

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050600.D
 Acq On : 14 Aug 2018 14:22
 Operator : MD\SY
 Sample : VN0814WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

Quant Time: Aug 15 08:58:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	775712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387079	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405760	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
35) Dibromofluoromethane	7.59	113	375622	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
50) Toluene-d8	10.09	98	1396837	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.40	95	441566	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	141142	21.122	ug/l	98
3) Chloromethane	2.06	50	181387	21.996	ug/l	99
4) Vinyl Chloride	2.18	62	187328	21.103	ug/l	99
5) Bromomethane	2.56	94	100297	19.759	ug/l	99
6) Chloroethane	2.70	64	114794	22.396	ug/l	96
7) Trichlorofluoromethane	3.01	101	246055	21.125	ug/l	100
8) Diethyl Ether	3.41	74	84427	21.791	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	151578	21.520	ug/l	100
10) Methyl Iodide	3.95	142	98377	23.866	ug/l	99
11) Tert butyl alcohol	4.80	59	48385	118.603	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	136349	21.201	ug/l	99
13) Acrolein	3.61	56	17933	109.747	ug/l	99
14) Allyl chloride	4.33	41	215393	21.531	ug/l	100
15) Acrylonitrile	4.99	53	248347	110.840	ug/l	99
16) Acetone	3.82	43	220155	117.244	ug/l	99
17) Carbon Disulfide	4.05	76	428734	21.184	ug/l	98
18) Methyl Acetate	4.33	43	120774	22.468	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	366645	22.399	ug/l	98
20) Methylene Chloride	4.55	84	162000	22.103	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	151363	21.709	ug/l	98
22) Diisopropyl ether	5.96	45	472623	23.043	ug/l	95
23) Vinyl Acetate	5.90	43	1543147	115.011	ug/l	99
24) 1,1-Dichloroethane	5.85	63	283119	21.333	ug/l	98
25) 2-Butanone	6.84	43	347164	113.329	ug/l	100
26) 2,2-Dichloropropane	6.83	77	214813	24.181	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	167889	21.624	ug/l	98
28) Bromochloromethane	7.20	49	137305	22.733	ug/l	100
29) Tetrahydrofuran	7.22	42	188651	117.945	ug/l	100
30) Chloroform	7.37	83	287799	21.399	ug/l	98
31) Cyclohexane	7.66	56	248400	21.737	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	242644	21.434	ug/l	99
36) 1,1-Dichloropropene	7.80	75	210260	21.892	ug/l	99
37) Ethyl Acetate	6.94	43	126247	23.254	ug/l	99
38) Carbon Tetrachloride	7.77	117	215358	21.615	ug/l	100

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 Data File : VN050600.D
 Acq On : 14 Aug 2018 14:22
 Operator : MD\SY
 Sample : VN0814WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

Quant Time: Aug 15 08:58:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	224715	22.599	ug/l	99
40) Benzene	8.04	78	659193	22.561	ug/l	100
41) Methacrylonitrile	7.17	41	66082	22.515	ug/l	96
42) 1,2-Dichloroethane	8.13	62	200116	22.346	ug/l	99
43) Isopropyl Acetate	8.17	43	219588	22.194	ug/l #	86
44) Trichloroethene	8.84	130	169181	21.616	ug/l	99
45) 1,2-Dichloropropane	9.12	63	171531	22.051	ug/l	100
46) Dibromomethane	9.21	93	102131	22.236	ug/l	97
47) Bromodichloromethane	9.40	83	213518	21.749	ug/l	98
48) Methyl methacrylate	9.20	41	110128	22.121	ug/l	100
49) 1,4-Dioxane	9.20	88	30507	465.155	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	800367	119.613	ug/l	99
52) Toluene	10.16	92	398891	22.865	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	201233	22.007	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	240674	22.943	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	144639	22.193	ug/l	98
56) Ethyl methacrylate	10.43	69	170291	21.607	ug/l	100
57) 1,3-Dichloropropane	10.71	76	239928	22.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	394852	105.434	ug/l	100
59) 2-Hexanone	10.75	43	511013	118.325	ug/l	99
60) Dibromochloromethane	10.90	129	158528	22.040	ug/l	99
61) 1,2-Dibromoethane	11.01	107	139296	22.443	ug/l	99
64) Tetrachloroethene	10.63	164	157767	21.900	ug/l	99
65) Chlorobenzene	11.43	112	422278	21.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	159310	22.014	ug/l	99
67) Ethyl Benzene	11.51	91	696615	22.347	ug/l	100
68) m/p-Xylenes	11.62	106	547387	45.913	ug/l	100
69) o-Xylene	11.95	106	258847	22.770	ug/l	100
70) Styrene	11.97	104	418489	21.250	ug/l	100
71) Bromoform	12.13	173	108241	22.556	ug/l #	99
73) Isopropylbenzene	12.25	105	678503	22.435	ug/l	99
74) N-amyl acetate	12.07	43	174692	22.202	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	176101	23.866	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	146002m	22.787	ug/l	
77) Bromobenzene	12.53	156	177780	21.652	ug/l	100
78) n-propylbenzene	12.59	91	766481	22.728	ug/l	99
79) 2-Chlorotoluene	12.67	91	470243	22.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	561711	23.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39635	22.765	ug/l	96
82) 4-Chlorotoluene	12.77	91	466908	22.472	ug/l	99
83) tert-Butylbenzene	12.99	119	476367	22.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	571459	23.513	ug/l	99
85) sec-Butylbenzene	13.17	105	624638	22.741	ug/l	100
86) p-Isopropyltoluene	13.29	119	529999	22.771	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	304359	21.774	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292865	21.110	ug/l	100
89) n-Butylbenzene	13.62	91	405502	21.576	ug/l	98
90) Hexachloroethane	13.88	117	97310	20.792	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	294112	21.567	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24404	22.616	ug/l	99

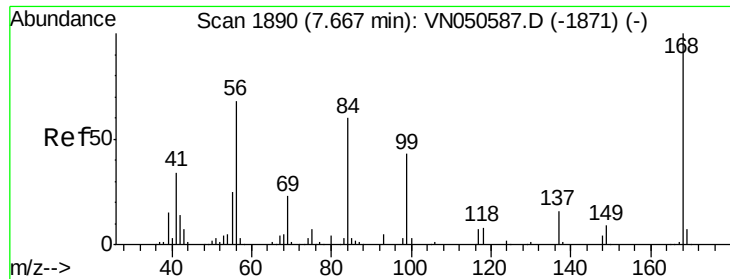
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
Data File : VN050600.D
Acq On : 14 Aug 2018 14:22
Operator : MD\SY
Sample : VN0814WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Quant Time: Aug 15 08:58:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	126195	19.741	ug/l	99
94) Hexachlorobutadiene	15.01	225	88371	21.136	ug/l	99
95) Naphthalene	15.13	128	251570	19.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	125723	20.425	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

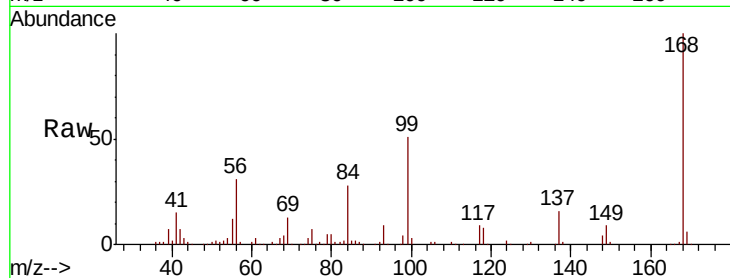
VN0814WBSD01

Tgt Ion:168 Resp: 592725

Ion Ratio Lower Upper

168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

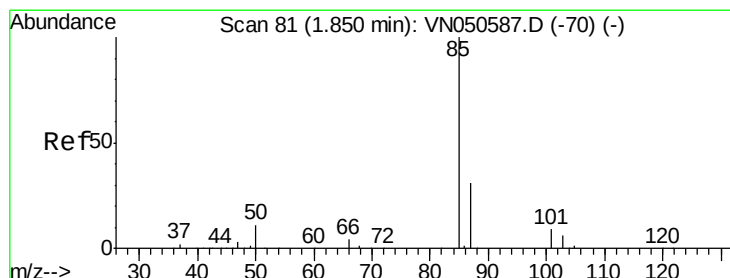
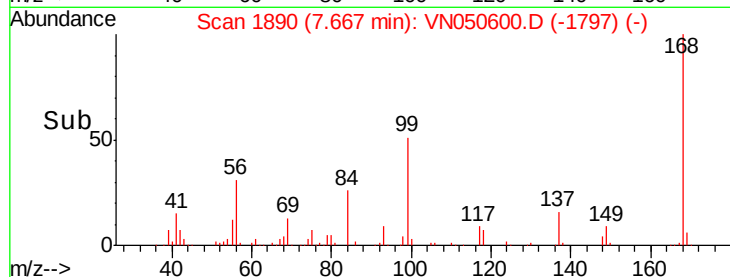
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.122 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050600.D

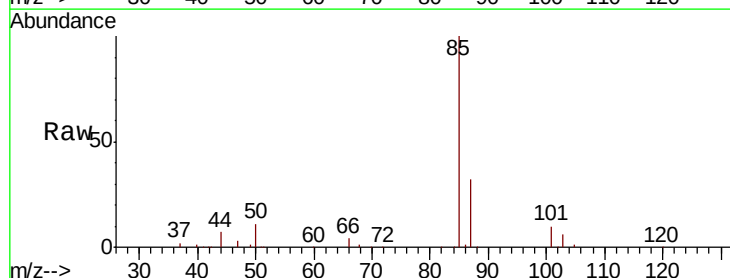
Acq: 14 Aug 2018 14:22

Tgt Ion: 85 Resp: 141142

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

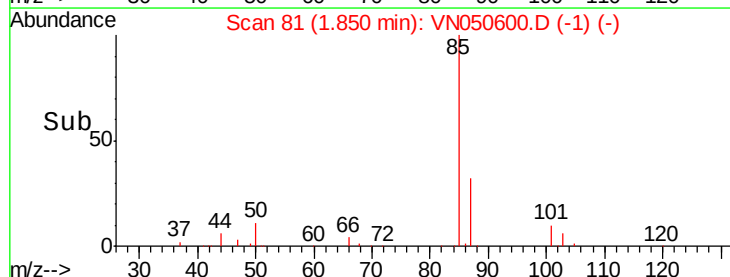
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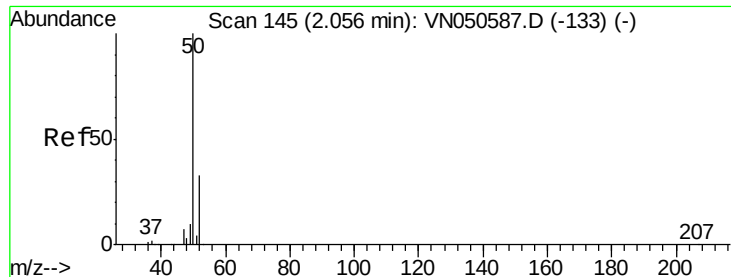
40000

20000

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Time-->





#3

Chloromethane

Concen: 21.996 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

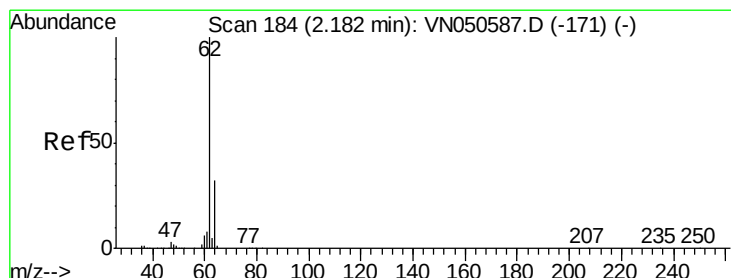
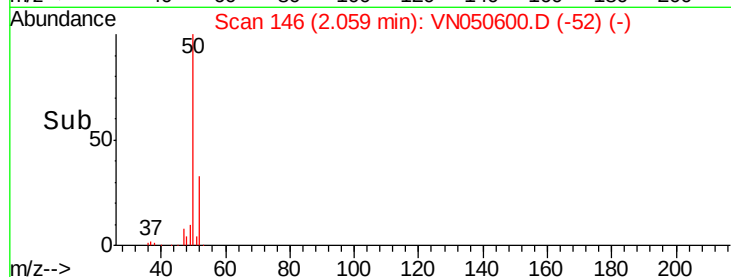
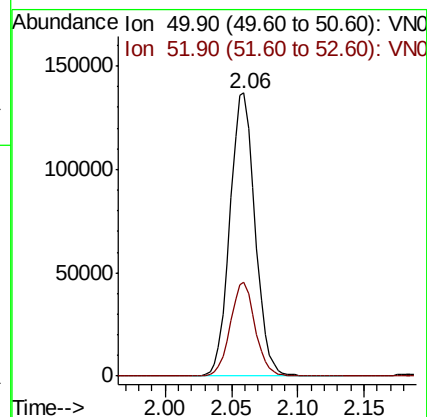
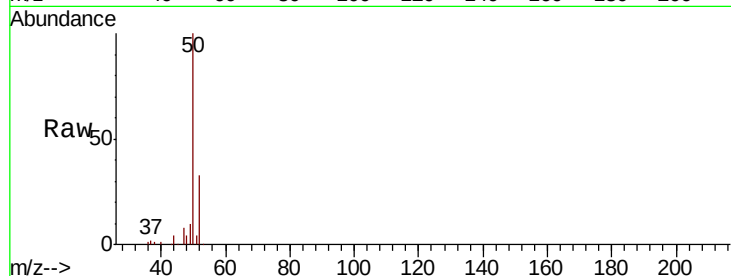
VN0814WBSD01

Tgt Ion: 50 Resp: 181387

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 21.103 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050600.D

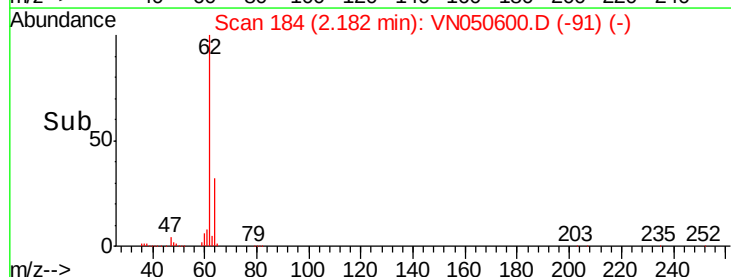
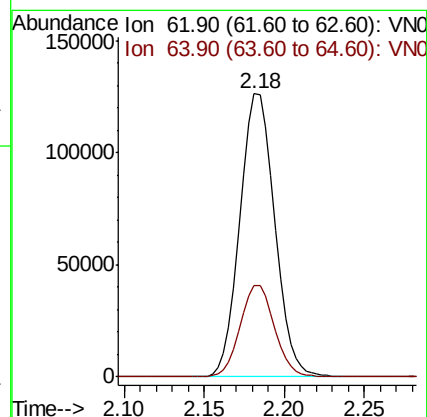
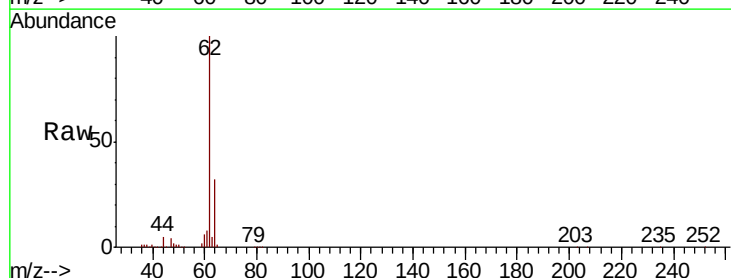
Acq: 14 Aug 2018 14:22

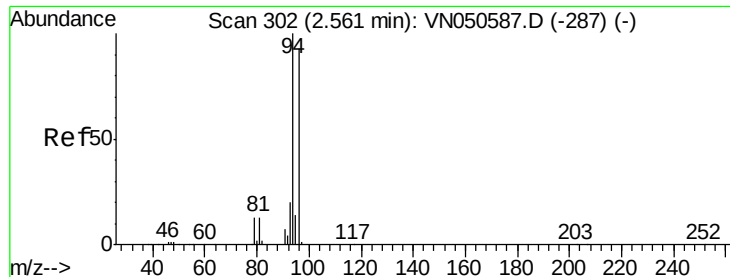
Tgt Ion: 62 Resp: 187328

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 19.759 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

