

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051781.D
 Acq On : 10 Oct 2018 11:11
 Operator : MD\SY
 Sample : VN1010WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Quant Time: Oct 11 01:53:35 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	623720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	934934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	420157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393921	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.59	113	364915	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.09	98	1339150	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	438777	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138047	18.440	ug/l	99
3) Chloromethane	2.06	50	125963	17.696	ug/l	98
4) Vinyl Chloride	2.18	62	190891	17.025	ug/l	99
5) Bromomethane	2.56	94	164390	19.065	ug/l	96
6) Chloroethane	2.70	64	133568	17.724	ug/l	98
7) Trichlorofluoromethane	3.01	101	208121	16.935	ug/l	97
8) Diethyl Ether	3.41	74	66196	20.259	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127870	20.518	ug/l	97
10) Methyl Iodide	3.95	142	148230	19.486	ug/l	99
11) Tert butyl alcohol	4.79	59	56081	100.149	ug/l	97
12) 1,1-Dichloroethene	3.74	96	113034	19.460	ug/l	90
13) Acrolein	3.61	56	19947	47.314	ug/l	97
14) Allyl chloride	4.33	41	144783	16.343	ug/l	96
15) Acrylonitrile	4.99	53	186987	96.766	ug/l	97
16) Acetone	3.82	43	142283	91.115	ug/l	98
17) Carbon Disulfide	4.05	76	280372	15.880	ug/l	99
18) Methyl Acetate	4.33	43	94378	20.752	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	364752	19.025	ug/l	97
20) Methylene Chloride	4.55	84	132840	19.595	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	126633	18.398	ug/l	96
22) Diisopropyl ether	5.96	45	331996	17.482	ug/l	98
23) Vinyl Acetate	5.90	43	1190900	85.287	ug/l	98
24) 1,1-Dichloroethane	5.85	63	222471	18.215	ug/l	98
25) 2-Butanone	6.84	43	217715	91.504	ug/l	96
26) 2,2-Dichloropropane	6.83	77	223317	18.246	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	154627	19.352	ug/l	94
28) Bromochloromethane	7.20	49	96623	17.870	ug/l	86
29) Tetrahydrofuran	7.22	42	142974	97.921	ug/l	95
30) Chloroform	7.37	83	263581	19.208	ug/l	99
31) Cyclohexane	7.66	56	191691	17.138	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	247065	18.575	ug/l	98
36) 1,1-Dichloropropene	7.80	75	183075	18.734	ug/l	99
37) Ethyl Acetate	6.93	43	98642	19.354	ug/l	98
38) Carbon Tetrachloride	7.78	117	217893	18.582	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	226254	18.444	ug/l	96
40) Benzene	8.04	78	551309	19.030	ug/l	97
41) Methacrylonitrile	7.18	41	48842	18.410	ug/l	95
42) 1,2-Dichloroethane	8.13	62	186740	19.127	ug/l	99
43) Isopropyl Acetate	8.17	43	200762	18.893	ug/l #	87
44) Trichloroethene	8.84	130	164322	19.977	ug/l	100
45) 1,2-Dichloropropane	9.12	63	134049	18.715	ug/l	98
46) Dibromomethane	9.21	93	97411	19.566	ug/l	96
47) Bromodichloromethane	9.40	83	203075	18.529	ug/l	98
48) Methyl methacrylate	9.20	41	92650	19.081	ug/l	98
49) 1,4-Dioxane	9.20	88	30745	422.268	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	523198	97.164	ug/l	99
52) Toluene	10.16	92	369270	19.165	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196076	17.338	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	211574	17.618	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	136717	19.918	ug/l	98
56) Ethyl methacrylate	10.43	69	166965	19.235	ug/l	97
57) 1,3-Dichloropropane	10.71	76	212809	19.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	339804	94.589	ug/l	97
59) 2-Hexanone	10.75	43	338373	92.530	ug/l	100
60) Dibromochloromethane	10.90	129	164036	18.262	ug/l	99
61) 1,2-Dibromoethane	11.01	107	142156	19.591	ug/l	100
64) Tetrachloroethene	10.63	164	162577	21.693	ug/l	97
65) Chlorobenzene	11.43	112	422588	20.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	162026	19.234	ug/l	100
67) Ethyl Benzene	11.51	91	698595	19.211	ug/l	99
68) m/p-Xylenes	11.62	106	559511	38.454	ug/l	100
69) o-Xylene	11.95	106	282806	19.819	ug/l	97
70) Styrene	11.96	104	424293	18.660	ug/l	99
71) Bromoform	12.13	173	107274	17.120	ug/l #	99
73) Isopropylbenzene	12.25	105	749863	20.937	ug/l	99
74) N-amyl acetate	12.07	43	151084	18.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162849	21.223	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	195703	36.368	ug/l #	100
77) Bromobenzene	12.53	156	182850	20.880	ug/l	97
78) n-propylbenzene	12.59	91	795160	20.355	ug/l	98
79) 2-Chlorotoluene	12.68	91	474763	20.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	612269	20.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39639	17.342	ug/l	94
82) 4-Chlorotoluene	12.77	91	459678	19.875	ug/l	98
83) tert-Butylbenzene	12.99	119	574218	21.231	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	612635	20.264	ug/l	99
85) sec-Butylbenzene	13.17	105	734883	20.542	ug/l	100
86) p-Isopropyltoluene	13.29	119	648413	20.445	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	315419	20.670	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	302897	20.166	ug/l	99
89) n-Butylbenzene	13.62	91	488992	19.500	ug/l	99
90) Hexachloroethane	13.88	117	116045	18.339	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	315419	20.792	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25366	20.161	ug/l	99

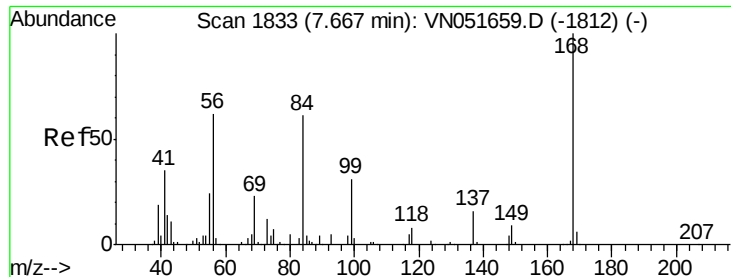
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132532	19.634	ug/l	98
94) Hexachlorobutadiene	15.01	225	98004	21.398	ug/l	98
95) Naphthalene	15.14	128	279784	19.193	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	136713	20.564	ug/l	97

(#) = 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: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

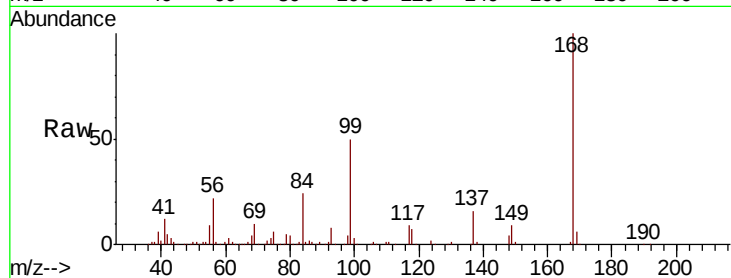
VN1010WBS01

Tot Ion:168 Resp: 623720

Ion Ratio Lower Upper

168 100

99 50.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051781.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051781.D (-1740) (-)

7.67

250000

200000

150000

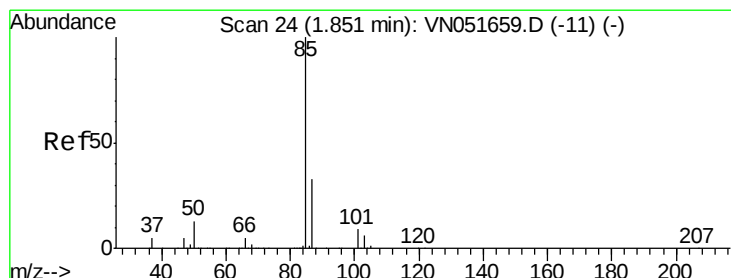
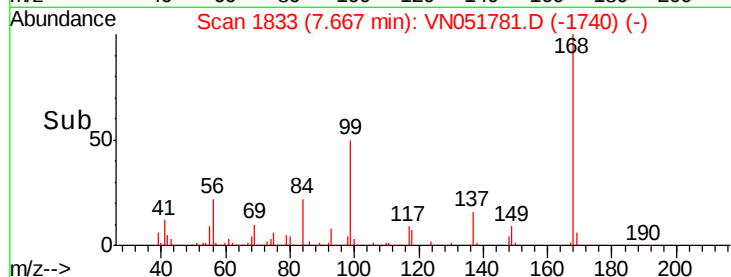
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.440 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051781.D

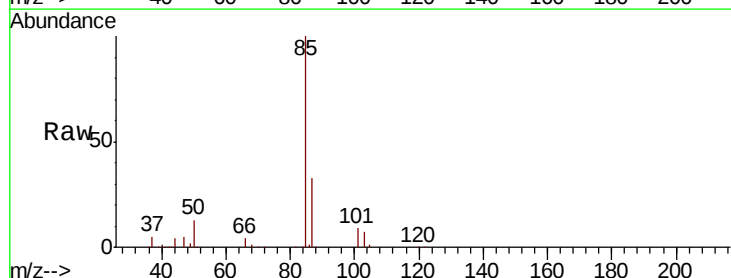
Acq: 10 Oct 2018 11:11

Tgt Ion: 85 Resp: 138047

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN051781.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN051781.D (-1) (-)

1.85

100000

80000

60000

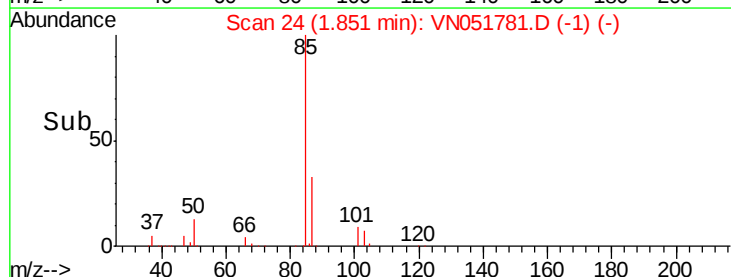
40000

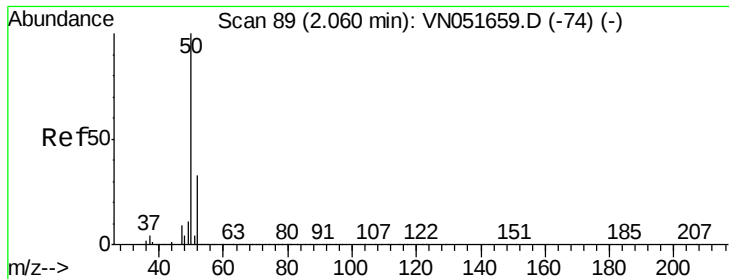
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.696 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

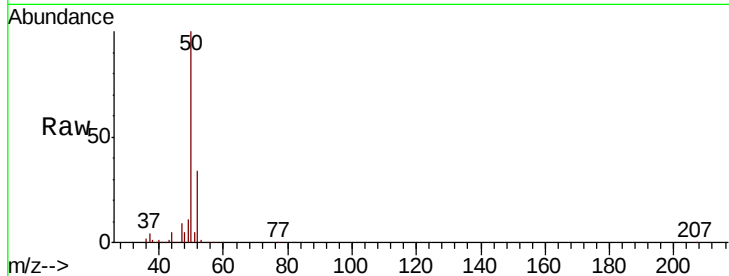
VN1010WBS01

Tot Ion: 50 Resp: 125963

Ion Ratio Lower Upper

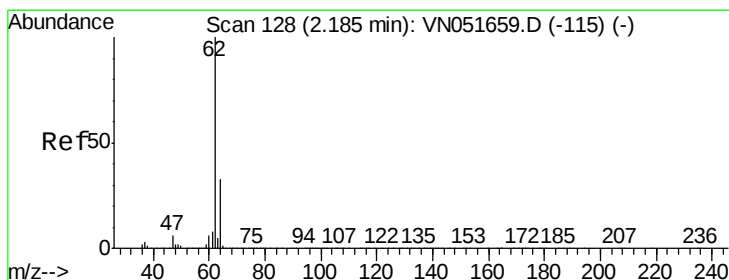
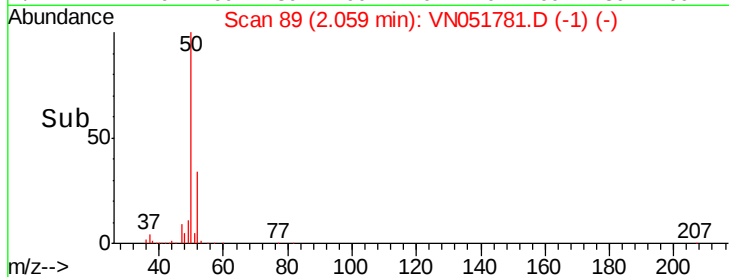
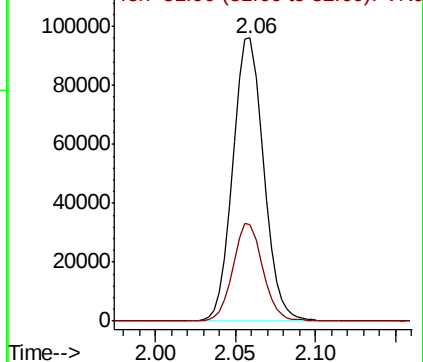
50 100

52 34.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.025 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051781.D

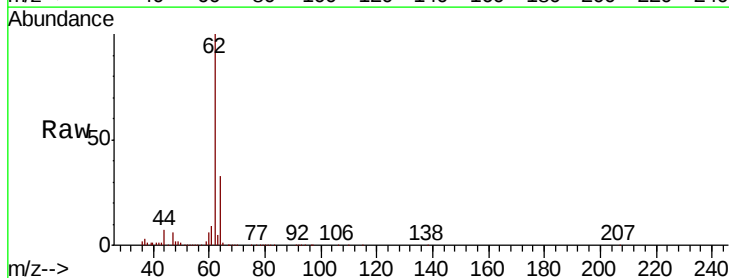
Acq: 10 Oct 2018 11:11

Tgt Ion: 62 Resp: 190891

Ion Ratio Lower Upper

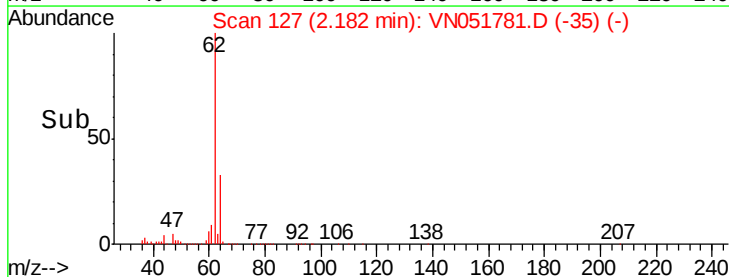
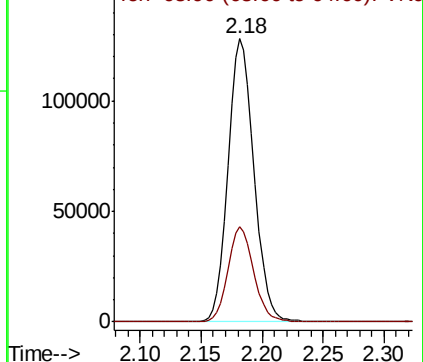
62 100

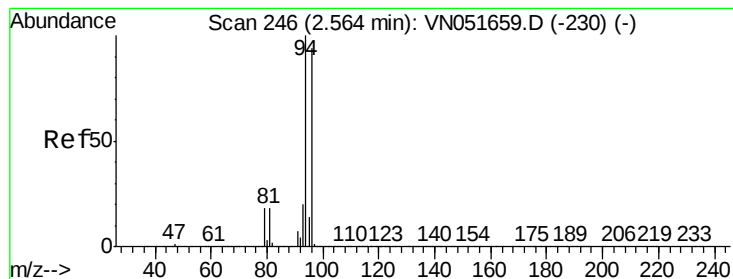
64 33.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.065 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

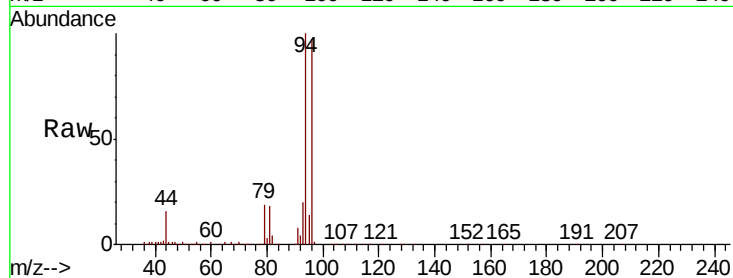
VN1010WBS01

Tot Ion: 94 Resp: 164390

Ion Ratio Lower Upper

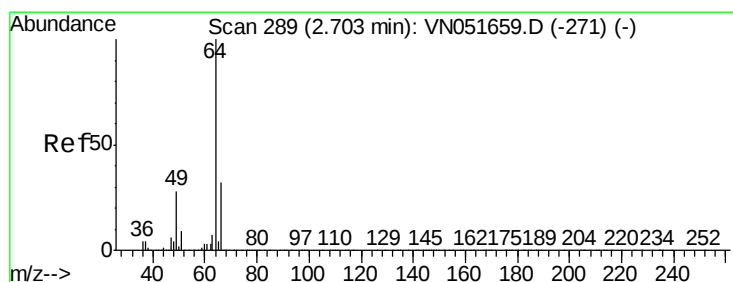
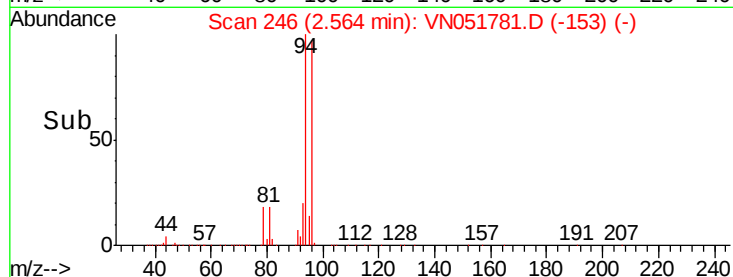
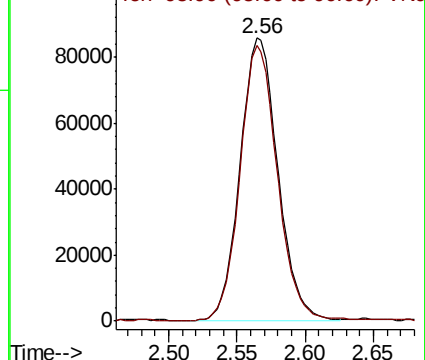
94 100

96 97.4 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: 17.724 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051781.D

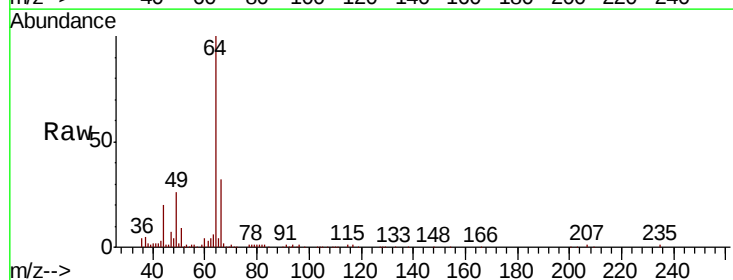
Acq: 10 Oct 2018 11:11

Tgt Ion: 64 Resp: 133568

Ion Ratio Lower Upper

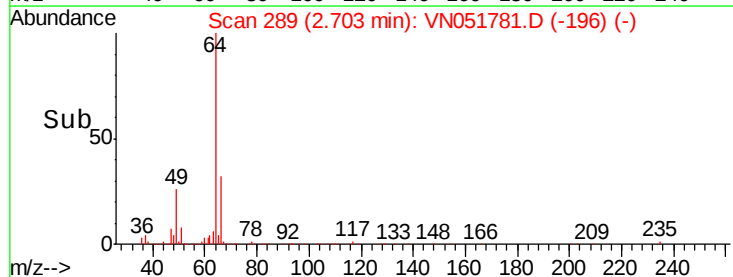
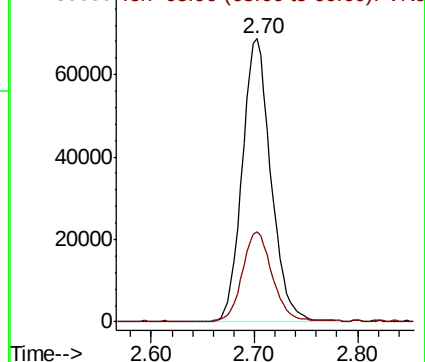
64 100

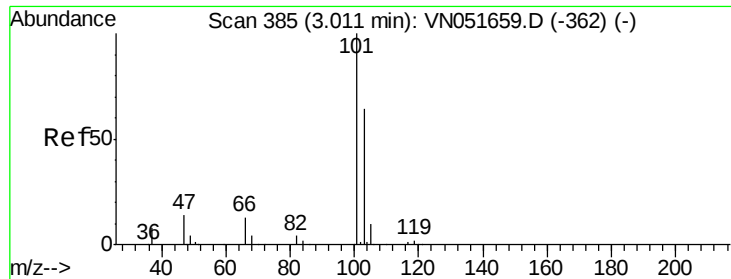
66 31.6 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



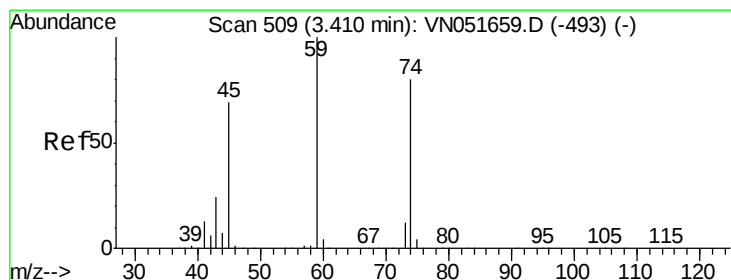
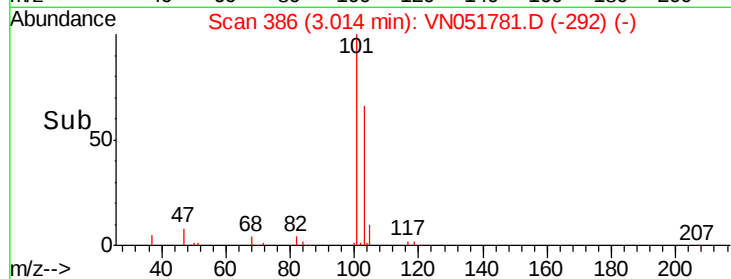
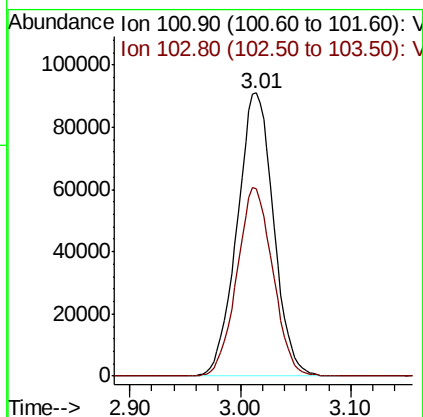
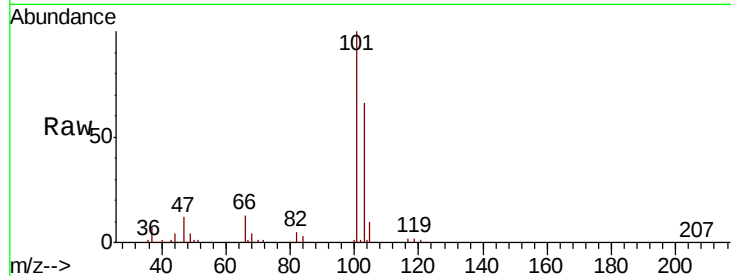


#7

Trichlorofluoromethane
 Concen: 16.935 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Instrument :
 MSVOA_N
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 VN1010WBS01

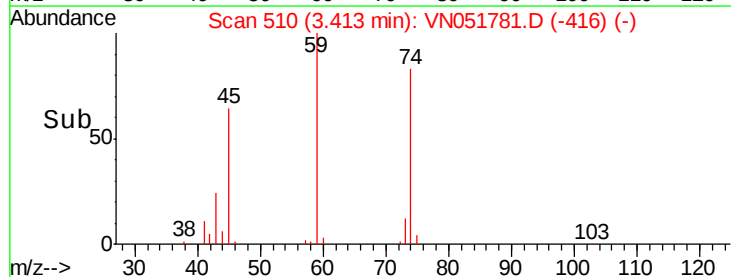
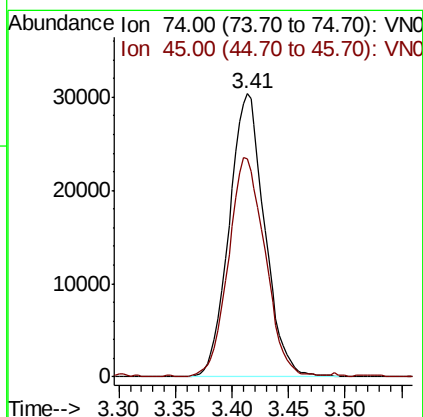
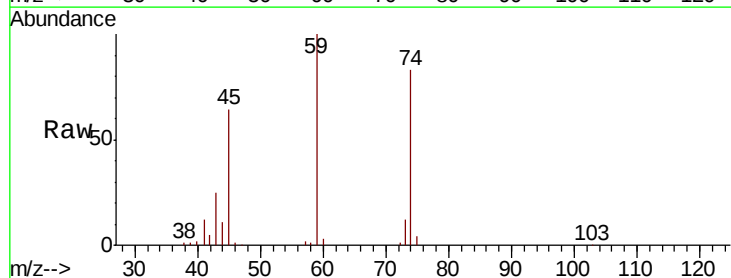
Tot Ion:101 Resp: 208121
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.1 76.7

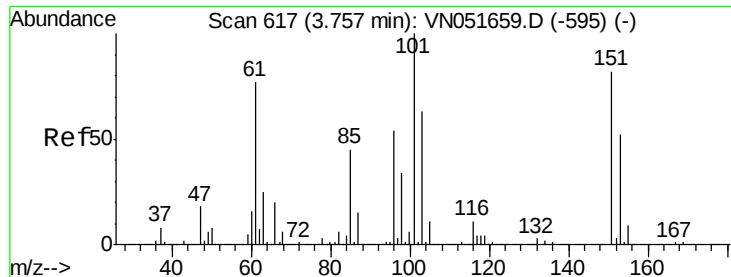


#8

Diethyl Ether
 Concen: 20.259 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 74 Resp: 66196
 Ion Ratio Lower Upper
 74 100
 45 80.2 44.3 132.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.518 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

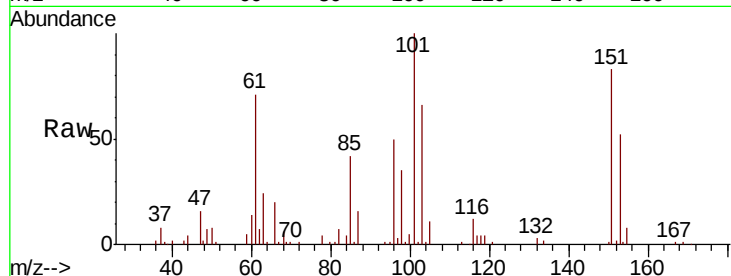
Tot Ion:101 Resp: 127870

Ion Ratio Lower Upper

101 100

85 42.0 35.6 53.4

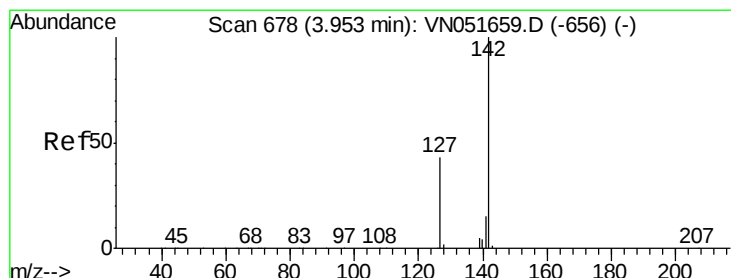
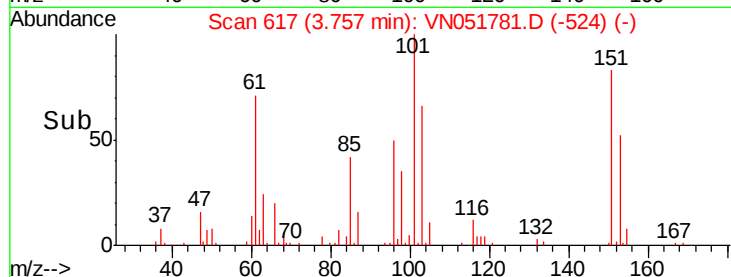
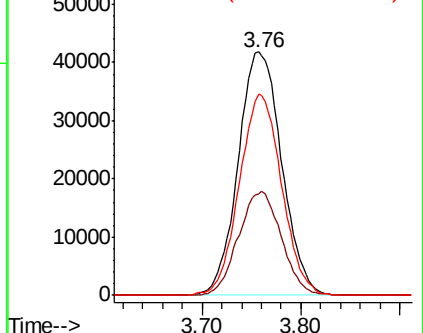
151 80.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.486 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

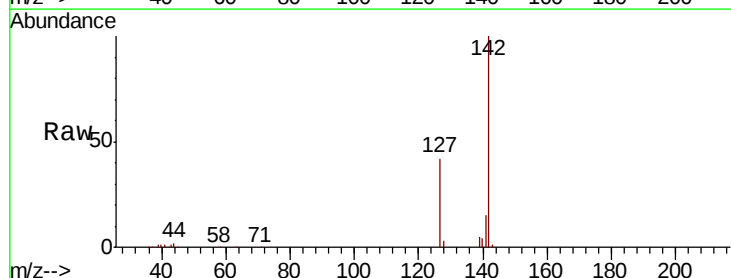
Tgt Ion:142 Resp: 148230

Ion Ratio Lower Upper

142 100

127 43.9 34.7 52.1

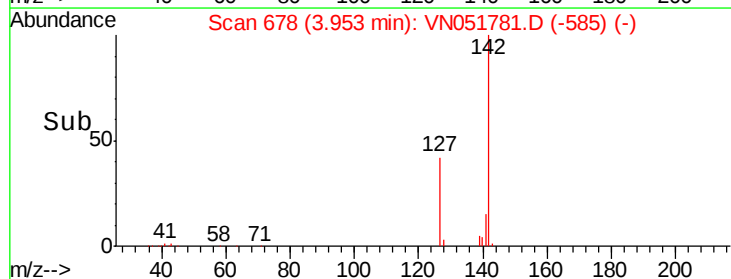
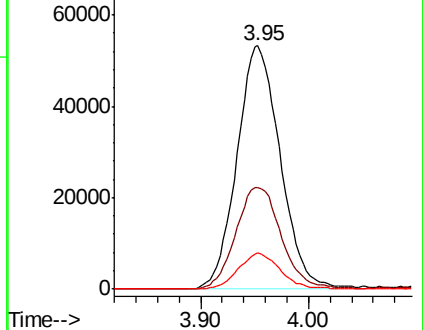
141 14.1 11.4 17.2

