

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052769.D
 Acq On : 10 Dec 2018 23:37
 Operator : MD\SY
 Sample : VN1210WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

Quant Time: Dec 11 03:13:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	943021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1478747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1310392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	534499	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	407509	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
50) Toluene-d8	10.09	98	1816558	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	625311	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	139182	15.763	ug/l 98
3) Chloromethane	2.06	50	189803	16.285	ug/l 99
4) Vinyl Chloride	2.19	62	199962	16.701	ug/l 100
5) Bromomethane	2.58	94	120441	16.122	ug/l 100
6) Chloroethane	2.71	64	126259	17.409	ug/l 97
7) Trichlorofluoromethane	3.03	101	270340	18.382	ug/l 99
8) Diethyl Ether	3.42	74	106696	19.645	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	166395	18.132	ug/l 98
10) Methyl Iodide	3.96	142	193651	15.843	ug/l 99
11) Tert butyl alcohol	4.78	59	62549	121.683	ug/l 99
12) 1,1-Dichloroethene	3.74	96	161307	18.261	ug/l 96
13) Acrolein	3.61	56	28534	31.939	ug/l 96
14) Allyl chloride	4.33	41	275863	18.119	ug/l 97
15) Acrylonitrile	4.99	53	331918	102.006	ug/l 99
16) Acetone	3.82	43	224513	82.900	ug/l 98
17) Carbon Disulfide	4.06	76	407010	14.641	ug/l 100
18) Methyl Acetate	4.33	43	165869	21.352	ug/l 97
19) Methyl tert-butyl Ether	5.05	73	492792	20.967	ug/l 98
20) Methylene Chloride	4.56	84	195754	18.471	ug/l 97
21) trans-1,2-Dichloroethene	5.05	96	175872	18.641	ug/l 95
22) Diisopropyl ether	5.95	45	627743	19.629	ug/l 99
23) Vinyl Acetate	5.90	43	1833519	92.049	ug/l 99
24) 1,1-Dichloroethane	5.86	63	350328	19.186	ug/l 99
25) 2-Butanone	6.83	43	373876	97.398	ug/l 97
26) 2,2-Dichloropropane	6.83	77	218977	17.326	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	214379	19.507	ug/l 97
28) Bromochloromethane	7.20	49	168196	20.167	ug/l 96
29) Tetrahydrofuran	7.21	42	249780	100.884	ug/l 97
30) Chloroform	7.37	83	348462	19.128	ug/l 97
31) Cyclohexane	7.66	56	300654	16.769	ug/l 92
32) 1,1,1-Trichloroethane	7.57	97	287060	19.888	ug/l 98
36) 1,1-Dichloropropene	7.80	75	254070	18.194	ug/l 98
37) Ethyl Acetate	6.93	43	171431	20.116	ug/l 99
38) Carbon Tetrachloride	7.78	117	245848	19.448	ug/l 100

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Instrument :
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 ClientSampleId :
 VN1210WBS03

Quant Time: Dec 11 03:13:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	284550	16.765	ug/l	98
40) Benzene	8.04	78	793846	19.075	ug/l	99
41) Methacrylonitrile	7.17	41	103533	22.221	ug/l #	91
42) 1,2-Dichloroethane	8.12	62	250180	19.854	ug/l	100
43) Isopropyl Acetate	8.17	43	324358	22.490	ug/l	96
44) Trichloroethene	8.84	130	212310	19.917	ug/l	99
45) 1,2-Dichloropropane	9.12	63	216947	19.608	ug/l	98
46) Dibromomethane	9.21	93	125344	20.465	ug/l	98
47) Bromodichloromethane	9.40	83	264067	19.830	ug/l	98
48) Methyl methacrylate	9.20	41	152041	20.218	ug/l	97
49) 1,4-Dioxane	9.20	88	37948	486.223	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	865315	106.936	ug/l	99
52) Toluene	10.16	92	488147	19.742	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	252411	19.703	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	295536	19.250	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	182751	21.012	ug/l	98
56) Ethyl methacrylate	10.43	69	234157	21.037	ug/l	98
57) 1,3-Dichloropropane	10.71	76	313704	20.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	664941	105.361	ug/l	100
59) 2-Hexanone	10.75	43	574843	105.847	ug/l	99
60) Dibromochloromethane	10.90	129	195679	20.715	ug/l	100
61) 1,2-Dibromoethane	11.01	107	176262	20.404	ug/l	99
64) Tetrachloroethene	10.63	164	225099	22.156	ug/l	98
65) Chlorobenzene	11.44	112	542555	20.080	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	192705	20.511	ug/l	99
67) Ethyl Benzene	11.51	91	928272	19.618	ug/l	99
68) m/p-Xylenes	11.62	106	702679	39.891	ug/l	98
69) o-Xylene	11.95	106	345507	20.198	ug/l	99
70) Styrene	11.97	104	560068	20.557	ug/l	99
71) Bromoform	12.13	173	130396	20.962	ug/l #	99
73) Isopropylbenzene	12.25	105	920966	19.142	ug/l	99
74) N-amyl acetate	12.07	43	260087	21.398	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	211181	19.296	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	267638	28.303	ug/l #	100
77) Bromobenzene	12.53	156	234846	19.749	ug/l	97
78) n-propylbenzene	12.59	91	1035317	18.942	ug/l	99
79) 2-Chlorotoluene	12.68	91	620009	19.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	745100	19.418	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52719	18.618	ug/l	98
82) 4-Chlorotoluene	12.77	91	624124	19.026	ug/l	99
83) tert-Butylbenzene	12.99	119	660459	19.307	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	752462	19.568	ug/l	99
85) sec-Butylbenzene	13.17	105	890274	19.108	ug/l	100
86) p-Isopropyltoluene	13.29	119	760735	19.170	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	407647	19.597	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	404732	19.753	ug/l	99
89) n-Butylbenzene	13.62	91	623490	18.892	ug/l	99
90) Hexachloroethane	13.88	117	124554	18.537	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	402557	20.256	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32300	20.635	ug/l	96

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Quant Time: Dec 11 03:13:42 2018
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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

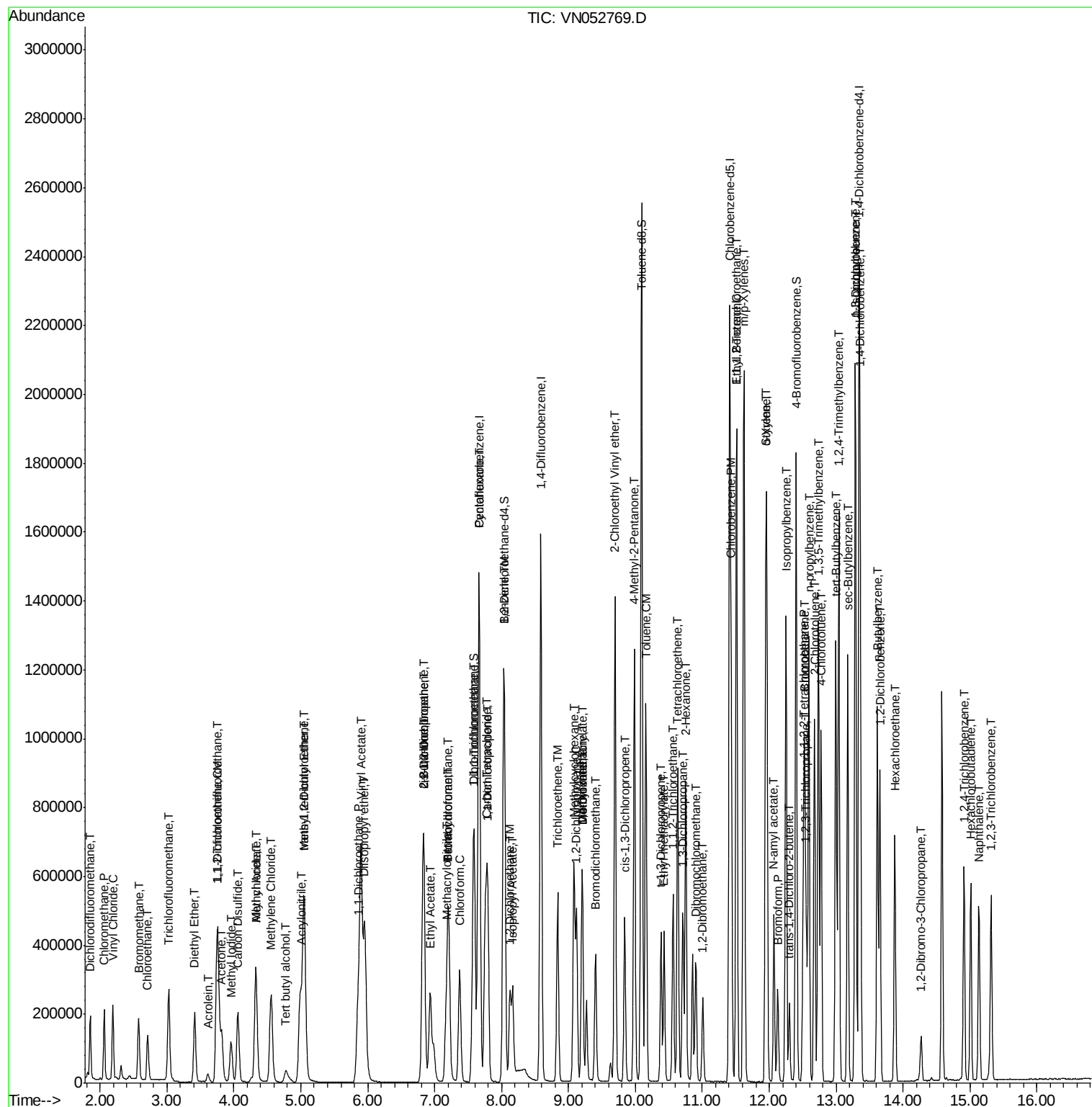
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	217159	21.648	ug/l	98
94) Hexachlorobutadiene	15.01	225	118841	18.588	ug/l	98
95) Naphthalene	15.13	128	459424	21.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	200374	21.653	ug/l	99

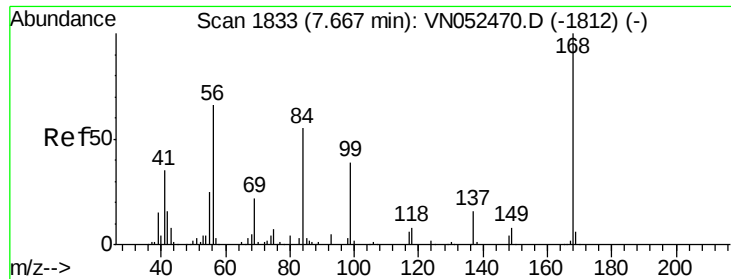
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN052769.D
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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

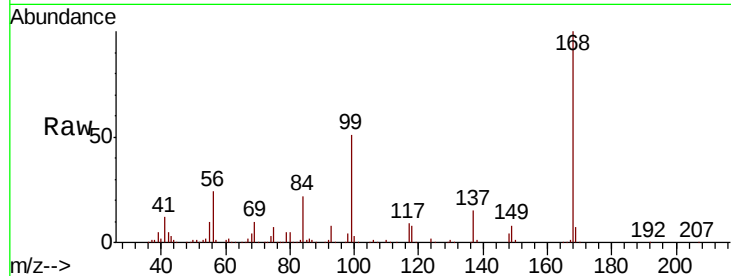
VN1210WBS03

Tot Ion:168 Resp: 943021

Ion Ratio Lower Upper

168 100

99 50.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

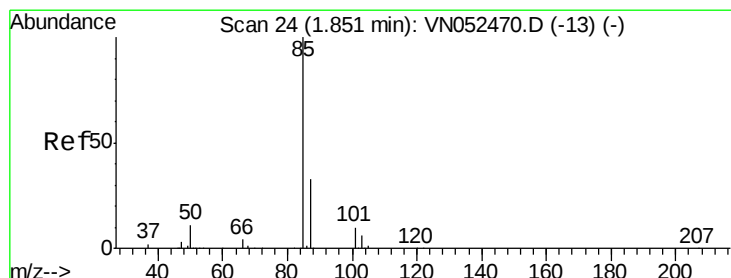
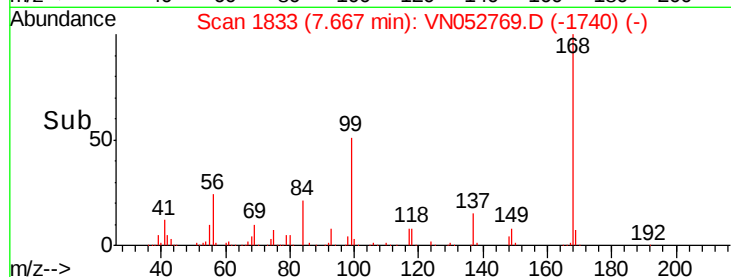
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.763 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052769.D

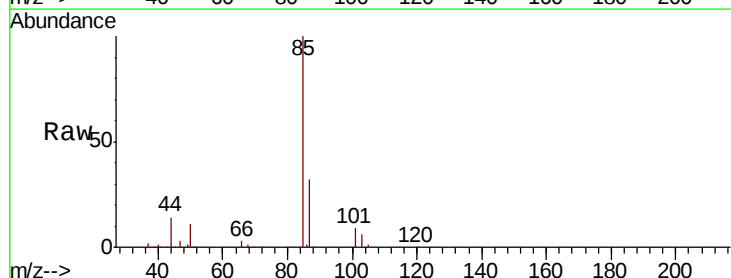
Acq: 10 Dec 2018 23:37

Tgt Ion: 85 Resp: 139182

Ion Ratio Lower Upper

85 100

87 32.4 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

60000

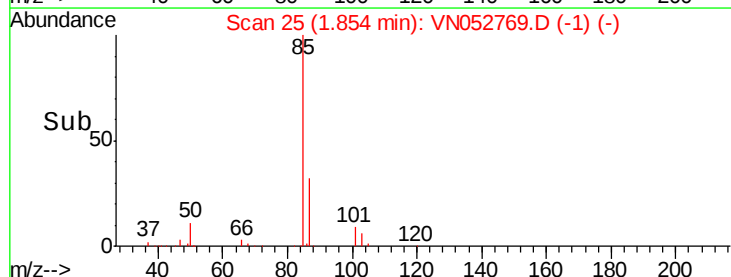
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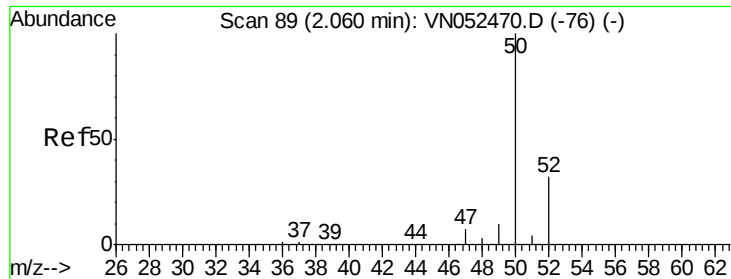
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.285 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

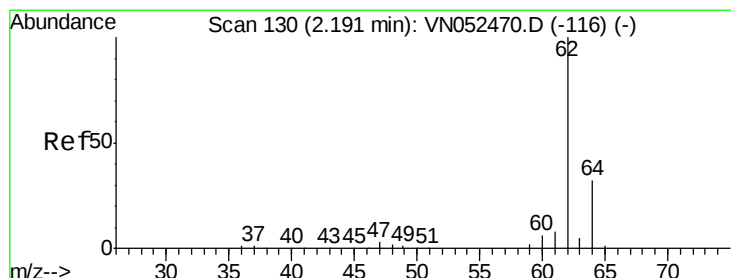
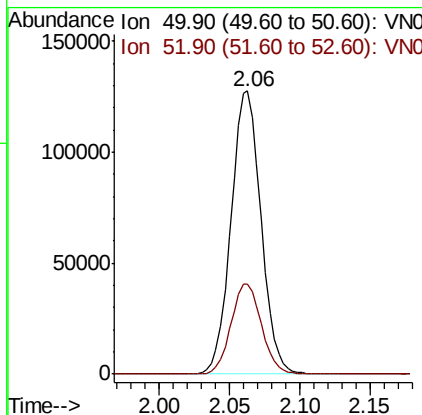
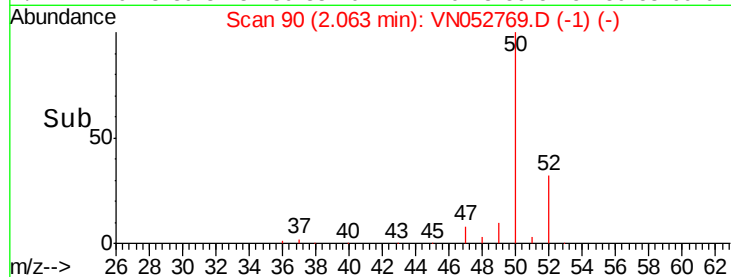
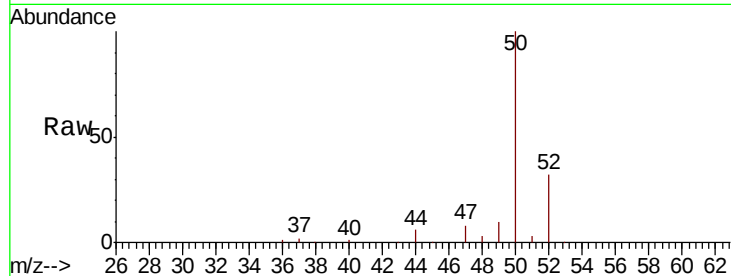
VN1210WBS03

Tot Ion: 50 Resp: 189803

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



#4

Vinyl Chloride

Concen: 16.701 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052769.D

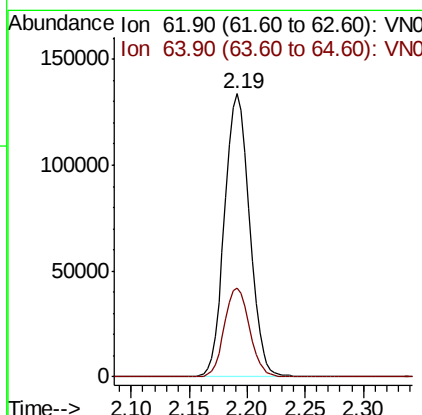
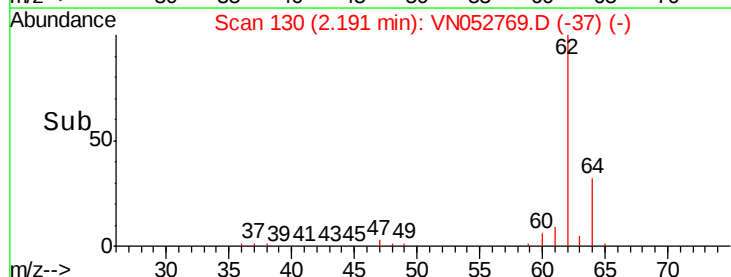
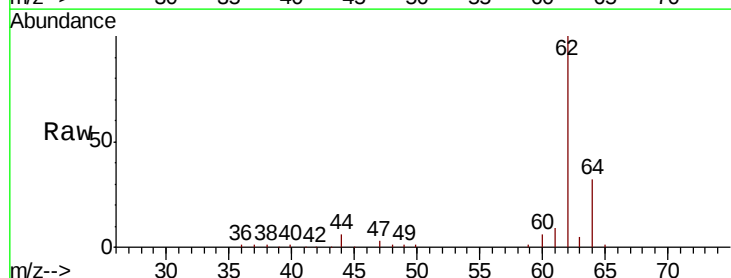
Acq: 10 Dec 2018 23:37

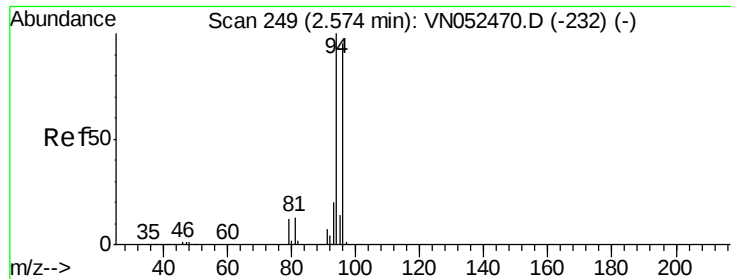
Tgt Ion: 62 Resp: 199962

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 16.122 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

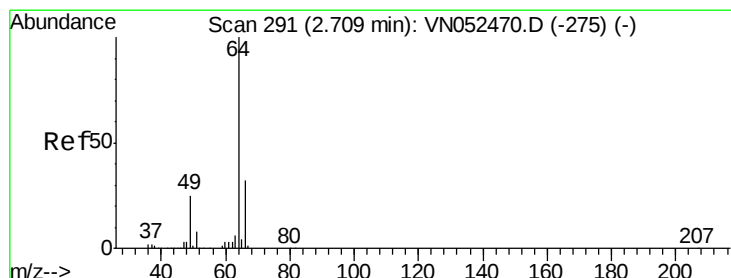
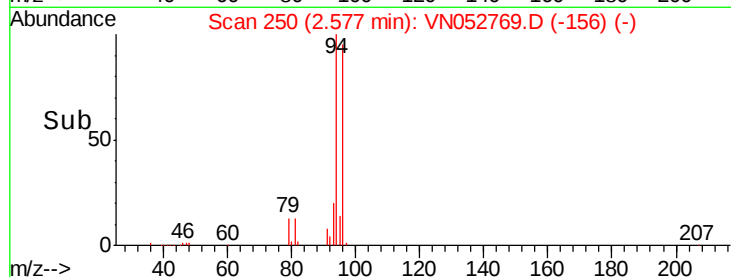
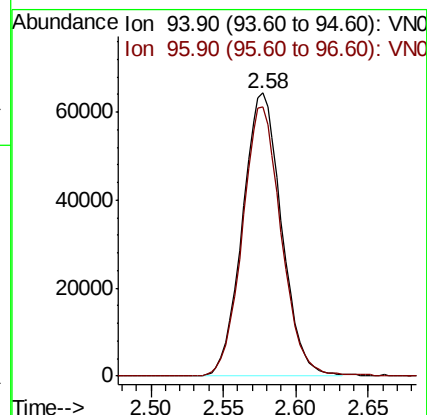
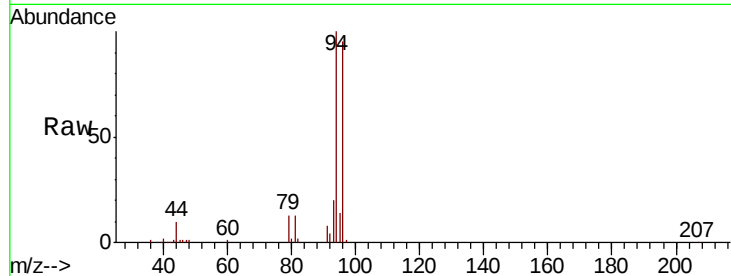
VN1210WBS03

Tot Ion: 94 Resp: 120441

Ion Ratio Lower Upper

94 100

96 95.0 75.8 113.8



#6

Chloroethane

Concen: 17.409 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052769.D

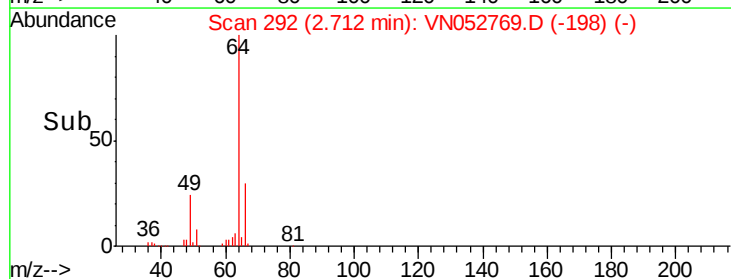
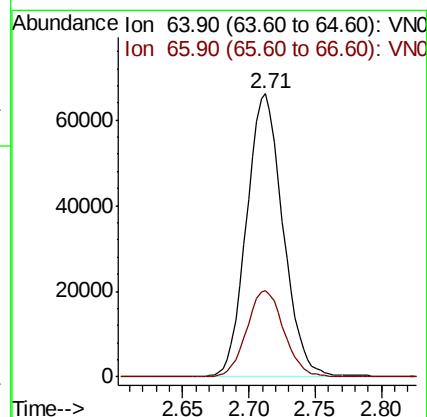
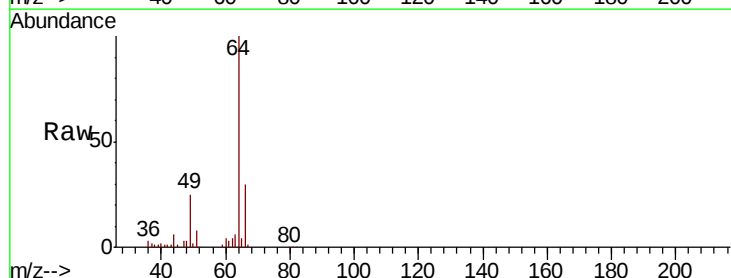
Acq: 10 Dec 2018 23:37

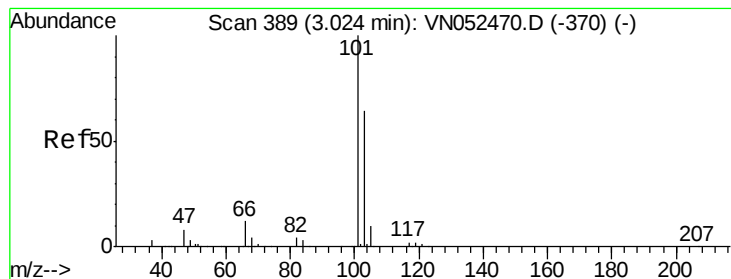
Tgt Ion: 64 Resp: 126259

Ion Ratio Lower Upper

64 100

66 30.4 25.7 38.5



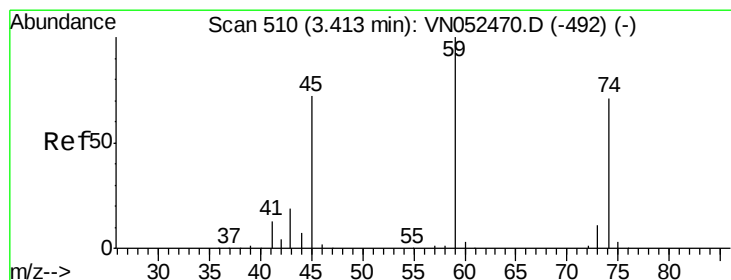
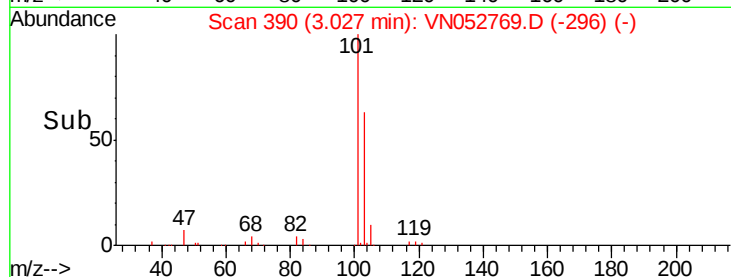
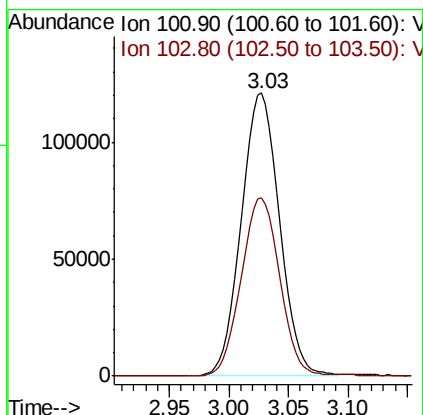
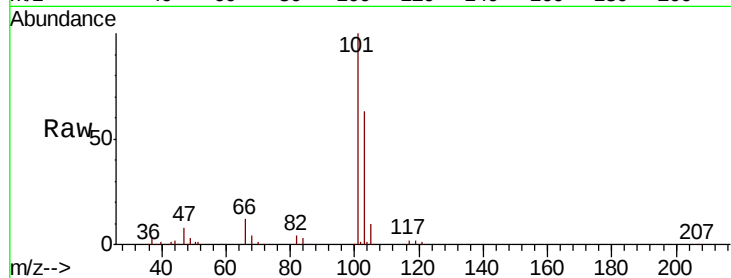


#7

Trichlorofluoromethane
 Concen: 18.382 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

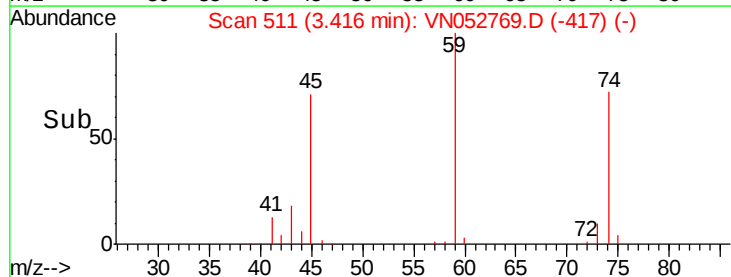
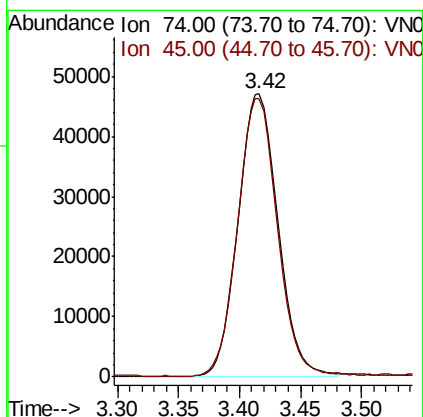
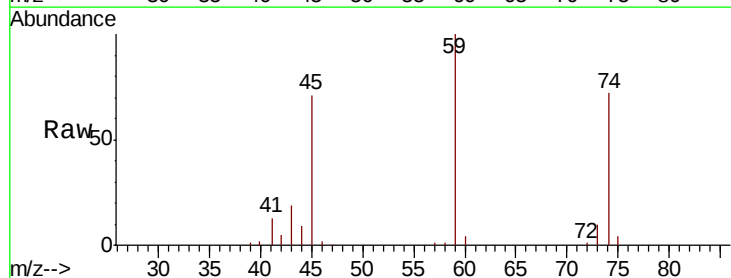
Tot Ion:101 Resp: 270340
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2



#8

Diethyl Ether
 Concen: 19.645 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion: 74 Resp: 106696
 Ion Ratio Lower Upper
 74 100
 45 97.7 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.132 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

