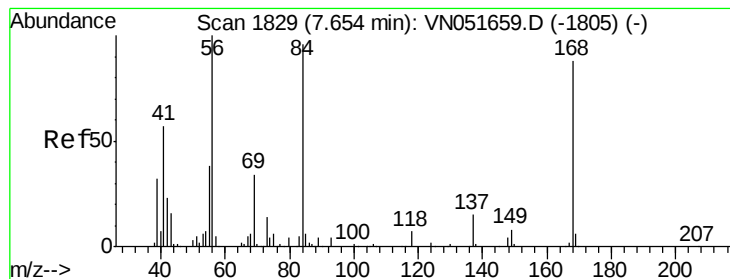
#30
Chloroform
Concen: 3861.386 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 83 Resp: 273808
Ion Ratio Lower Upper
83 100
85 66.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 3402.931 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

VN1010MBS01

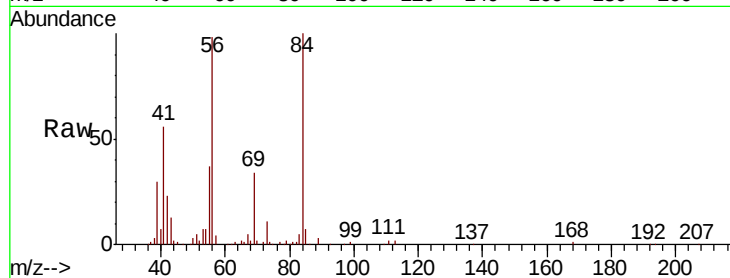
Tot Ion: 56 Resp: 196685

Ion Ratio Lower Upper

56 100

69 34.6 27.5 41.3

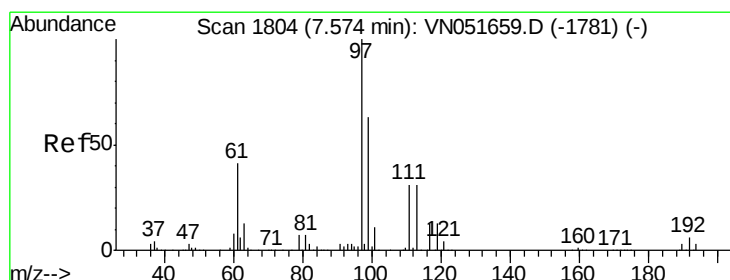
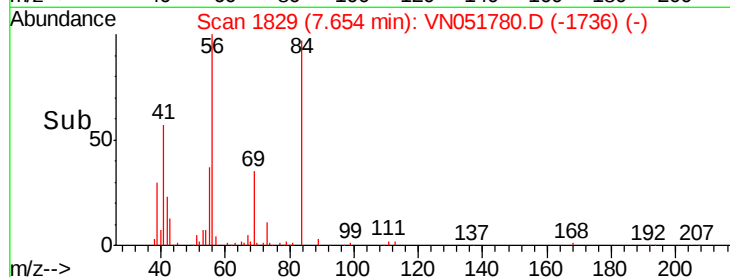
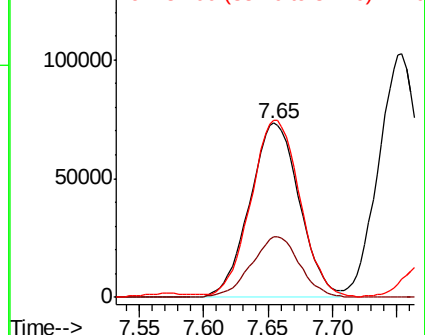
84 99.8 76.7 115.1



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: 3803.202 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

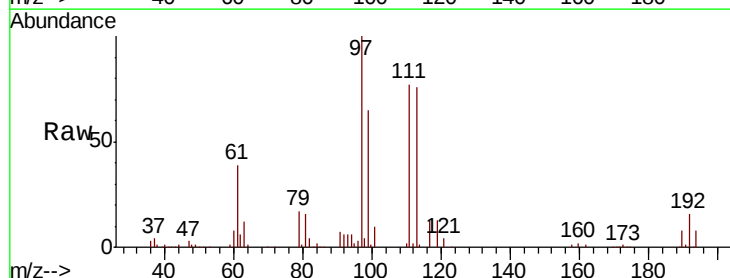
Tgt Ion: 97 Resp: 261399

Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

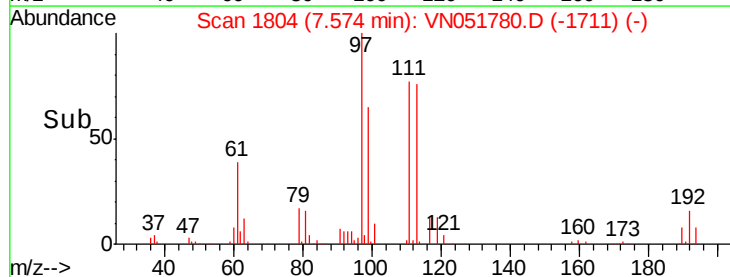
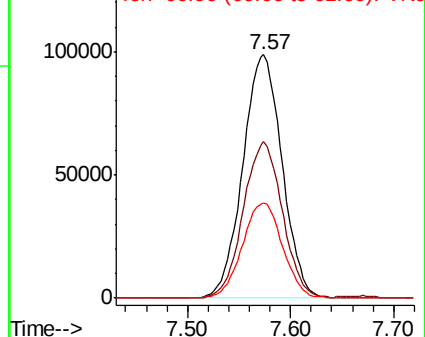
61 40.0 33.4 50.0

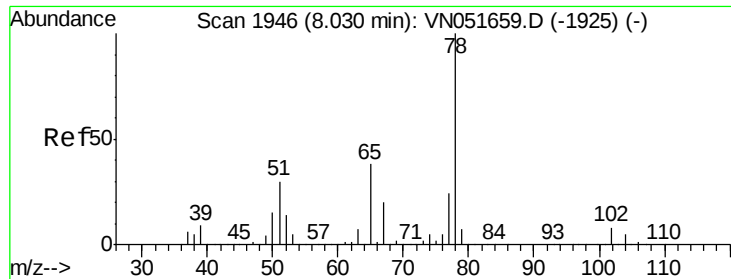


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

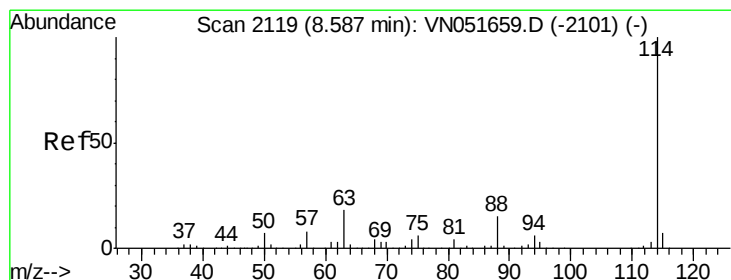
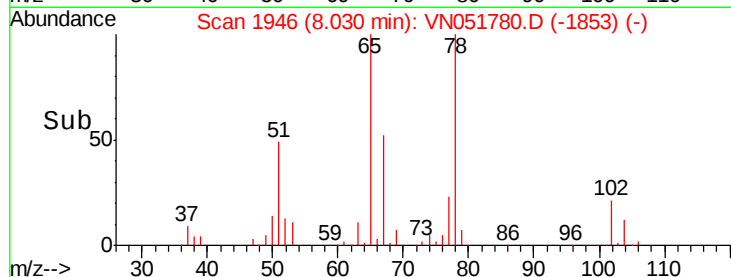
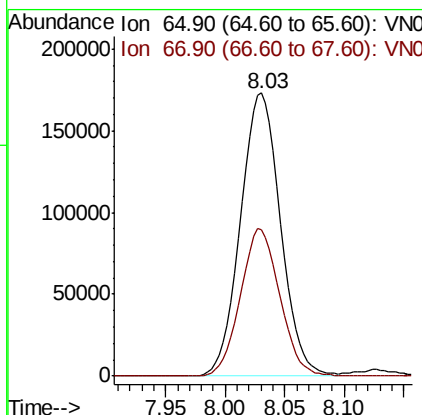
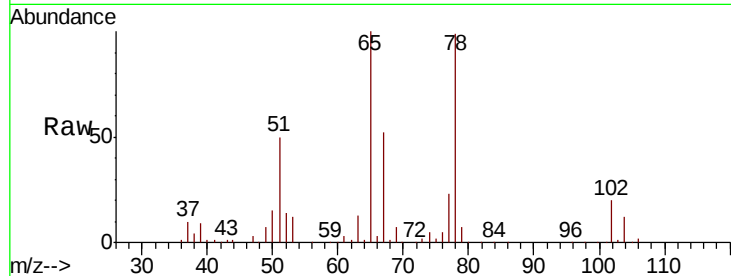




#33
 1,2-Dichloroethane-d4
 Concen: 3803.202 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

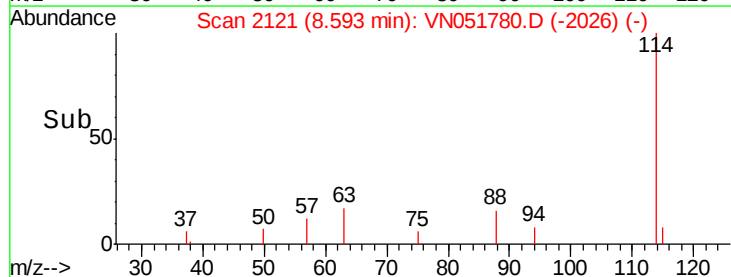
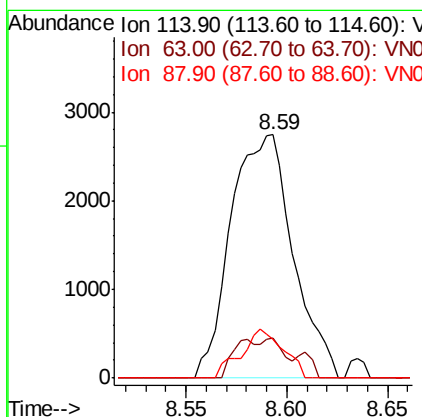
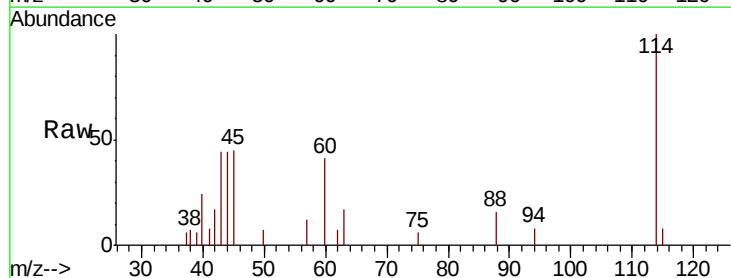
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

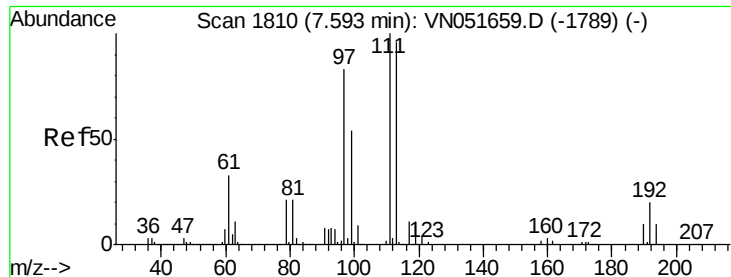
Tot Ion: 65 Resp: 403787
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 114 Resp: 5913
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 36.2
 88 15.9 0.0 30.2

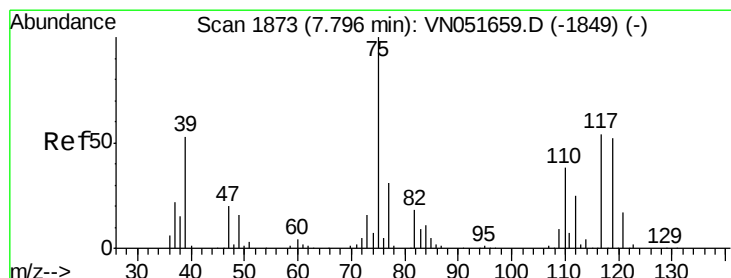
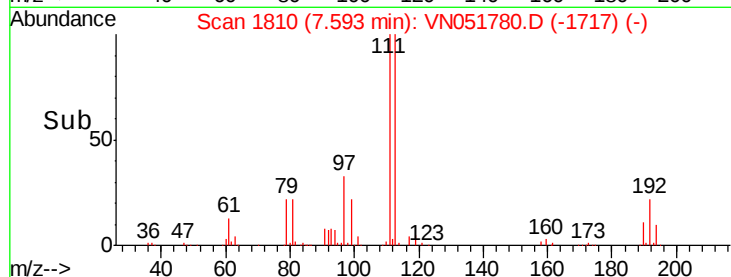
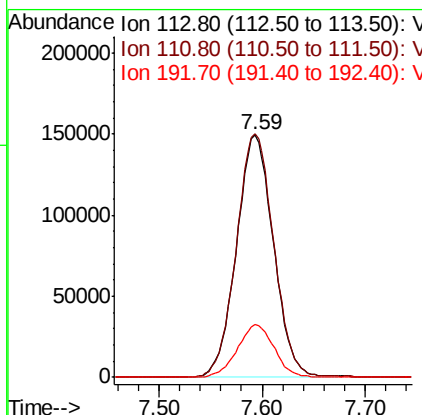
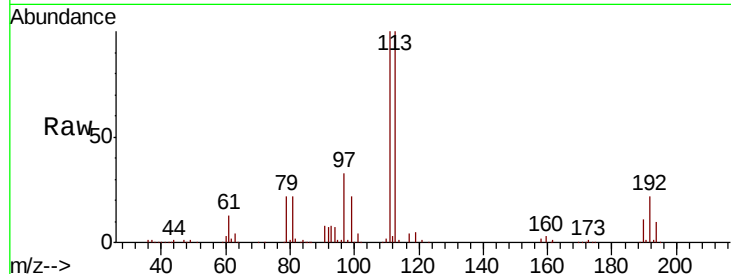




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

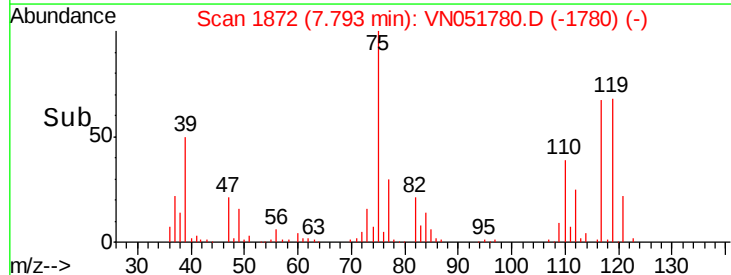
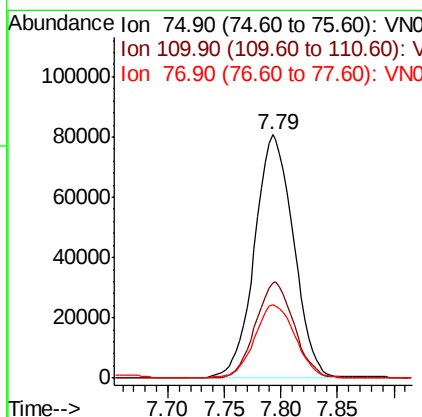
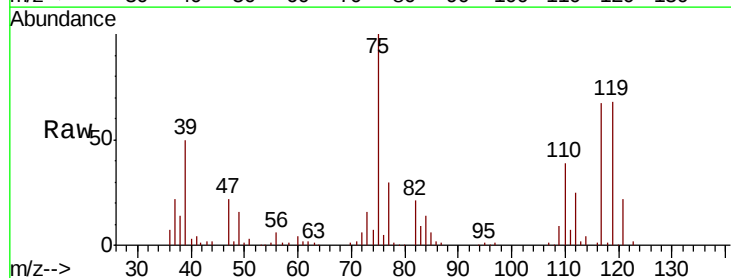
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

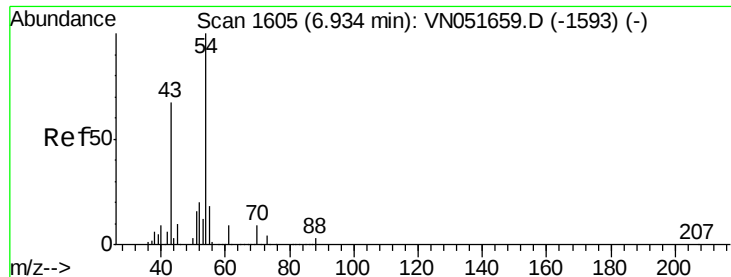
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	21.6	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 3125.333 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.3	57.8
77	31.7	24.7	37.1

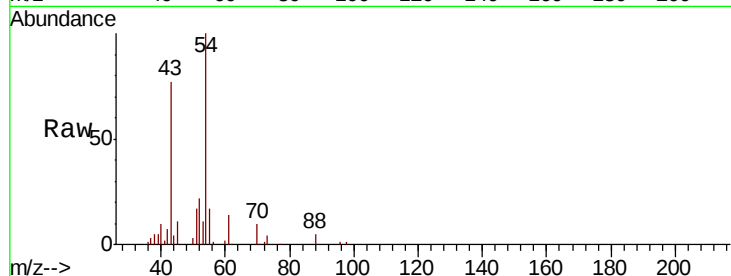




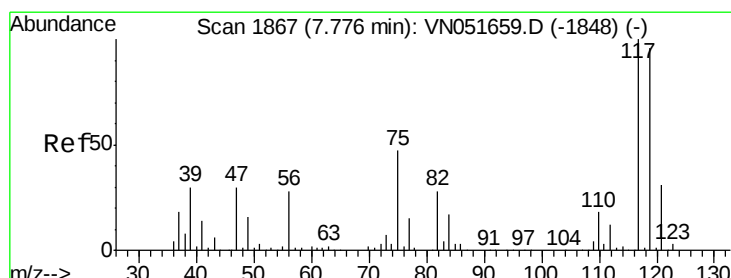
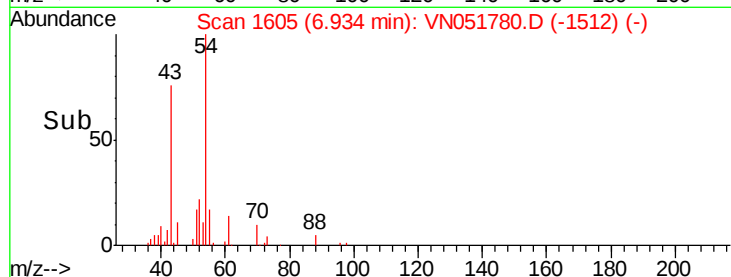
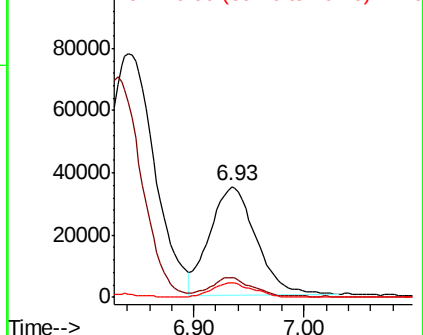
#37
Ethyl Acetate
Concen: 3159.678 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampled :
VN1010MBS01

Tot Ion: 43 Resp: 101851
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.8 8.7 13.1

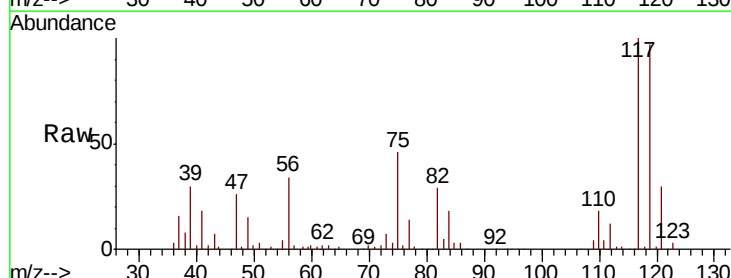


Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1593) (-)
Ion 60.90 (60.60 to 61.60): VN051659.D (-1593) (-)
Ion 70.00 (69.70 to 70.70): VN051659.D (-1593) (-)

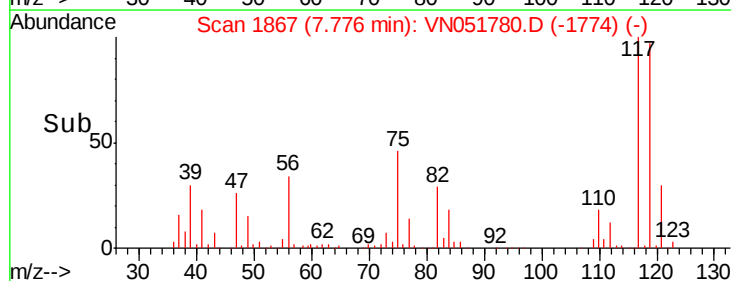
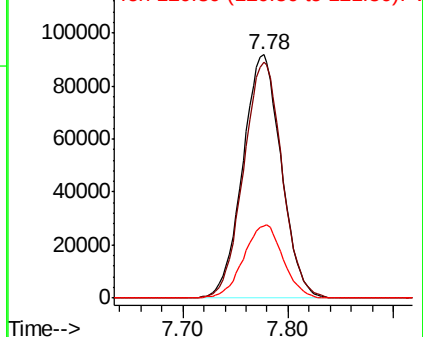


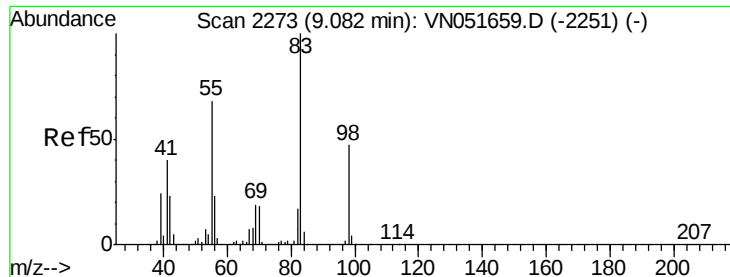
#38
Carbon Tetrachloride
Concen: 3147.301 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 117 Resp: 233413
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6
121 29.7 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-1848) (-)
Ion 118.80 (118.50 to 119.50): VN051659.D (-1848) (-)
Ion 120.80 (120.50 to 121.50): VN051659.D (-1848) (-)