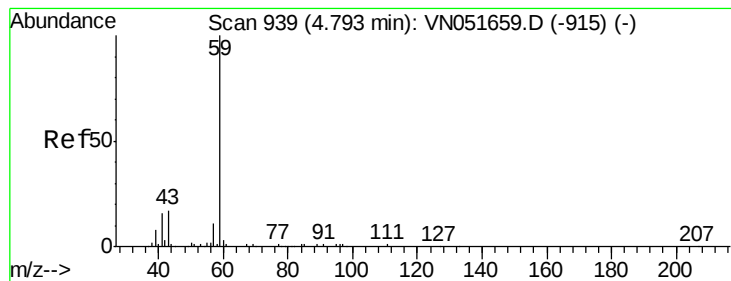


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



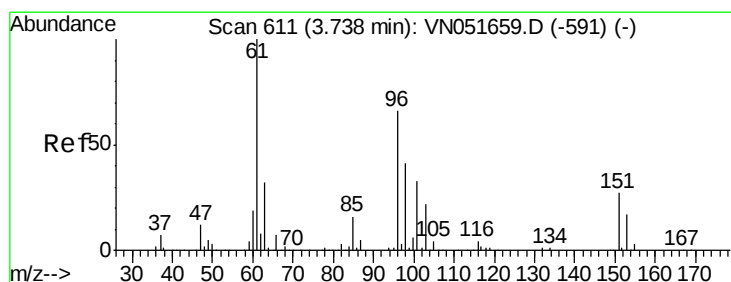
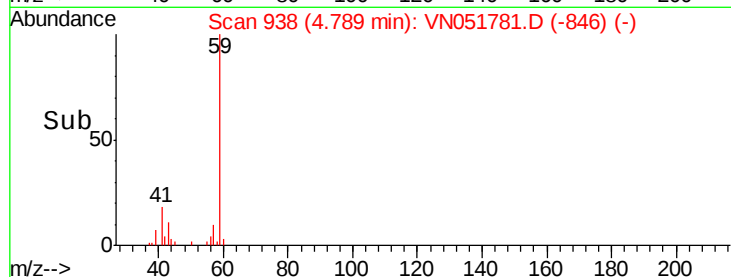
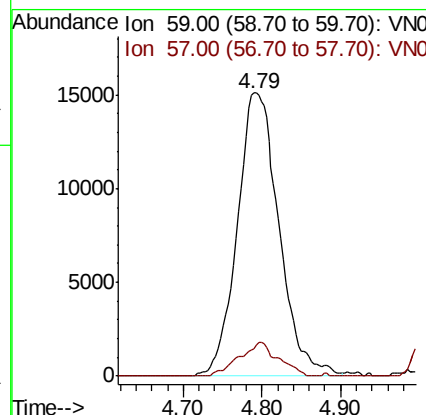
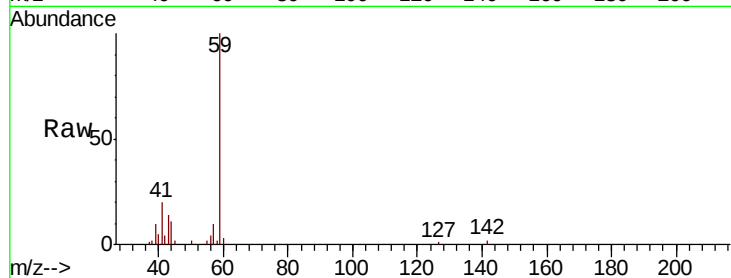


#11

Tert butyl alcohol
 Concen: 100.149 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

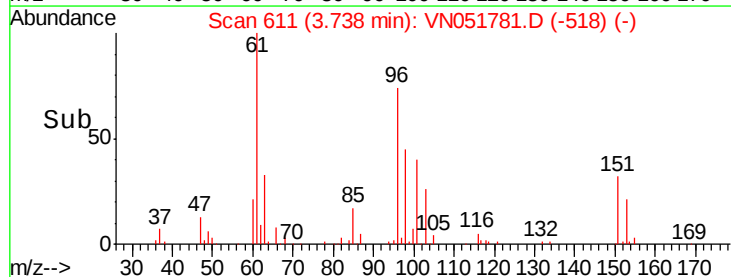
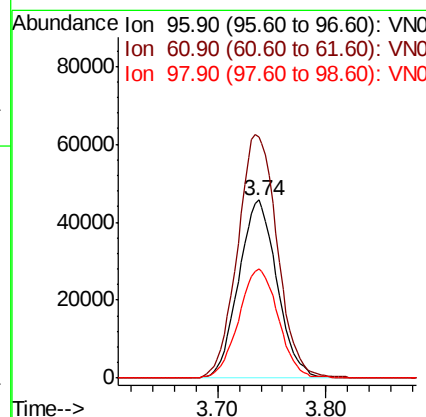
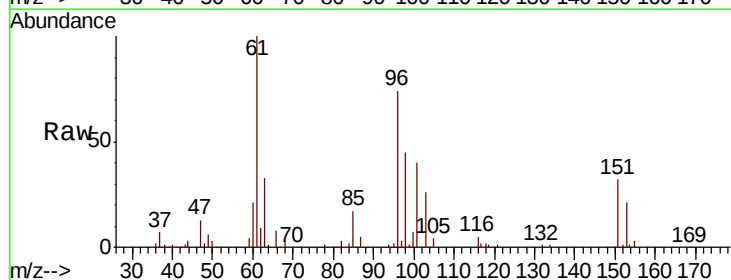
Tot Ion: 59 Resp: 56081
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.1 12.1



#12

1,1-Dichloroethene
 Concen: 19.460 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 96 Resp: 113034
 Ion Ratio Lower Upper
 96 100
 61 135.0 121.4 182.0
 98 61.2 49.9 74.9

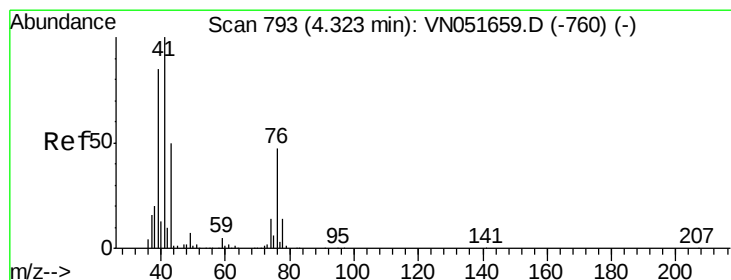
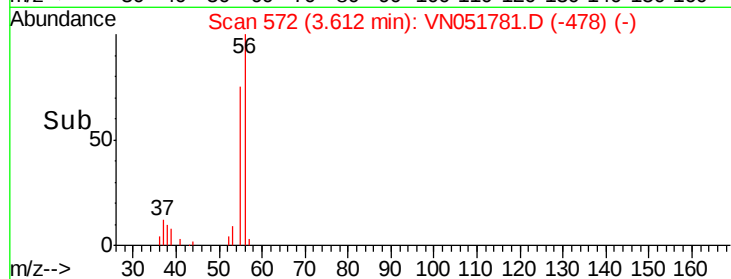
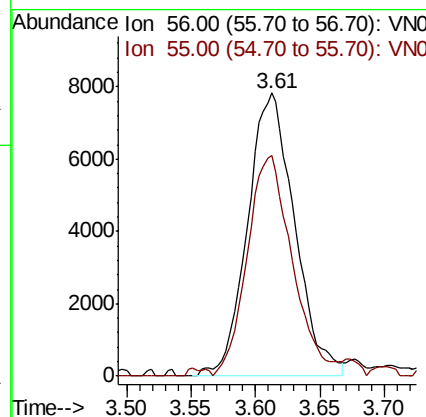
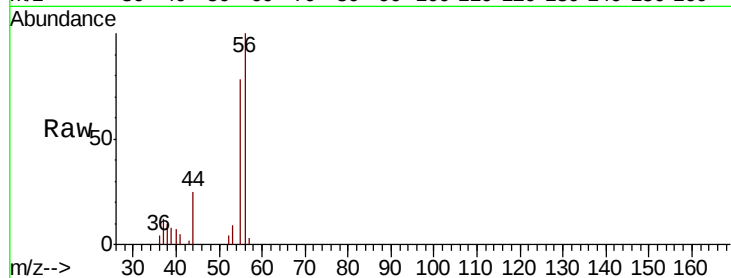




#13
Acrolein
Concen: 47.314 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

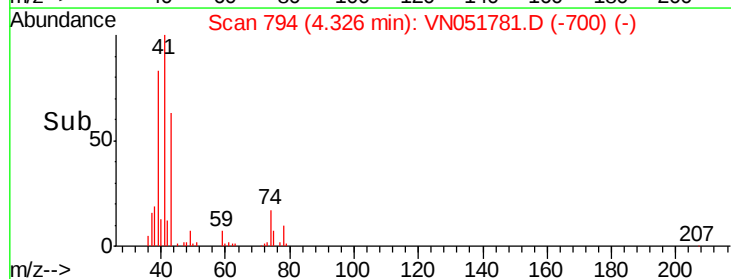
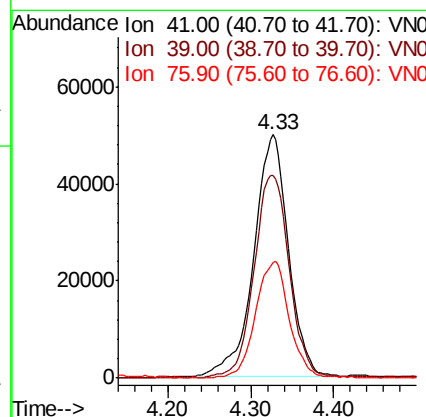
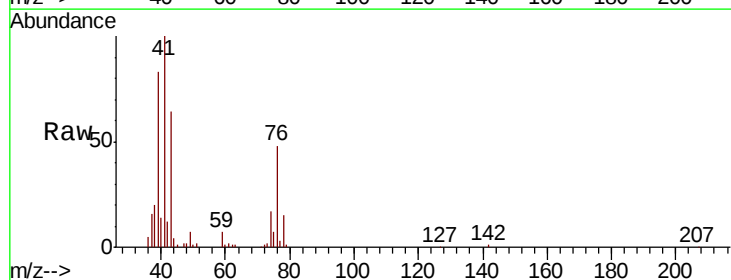
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

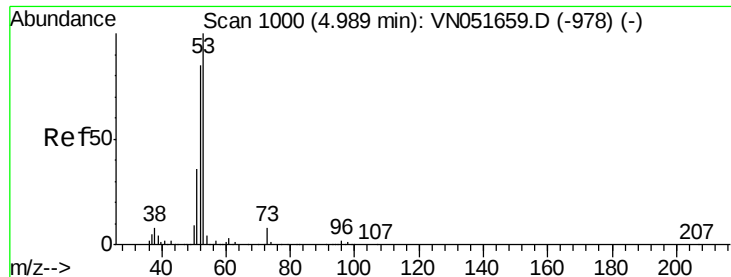
Tot Ion: 56 Resp: 19947
Ion Ratio Lower Upper
56 100
55 74.5 57.5 86.3



#14
Allyl chloride
Concen: 16.343 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 41 Resp: 144783
Ion Ratio Lower Upper
41 100
39 84.6 65.4 98.0
76 46.9 34.3 51.5





#15

Acrylonitrile

Concen: 96.766 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

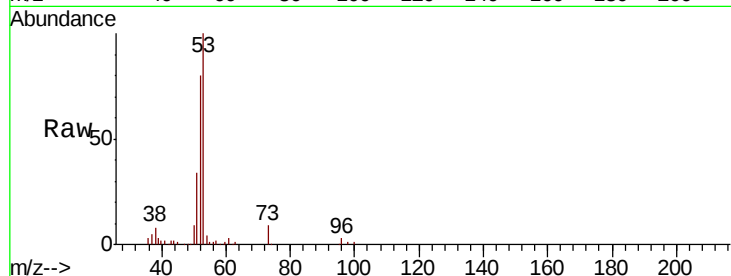
Tot Ion: 53 Resp: 186987

Ion Ratio Lower Upper

53 100

52 80.5 66.2 99.2

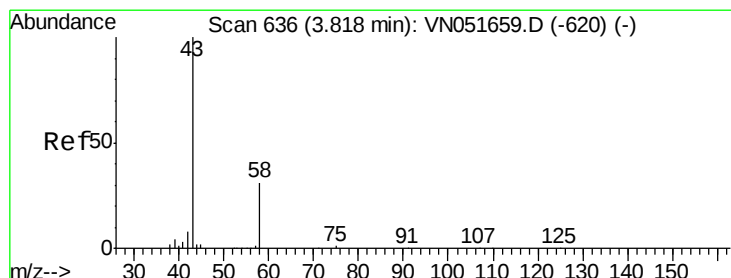
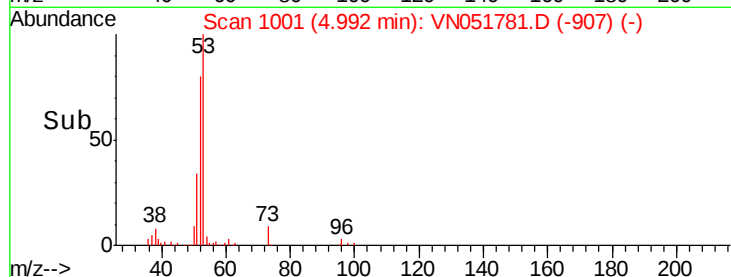
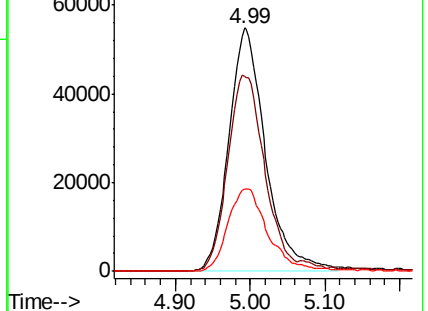
51 36.3 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 91.115 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051781.D

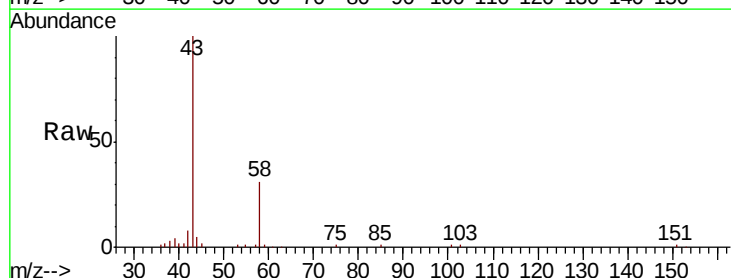
Acq: 10 Oct 2018 11:11

Tgt Ion: 43 Resp: 142283

Ion Ratio Lower Upper

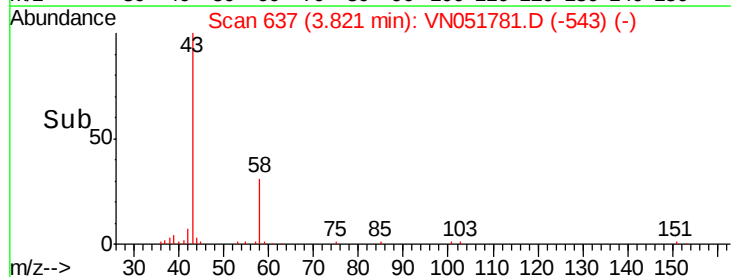
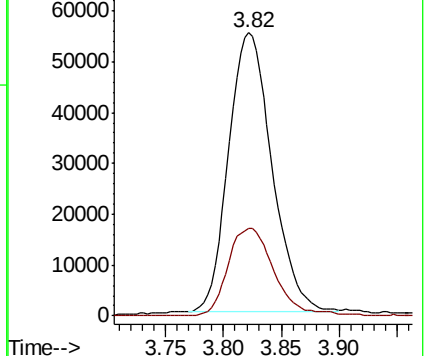
43 100

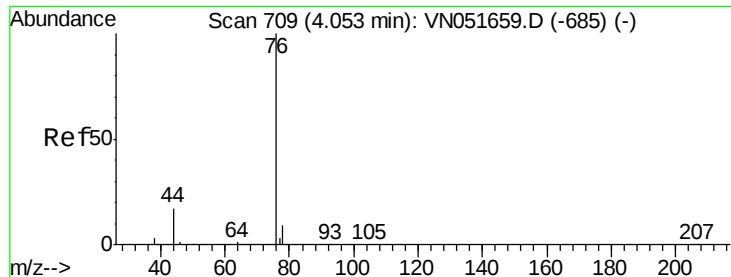
58 31.3 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

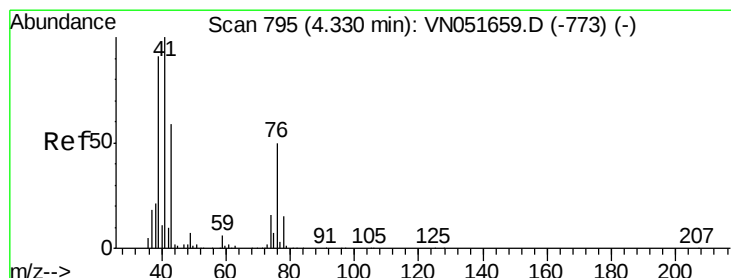
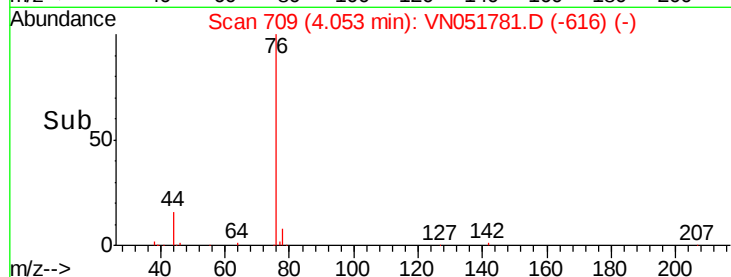
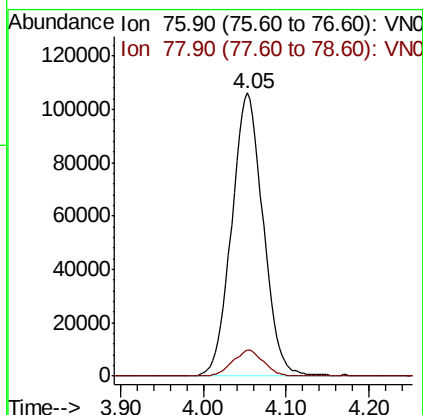
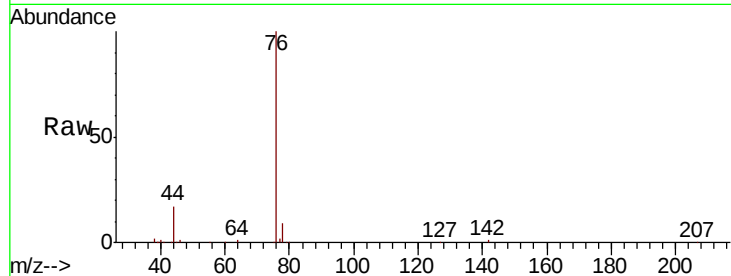




#17
Carbon Disulfide
Concen: 15.880 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

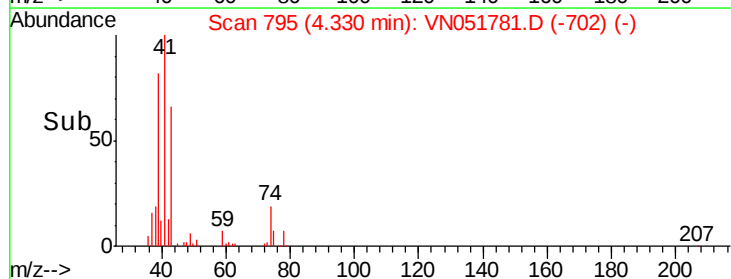
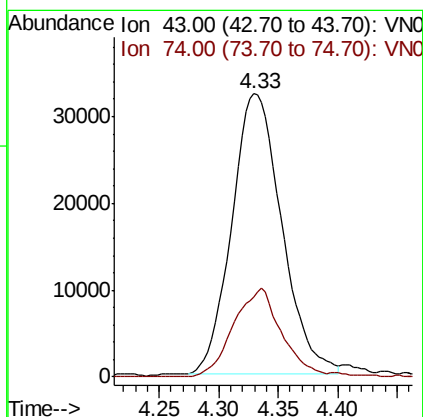
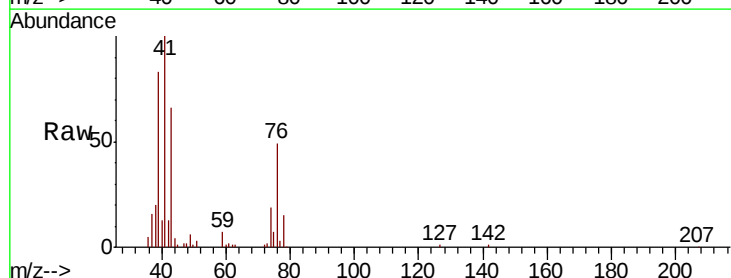
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

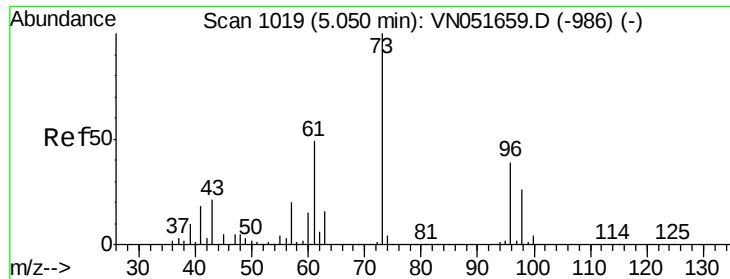
Tot Ion: 76 Resp: 280372
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 20.752 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 43 Resp: 94378
Ion Ratio Lower Upper
43 100
74 29.9 21.5 32.3

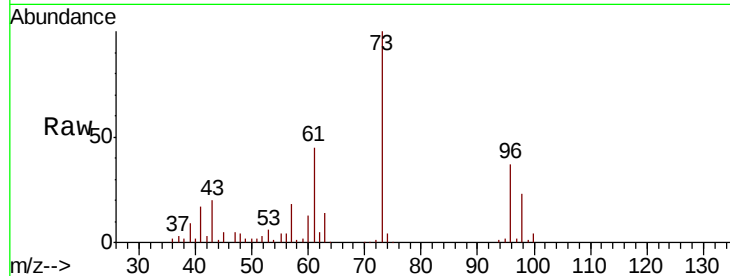




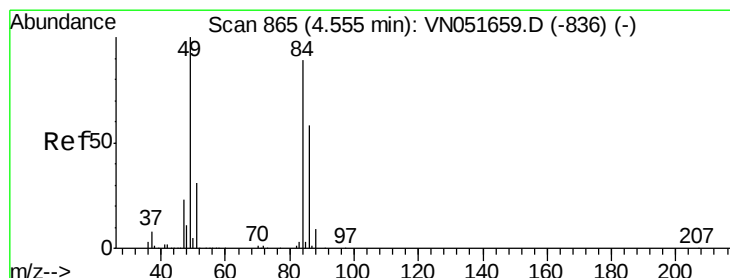
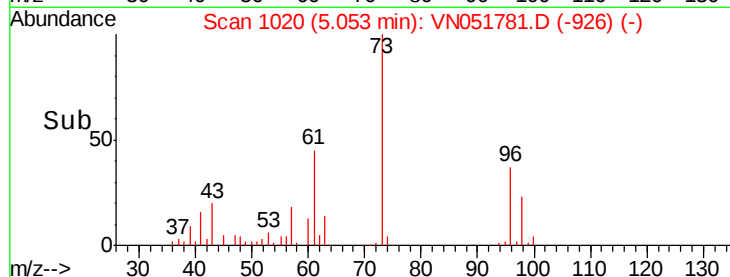
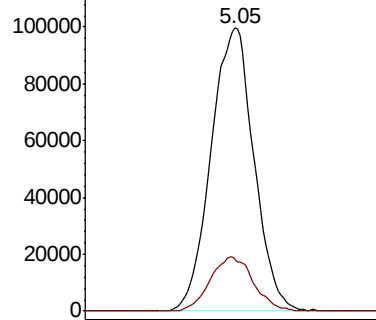
#19
Methvl tert-butvl Ether
Concen: 19.025 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampled :
VN1010WBS01

Tot Ion: 73 Resp: 364752
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4

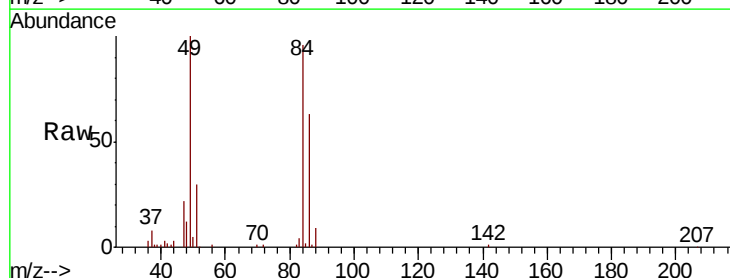


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

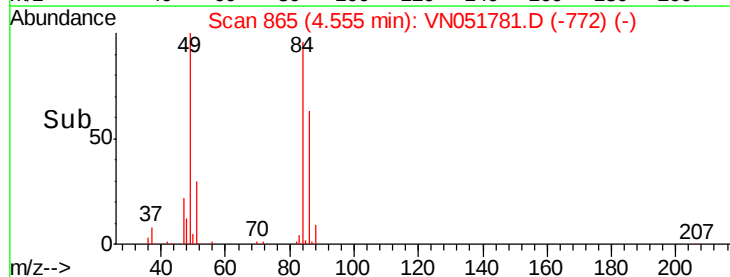
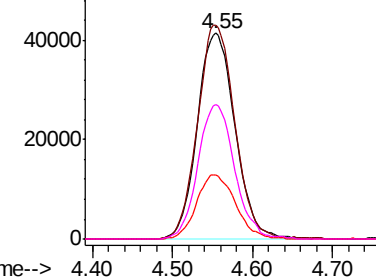


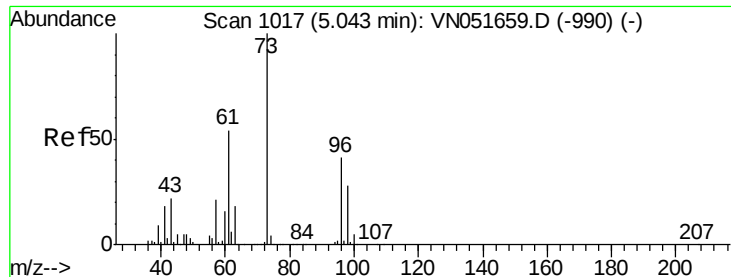
#20
Methylene Chloride
Concen: 19.595 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 84 Resp: 132840
Ion Ratio Lower Upper
84 100
49 103.9 89.5 134.3
51 31.4 27.4 41.0
86 65.6 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

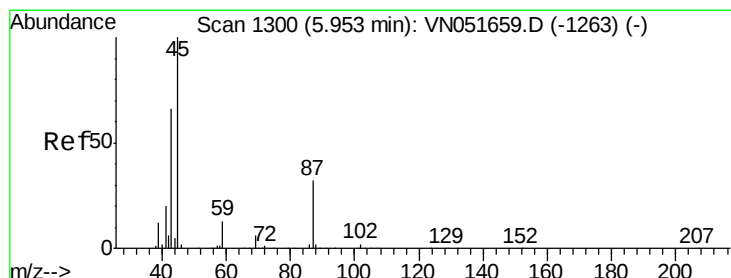
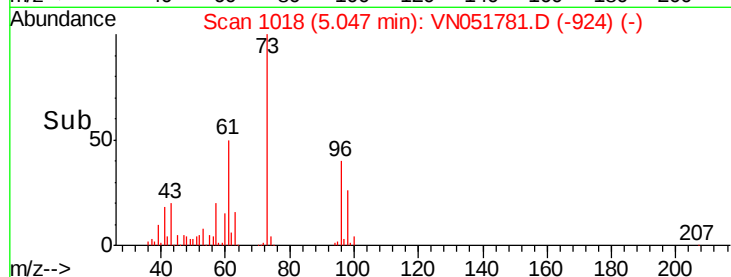
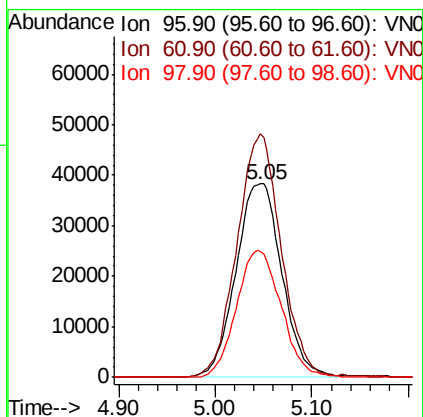
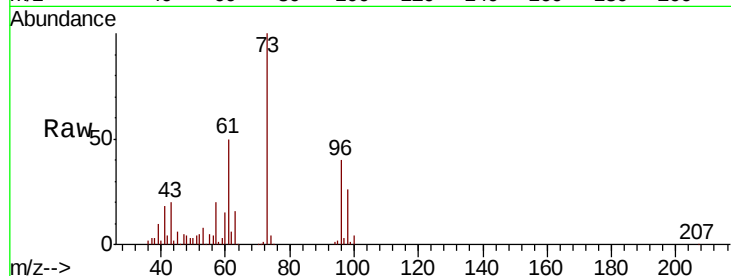




#21
trans-1,2-Dichloroethene
Concen: 18.398 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

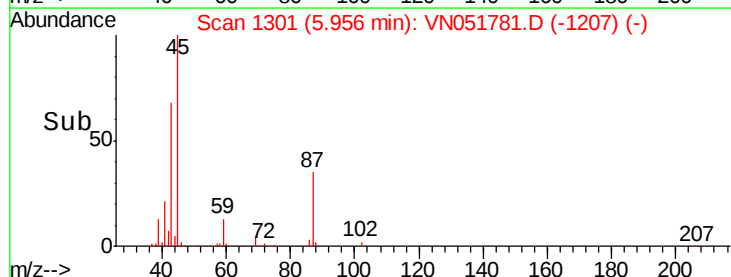
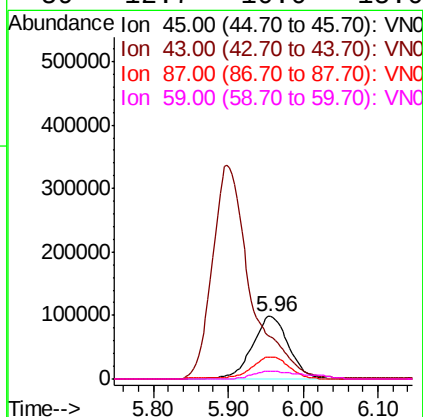
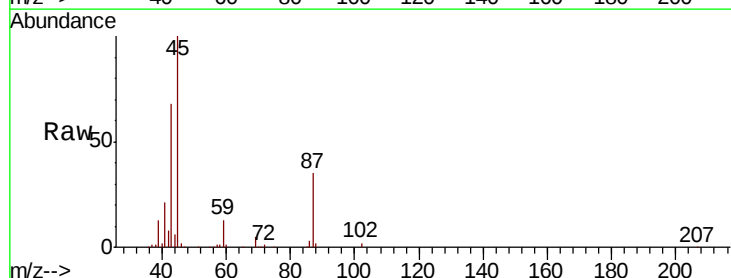
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

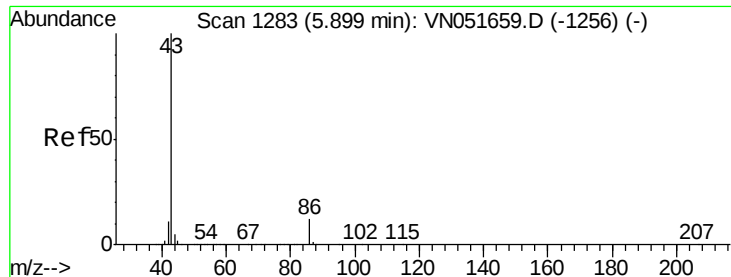
Tot Ion: 96 Resp: 126633
Ion Ratio Lower Upper
96 100
61 125.7 104.7 157.1
98 65.3 54.6 82.0



#22
Diisopropyl ether
Concen: 17.482 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 45 Resp: 331996
Ion Ratio Lower Upper
45 100
43 64.7 53.0 79.4
87 34.7 26.4 39.6
59 12.7 10.0 15.0