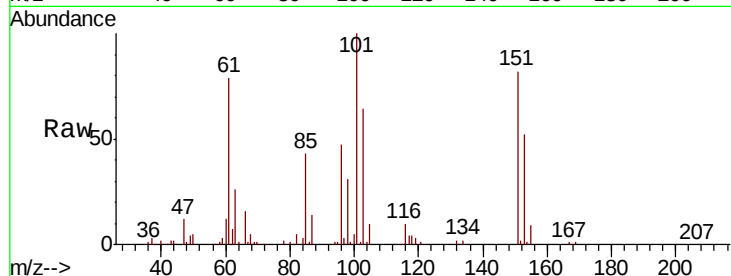
Tot Ion:101 Resp: 166395

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

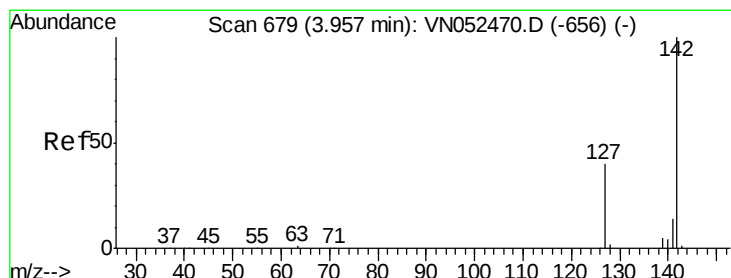
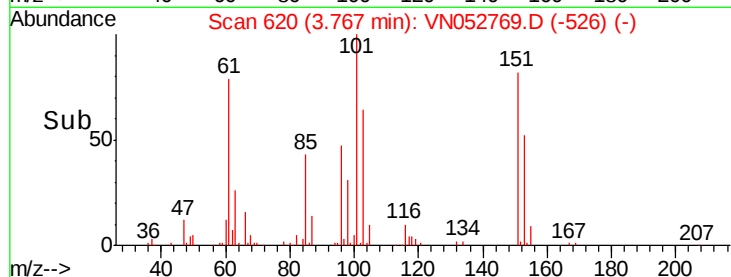
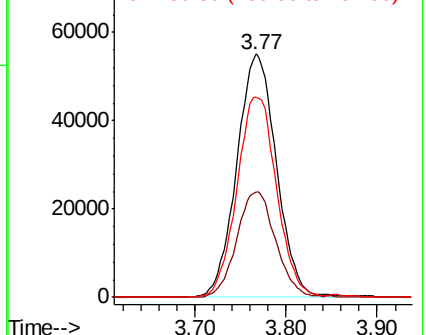
151 82.8 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.843 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

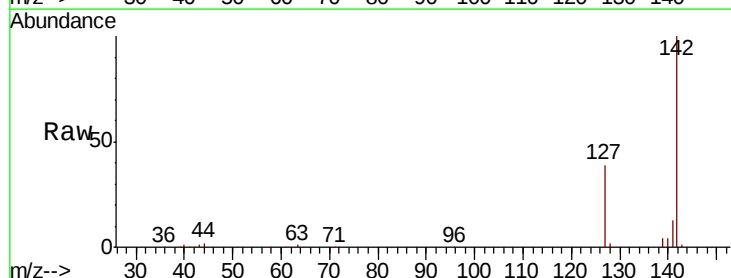
Tgt Ion:142 Resp: 193651

Ion Ratio Lower Upper

142 100

127 39.3 31.8 47.6

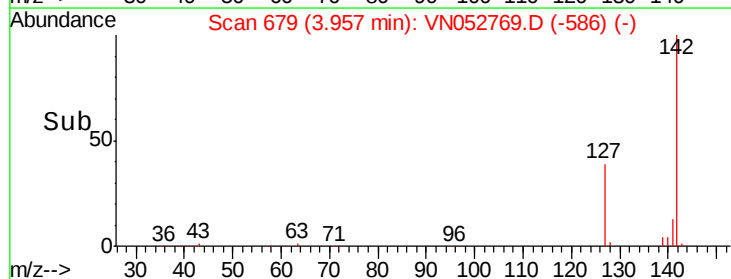
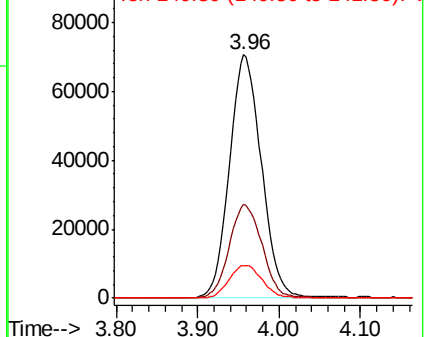
141 13.8 11.4 17.0

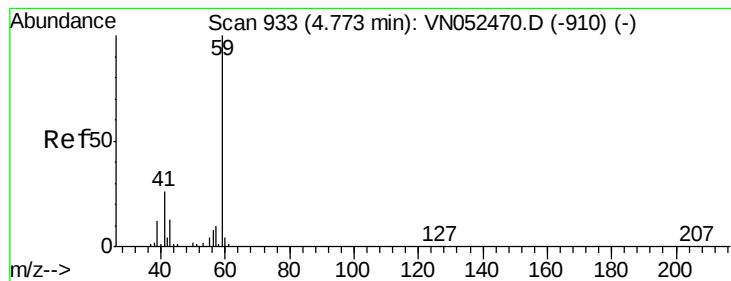


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



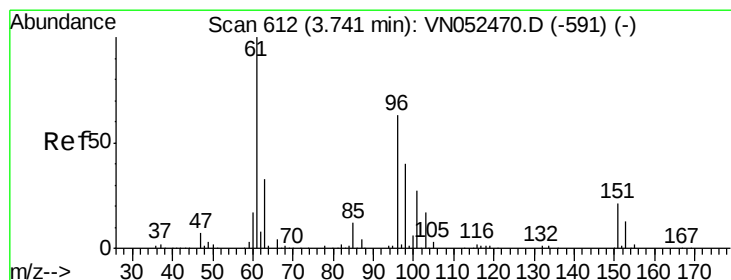
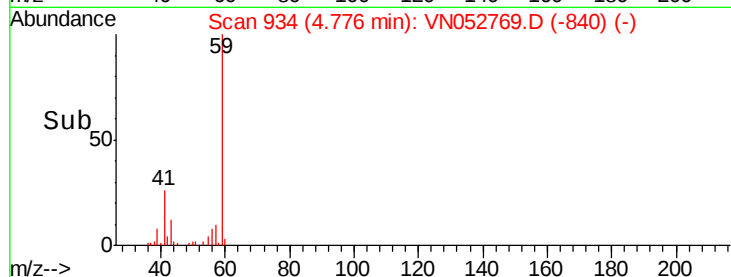
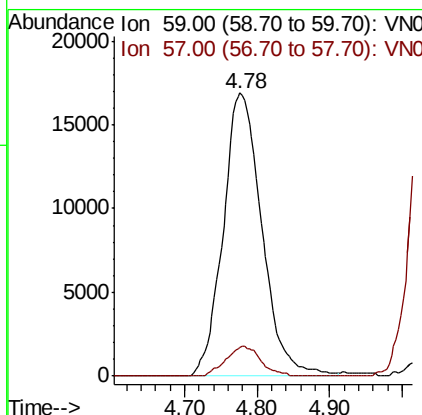
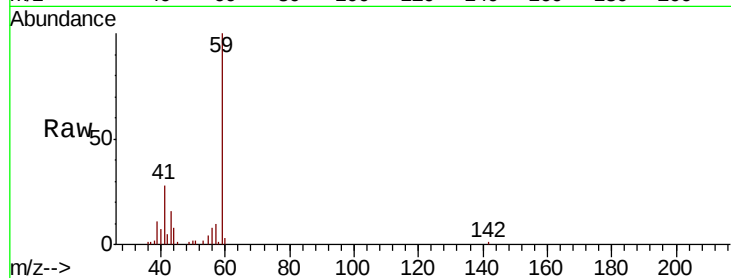


#11

Tert butyl alcohol
 Concen: 121.683 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

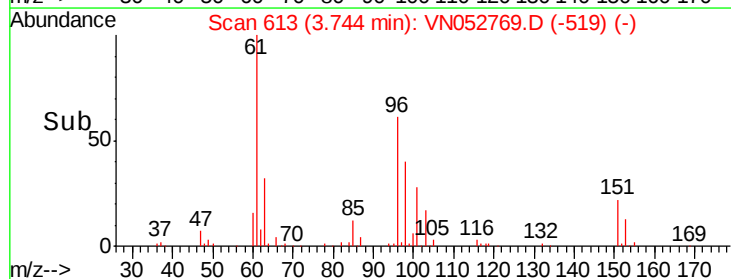
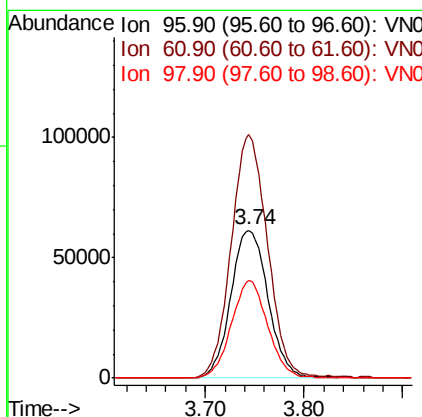
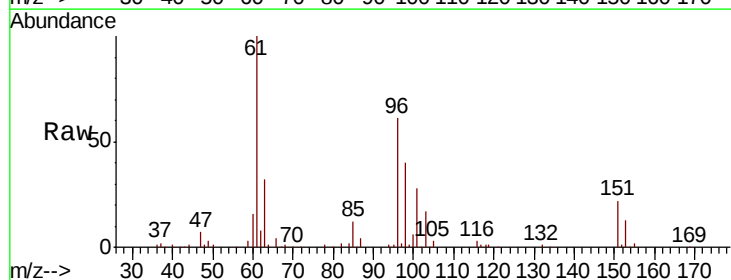
Tot Ion: 59 Resp: 62549
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.9 11.9

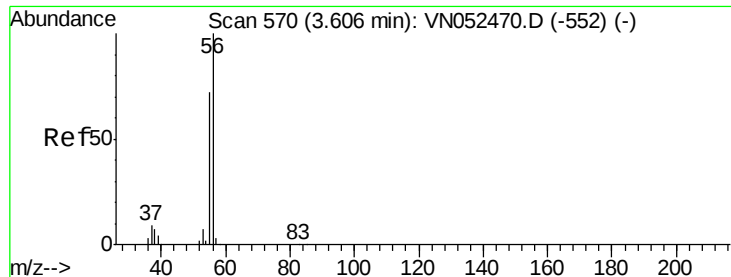


#12

1,1-Dichloroethene
 Concen: 18.261 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion: 96 Resp: 161307
 Ion Ratio Lower Upper
 96 100
 61 164.5 127.0 190.6
 98 66.4 50.3 75.5





#13

Acrolein

Concen: 31.939 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

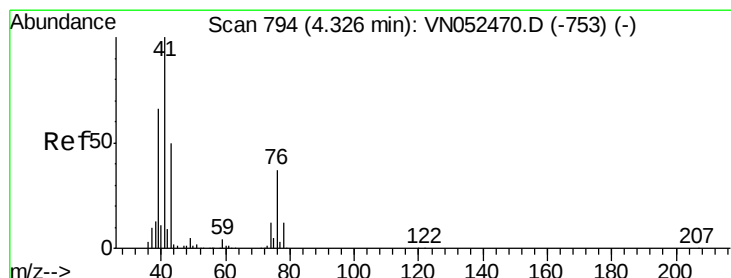
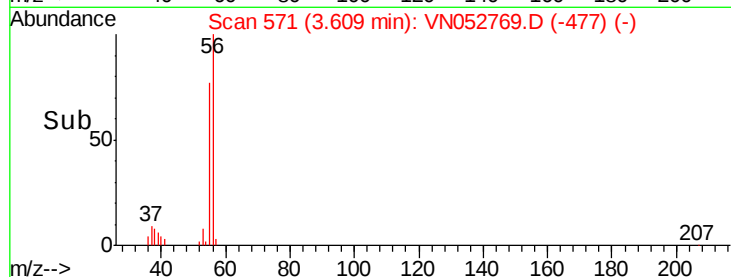
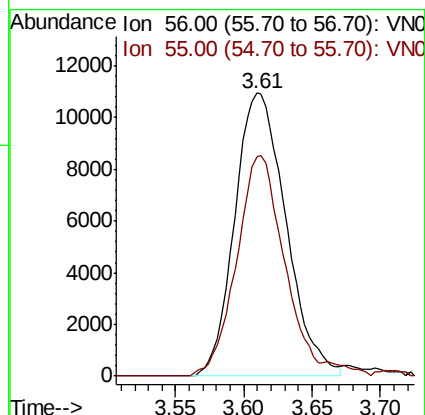
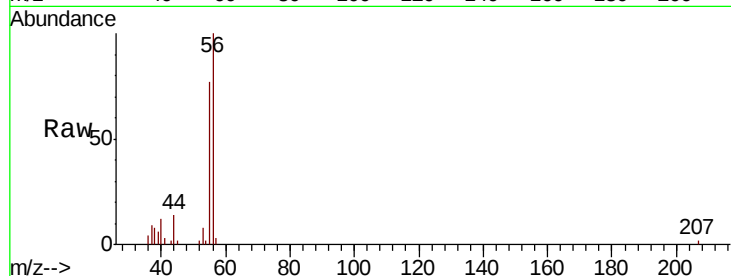
VN1210WBS03

Tot Ion: 56 Resp: 28534

Ion Ratio Lower Upper

56 100

55 74.3 56.8 85.2



#14

Allyl chloride

Concen: 18.119 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

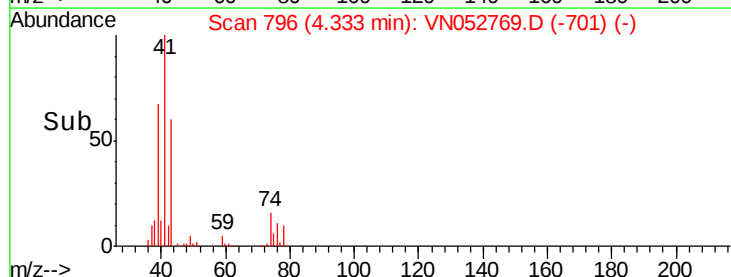
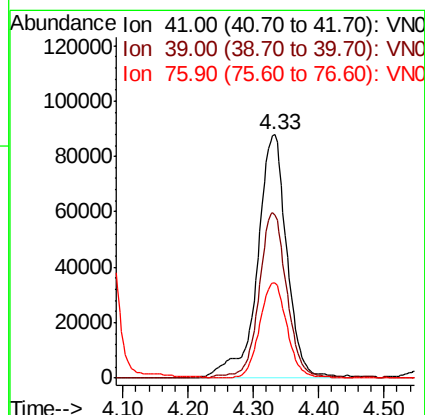
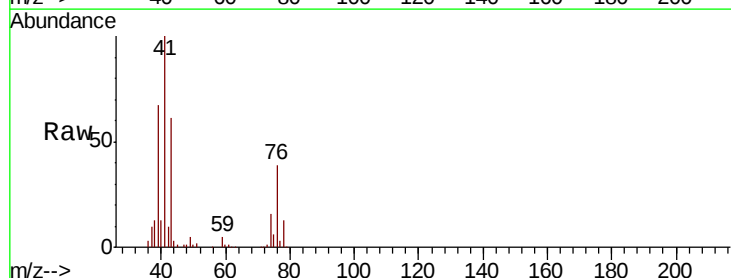
Tgt Ion: 41 Resp: 275863

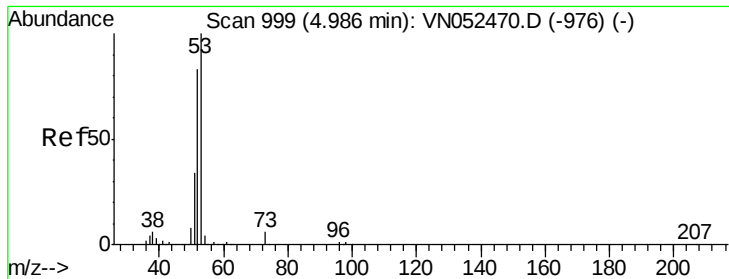
Ion Ratio Lower Upper

41 100

39 60.9 50.6 76.0

76 35.5 27.4 41.2





#15

Acrylonitrile

Concen: 102.006 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

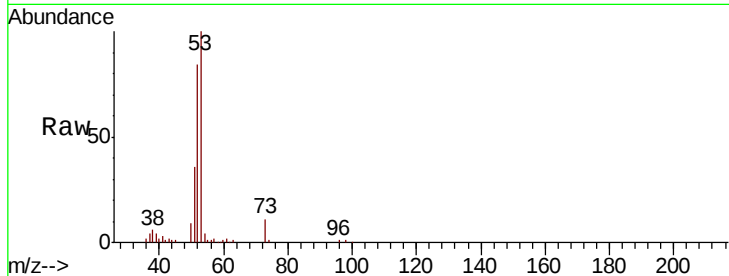
Tot Ion: 53 Resp: 331918

Ion Ratio Lower Upper

53 100

52 83.8 66.2 99.2

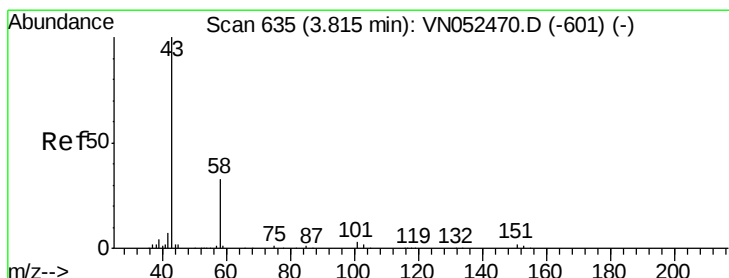
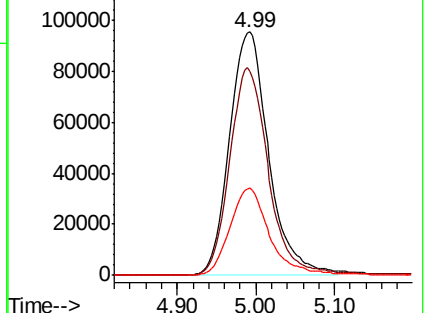
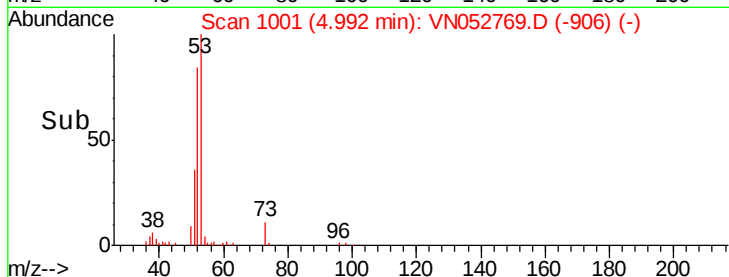
51 36.1 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052769.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN052769.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN052769.D (-906) (-)



#16

Acetone

Concen: 82.900 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052769.D

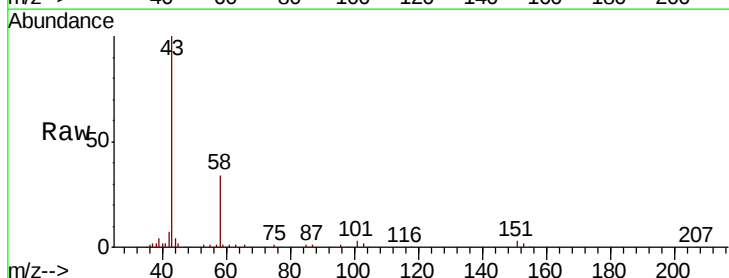
Acq: 10 Dec 2018 23:37

Tgt Ion: 43 Resp: 224513

Ion Ratio Lower Upper

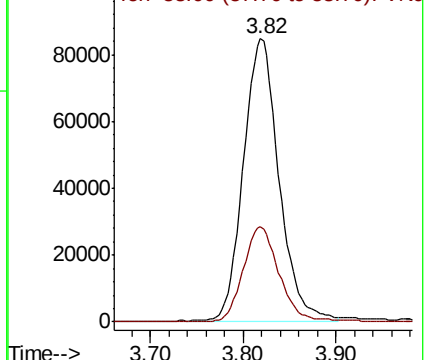
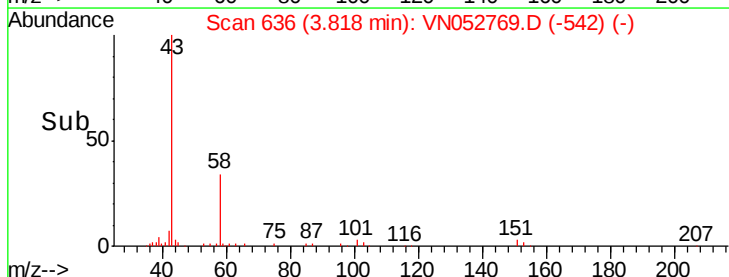
43 100

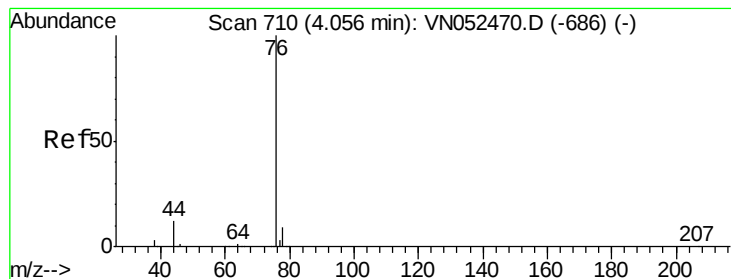
58 33.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052769.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052769.D (-542) (-)





#17

Carbon Disulfide

Concen: 14.641 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

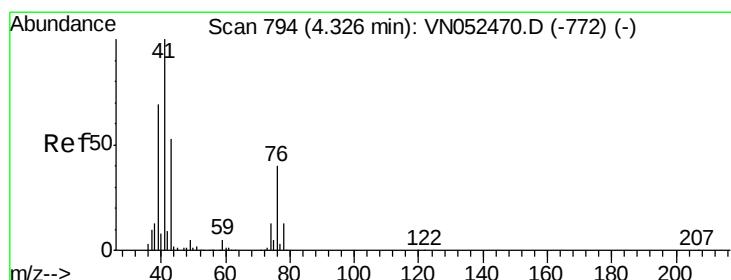
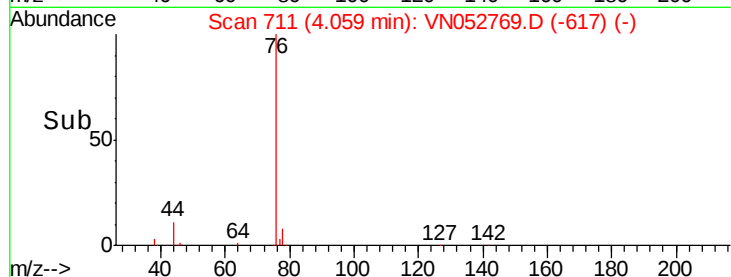
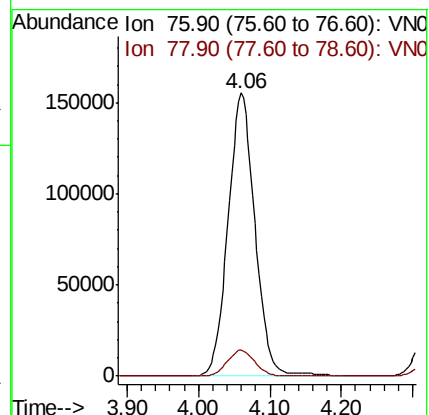
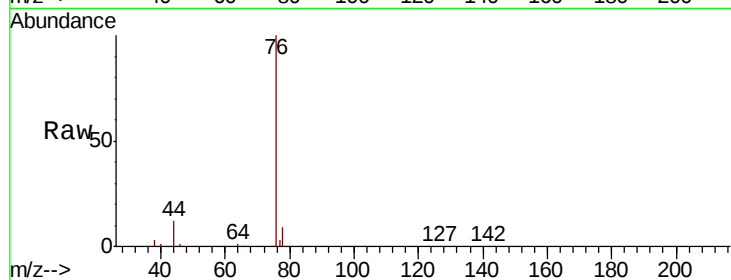
VN1210WBS03

Tot Ion: 76 Resp: 407010

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 21.352 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052769.D

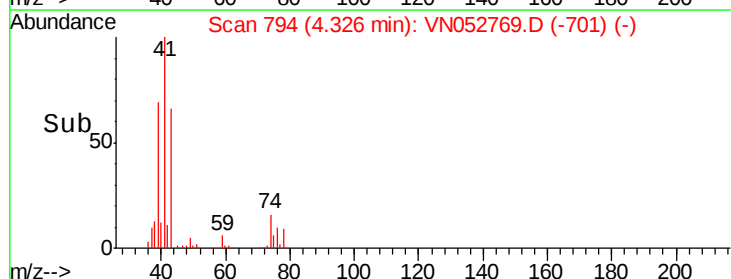
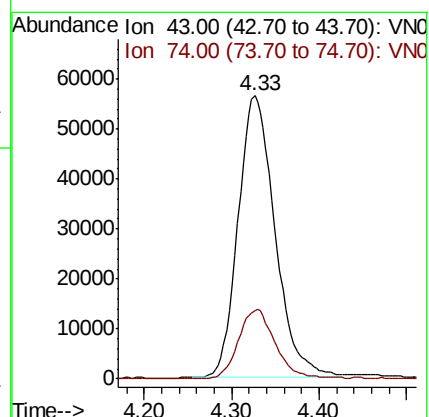
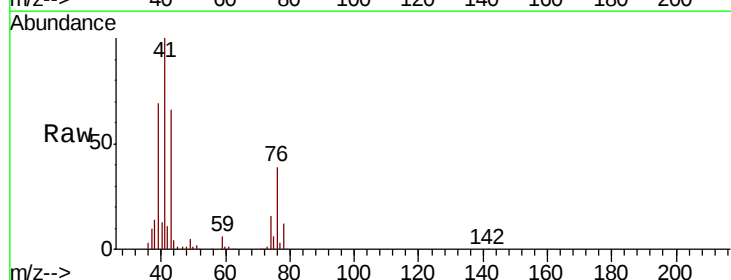
Acq: 10 Dec 2018 23:37

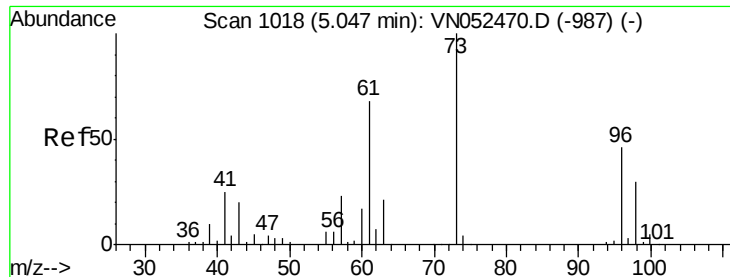
Tgt Ion: 43 Resp: 165869

Ion Ratio Lower Upper

43 100

74 24.6 18.6 27.8

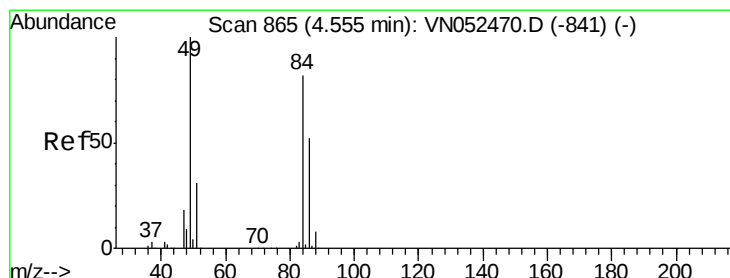
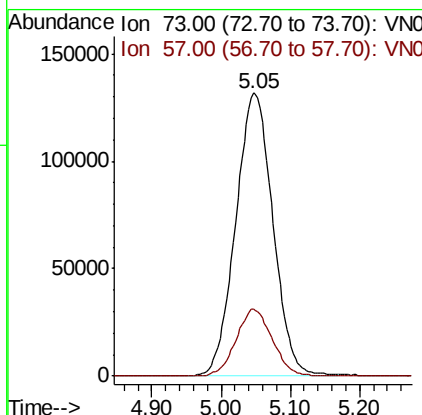
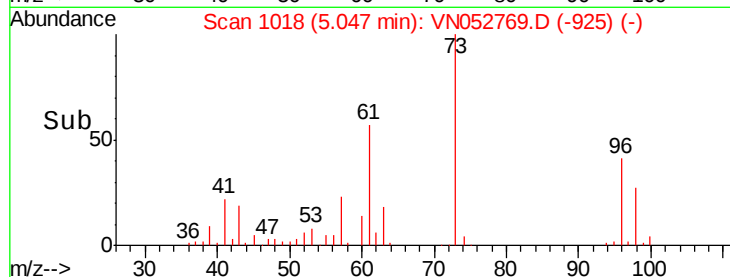
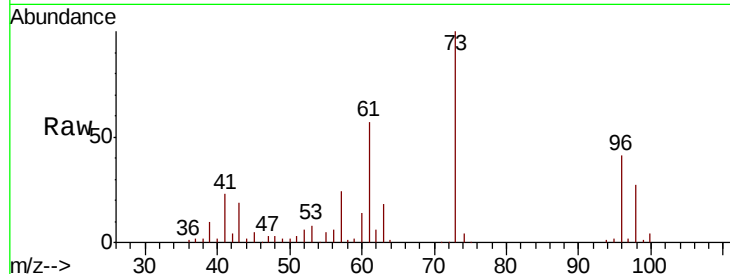




#19
Methyl tert-butyl Ether
Concen: 20.967 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

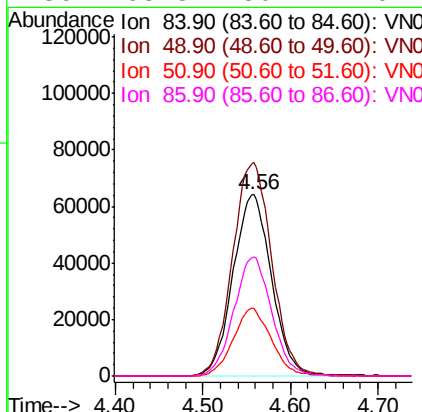
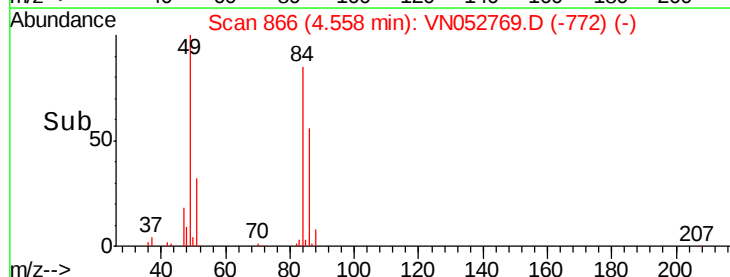
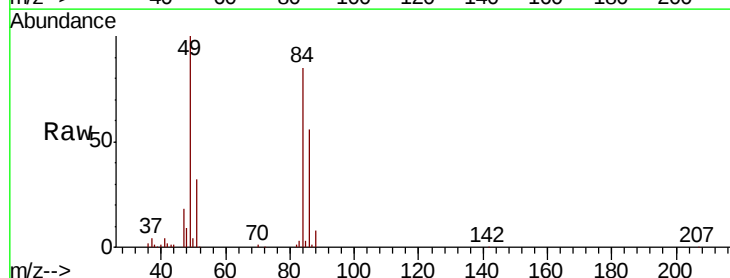
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

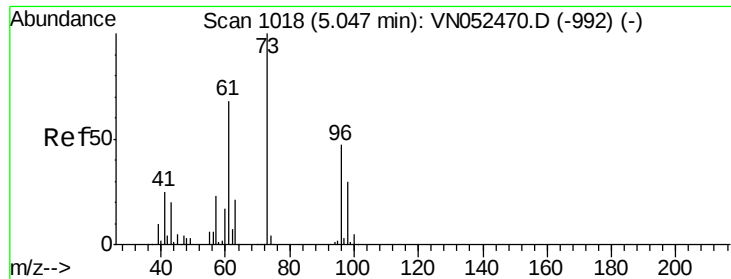
Tot Ion: 73 Resp: 492792
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.2



#20
Methylene Chloride
Concen: 18.471 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 84 Resp: 195754
Ion Ratio Lower Upper
84 100
49 117.8 98.0 147.0
51 37.5 30.1 45.1
86 65.8 50.7 76.1