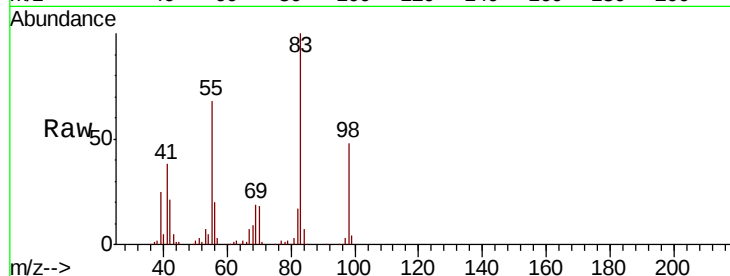




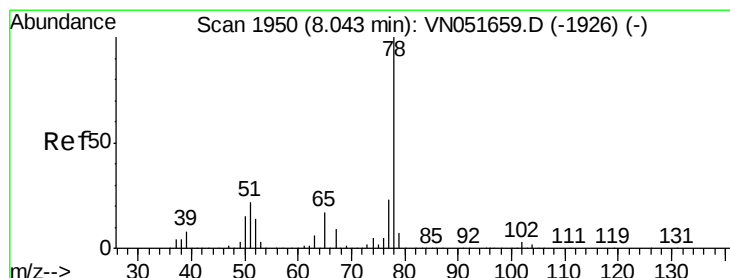
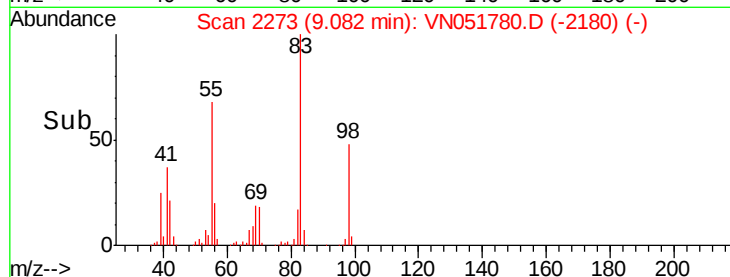
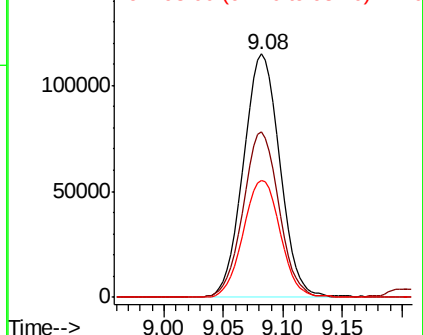
#39
Methvlcvclohexane
Concen: 3152.333 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion: 83 Resp: 244567
Ion Ratio Lower Upper
83 100
55 67.8 54.3 81.5
98 48.2 37.4 56.2

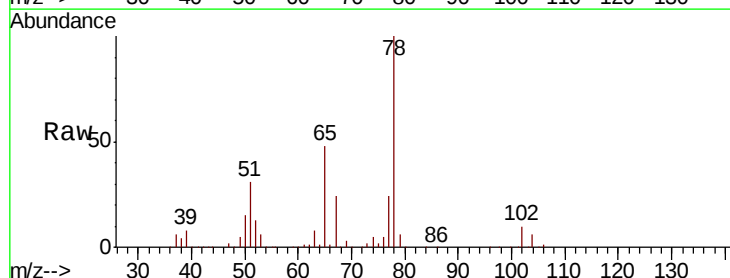


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

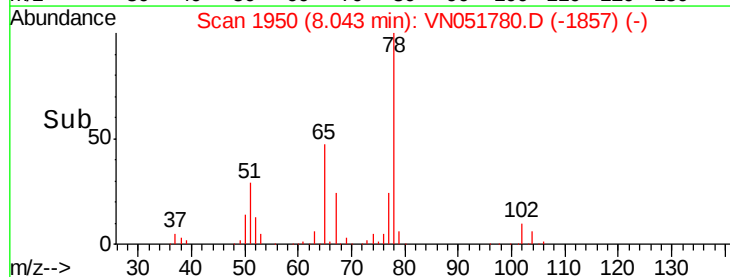
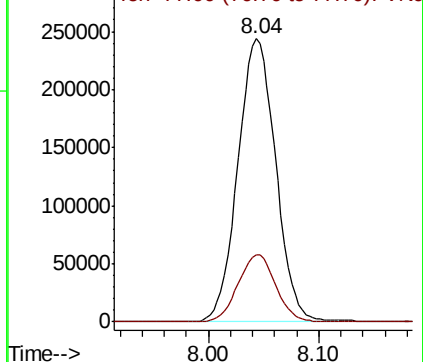


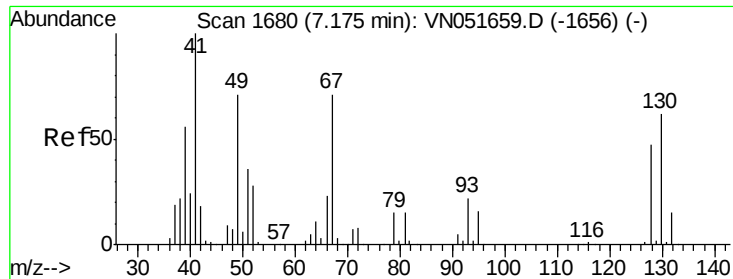
#40
Benzene
Concen: 3164.130 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 78 Resp: 579733
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7



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

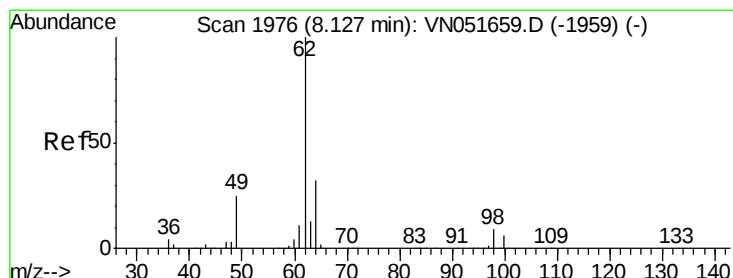
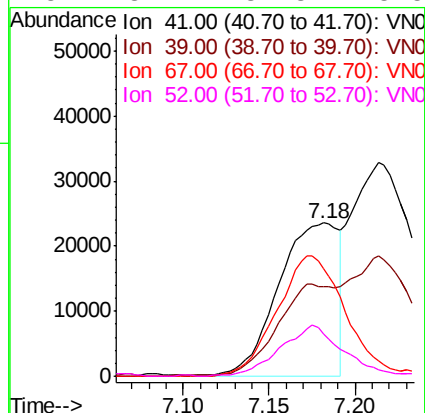
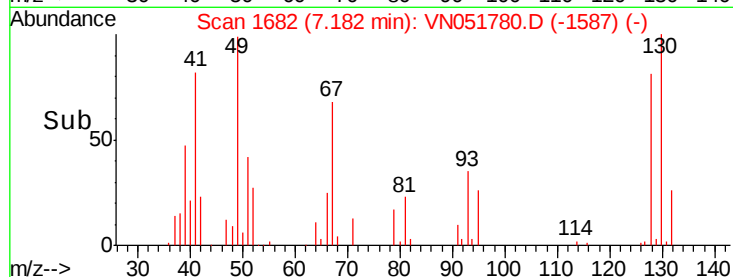
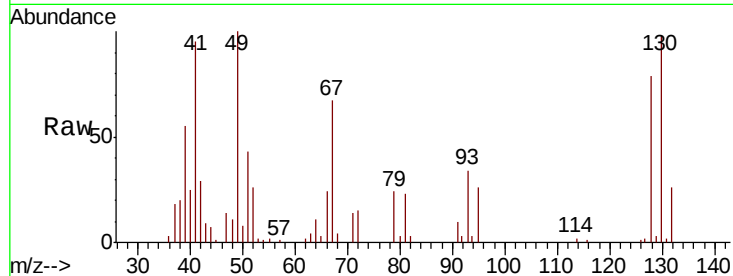




#41
Methacrylonitrile
Concen: 3482.194 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

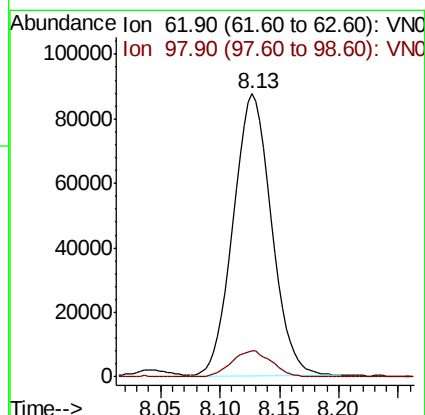
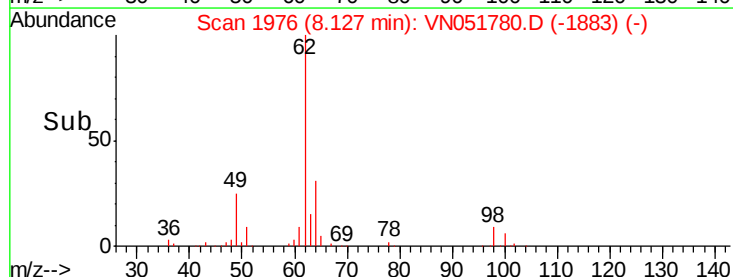
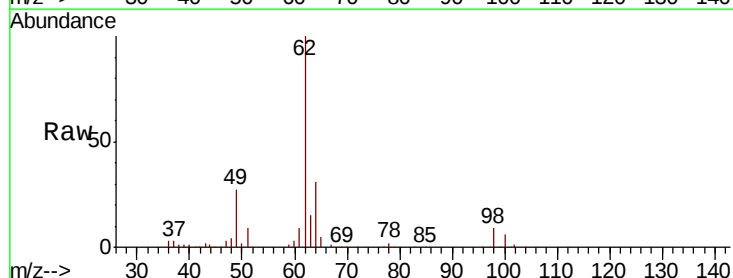
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

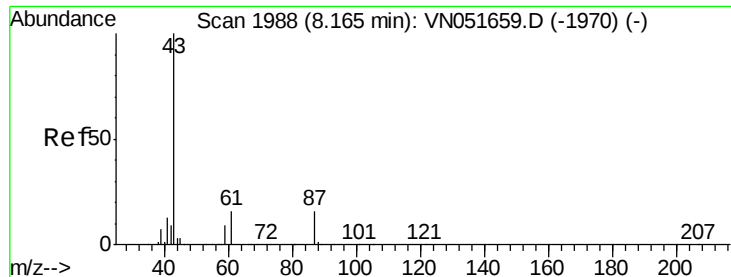
Tot Ion: 41 Resp: 57493
Ion Ratio Lower Upper
41 100
39 55.6 53.9 80.9
67 90.1 78.1 117.1
52 34.4 32.3 48.5



#42
1,2-Dichloroethane
Concen: 3161.509 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 62 Resp: 195213
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 3119.511 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

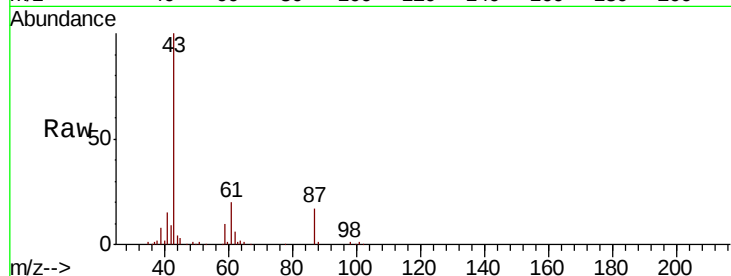
MSVOA_N

ClientSampleId :

VN1010MBS01

Tot Ion: 43 Resp: 209652

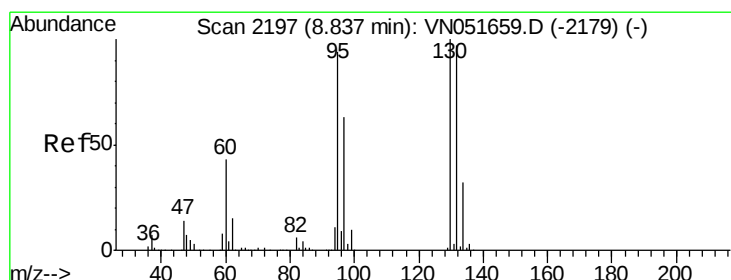
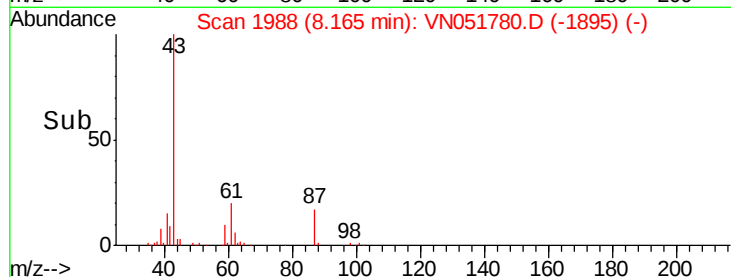
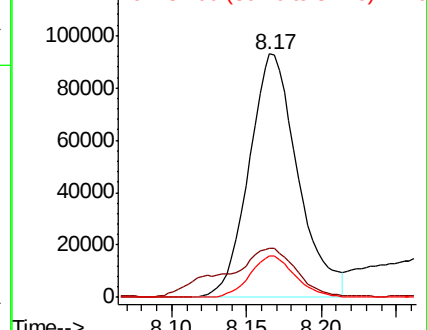
Ion	Ratio	Lower	Upper
43	100		
61	28.9	15.8	23.6#
87	15.9	12.6	19.0



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)



#44

Trichloroethene

Concen: 3328.304 ug/l

RT: 8.84 min Scan# 2197

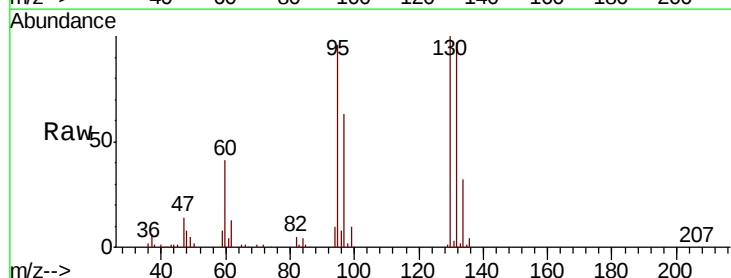
Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

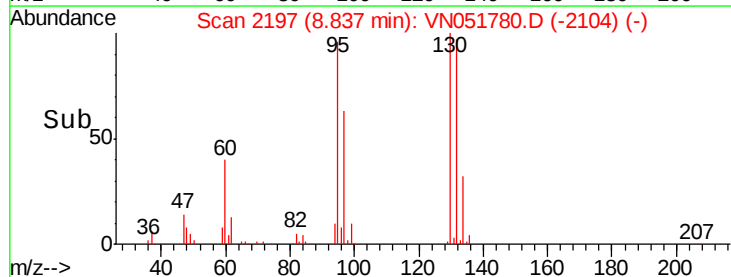
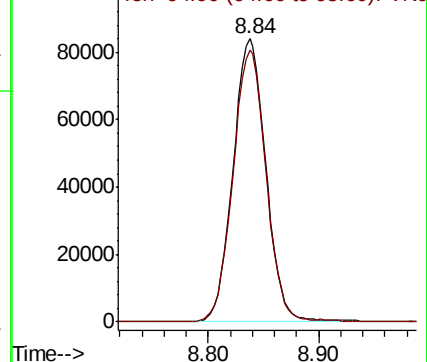
Tgt Ion: 130 Resp: 173151

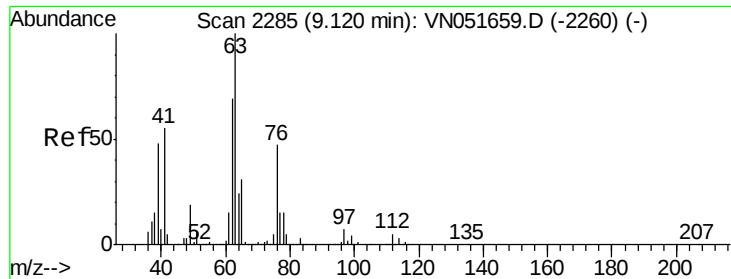
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): VN051659.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051659.D (-2179) (-)

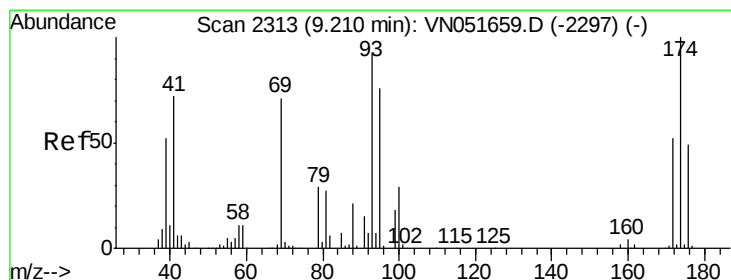
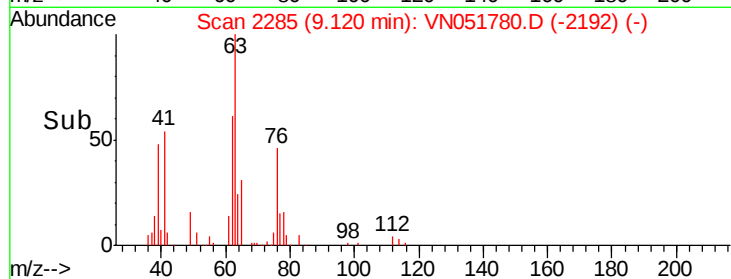
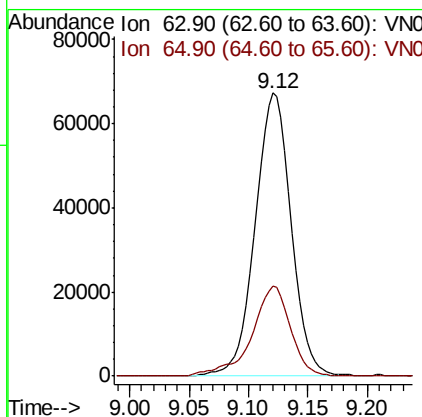
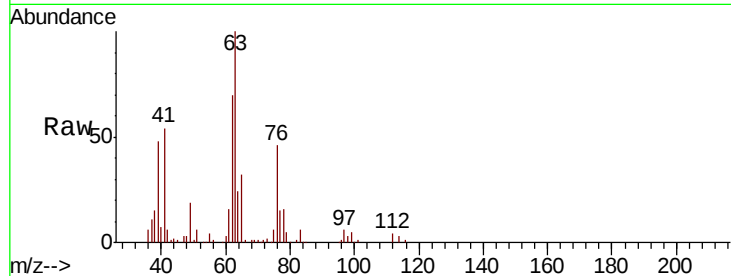




#45
 1,2-Dichloropropane
 Concen: 3111.966 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

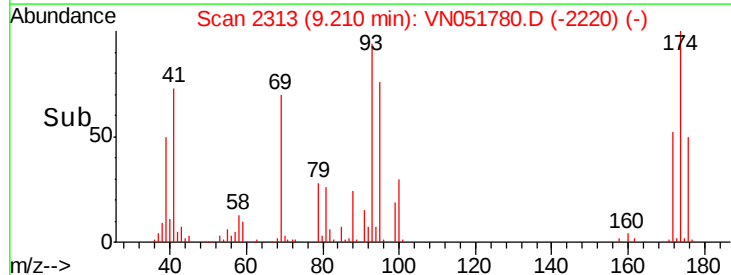
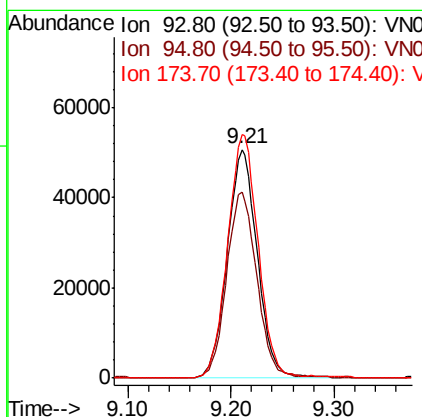
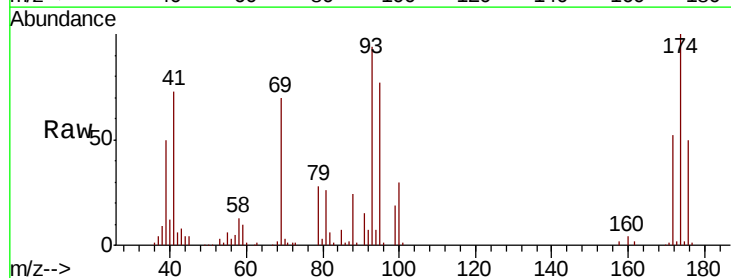
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

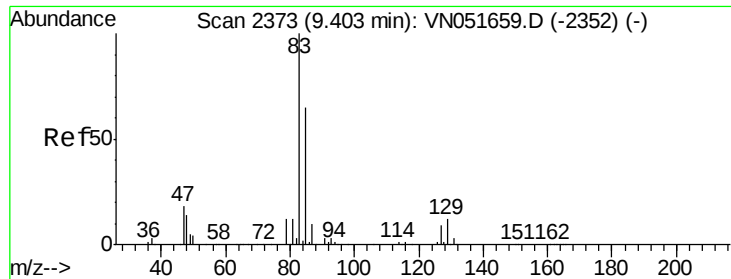
Tot Ion: 63 Resp: 140971
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4



#46
 Dibromomethane
 Concen: 3284.557 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 93 Resp: 103420
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.6 100.0
 174 107.6 85.9 128.9