#23

Vinyl Acetate

Concen: 85.287 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

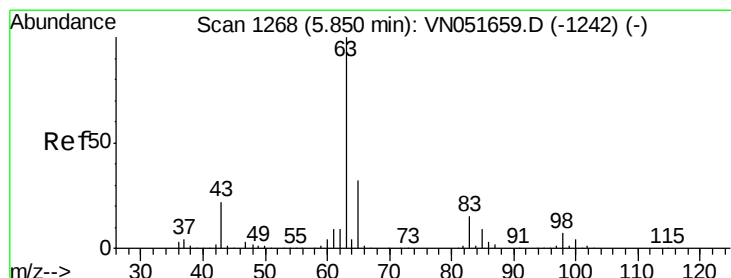
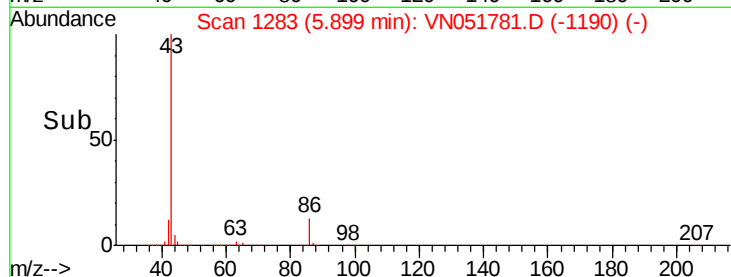
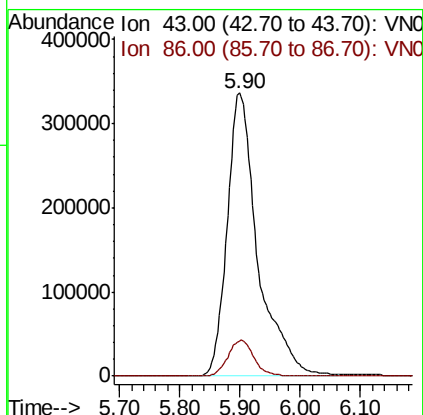
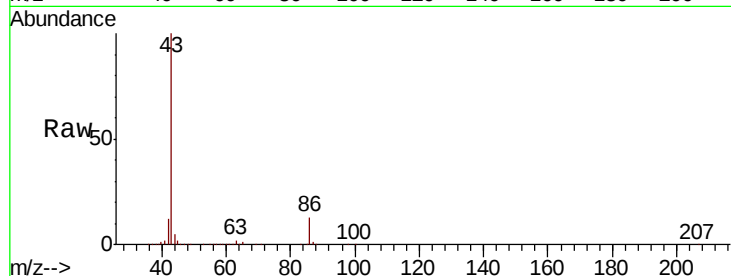
VN1010WBS01

Tot Ion: 43 Resp: 1190900

Ion Ratio Lower Upper

43 100

86 12.5 9.3 13.9



#24

1,1-Dichloroethane

Concen: 18.215 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

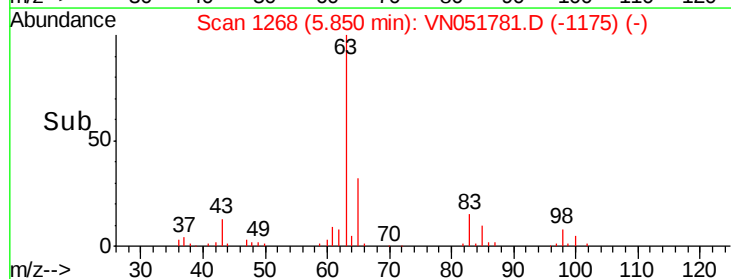
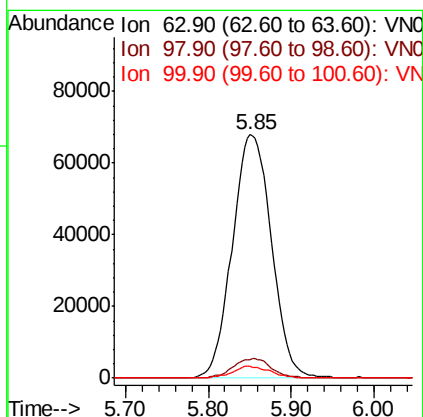
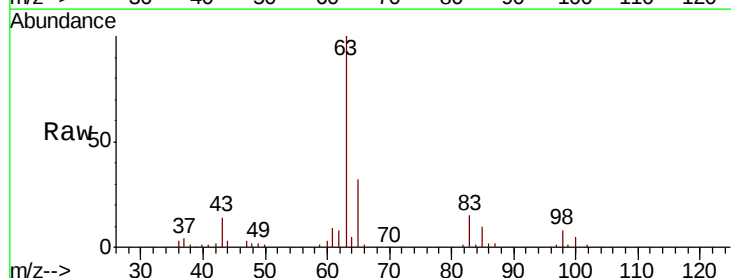
Tgt Ion: 63 Resp: 222471

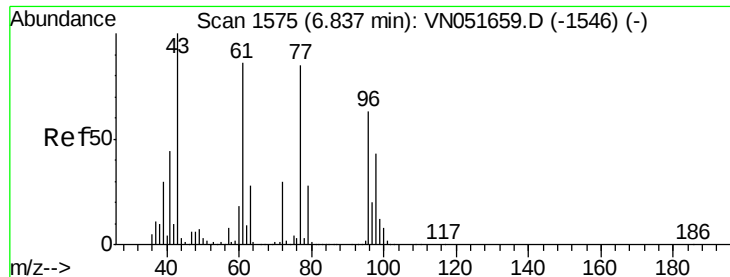
Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

100 4.7 2.2 6.6

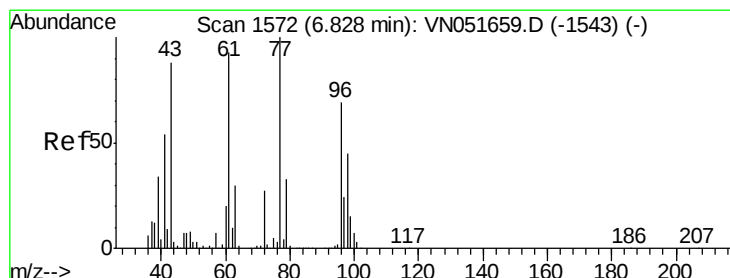
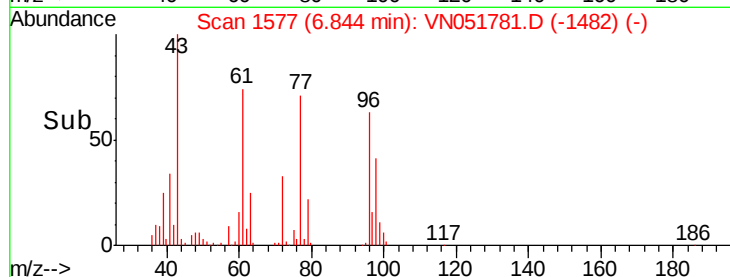
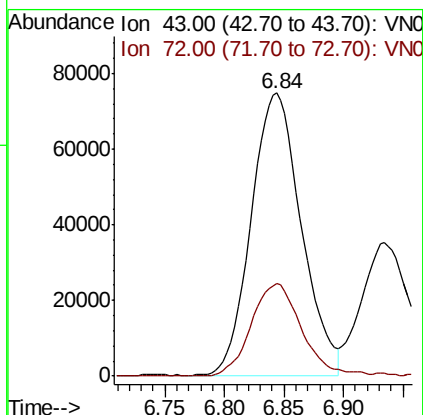
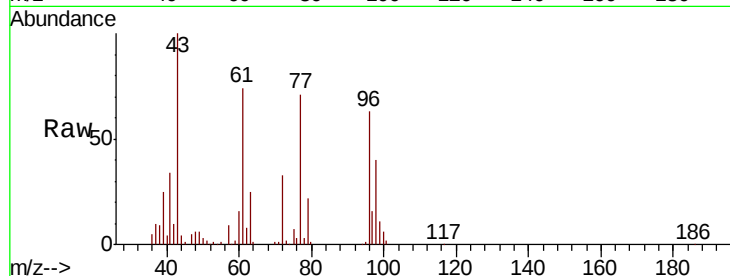




#25
2-Butanone
Concen: 91.504 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

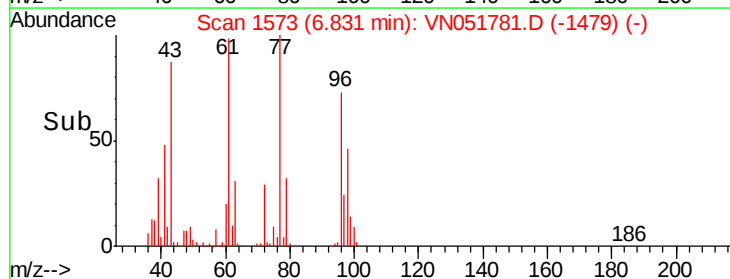
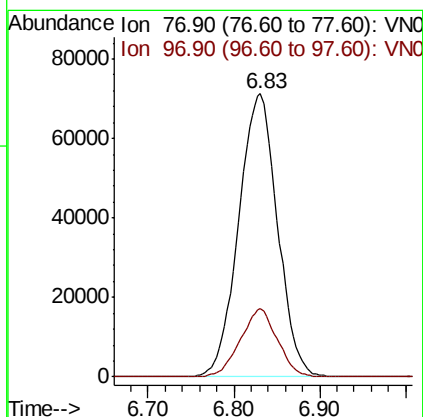
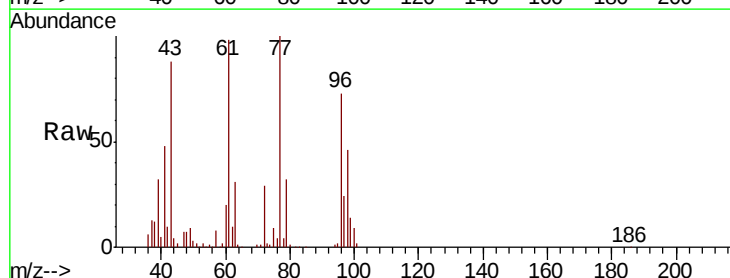
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

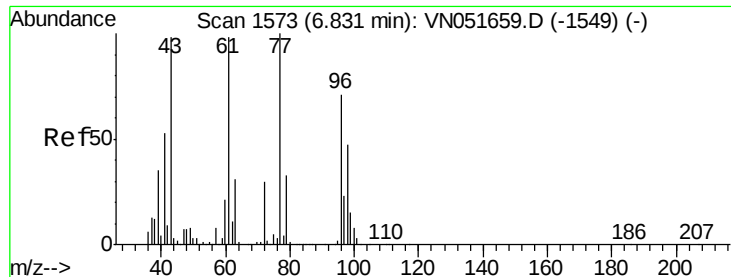
Tot Ion: 43 Resp: 217715
Ion Ratio Lower Upper
43 100
72 32.6 24.2 36.2



#26
2,2-Dichloropropane
Concen: 18.246 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 77 Resp: 223317
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.352 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

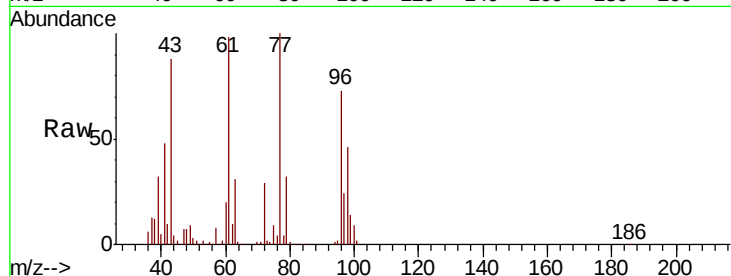
Tot Ion: 96 Resp: 154627

Ion Ratio Lower Upper

96 100

61 127.5 0.0 275.4

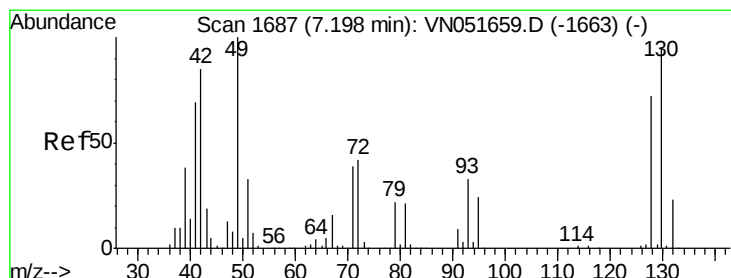
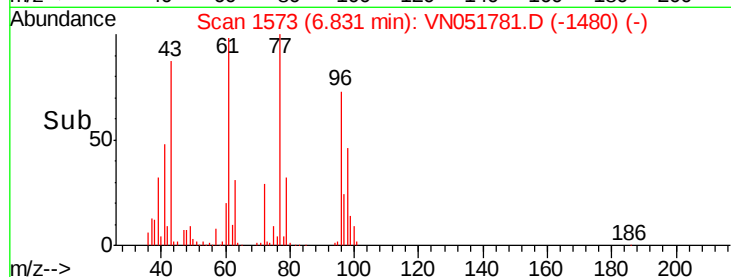
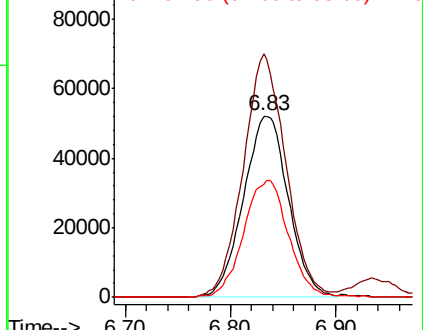
98 64.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN051781.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN051781.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN051781.D (-1480) (-)



#28

Bromochloromethane

Concen: 17.870 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

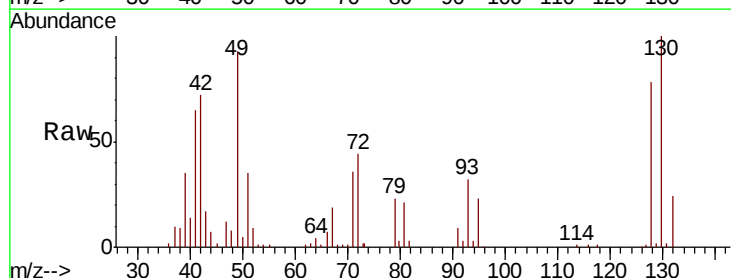
Tgt Ion: 49 Resp: 96623

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.8

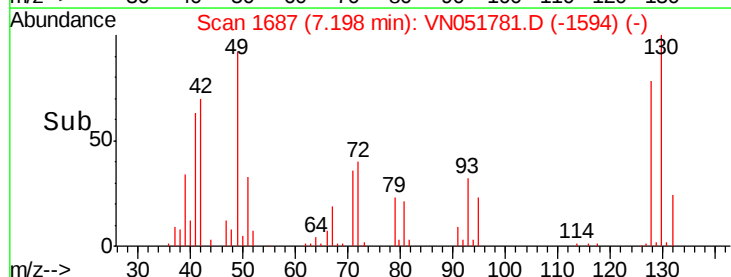
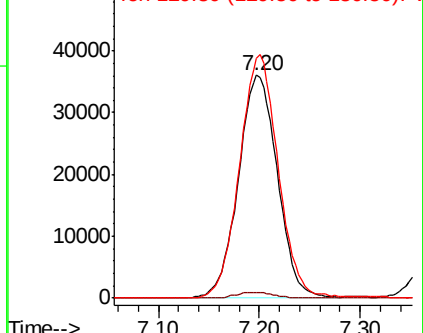
130 108.1 75.7 113.5

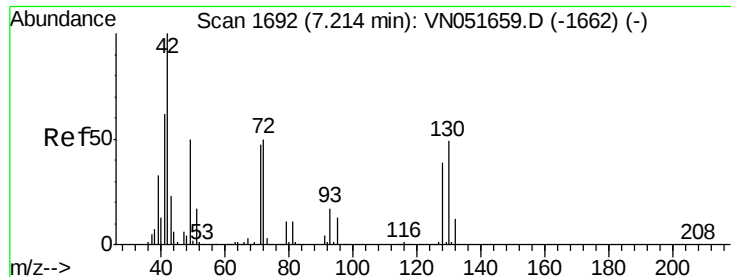


Abundance Ion 48.90 (48.60 to 49.60): VN051781.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051781.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051781.D (-1594) (-)

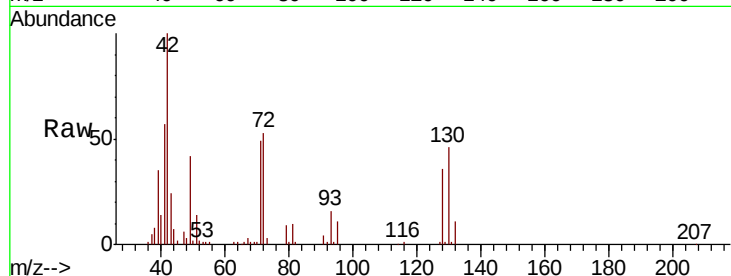




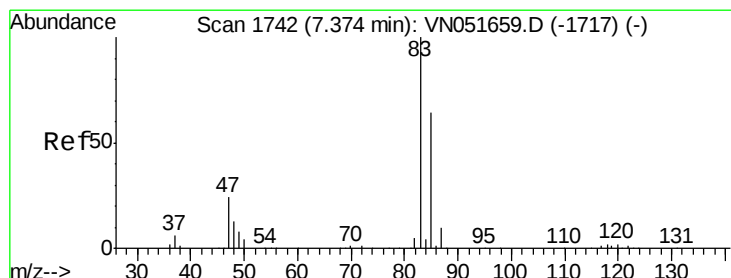
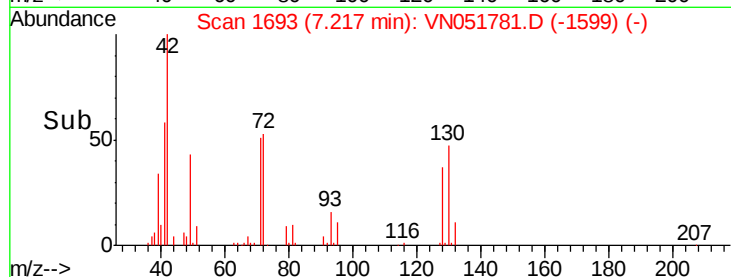
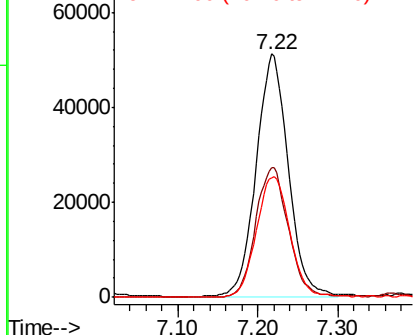
#29
Tetrahydrofuran
Concen: 97.921 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tot Ion: 42 Resp: 142974
Ion Ratio Lower Upper
42 100
72 54.0 40.1 60.1
71 50.9 38.0 57.0

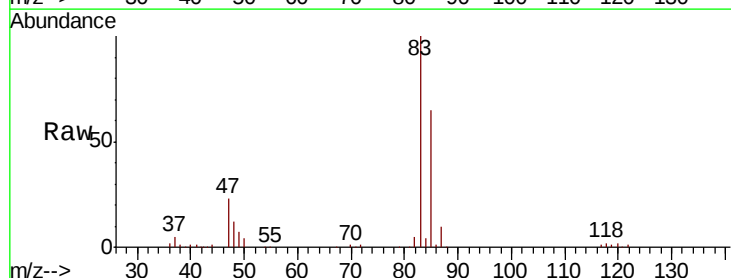


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

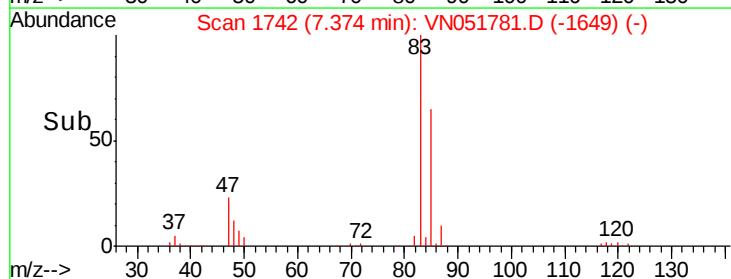
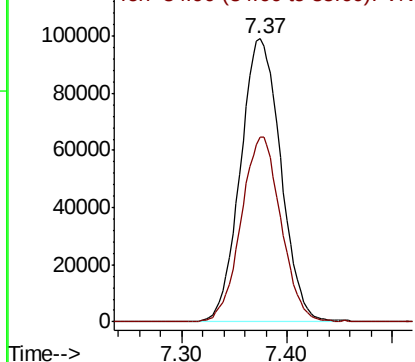


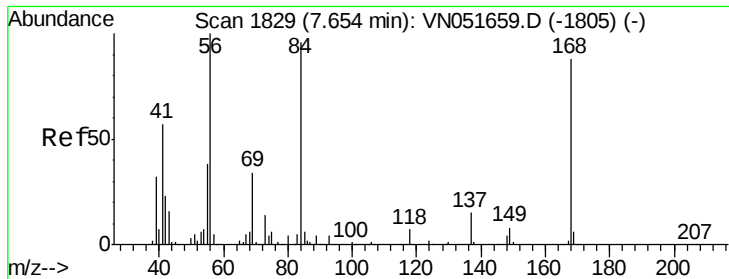
#30
Chloroform
Concen: 19.208 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 83 Resp: 263581
Ion Ratio Lower Upper
83 100
85 65.1 51.6 77.4



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

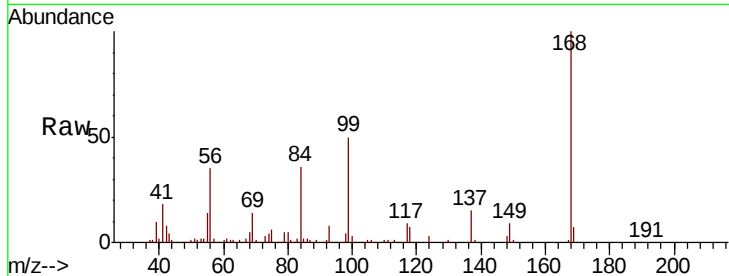




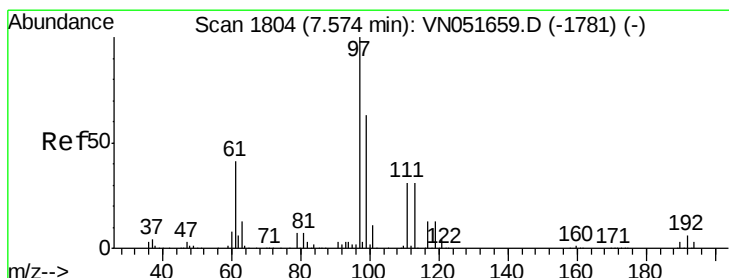
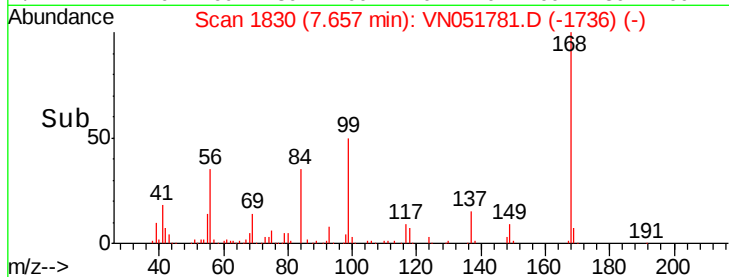
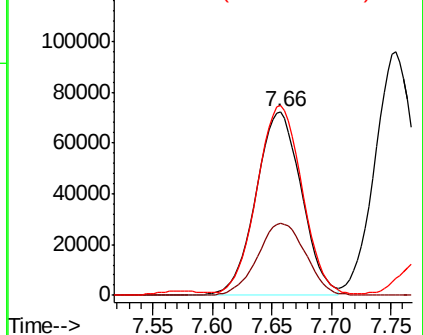
#31
Cyclohexane
Concen: 17.138 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tot Ion: 56 Resp: 191691
Ion Ratio Lower Upper
56 100
69 38.9 27.5 41.3
84 101.0 76.7 115.1

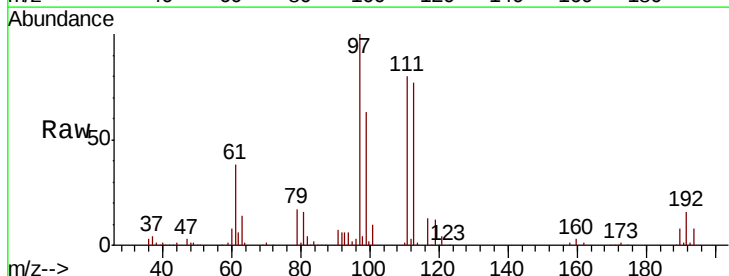


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

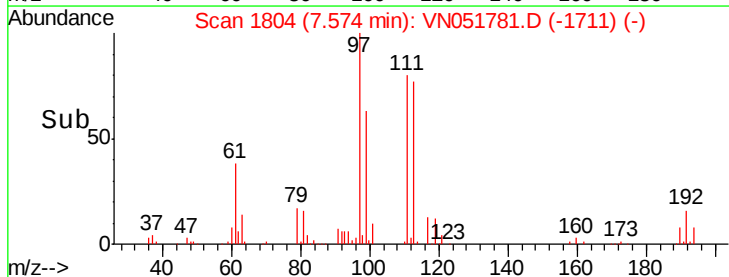
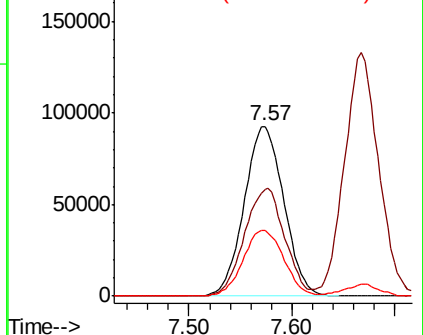


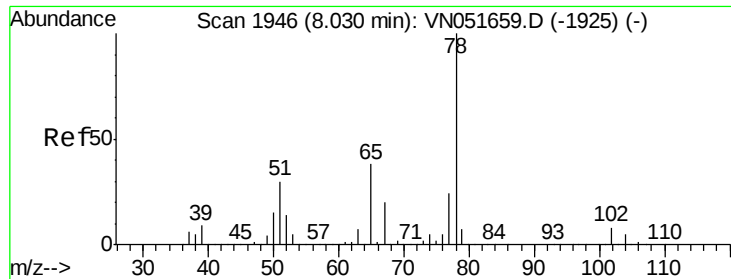
#32
1,1,1-Trichloroethane
Concen: 18.575 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 97 Resp: 247065
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 39.9 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

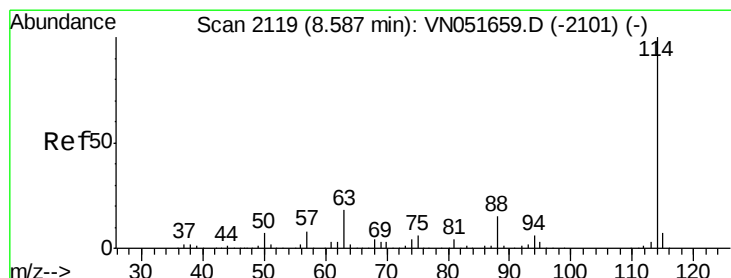
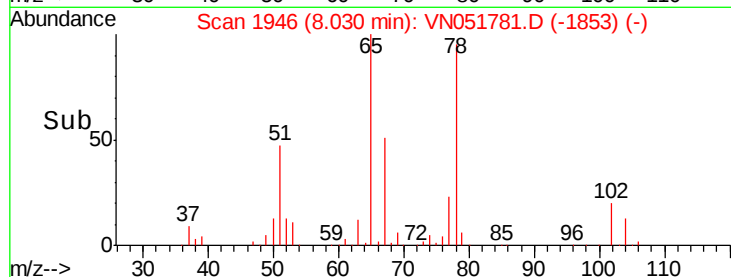
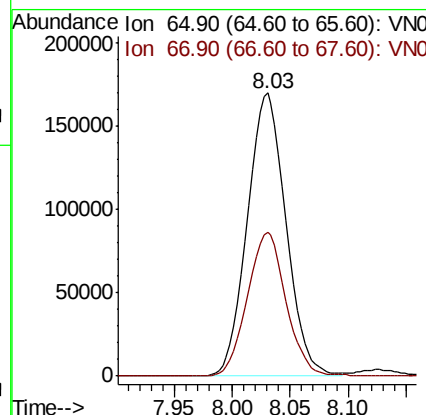
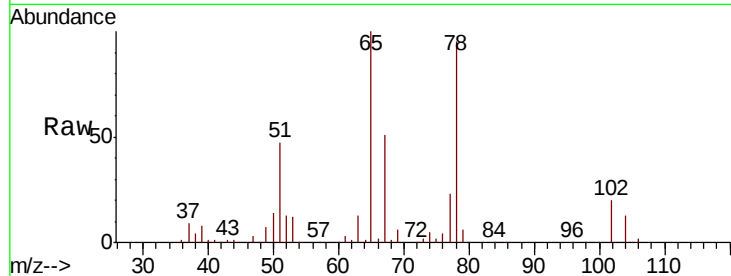




#33
 1,2-Dichloroethane-d4
 Concen: 18.575 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

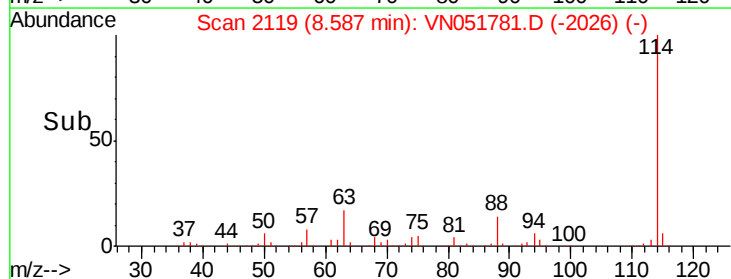
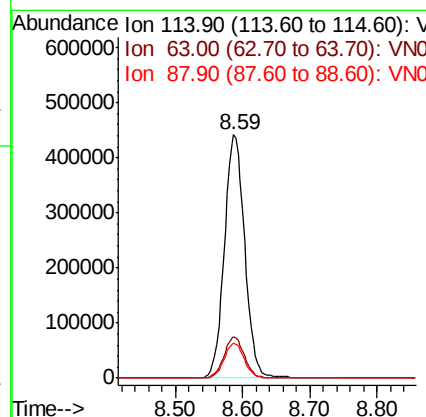
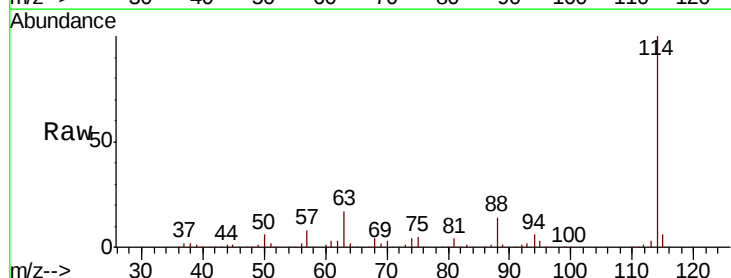
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

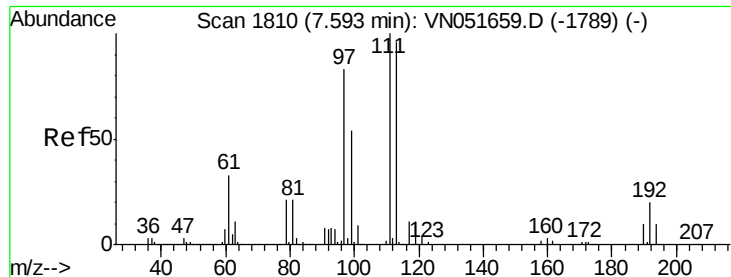
Tot Ion: 65 Resp: 393921
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 114 Resp: 934934
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.2
 88 14.3 0.0 30.2

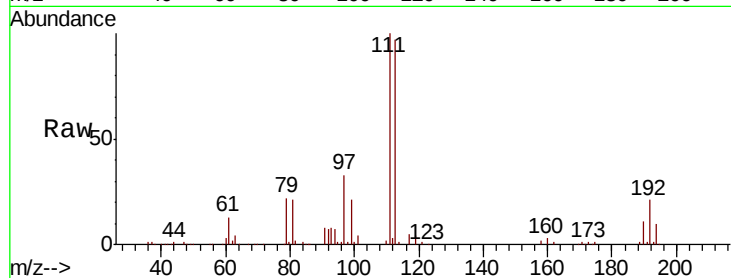




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	21.9	16.5	24.7

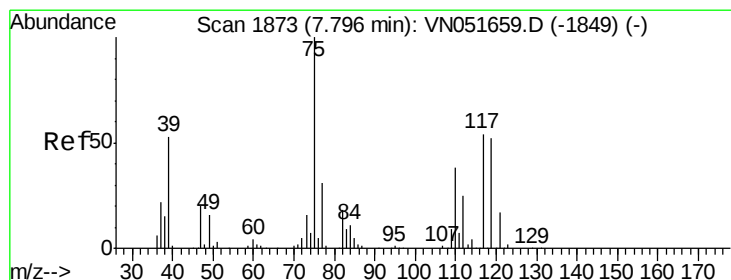
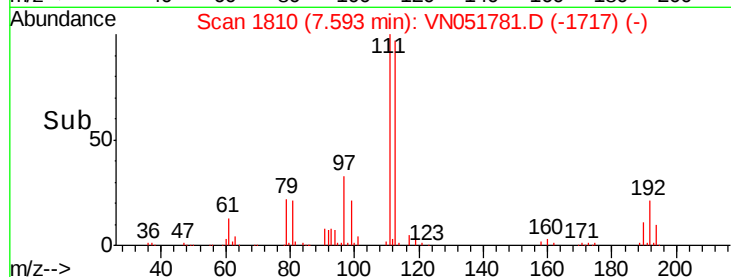
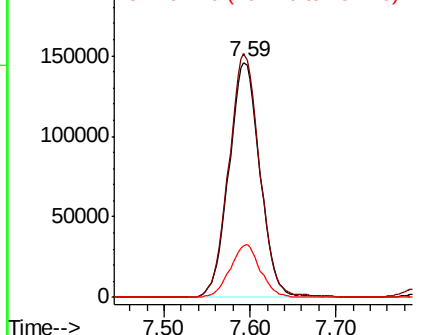