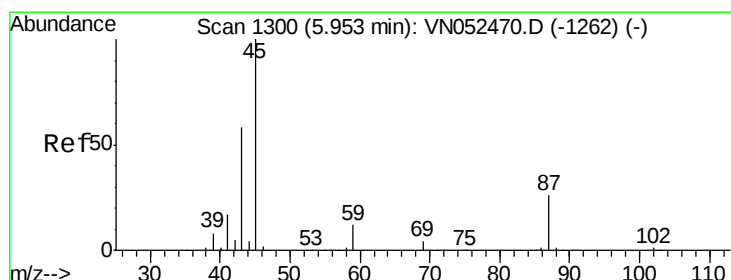
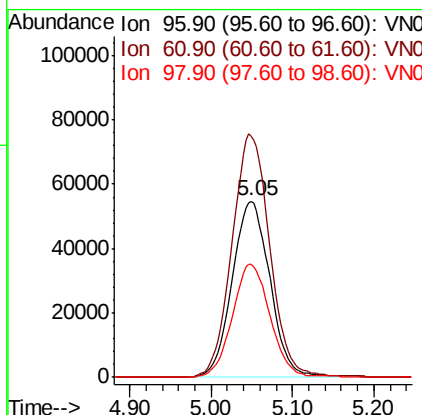
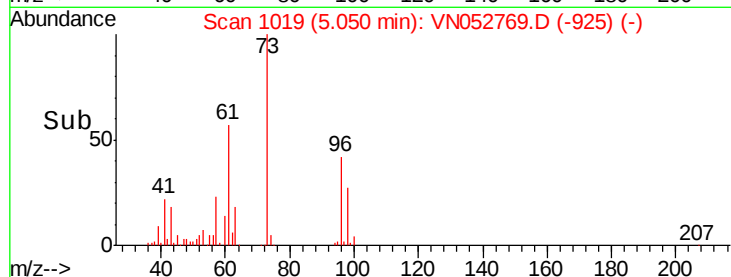
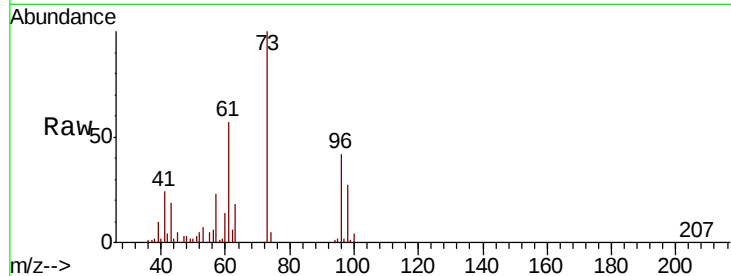




#21
trans-1,2-Dichloroethene
Concen: 18.641 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

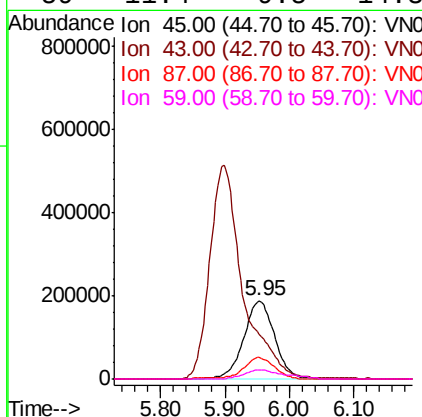
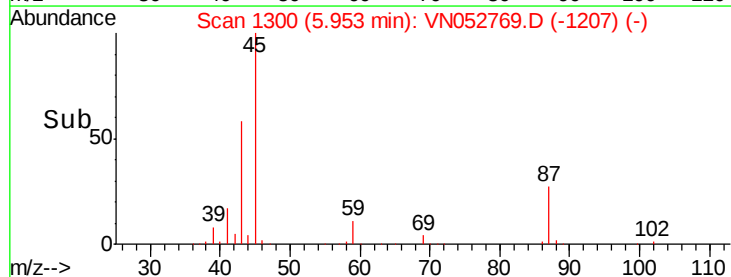
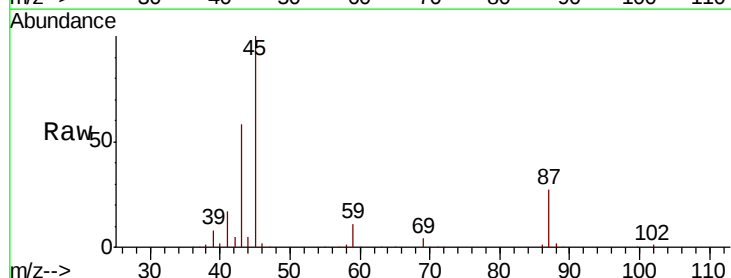
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

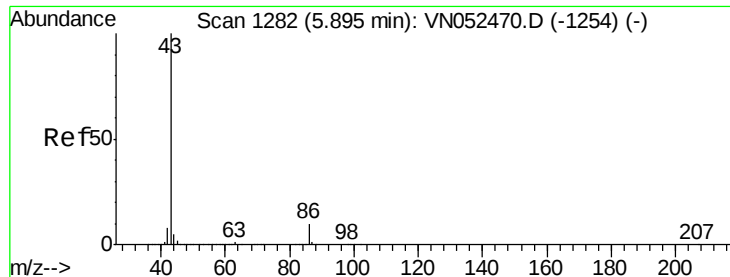
Tot Ion: 96 Resp: 175872
Ion Ratio Lower Upper
96 100
61 137.0 117.0 175.4
98 64.0 51.8 77.6



#22
Diisopropyl ether
Concen: 19.629 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 45 Resp: 627743
Ion Ratio Lower Upper
45 100
43 56.5 46.1 69.1
87 26.9 21.3 31.9
59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 92.049 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

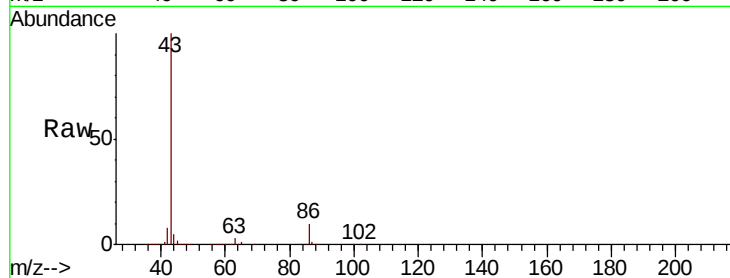
VN1210WBS03

Tot Ion: 43 Resp: 1833519

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN052470.D (-1254) (-)

5.90

600000

500000

400000

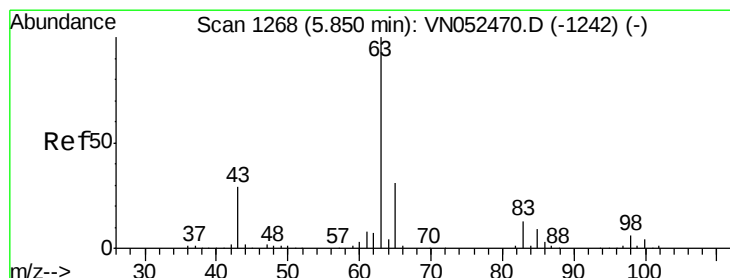
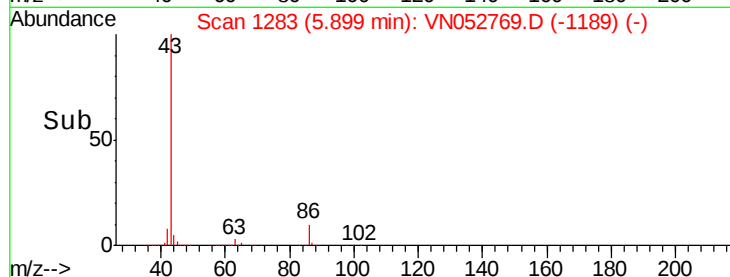
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.186 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

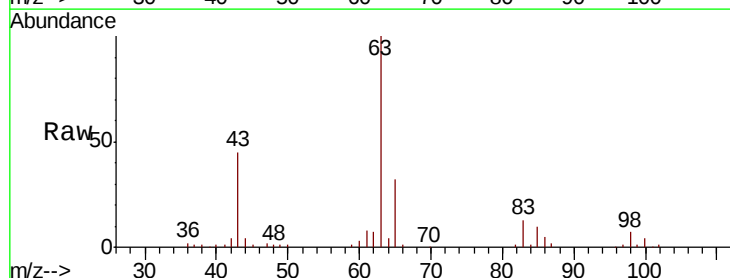
Tgt Ion: 63 Resp: 350328

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052470.D (-1242) (-)

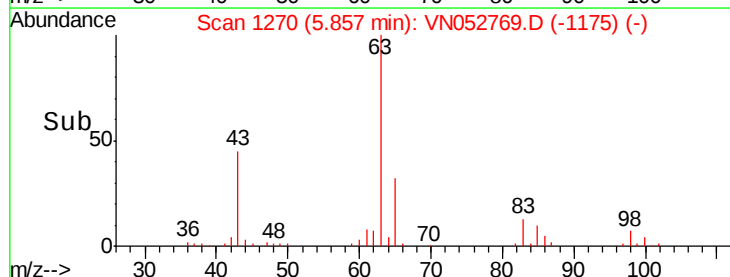
150000

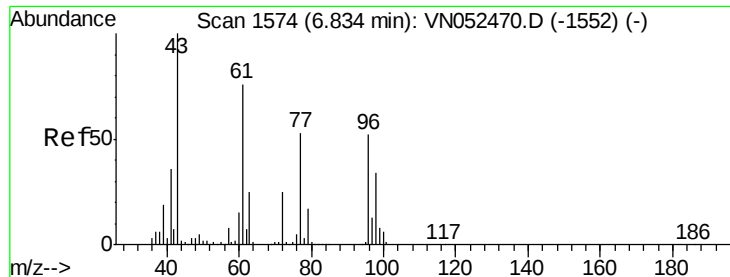
100000

50000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 97.398 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampled :

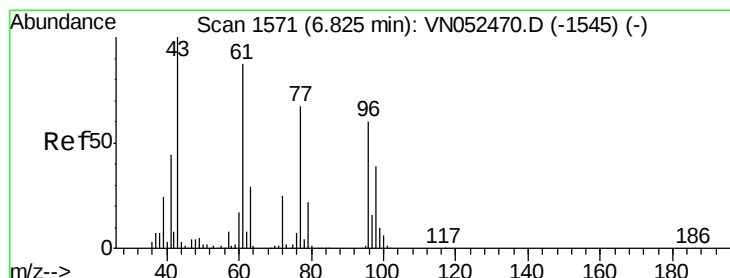
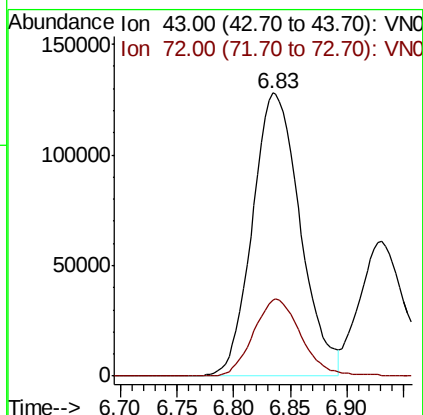
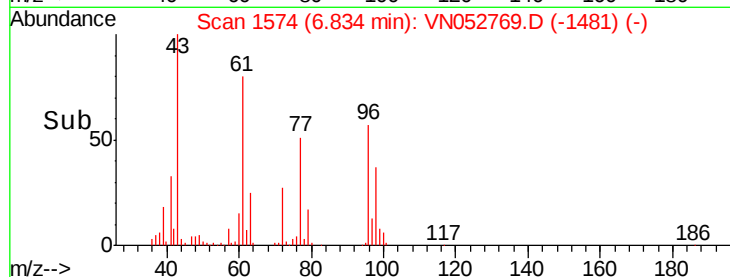
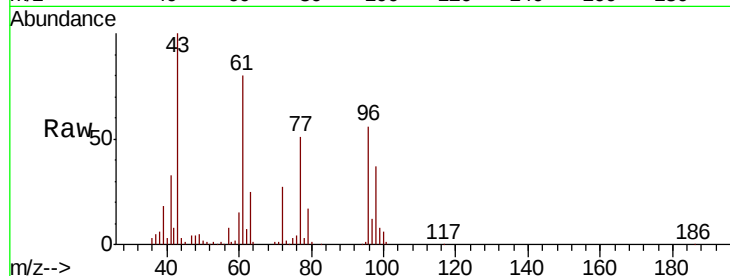
VN1210WBS03

Tot Ion: 43 Resp: 373876

Ion Ratio Lower Upper

43 100

72 26.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.326 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052769.D

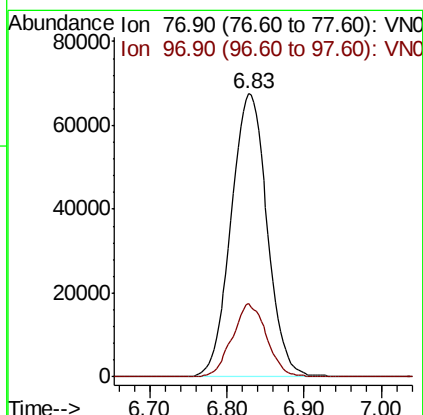
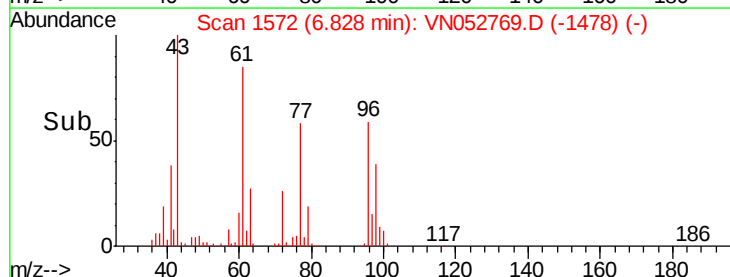
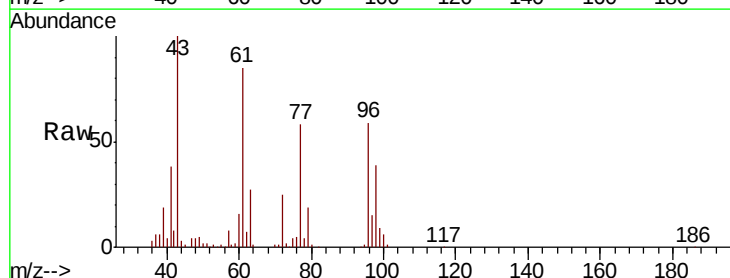
Acq: 10 Dec 2018 23:37

Tgt Ion: 77 Resp: 218977

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.507 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS03

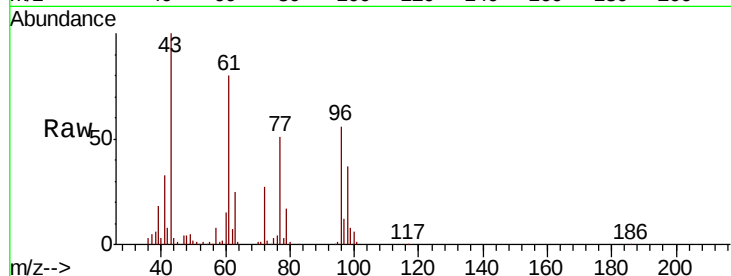
Tot Ion: 96 Resp: 214379

Ion Ratio Lower Upper

96 100

61 140.6 0.0 291.0

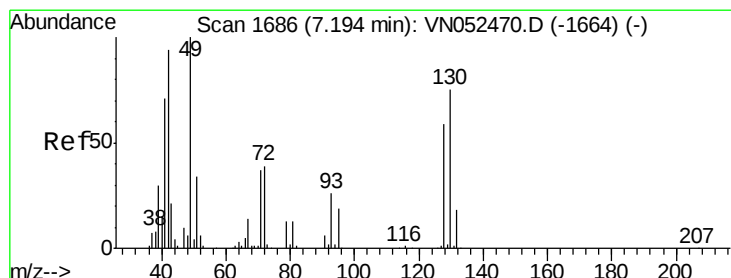
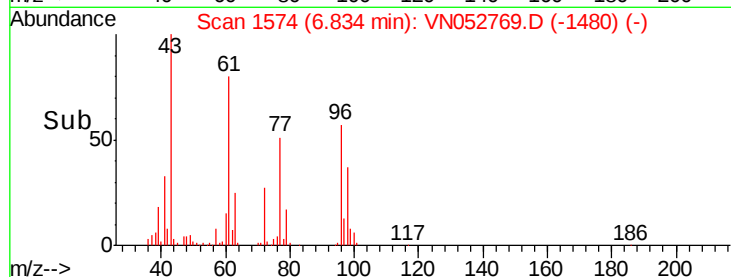
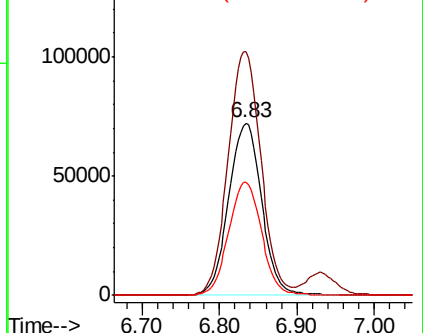
98 65.4 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.167 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

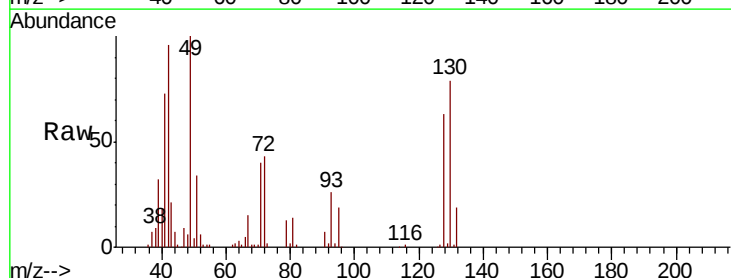
Tgt Ion: 49 Resp: 168196

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

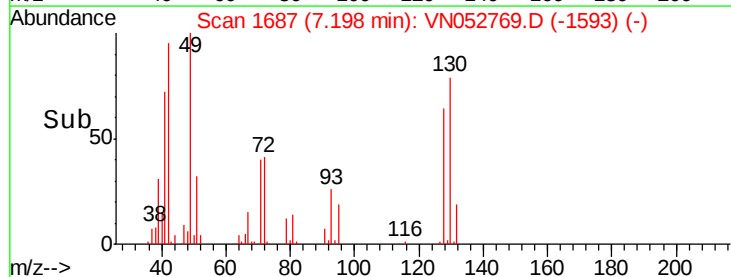
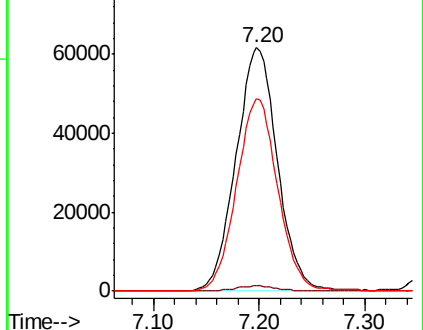
130 78.5 60.2 90.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

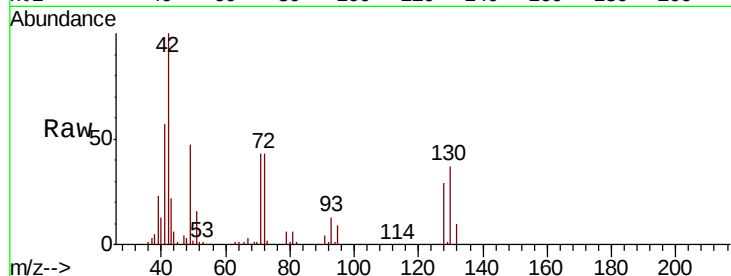




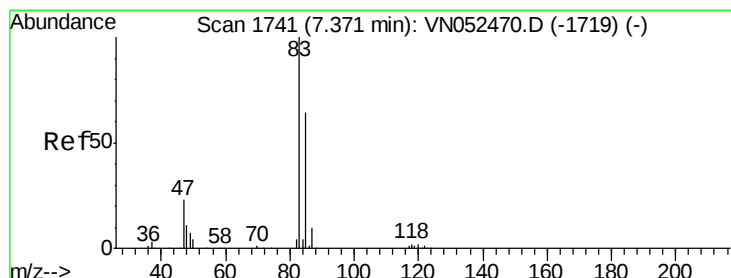
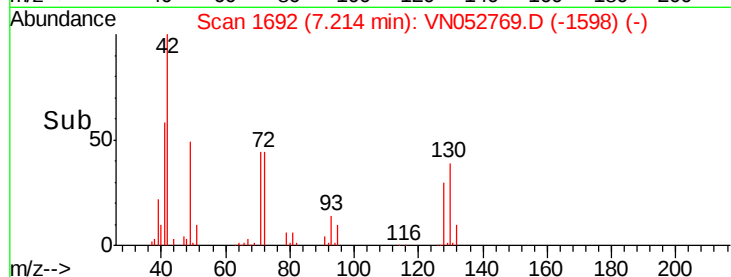
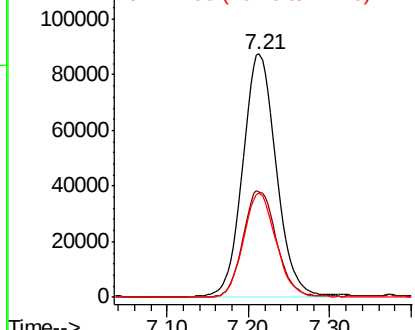
#29
Tetrahydrofuran
Concen: 100.884 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

Tot Ion: 42 Resp: 249780
Ion Ratio Lower Upper
42 100
72 43.8 33.3 49.9
71 41.5 32.0 48.0

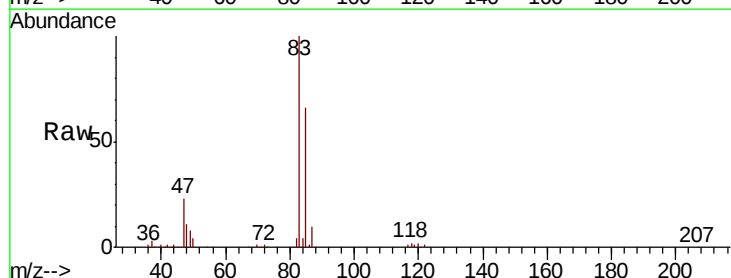


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

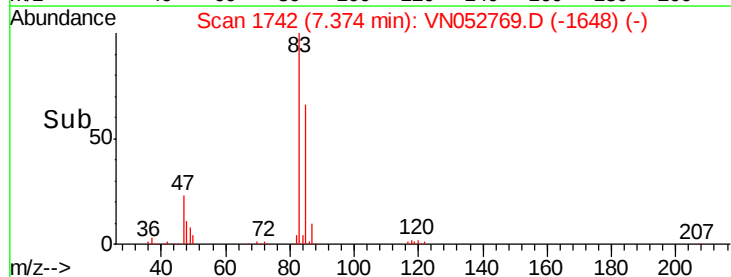
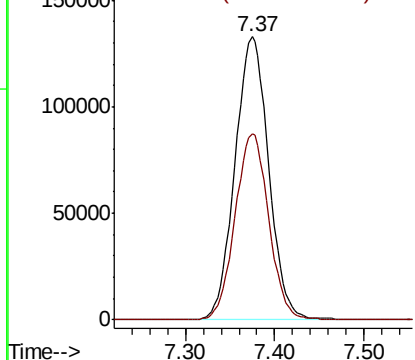


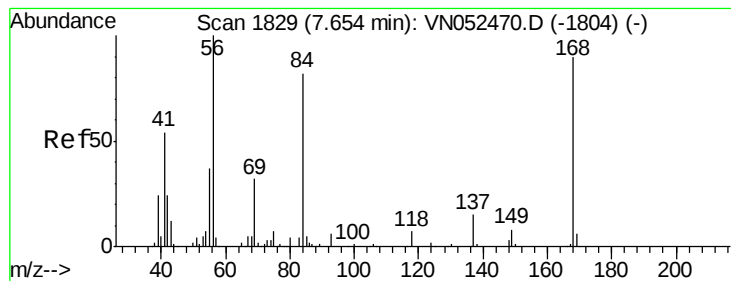
#30
Chloroform
Concen: 19.128 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 83 Resp: 348462
Ion Ratio Lower Upper
83 100
85 65.9 51.0 76.4



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





#31

Cyclohexane

Concen: 16.769 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS03

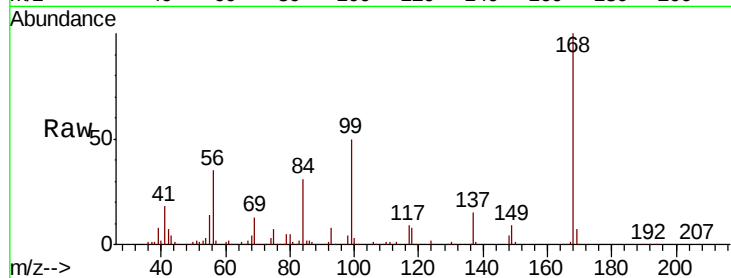
Tot Ion: 56 Resp: 300654

Ion Ratio Lower Upper

56 100

69 37.6 25.8 38.6

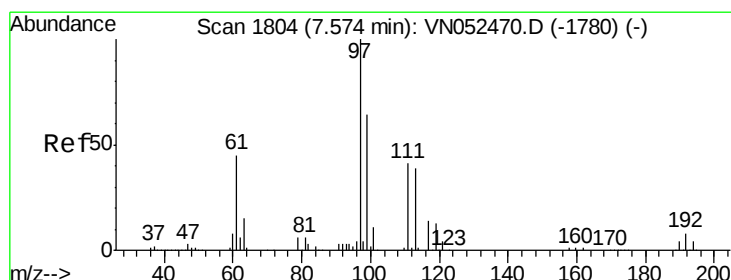
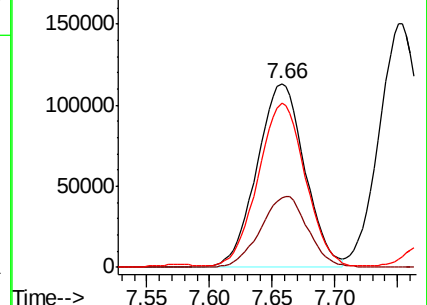
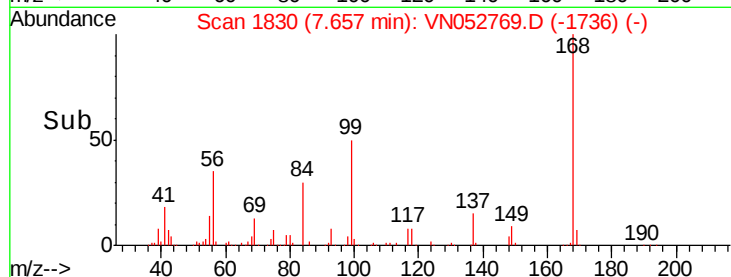
84 87.8 65.3 97.9



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: 19.888 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

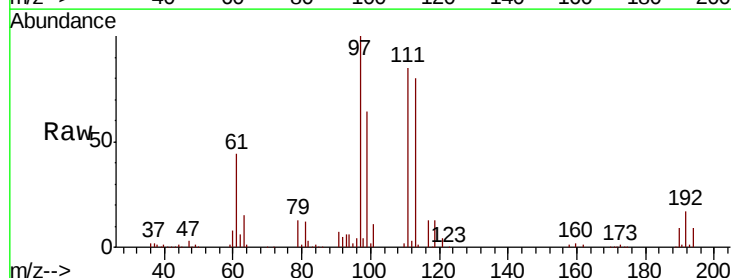
Tgt Ion: 97 Resp: 287060

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

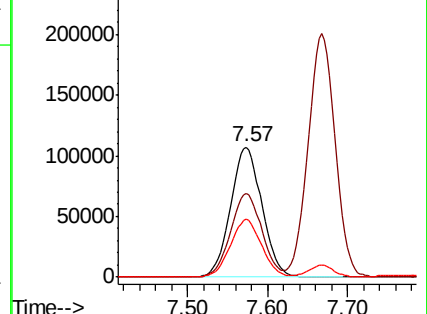
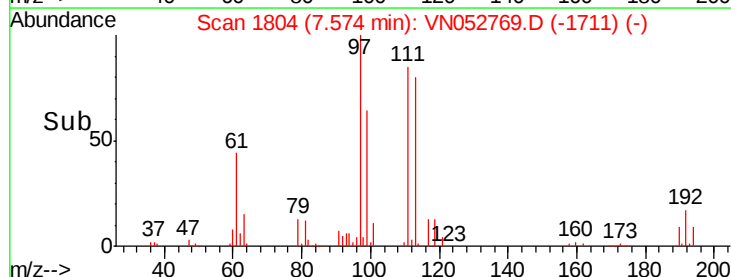
61 43.8 36.8 55.2



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

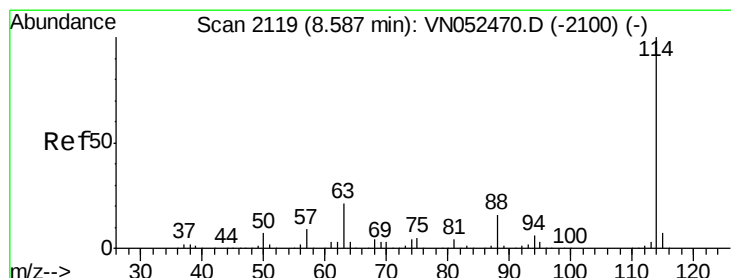
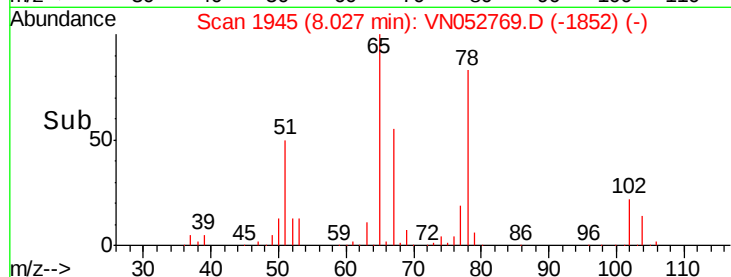
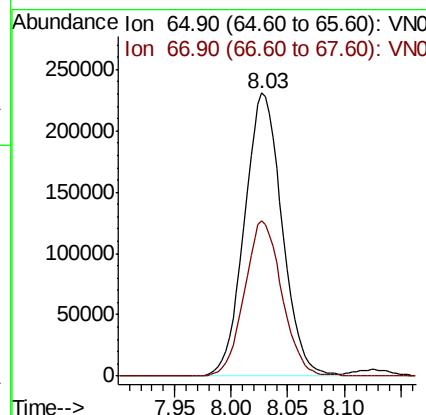
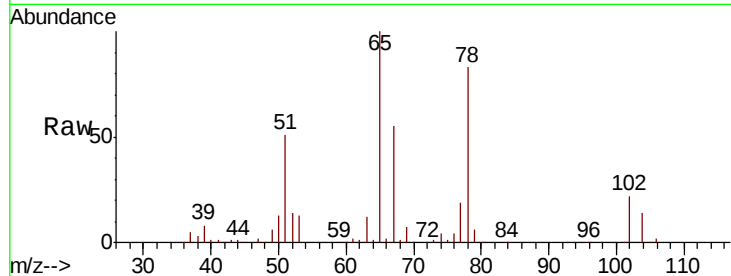




#33
 1,2-Dichloroethane-d4
 Concen: 19.888 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