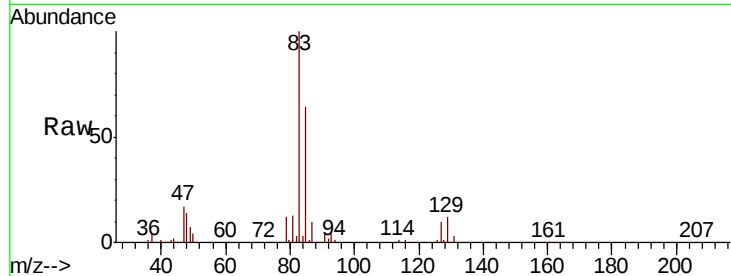




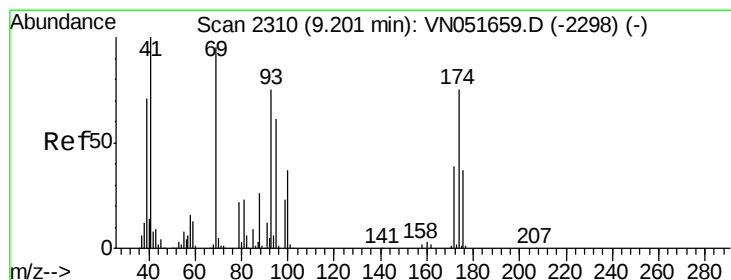
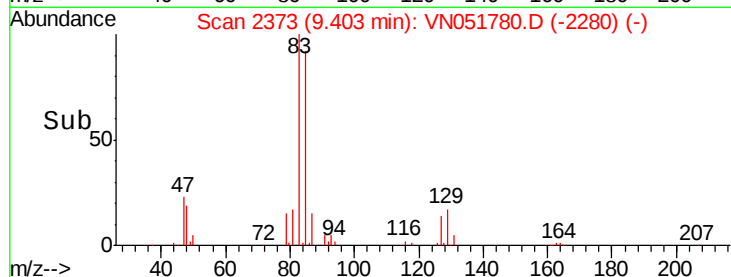
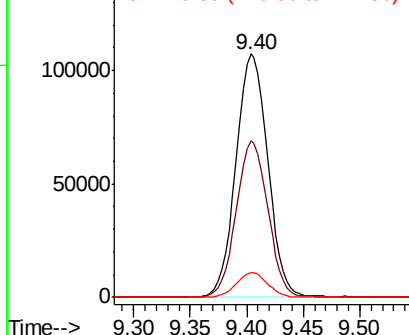
#47
Bromodichloromethane
Concen: 3050.026 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion: 83 Resp: 211409
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4
127 10.1 7.3 10.9

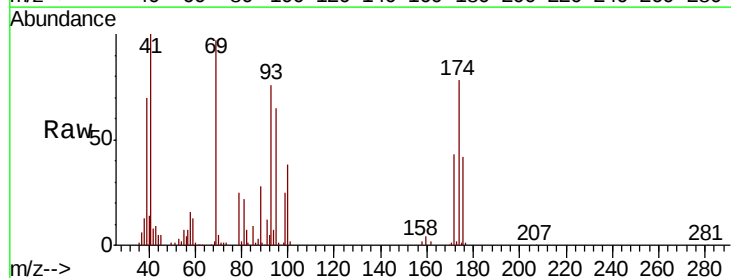


Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC
Ion 126.80 (126.50 to 127.50): V

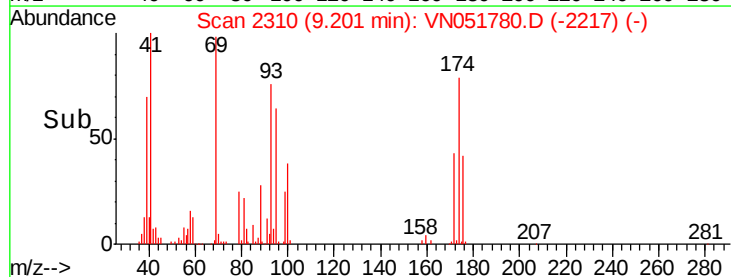
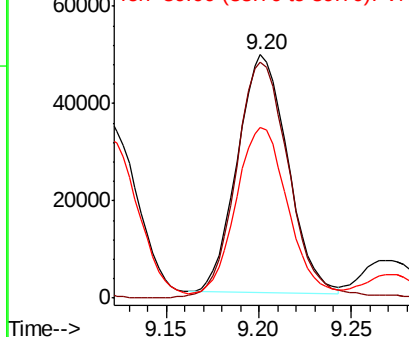


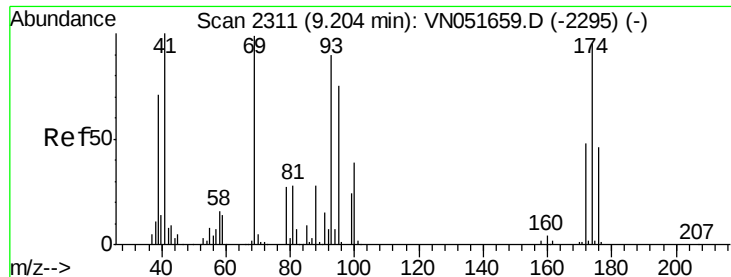
#48
Methyl methacrylate
Concen: 3000.684 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 41 Resp: 92150
Ion Ratio Lower Upper
41 100
69 103.9 78.6 118.0
39 73.8 59.2 88.8



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

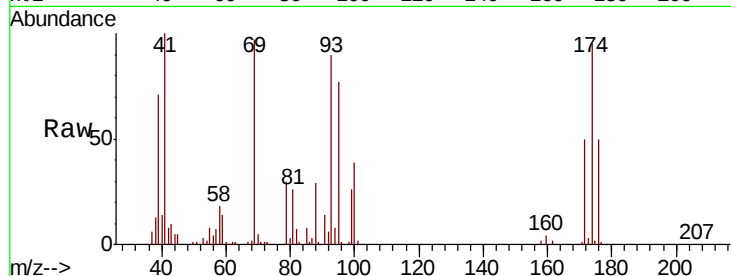




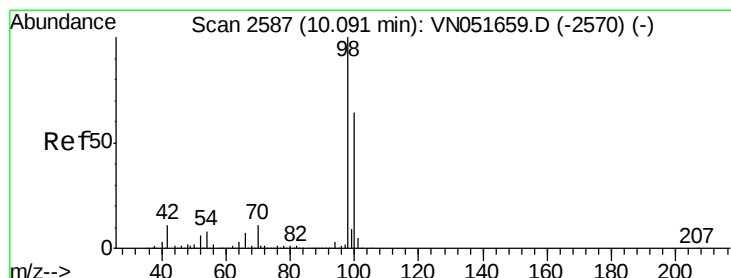
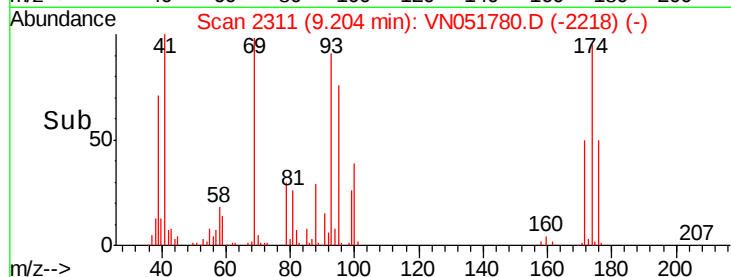
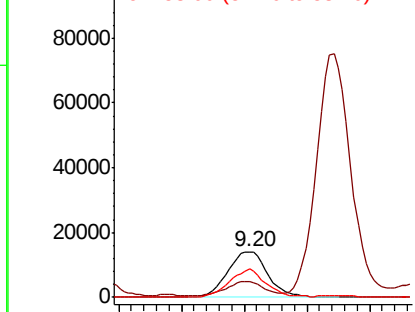
#49
1,4-Dioxane
Concen: 68469.398 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion: 88 Resp: 31529
Ion Ratio Lower Upper
88 100
43 27.8 24.5 36.7
58 55.2 47.6 71.4

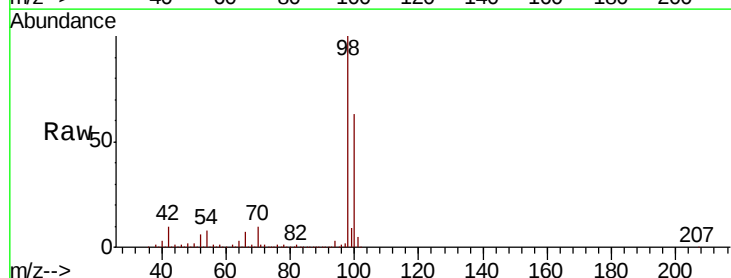


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

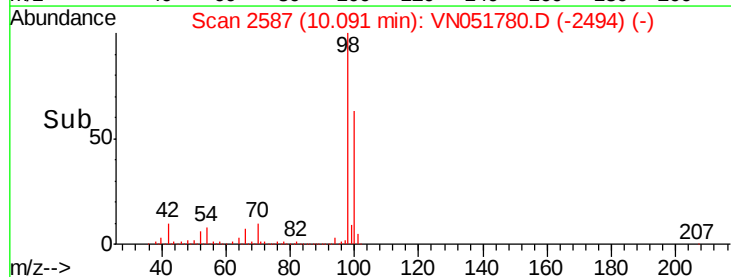
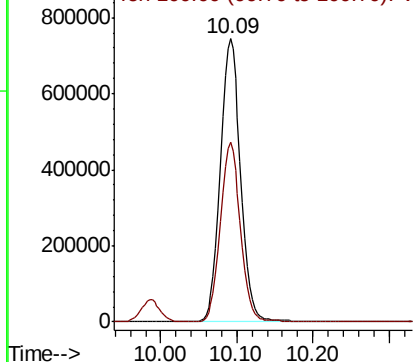


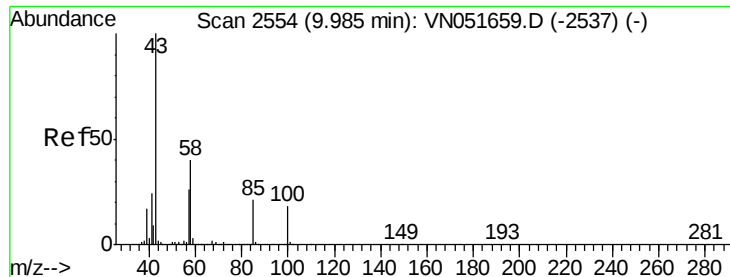
#50
Toluene-d8
Concen: 68469.398 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 98 Resp: 1374936
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



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

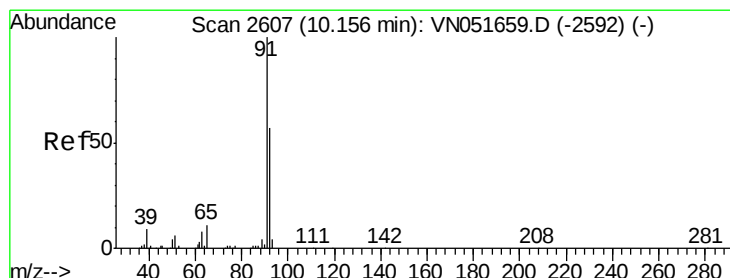
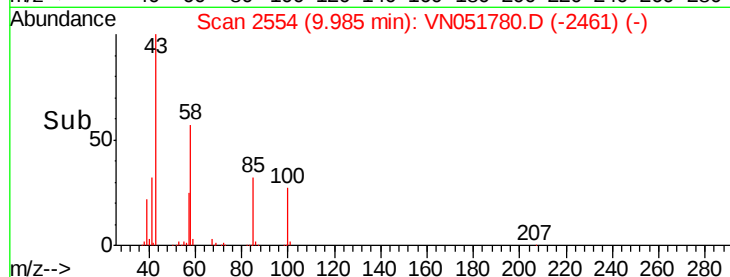
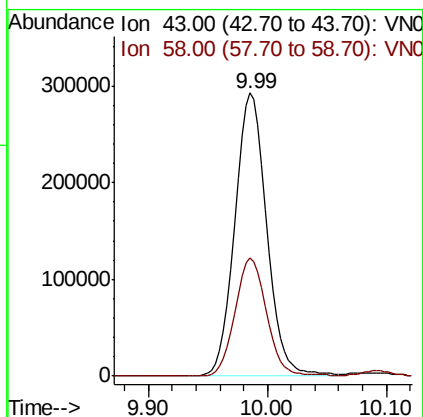
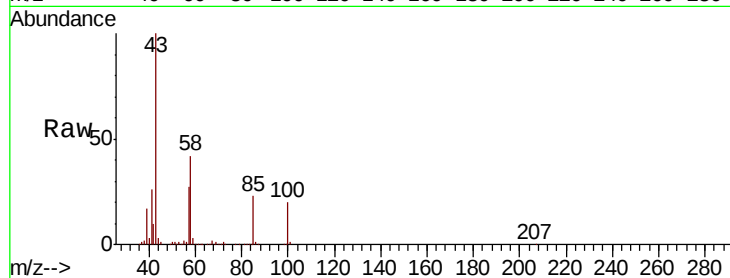




#51
 4-Methyl-2-Pentanone
 Concen: 15855.145 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

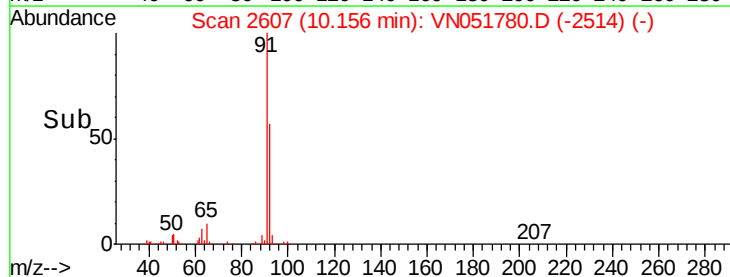
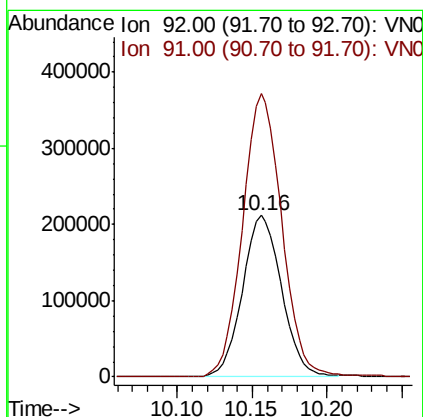
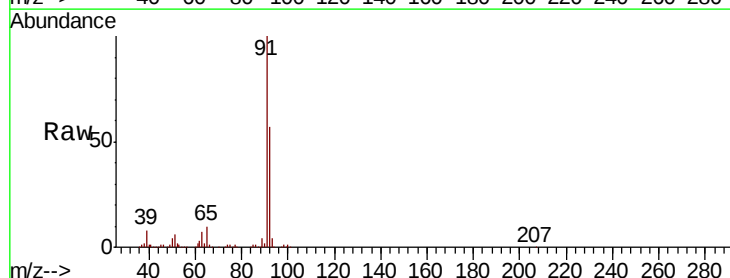
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

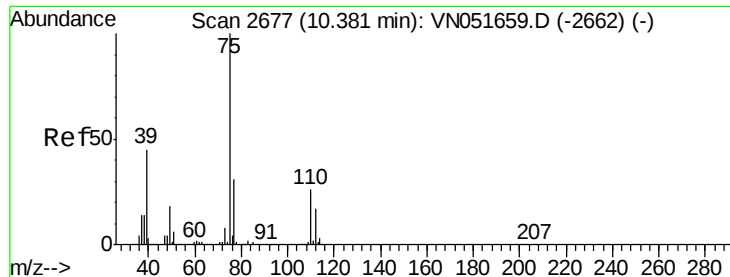
Tot Ion: 43 Resp: 539954
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.2 48.2



#52
 Toluene
 Concen: 3155.254 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 92 Resp: 384503
 Ion Ratio Lower Upper
 92 100
 91 177.0 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 2951.636 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

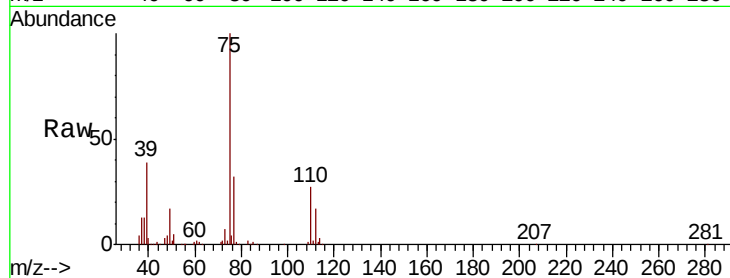
VN1010MBS01

Tot Ion: 75 Resp: 211108

Ion Ratio Lower Upper

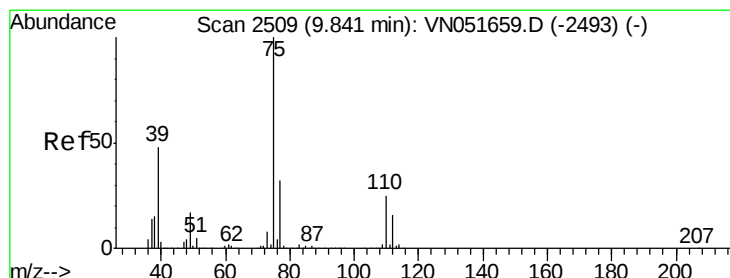
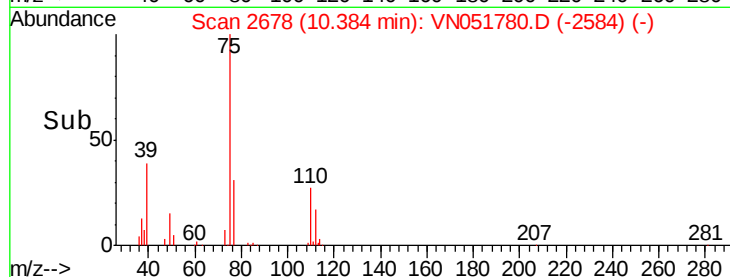
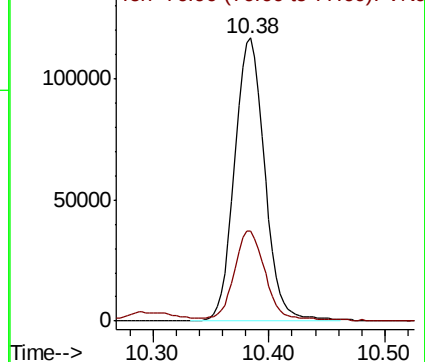
75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 2967.675 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

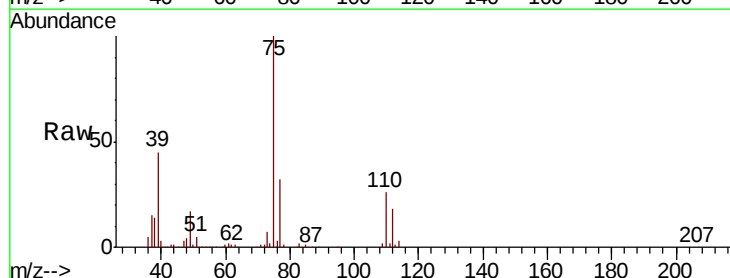
Tgt Ion: 75 Resp: 225395

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

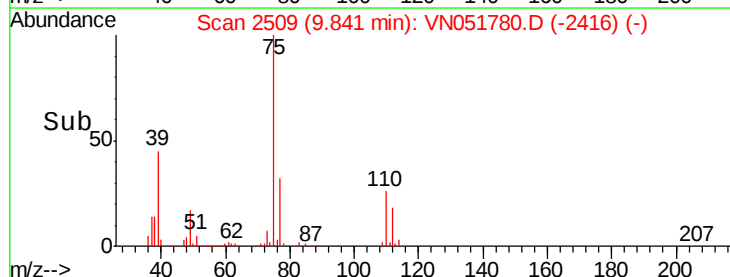
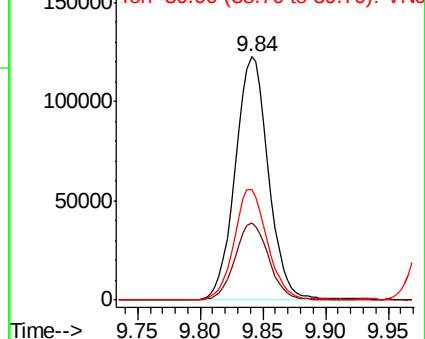
39 45.4 38.1 57.1