Abundance

Ion 112.80 (112.50 to 113.50): V

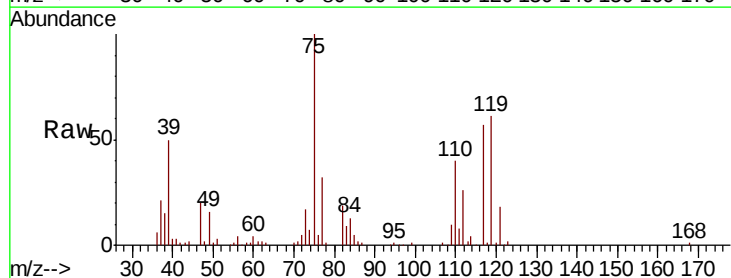
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 18.734 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.3	57.8
77	31.1	24.7	37.1

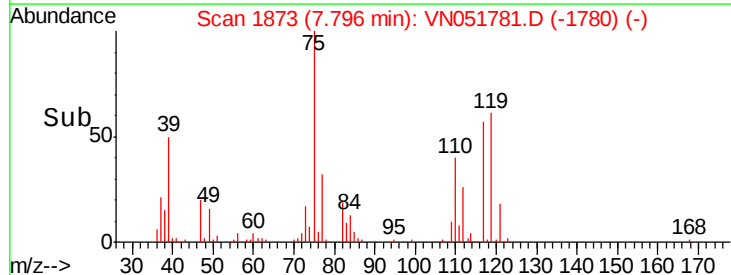
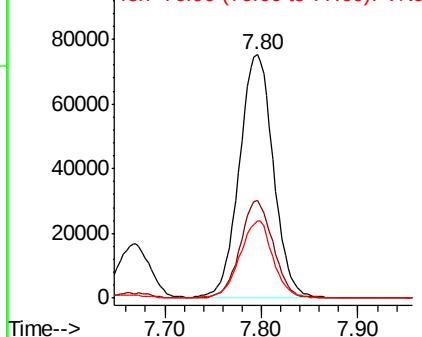


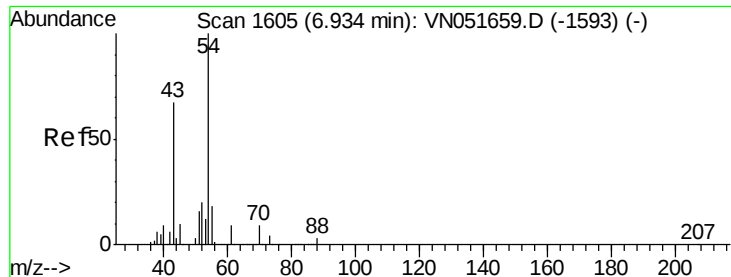
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

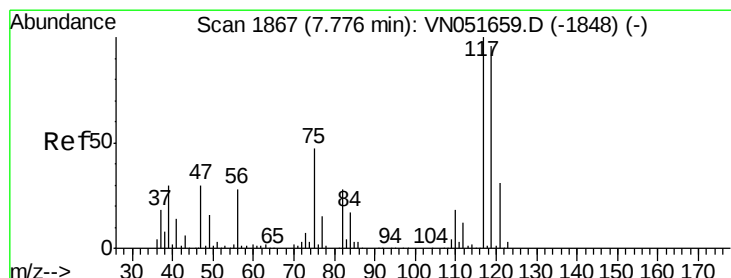
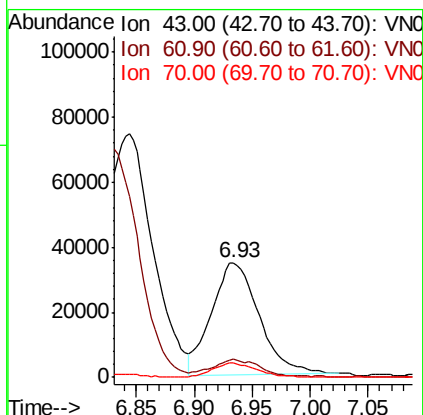
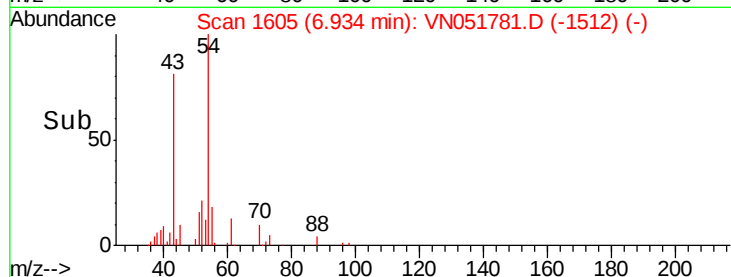
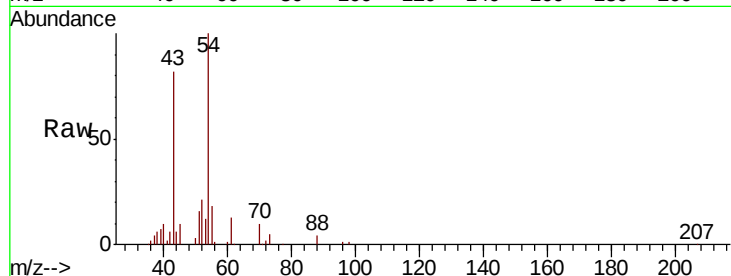




#37
Ethyl Acetate
Concen: 19.354 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

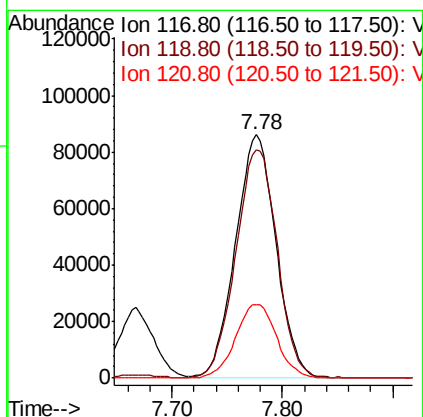
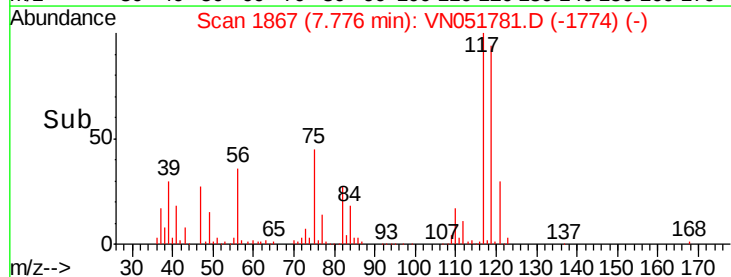
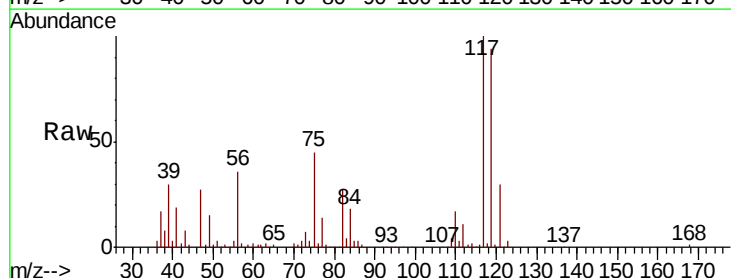
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

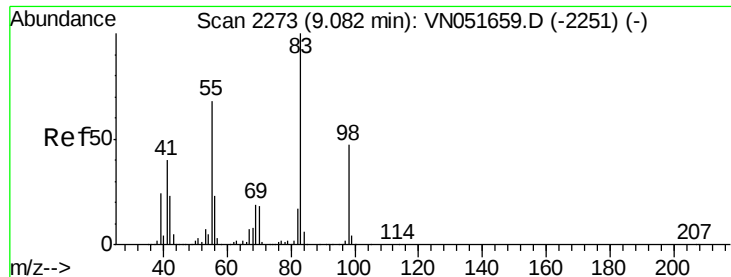
Tot Ion: 43 Resp: 98642
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 12.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.582 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 117 Resp: 217893
Ion Ratio Lower Upper
117 100
119 93.6 77.0 115.6
121 30.5 25.0 37.6

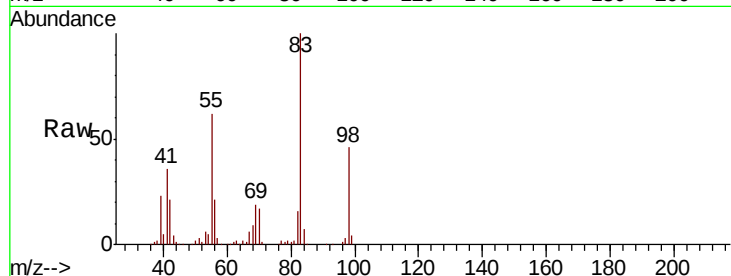




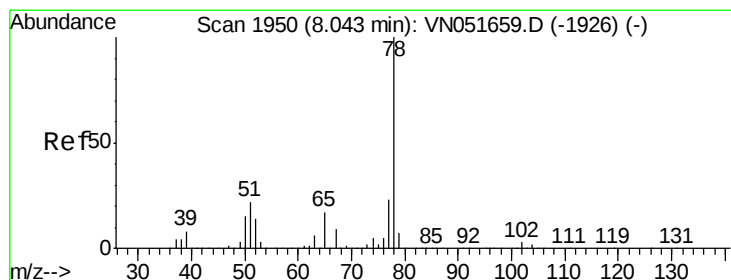
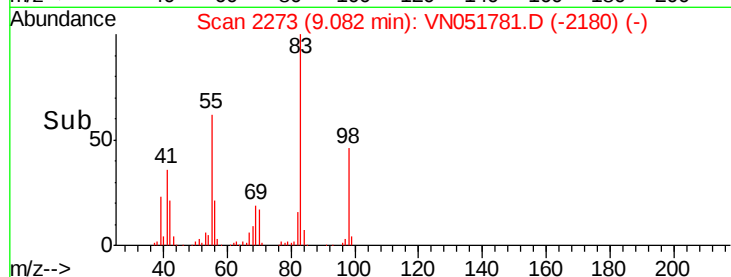
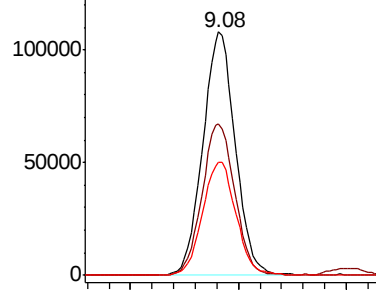
#39
Methvlcvclohexane
Concen: 18.444 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tot Ion: 83 Resp: 226254
Ion Ratio Lower Upper
83 100
55 62.1 54.3 81.5
98 46.4 37.4 56.2

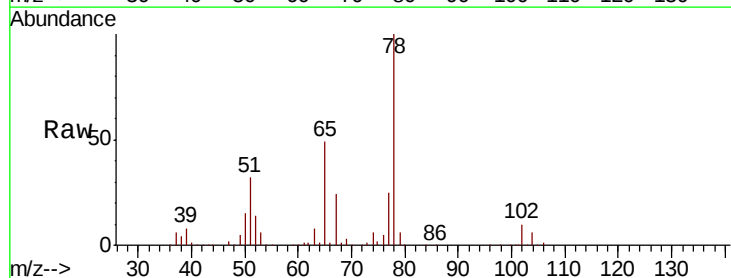


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

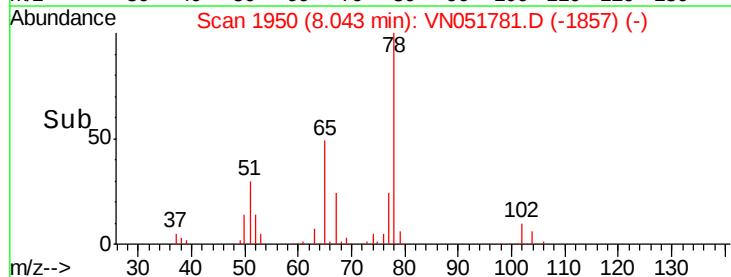
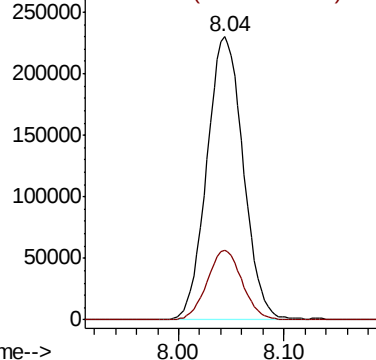


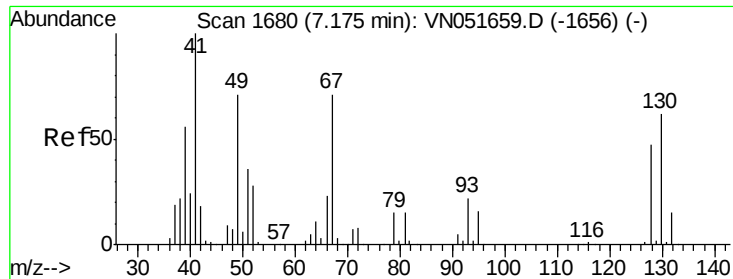
#40
Benzene
Concen: 19.030 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 78 Resp: 551309
Ion Ratio Lower Upper
78 100
77 24.6 18.5 27.7



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

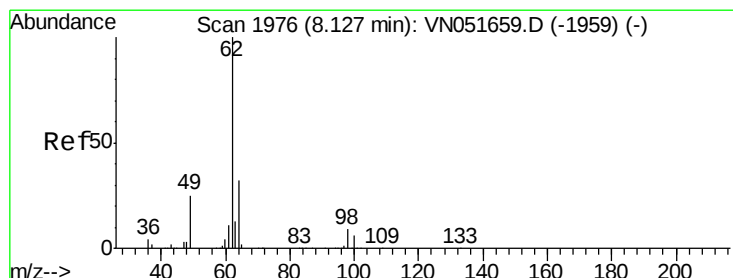
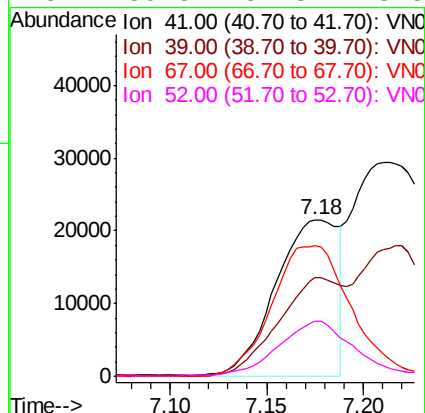
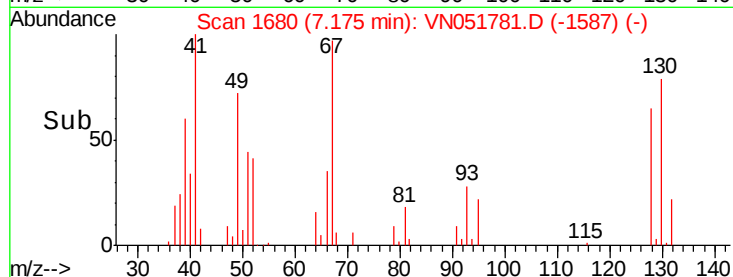
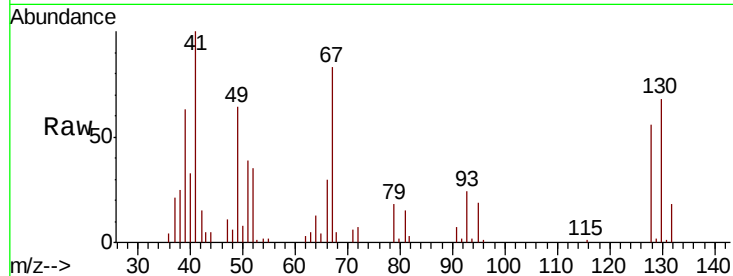




#41
Methacrylonitrile
Concen: 18.410 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

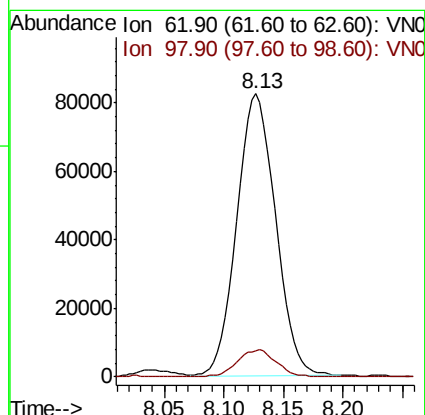
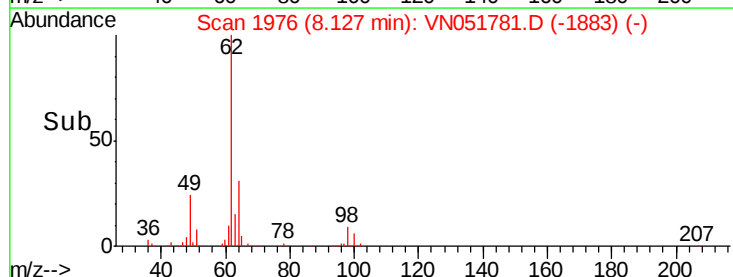
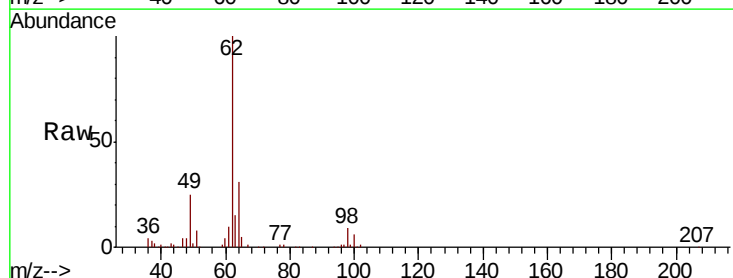
Instrument :
MSVOA_N
ClientSampled :
VN1010WBS01

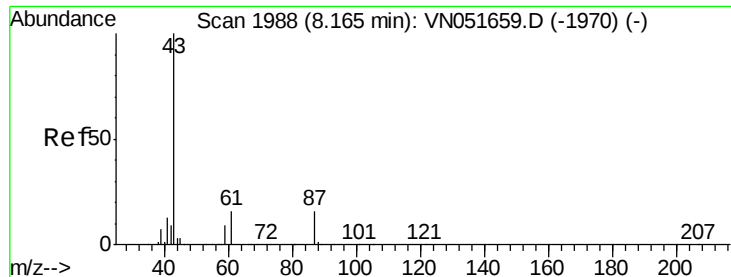
Tot Ion: 41 Resp: 48842
Ion Ratio Lower Upper
41 100
39 65.0 53.9 80.9
67 105.0 78.1 117.1
52 39.5 32.3 48.5



#42
1,2-Dichloroethane
Concen: 19.127 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 62 Resp: 186740
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.893 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

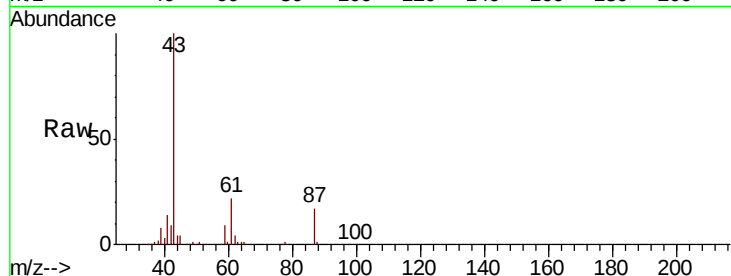
MSVOA_N

ClientSampleId :

VN1010WBS01

Tot Ion: 43 Resp: 200762

Ion	Ratio	Lower	Upper
43	100		
61	29.5	15.8	23.6#
87	16.6	12.6	19.0

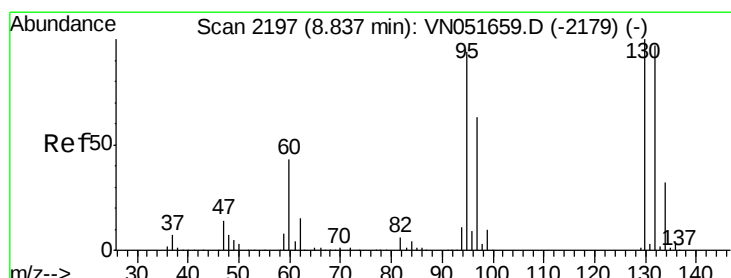
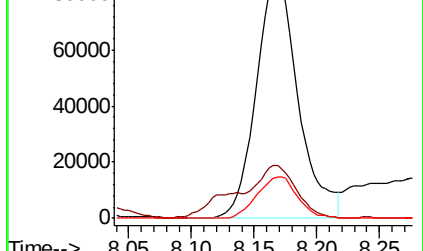
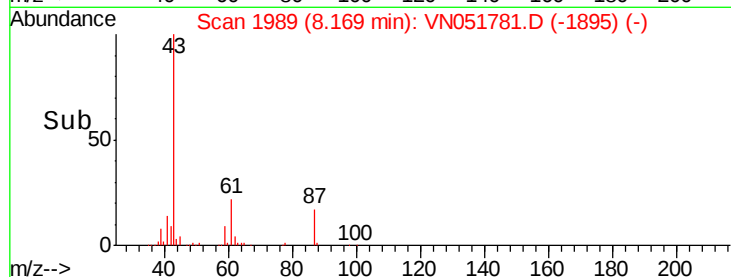


Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

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

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

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 19.977 ug/l

RT: 8.84 min Scan# 2197

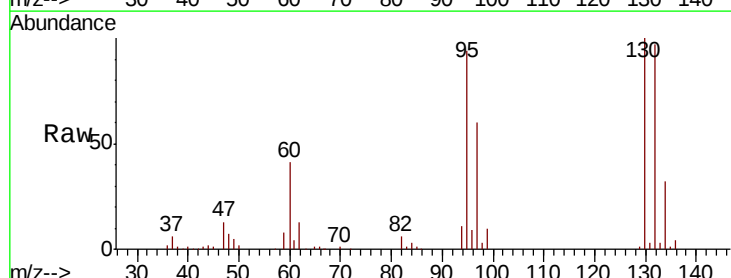
Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Tgt Ion: 130 Resp: 164322

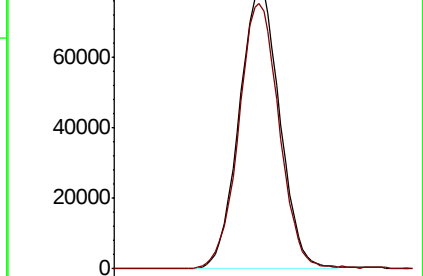
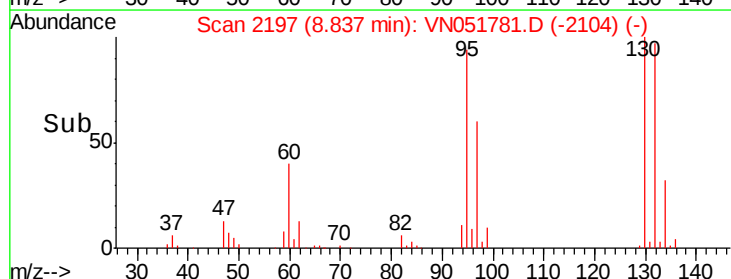
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	188.0

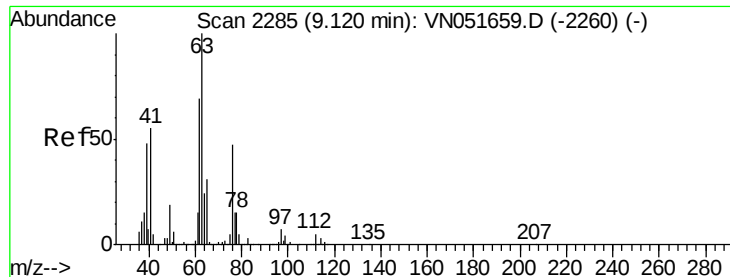


Abundance Ion 129.80 (129.50 to 130.50): VN051659.D (-2179) (-)

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

Time--> 8.75 8.80 8.85 8.90





#45

1,2-Dichloropropane

Concen: 18.715 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

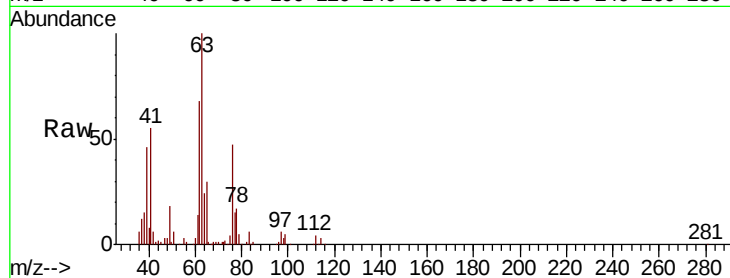
VN1010WBS01

Tot Ion: 63 Resp: 134049

Ion Ratio Lower Upper

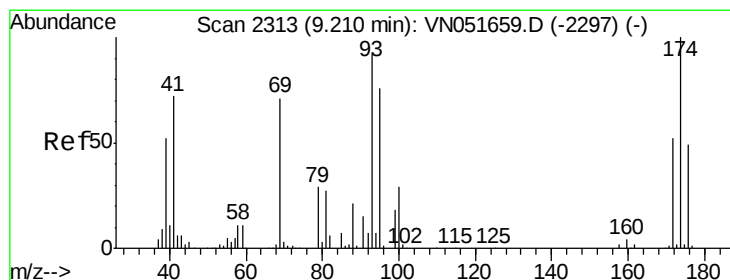
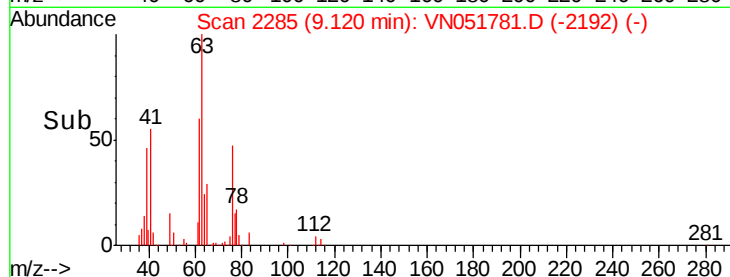
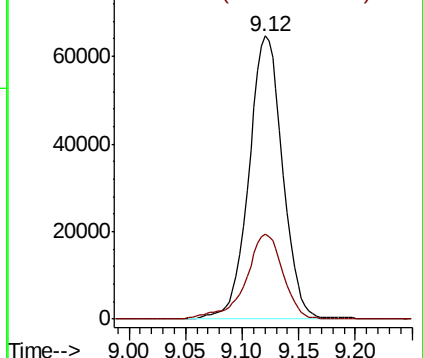
63 100

65 29.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.566 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

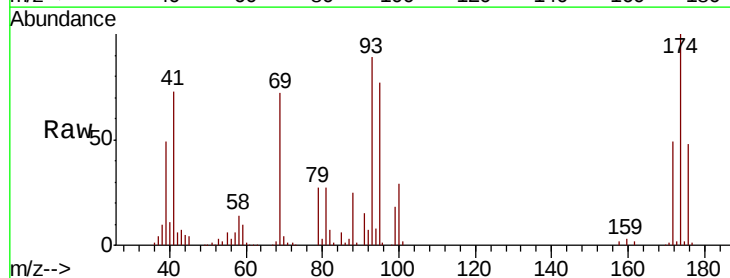
Tgt Ion: 93 Resp: 97411

Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

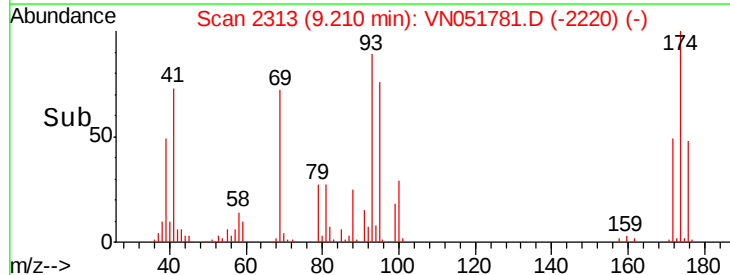
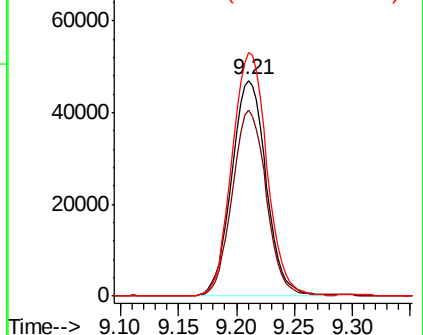
174 114.1 85.9 128.9

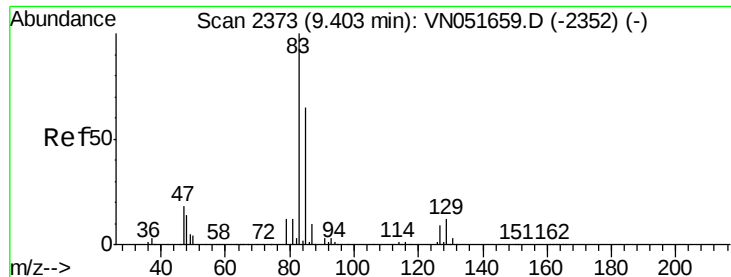


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

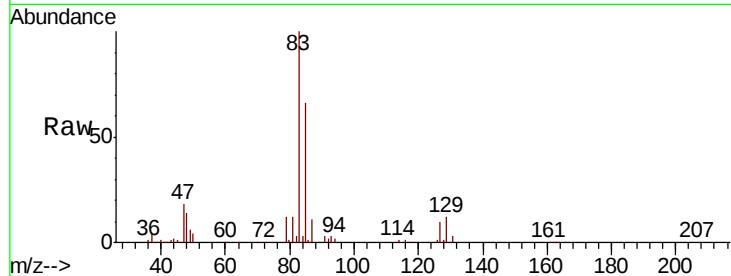




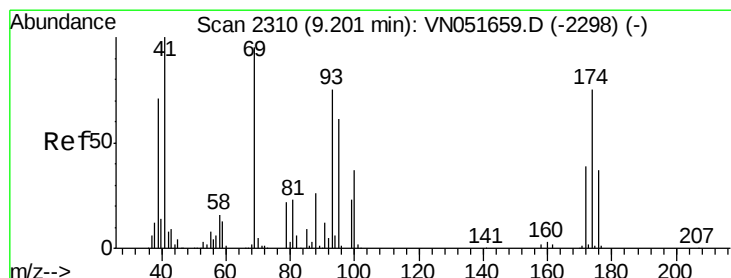
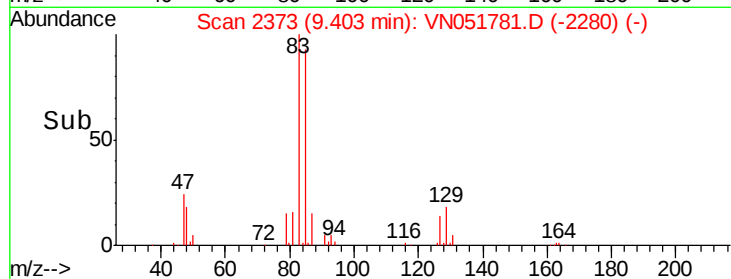
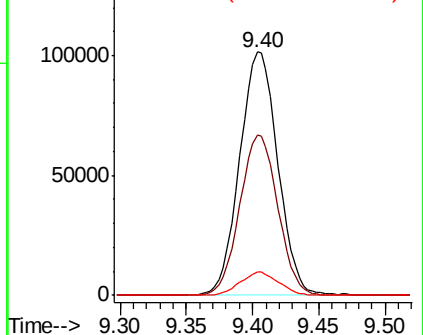
#47
Bromodichloromethane
Concen: 18.529 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