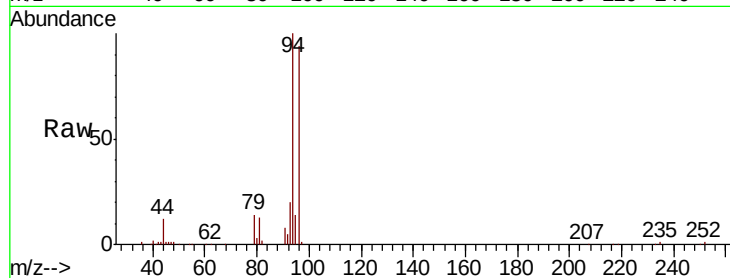
VN0814WBSD01

Tgt Ion: 94 Resp: 100297

Ion Ratio Lower Upper

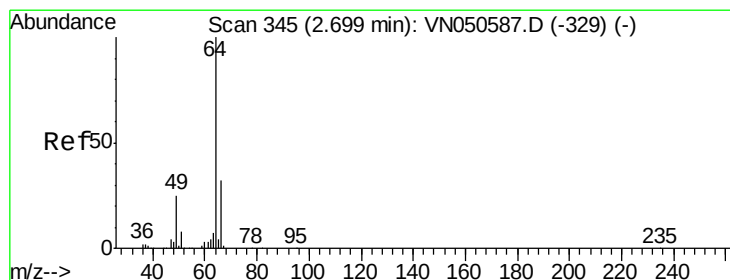
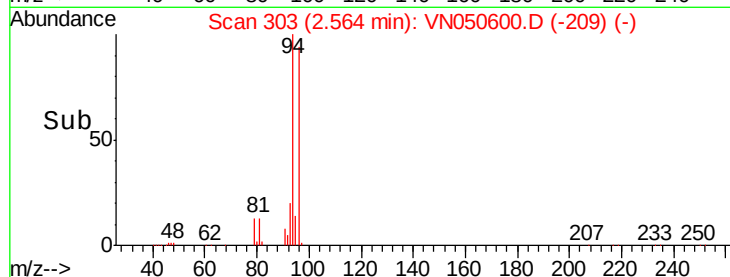
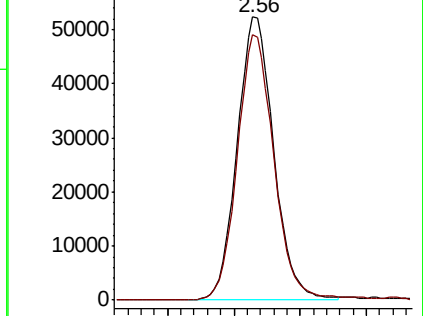
94 100

96 93.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 22.396 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050600.D

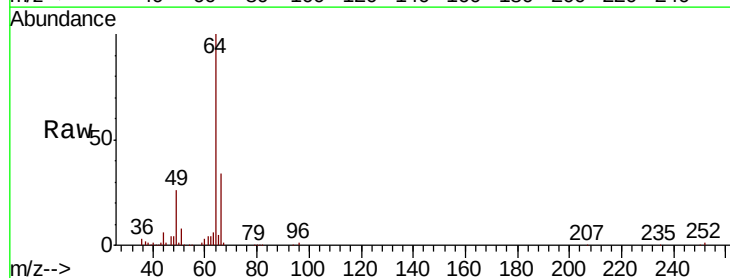
Acq: 14 Aug 2018 14:22

Tgt Ion: 64 Resp: 114794

Ion Ratio Lower Upper

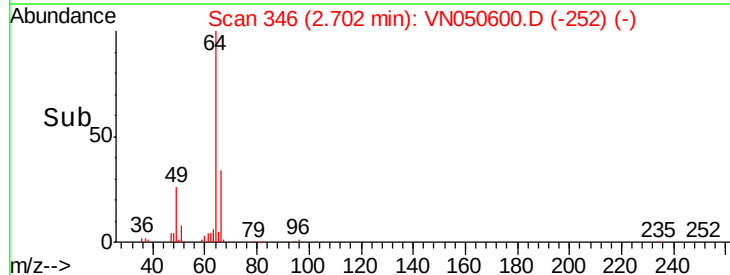
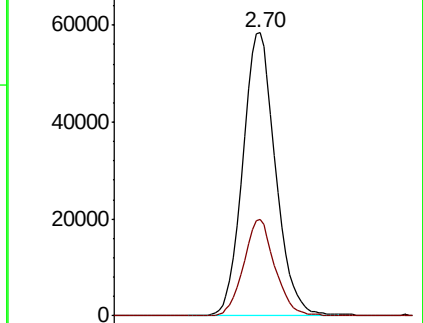
64 100

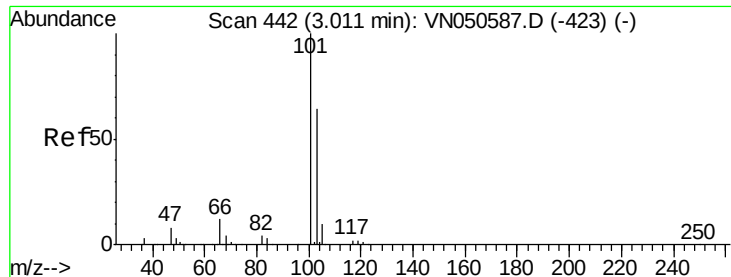
66 34.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



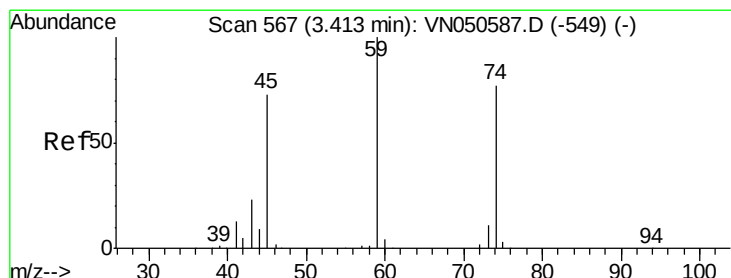
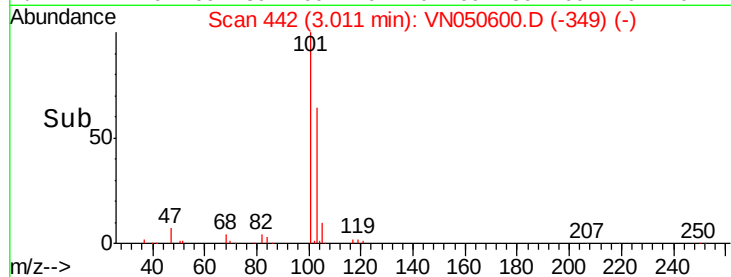
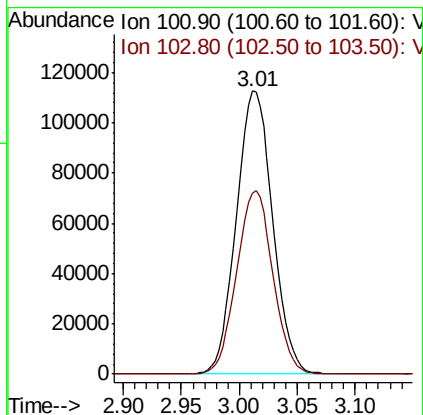
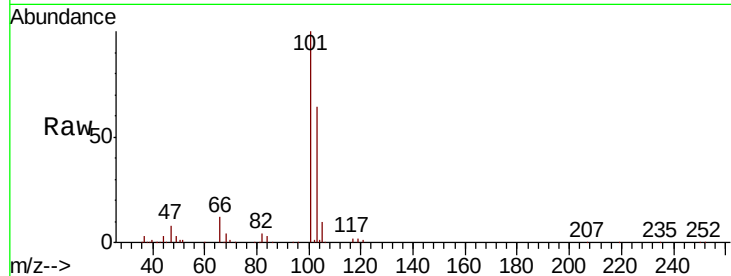


#7

Trichlorofluoromethane
 Concen: 21.125 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

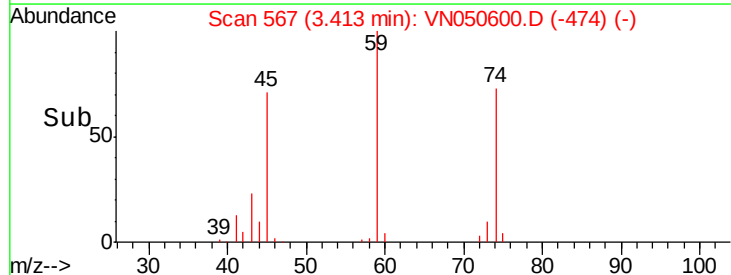
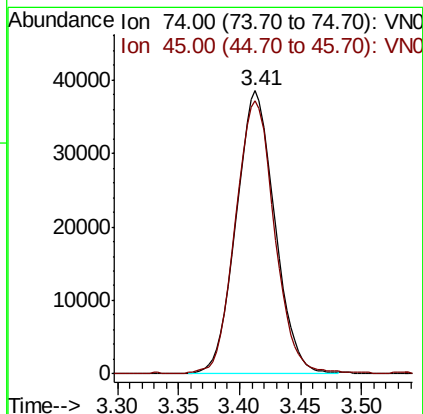
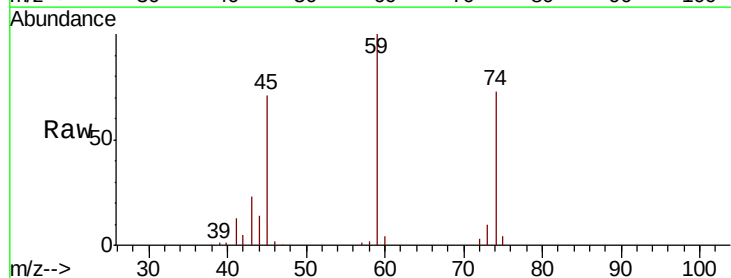
Tgt Ion:101 Resp: 246055
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0

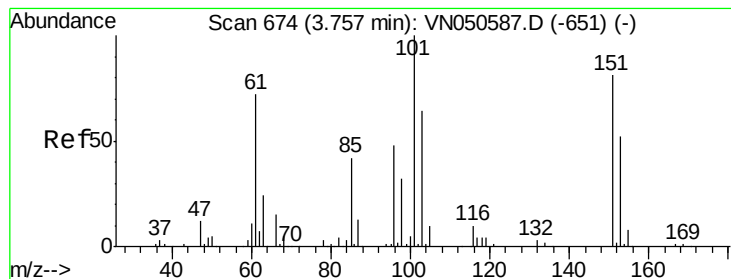


#8

Diethyl Ether
 Concen: 21.791 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion: 74 Resp: 84427
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.520 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

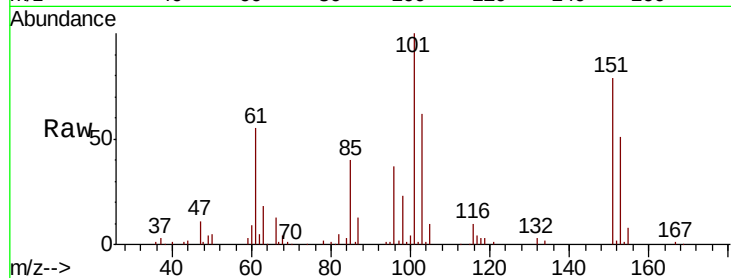
Tgt Ion:101 Resp: 151578

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.0

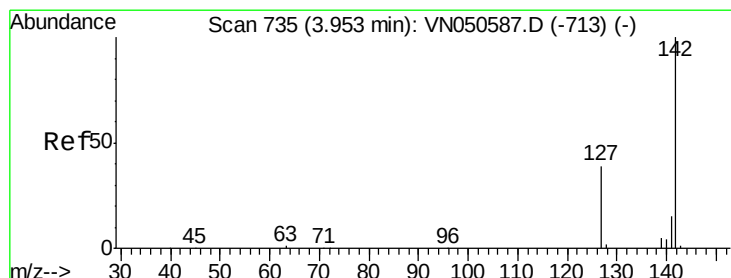
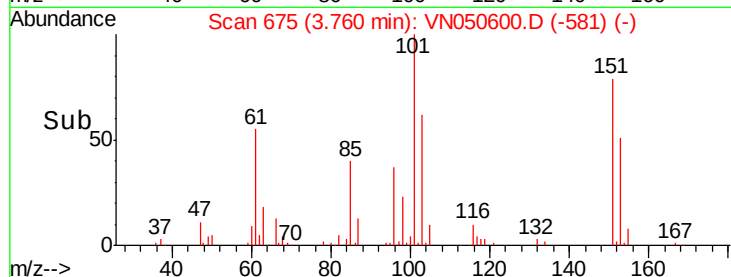
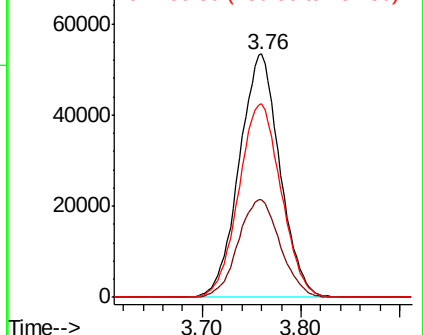
151 83.2 66.6 100.0



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: 23.866 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

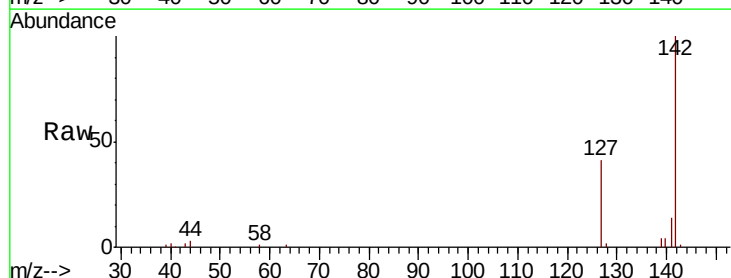
Tgt Ion:142 Resp: 98377

Ion Ratio Lower Upper

142 100

127 40.1 32.6 49.0

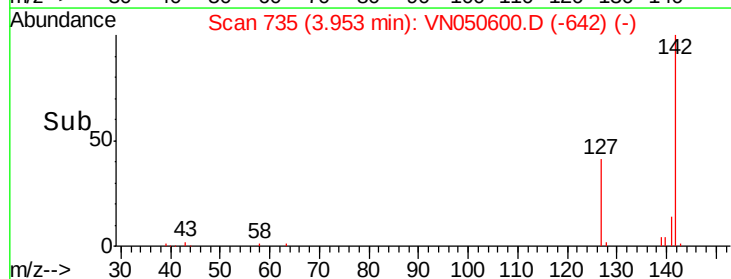
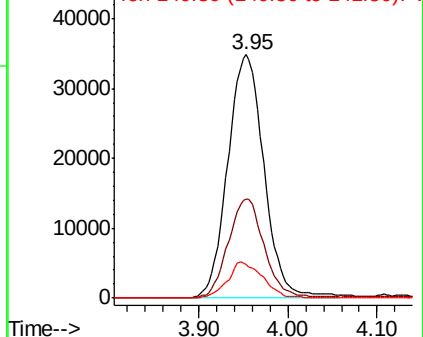
141 14.4 11.5 17.3