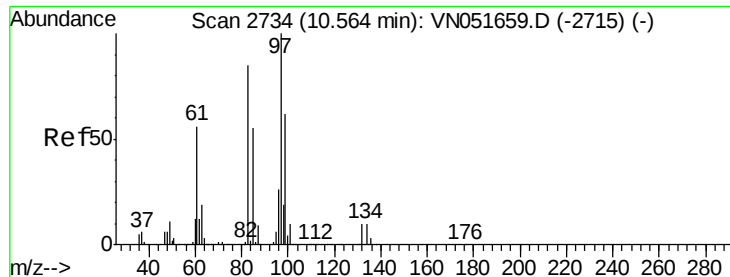


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

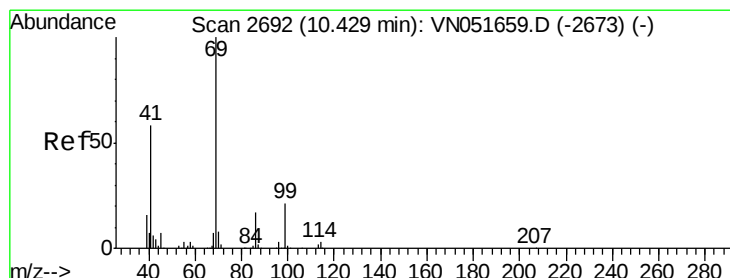
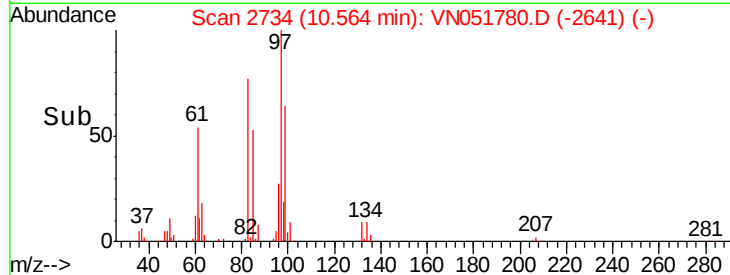
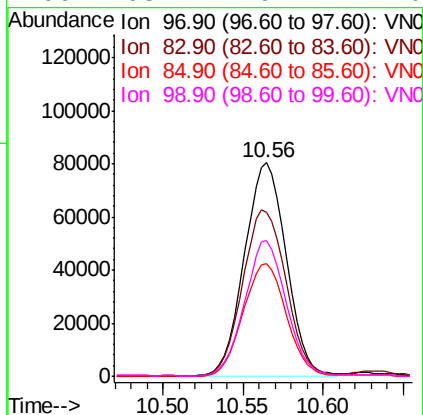
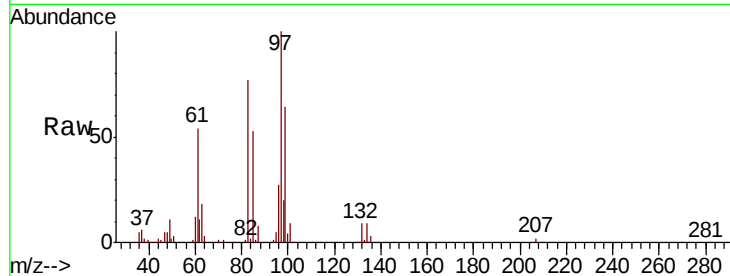




#55
 1,1,2-Trichloroethane
 Concen: 3328.440 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

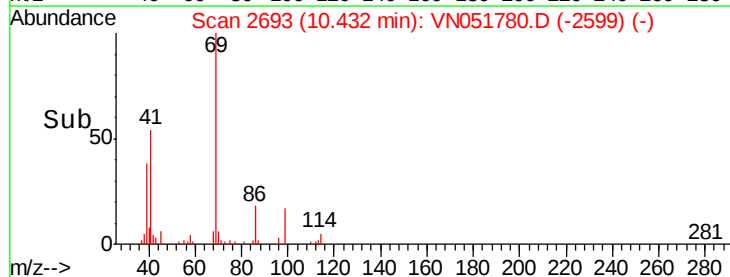
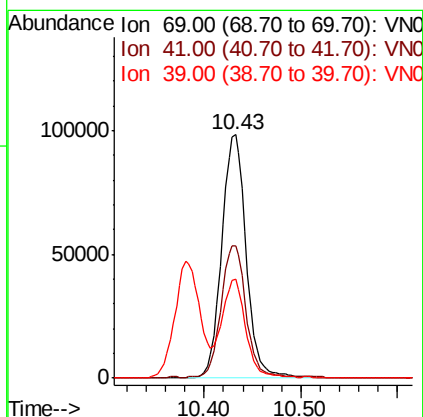
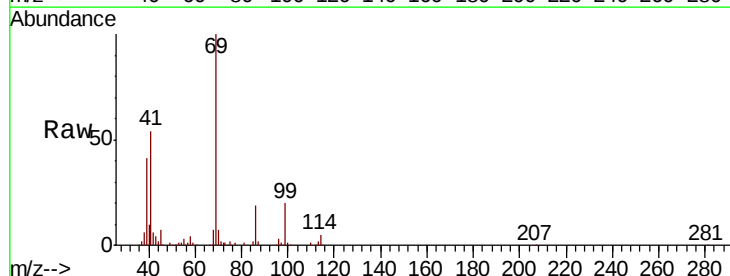
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

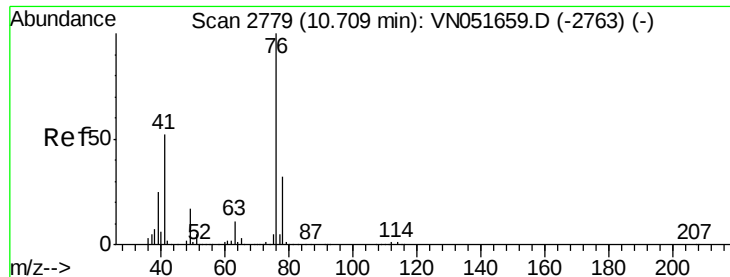
Tot Ion: 97 Resp: 144491
 Ion Ratio Lower Upper
 97 100
 83 77.0 68.1 102.1
 85 52.6 43.6 65.4
 99 63.4 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 3152.145 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 69 Resp: 173046
 Ion Ratio Lower Upper
 69 100
 41 54.4 46.4 69.6
 39 39.6 32.4 48.6

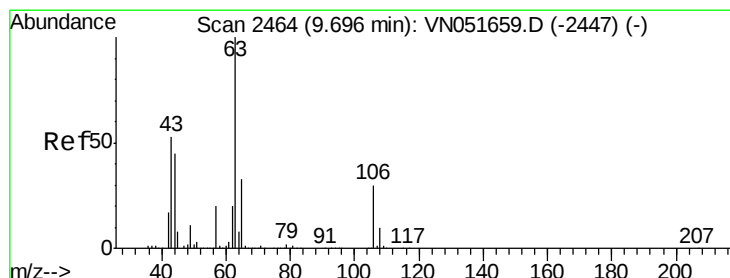
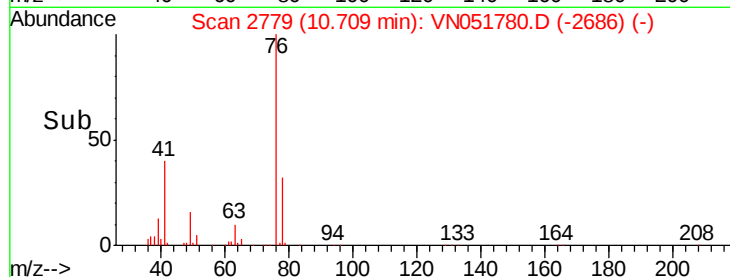
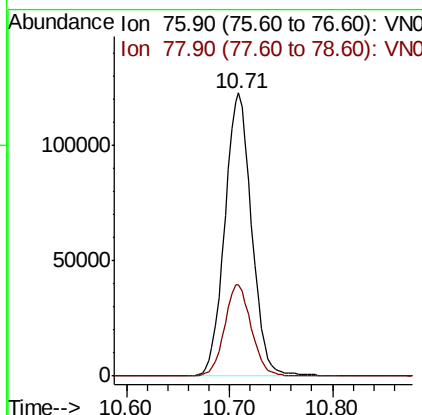
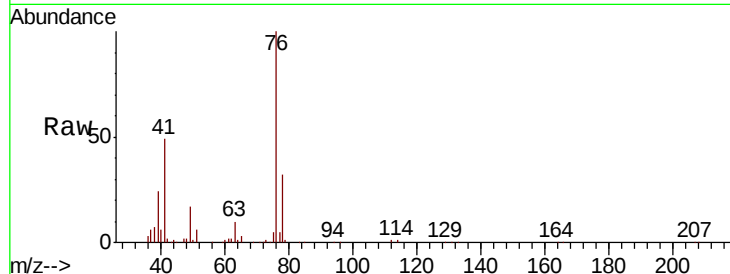




#57
 1,3-Dichloropropane
 Concen: 3237.847 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

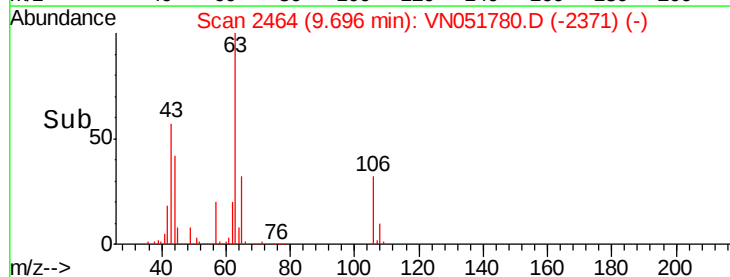
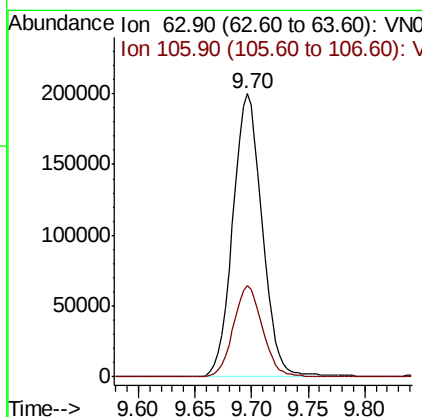
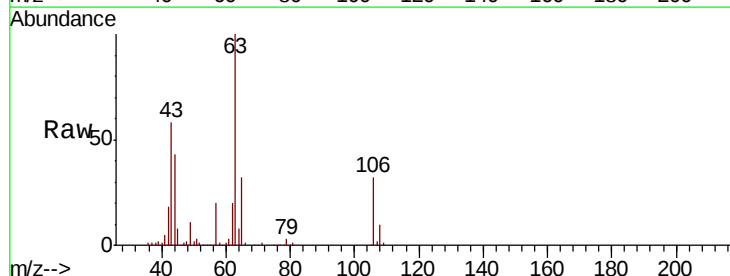
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

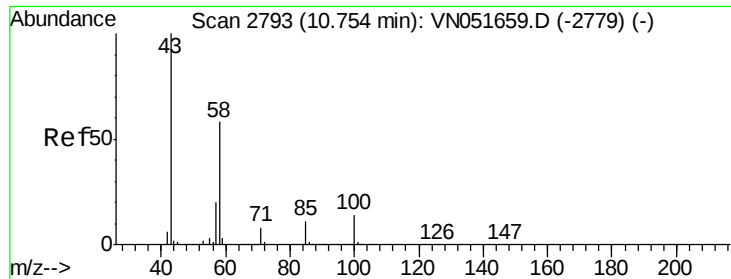
Tot Ion: 76 Resp: 222462
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 15931.087 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 63 Resp: 361960
 Ion Ratio Lower Upper
 63 100
 106 32.1 24.3 36.5

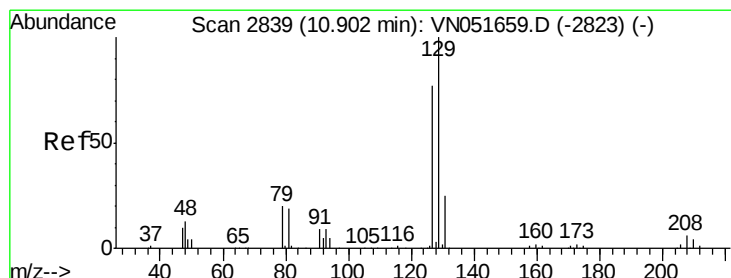
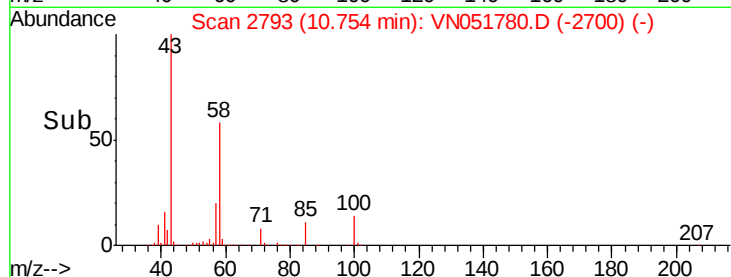
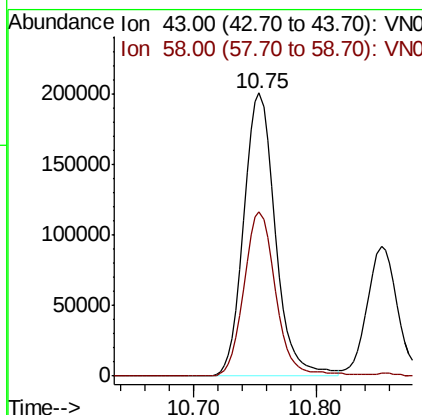
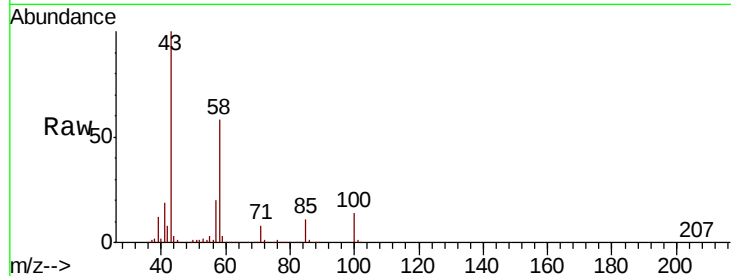




#59
2-Hexanone
Concen: 15406.341 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

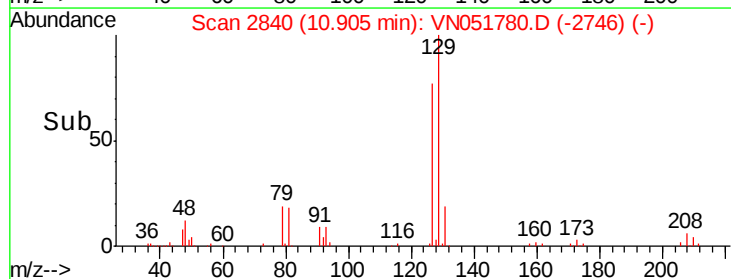
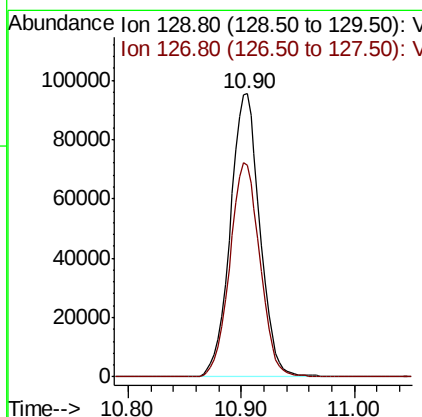
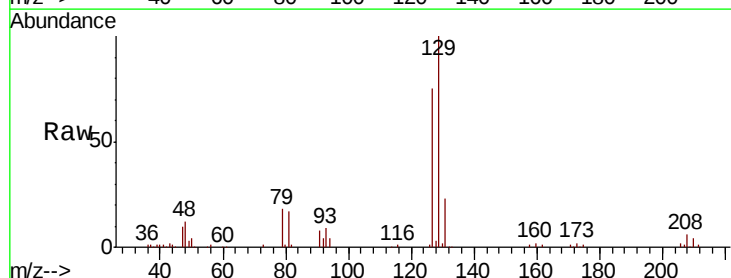
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

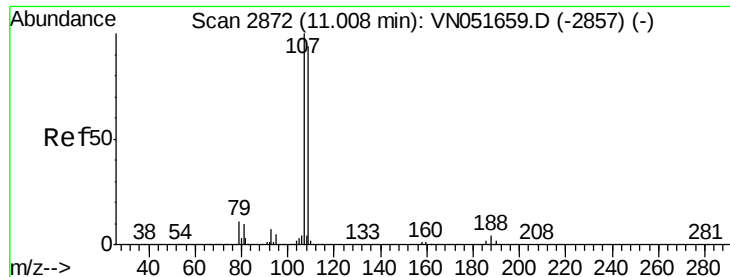
Tot Ion: 43 Resp: 356320
Ion Ratio Lower Upper
43 100
58 58.6 28.8 86.4



#60
Dibromochloromethane
Concen: 3052.961 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion: 129 Resp: 173438
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

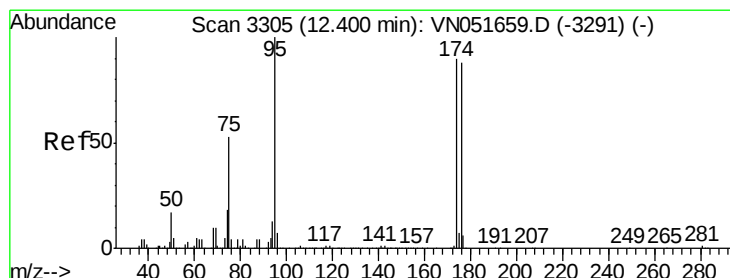
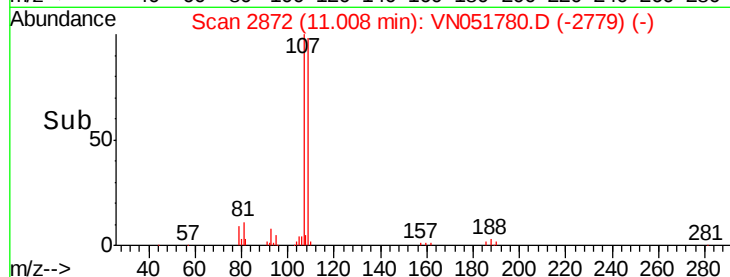
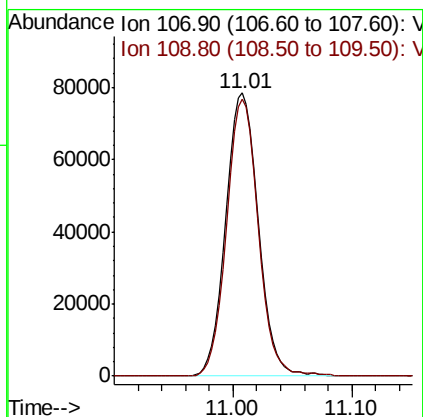
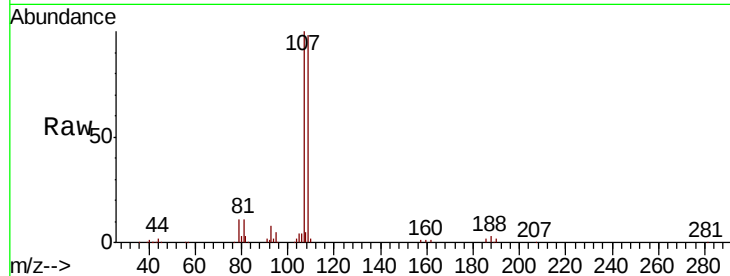




#61
 1,2-Dibromoethane
 Concen: 3245.593 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

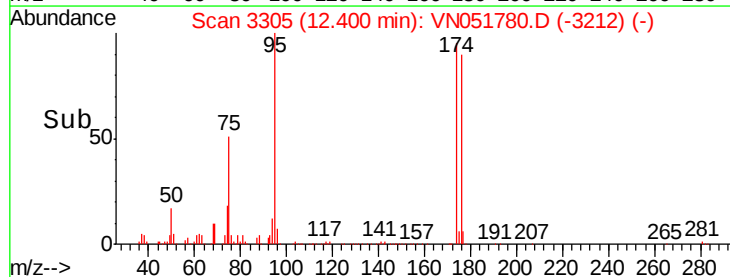
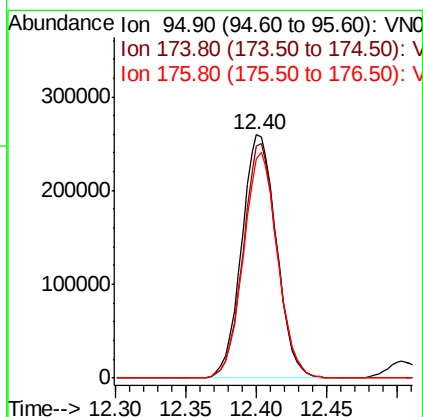
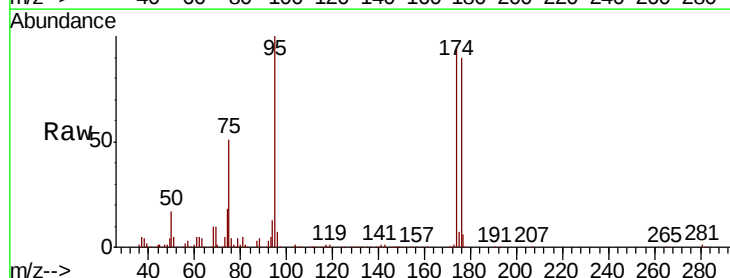
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

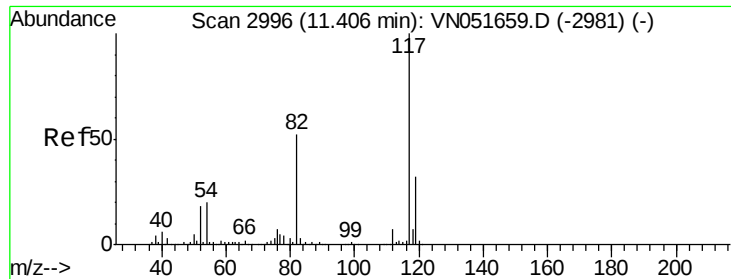
Tot Ion:107 Resp: 148946
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 3245.593 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion: 95 Resp: 448143
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 182.8
 176 90.8 0.0 176.4