Tot Ion: 83 Resp: 203075
Ion Ratio Lower Upper
83 100
85 65.8 51.6 77.4
127 9.6 7.3 10.9

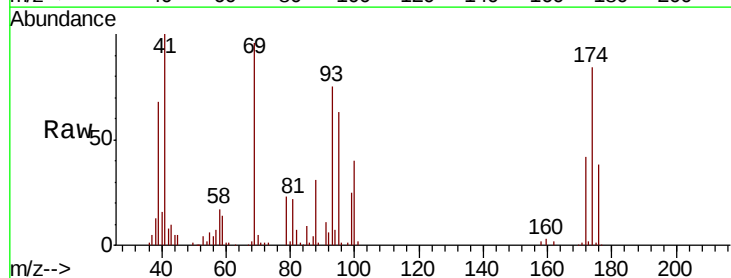


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V

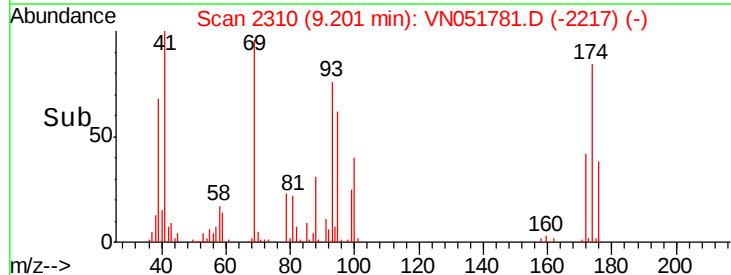
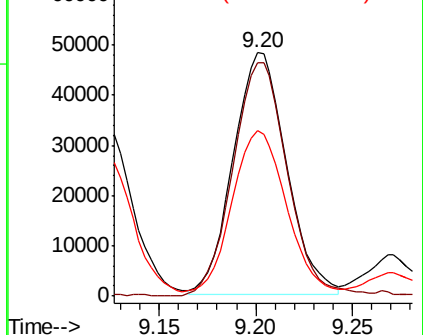


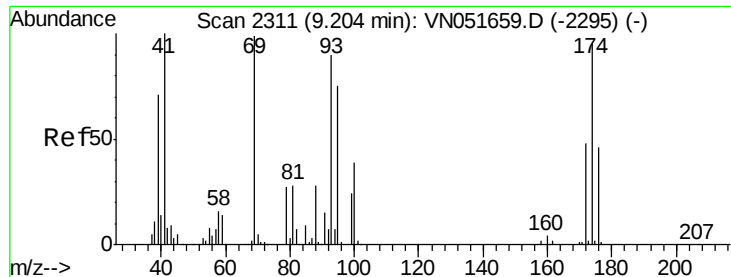
#48
Methyl methacrylate
Concen: 19.081 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 41 Resp: 92650
Ion Ratio Lower Upper
41 100
69 98.8 78.6 118.0
39 69.7 59.2 88.8



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





#49

1,4-Dioxane

Concen: 422.268 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

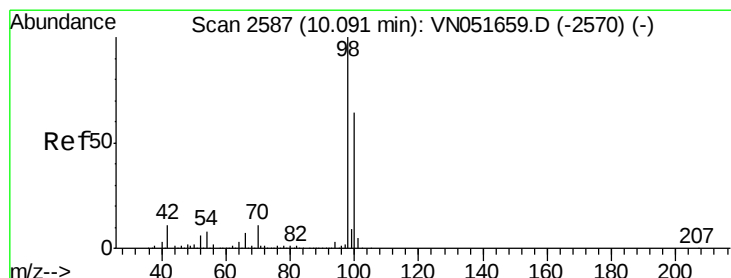
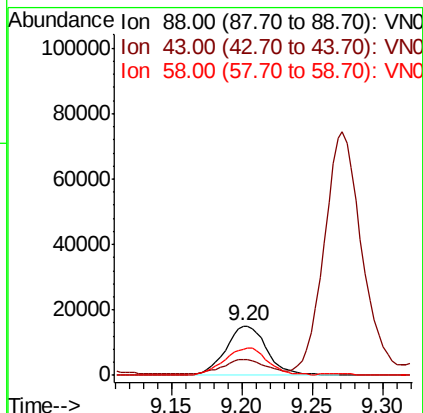
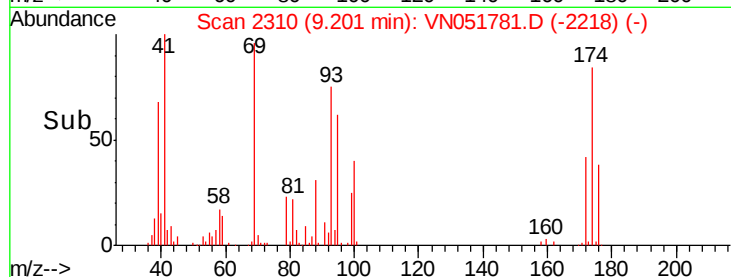
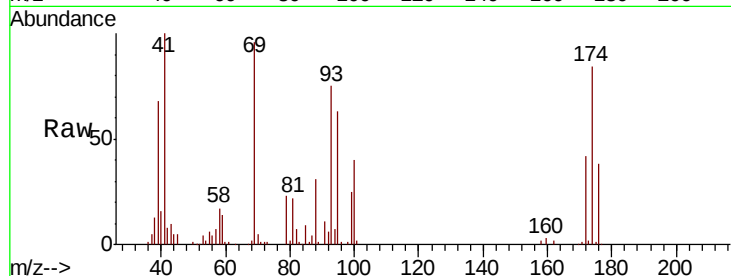
Tot Ion: 88 Resp: 30745

Ion Ratio Lower Upper

88 100

43 28.0 24.5 36.7

58 58.6 47.6 71.4



#50

Toluene-d8

Concen: 422.268 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051781.D

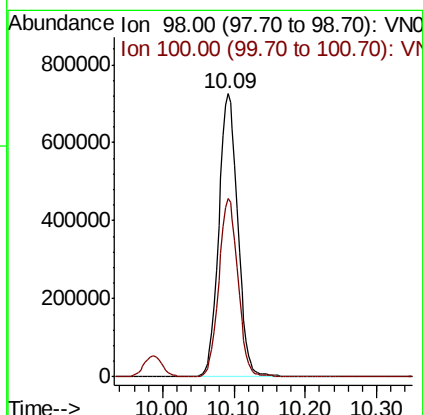
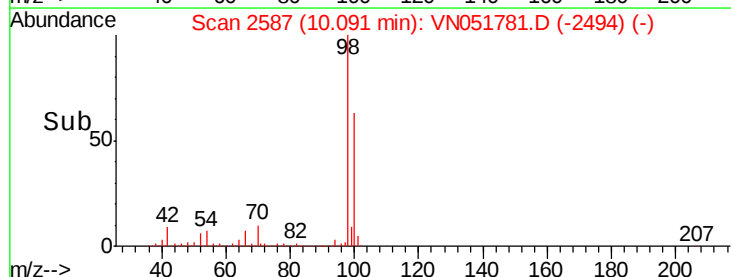
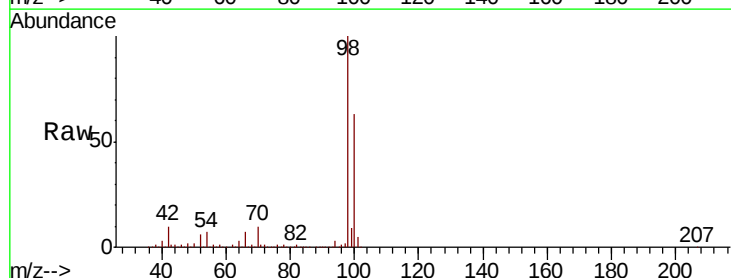
Acq: 10 Oct 2018 11:11

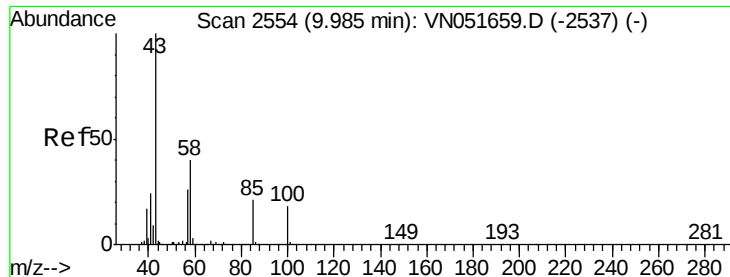
Tgt Ion: 98 Resp: 1339150

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3

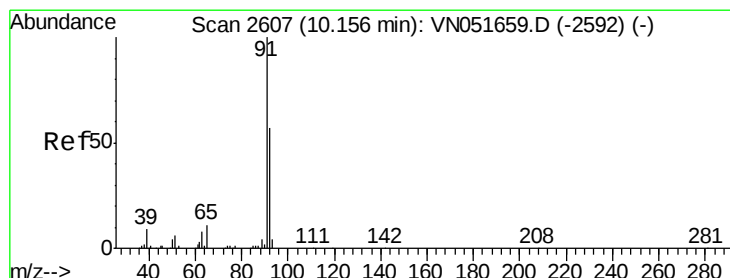
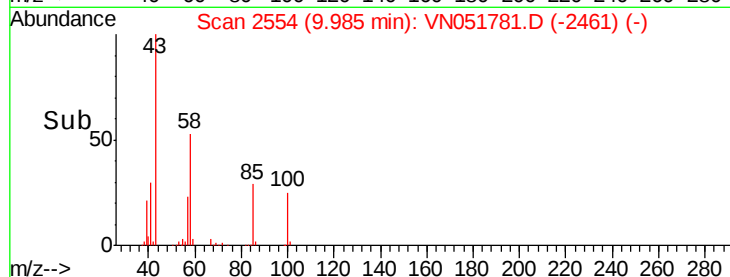
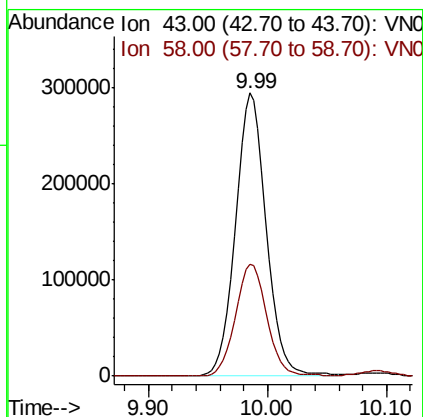
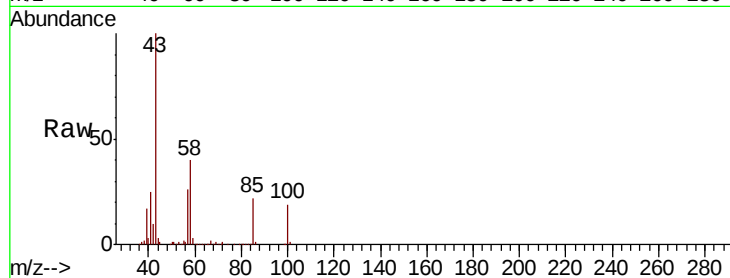




#51
 4-Methyl-2-Pentanone
 Concen: 97.164 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

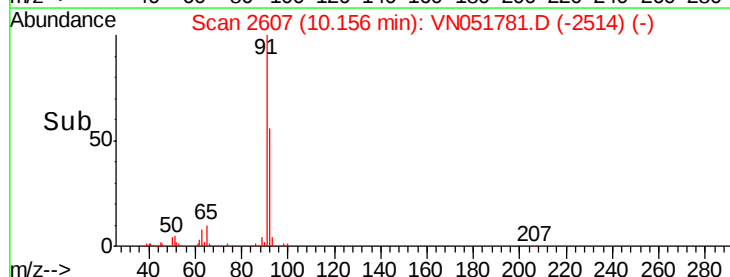
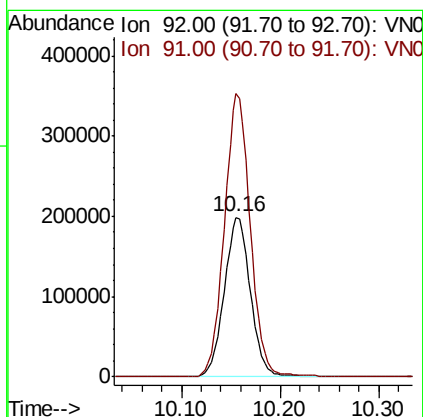
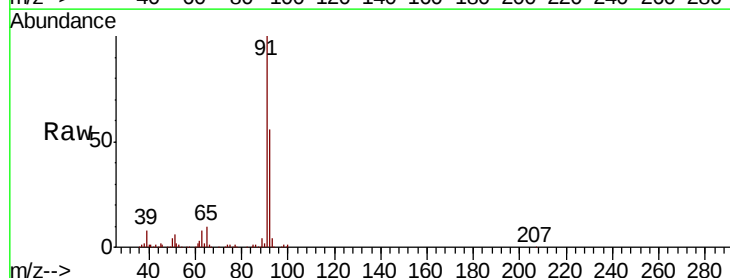
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

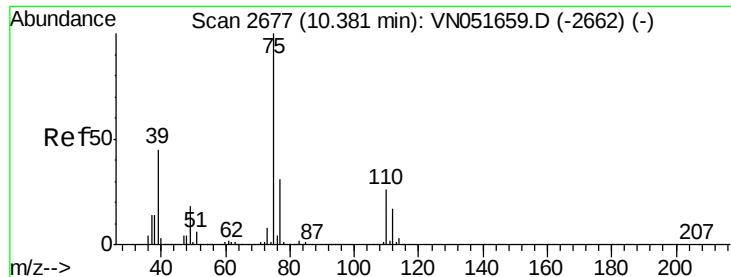
Tot Ion: 43 Resp: 523198
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.2 48.2



#52
 Toluene
 Concen: 19.165 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 92 Resp: 369270
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 17.338 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

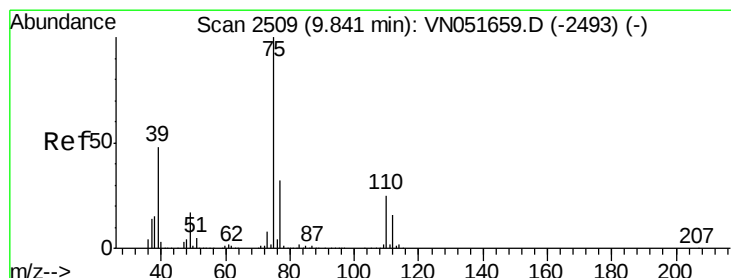
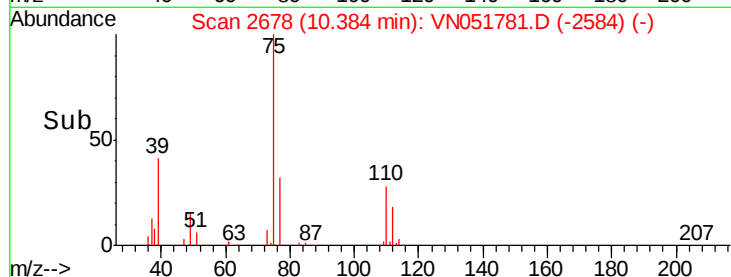
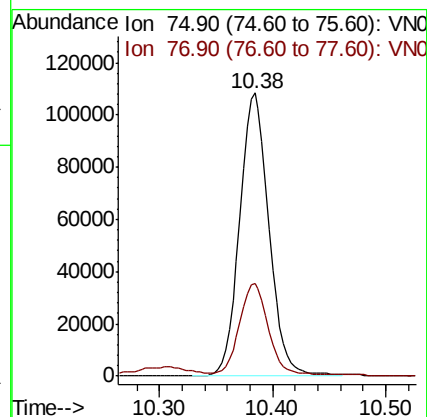
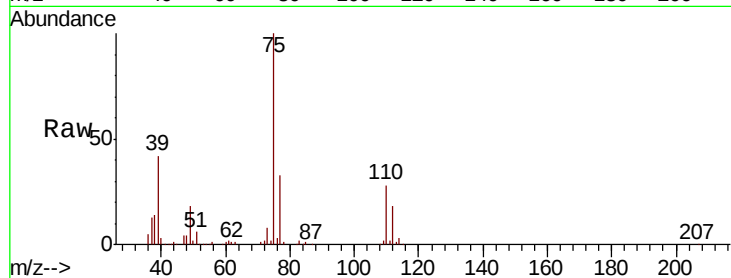
VN1010WBS01

Tot Ion: 75 Resp: 196076

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.618 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

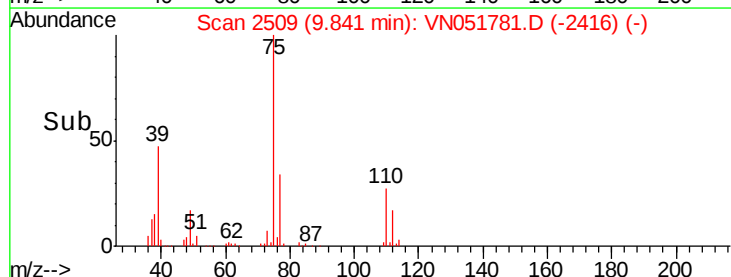
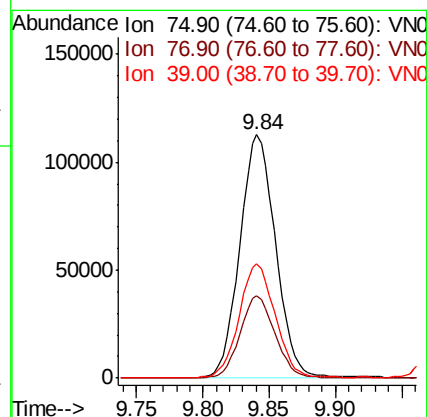
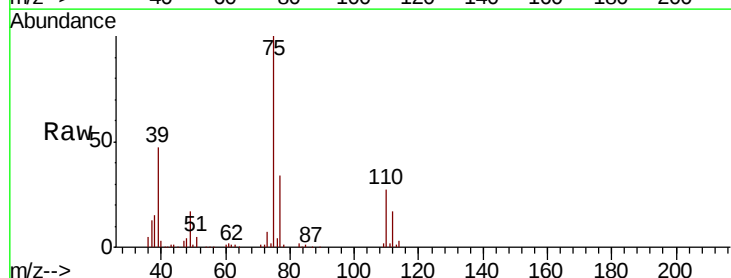
Tgt Ion: 75 Resp: 211574

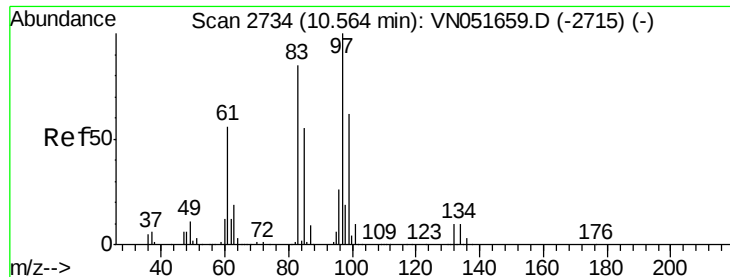
Ion Ratio Lower Upper

75 100

77 33.8 25.7 38.5

39 46.7 38.1 57.1



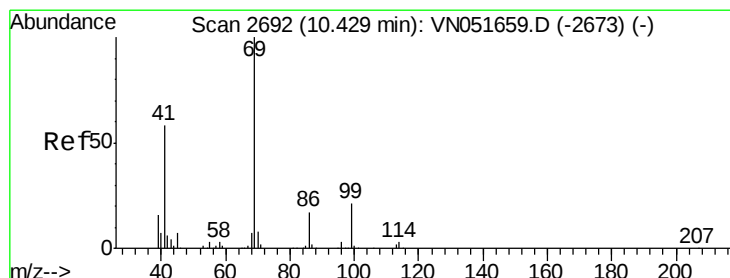
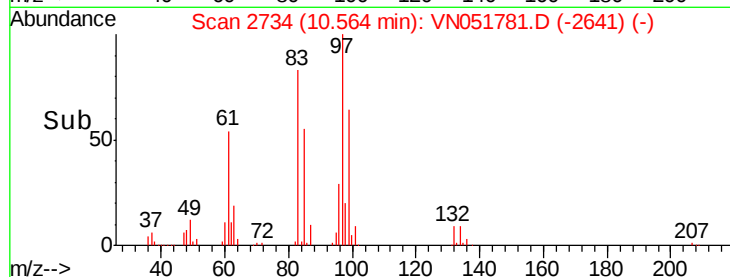
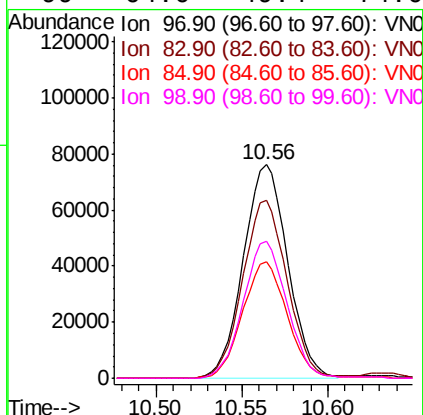
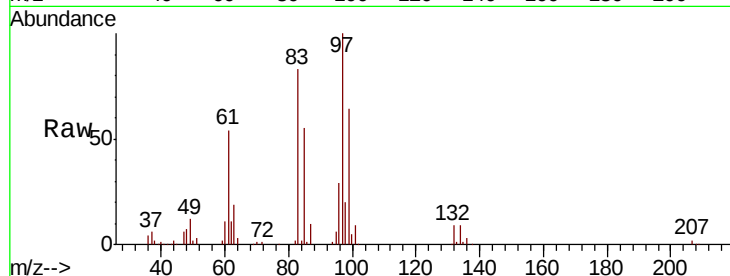


#55
 1,1,2-Trichloroethane
 Concen: 19.918 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Tot Ion: 97 Resp: 136717

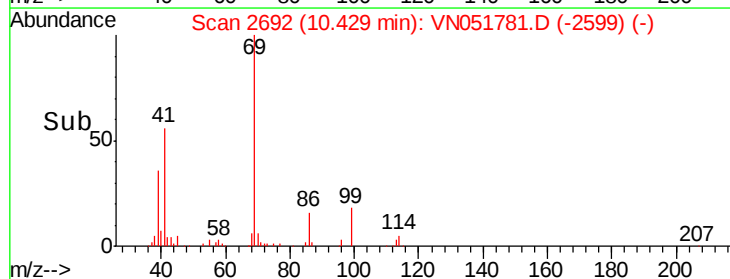
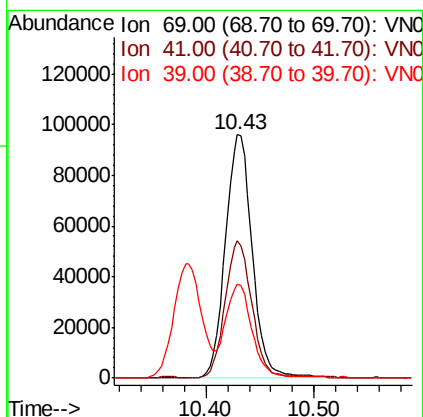
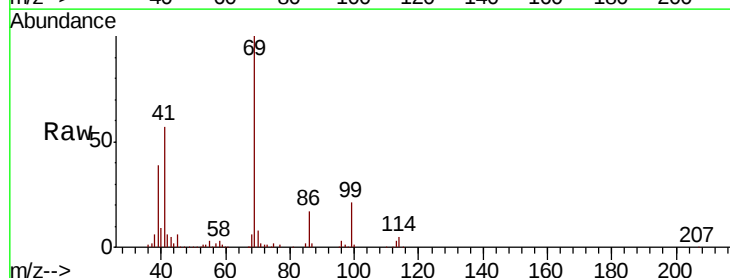
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.1	102.1
85	54.6	43.6	65.4
99	64.0	49.4	74.0

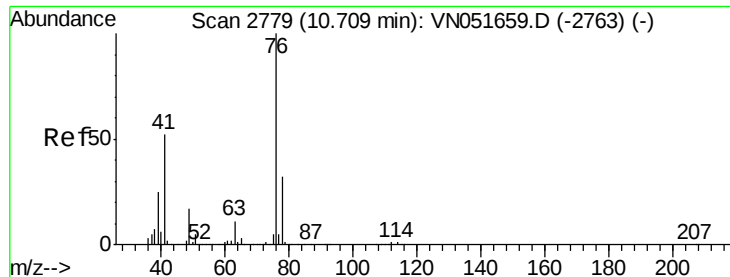


#56
 Ethyl methacrylate
 Concen: 19.235 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 69 Resp: 166965

Ion	Ratio	Lower	Upper
69	100		
41	55.5	46.4	69.6
39	38.4	32.4	48.6

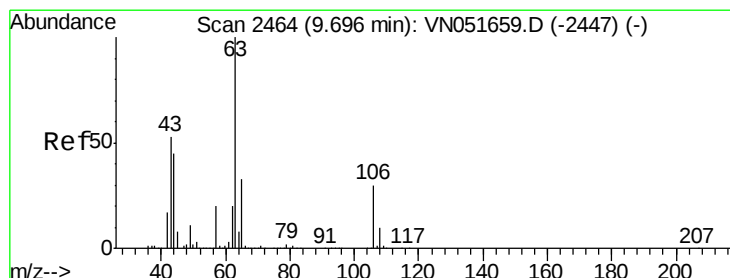
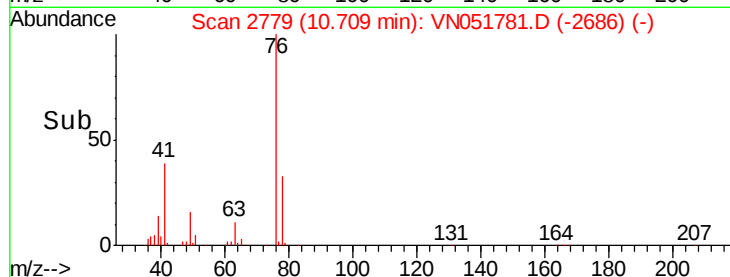
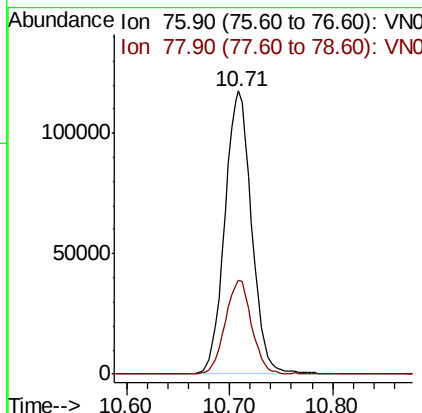
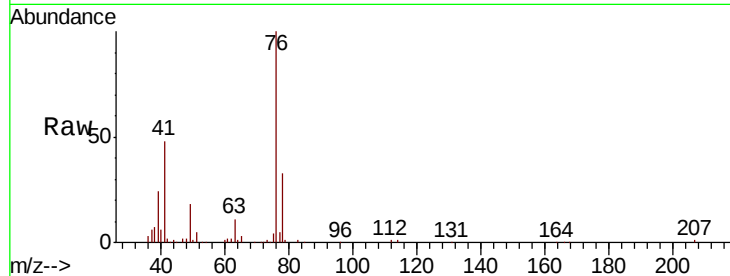




#57
 1,3-Dichloropropane
 Concen: 19.589 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

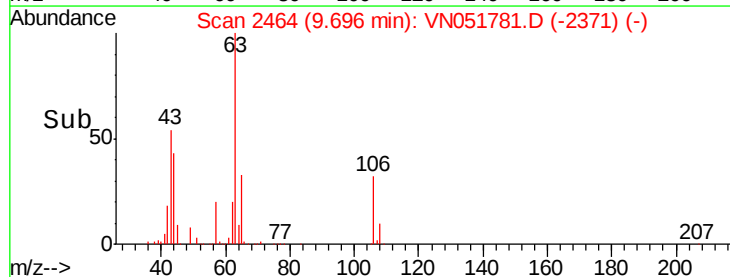
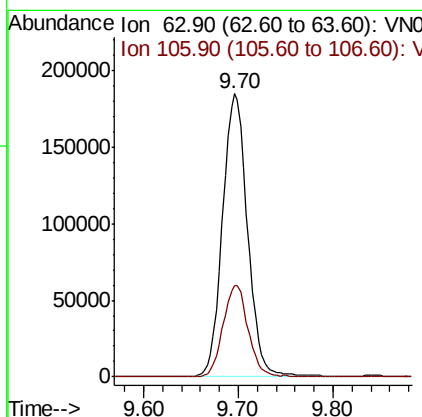
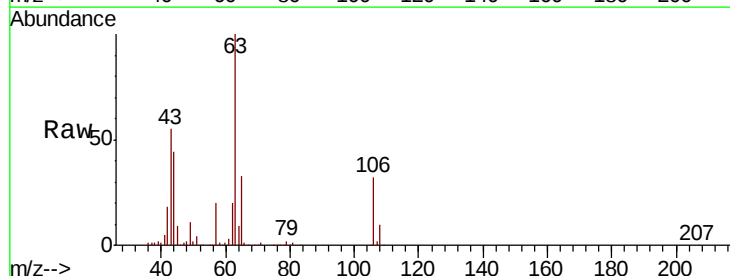
Instrument :
 MSVOA_N
 ClientSampled :
 VN1010WBS01

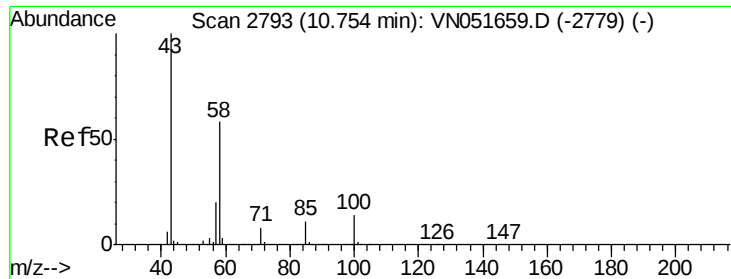
Tot Ion: 76 Resp: 212809
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.589 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 63 Resp: 339804
 Ion Ratio Lower Upper
 63 100
 106 32.3 24.3 36.5

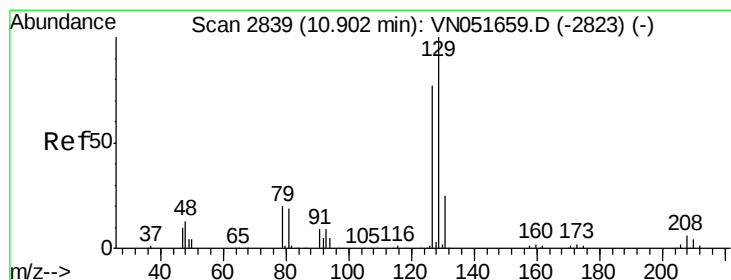
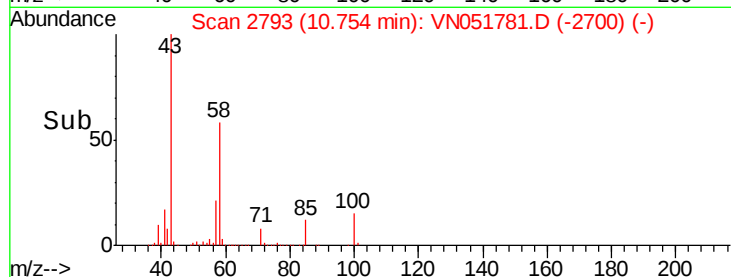
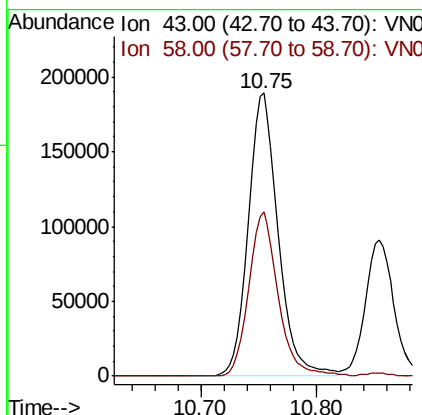
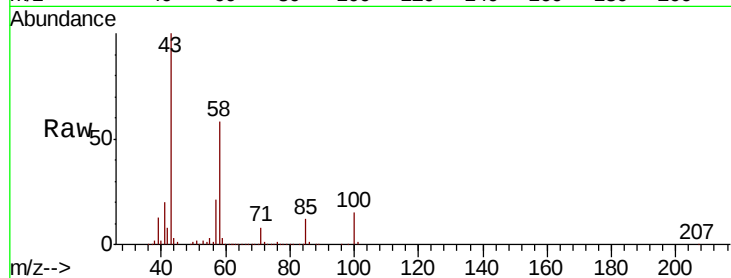