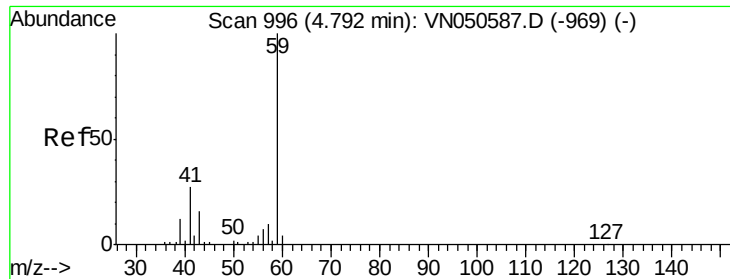


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

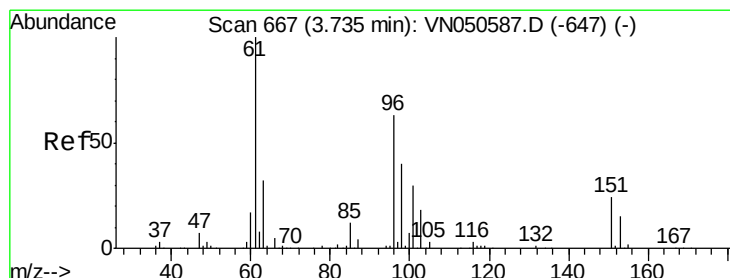
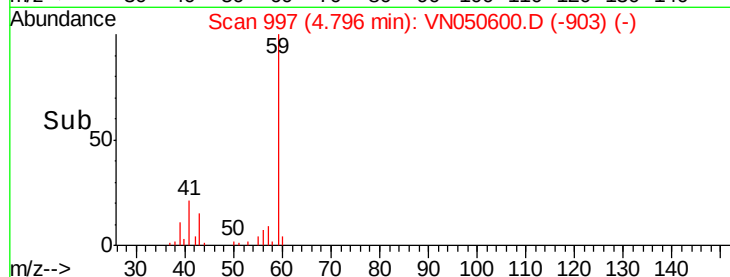
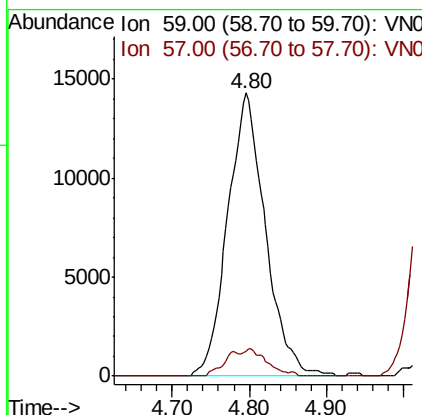
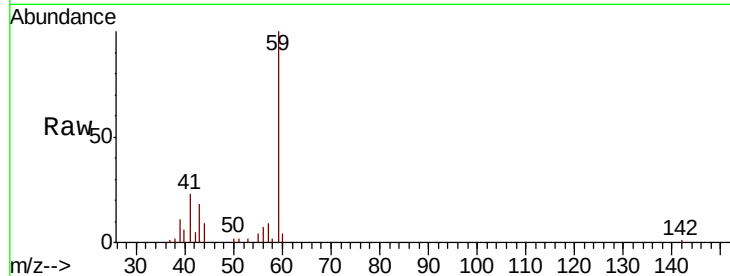




#11
Tert butyl alcohol
Concen: 118.603 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

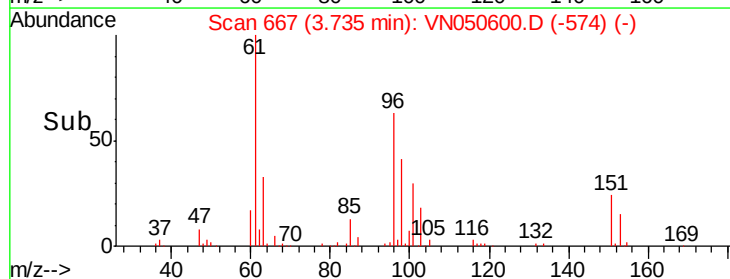
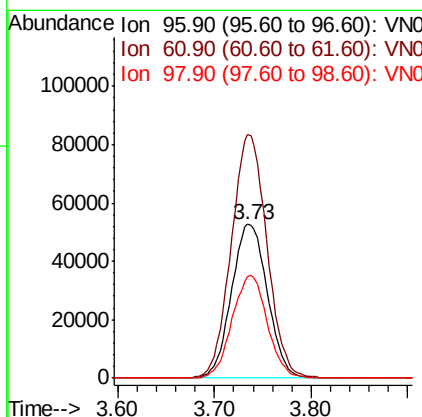
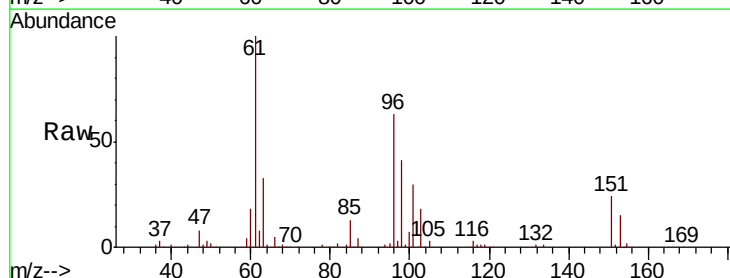
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

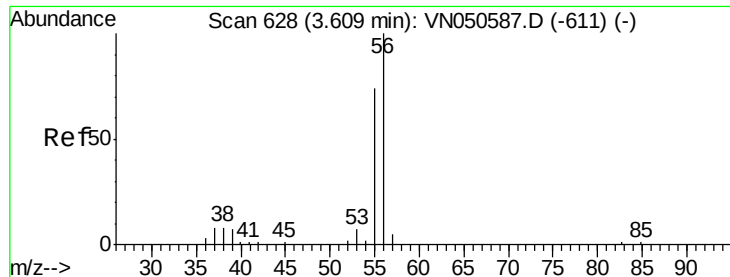
Tgt Ion: 59 Resp: 48385
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 21.201 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 96 Resp: 136349
Ion Ratio Lower Upper
96 100
61 158.2 126.9 190.3
98 65.6 51.1 76.7





#13

Acrolein

Concen: 109.747 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

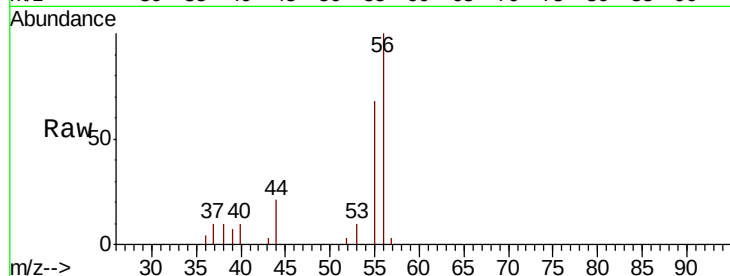
VN0814WBSD01

Tgt Ion: 56 Resp: 17933

Ion Ratio Lower Upper

56 100

55 69.5 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

8000

6000

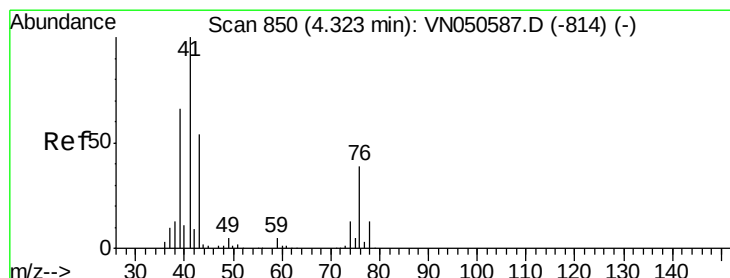
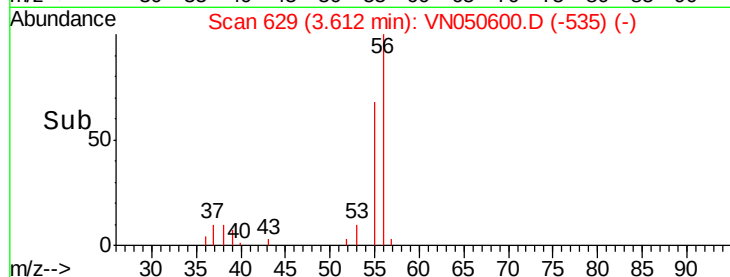
4000

2000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 21.531 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

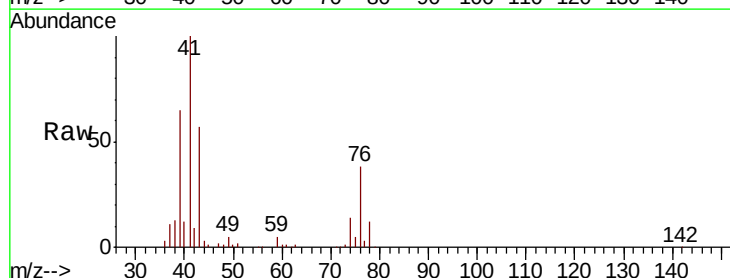
Tgt Ion: 41 Resp: 215393

Ion Ratio Lower Upper

41 100

39 63.7 51.4 77.0

76 36.7 29.4 44.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

80000

60000

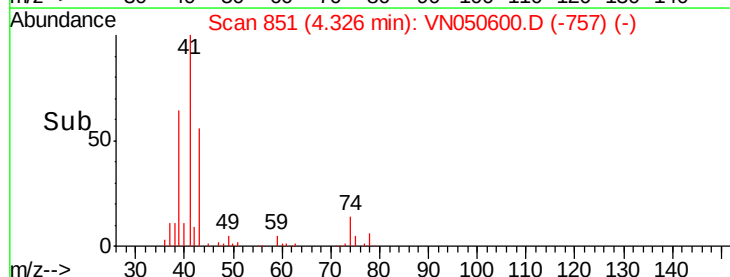
40000

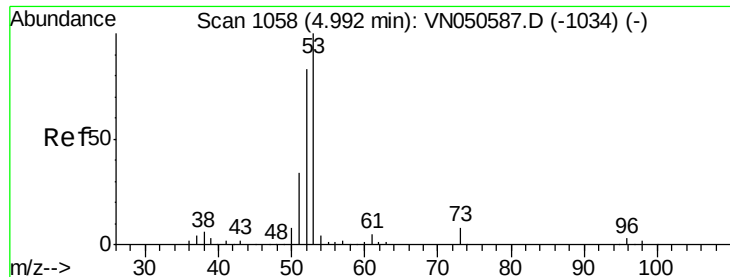
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 110.840 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

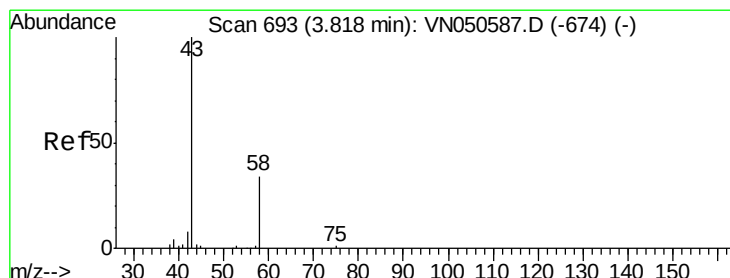
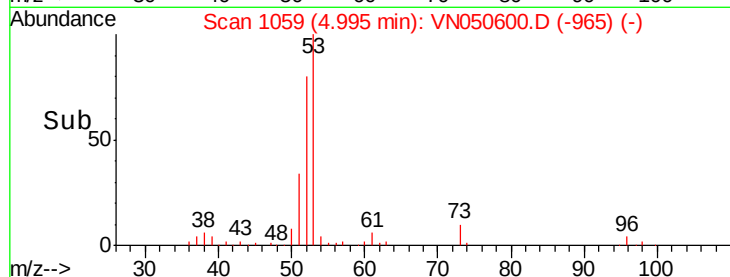
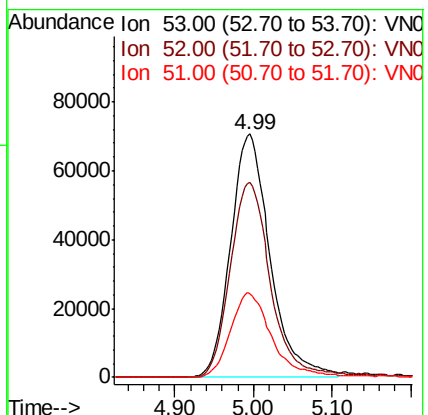
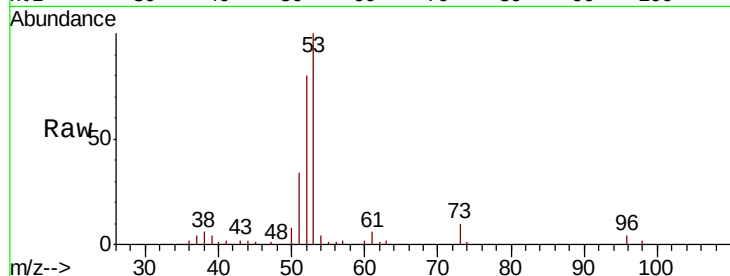
Tgt Ion: 53 Resp: 248347

Ion Ratio Lower Upper

53 100

52 81.3 66.2 99.2

51 36.0 28.6 43.0



#16

Acetone

Concen: 117.244 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050600.D

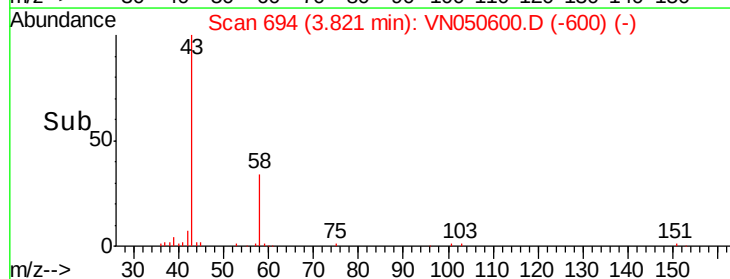
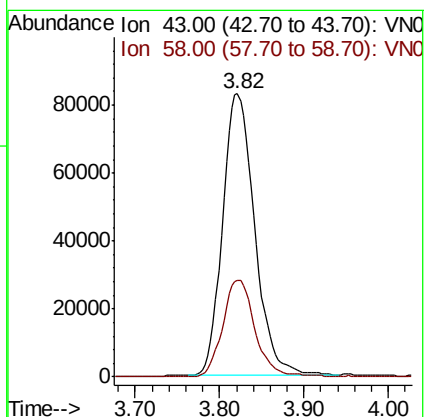
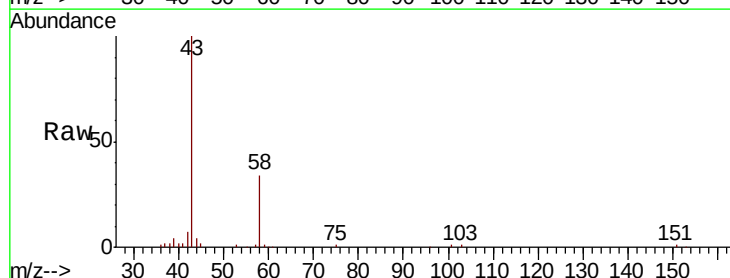
Acq: 14 Aug 2018 14:22

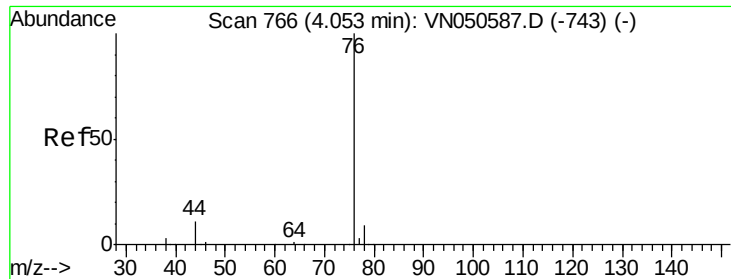
Tgt Ion: 43 Resp: 220155

Ion Ratio Lower Upper

43 100

58 34.3 27.1 40.7

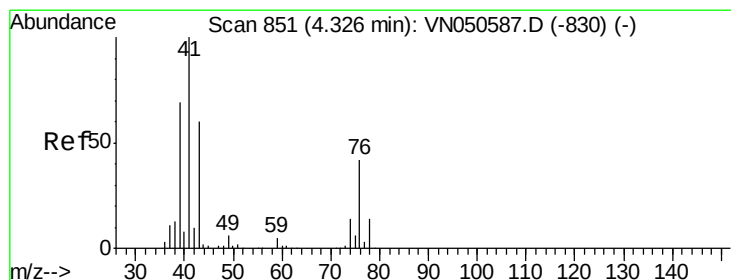
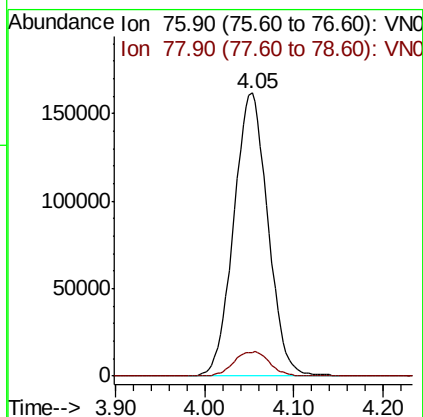
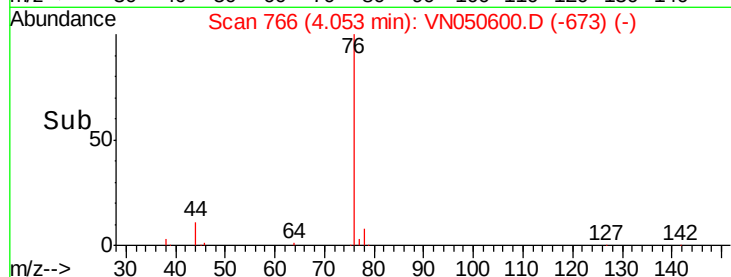
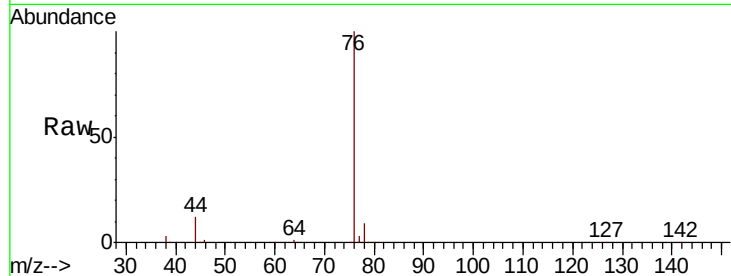