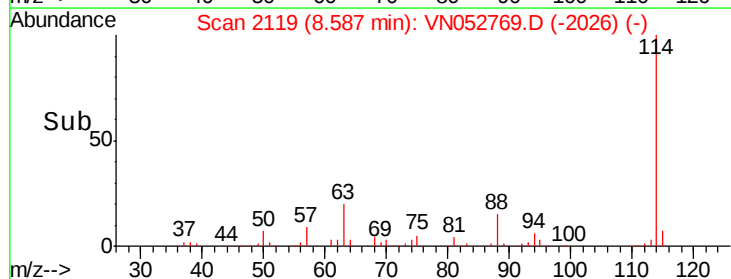
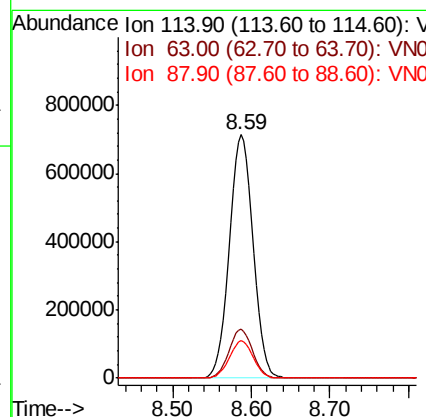
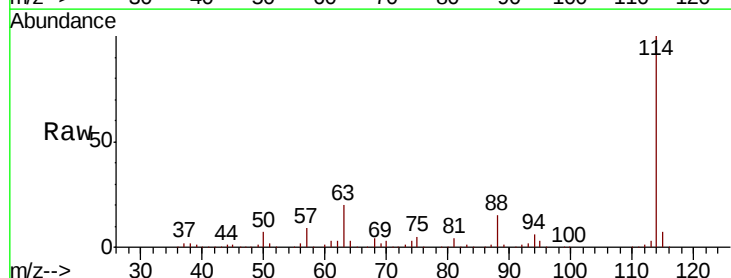
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

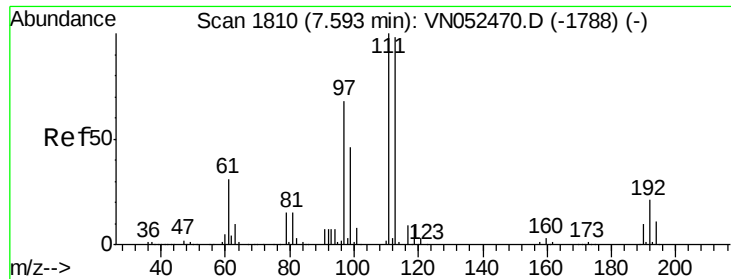
Tot Ion: 65 Resp: 534499
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion: 114 Resp: 1478747
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.4 0.0 31.6

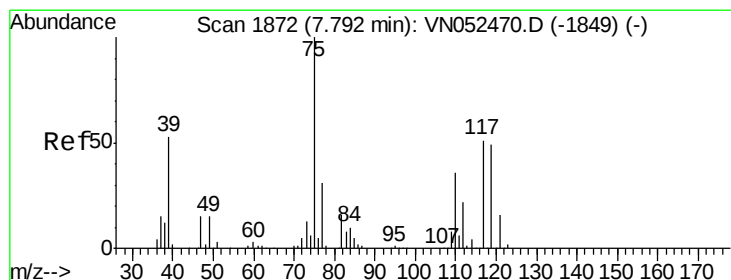
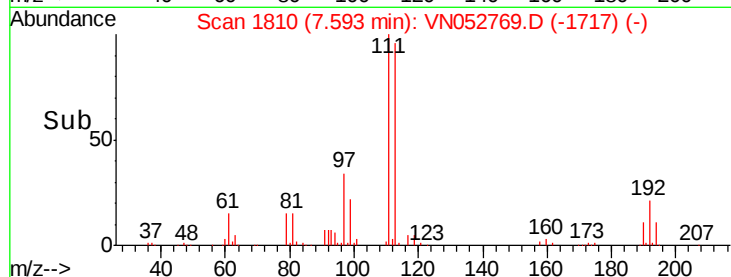
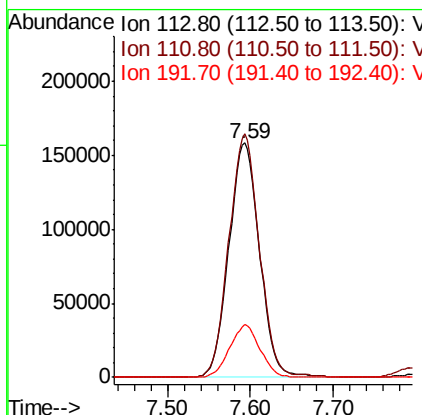
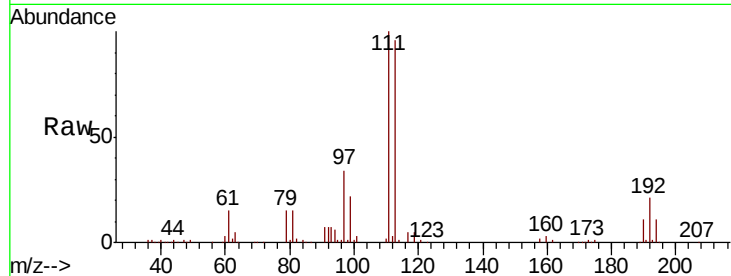




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

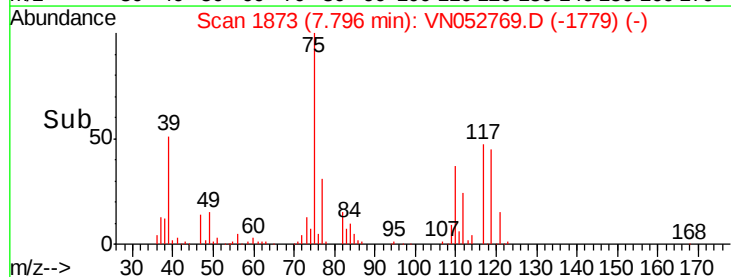
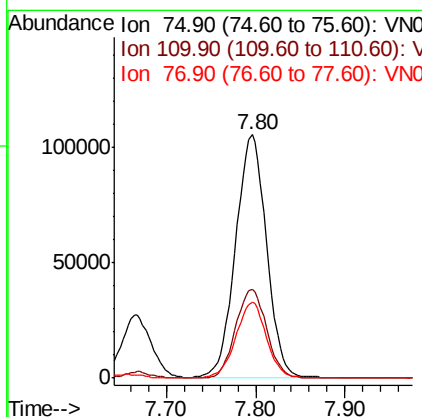
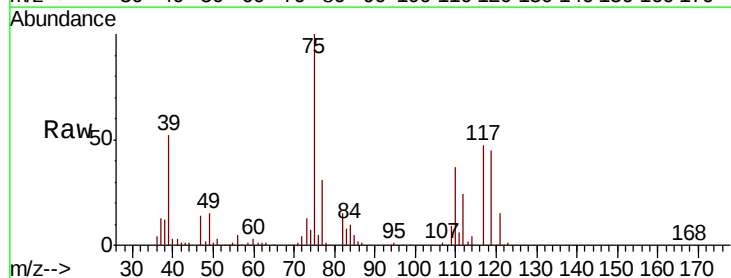
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

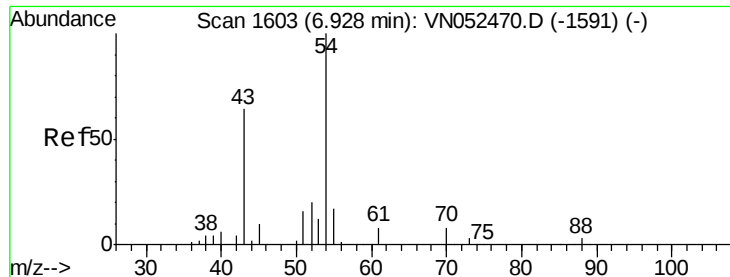
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	22.2	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 18.194 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.5	52.6
77	31.1	24.5	36.7

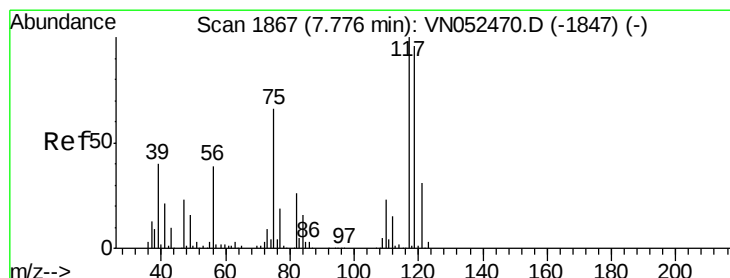
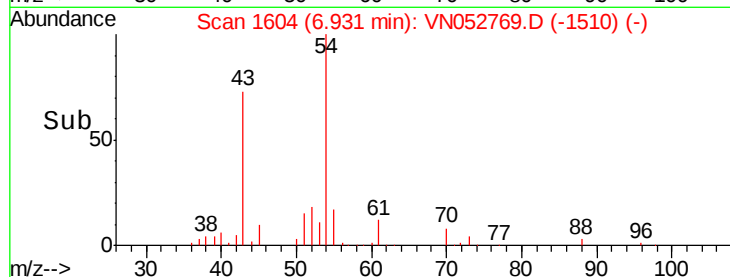
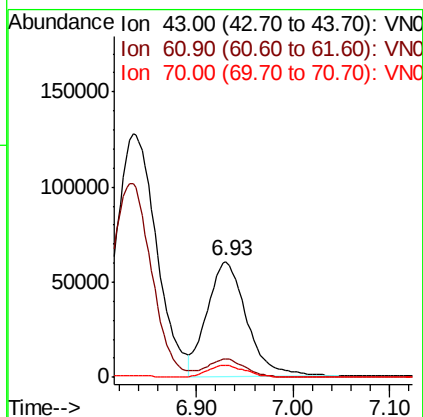
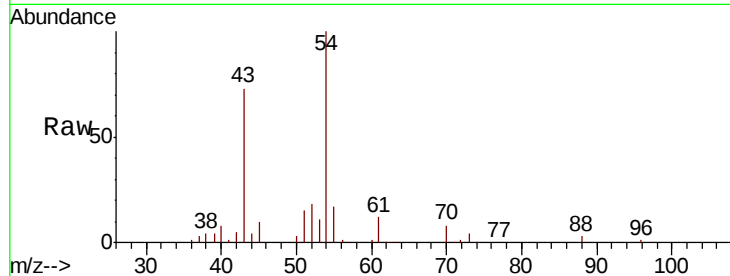




#37
Ethyl Acetate
Concen: 20.116 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

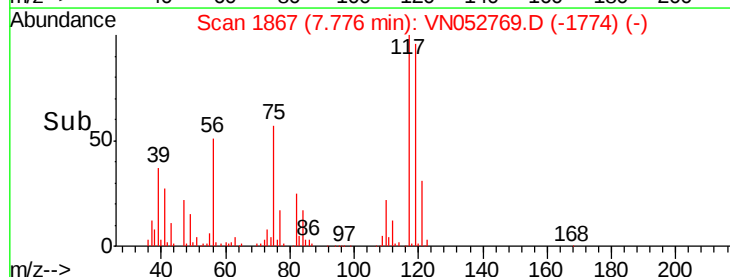
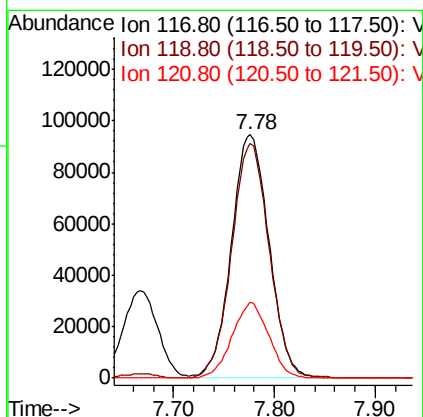
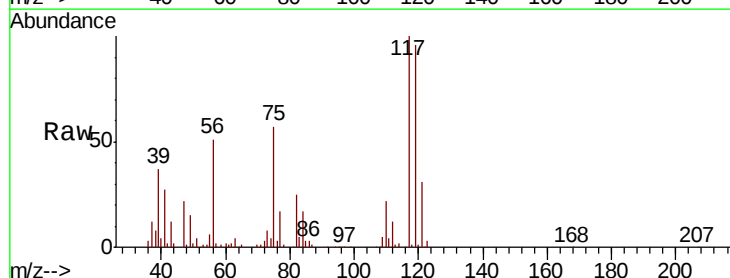
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

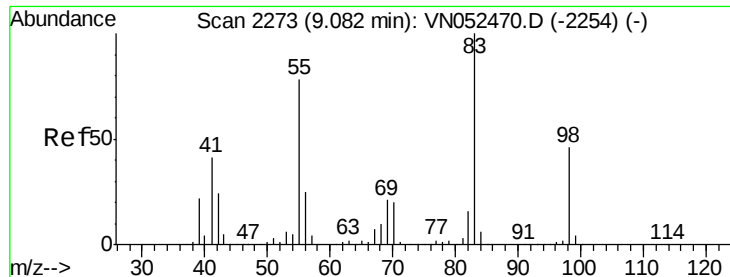
Tot Ion: 43 Resp: 171431
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.8
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.448 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 117 Resp: 245848
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2
121 31.0 24.9 37.3

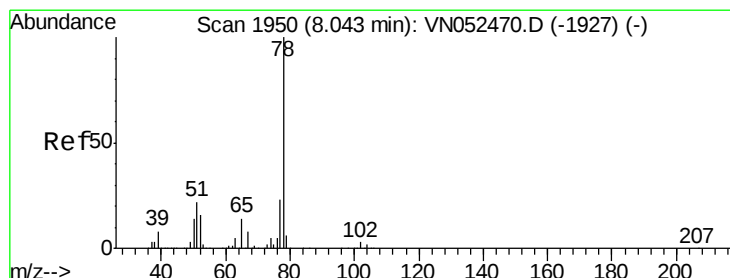
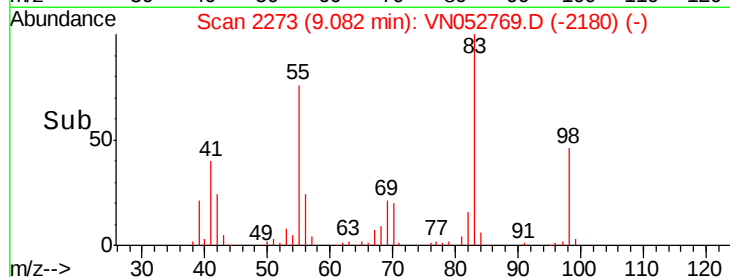
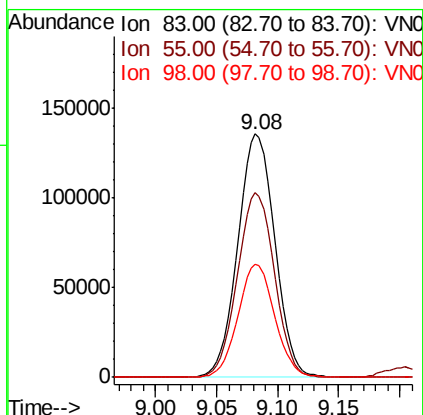
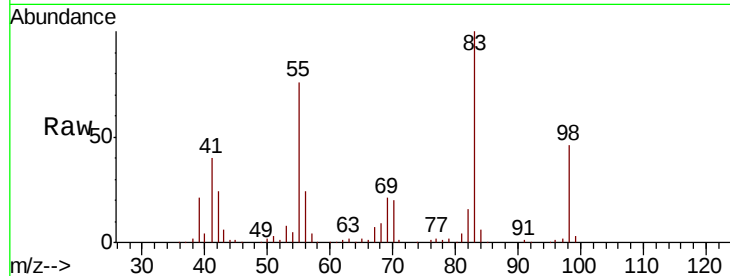




#39
Methvlcvclohexane
Concen: 16.765 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

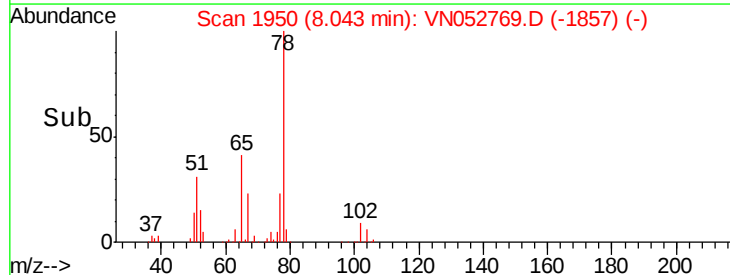
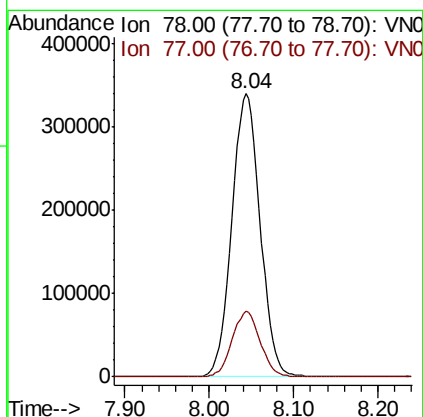
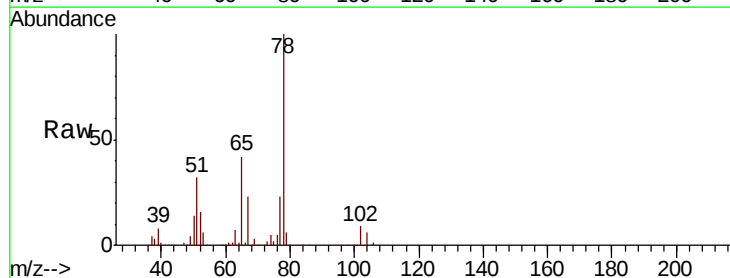
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

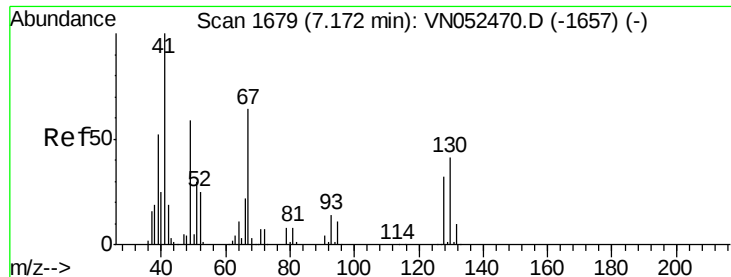
Tot Ion	83.00	Resp	284550
Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.2	93.2
98	46.5	36.4	54.6



#40
Benzene
Concen: 19.075 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion	78.00	Resp	793846
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

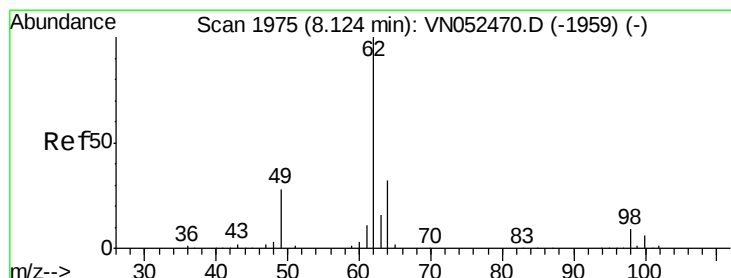
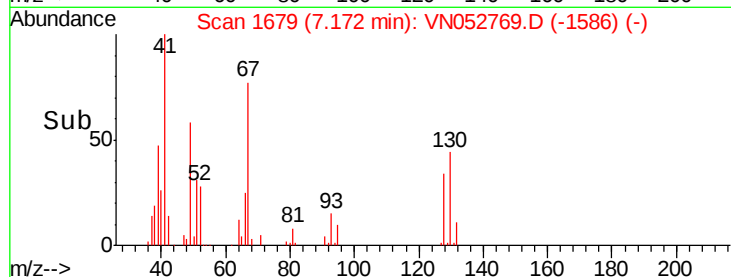
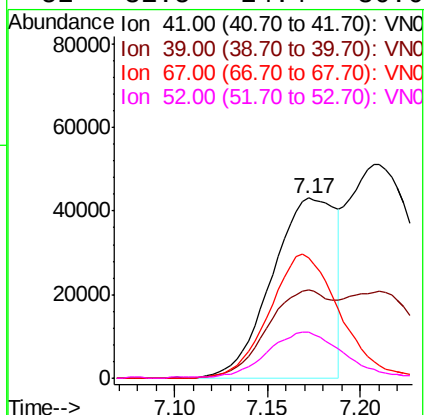
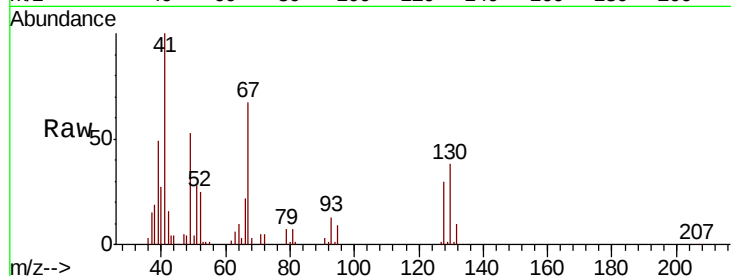




#41
Methacrylonitrile
Concen: 22.221 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

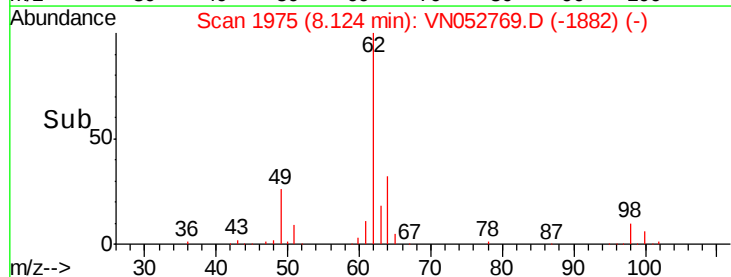
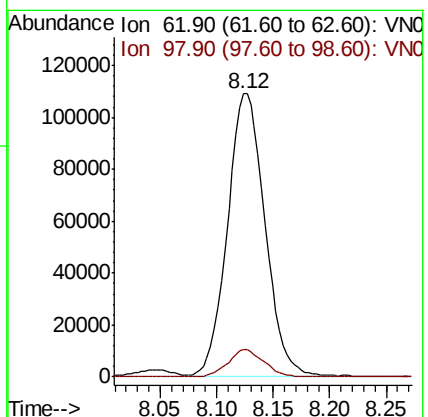
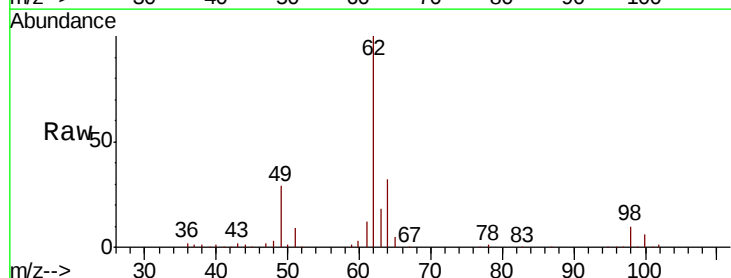
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

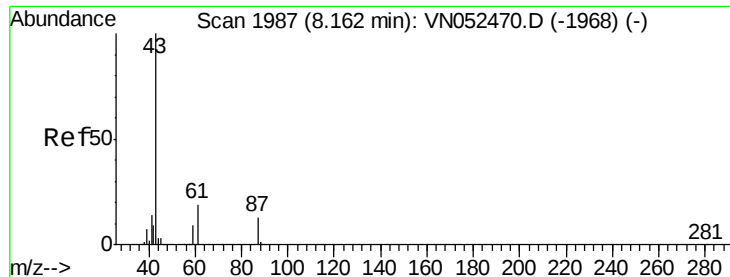
Tot Ion: 41 Resp: 103533
Ion Ratio Lower Upper
41 100
39 47.5 50.9 76.3#
67 76.8 63.6 95.4
52 31.5 24.4 36.6



#42
1,2-Dichloroethane
Concen: 19.854 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 62 Resp: 250180
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6





#43

Isopropyl Acetate

Concen: 22.490 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

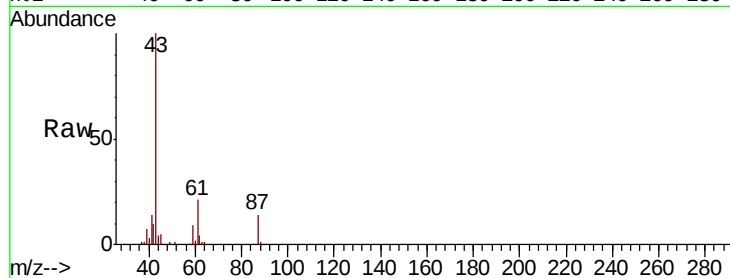
Tot Ion: 43 Resp: 324358

Ion Ratio Lower Upper

43 100

61 27.3 24.1 36.1

87 12.7 10.6 15.8

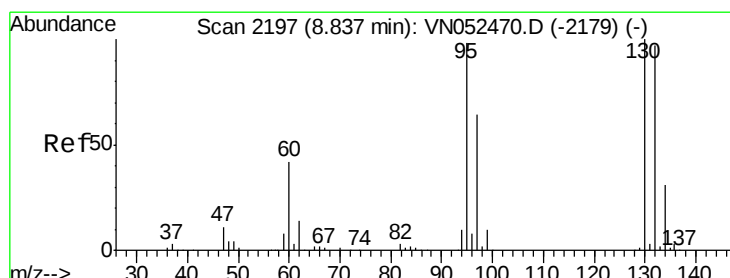
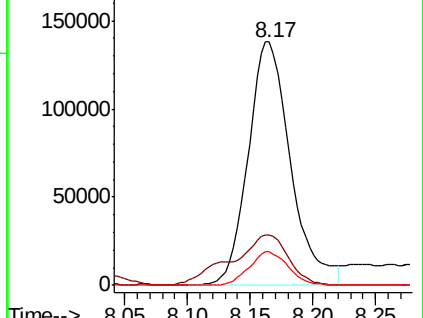
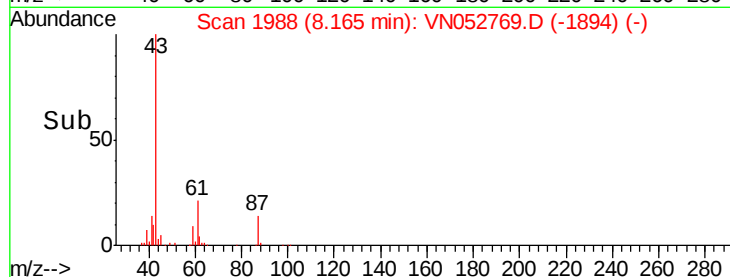


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 19.917 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052769.D

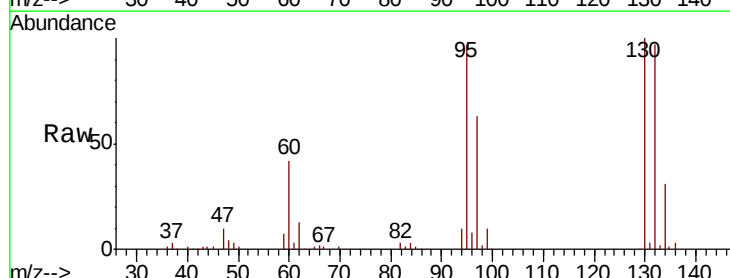
Acq: 10 Dec 2018 23:37

Tgt Ion: 130 Resp: 212310

Ion Ratio Lower Upper

130 100

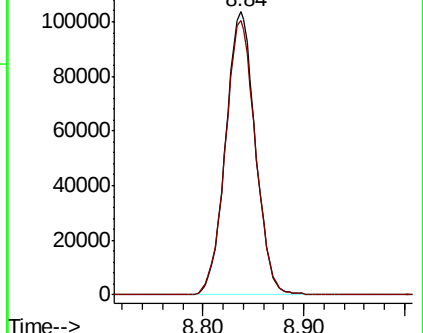
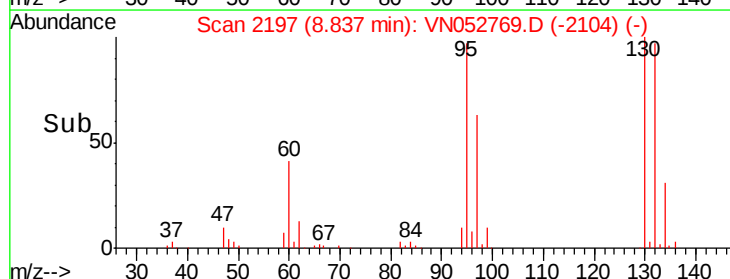
95 97.0 0.0 195.6

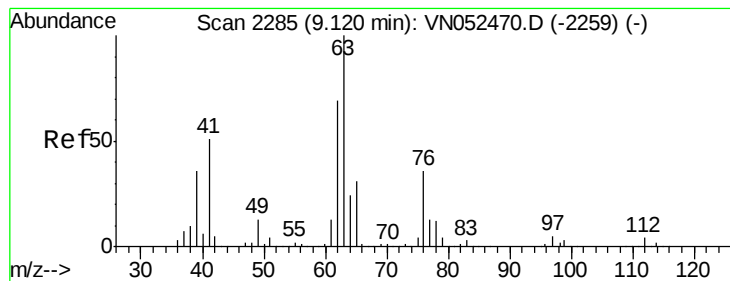


Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052470.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 19.608 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

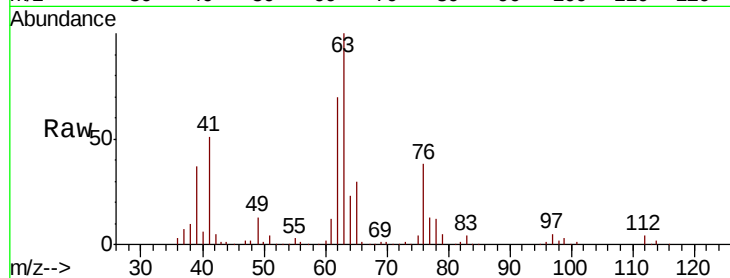
VN1210WBS03

Tot Ion: 63 Resp: 216947

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN052769.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN052769.D (-2192) (-)

9.12

120000

100000

80000

60000

40000

20000

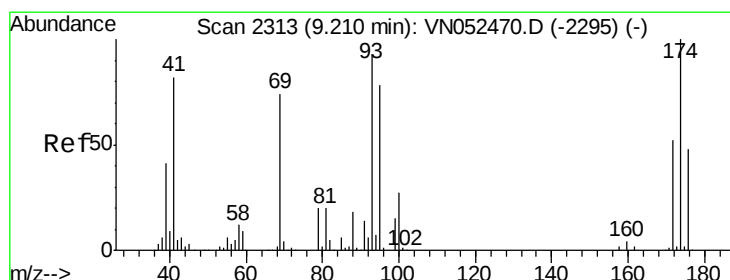
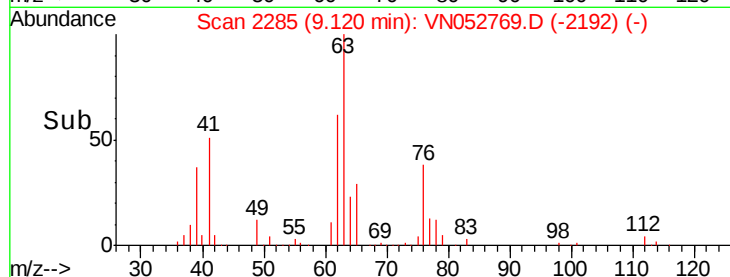
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 20.465 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

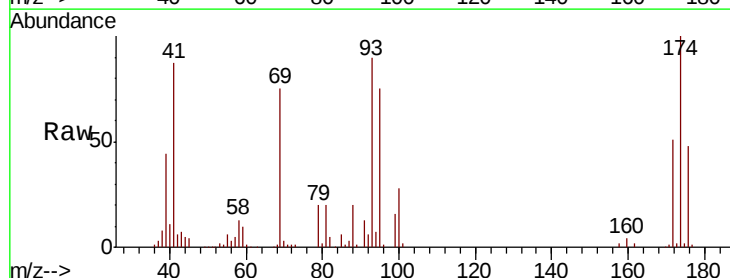
Tgt Ion: 93 Resp: 125344

Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 110.2 85.8 128.8



Abundance Ion 92.80 (92.50 to 93.50): VN052769.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN052769.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN052769.D (-2220) (-)