#59
2-Hexanone
Concen: 92.530 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

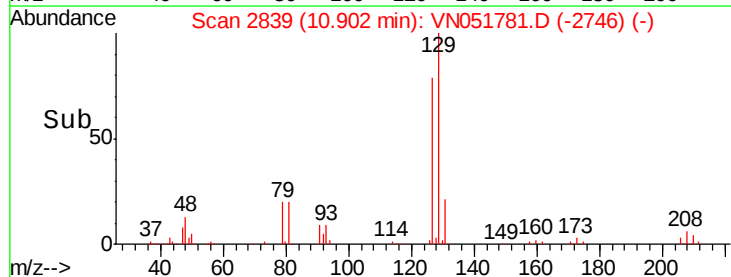
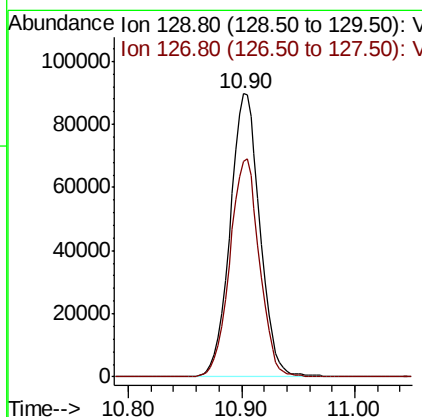
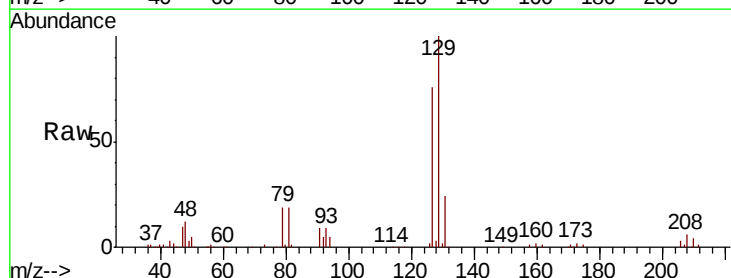
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

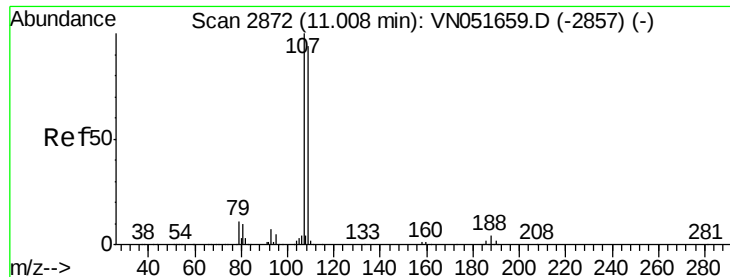
Tot Ion: 43 Resp: 338373
Ion Ratio Lower Upper
43 100
58 57.4 28.8 86.4



#60
Dibromochloromethane
Concen: 18.262 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 129 Resp: 164036
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

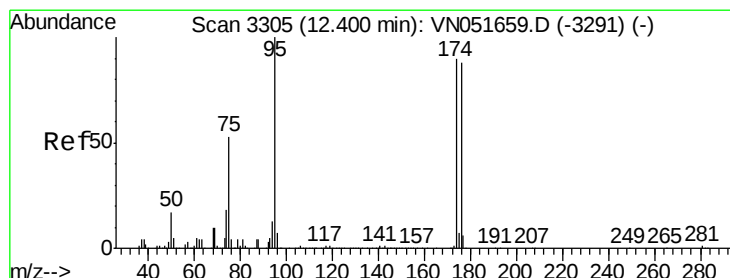
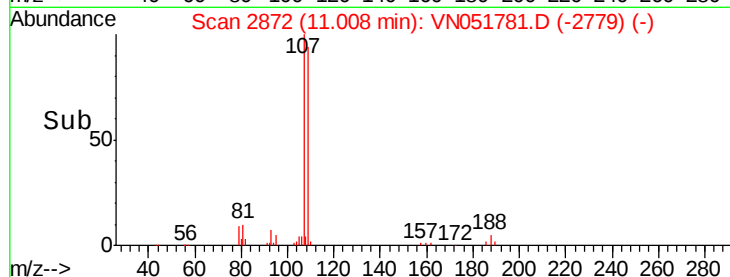
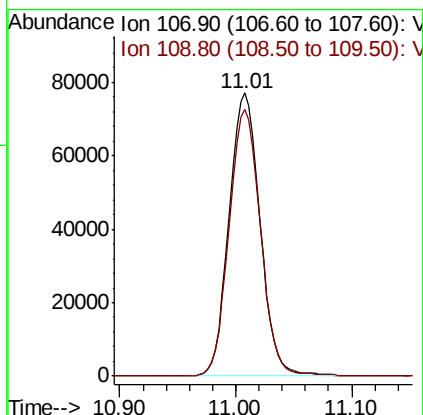
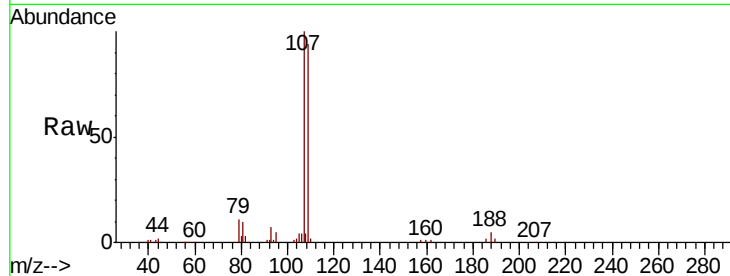




#61
 1,2-Dibromoethane
 Concen: 19.591 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

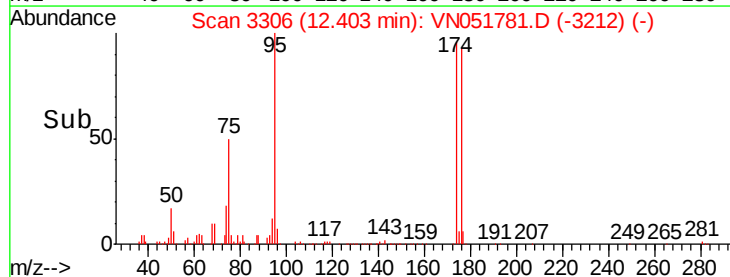
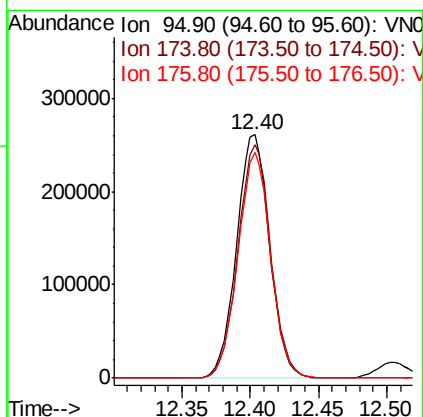
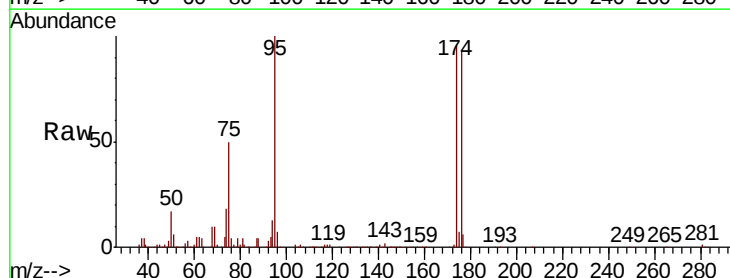
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

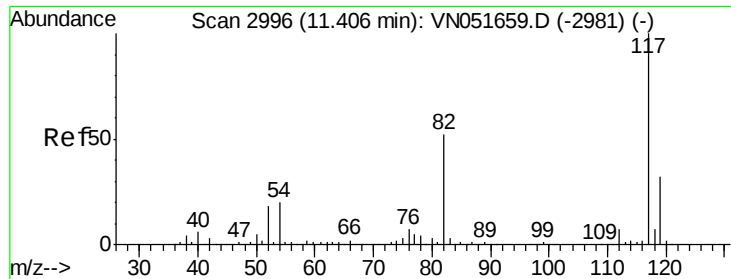
Tot Ion:107 Resp: 142156
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 19.591 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 95 Resp: 438777
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 182.8
 176 91.5 0.0 176.4

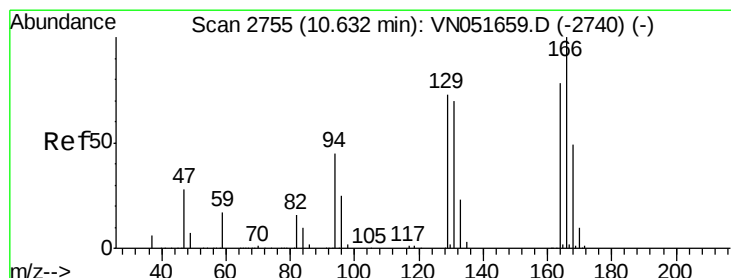
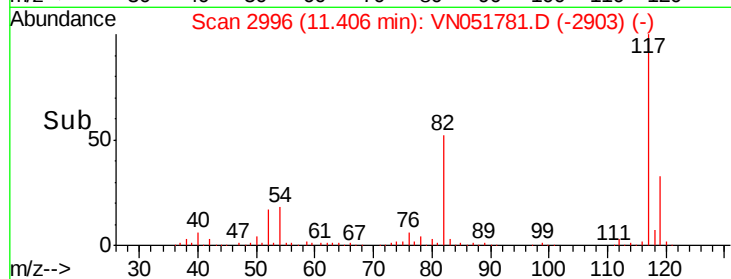
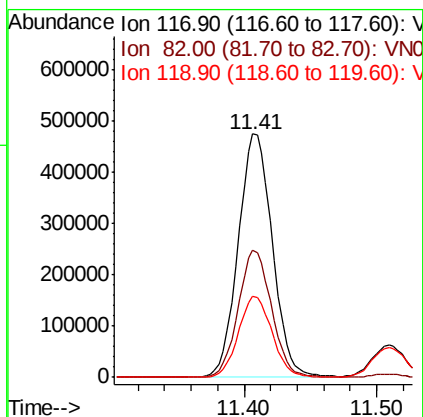
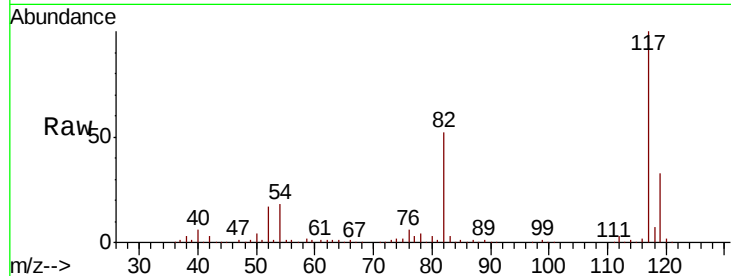




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

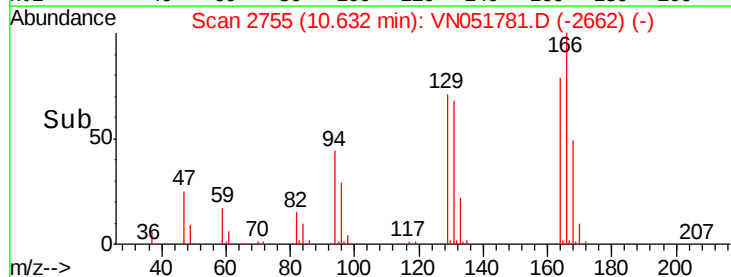
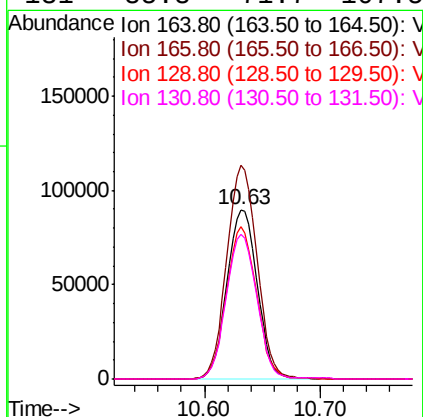
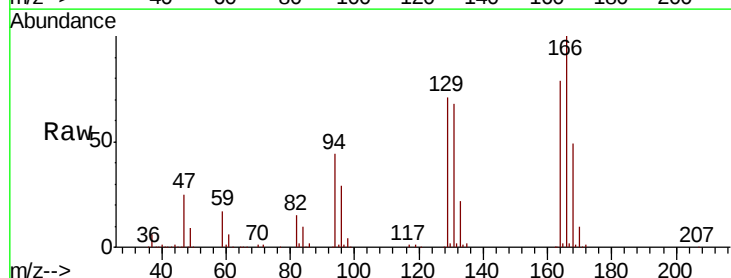
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

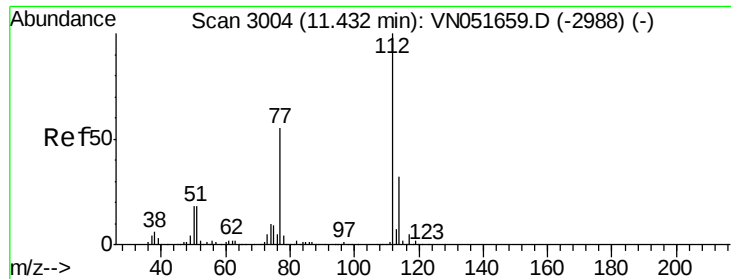
Tot Ion:117 Resp: 849492
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 33.2 25.9 38.9



#64
Tetrachloroethene
Concen: 21.693 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion:164 Resp: 162577
Ion Ratio Lower Upper
164 100
166 126.3 103.0 154.6
129 89.8 75.2 112.8
131 85.8 71.7 107.5

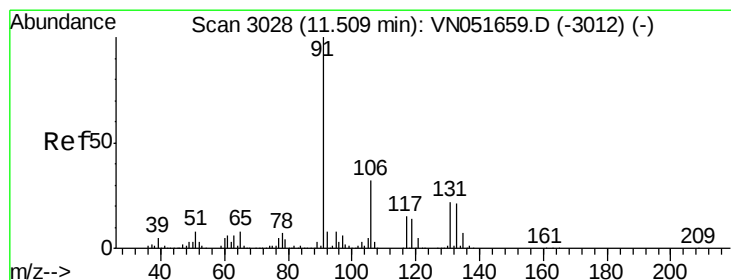
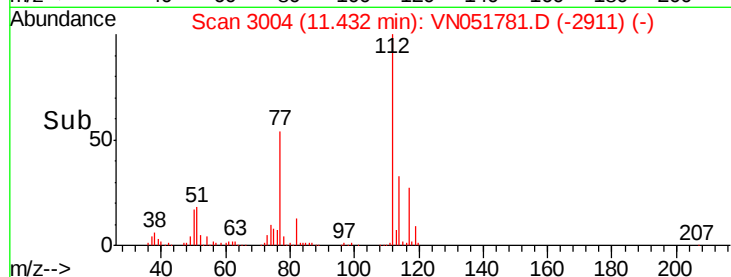
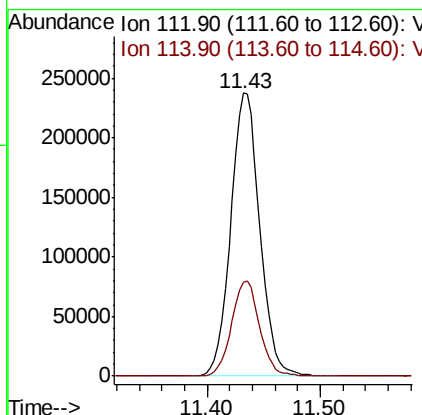
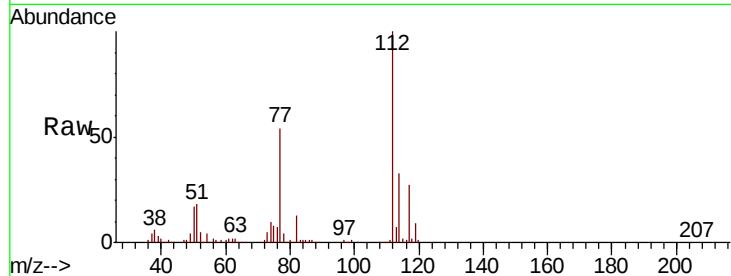




#65
Chlorobenzene
Concen: 20.086 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

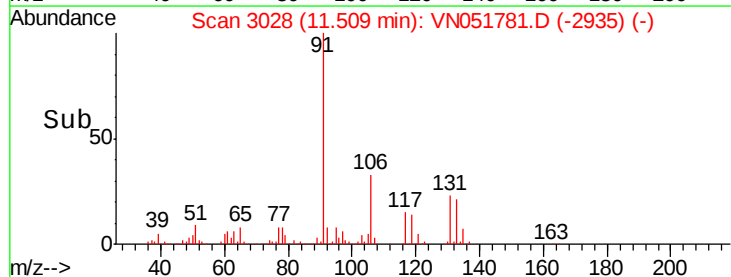
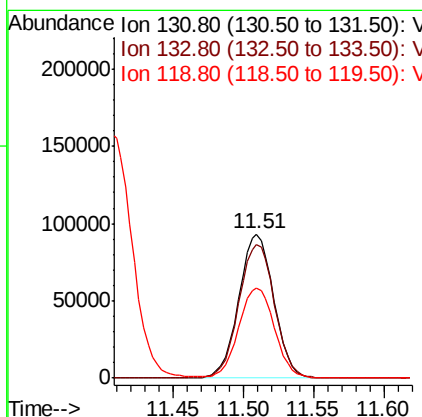
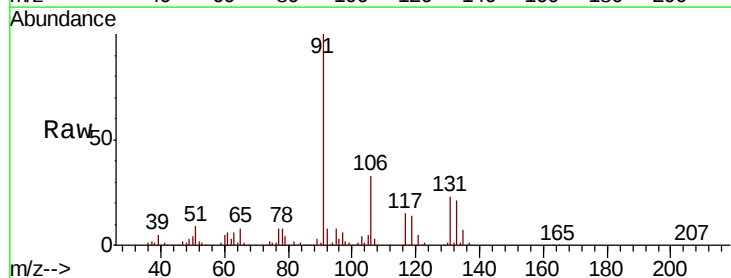
Instrument :
MSVOA_N
ClientSampled :
VN1010WBS01

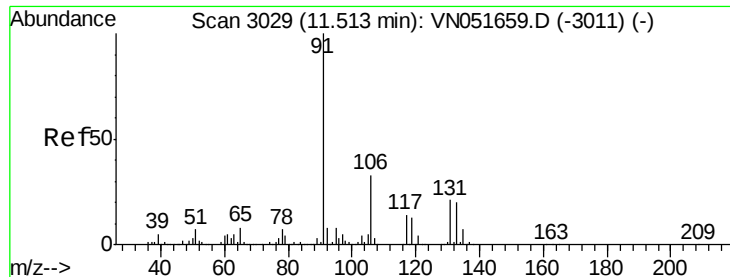
Tot Ion:112 Resp: 422588
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.234 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion:131 Resp: 162026
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.8
119 64.2 32.0 96.0

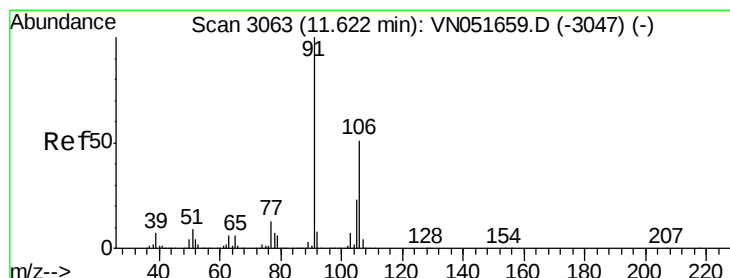
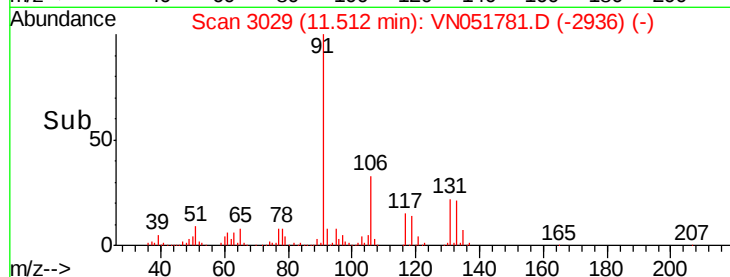
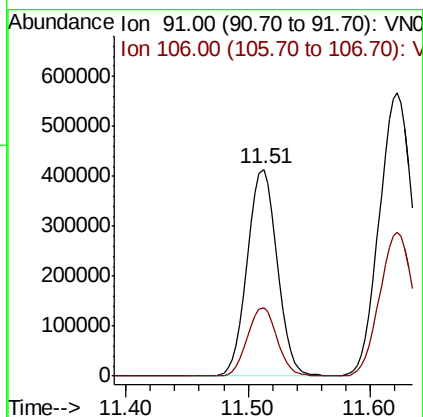
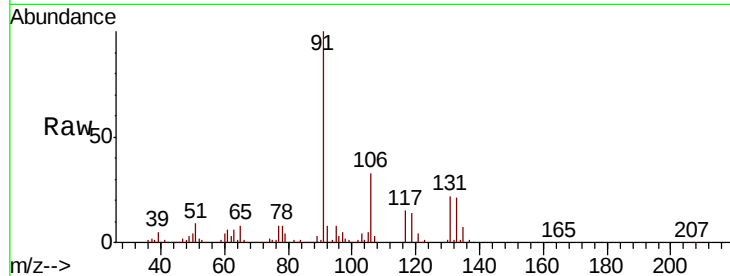




#67
Ethyl Benzene
Concen: 19.211 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

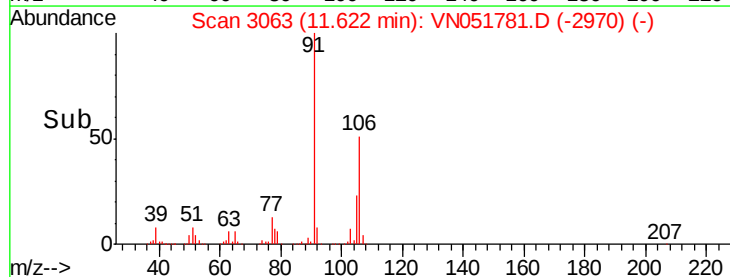
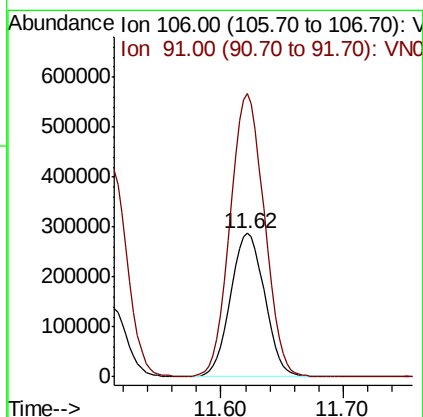
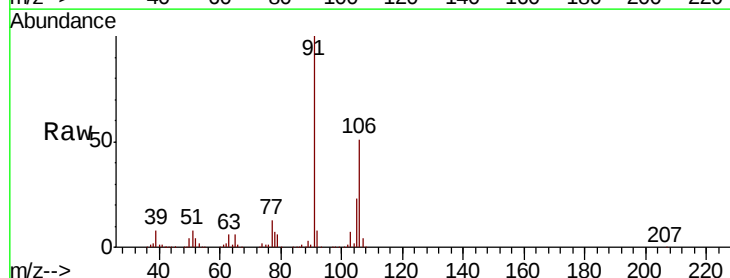
Instrument :
MSVOA_N
ClientSampled :
VN1010WBS01

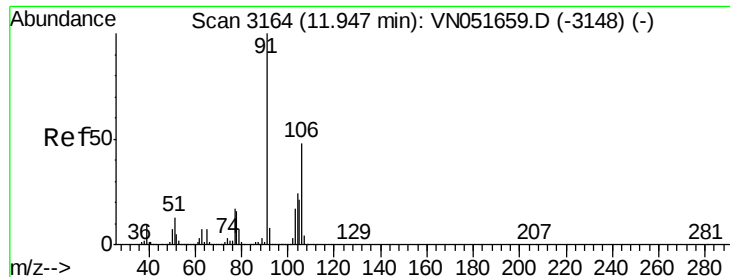
Tot Ion: 91 Resp: 698595
Ion Ratio Lower Upper
91 100
106 33.2 26.0 39.0



#68
m/p-Xylenes
Concen: 38.454 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion: 106 Resp: 559511
Ion Ratio Lower Upper
106 100
91 197.6 158.4 237.6

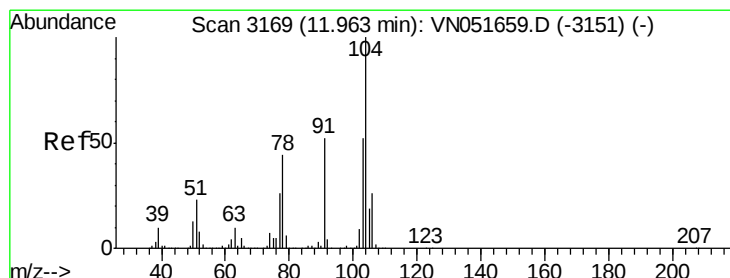
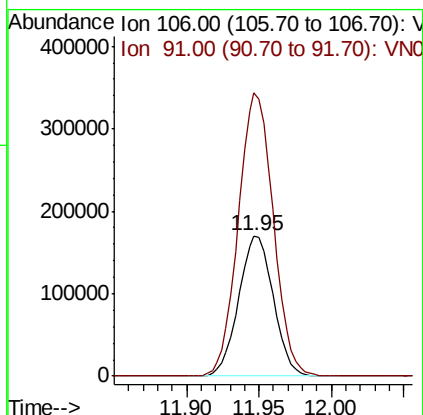
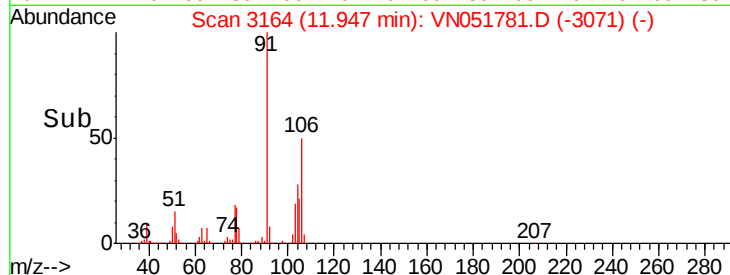
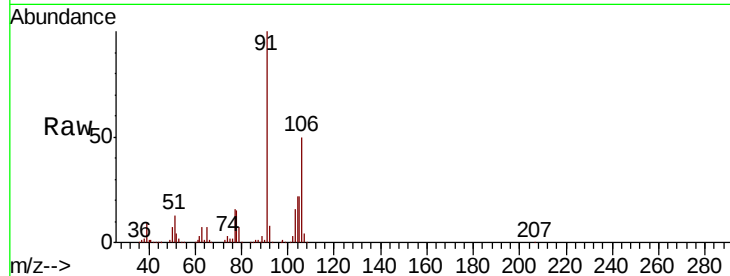




#69
o-Xylene
Concen: 19.819 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

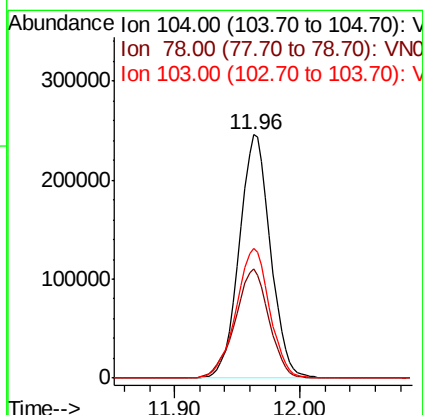
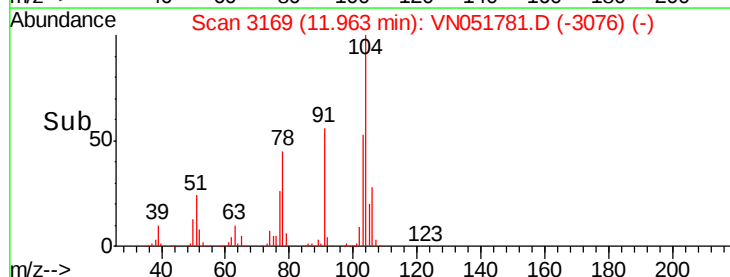
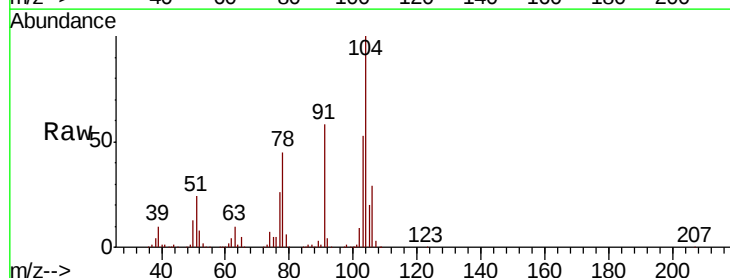
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBS01

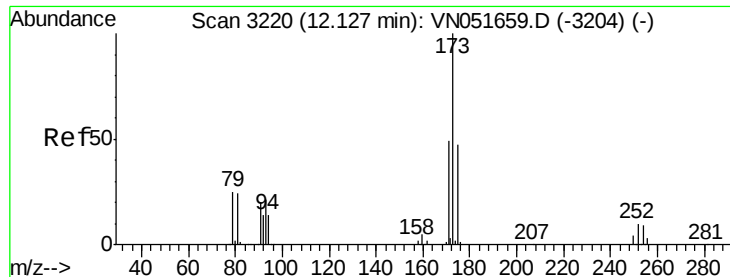
Tot Ion:106 Resp: 282806
Ion Ratio Lower Upper
106 100
91 203.8 104.4 313.2



#70
Styrene
Concen: 18.660 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051781.D
Acq: 10 Oct 2018 11:11

Tgt Ion:104 Resp: 424293
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 57.5 45.0 67.6

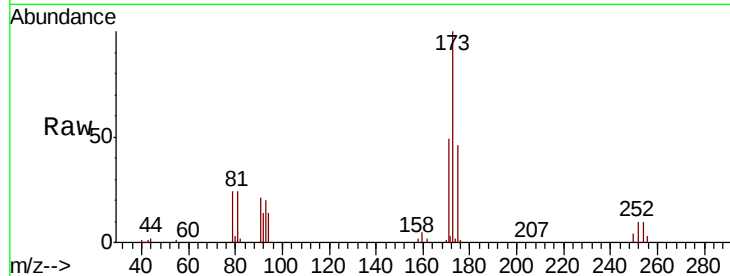




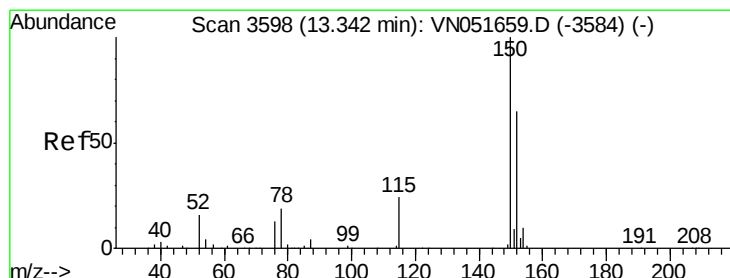
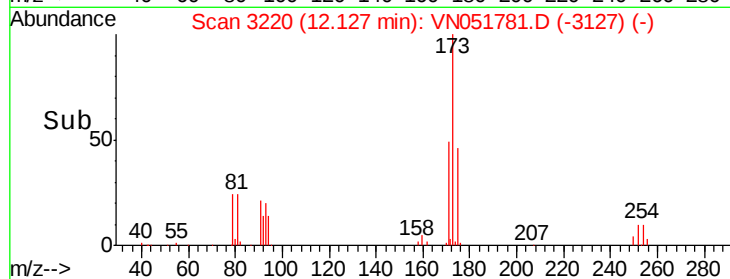
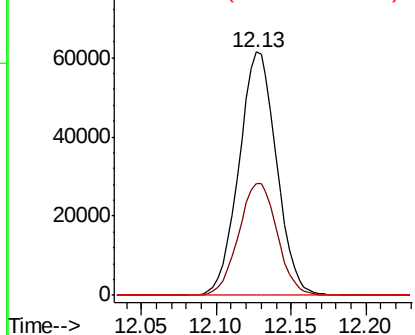
#71
 Bromoform
 Concen: 17.120 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Tot Ion:173 Resp: 107274
 Ion Ratio Lower Upper
 173 100
 175 47.3 24.0 72.0
 254 0.0 0.1 0.1#