#17
Carbon Disulfide
Concen: 21.184 ug/l
RT: 4.05 min Scan# 766
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

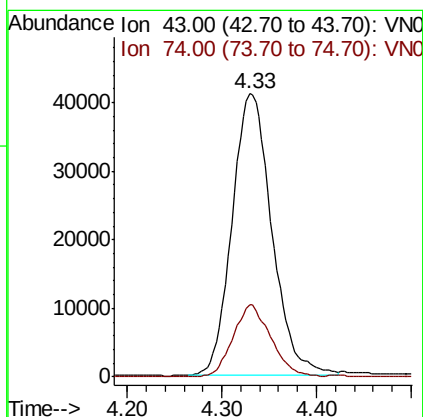
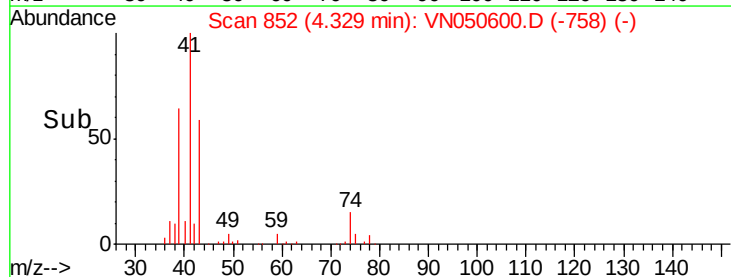
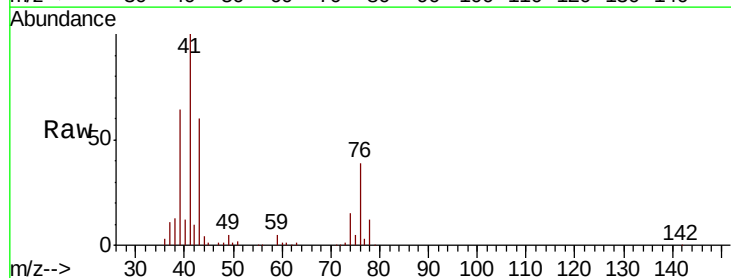
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

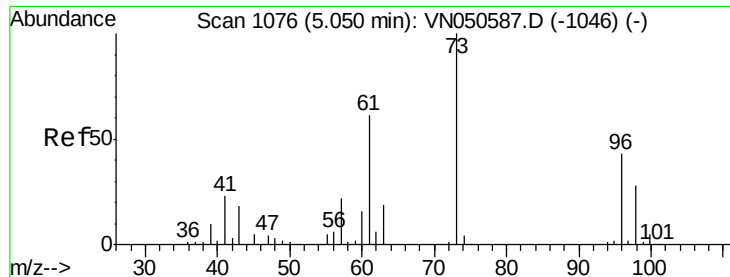
Tgt Ion: 76 Resp: 428734
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 22.468 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 43 Resp: 120774
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 22.399 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

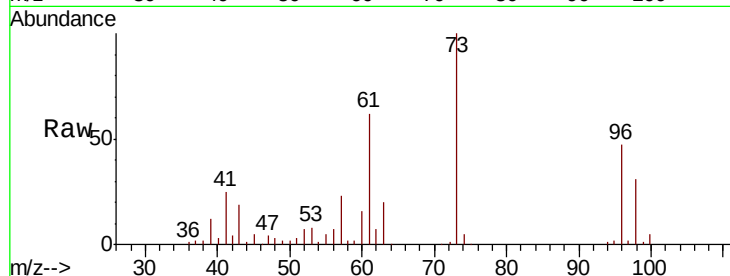
VN0814WBSD01

Tgt Ion: 73 Resp: 36645

Ion Ratio Lower Upper

73 100

57 23.5 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

100000

80000

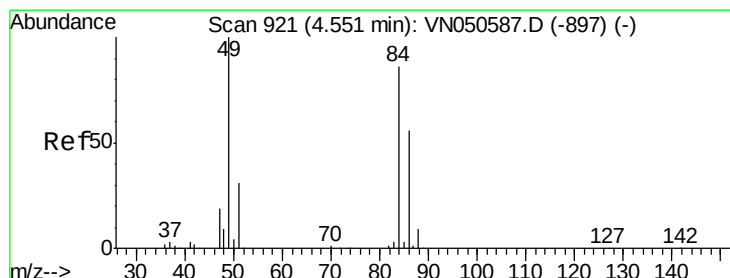
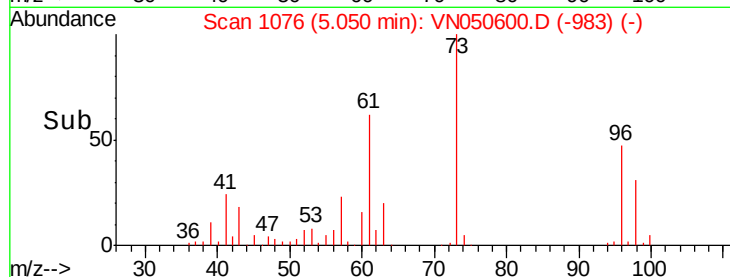
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 22.103 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Tgt Ion: 84 Resp: 162000

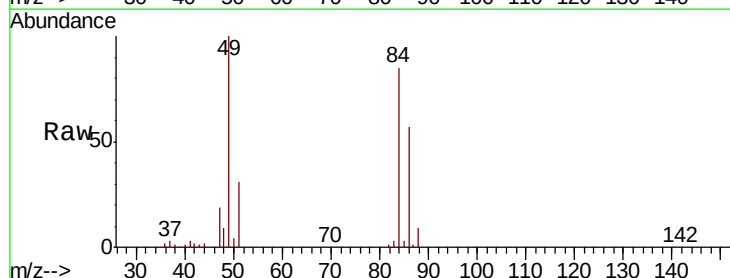
Ion Ratio Lower Upper

84 100

49 117.6 92.6 138.8

51 36.8 28.6 43.0

86 67.6 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

4.55

80000

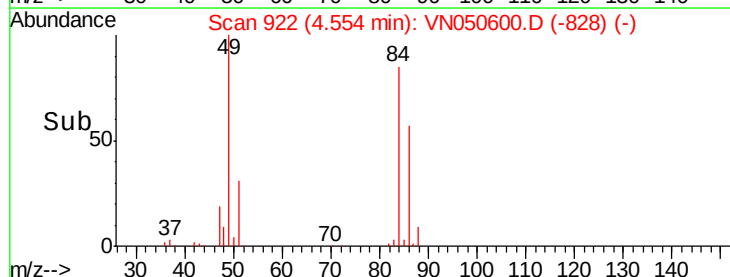
60000

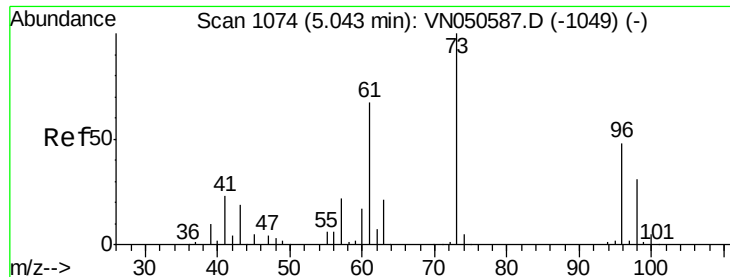
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 21.709 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

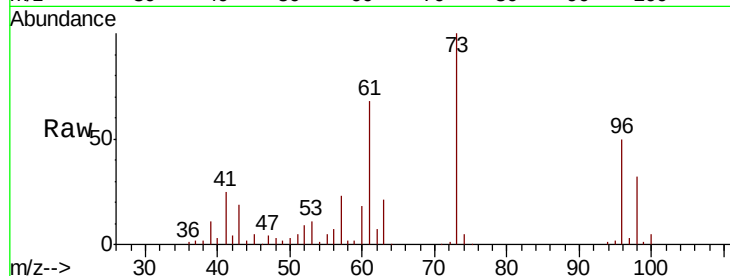
Tgt Ion: 96 Resp: 151363

Ion Ratio Lower Upper

96 100

61 135.6 111.2 166.8

98 64.3 51.6 77.4

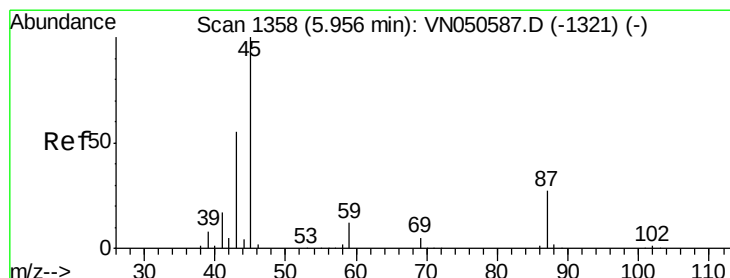
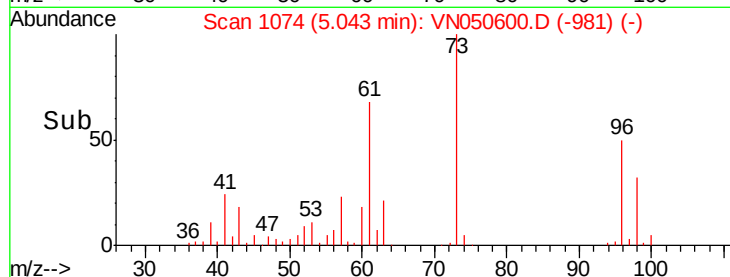
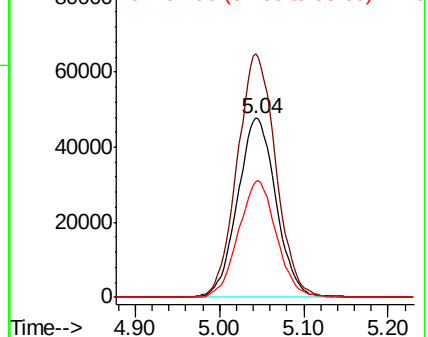


Abundance

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



#22

Diisopropyl ether

Concen: 23.043 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Tgt Ion: 45 Resp: 472623

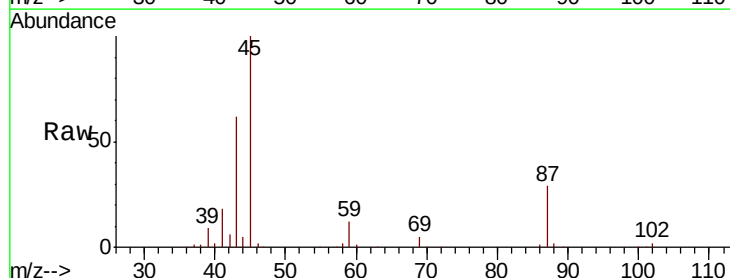
Ion Ratio Lower Upper

45 100

43 60.5 44.5 66.7

87 28.9 22.2 33.2

59 12.0 9.5 14.3



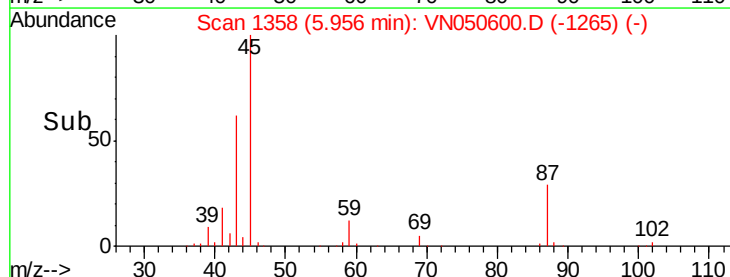
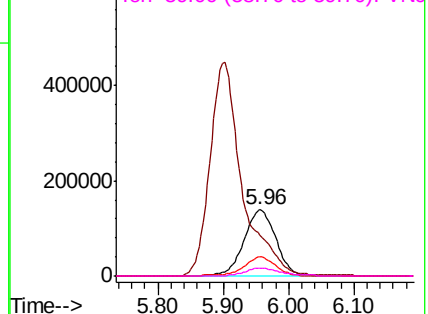
Abundance

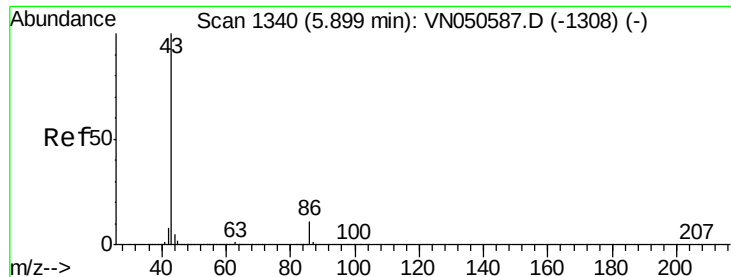
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 115.011 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

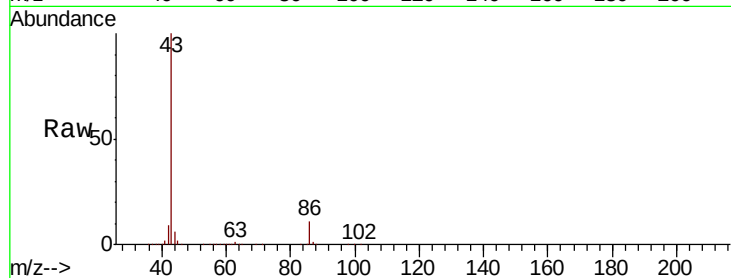
VN0814WBSD01

Tgt Ion: 43 Resp: 1543147

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-1308) (-)

Ion 86.00 (85.70 to 86.70): VN050587.D (-1308) (-)

5.90

400000

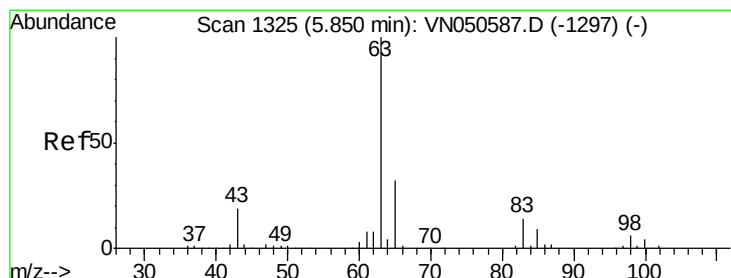
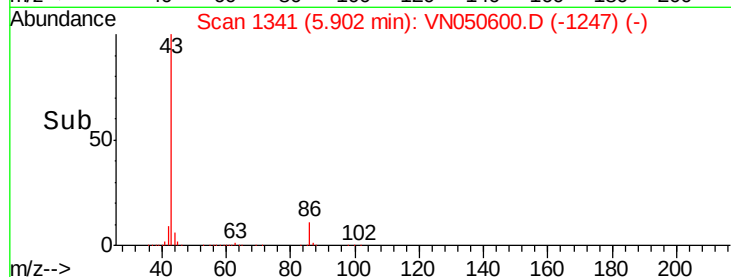
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.333 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