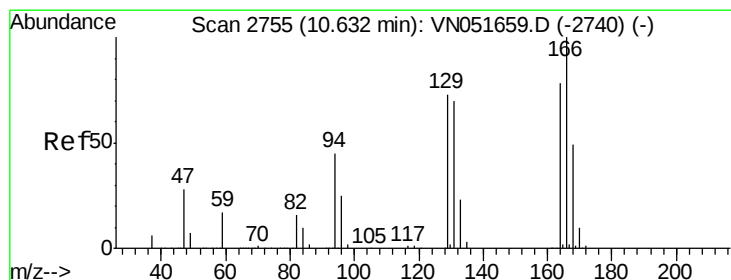
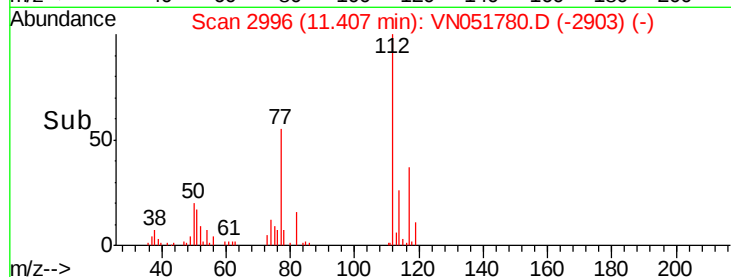
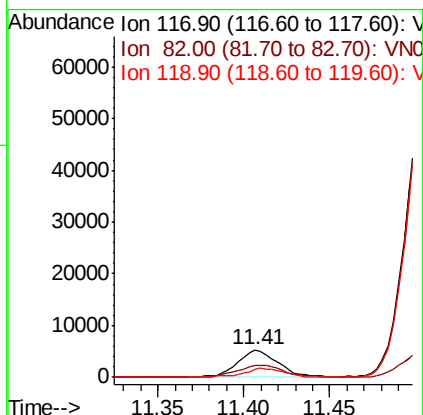
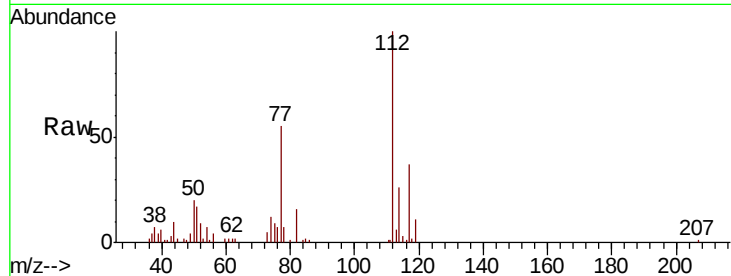




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

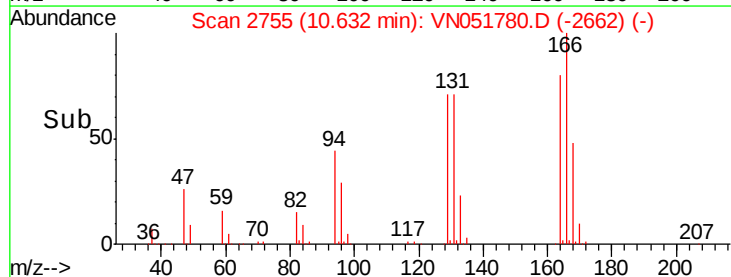
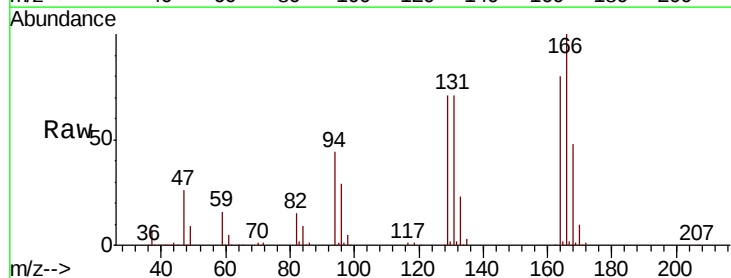
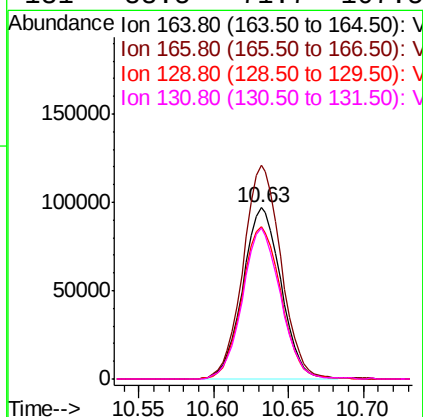
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

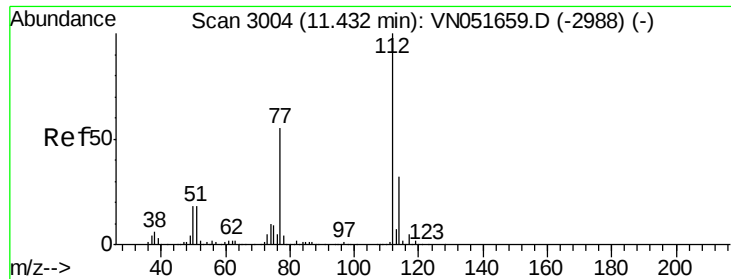
Tot Ion:117 Resp: 8696
Ion Ratio Lower Upper
117 100
82 43.4 41.3 61.9
119 28.8 25.9 38.9



#64
Tetrachloroethene
Concen: 2254.284 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion:164 Resp: 172949
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 88.9 75.2 112.8
131 88.5 71.7 107.5

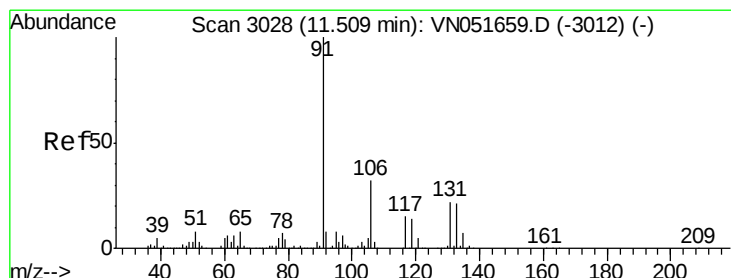
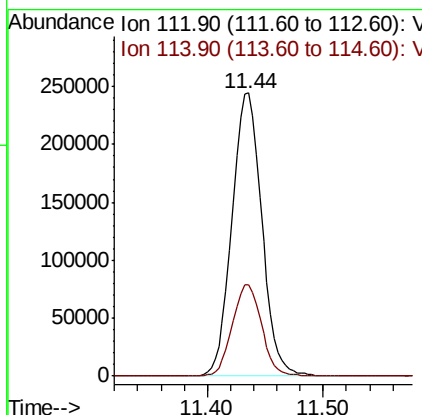
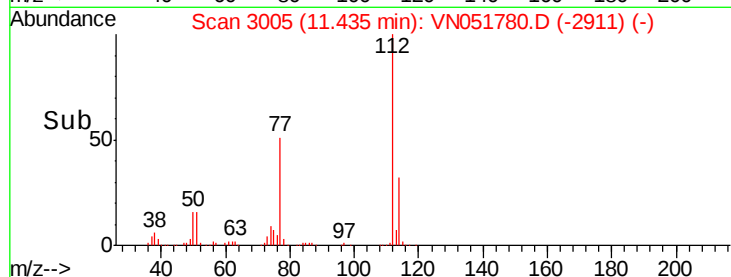
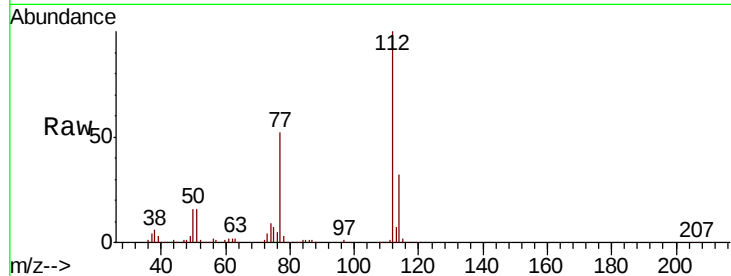




#65
Chlorobenzene
Concen: 2021.240 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

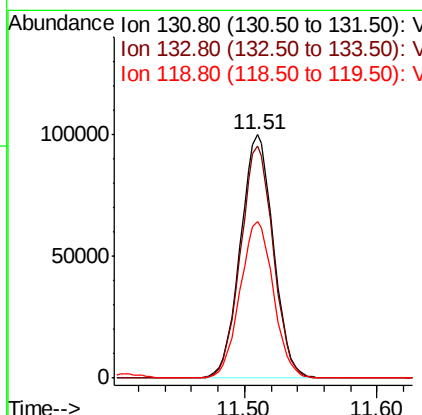
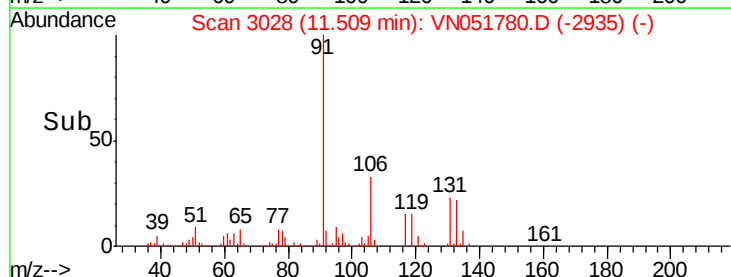
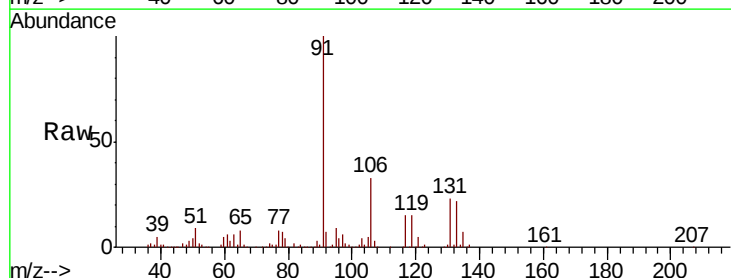
Instrument :
MSVOA_N
ClientSampled :
VN1010MBS01

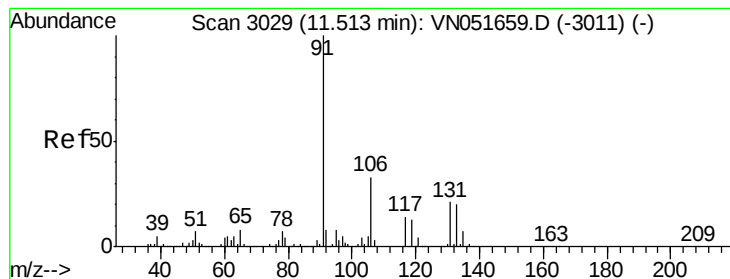
Tot Ion:112 Resp: 435317
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2003.716 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion:131 Resp: 172791
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.8
119 64.8 32.0 96.0





#67

Ethyl Benzene

Concen: 1999.288 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

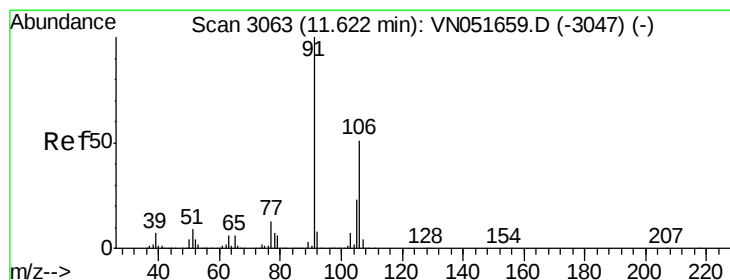
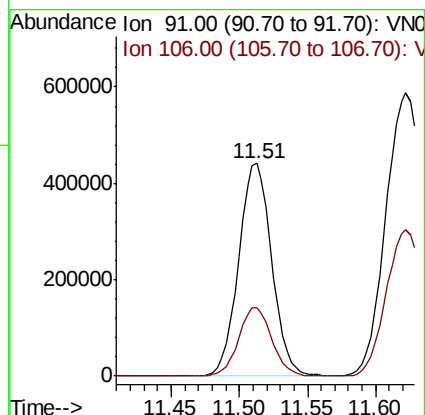
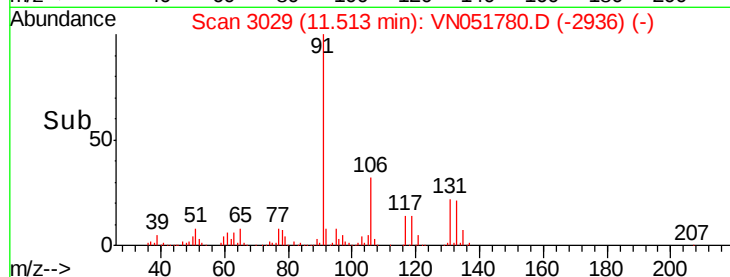
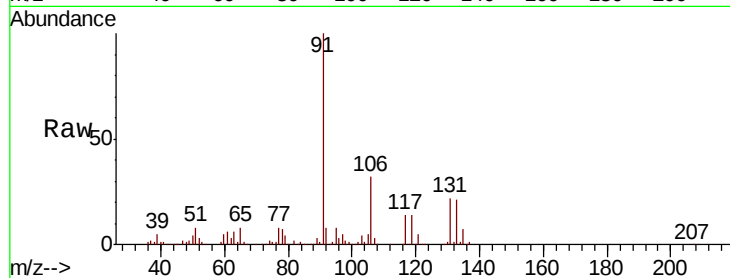
VN1010MBS01

Tot Ion: 91 Resp: 744248

Ion Ratio Lower Upper

91 100

106 32.5 26.0 39.0



#68

m/p-Xylenes

Concen: 3973.558 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051780.D

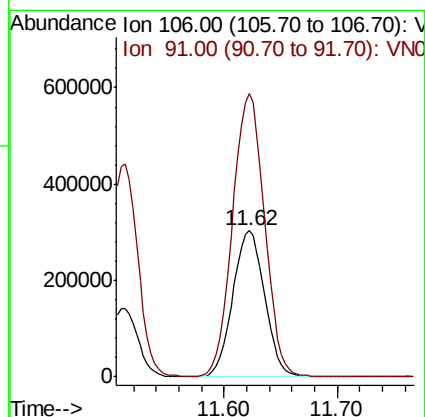
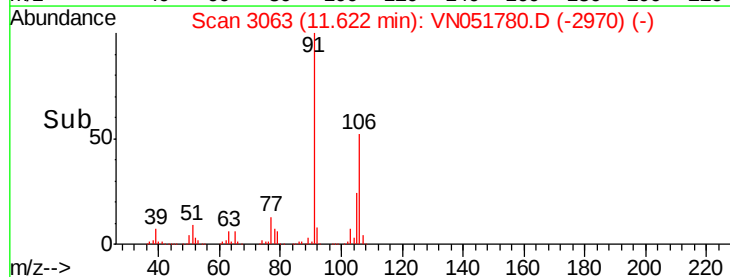
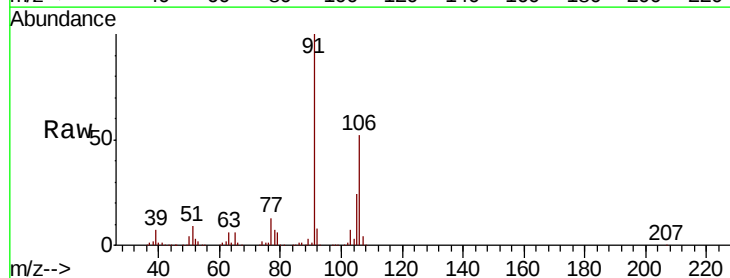
Acq: 10 Oct 2018 10:46

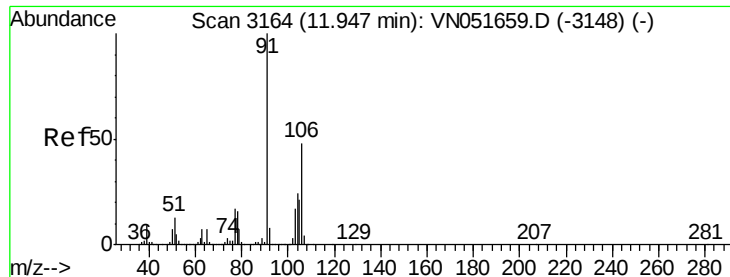
Tgt Ion: 106 Resp: 591846

Ion Ratio Lower Upper

106 100

91 195.3 158.4 237.6

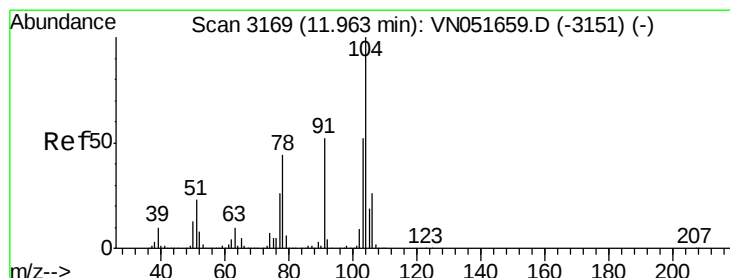
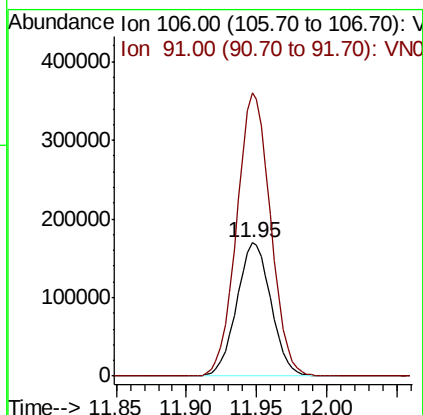
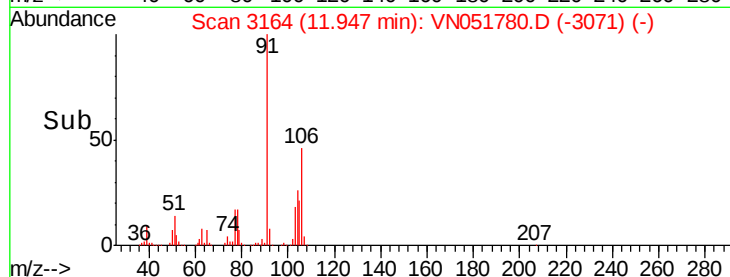
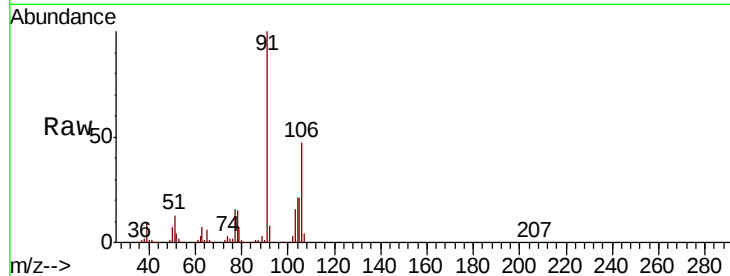




#69
o-Xylene
Concen: 1979.987 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

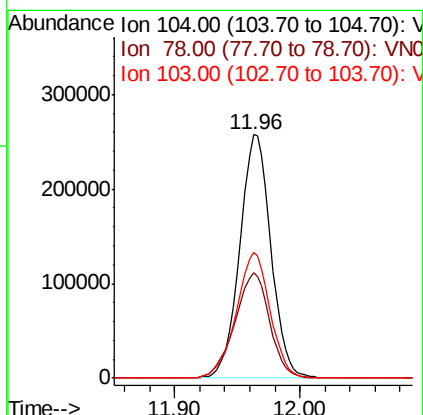
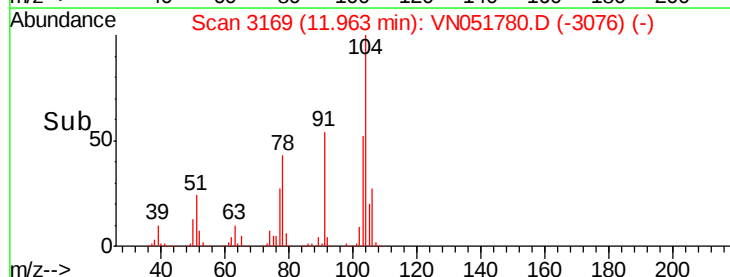
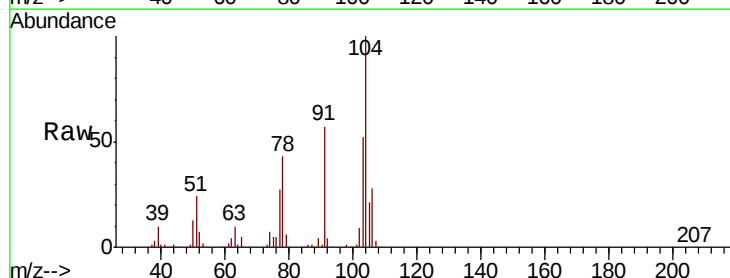
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

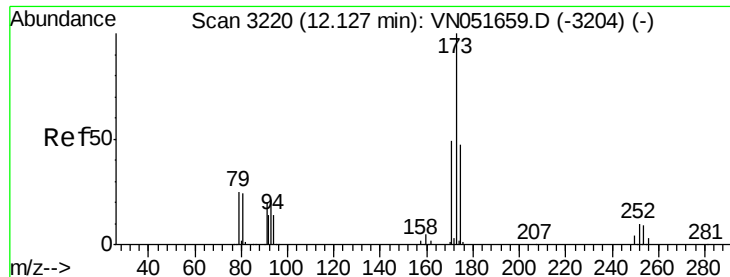
Tot Ion:106 Resp: 289219
Ion Ratio Lower Upper
106 100
91 209.4 104.4 313.2



#70
Styrene
Concen: 1913.964 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion:104 Resp: 445491
Ion Ratio Lower Upper
104 100
78 48.2 39.3 58.9
103 56.1 45.0 67.6