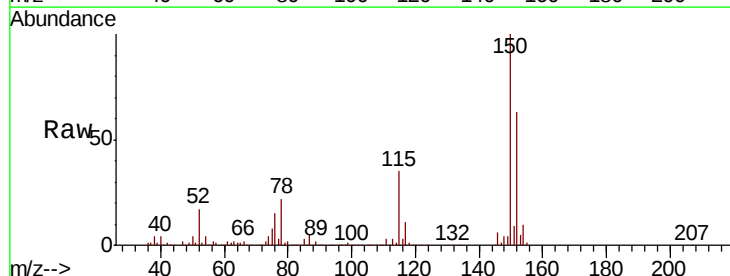


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

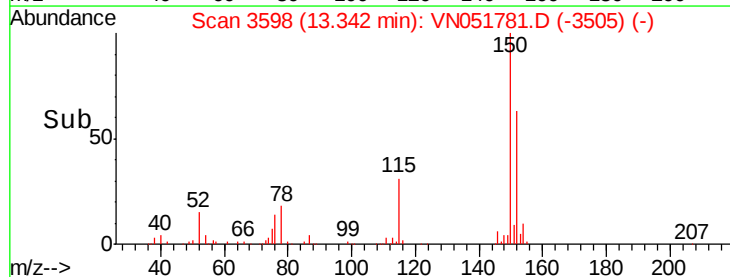
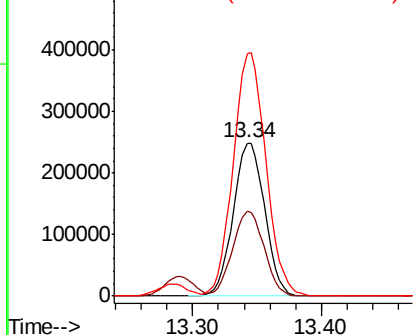


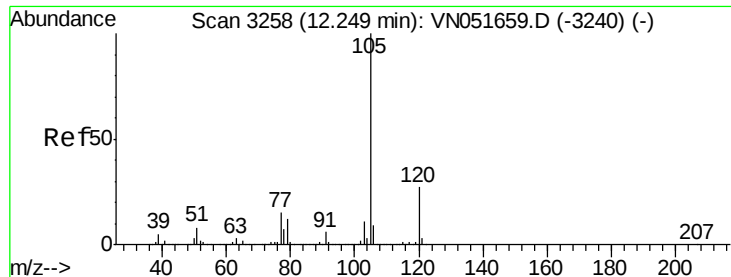
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion:152 Resp: 420157
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.6 85.8
 150 165.9 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: 20.937 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

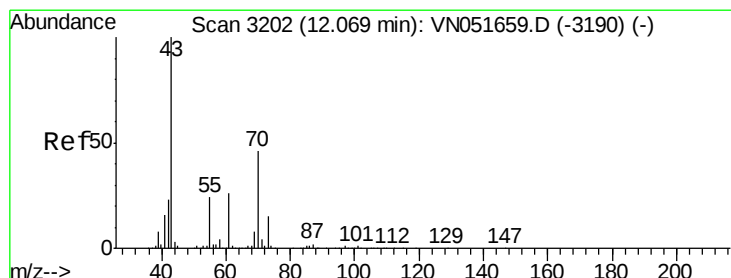
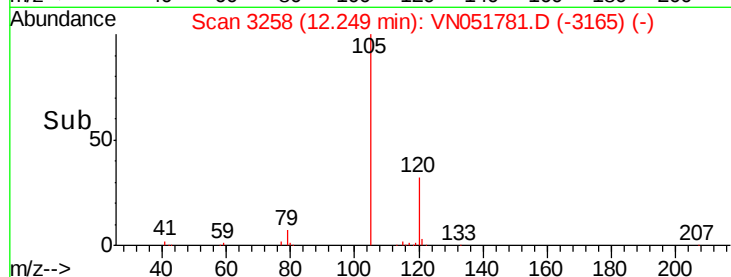
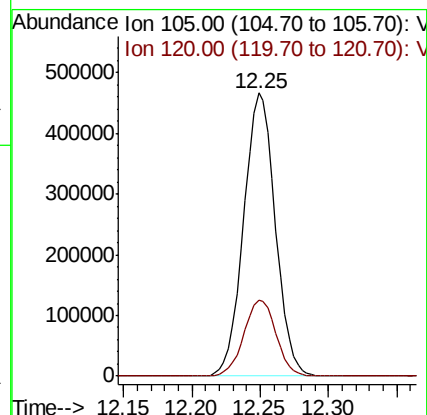
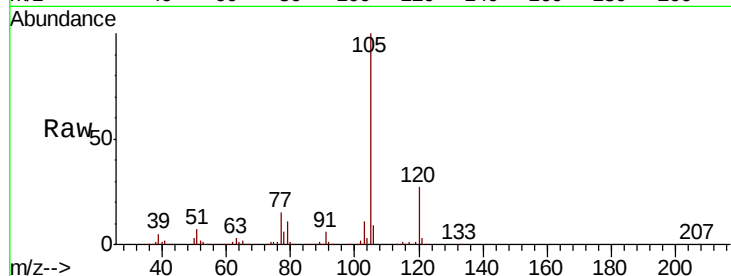
VN1010WBS01

Tot Ion:105 Resp: 749863

Ion Ratio Lower Upper

105 100

120 27.4 13.9 41.6



#74

N-ethyl acetate

Concen: 18.331 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Tgt Ion: 43 Resp: 151084

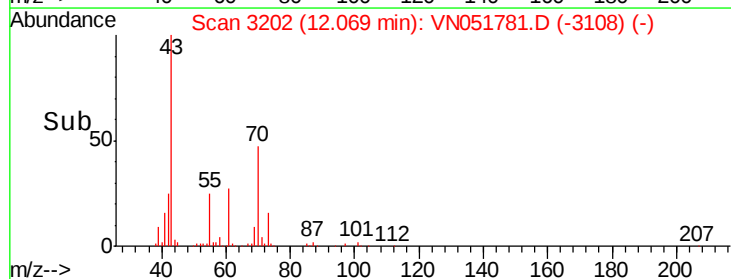
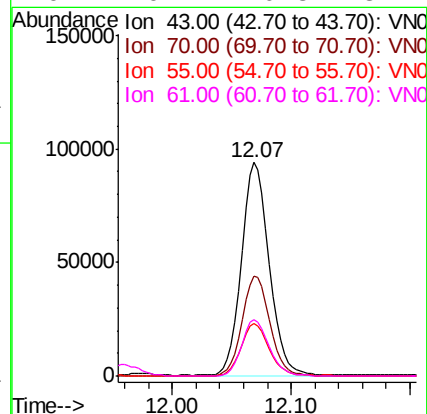
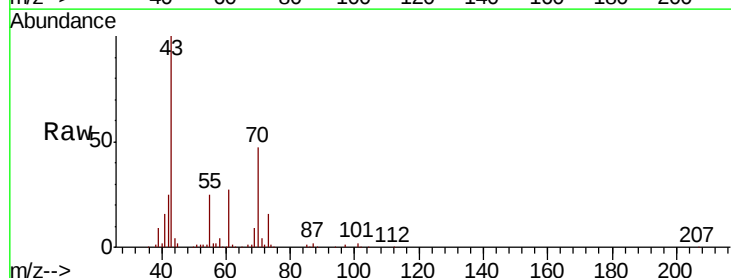
Ion Ratio Lower Upper

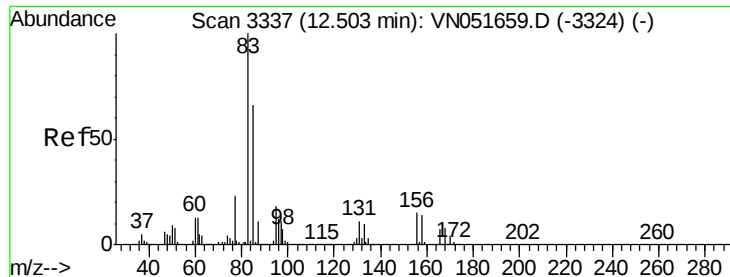
43 100

70 47.4 37.1 55.7

55 25.2 19.1 28.7

61 26.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.223 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

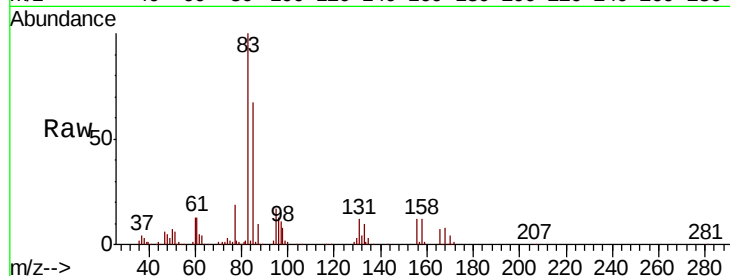
Tot Ion: 83 Resp: 162849

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.1

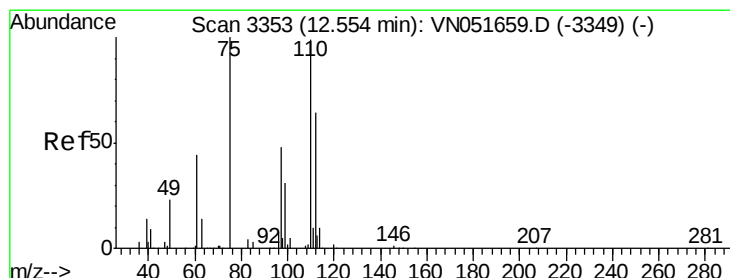
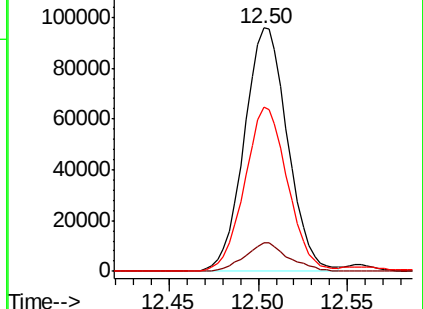
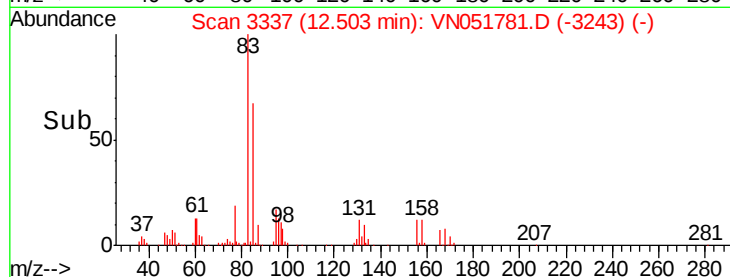
85 66.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN051781.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051781.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051781.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 36.368 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051781.D

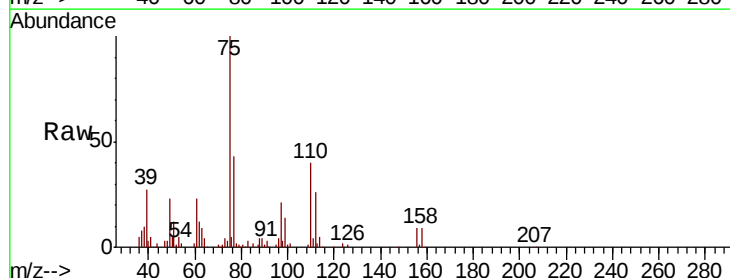
Acq: 10 Oct 2018 11:11

Tgt Ion: 75 Resp: 195703

Ion Ratio Lower Upper

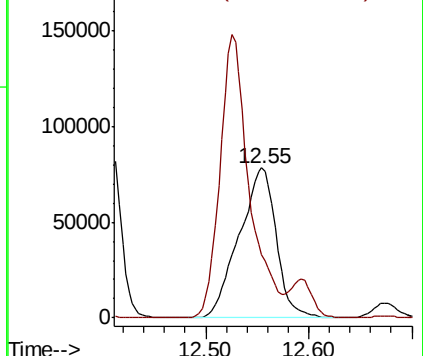
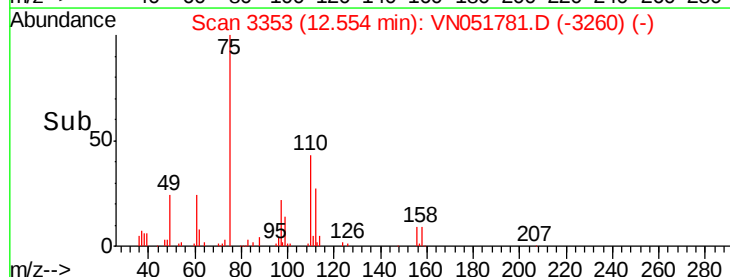
75 100

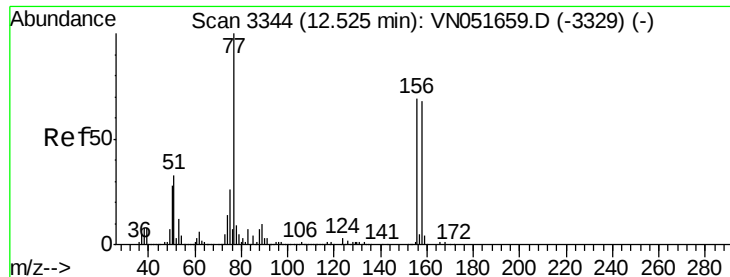
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051781.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051781.D (-3260) (-)





#77

Bromobenzene

Concen: 20.880 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

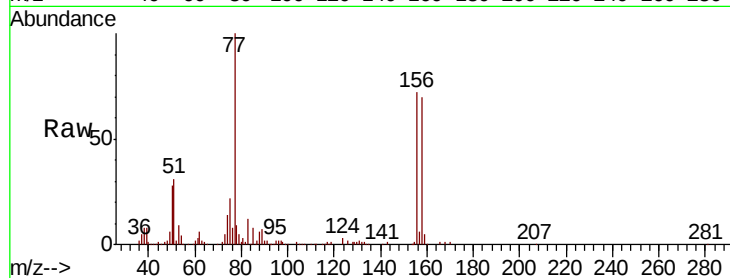
Tot Ion:156 Resp: 182850

Ion Ratio Lower Upper

156 100

77 159.9 83.2 249.4

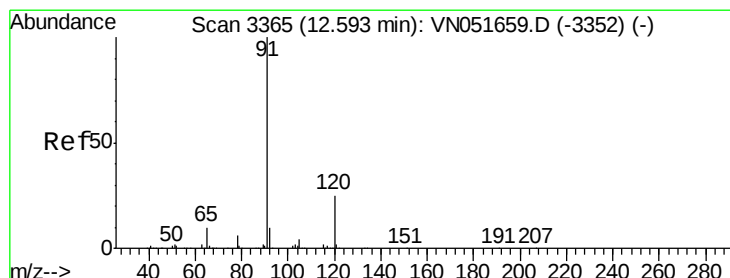
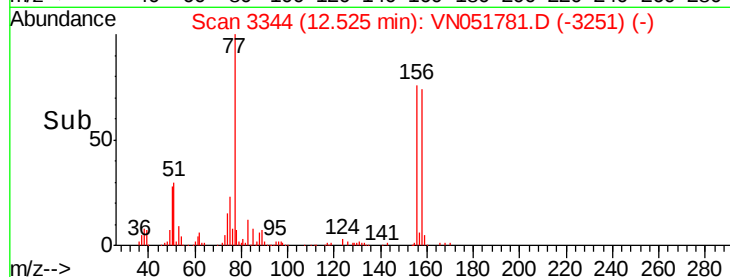
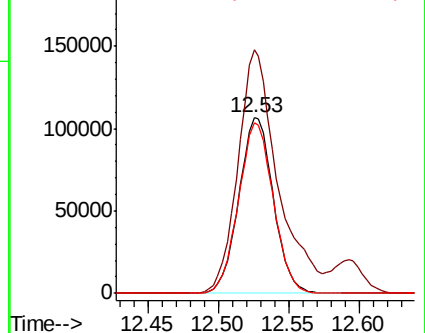
158 97.9 49.0 147.2



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: 20.355 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051781.D

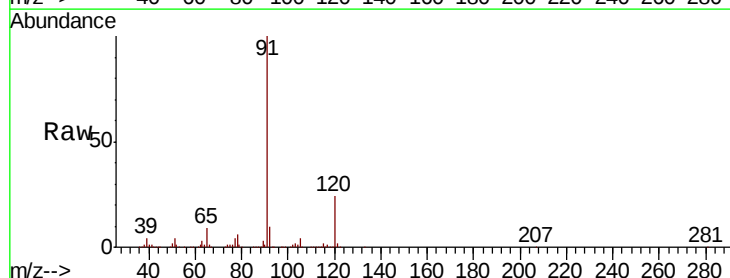
Acq: 10 Oct 2018 11:11

Tgt Ion: 91 Resp: 795160

Ion Ratio Lower Upper

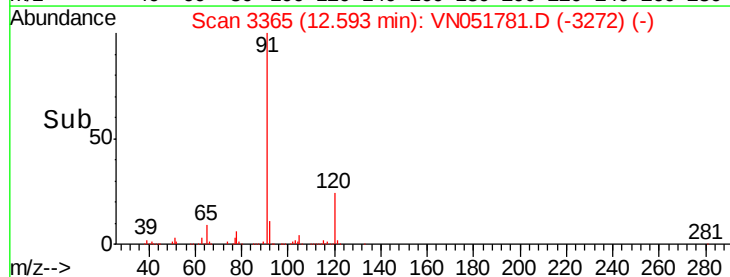
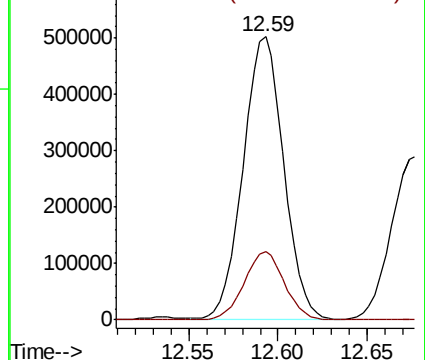
91 100

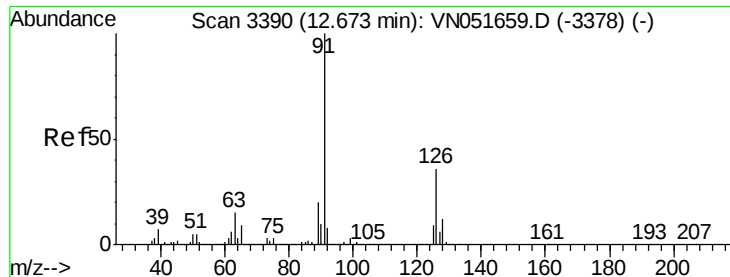
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

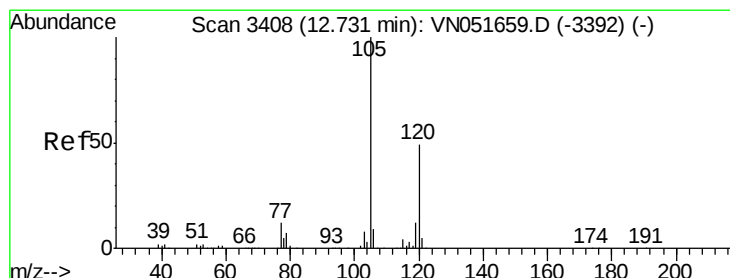
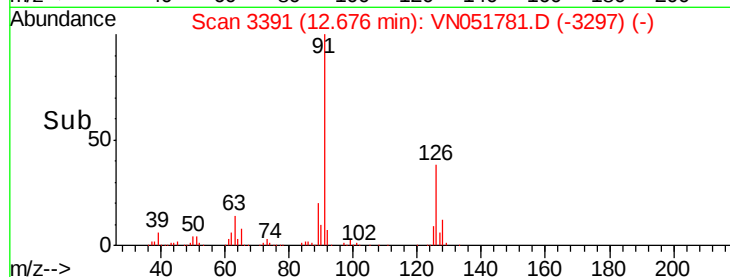
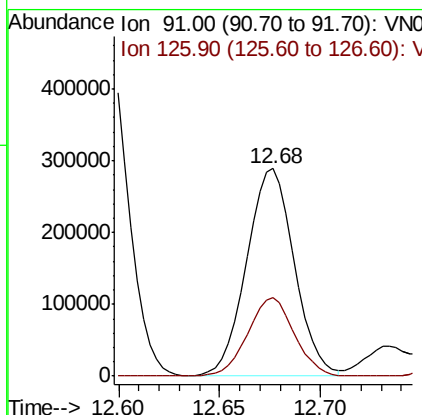
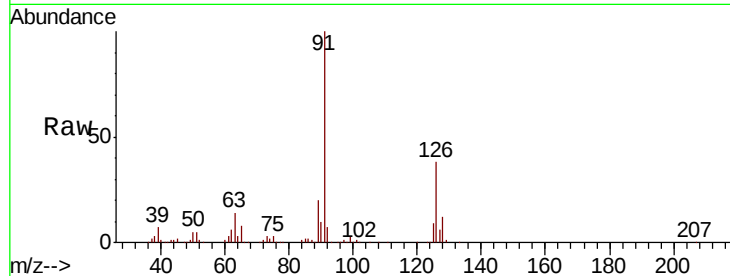




#79
 2-Chlorotoluene
 Concen: 20.621 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

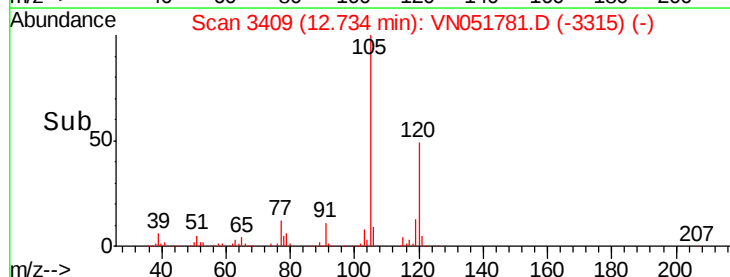
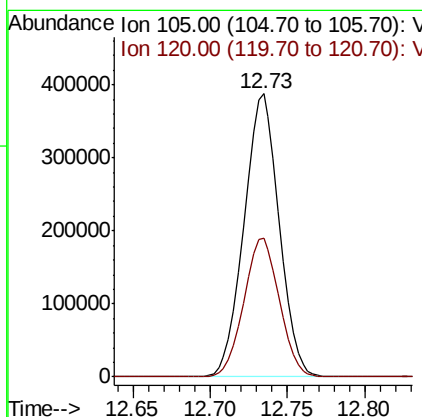
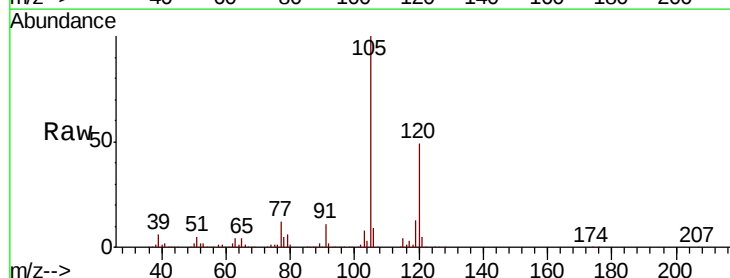
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

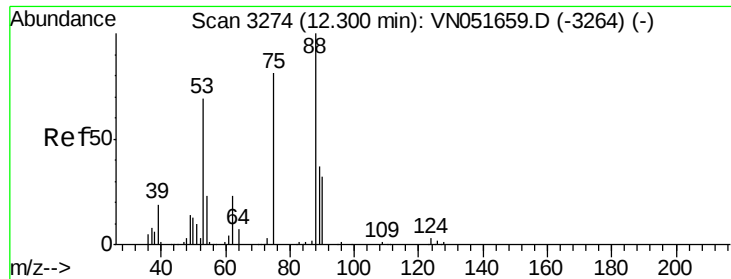
Tot Ion: 91 Resp: 474763
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.285 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion: 105 Resp: 612269
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.342 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

VN1010WBS01

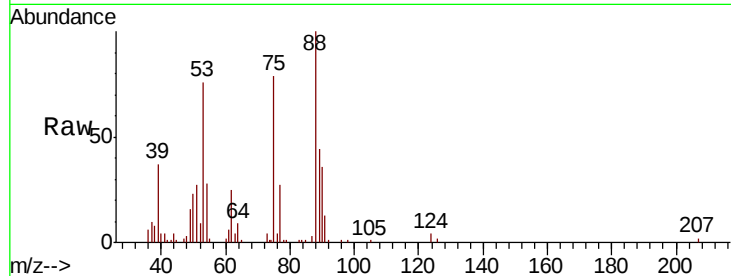
Tot Ion: 75 Resp: 39639

Ion Ratio Lower Upper

75 100

53 91.9 68.6 102.8

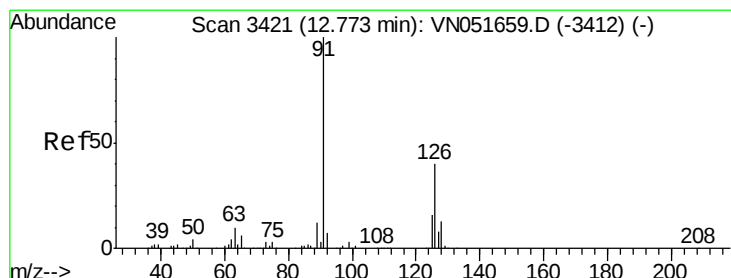
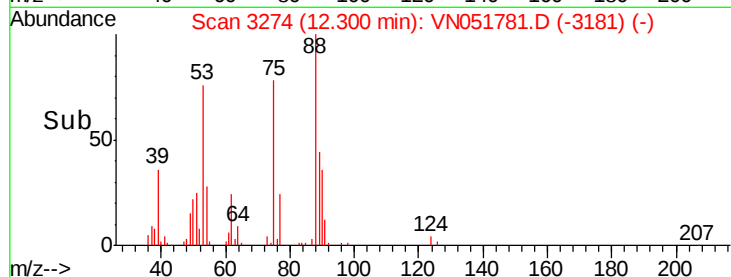
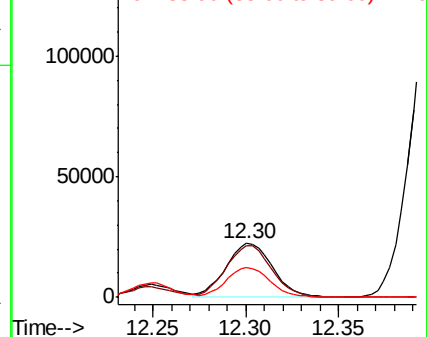
89 51.6 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.875 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051781.D

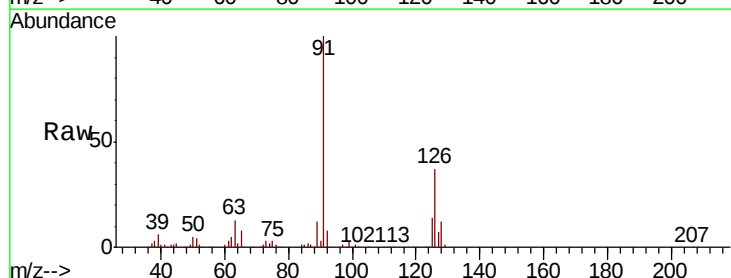
Acq: 10 Oct 2018 11:11

Tgt Ion: 91 Resp: 459678

Ion Ratio Lower Upper

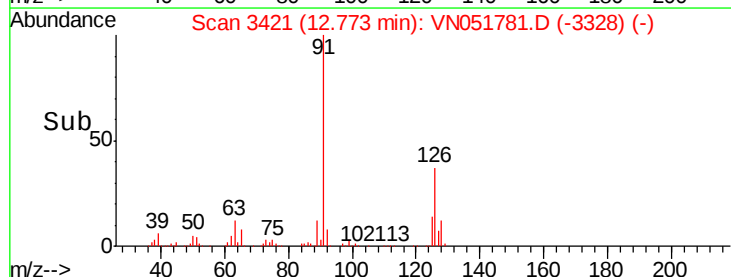
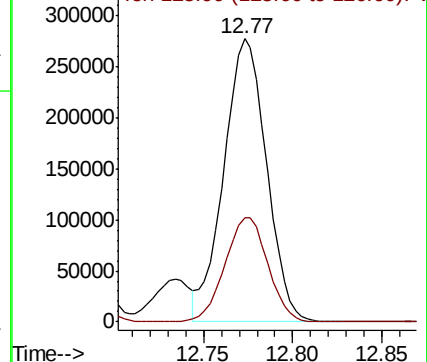
91 100

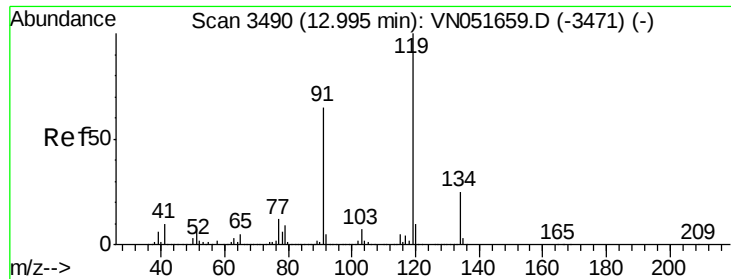
126 37.1 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

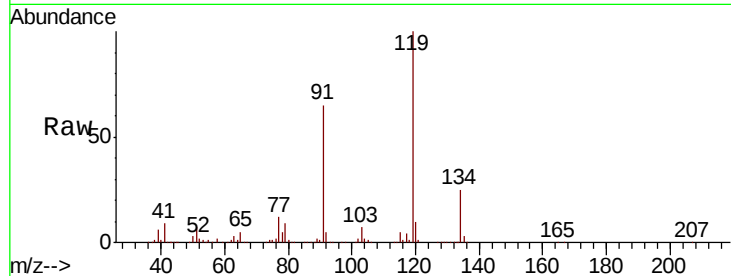




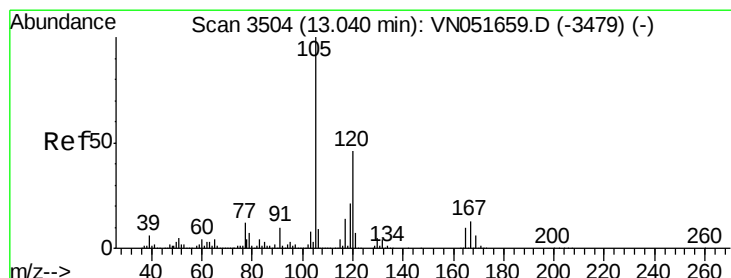
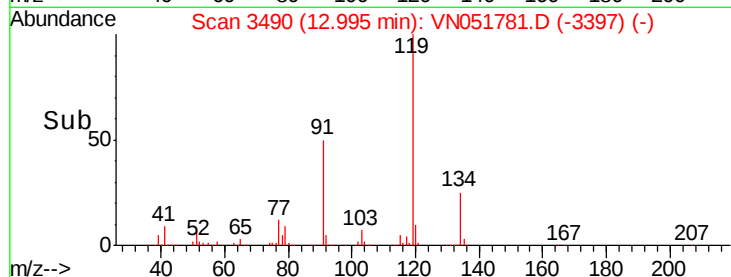
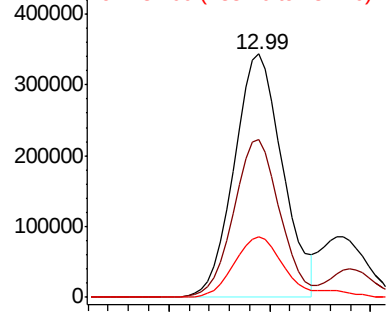
#83
 tert-Butylbenzene
 Concen: 21.231 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	32.1	96.5
134	24.8	13.3	39.9