9.21

80000

60000

40000

20000

0

Time-->

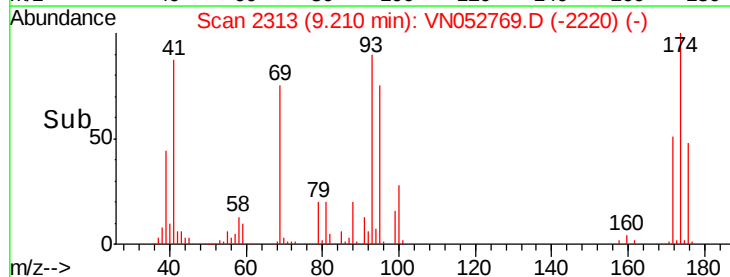
9.10

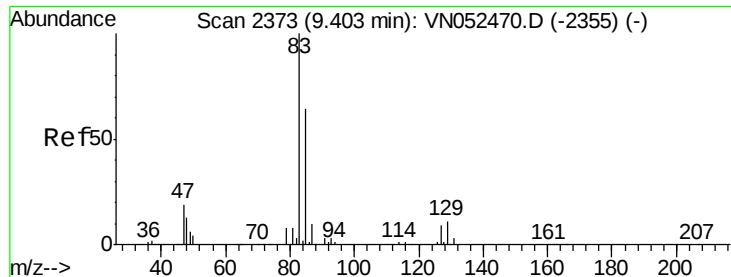
9.15

9.20

9.25

9.30

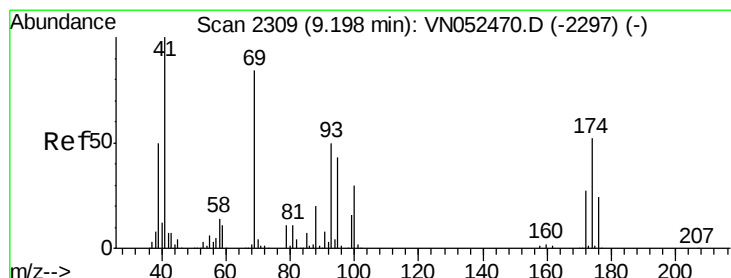
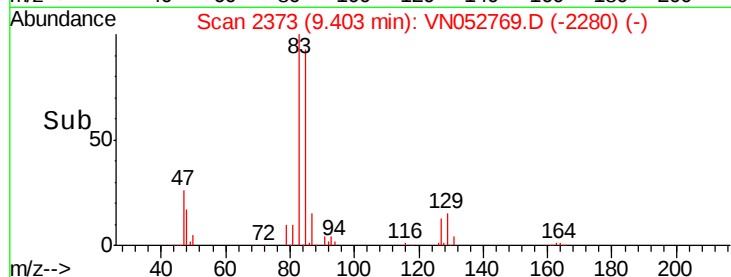
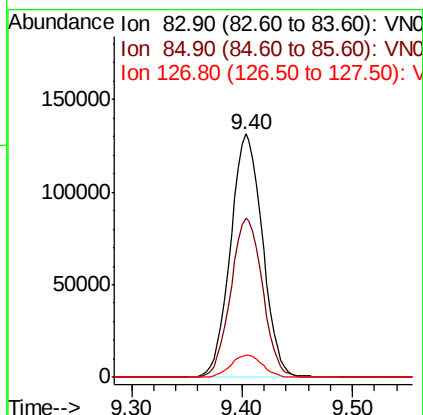
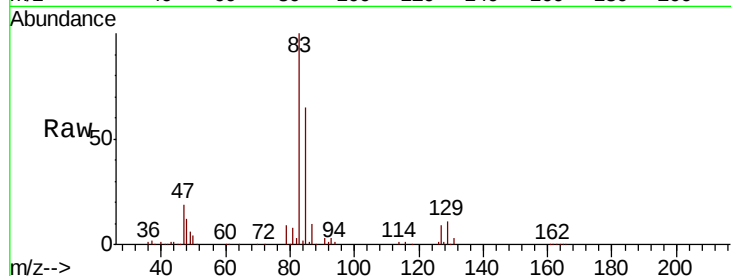




#47
Bromodichloromethane
Concen: 19.830 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

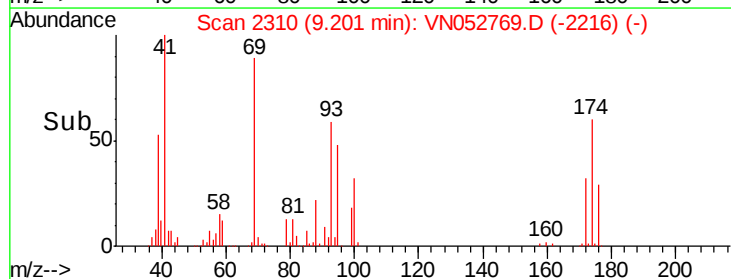
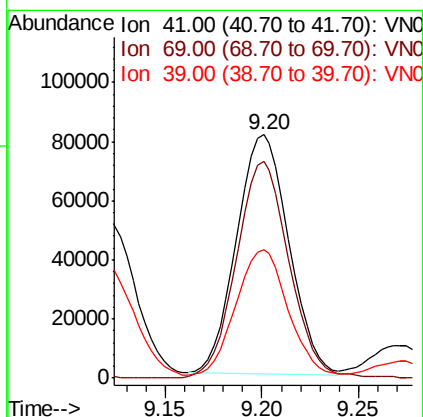
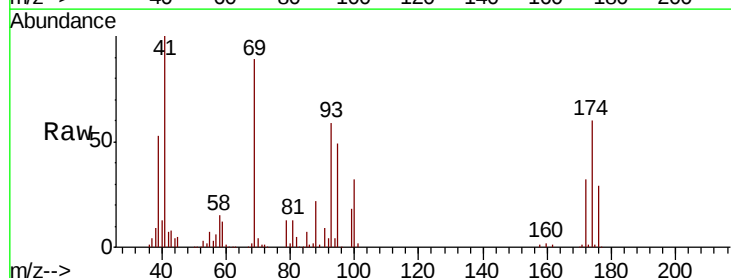
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

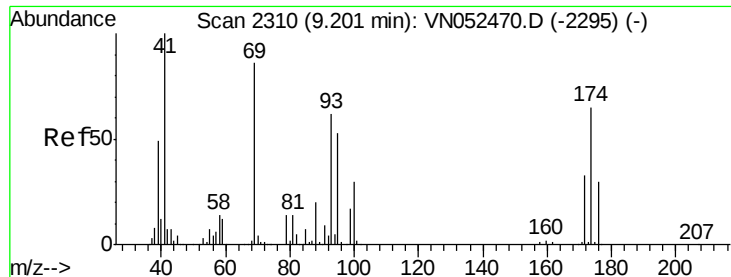
Tot Ion: 83 Resp: 264067
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9
127 9.1 6.9 10.3



#48
Methyl methacrylate
Concen: 20.218 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 41 Resp: 152041
Ion Ratio Lower Upper
41 100
69 91.7 70.0 105.0
39 54.2 42.6 64.0





#49

1,4-Dioxane

Concen: 486.223 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

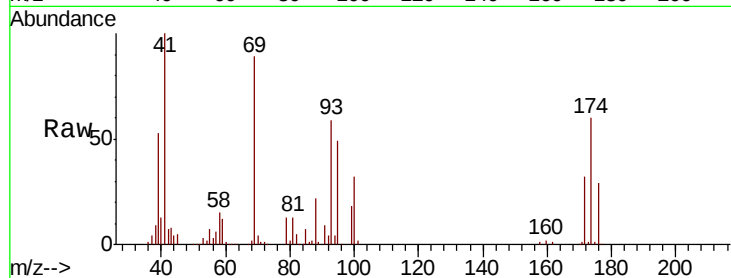
Tot Ion: 88 Resp: 37948

Ion Ratio Lower Upper

88 100

43 28.5 26.4 39.6

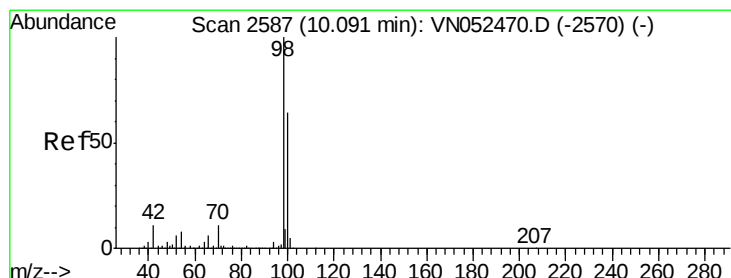
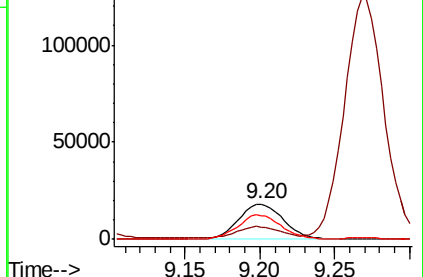
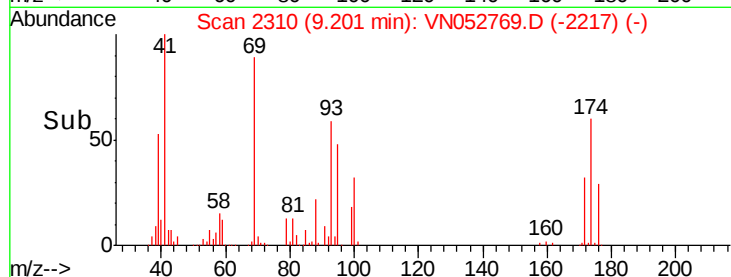
58 68.1 55.4 83.0



Abundance Ion 88.00 (87.70 to 88.70): VN052769.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN052769.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN052769.D (-2217) (-)



#50

Toluene-d8

Concen: 486.223 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052769.D

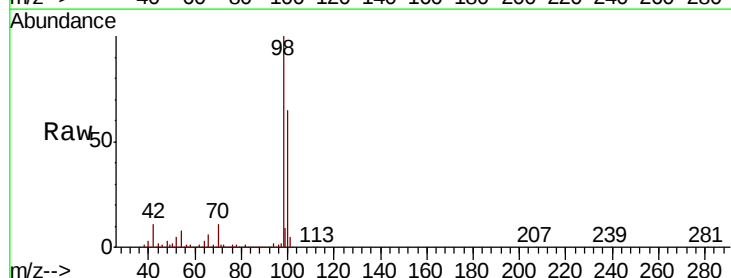
Acq: 10 Dec 2018 23:37

Tgt Ion: 98 Resp: 1816558

Ion Ratio Lower Upper

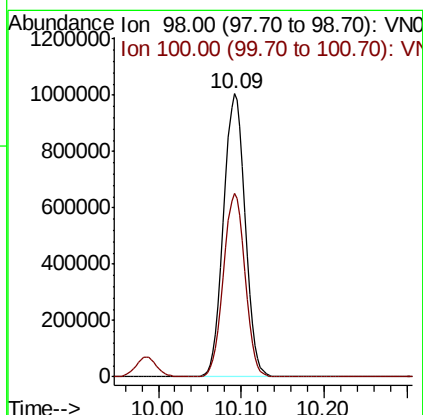
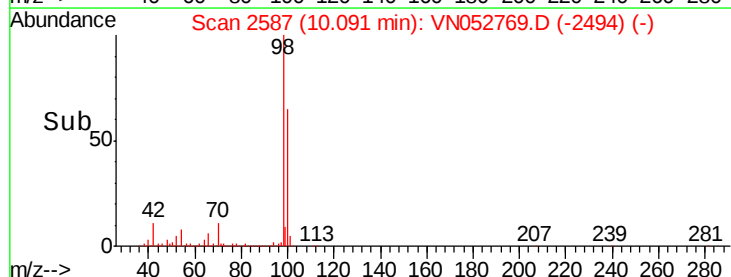
98 100

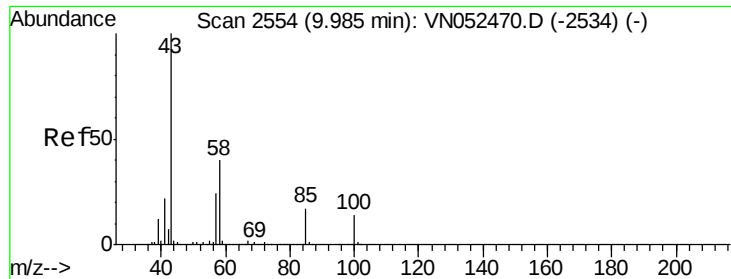
100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052769.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052769.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 106.936 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

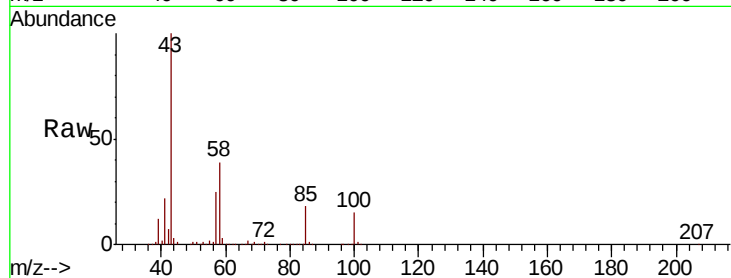
VN1210WBS03

Tot Ion: 43 Resp: 865315

Ion Ratio Lower Upper

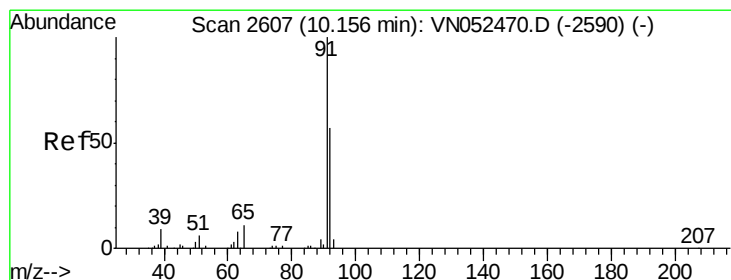
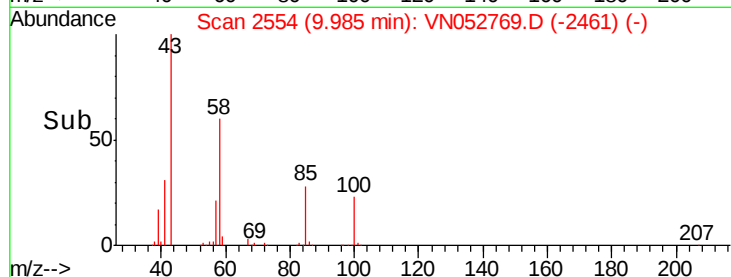
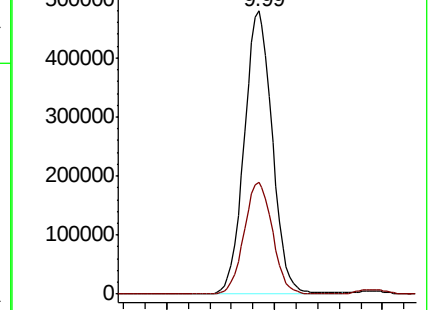
43 100

58 40.1 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.742 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052769.D

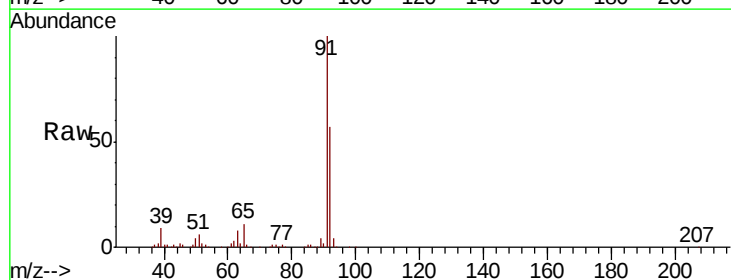
Acq: 10 Dec 2018 23:37

Tgt Ion: 92 Resp: 488147

Ion Ratio Lower Upper

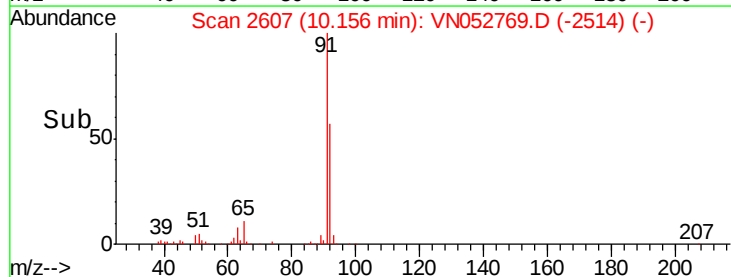
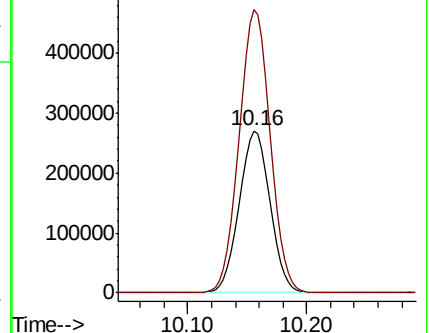
92 100

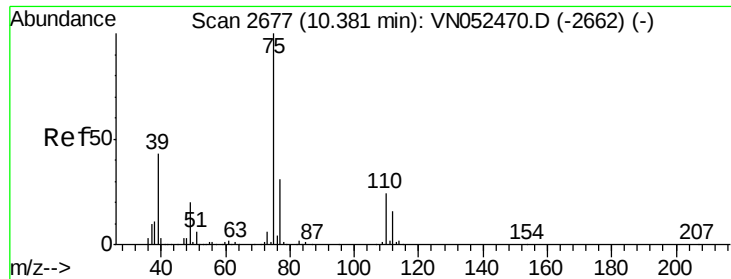
91 175.3 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.703 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

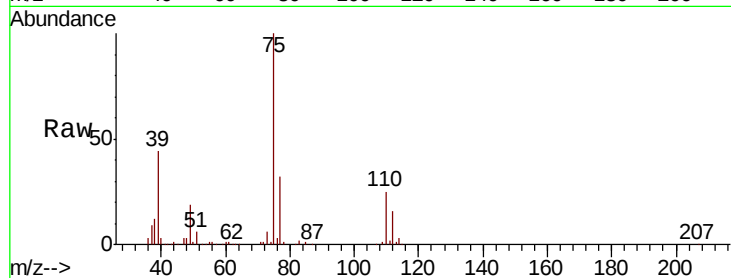
VN1210WBS03

Tot Ion: 75 Resp: 252411

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

150000

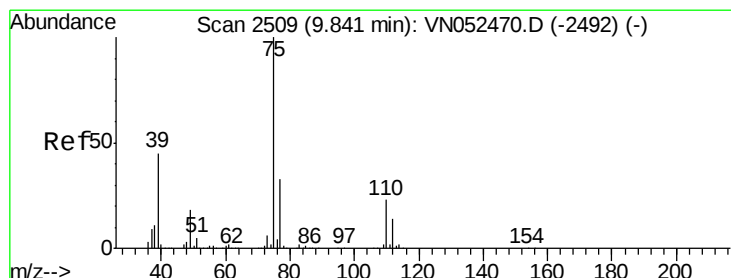
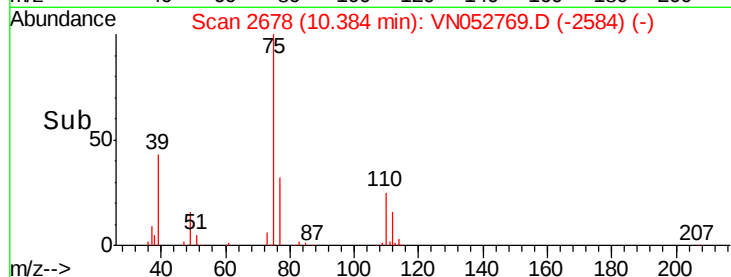
100000

50000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 19.250 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

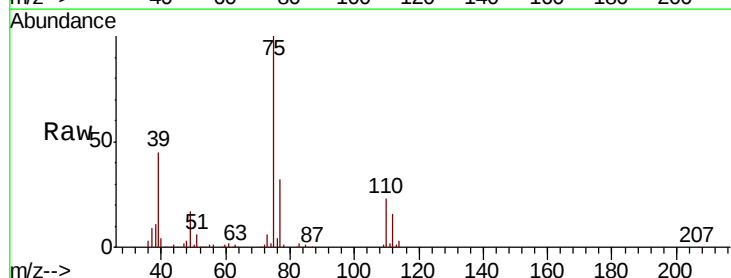
Tgt Ion: 75 Resp: 295536

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

39 44.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

150000

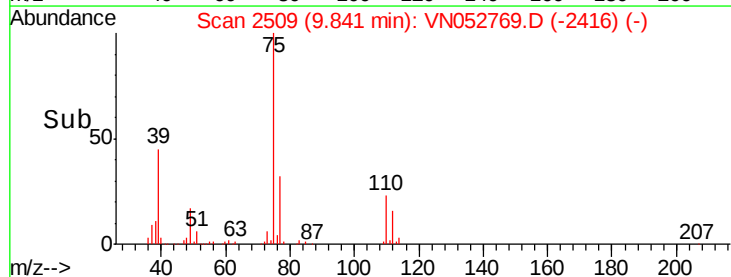
100000

50000

0

Time-->

9.75 9.80 9.85 9.90

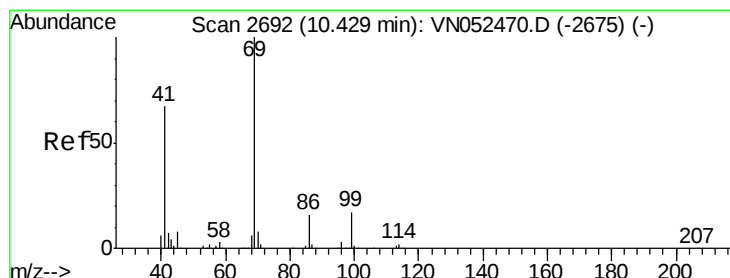
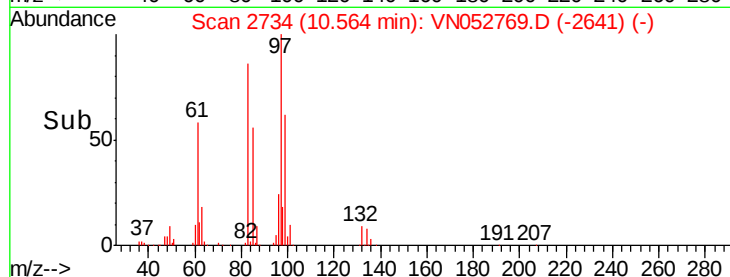
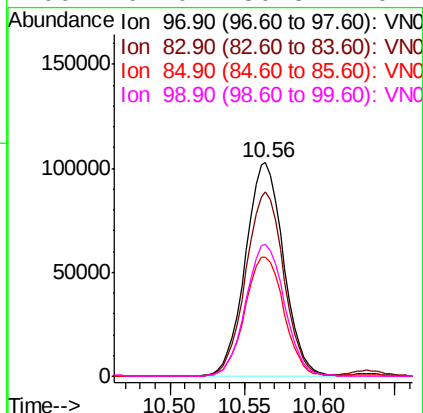
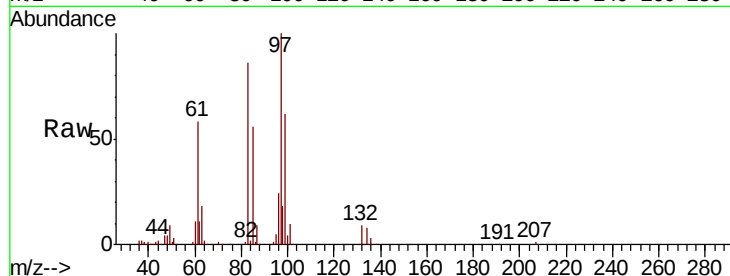




#55
 1,1,2-Trichloroethane
 Concen: 21.012 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

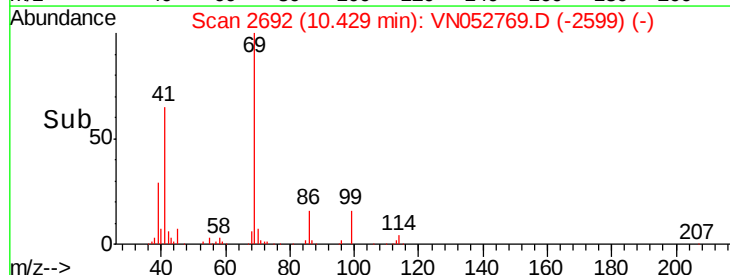
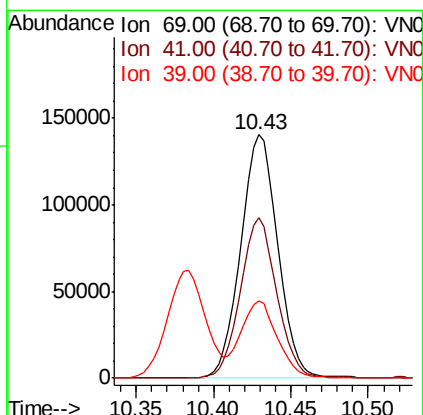
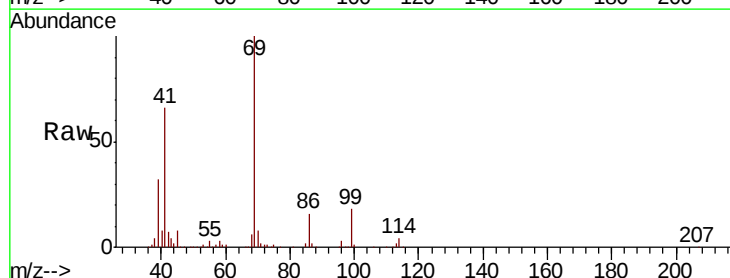
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

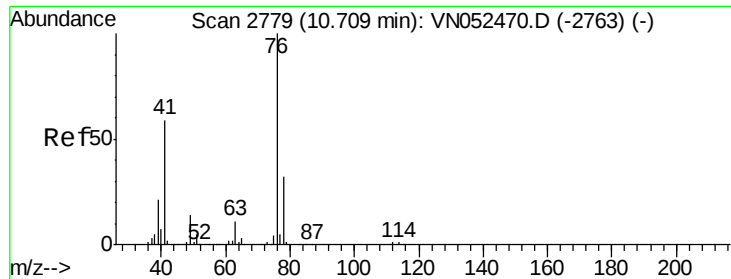
Tot Ion: 97 Resp: 182751
 Ion Ratio Lower Upper
 97 100
 83 86.4 70.7 106.1
 85 56.0 46.1 69.1
 99 62.0 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 21.037 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion: 69 Resp: 234157
 Ion Ratio Lower Upper
 69 100
 41 64.0 52.6 79.0
 39 31.2 25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.427 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

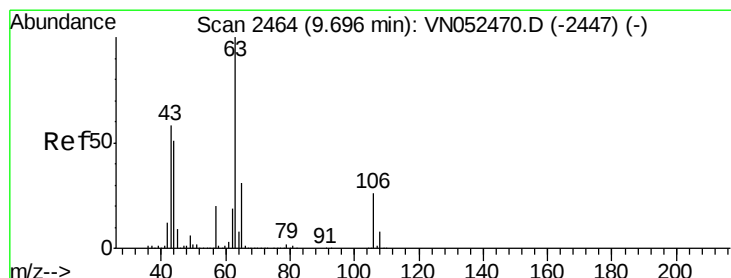
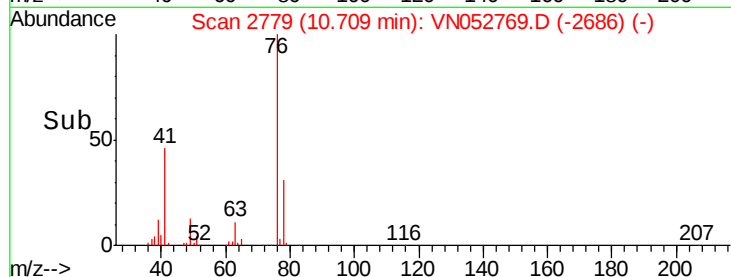
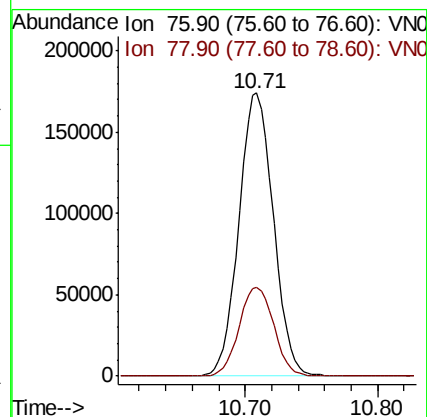
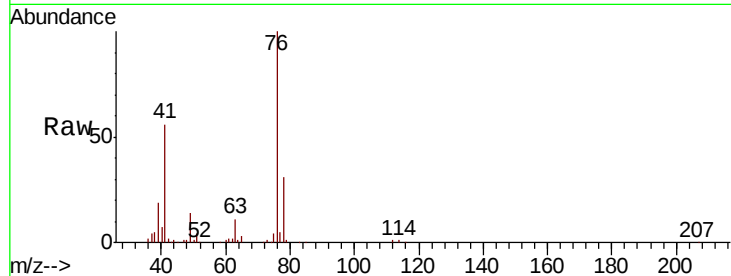
VN1210WBS03

Tot Ion: 76 Resp: 313704

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.361 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052769.D

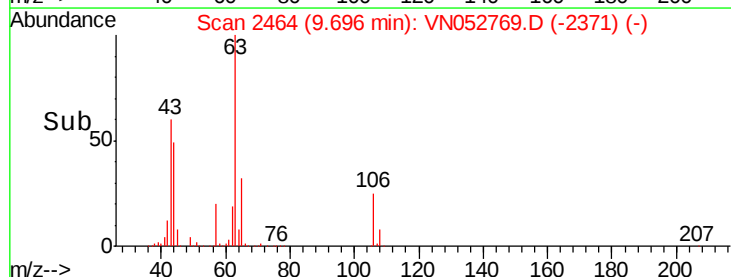
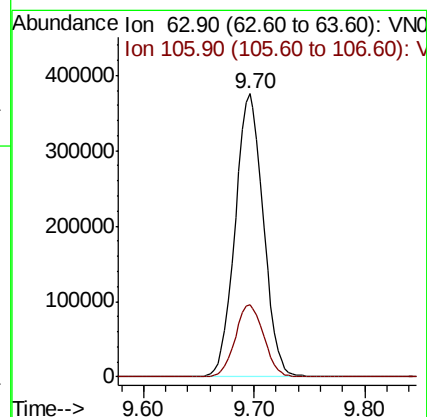
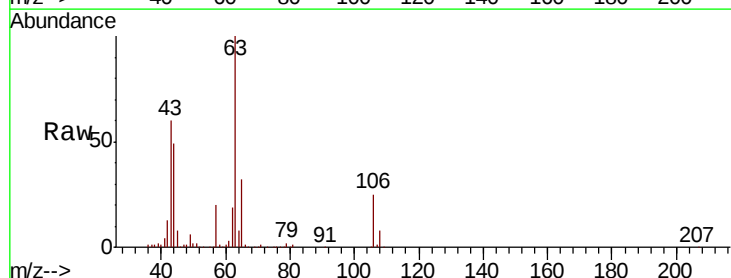
Acq: 10 Dec 2018 23:37