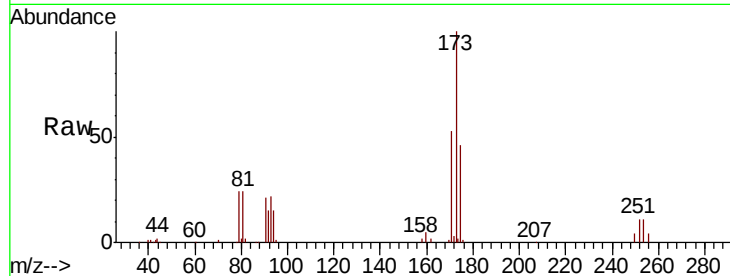




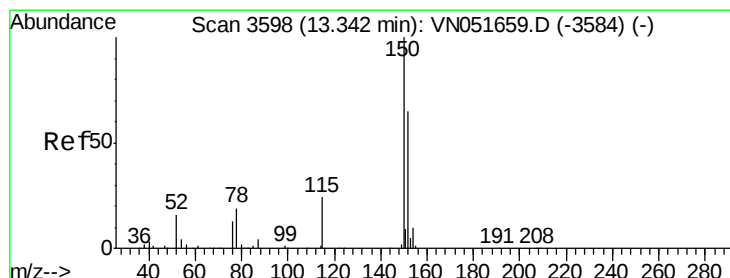
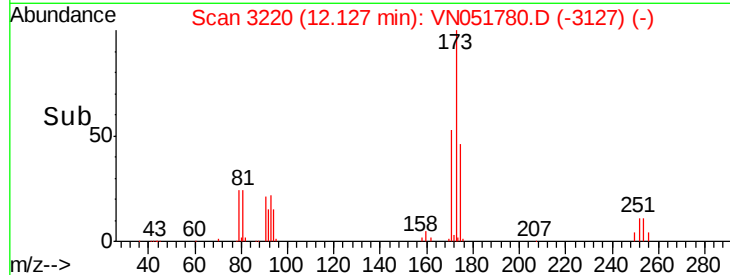
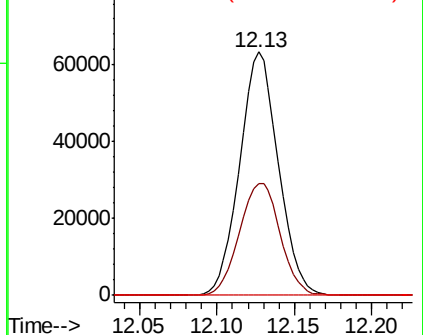
#71
Bromoform
Concen: 1721.020 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Tot Ion:173 Resp: 110390
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.1 0.1#

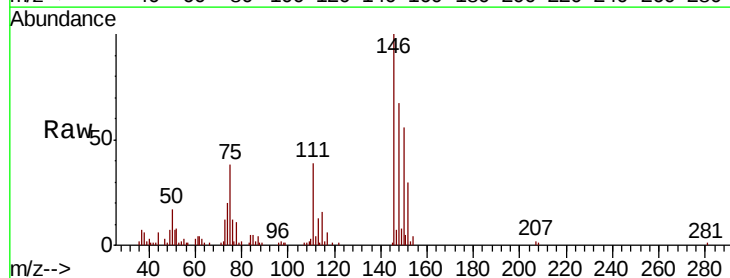


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

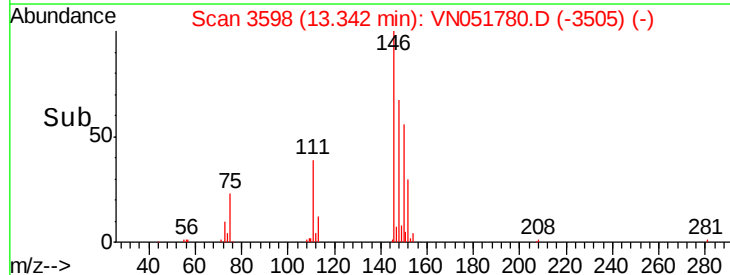
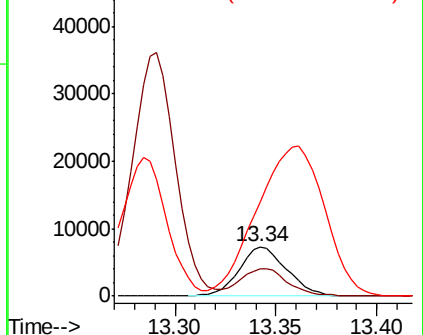


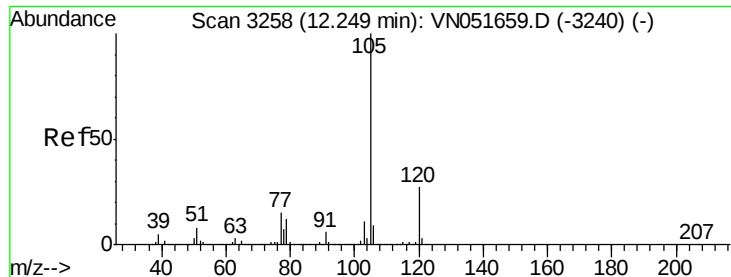
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051780.D
Acq: 10 Oct 2018 10:46

Tgt Ion:152 Resp: 11999
Ion Ratio Lower Upper
152 100
115 55.3 28.6 85.8
150 431.2 0.0 352.4#



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: 772.649 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

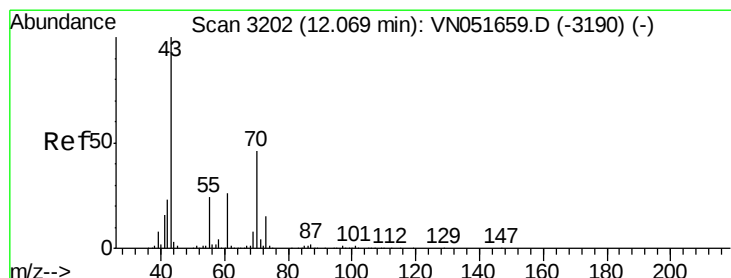
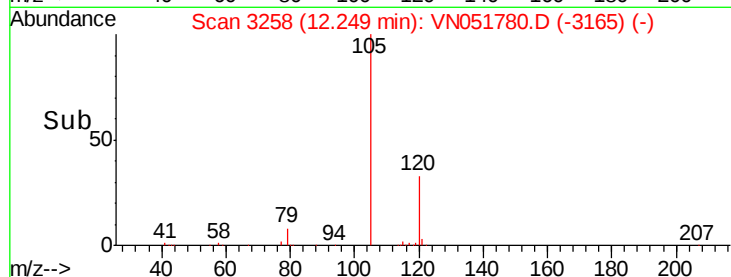
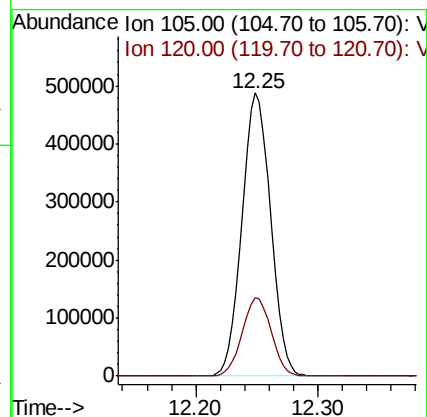
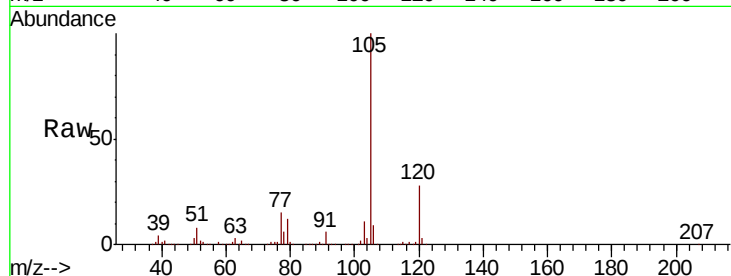
VN1010MBS01

Tot Ion:105 Resp: 790298

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.6



#74

N-ethyl acetate

Concen: 778.598 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Tgt Ion: 43 Resp: 154484

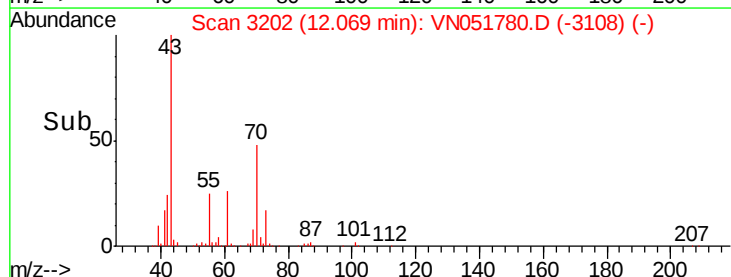
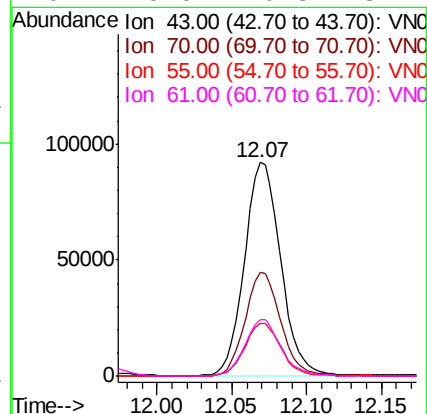
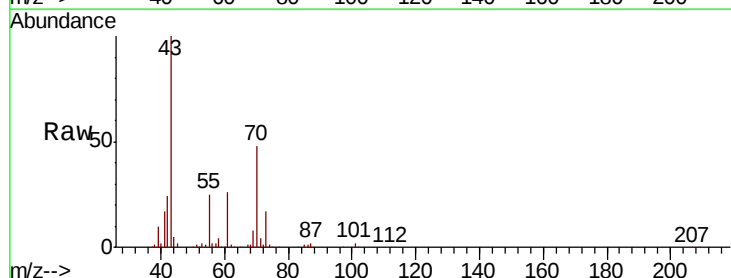
Ion Ratio Lower Upper

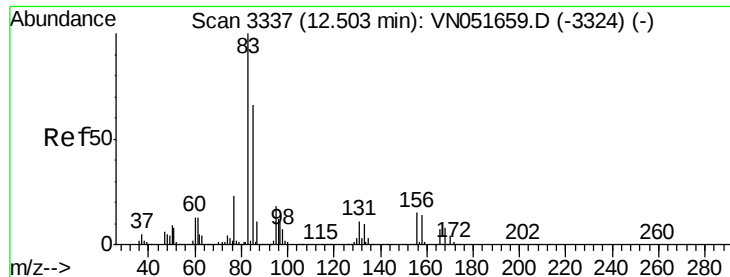
43 100

70 47.9 37.1 55.7

55 24.9 19.1 28.7

61 26.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 915.158 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

VN1010MBS01

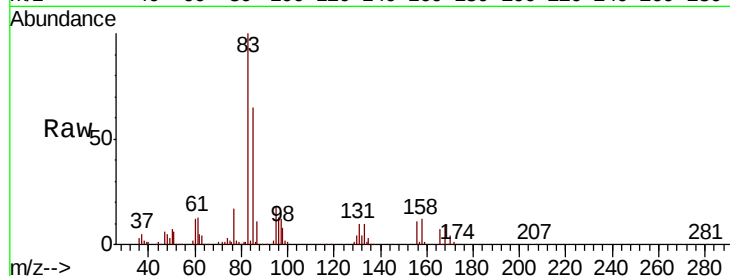
Tot Ion: 83 Resp: 168208

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

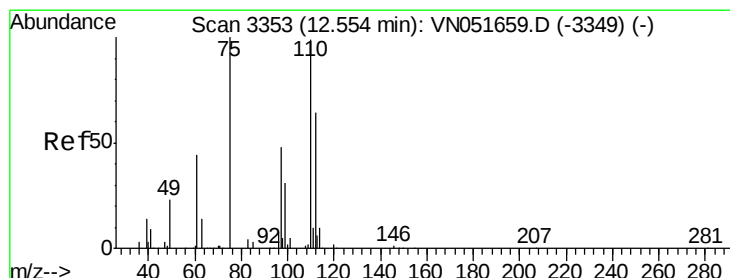
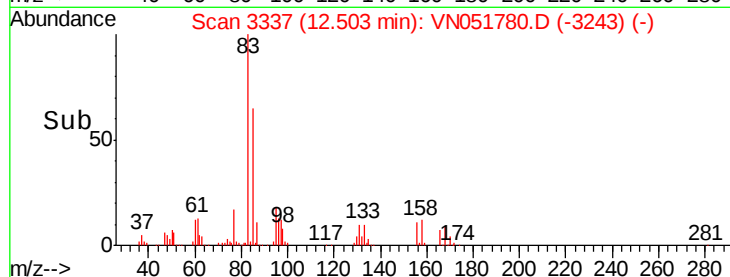
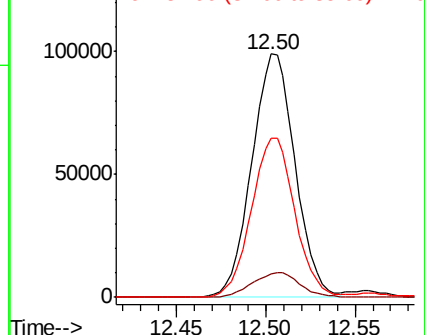
85 65.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN051780.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051780.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051780.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 1494.381 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051780.D

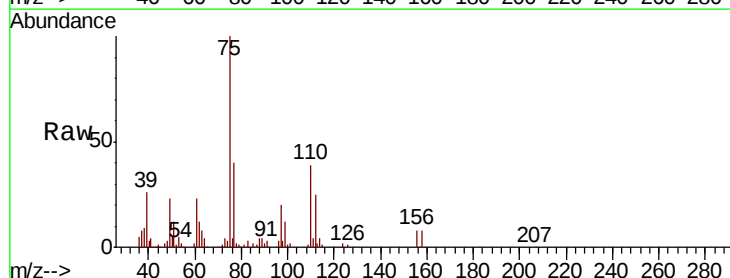
Acq: 10 Oct 2018 10:46

Tgt Ion: 75 Resp: 205126

Ion Ratio Lower Upper

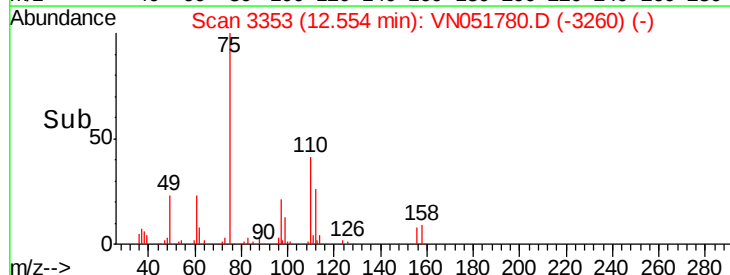
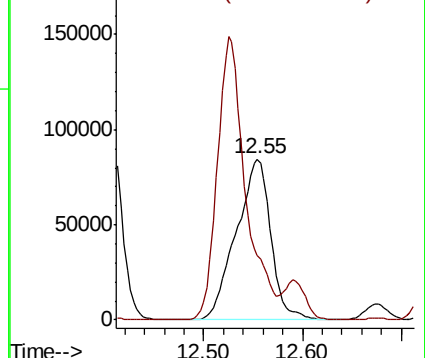
75 100

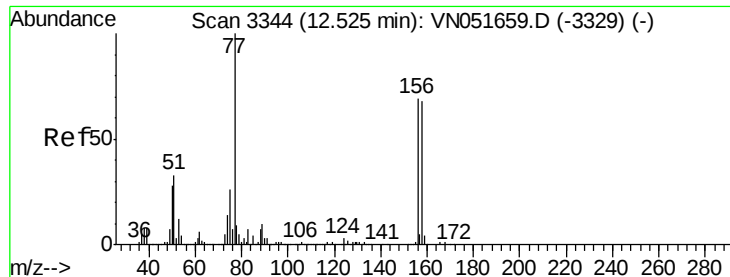
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051780.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051780.D (-3260) (-)





#77

Bromobenzene

Concen: 755.784 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

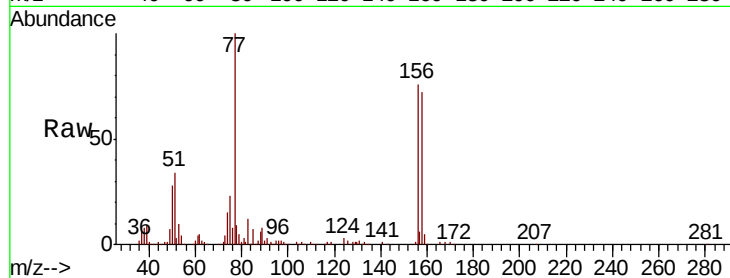
Tot Ion:156 Resp: 189019

Ion Ratio Lower Upper

156 100

77 158.5 83.2 249.4

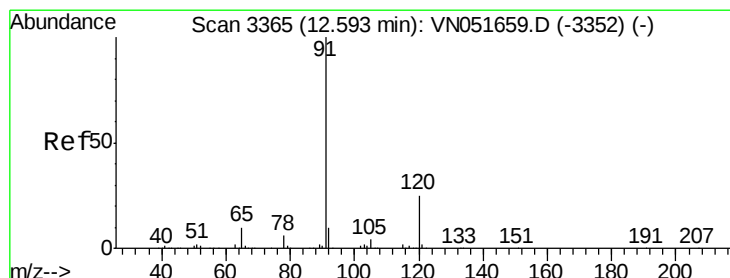
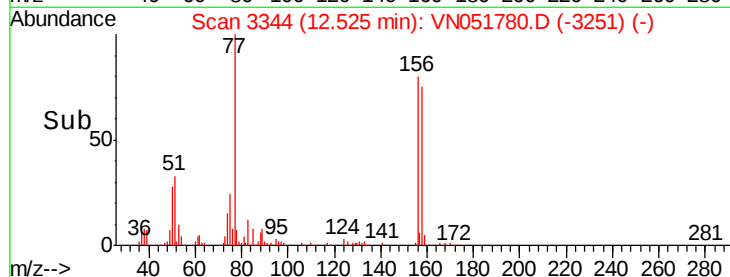
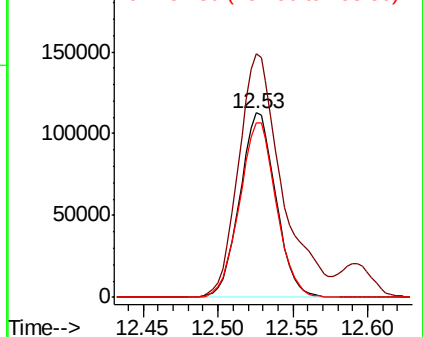
158 96.5 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 753.123 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051780.D

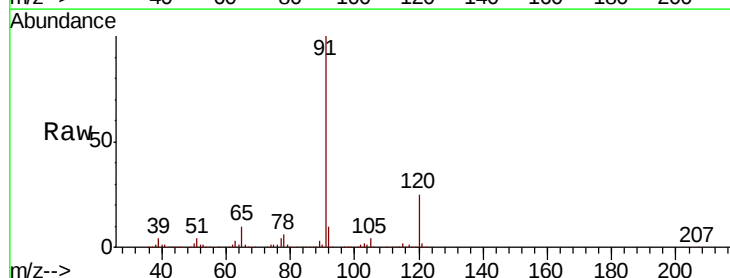
Acq: 10 Oct 2018 10:46

Tgt Ion: 91 Resp: 840205

Ion Ratio Lower Upper

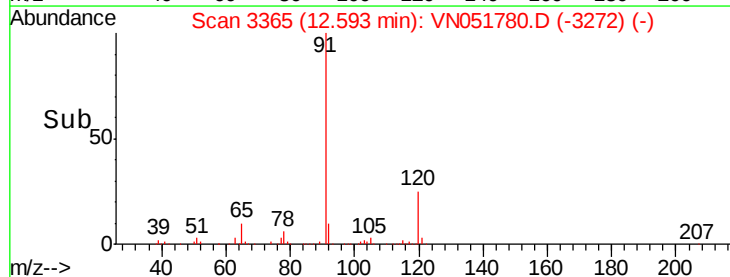
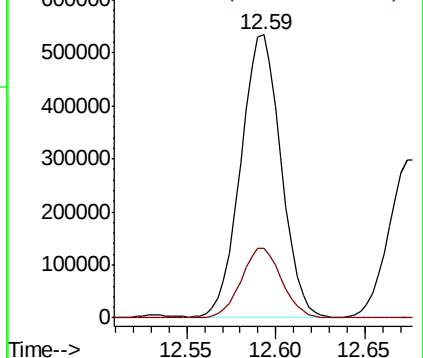
91 100

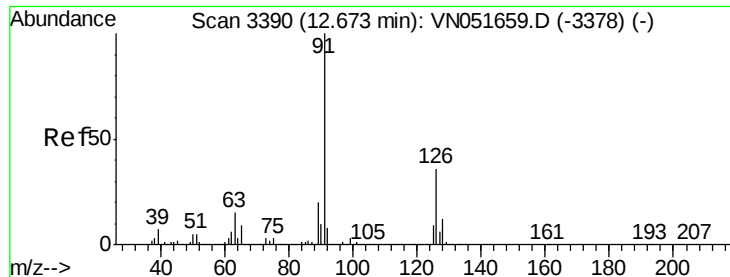
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 754.932 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

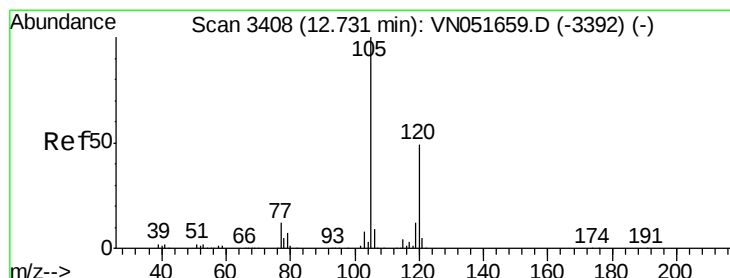
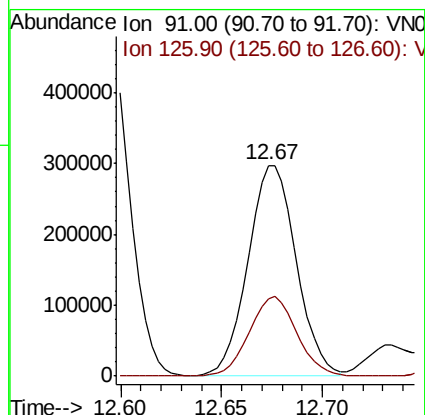
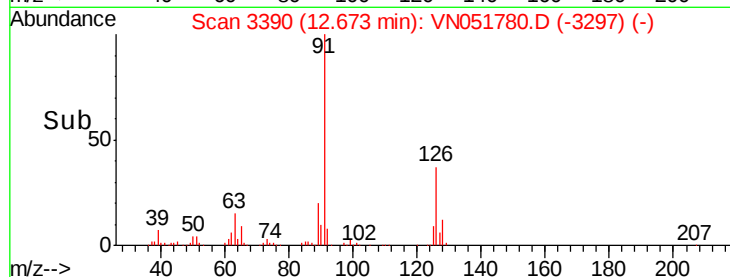
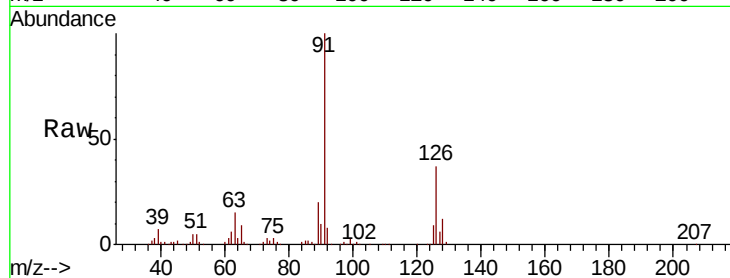
VN1010MBS01