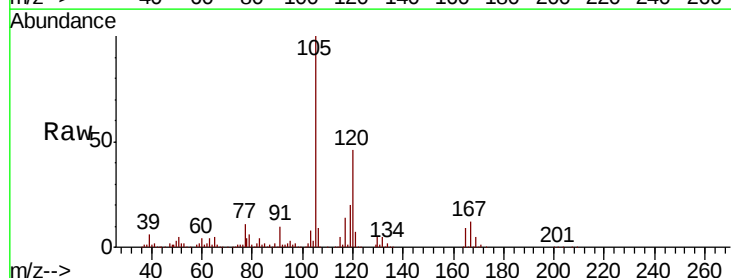


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

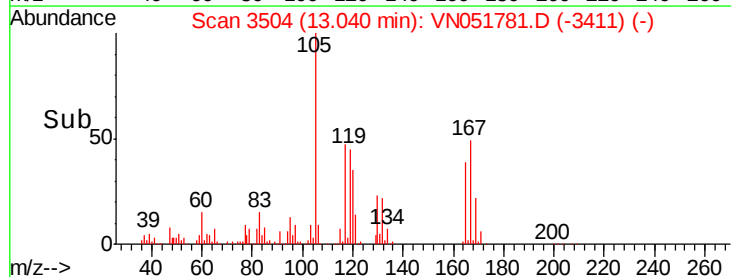
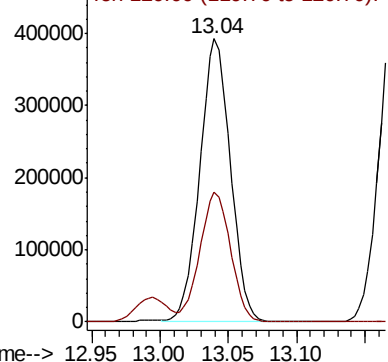


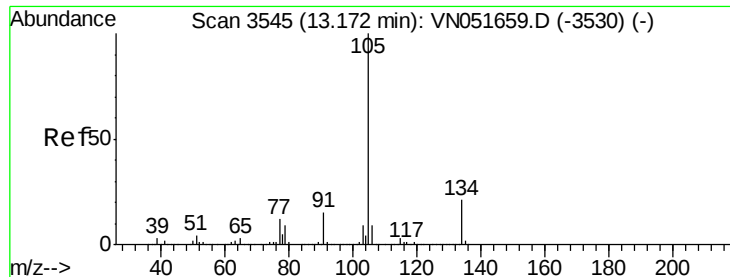
#84
 1,2,4-Trimethylbenzene
 Concen: 20.264 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.7



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

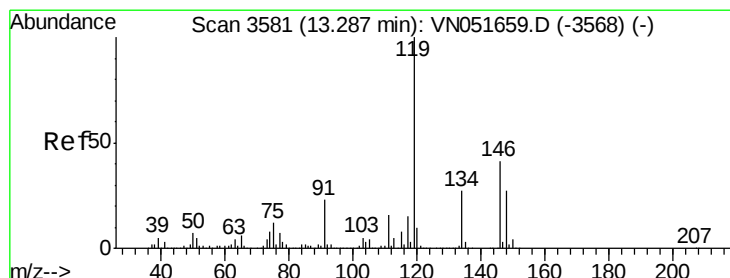
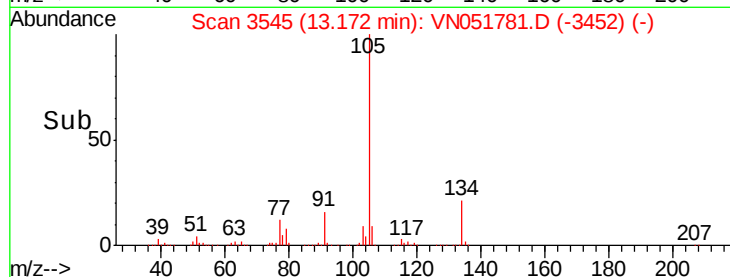
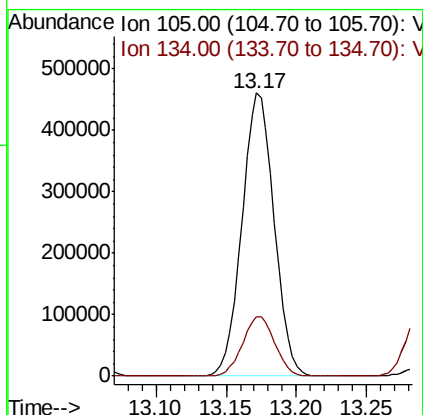
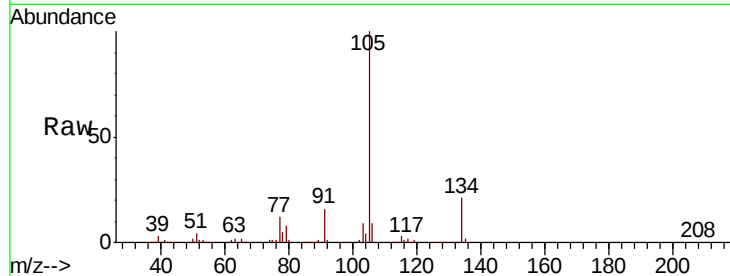




#85
 sec-Butylbenzene
 Concen: 20.542 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

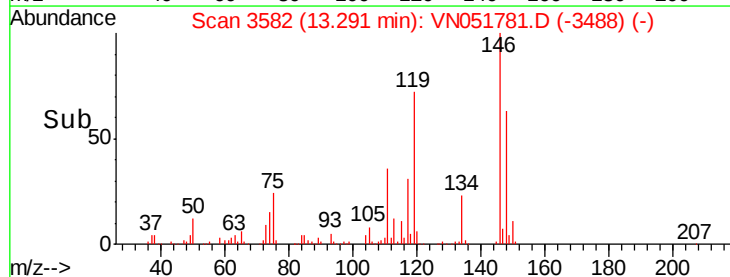
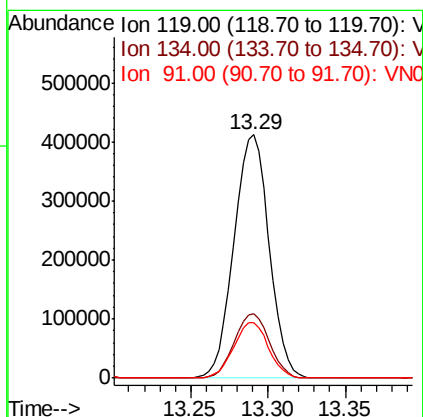
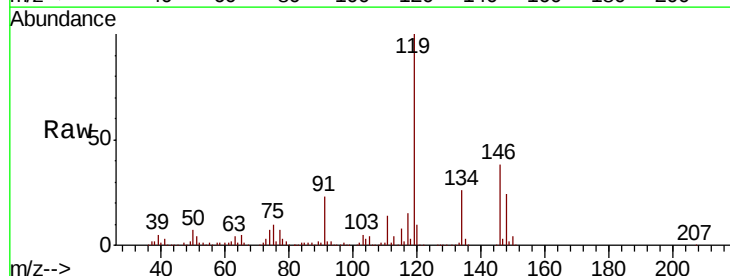
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Tot Ion:105 Resp: 734883
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.445 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion:119 Resp: 648413
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.6 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.670 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

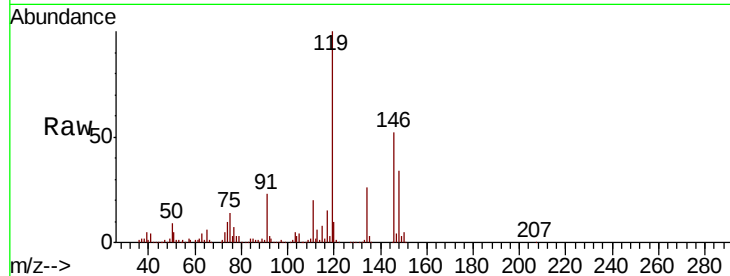
Tot Ion:146 Resp: 315419

Ion Ratio Lower Upper

146 100

111 37.4 19.3 57.9

148 63.3 32.5 97.5

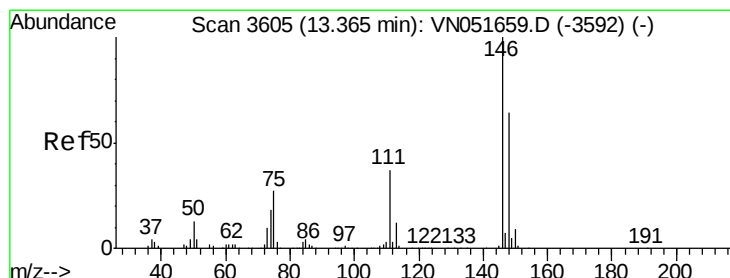
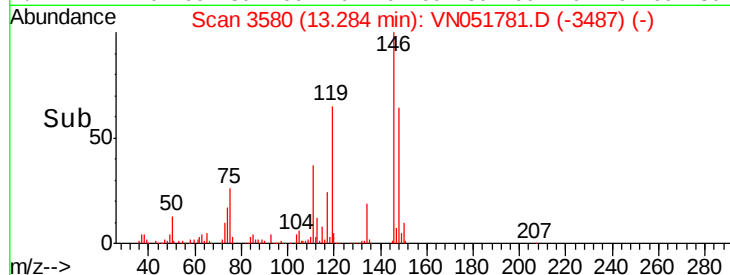
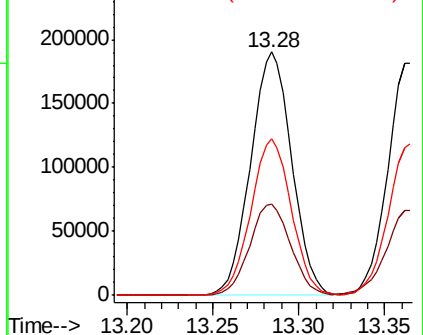


Abundance

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: 20.166 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

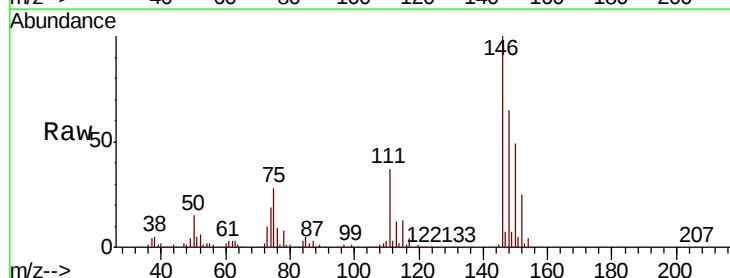
Tgt Ion:146 Resp: 302897

Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 65.1 32.3 96.8

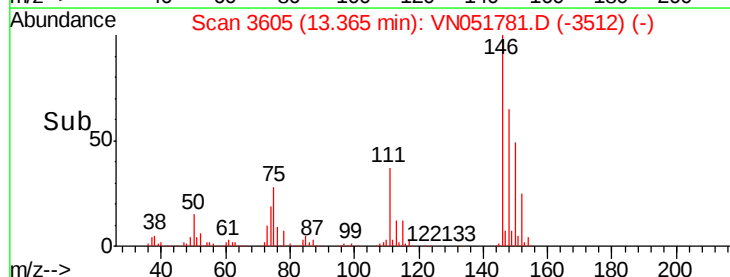
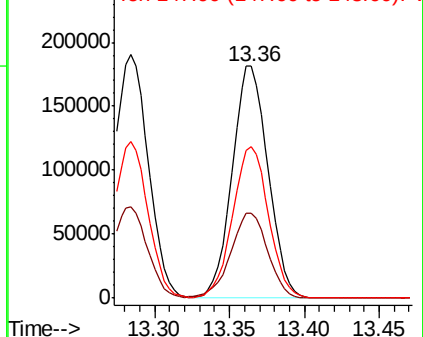


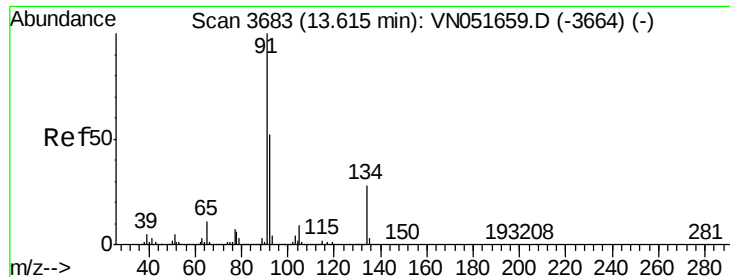
Abundance

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: 19.500 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

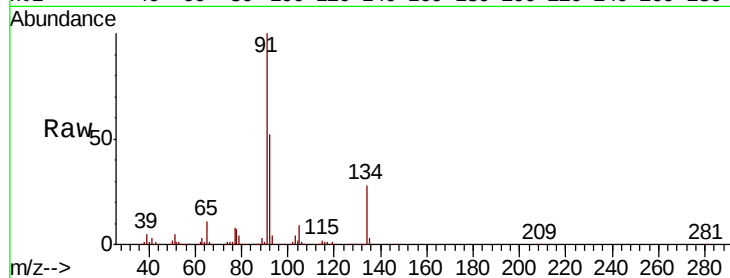
Tot Ion: 91 Resp: 488992

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

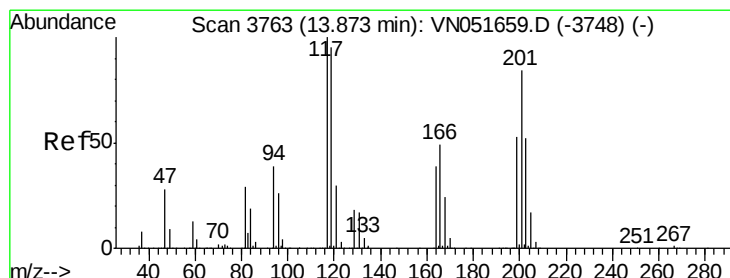
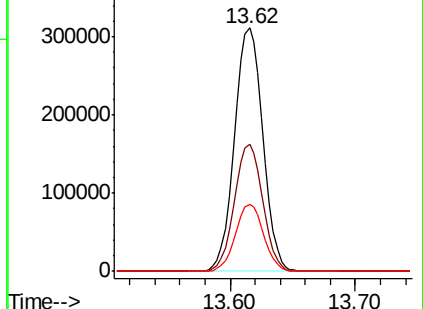
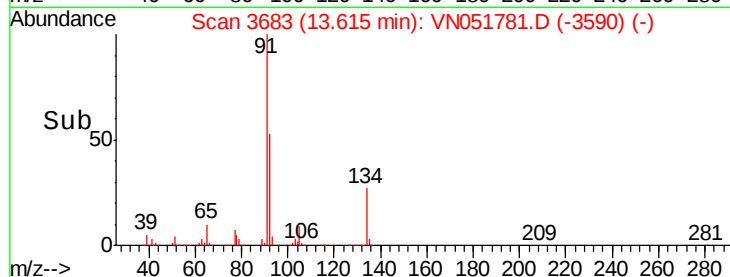
134 27.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VN051781.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN051781.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN051781.D (-3590) (-)



#90

Hexachloroethane

Concen: 18.339 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051781.D

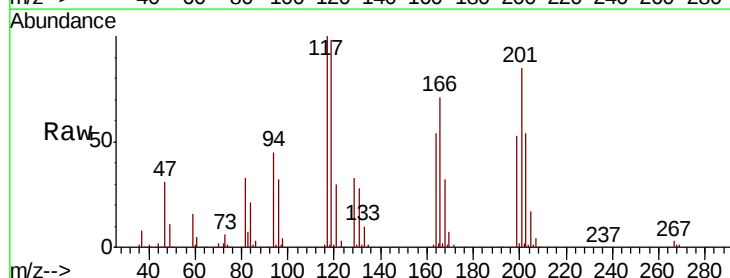
Acq: 10 Oct 2018 11:11

Tgt Ion: 117 Resp: 116045

Ion Ratio Lower Upper

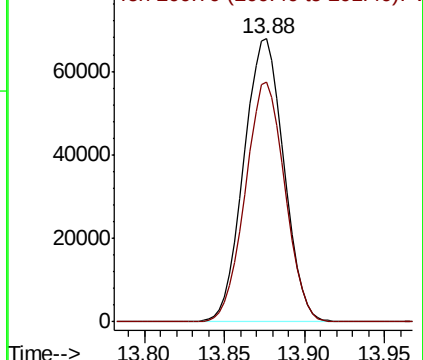
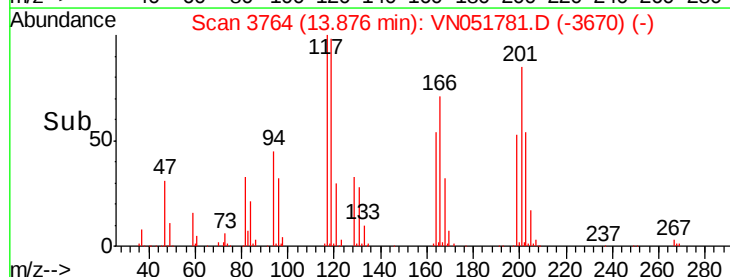
117 100

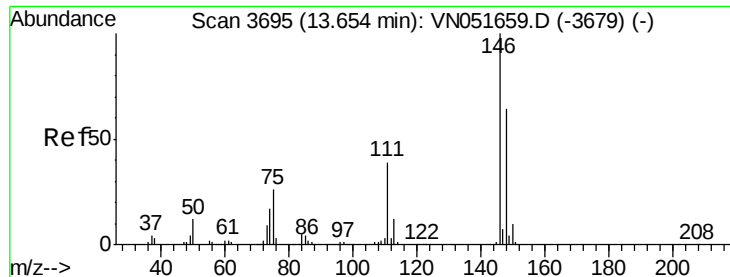
201 83.7 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VN051781.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN051781.D (-3670) (-)





#91

1,2-Dichlorobenzene

Concen: 20.792 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

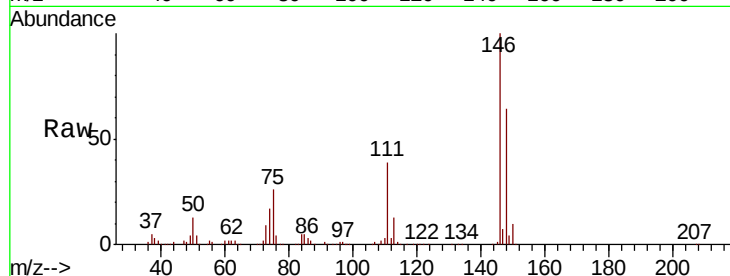
Tot Ion:146 Resp: 315419

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

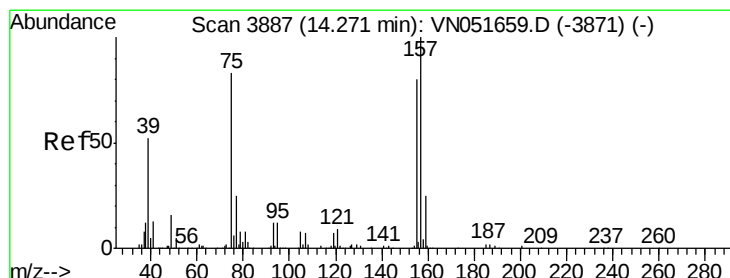
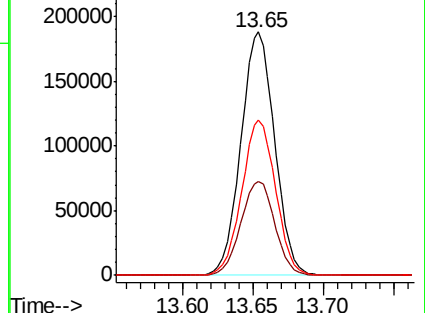
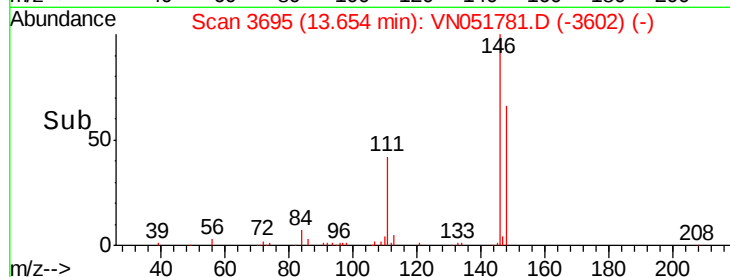
148 63.8 32.1 96.3



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: 20.161 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

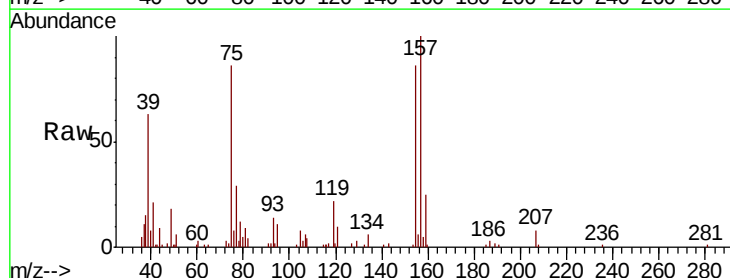
Tgt Ion: 75 Resp: 25366

Ion Ratio Lower Upper

75 100

155 97.2 47.6 142.9

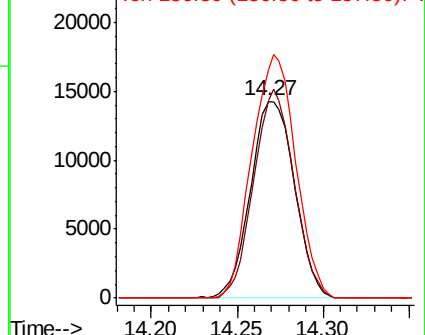
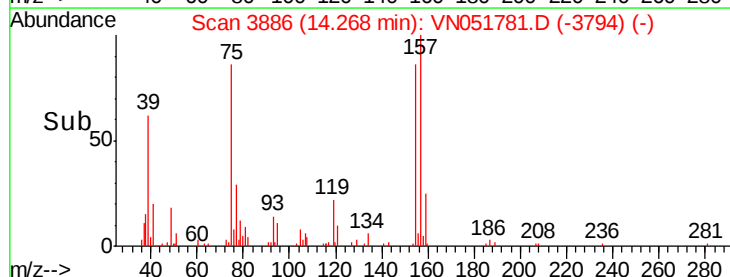
157 122.9 61.7 185.1

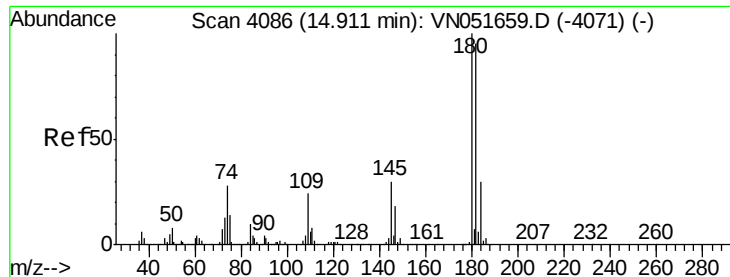


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

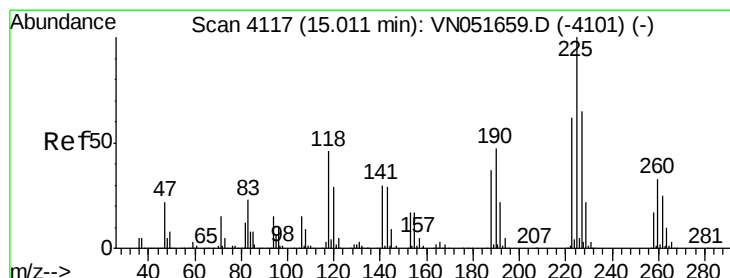
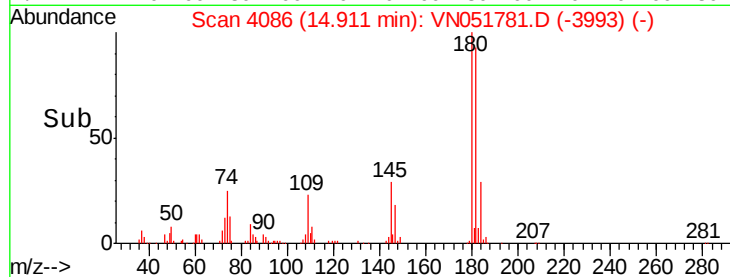
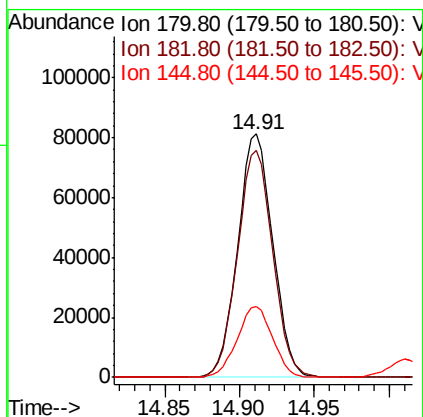
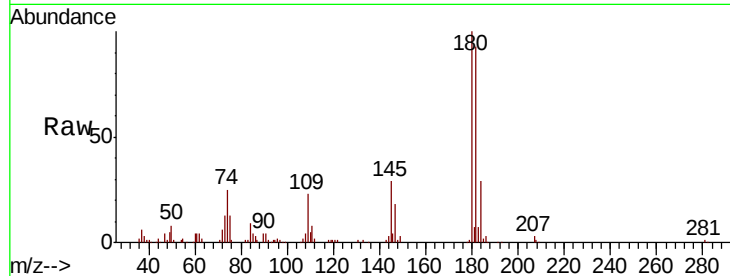




#93
 1,2,4-Trichlorobenzene
 Concen: 19.634 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

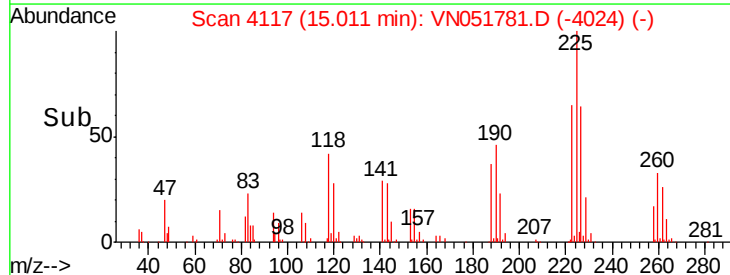
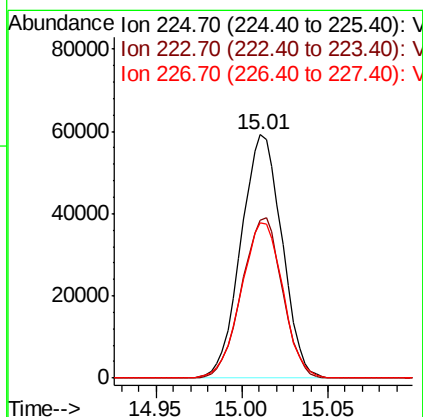
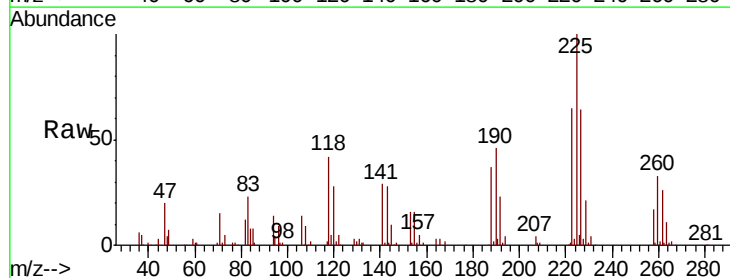
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

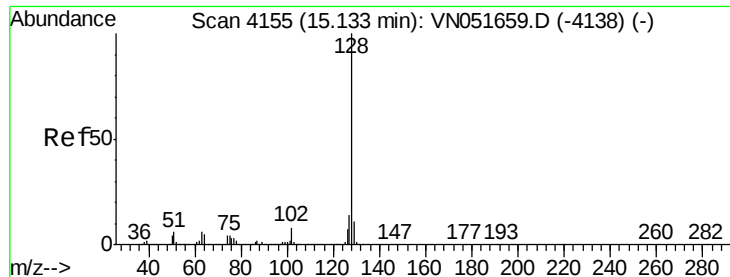
Tot Ion:180 Resp: 132532
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.7 143.1
 145 29.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 21.398 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051781.D
 Acq: 10 Oct 2018 11:11

Tgt Ion:225 Resp: 98004
 Ion Ratio Lower Upper
 225 100
 223 65.3 31.9 95.5
 227 65.0 31.7 95.1





#95

Naphthalene

Concen: 19.193 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBS01

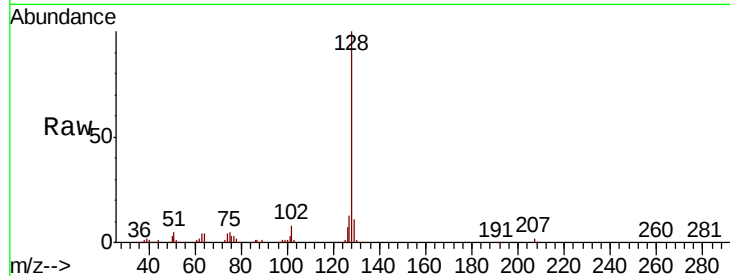
Tot Ion:128 Resp: 279784

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

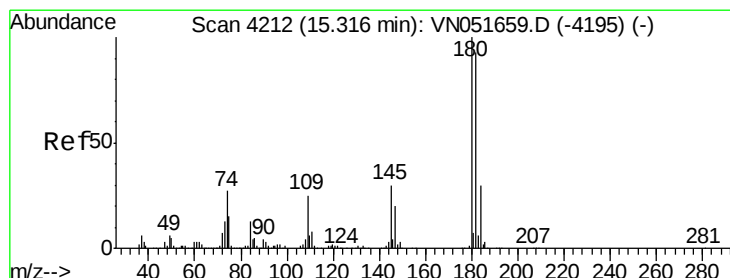
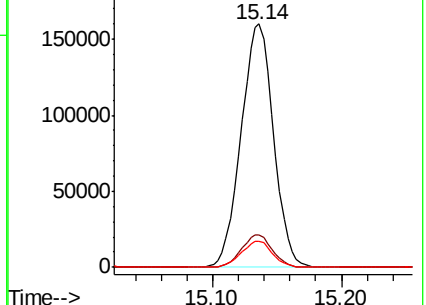
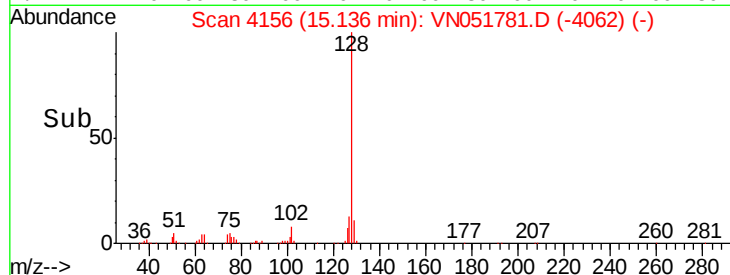
129 10.3 9.0 13.6



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: 20.564 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN051781.D

Acq: 10 Oct 2018 11:11

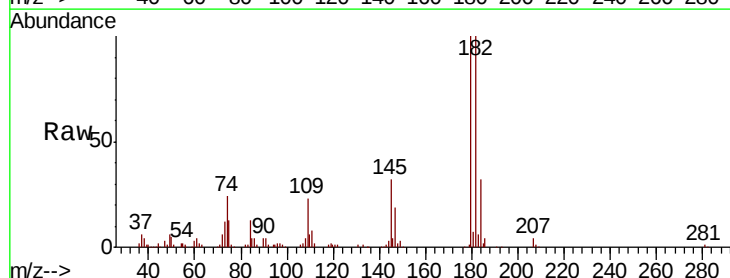
Tgt Ion:180 Resp: 136713

Ion Ratio Lower Upper

180 100

182 97.8 47.3 141.8

145 31.9 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