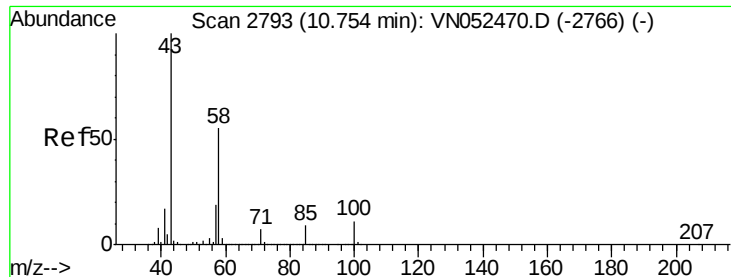
Tgt Ion: 63 Resp: 664941

Ion Ratio Lower Upper

63 100

106 25.9 20.6 30.8

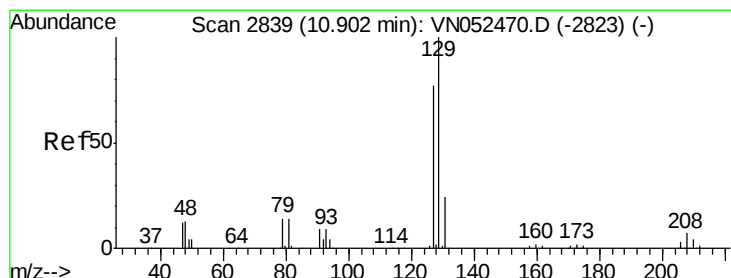
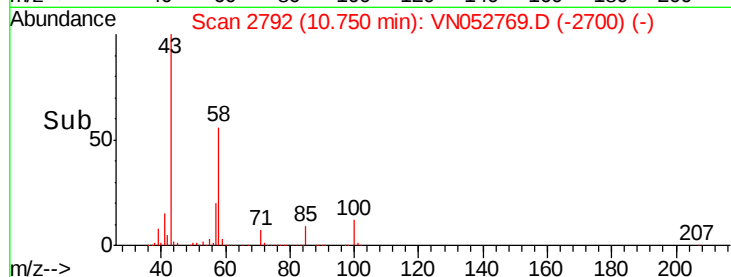
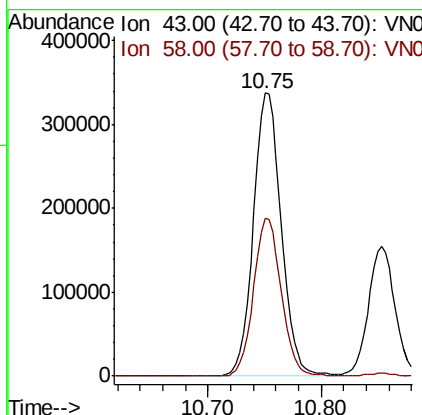
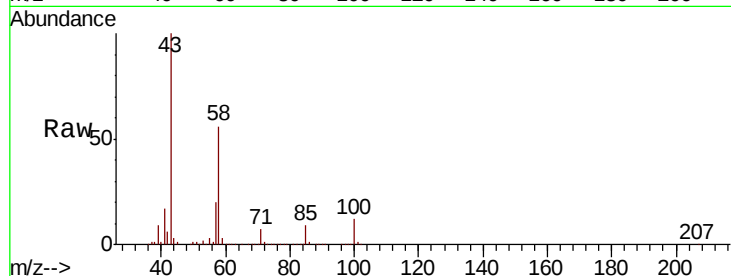




#59
2-Hexanone
Concen: 105.847 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

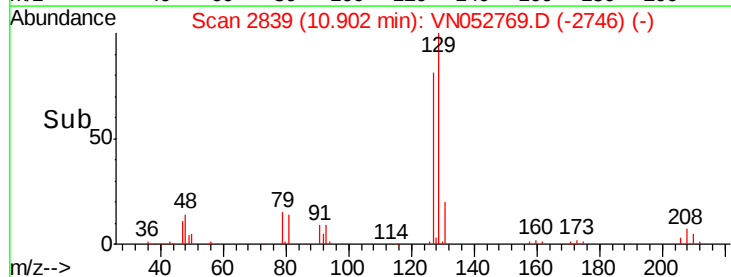
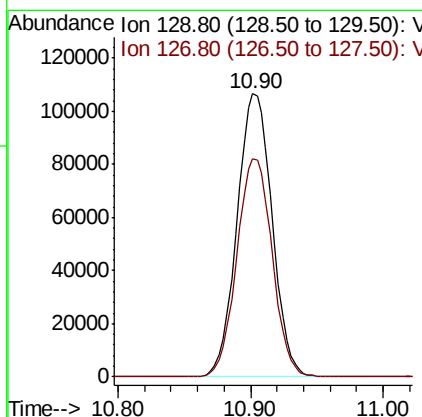
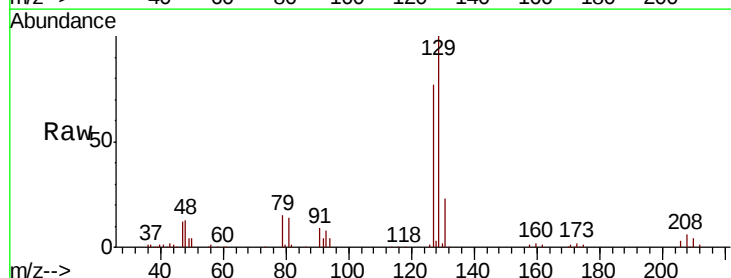
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

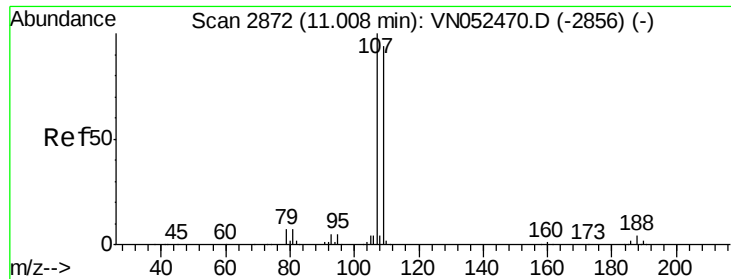
Tot Ion: 43 Resp: 574843
Ion Ratio Lower Upper
43 100
58 55.8 27.4 82.0



#60
Dibromochloromethane
Concen: 20.715 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 129 Resp: 195679
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

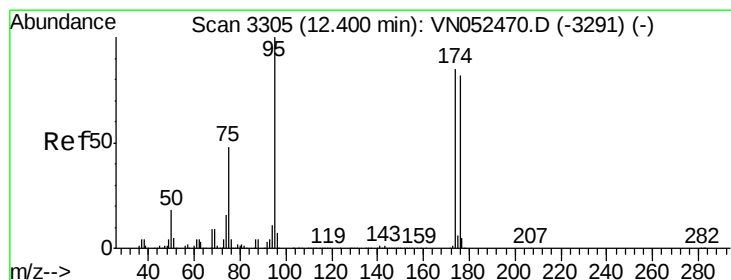
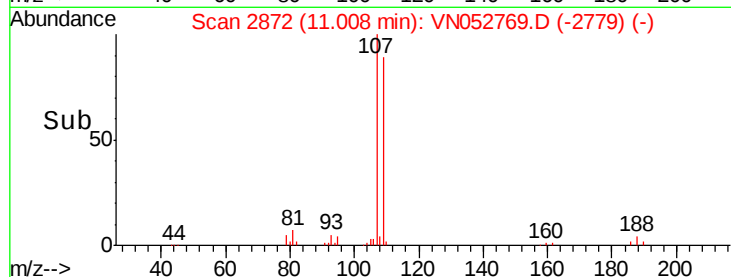
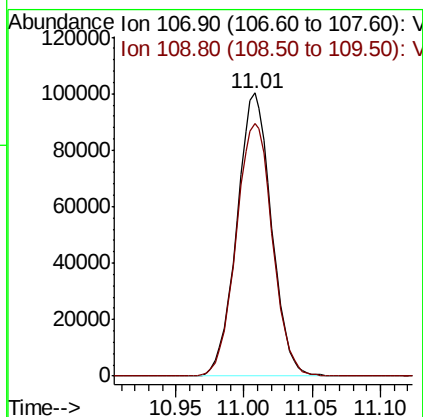
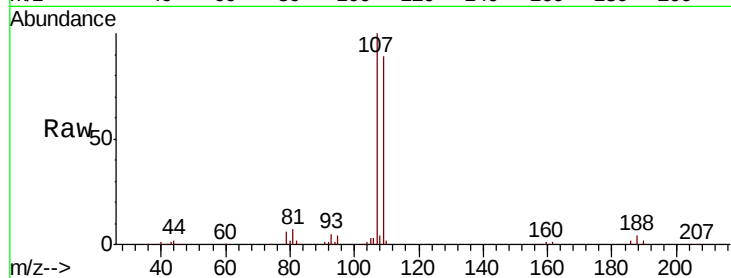




#61
 1,2-Dibromoethane
 Concen: 20.404 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

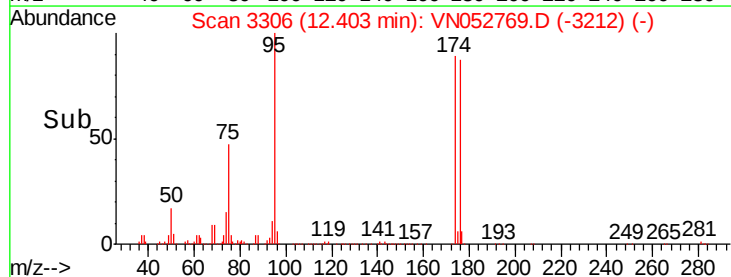
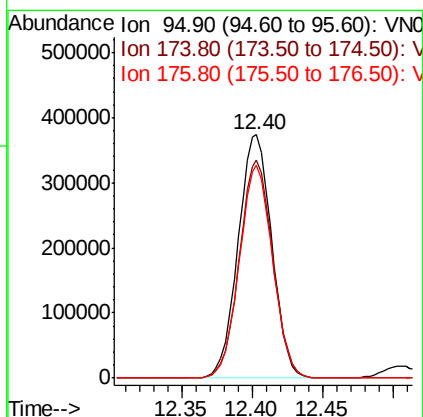
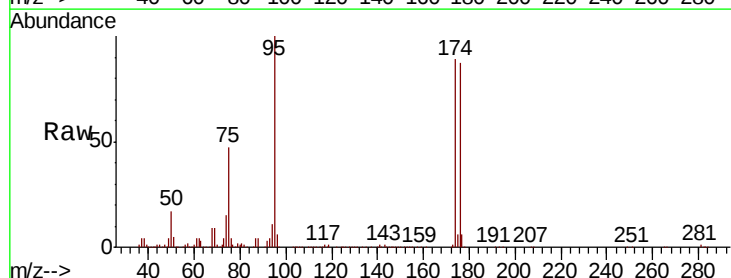
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

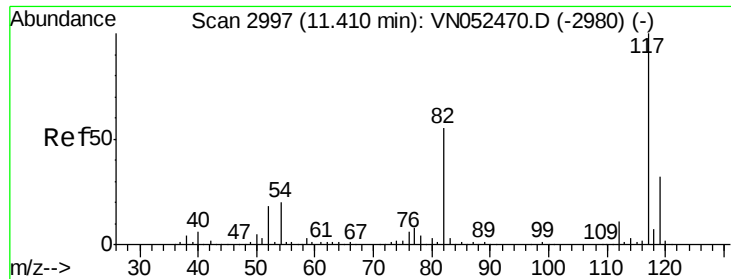
Tot Ion:107 Resp: 176262
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 20.404 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion: 95 Resp: 625311
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 173.0
 176 86.4 0.0 166.2

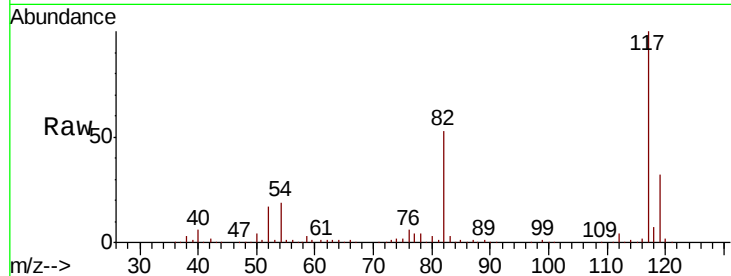




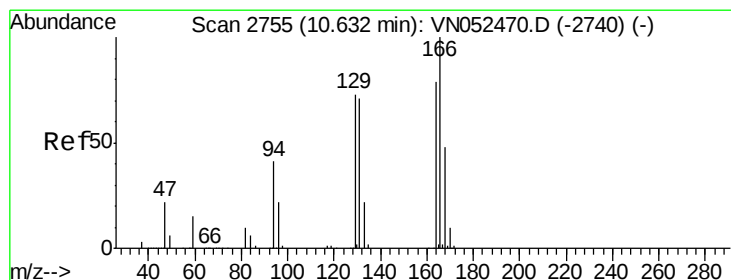
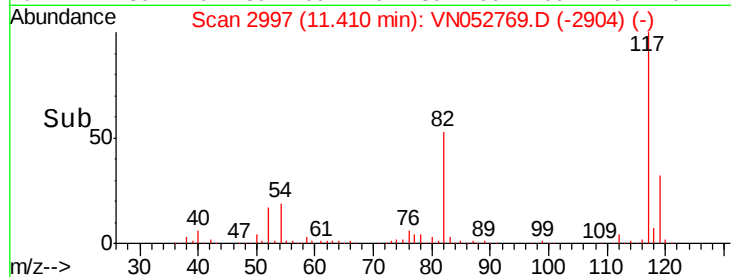
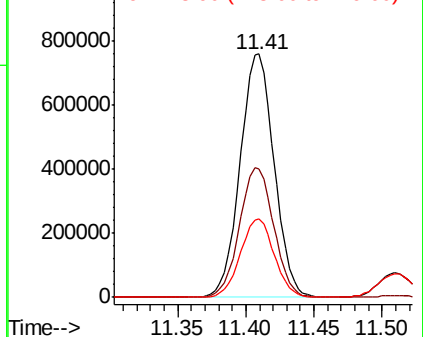
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

Tot Ion:117 Resp: 1310392
Ion Ratio Lower Upper
117 100
82 53.0 43.6 65.4
119 32.3 25.4 38.2

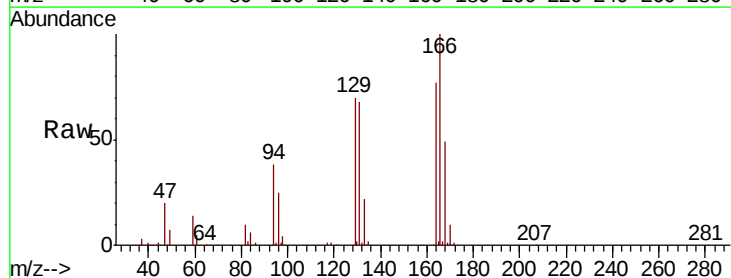


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

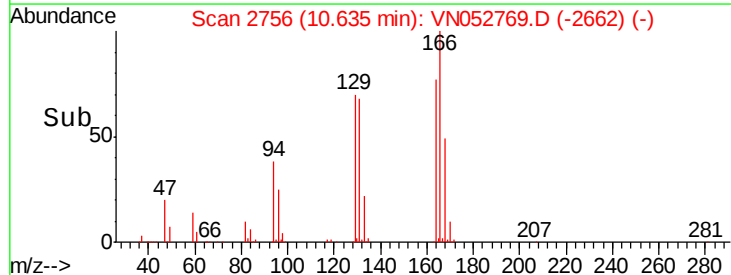
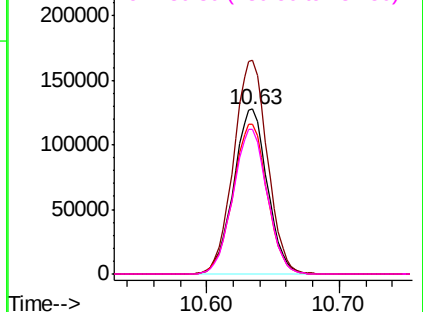


#64
Tetrachloroethene
Concen: 22.156 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion:164 Resp: 225099
Ion Ratio Lower Upper
164 100
166 129.6 101.0 151.4
129 91.1 73.8 110.6
131 87.5 71.2 106.8



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

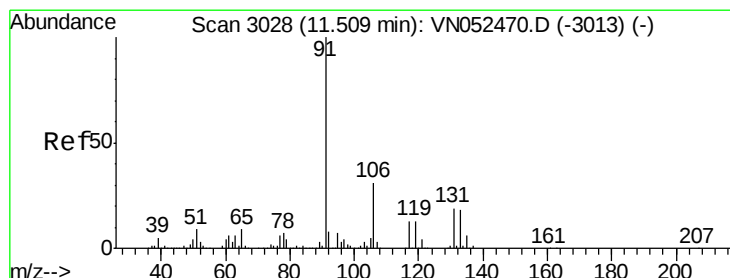
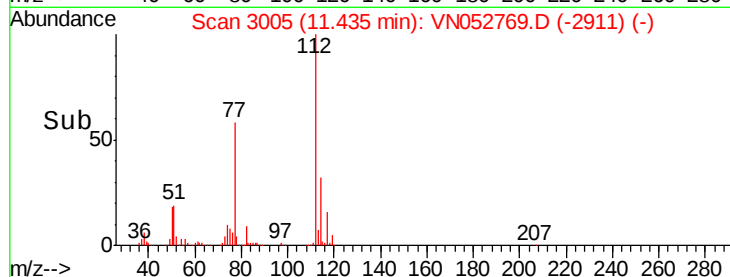
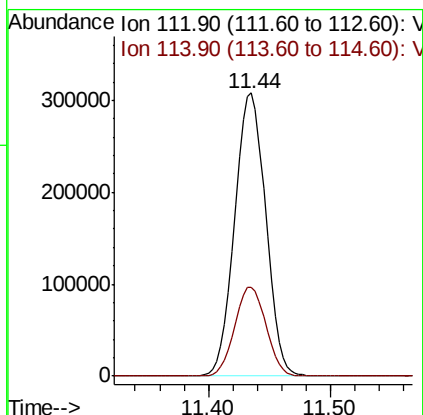
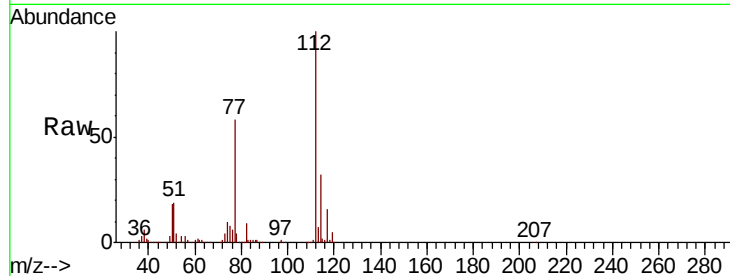




#65
Chlorobenzene
Concen: 20.080 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

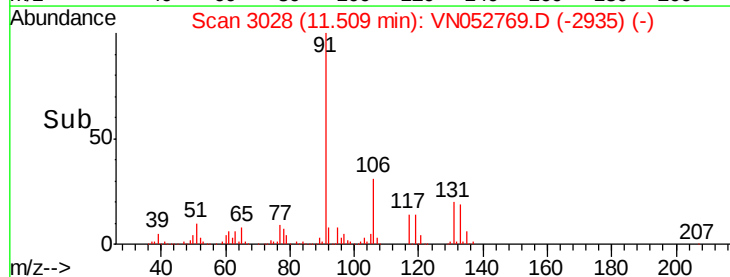
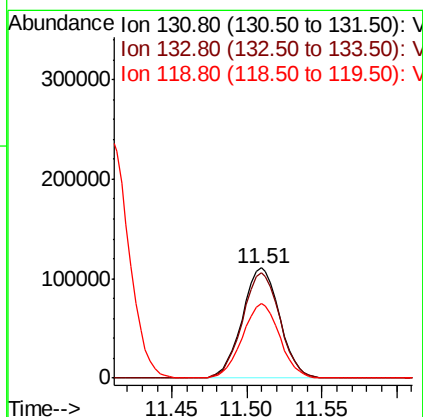
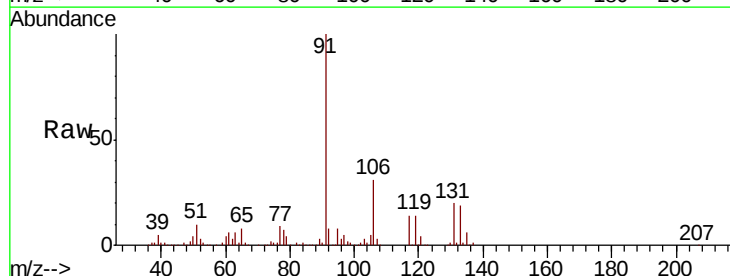
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

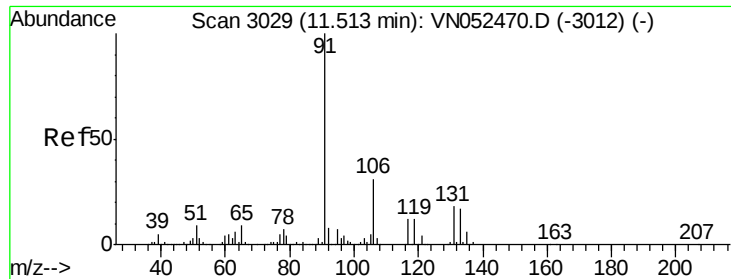
Tot Ion:112 Resp: 542555
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.511 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion:131 Resp: 192705
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 67.6 33.2 99.6

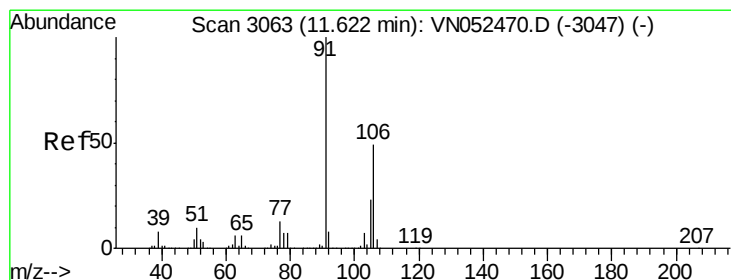
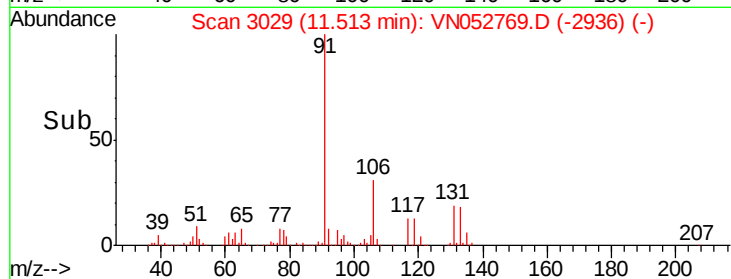
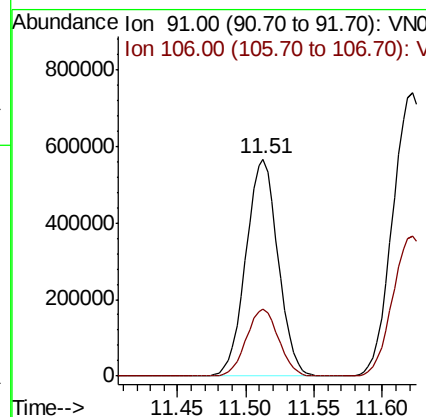
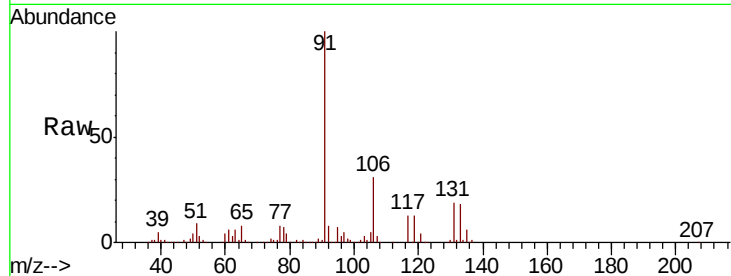




#67
Ethyl Benzene
Concen: 19.618 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

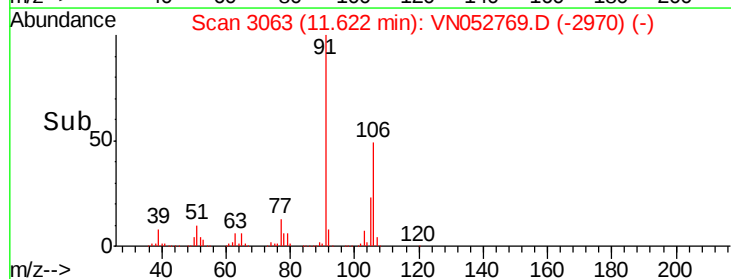
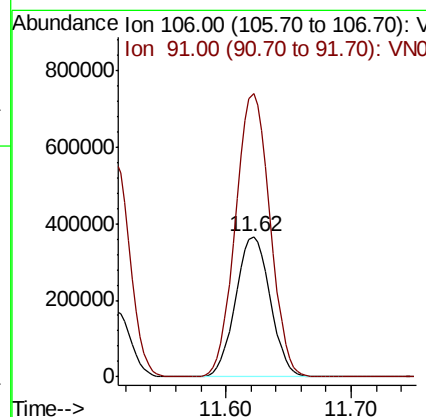
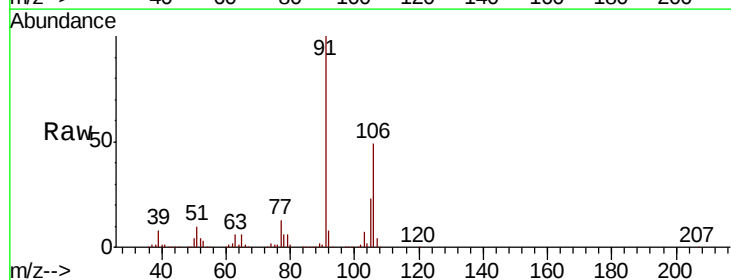
Instrument :
MSVOA_N
ClientSampled :
VN1210WBS03

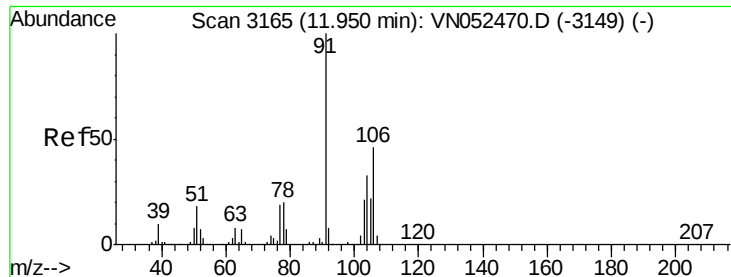
Tot Ion: 91 Resp: 928272
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 39.891 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion: 106 Resp: 702679
Ion Ratio Lower Upper
106 100
91 200.7 163.2 244.8

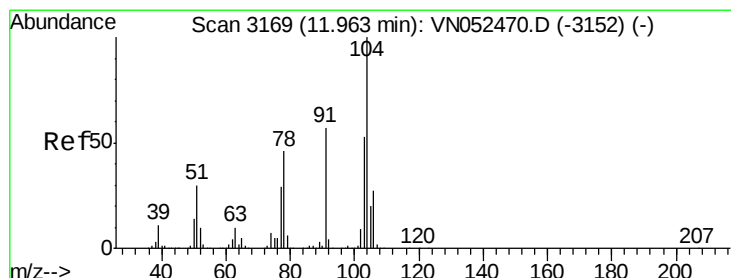
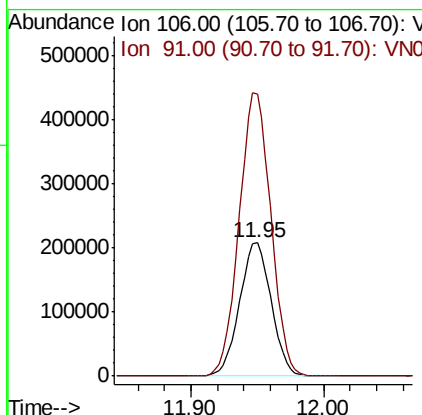
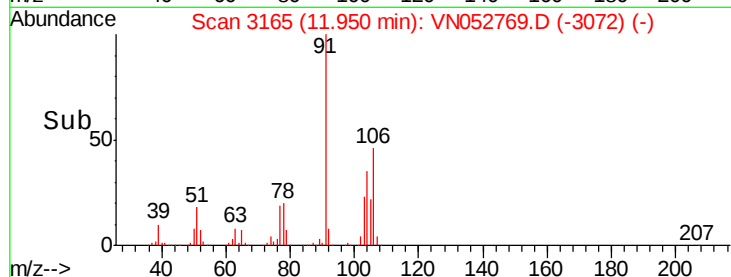
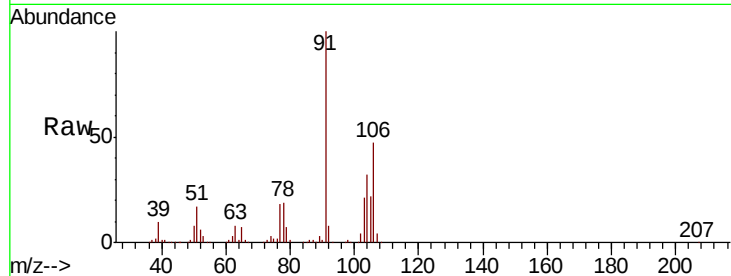




#69
o-Xylene
Concen: 20.198 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

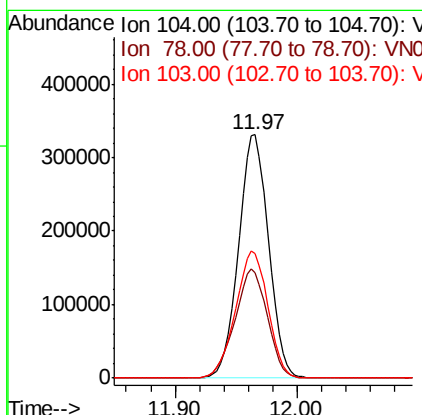
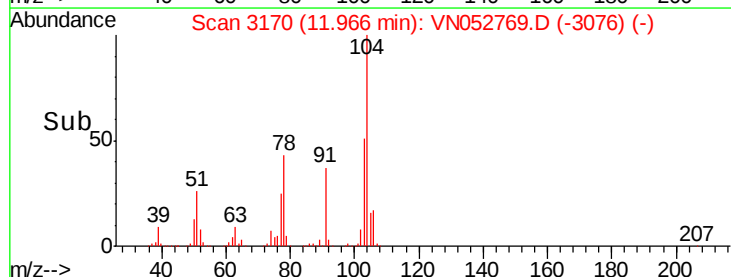
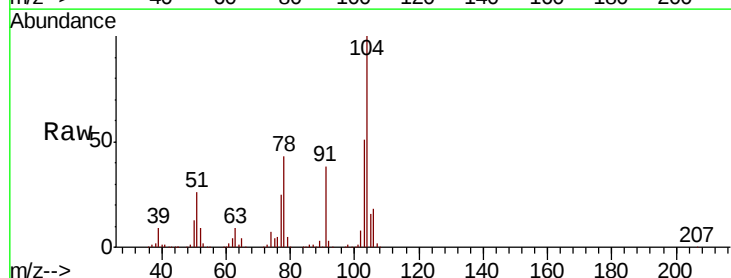
Instrument :
MSVOA_N
ClientSampled :
VN1210WBS03