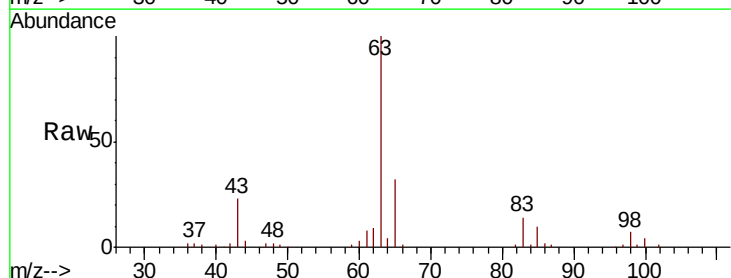
Tgt Ion: 63 Resp: 283119

Ion Ratio Lower Upper

63 100

98 7.3 3.2 9.6

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN050587.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN050587.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN050587.D (-1297) (-)

5.85

120000

100000

80000

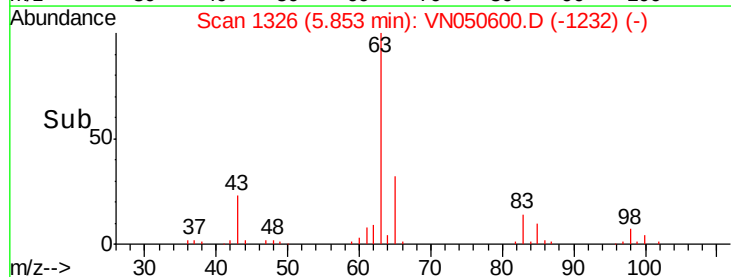
60000

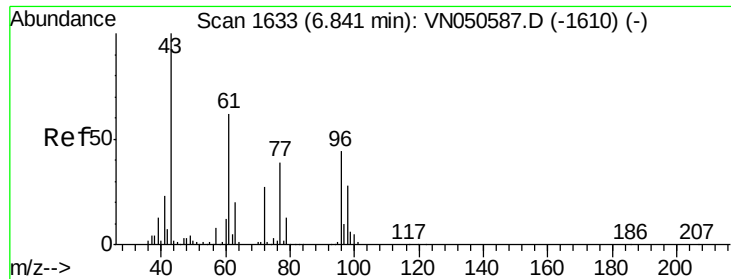
40000

20000

0

Time-->





#25

2-Butanone

Concen: 113.329 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

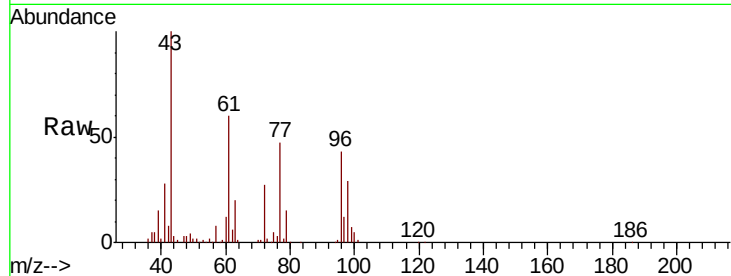
VN0814WBSD01

Tgt Ion: 43 Resp: 347164

Ion Ratio Lower Upper

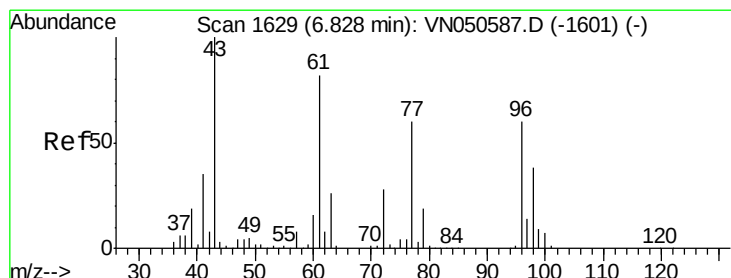
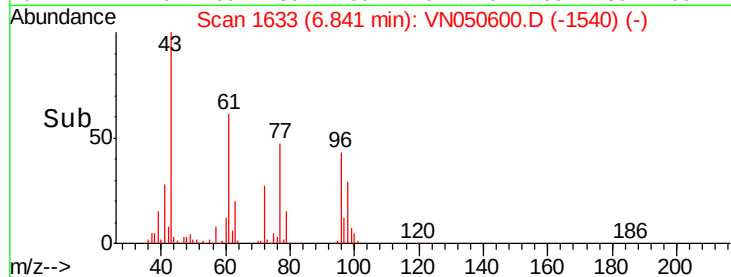
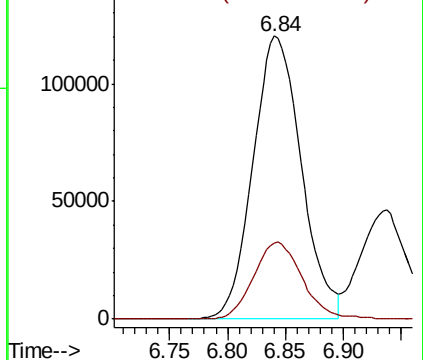
43 100

72 27.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 24.181 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050600.D

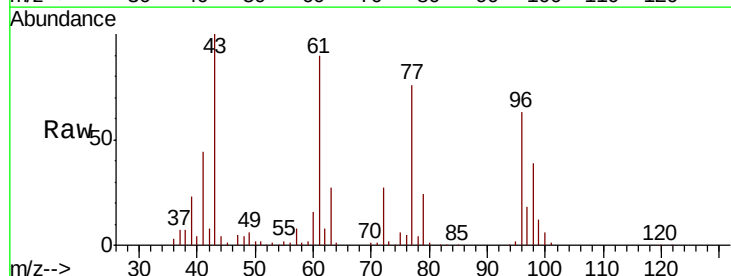
Acq: 14 Aug 2018 14:22

Tgt Ion: 77 Resp: 214813

Ion Ratio Lower Upper

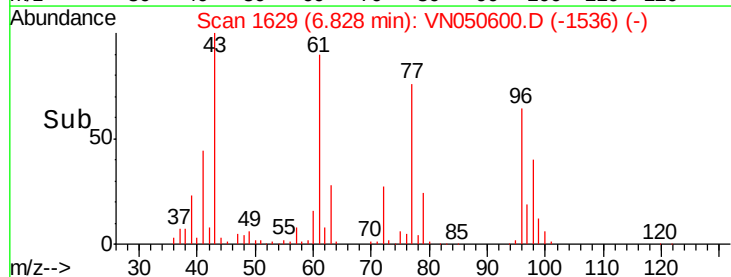
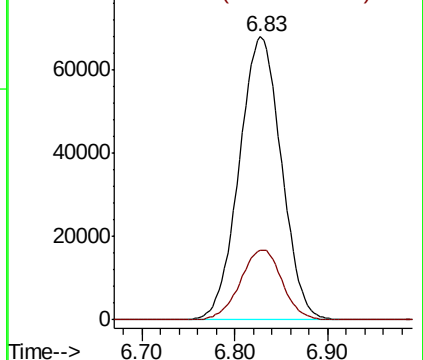
77 100

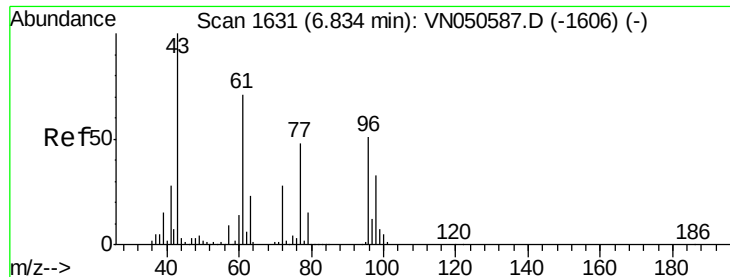
97 24.5 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.624 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

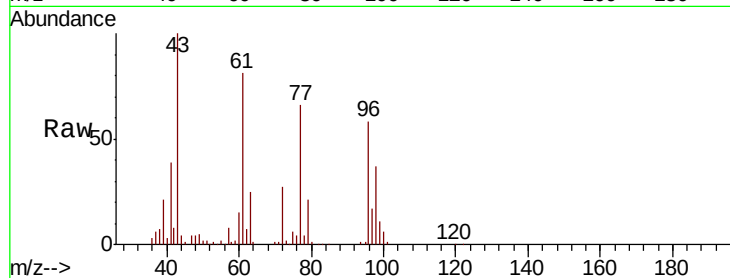
Tgt Ion: 96 Resp: 167889

Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.2

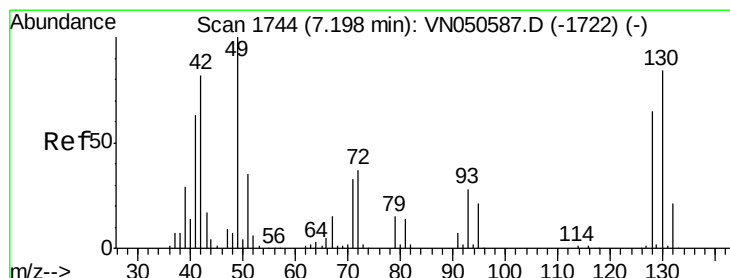
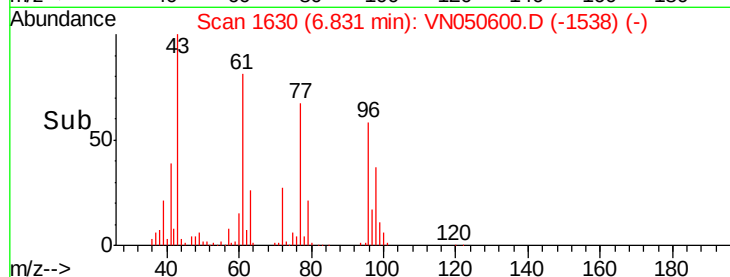
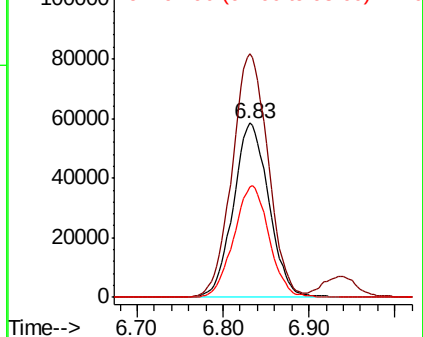
98 63.8 0.0 128.8



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: 22.733 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

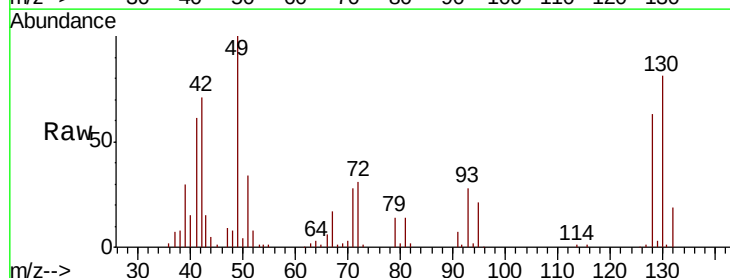
Tgt Ion: 49 Resp: 137305

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

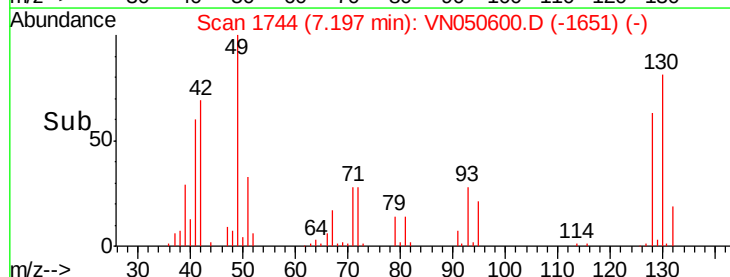
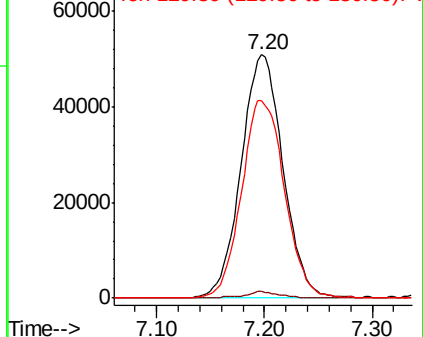
130 83.4 66.8 100.2

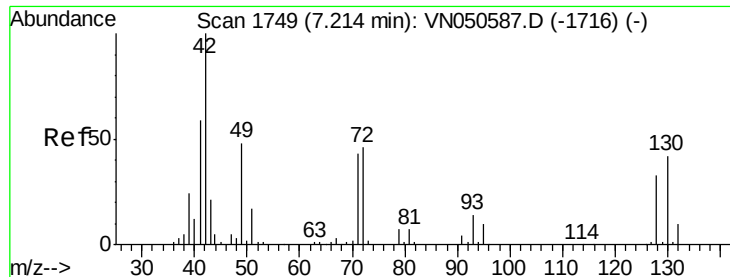


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 117.945 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

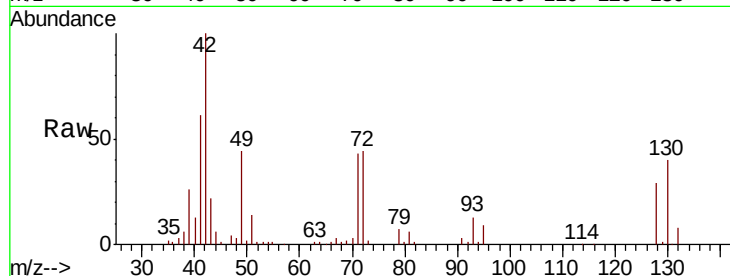
Tgt Ion: 42 Resp: 188651

Ion Ratio Lower Upper

42 100

72 44.4 35.8 53.6

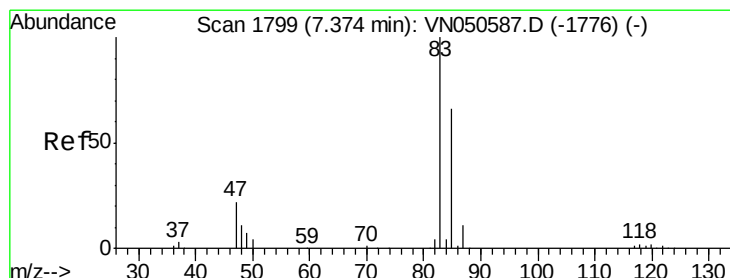
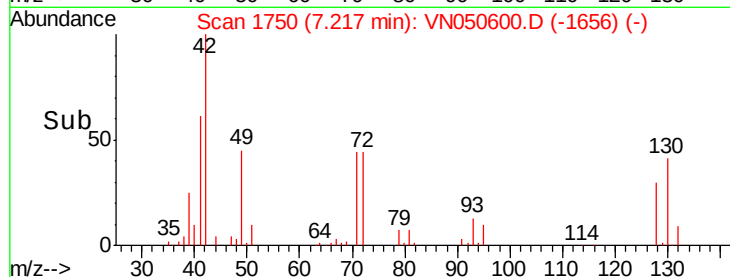
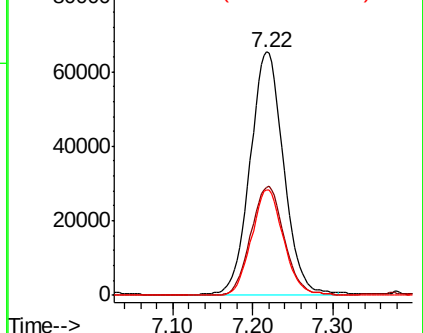
71 41.4 33.4 50.0



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: 21.399 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050600.D

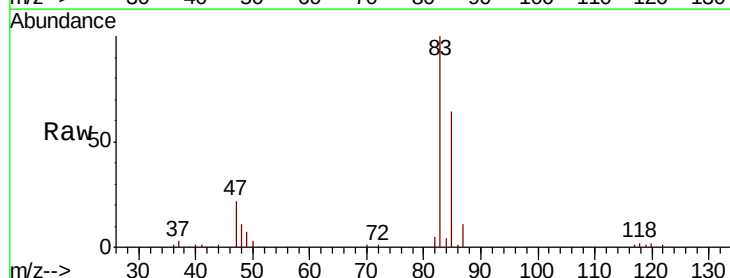
Acq: 14 Aug 2018 14:22

Tgt Ion: 83 Resp: 287799

Ion Ratio Lower Upper

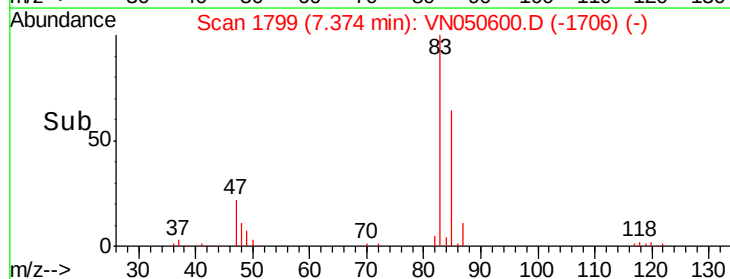
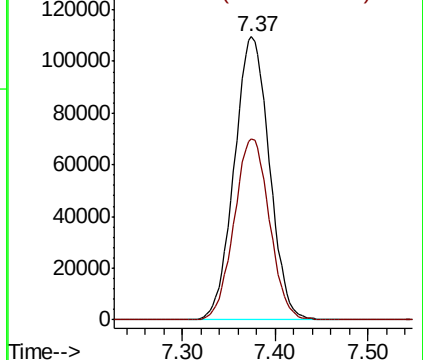
83 100