Tot Ion: 91 Resp: 496368

Ion Ratio Lower Upper

91 100

126 37.5 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 763.772 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051780.D

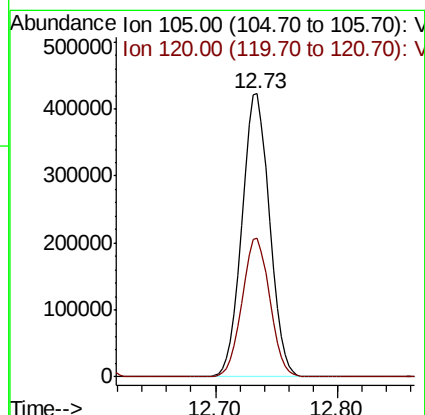
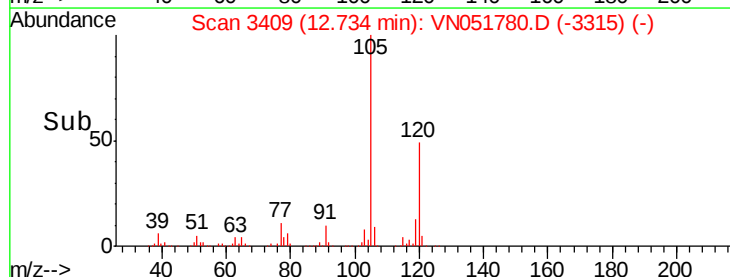
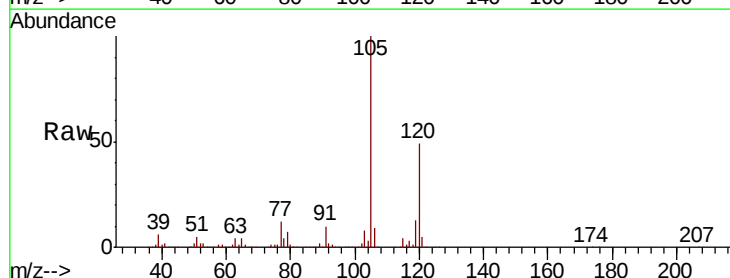
Acq: 10 Oct 2018 10:46

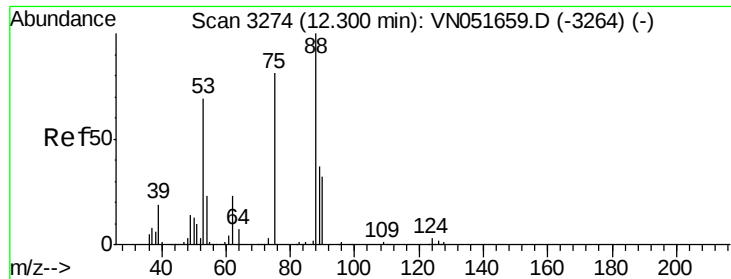
Tgt Ion: 105 Resp: 658360

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 655.172 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

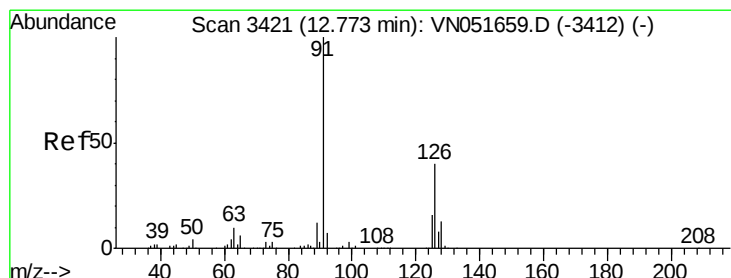
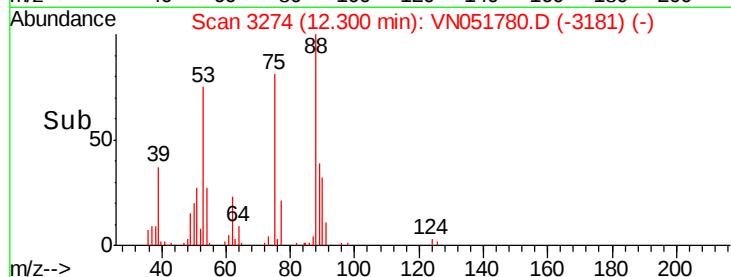
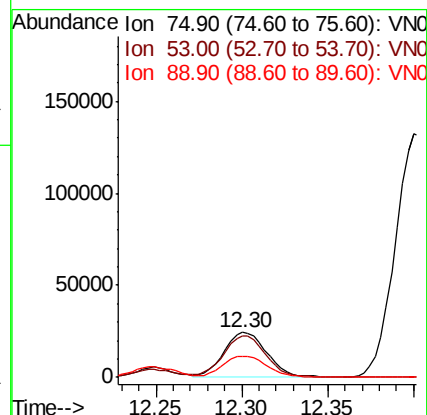
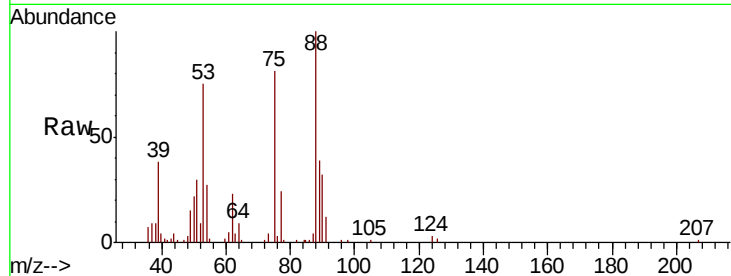
Tot Ion: 75 Resp: 42767

Ion Ratio Lower Upper

75 100

53 92.3 68.6 102.8

89 48.7 39.4 59.2



#82

4-Chlorotoluene

Concen: 732.347 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051780.D

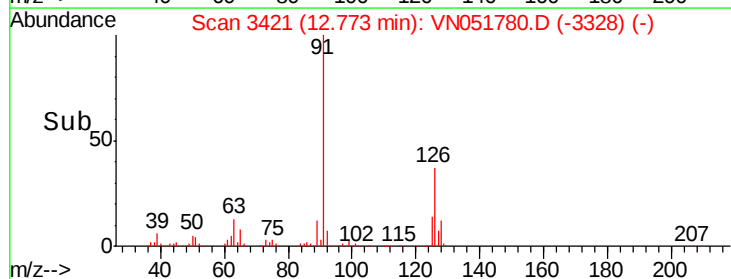
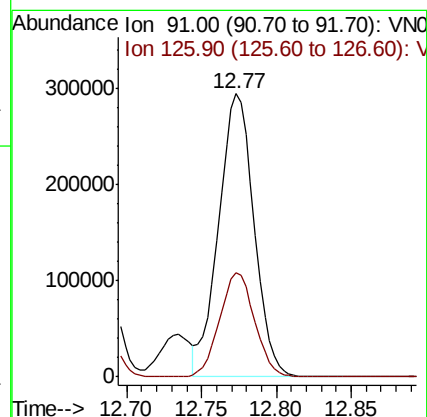
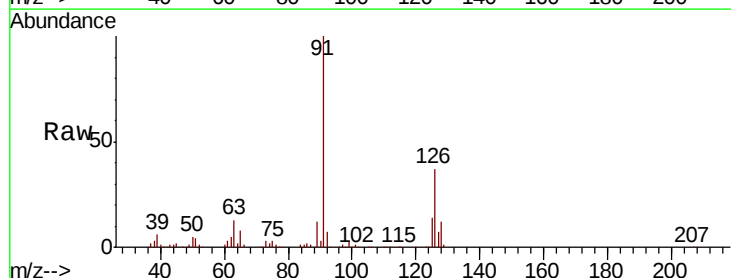
Acq: 10 Oct 2018 10:46

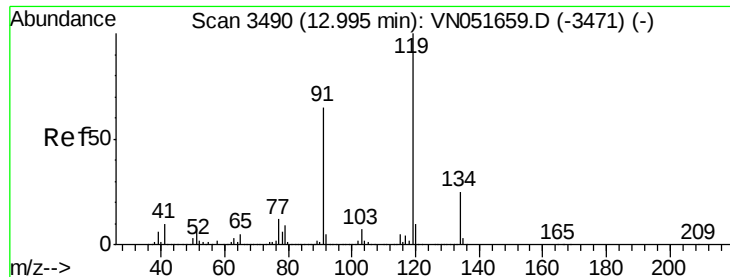
Tgt Ion: 91 Resp: 483722

Ion Ratio Lower Upper

91 100

126 36.5 18.0 54.0

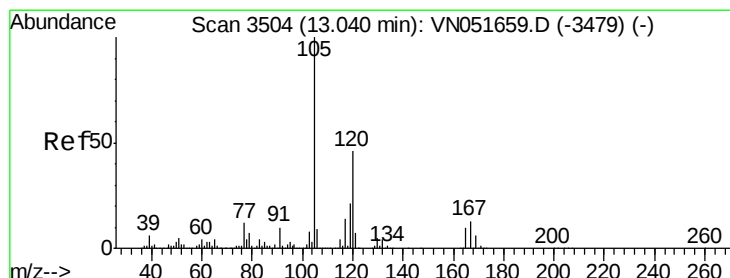
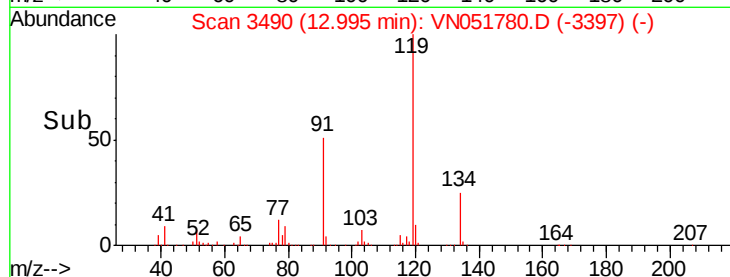
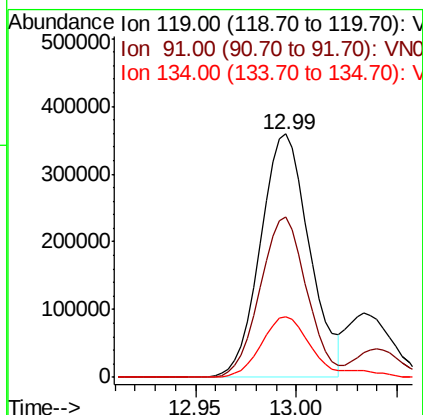
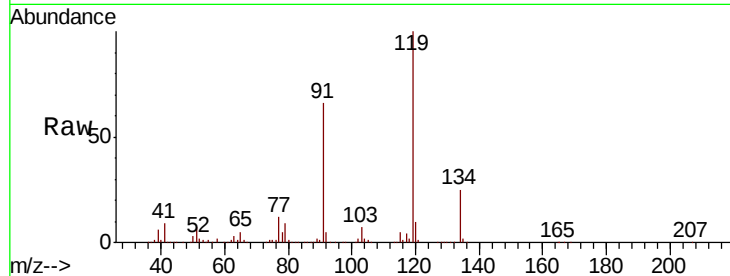




#83
 tert-Butylbenzene
 Concen: 785.810 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

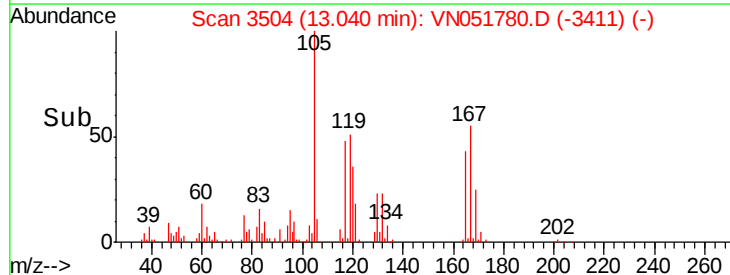
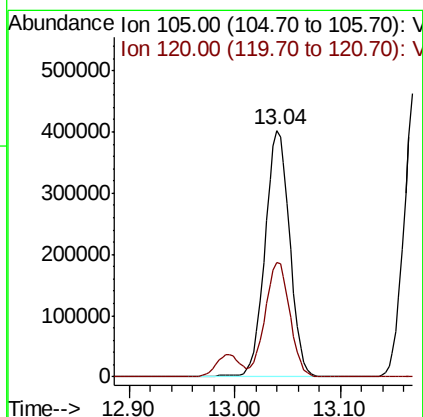
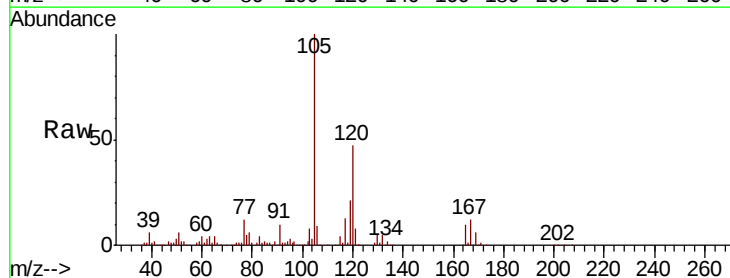
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

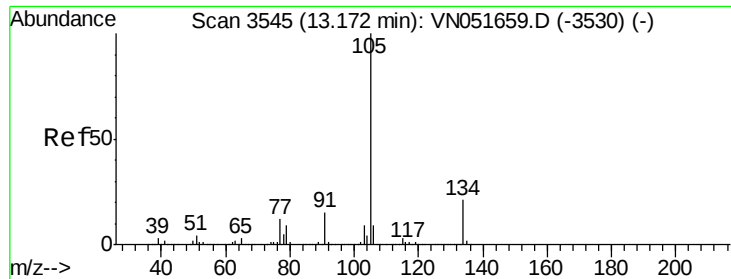
Tot Ion:119 Resp: 606944
 Ion Ratio Lower Upper
 119 100
 91 62.8 32.1 96.5
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 758.443 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion:105 Resp: 654845
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 775.602 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

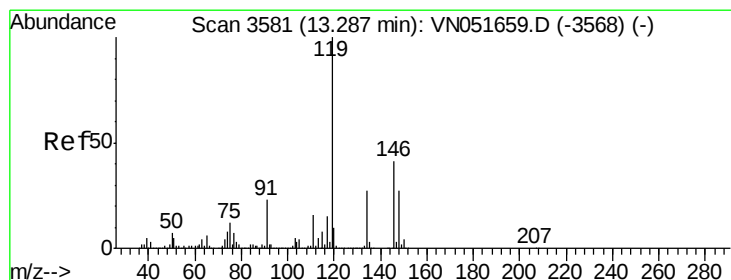
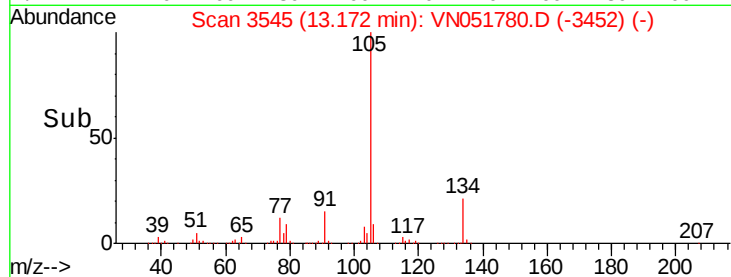
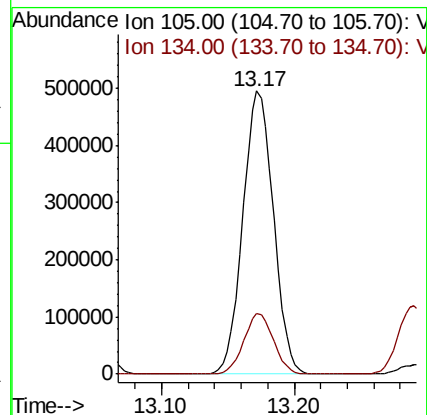
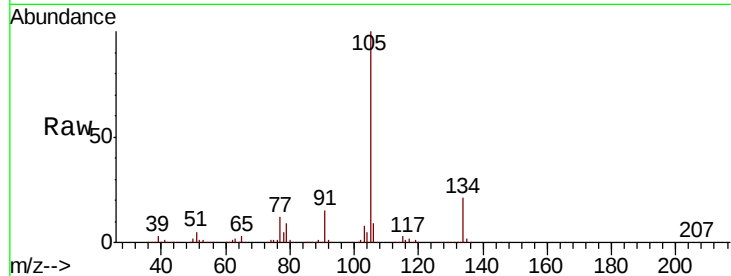
VN1010MBS01

Tot Ion:105 Resp: 792422

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.6



#86

p-Isopropyltoluene

Concen: 765.501 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

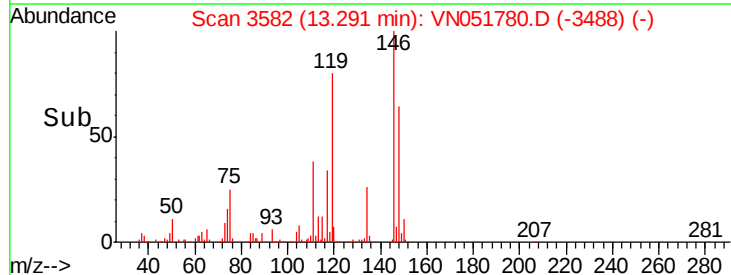
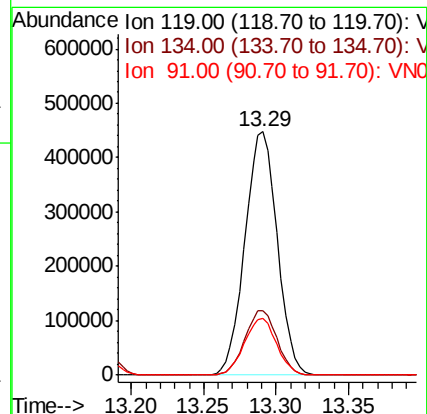
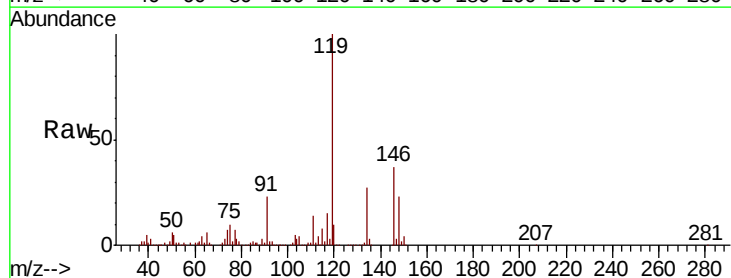
Tgt Ion:119 Resp: 693347

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 23.3 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 756.397 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

VN1010MBS01

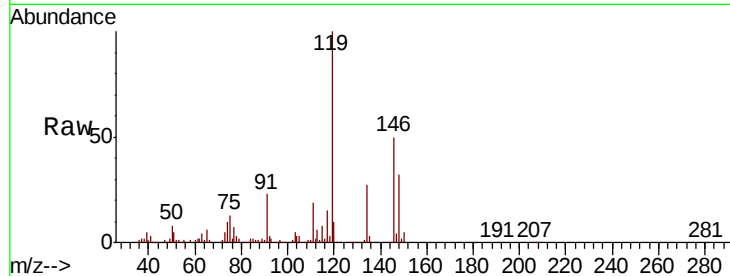
Tot Ion:146 Resp: 329634

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

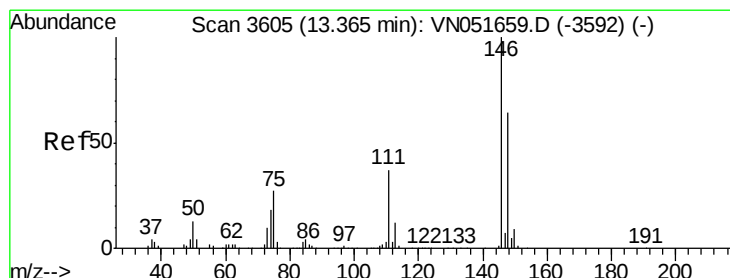
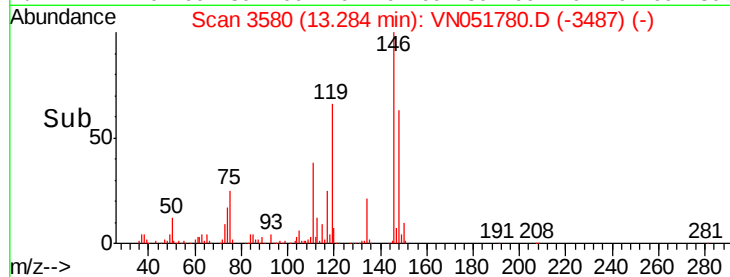
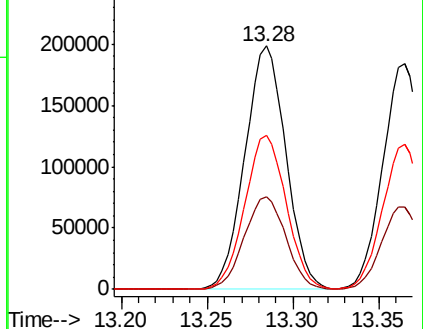
148 63.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 714.823 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