Tot Ion:106 Resp: 345507
Ion Ratio Lower Upper
106 100
91 213.4 107.7 323.1



#70
Styrene
Concen: 20.557 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion:104 Resp: 560068
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.2
103 56.5 44.9 67.3

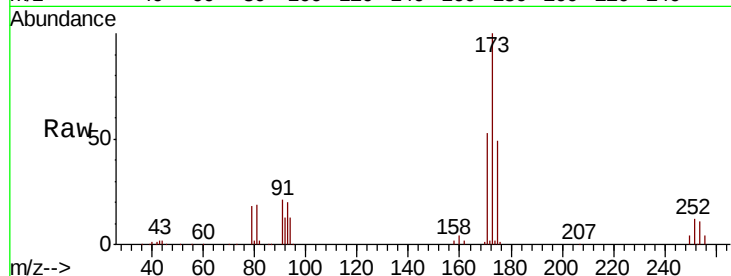




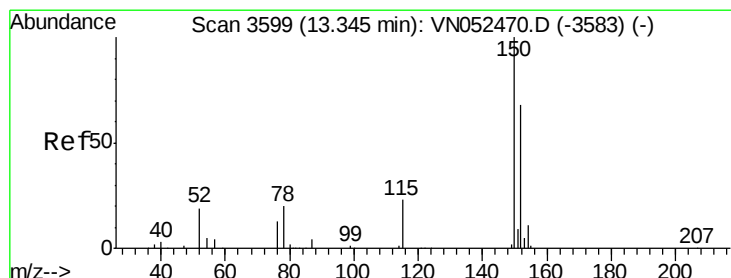
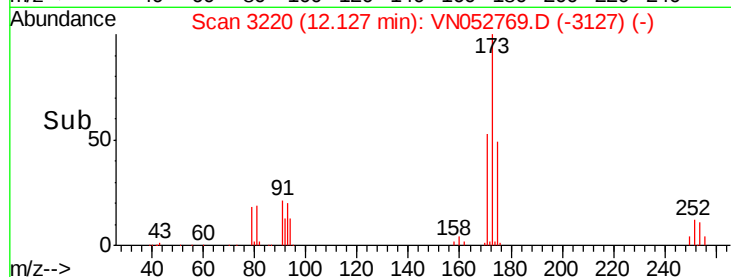
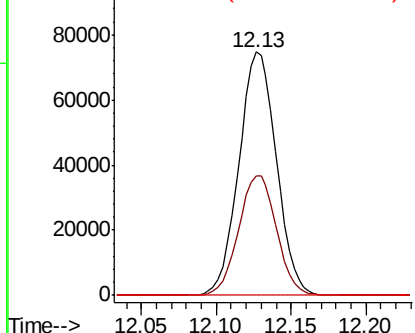
#71
Bromoform
Concen: 20.962 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS03

Tot Ion:173 Resp: 130396
Ion Ratio Lower Upper
173 100
175 49.7 24.4 73.2
254 0.0 0.1 0.1#

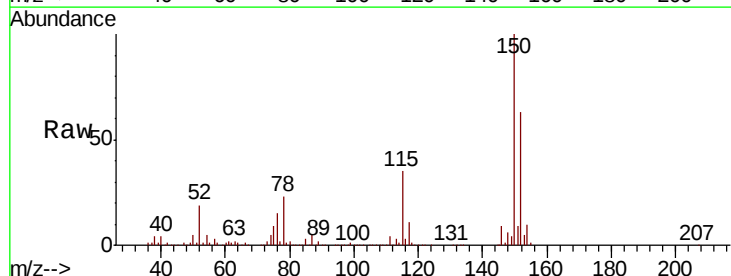


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

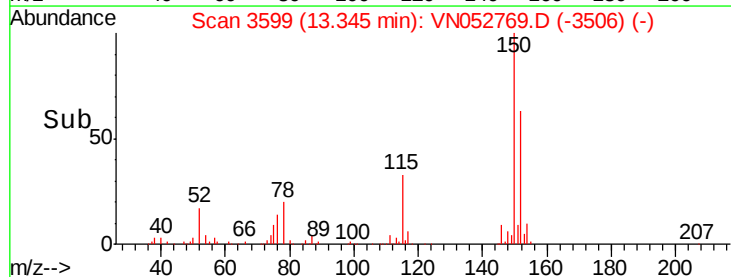
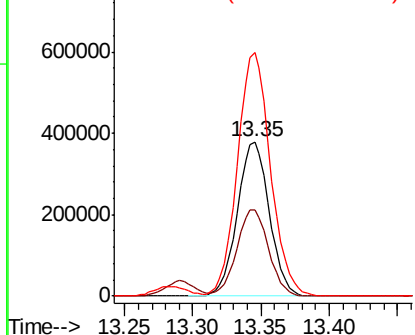


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052769.D
Acq: 10 Dec 2018 23:37

Tgt Ion:152 Resp: 613224
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 163.7 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.142 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

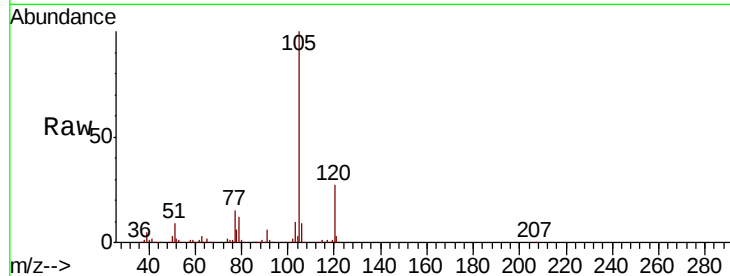
VN1210WBS03

Tot Ion:105 Resp: 920966

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

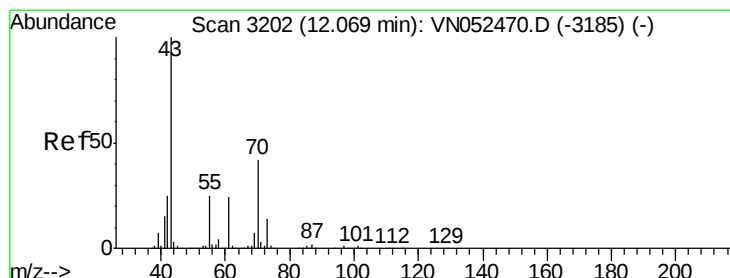
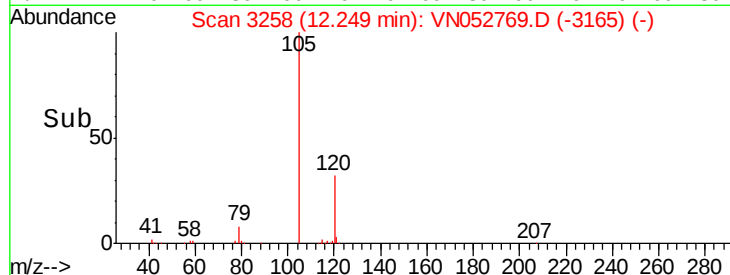
400000

200000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 21.398 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Tgt Ion: 43 Resp: 260087

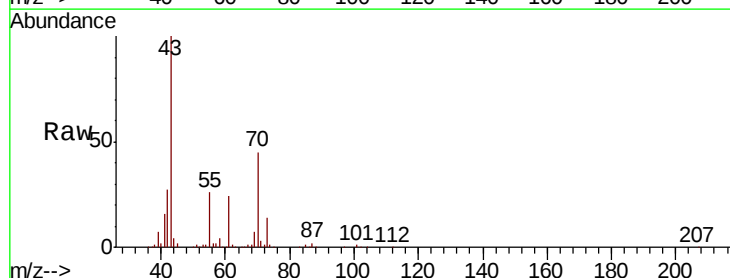
Ion Ratio Lower Upper

43 100

70 44.0 33.8 50.8

55 25.6 20.0 30.0

61 24.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

150000

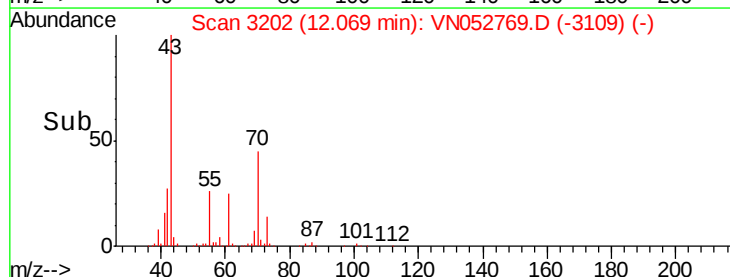
100000

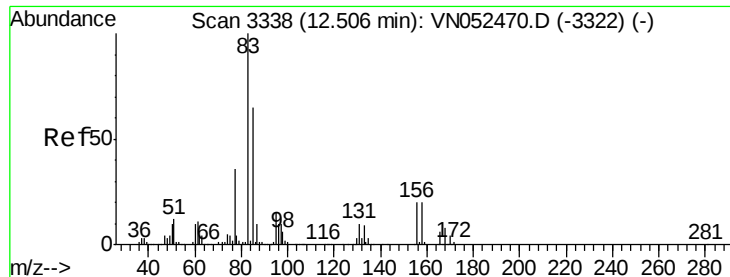
50000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.296 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

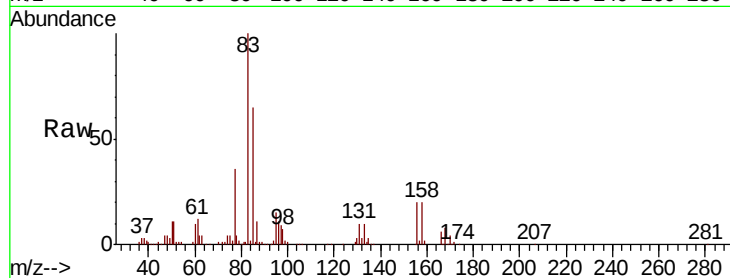
Tot Ion: 83 Resp: 211181

Ion Ratio Lower Upper

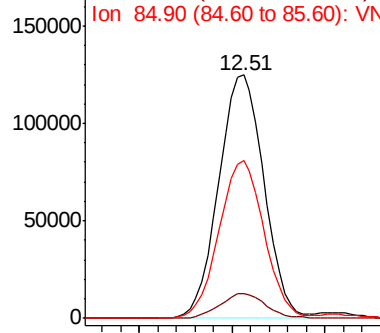
83 100

131 10.3 5.0 15.0

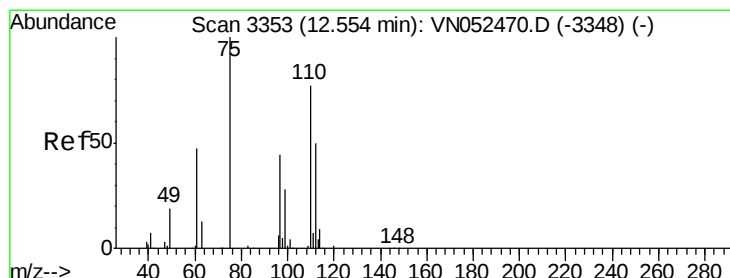
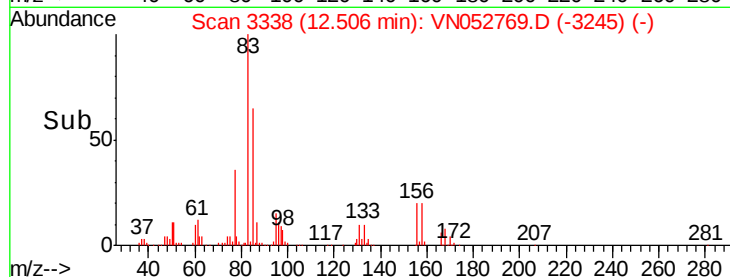
85 64.6 31.9 95.9



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



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.303 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052769.D

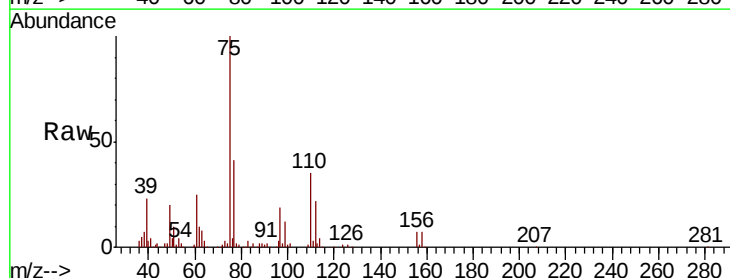
Acq: 10 Dec 2018 23:37

Tgt Ion: 75 Resp: 267638

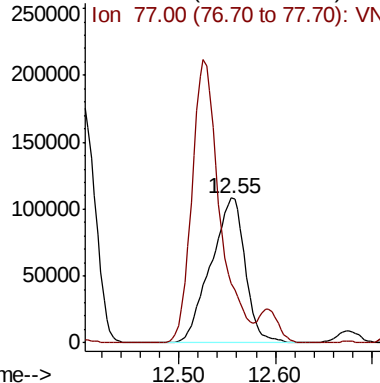
Ion Ratio Lower Upper

75 100

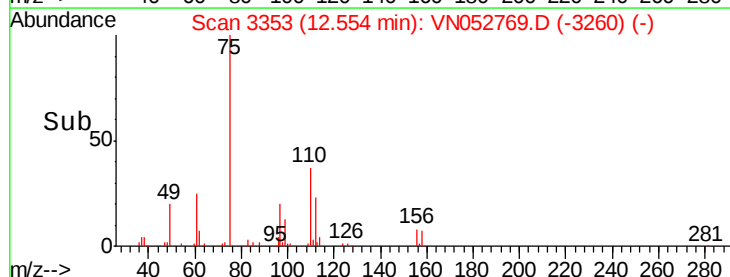
77 0.0 0.0 0.0

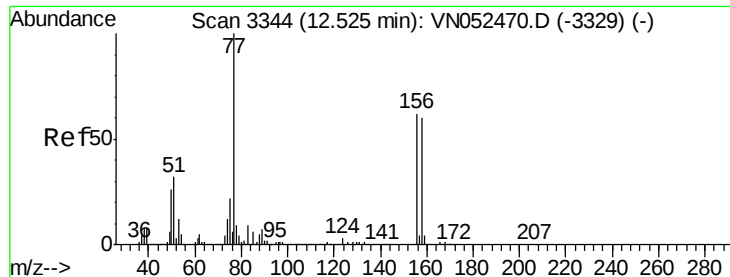


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO



Time-->





#77

Bromobenzene

Concen: 19.749 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

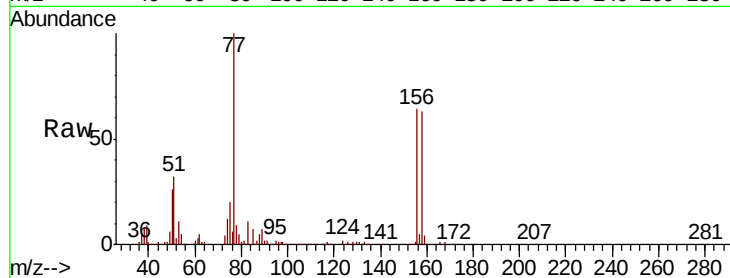
Tot Ion:156 Resp: 234846

Ion Ratio Lower Upper

156 100

77 181.2 93.5 280.4

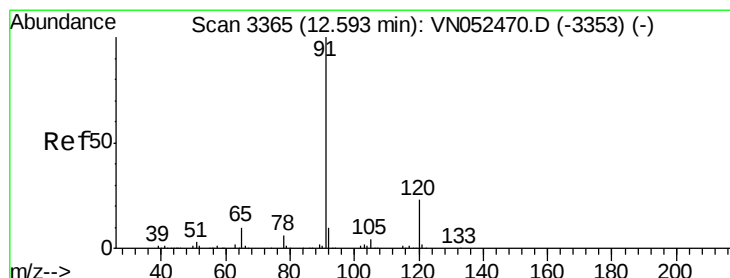
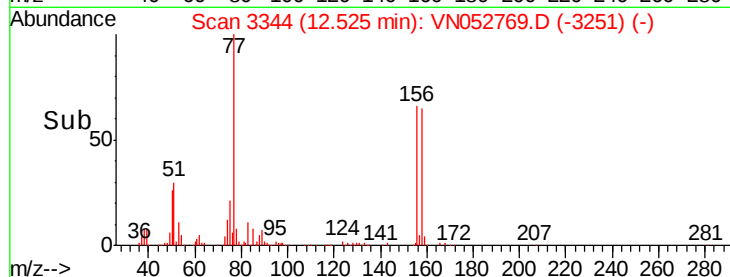
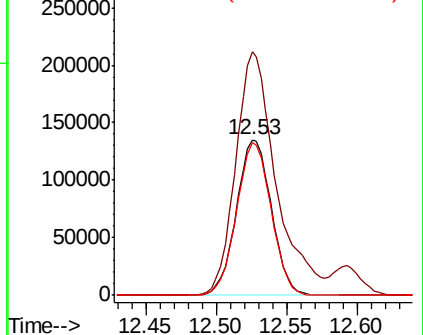
158 97.1 48.3 144.9



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: 18.942 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052769.D

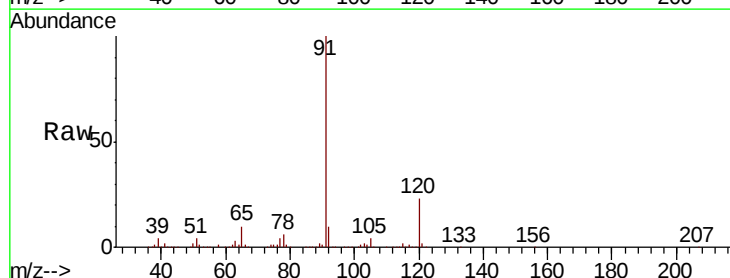
Acq: 10 Dec 2018 23:37

Tgt Ion: 91 Resp: 1035317

Ion Ratio Lower Upper

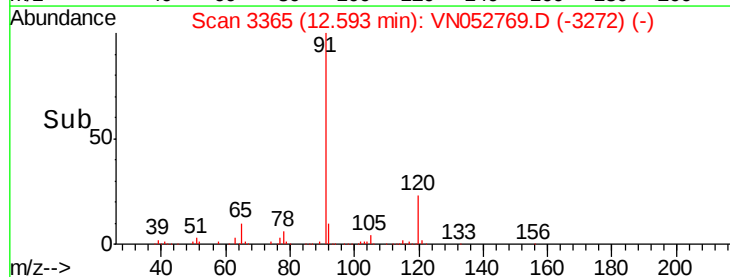
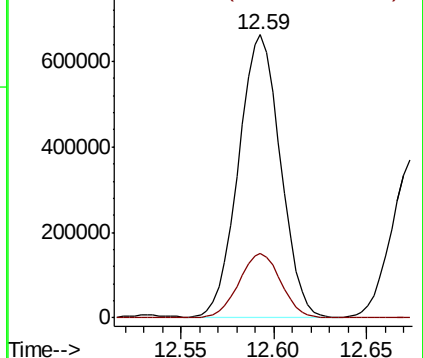
91 100

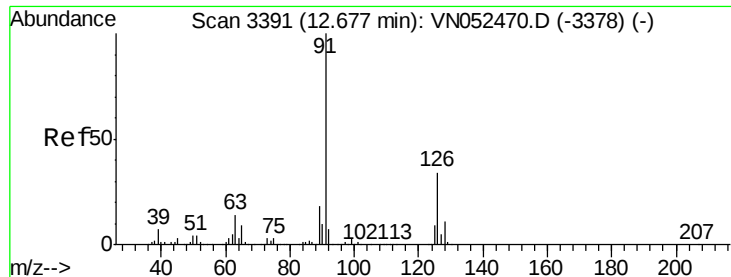
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.049 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

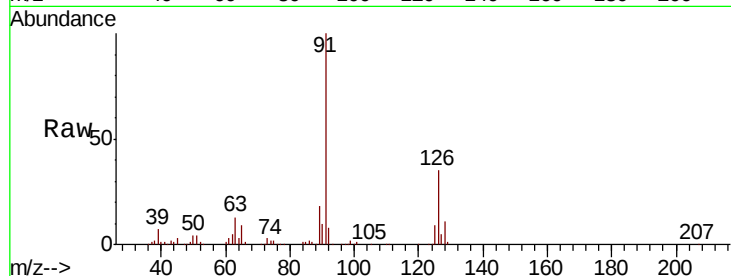
VN1210WBS03

Tot Ion: 91 Resp: 620009

Ion Ratio Lower Upper

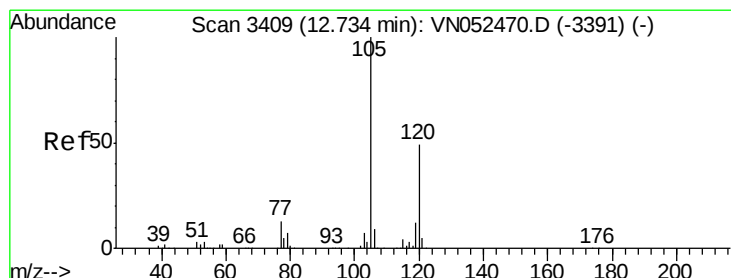
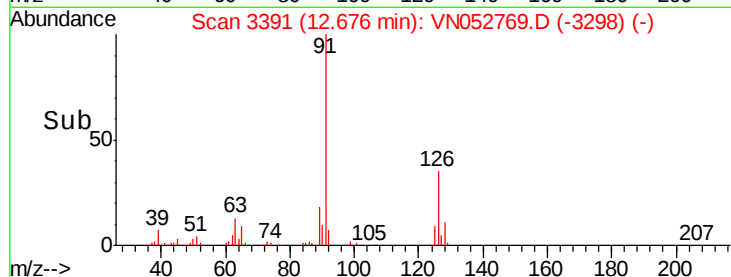
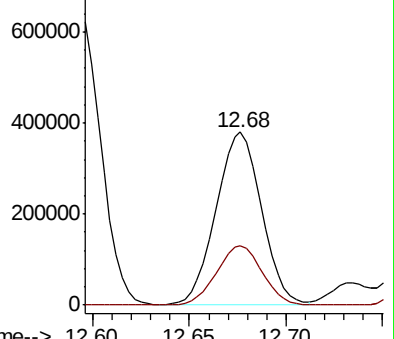
91 100

126 34.7 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052470.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.418 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052769.D

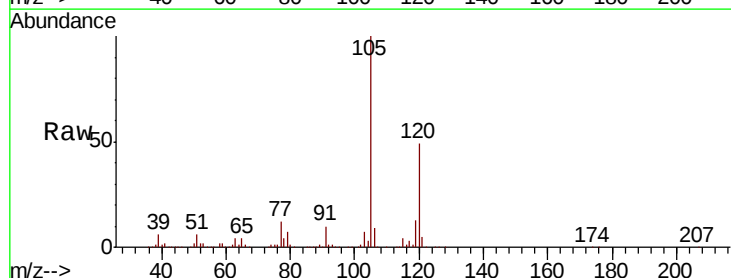
Acq: 10 Dec 2018 23:37

Tgt Ion: 105 Resp: 745100

Ion Ratio Lower Upper

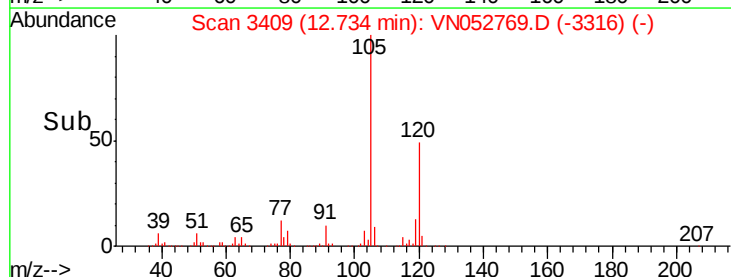
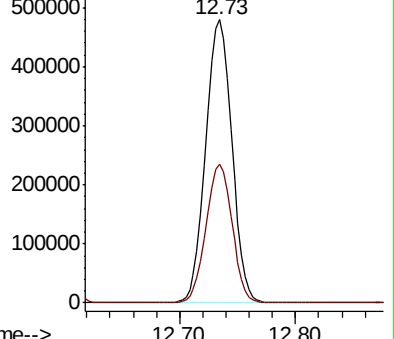
105 100

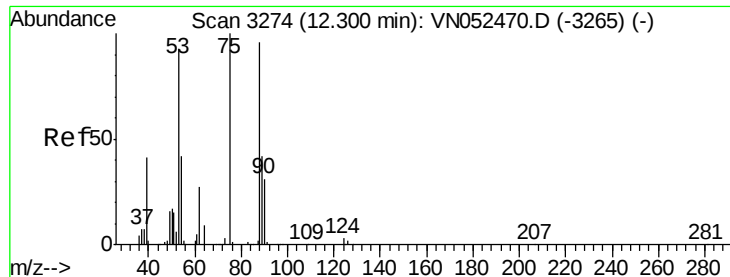
120 48.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.618 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

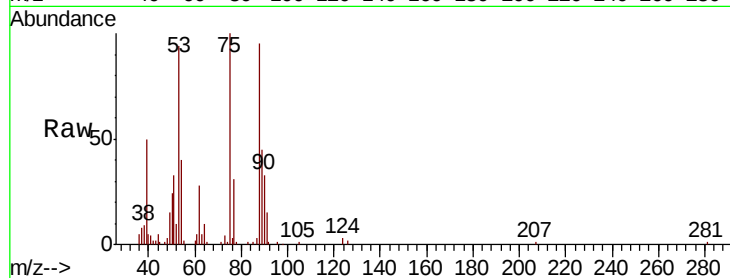
Tot Ion: 75 Resp: 52719

Ion Ratio Lower Upper

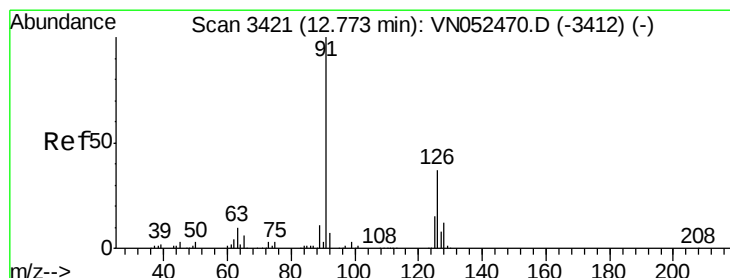
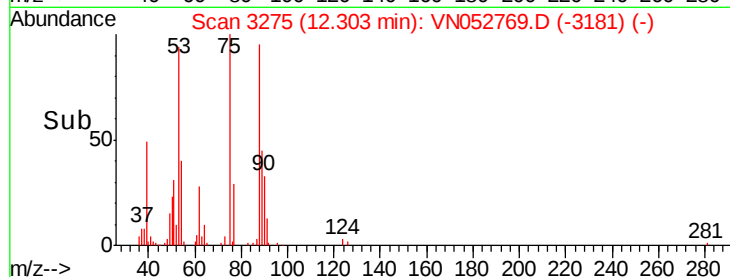
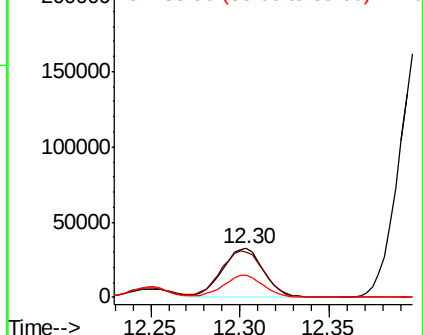
75 100

53 99.1 77.4 116.0

89 43.2 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 19.026 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052769.D

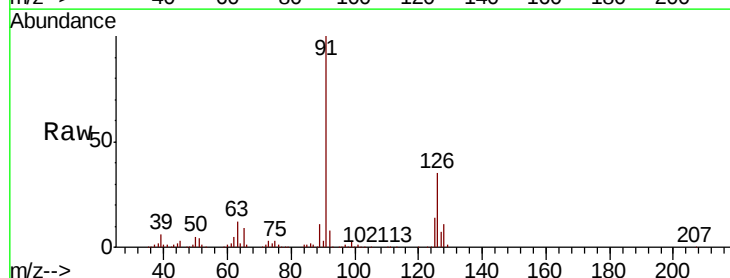
Acq: 10 Dec 2018 23:37

Tgt Ion: 91 Resp: 624124

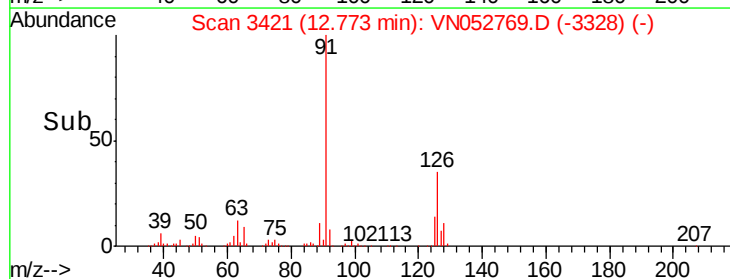
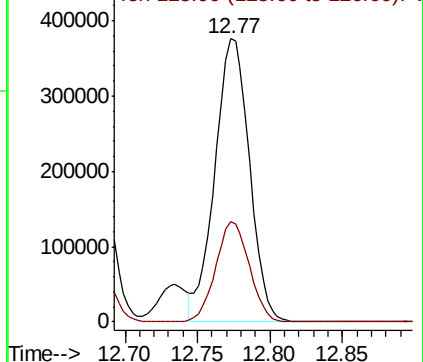
Ion Ratio Lower Upper

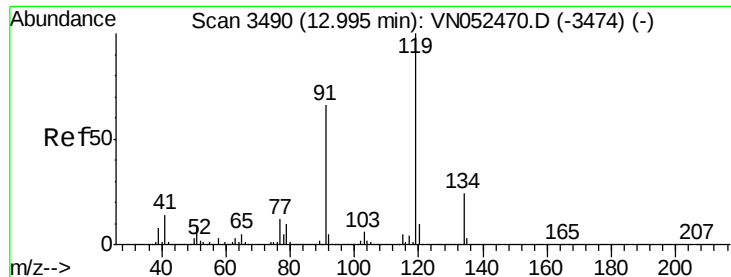
91 100

126 34.4 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

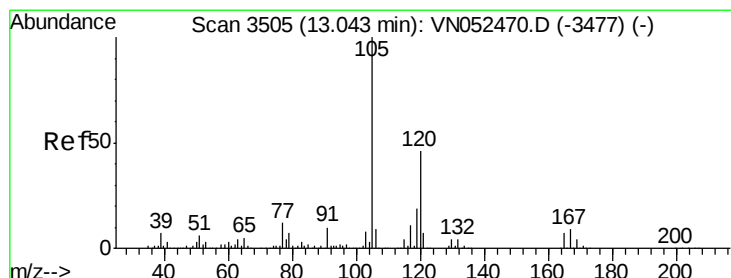
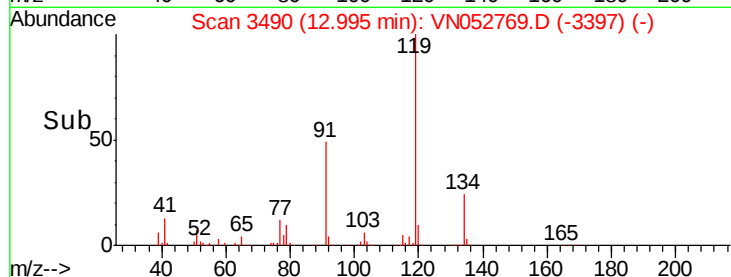
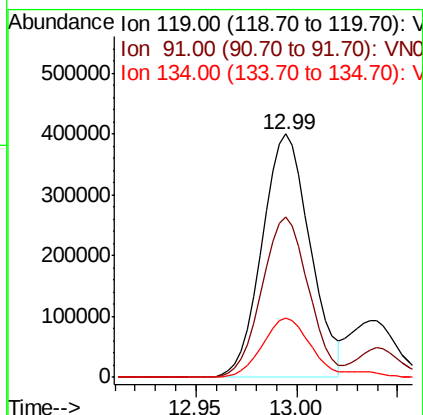
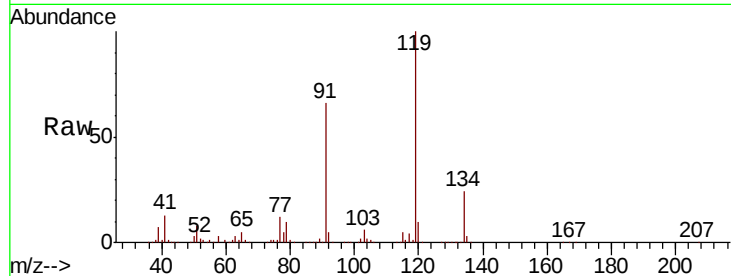