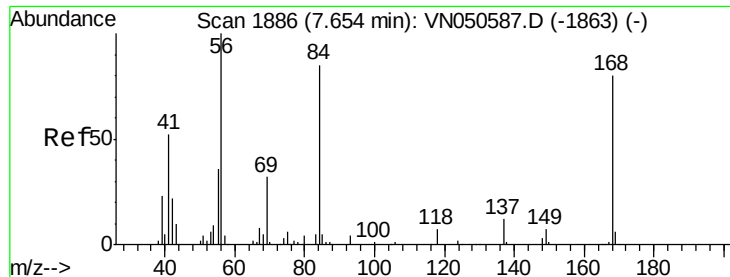
85 64.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

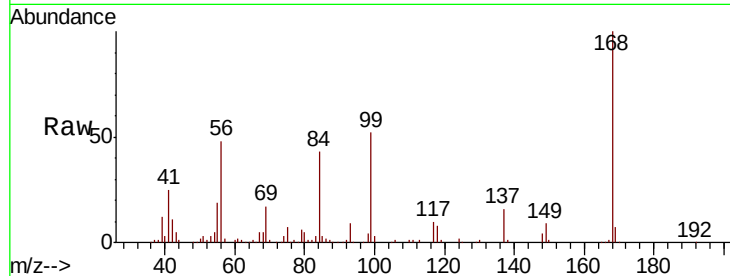




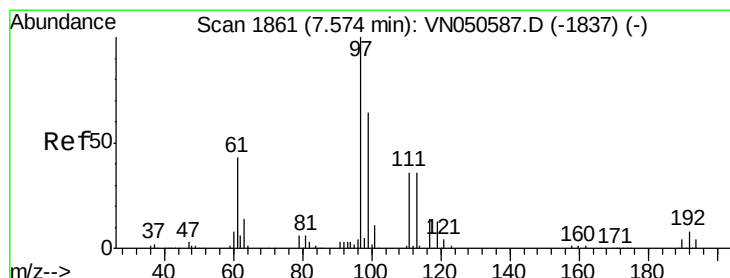
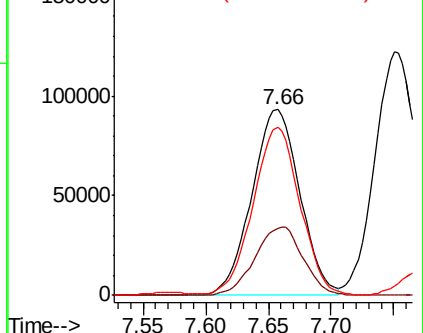
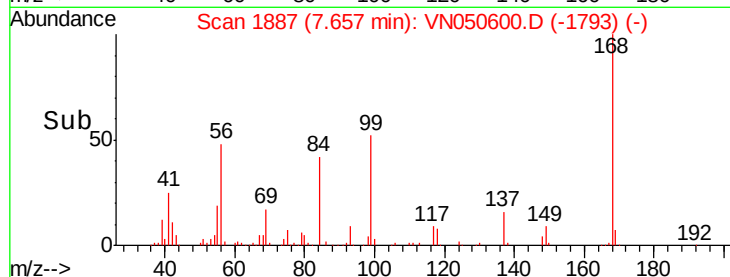
#31
Cyclohexane
Concen: 21.737 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 56 Resp: 248400
Ion Ratio Lower Upper
56 100
69 36.1 25.8 38.6
84 89.4 67.8 101.6

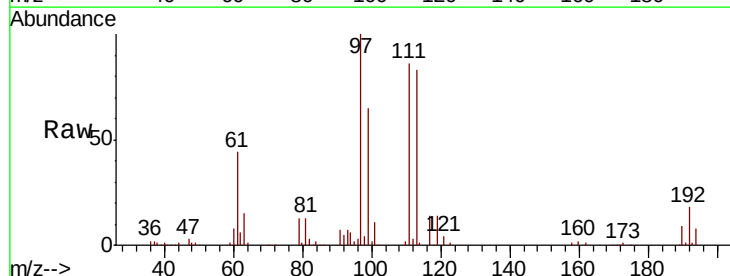


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

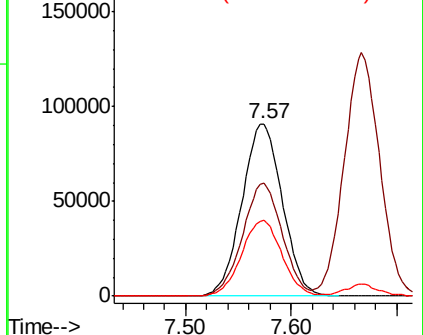
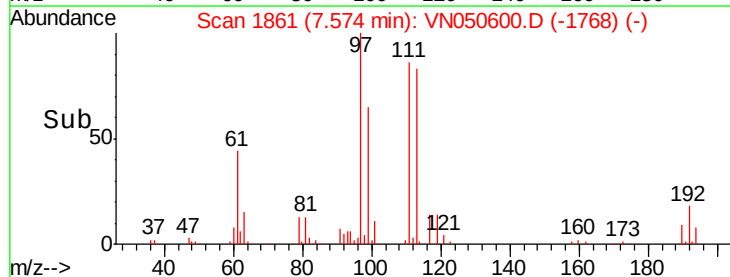


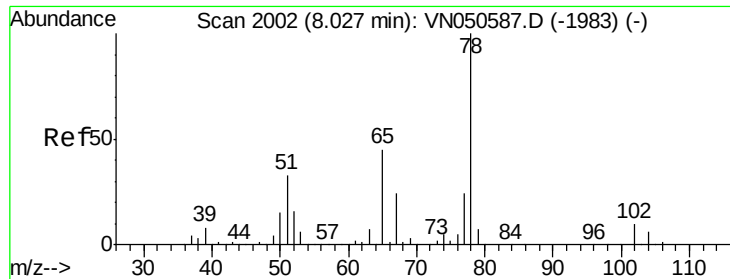
#32
1,1,1-Trichloroethane
Concen: 21.434 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 97 Resp: 242644
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 43.8 34.8 52.2



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: 54.309 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

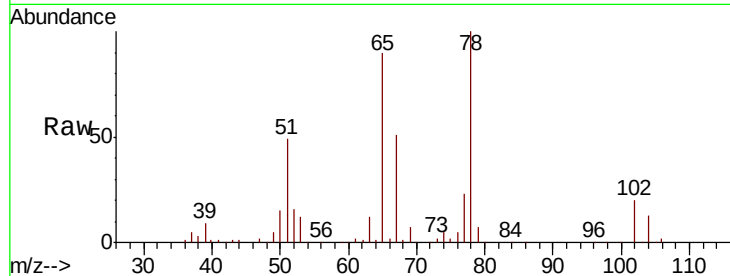
VN0814WBSD01

Tgt Ion: 65 Resp: 405760

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050587.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050587.D (-1983) (-)

8.03

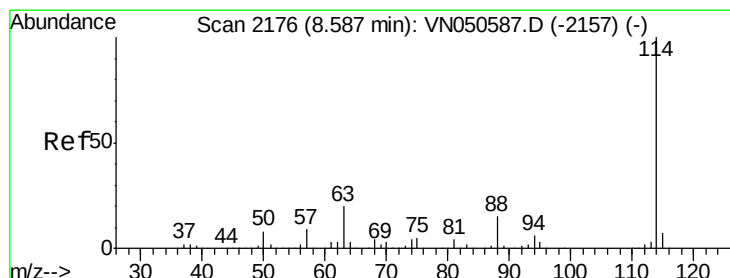
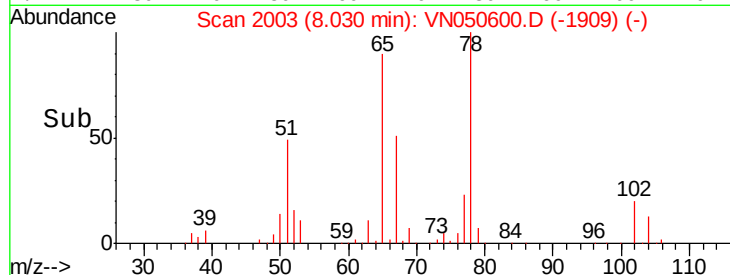
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

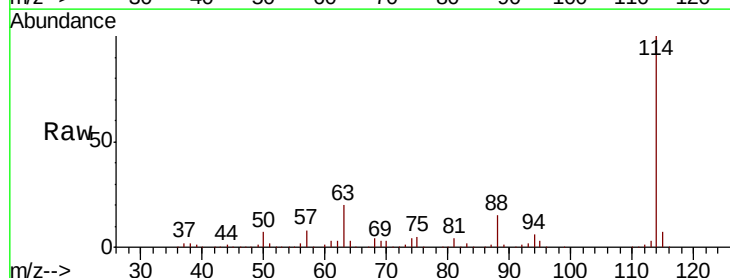
Tgt Ion: 114 Resp: 862794

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN050587.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN050587.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN050587.D (-2157) (-)

8.59

500000

400000

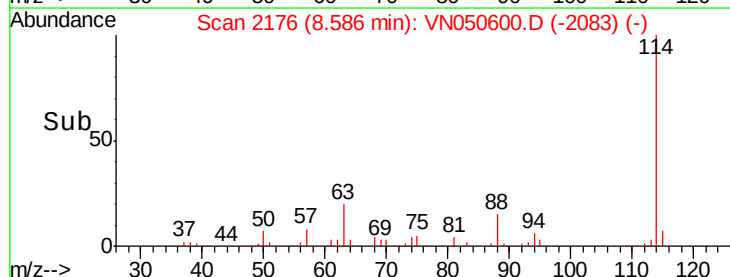
300000

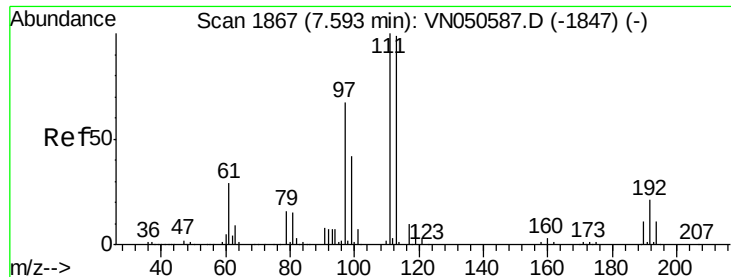
200000

100000

0

Time-->

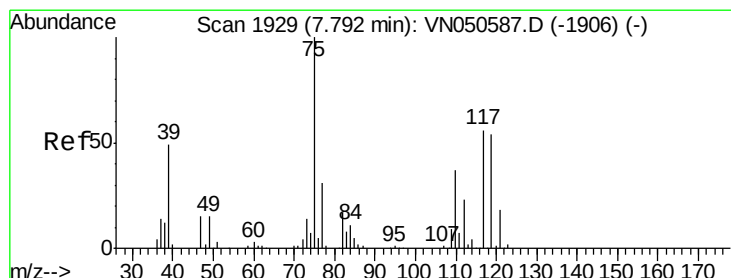
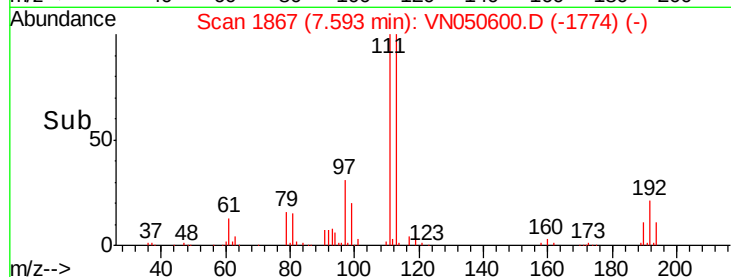
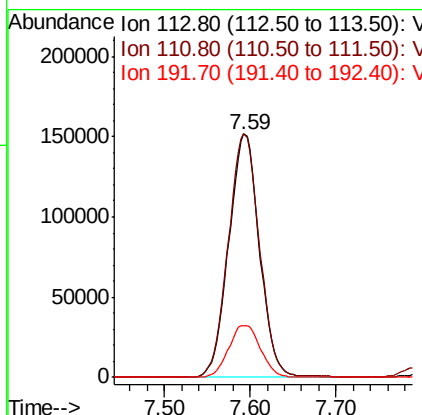
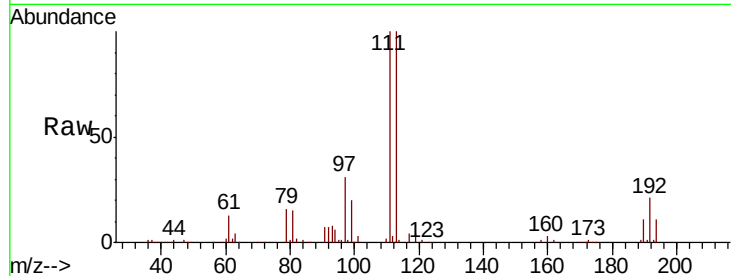




#35
 Dibromofluoromethane
 Concen: 54.531 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

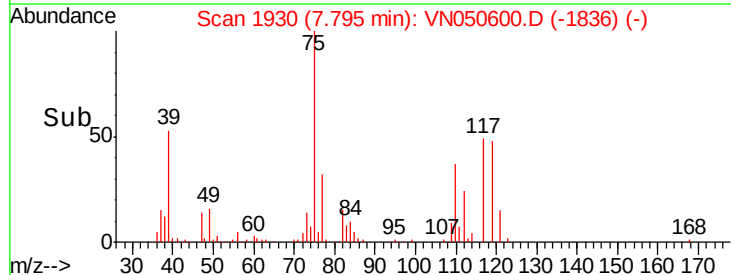
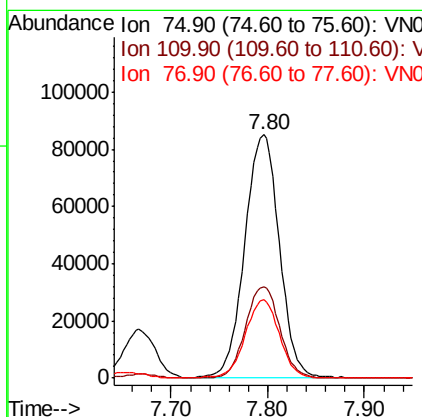
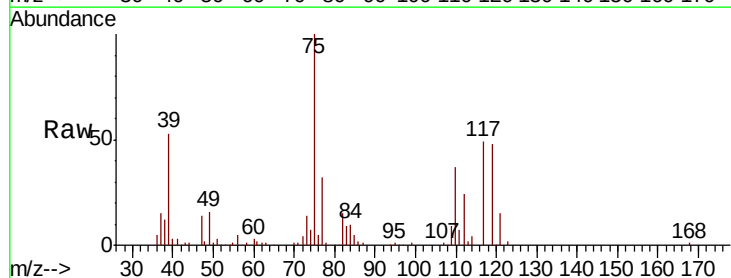
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

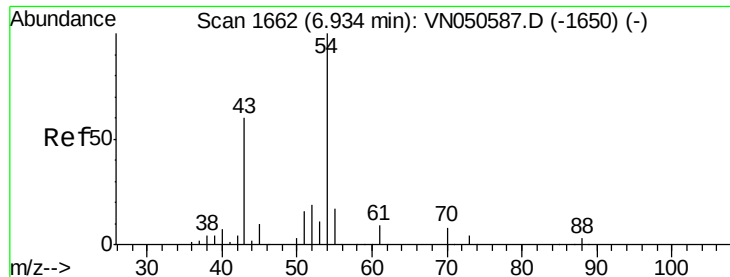
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.6
192	22.3	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 21.892 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.3	54.9
77	32.1	25.0	37.4