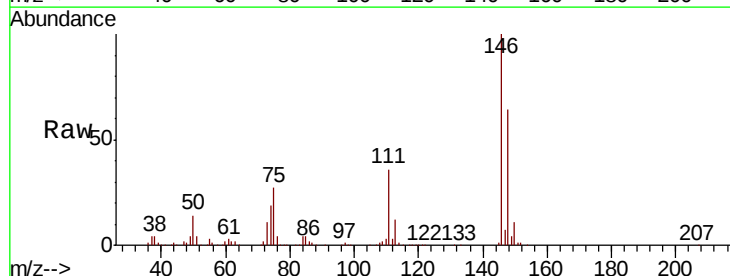
Tgt Ion:146 Resp: 306624

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

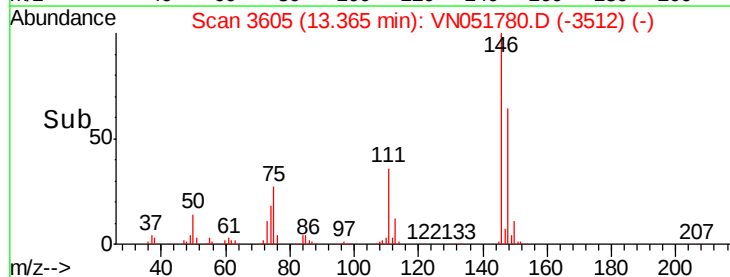
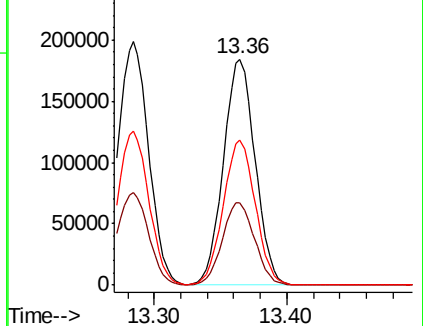
148 64.7 32.3 96.8

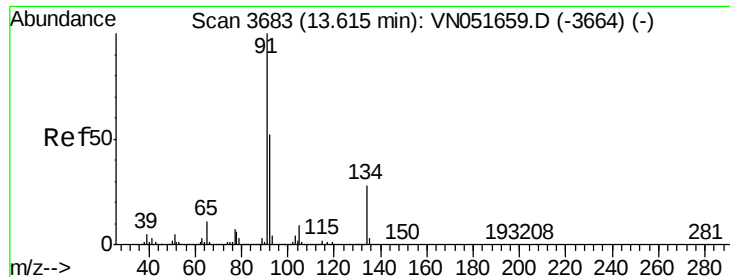


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 735.446 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

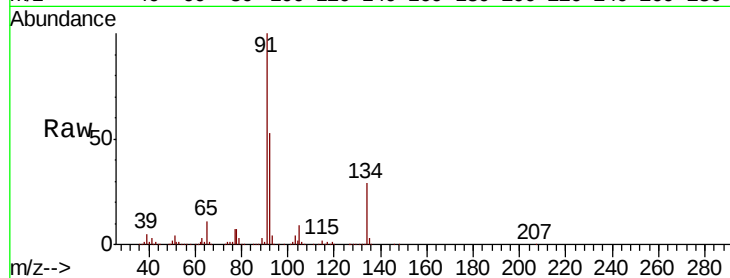
Tot Ion: 91 Resp: 526681

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 28.2 14.2 42.6

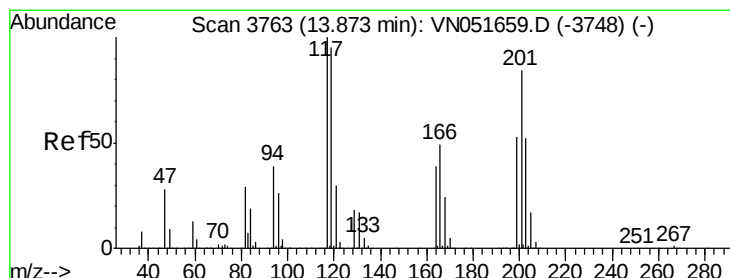
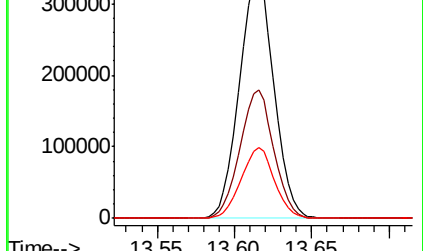
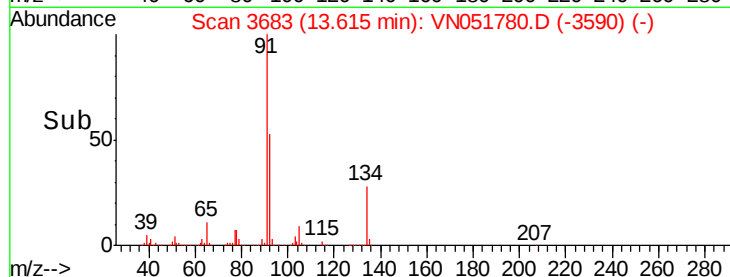


Abundance Ion 91.00 (90.70 to 91.70): VN051780.D (-3664) (-)

Ion 92.00 (91.70 to 92.70): VN051780.D (-3664) (-)

Ion 134.00 (133.70 to 134.70): VN051780.D (-3664) (-)

Time-->



#90

Hexachloroethane

Concen: 681.243 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051780.D

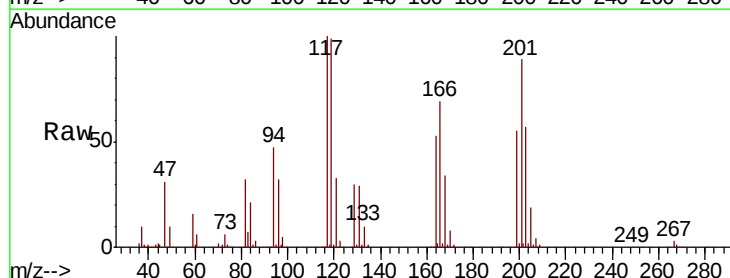
Acq: 10 Oct 2018 10:46

Tgt Ion: 117 Resp: 123108

Ion Ratio Lower Upper

117 100

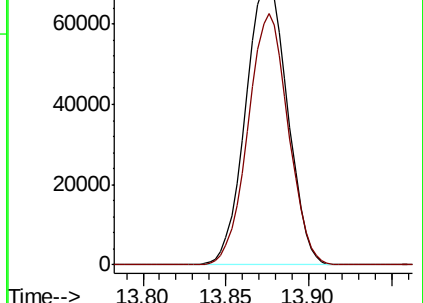
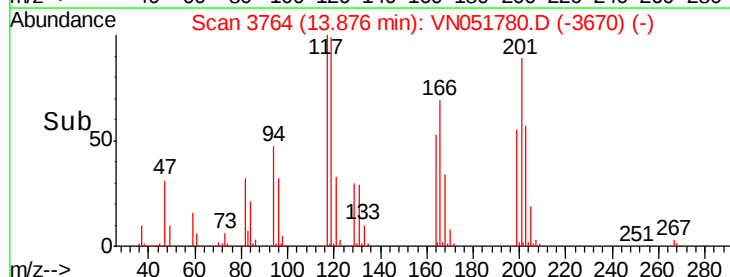
201 85.6 42.4 127.3

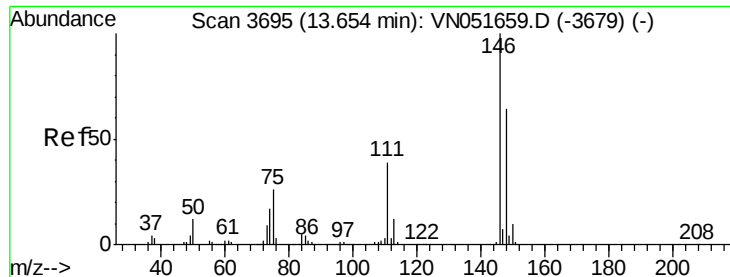


Abundance Ion 116.80 (116.50 to 117.50): VN051780.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051780.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 747.557 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

VN1010MBS01

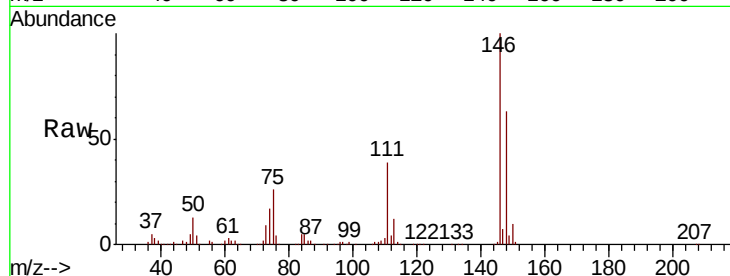
Tot Ion:146 Resp: 323862

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

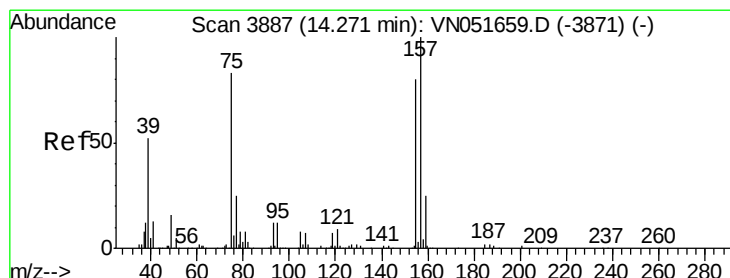
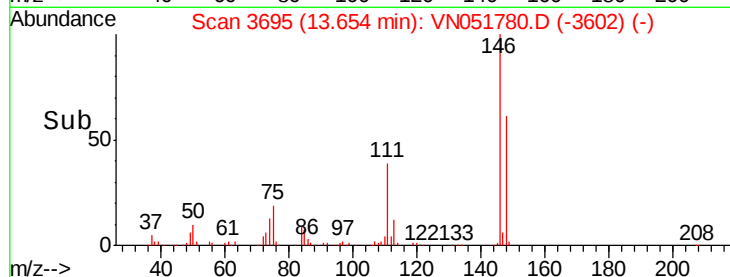
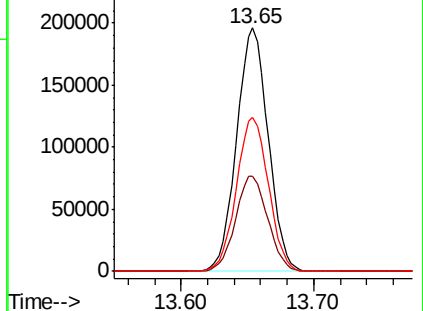
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 725.753 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

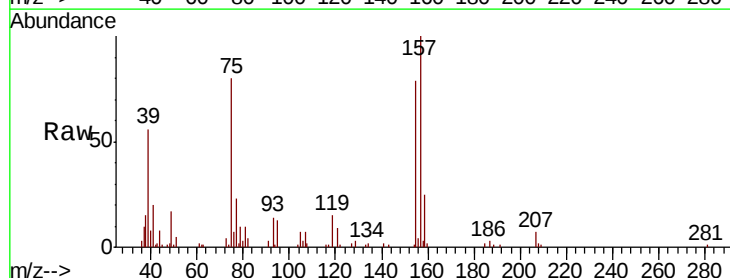
Tgt Ion: 75 Resp: 26077

Ion Ratio Lower Upper

75 100

155 99.1 47.6 142.9

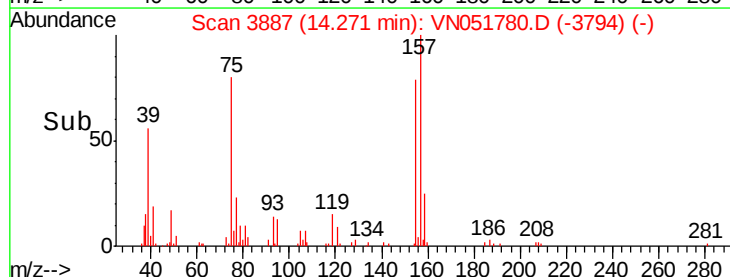
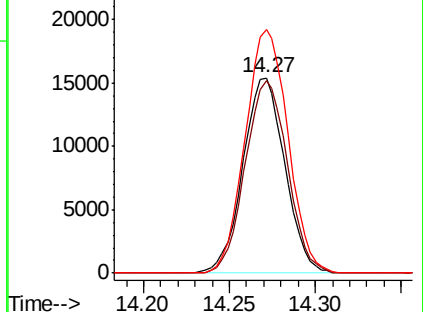
157 127.3 61.7 185.1

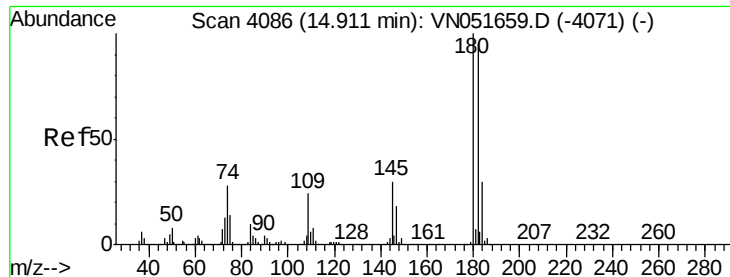


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

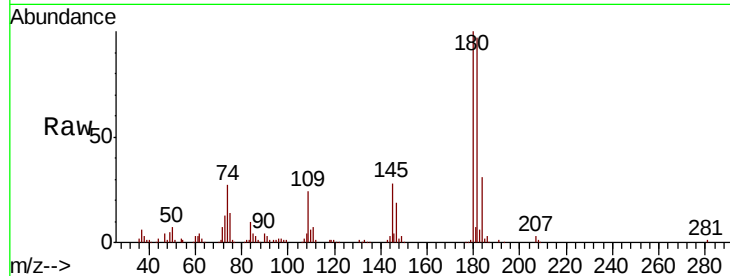




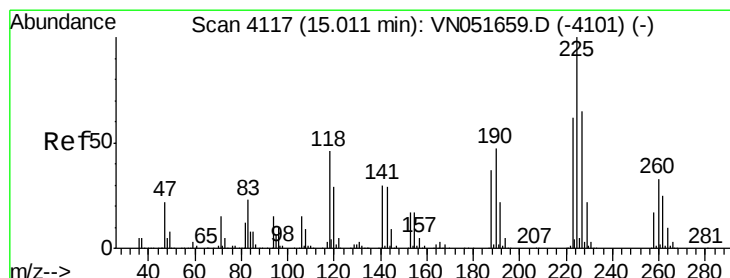
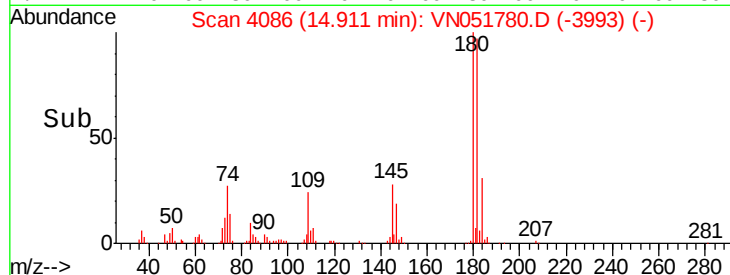
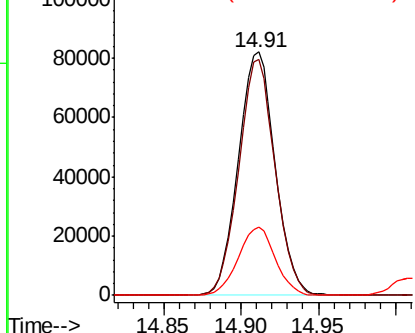
#93
 1,2,4-Trichlorobenzene
 Concen: 702.687 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Tot Ion:180 Resp: 135462
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.5 15.3 45.9

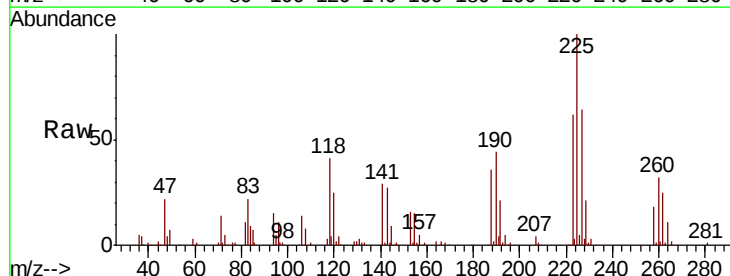


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

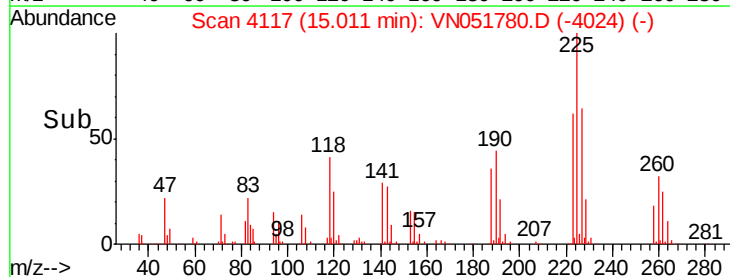
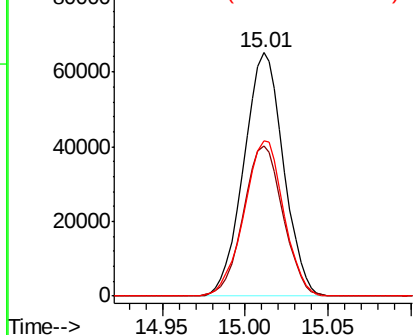


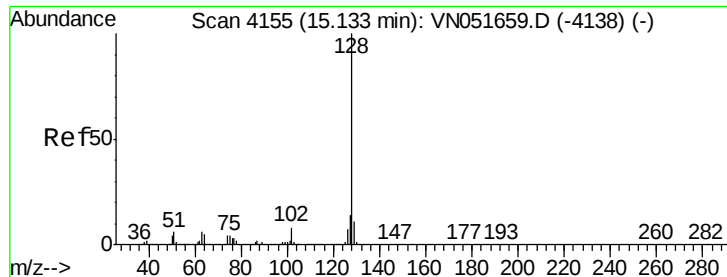
#94
 Hexachlorobutadiene
 Concen: 827.490 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051780.D
 Acq: 10 Oct 2018 10:46

Tgt Ion:225 Resp: 108233
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.9 95.5
 227 63.8 31.7 95.1



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: 652.994 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBS01

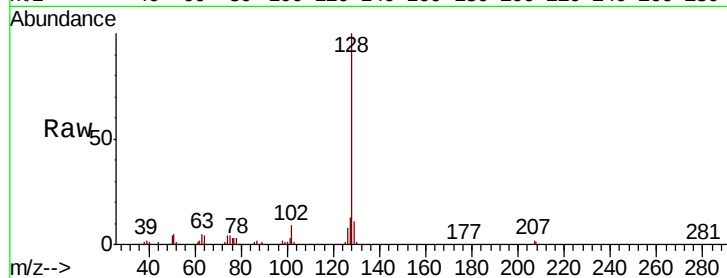
Tot Ion:128 Resp: 271839

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.2 9.0 13.6

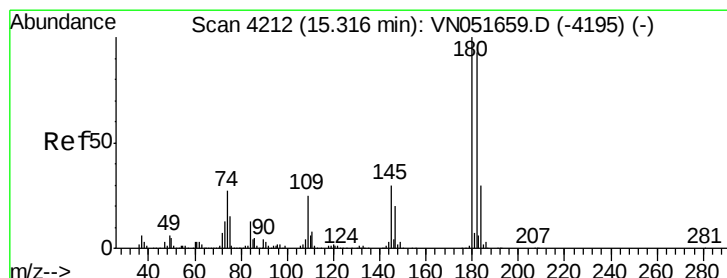
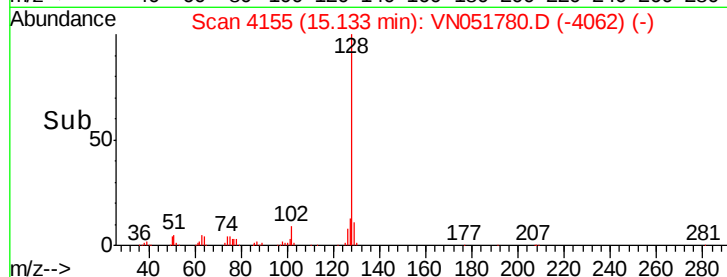
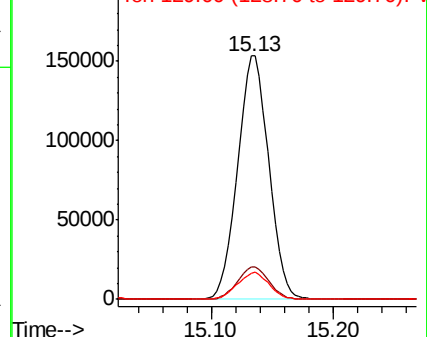


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 750.356 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051780.D

Acq: 10 Oct 2018 10:46

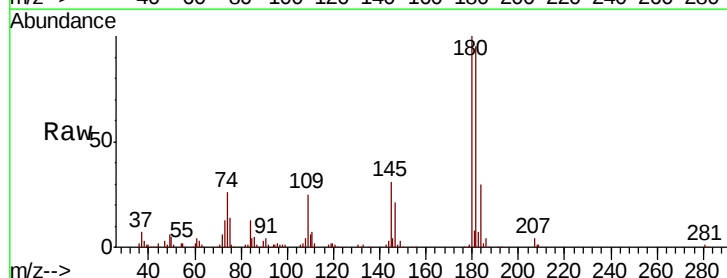
Tgt Ion:180 Resp: 142462

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 30.6 15.6 46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