#83
 tert-Butylbenzene
 Concen: 19.307 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

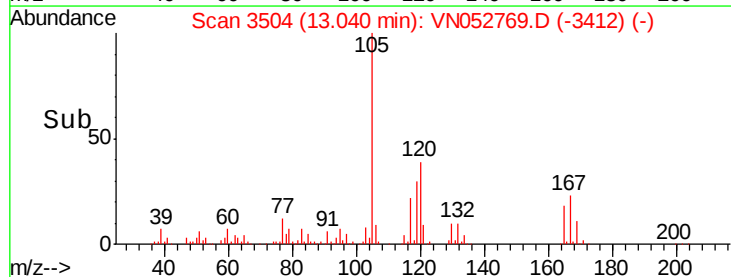
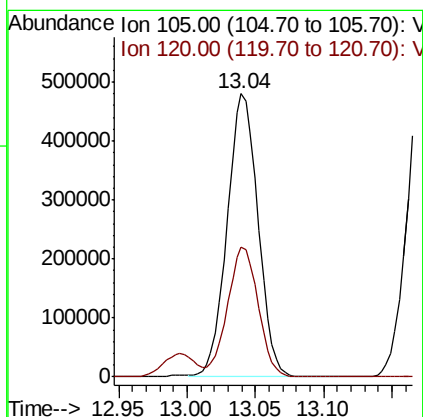
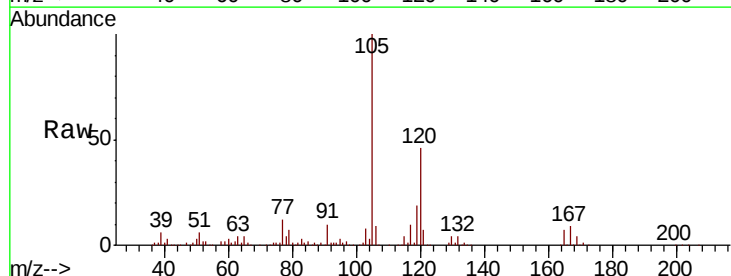
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

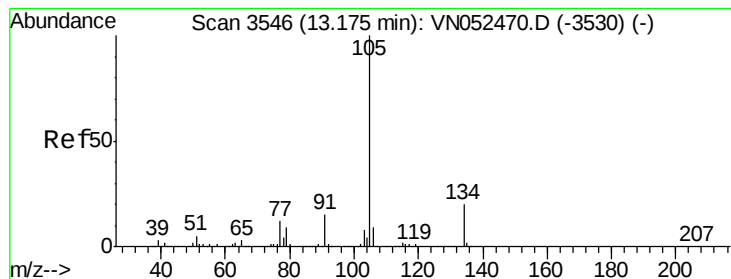
Tot Ion:119 Resp: 660459
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.9
 134 25.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.568 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion:105 Resp: 752462
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.108 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

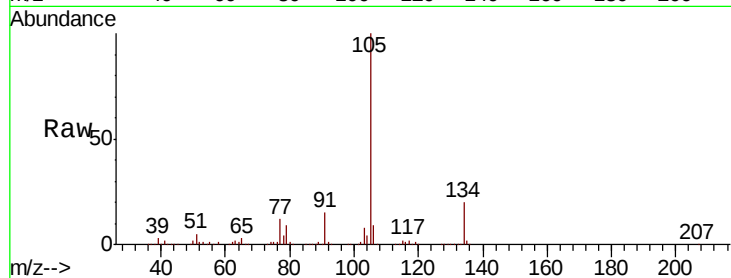
VN1210WBS03

Tot Ion:105 Resp: 890274

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

600000

500000

400000

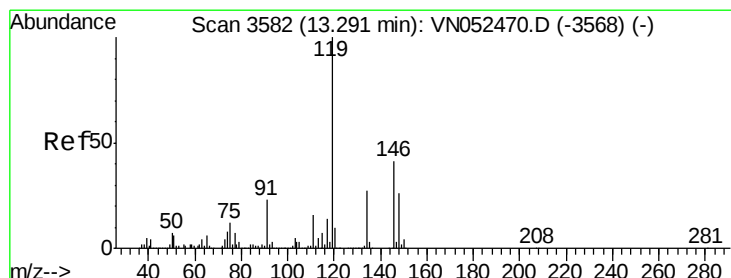
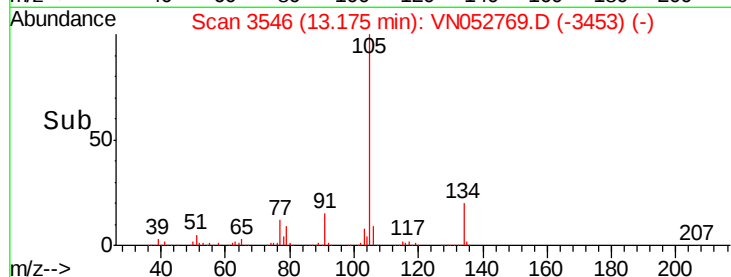
300000

200000

100000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 19.170 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

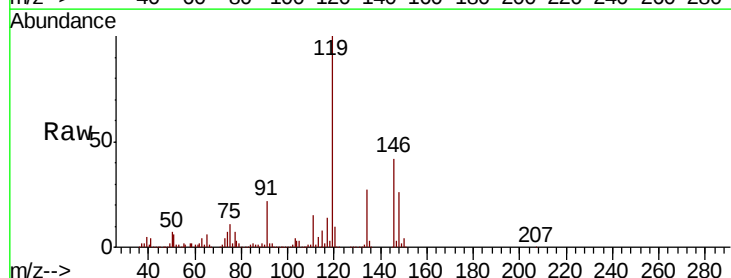
Tgt Ion:119 Resp: 760735

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

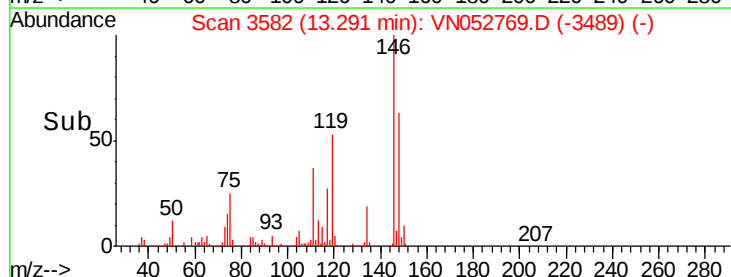
600000

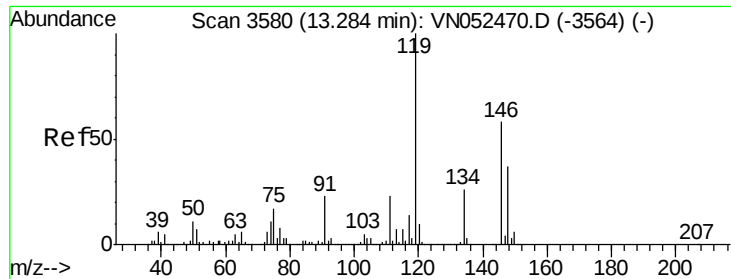
400000

200000

0

Time--> 13.20 13.25 13.30 13.35

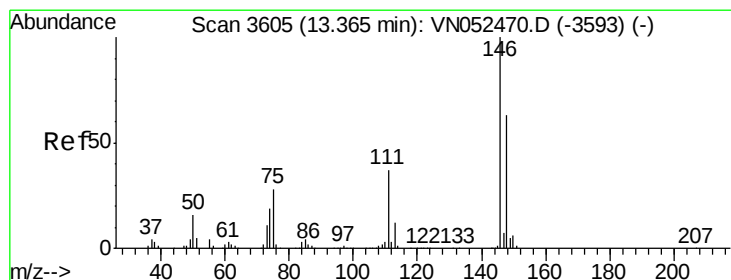
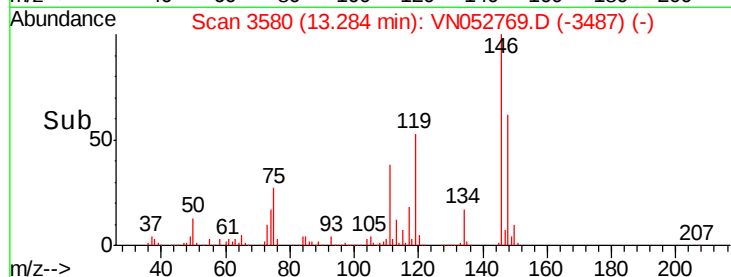
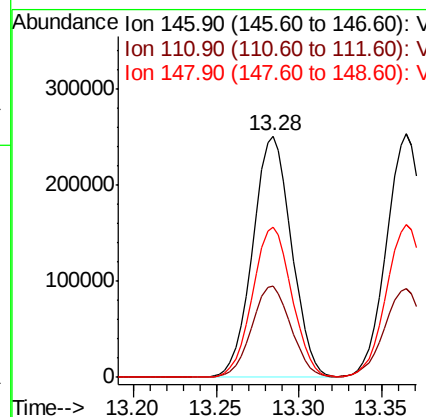
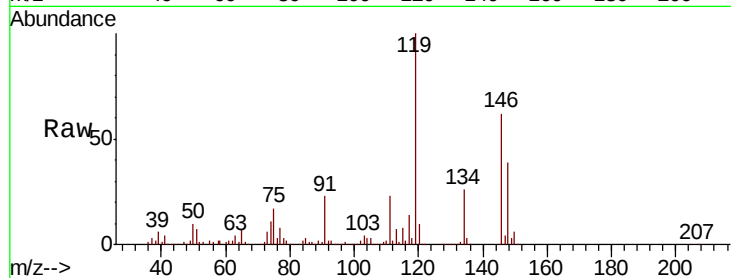




#87
 1,3-Dichlorobenzene
 Concen: 19.597 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

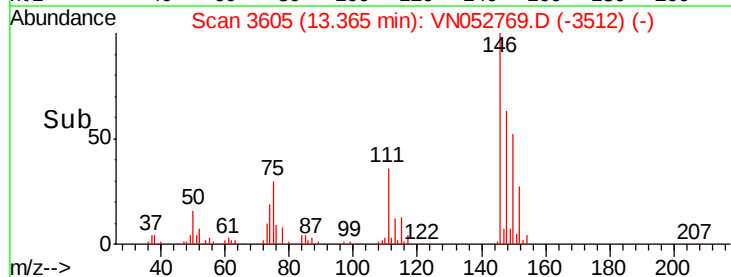
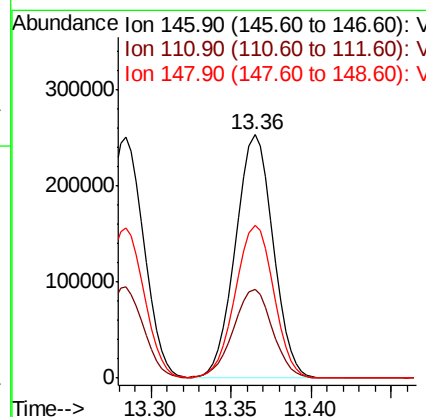
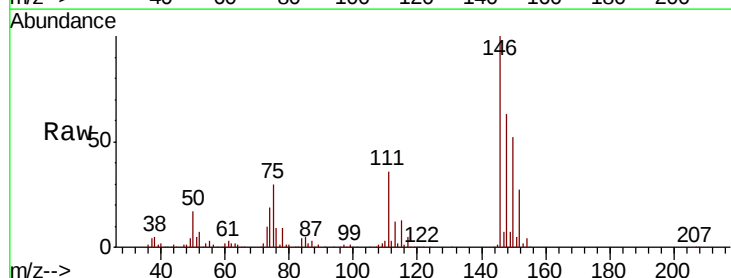
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

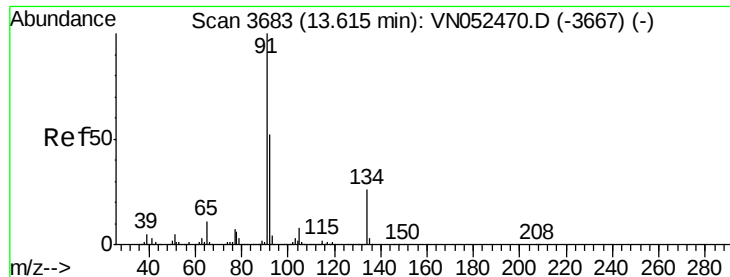
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.4
148	63.1	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.753 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	56.0
148	64.3	31.9	95.9





#89

n-Butylbenzene

Concen: 18.892 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS03

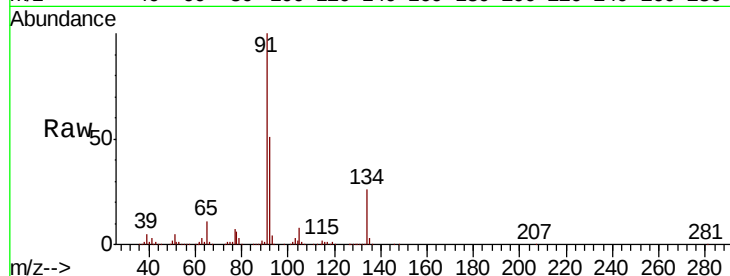
Tot Ion: 91 Resp: 623490

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

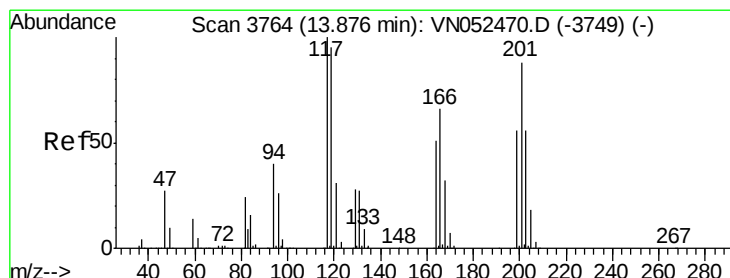
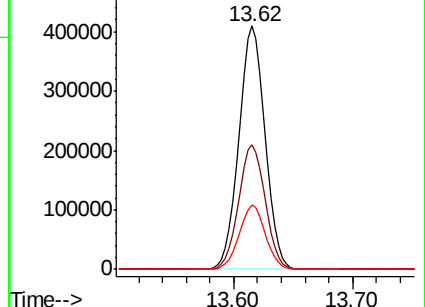
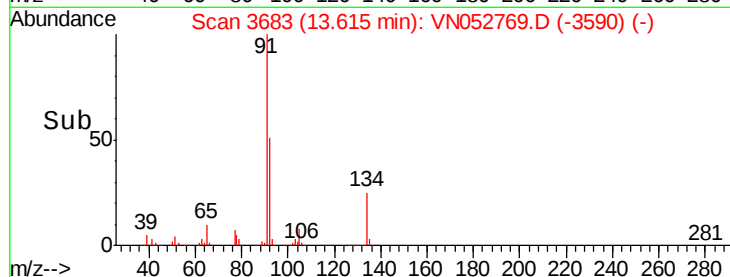
134 26.2 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)



#90

Hexachloroethane

Concen: 18.537 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052769.D

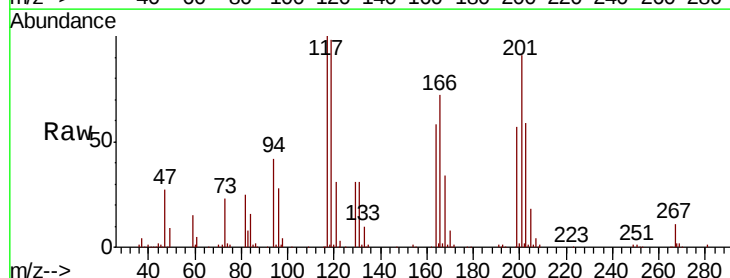
Acq: 10 Dec 2018 23:37

Tgt Ion: 117 Resp: 124554

Ion Ratio Lower Upper

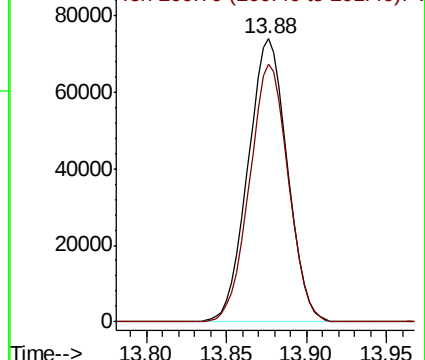
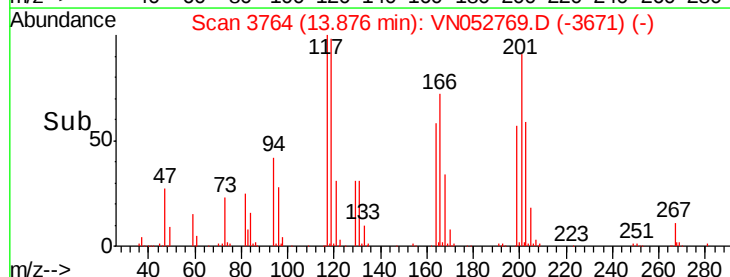
117 100

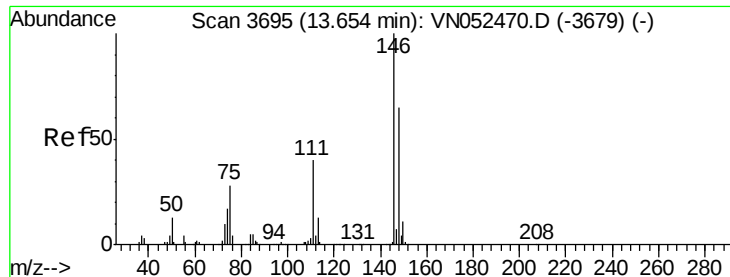
201 89.9 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 20.256 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

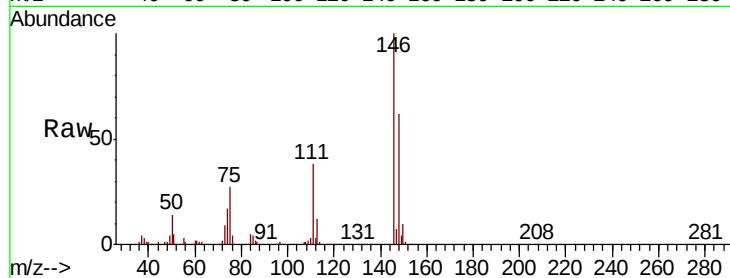
Tot Ion:146 Resp: 402557

Ion Ratio Lower Upper

146 100

111 39.1 20.0 60.0

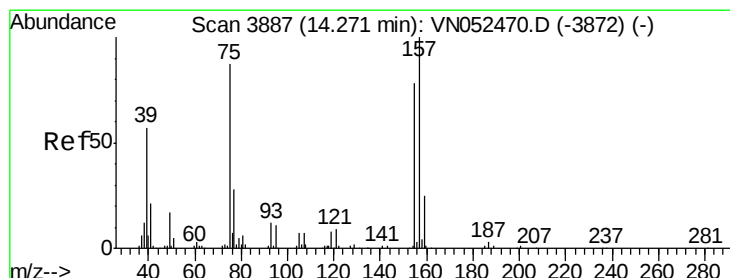
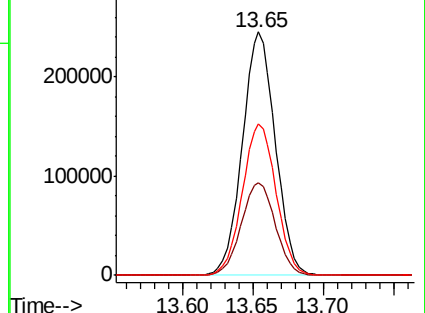
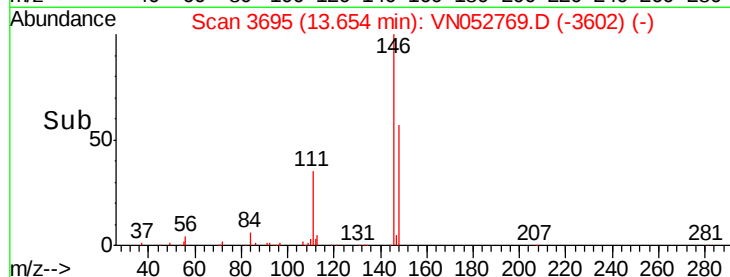
148 63.4 32.0 96.2



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: 20.635 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

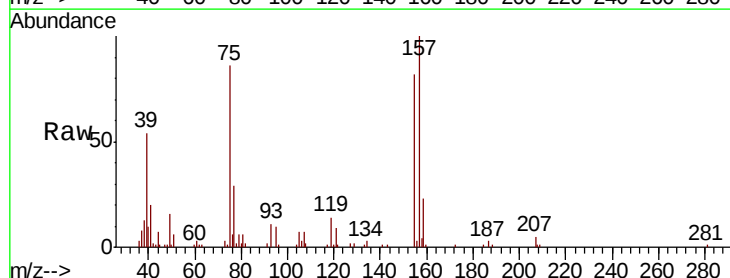
Tgt Ion: 75 Resp: 32300

Ion Ratio Lower Upper

75 100

155 95.5 45.3 135.9

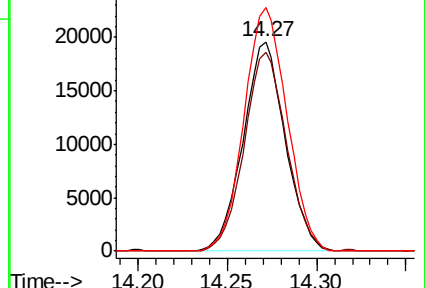
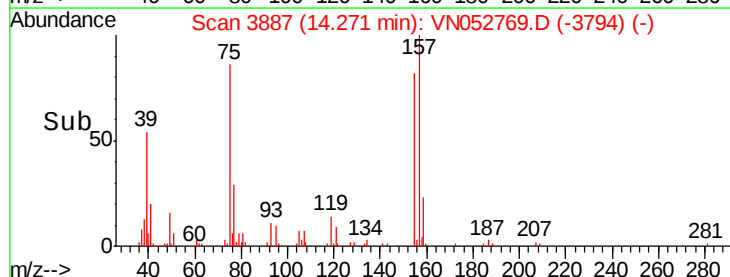
157 118.8 58.1 174.2



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

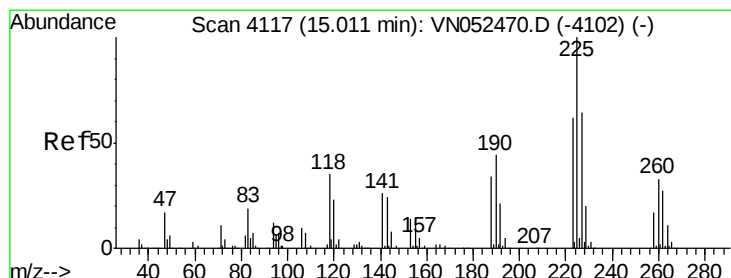
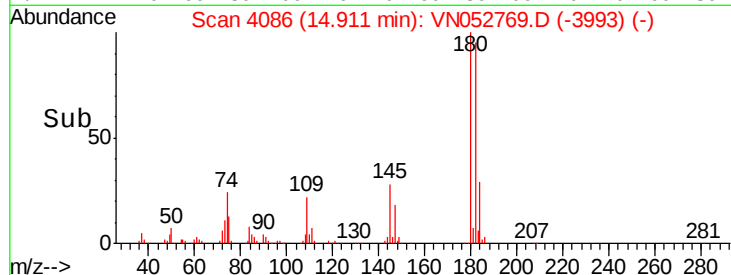
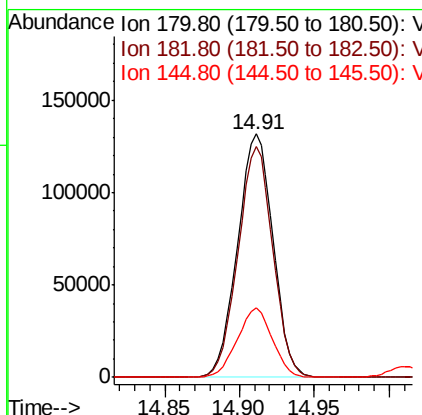
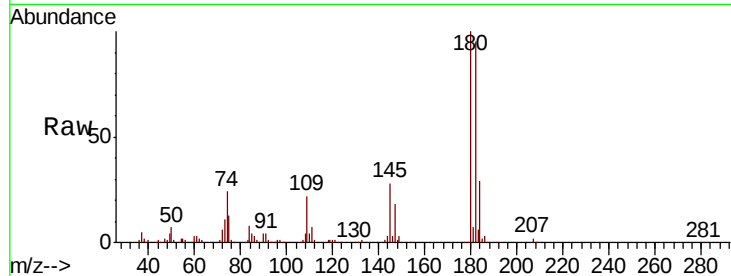




#93
 1,2,4-Trichlorobenzene
 Concen: 21.648 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

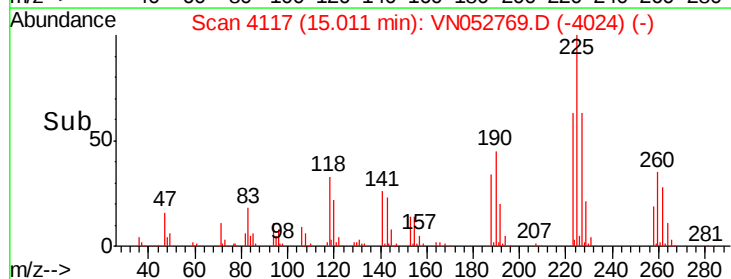
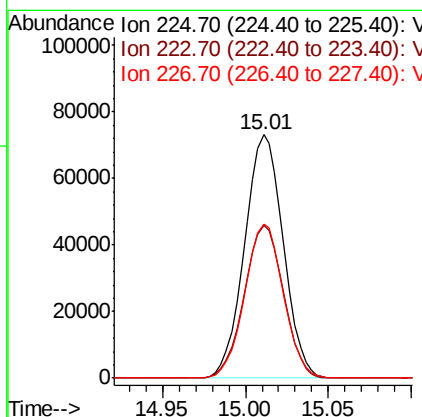
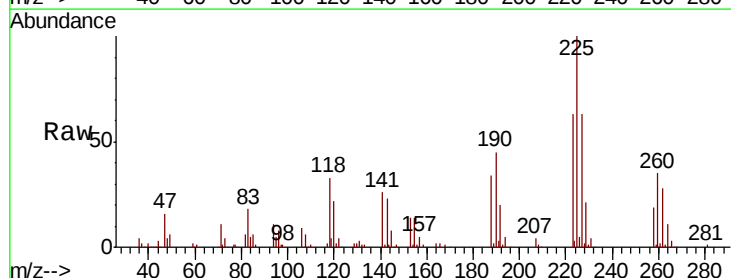
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS03

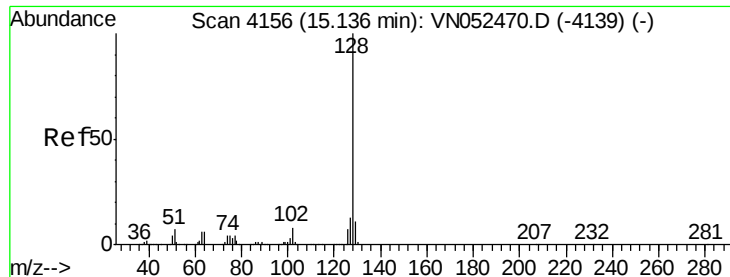
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.4
145	28.1	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 18.588 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052769.D
 Acq: 10 Dec 2018 23:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.2
227	63.2	32.5	97.4





#95

Naphthalene

Concen: 21.963 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS03

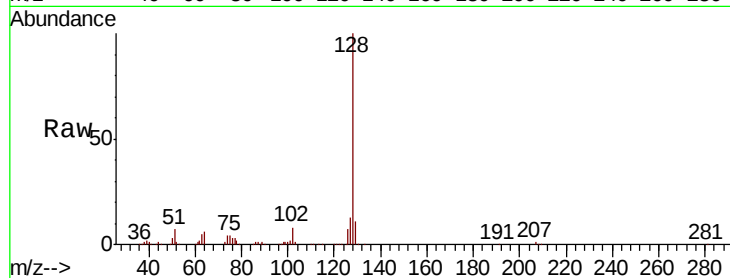
Tot Ion:128 Resp: 459424

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

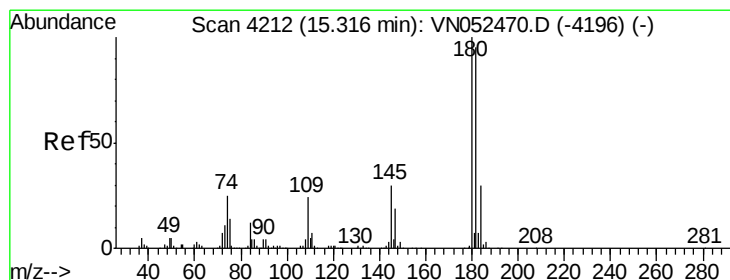
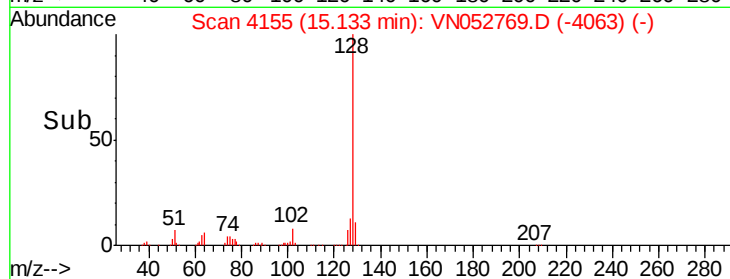
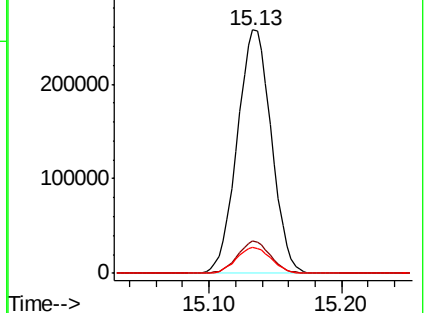
129 10.9 8.7 13.1



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: 21.653 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052769.D

Acq: 10 Dec 2018 23:37

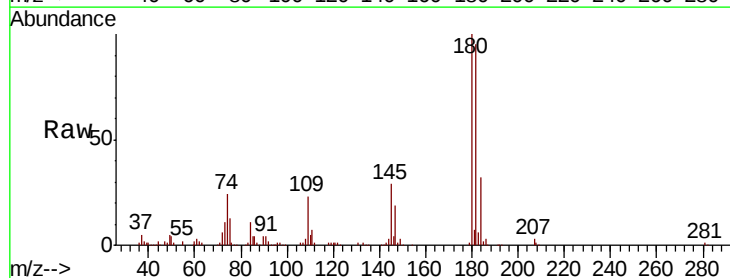
Tgt Ion:180 Resp: 200374

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.3

145 30.2 15.2 45.5



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