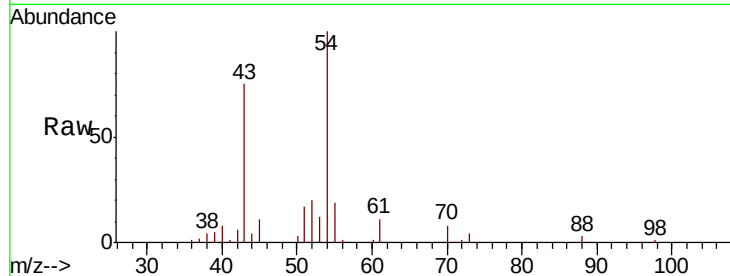




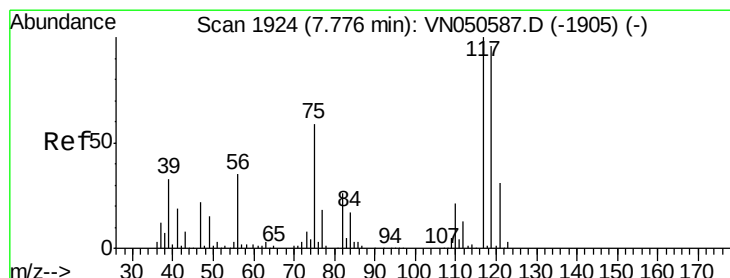
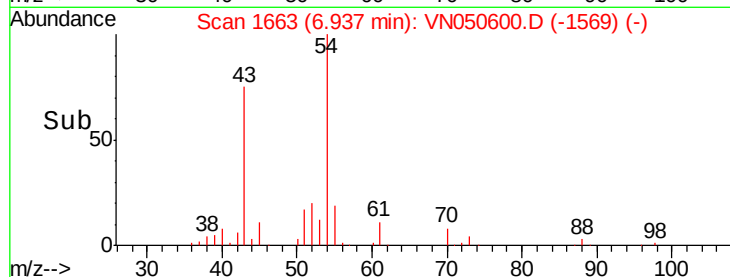
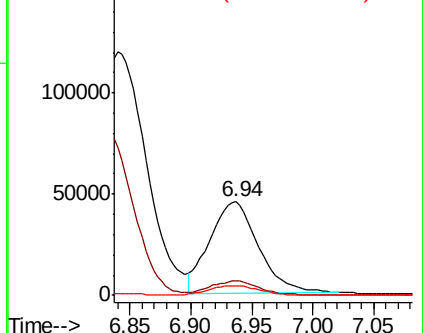
#37
Ethyl Acetate
Concen: 23.254 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 43 Resp: 126247
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.5 8.5 12.7

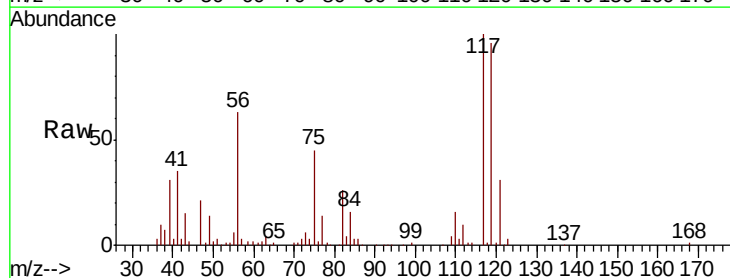


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

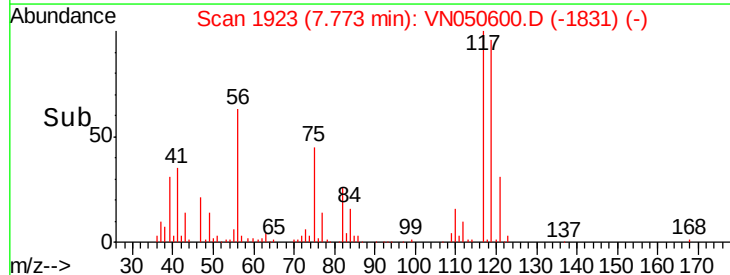
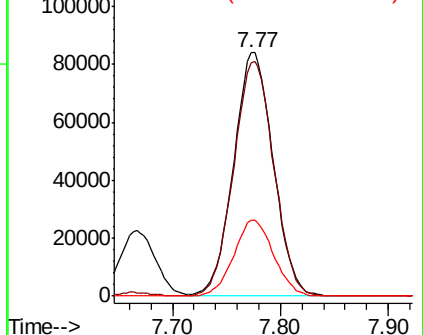


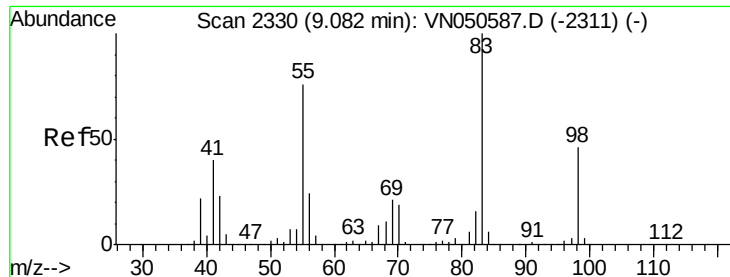
#38
Carbon Tetrachloride
Concen: 21.615 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 117 Resp: 215358
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 31.2 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

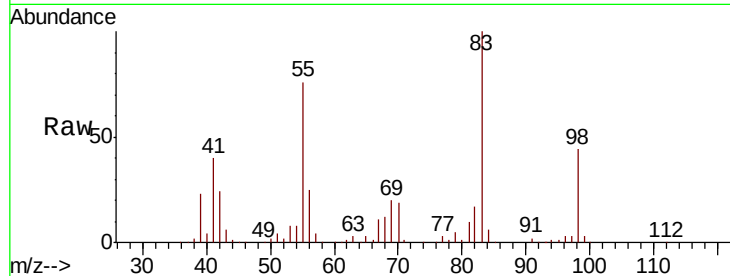




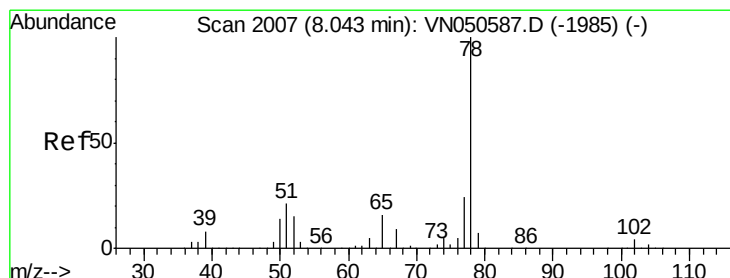
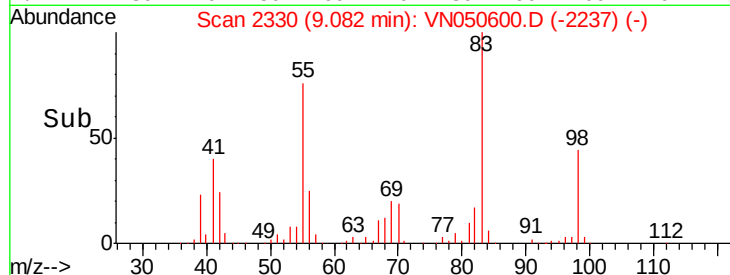
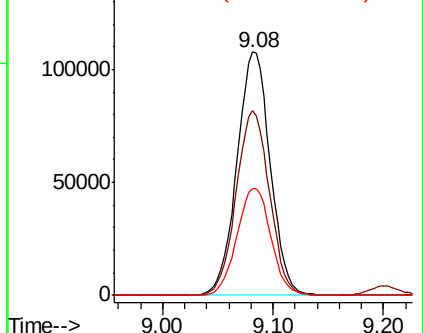
#39
Methylcyclohexane
Concen: 22.599 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion: 83 Resp: 224715
Ion Ratio Lower Upper
83 100
55 75.9 60.6 91.0
98 44.0 37.0 55.4

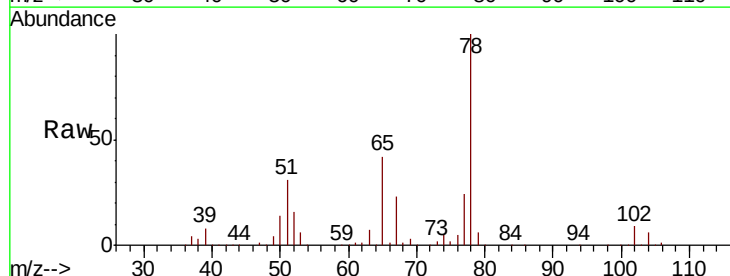


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

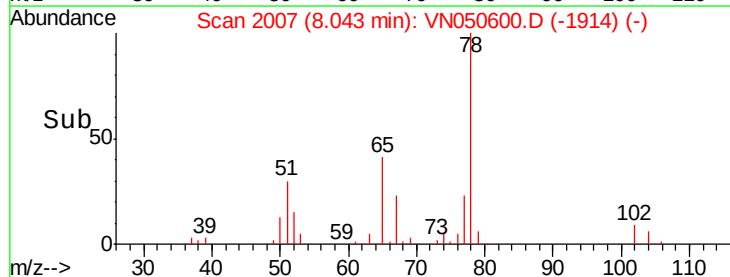
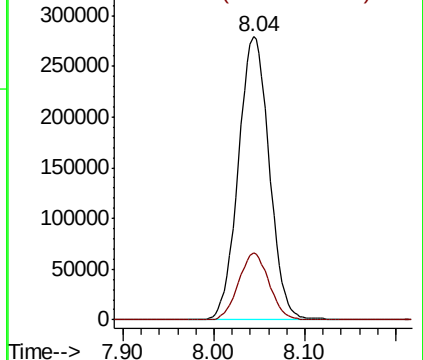


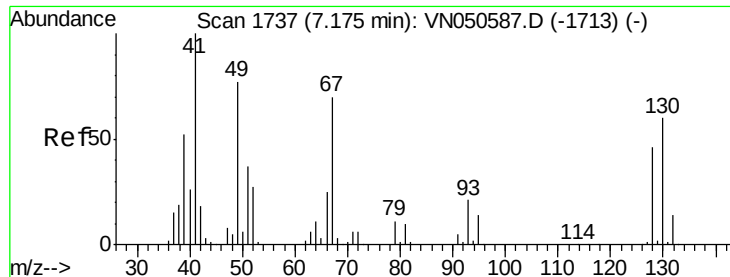
#40
Benzene
Concen: 22.561 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 78 Resp: 659193
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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

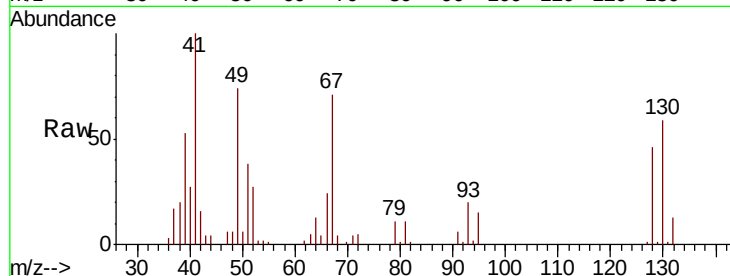




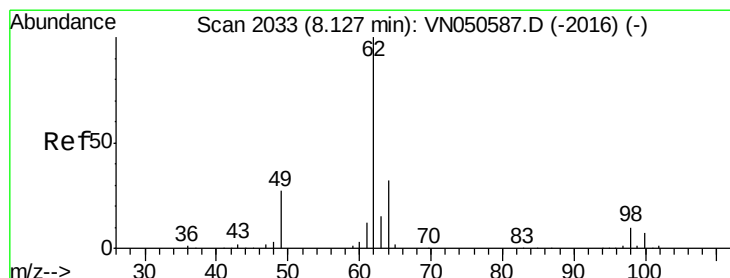
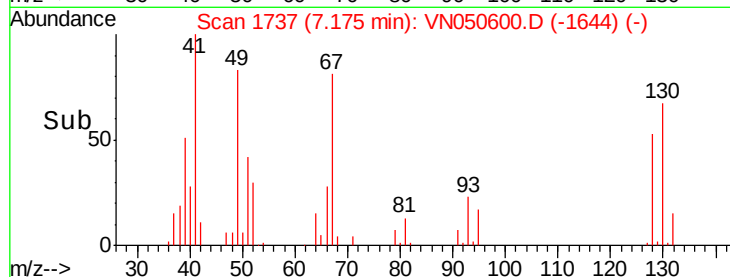
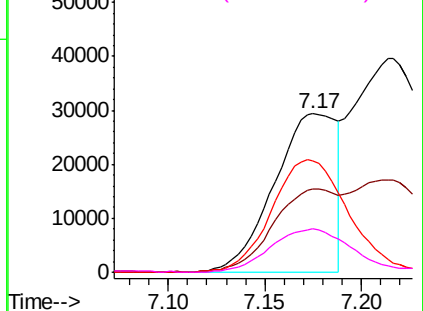
#41
Methacrylonitrile
Concen: 22.515 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion:	41	Resp:	66082
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.6	66.8
67	87.3	66.7	100.1
52	36.5	26.5	39.7

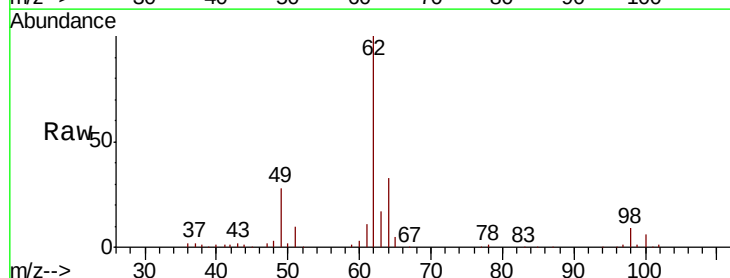


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

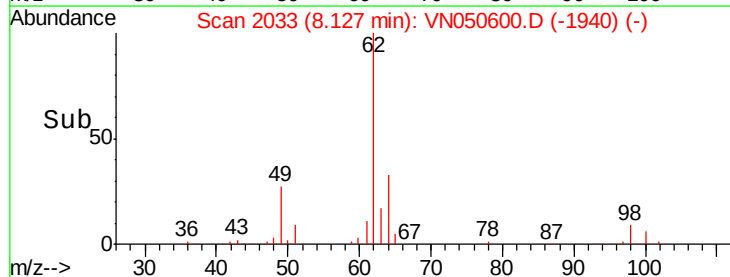
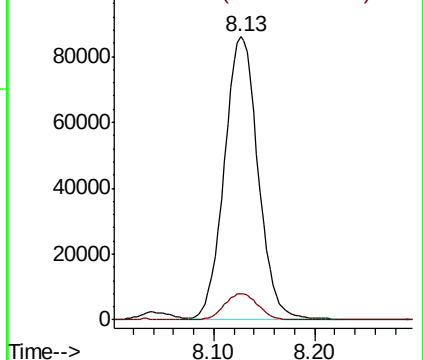


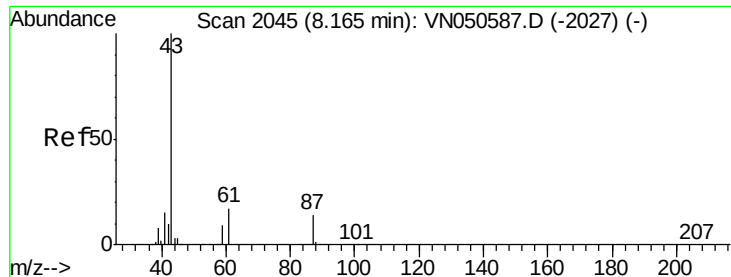
#42
1,2-Dichloroethane
Concen: 22.346 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion:	62	Resp:	200116
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 22.194 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

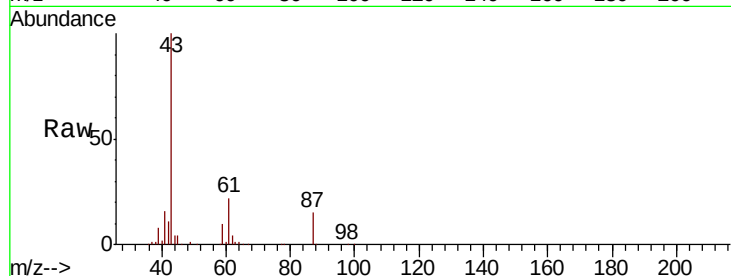
Tgt Ion: 43 Resp: 219588

Ion Ratio Lower Upper

43 100

61 30.5 16.2 24.2#

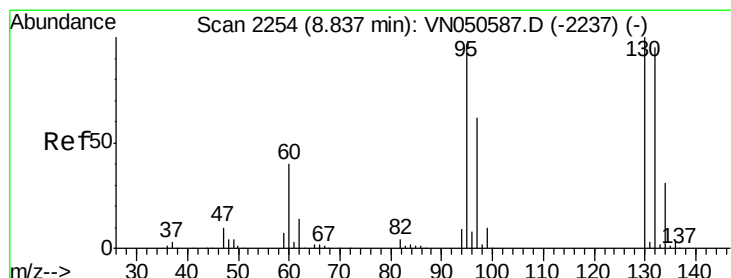
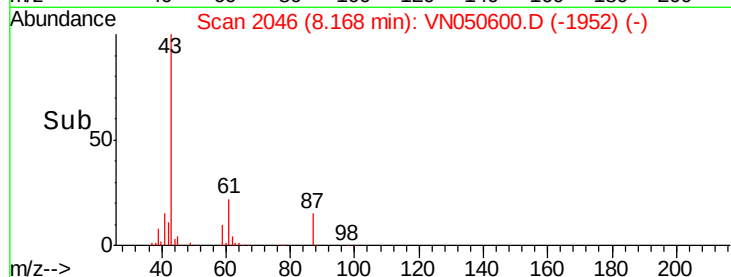
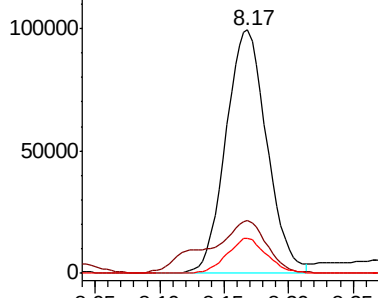
87 14.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#44

Trichloroethene

Concen: 21.616 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050600.D

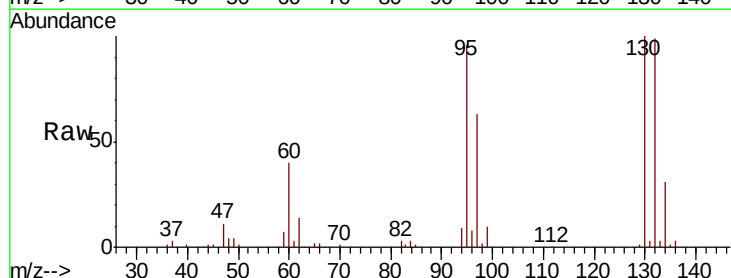
Acq: 14 Aug 2018 14:22

Tgt Ion: 130 Resp: 169181

Ion Ratio Lower Upper

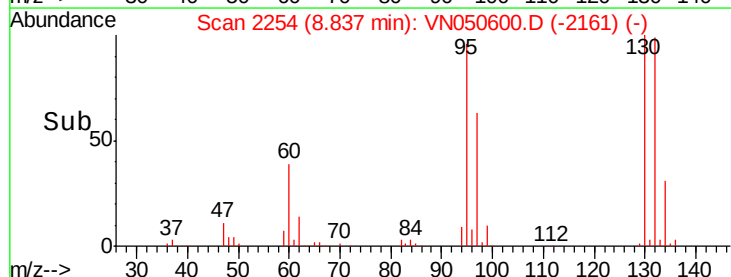
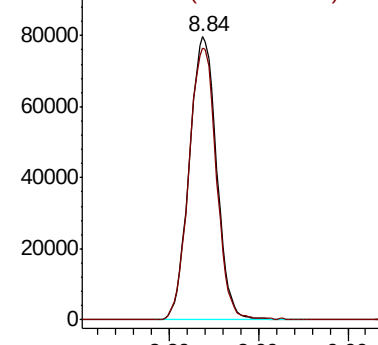
130 100

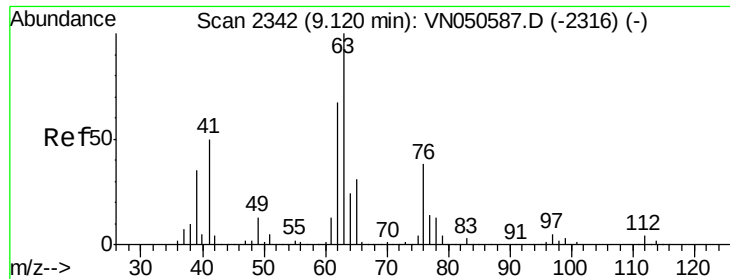
95 96.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

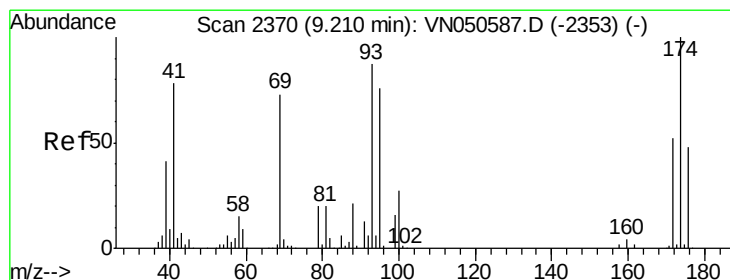
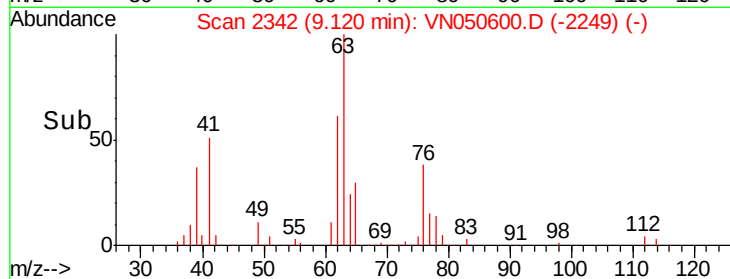
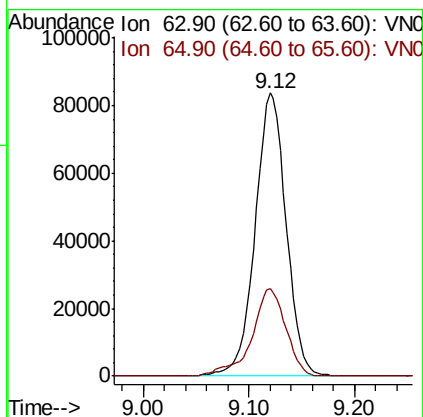
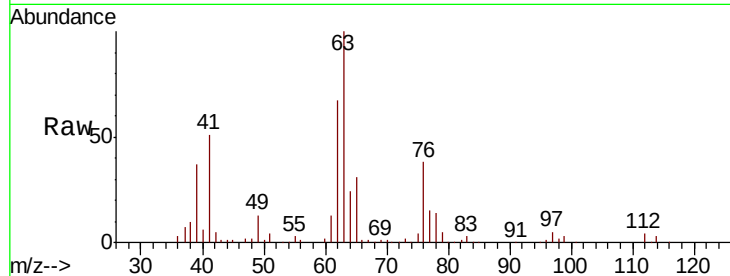




#45
 1,2-Dichloropropane
 Concen: 22.051 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

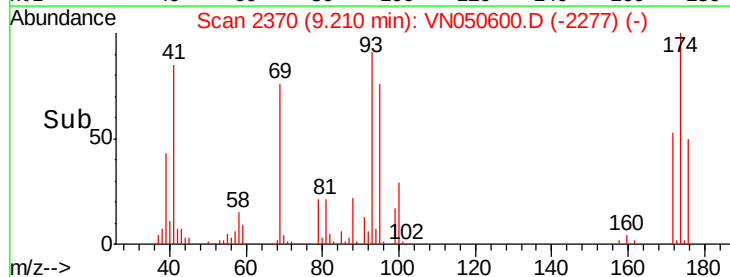
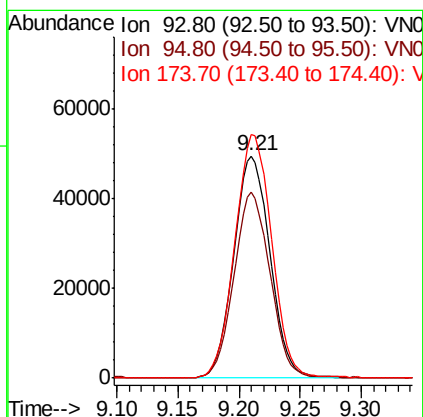
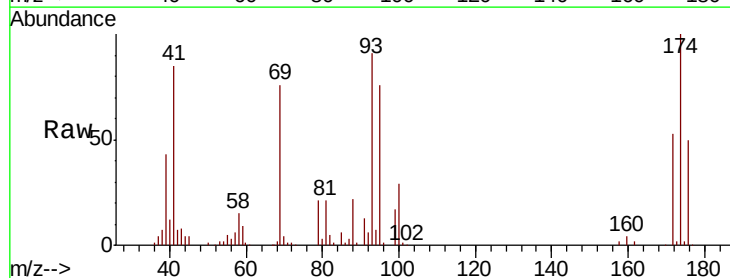
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

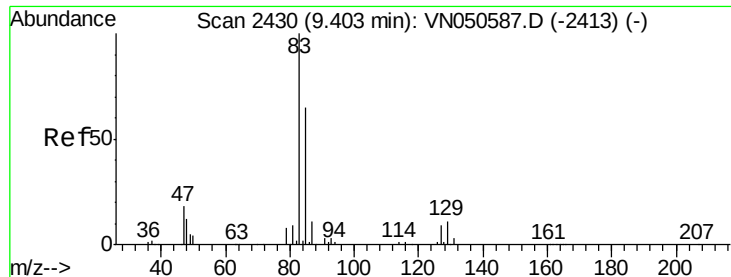
Tgt Ion: 63 Resp: 171531
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.5 36.7



#46
 Dibromomethane
 Concen: 22.236 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion: 93 Resp: 102131
 Ion Ratio Lower Upper
 93 100
 95 83.3 69.1 103.7
 174 111.6 91.0 136.6





#47

Bromodichloromethane

Concen: 21.749 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

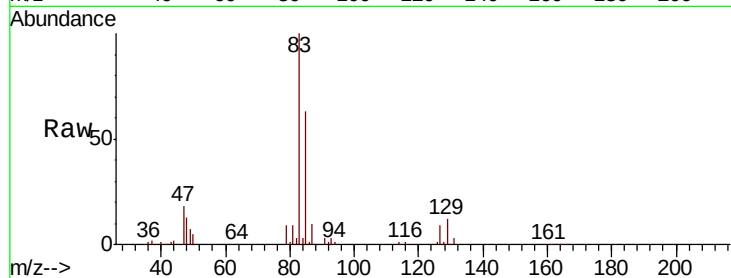
Tgt Ion: 83 Resp: 213518

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6

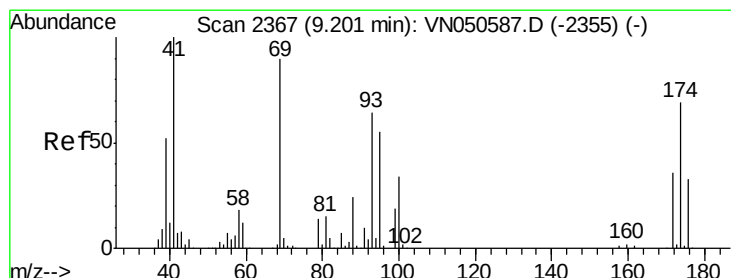
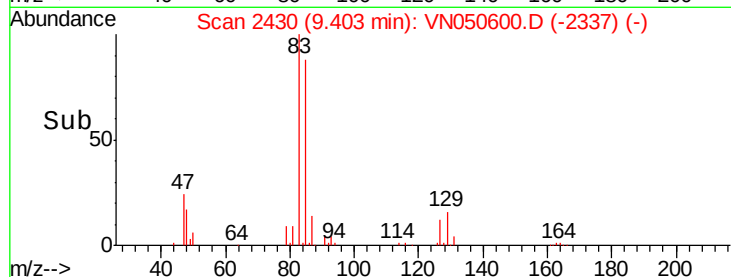
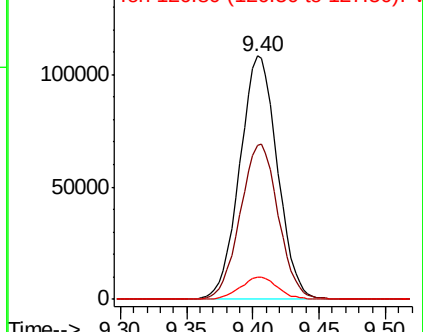
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050600.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050600.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050600.D (-2337) (-)



#48

Methyl methacrylate

Concen: 22.121 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

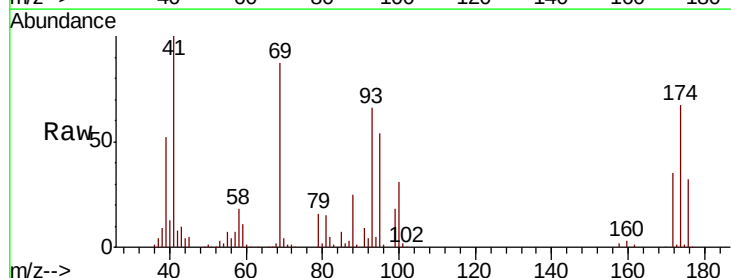
Tgt Ion: 41 Resp: 110128

Ion Ratio Lower Upper

41 100

69 92.3 73.4 110.0

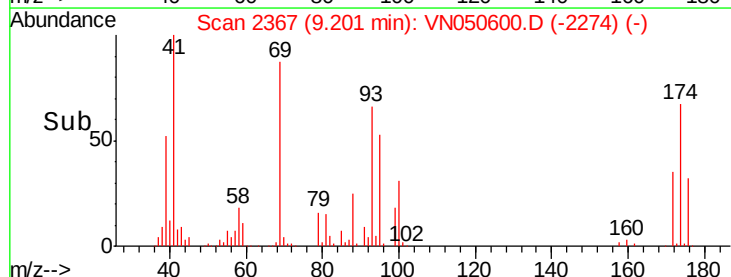
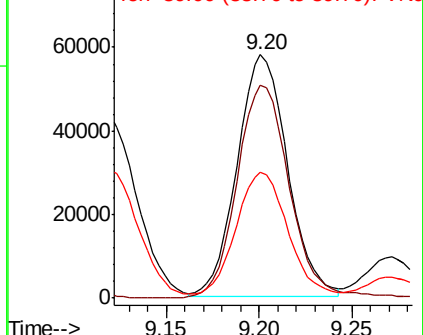
39 53.6 43.0 64.6

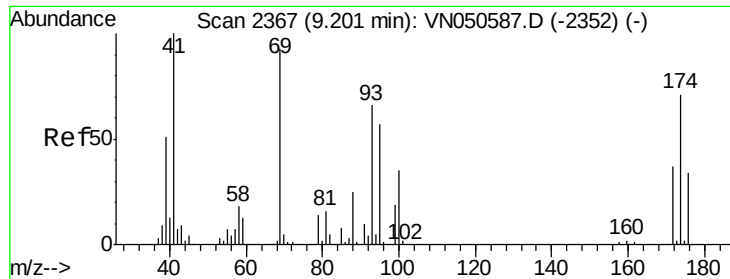


Abundance Ion 41.00 (40.70 to 41.70): VN050600.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN050600.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN050600.D (-2274) (-)





#49

1,4-Dioxane

Concen: 465.155 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

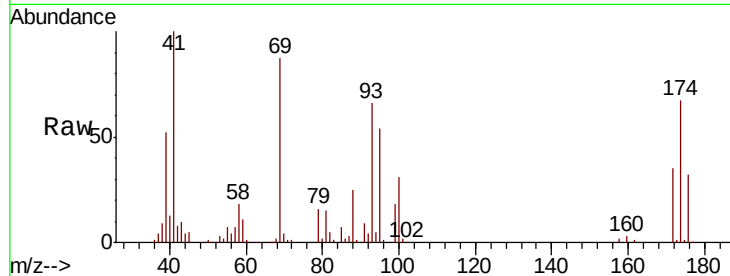
Tgt Ion: 88 Resp: 30507

Ion Ratio Lower Upper

88 100

43 32.4 25.9 38.9

58 69.7 56.5 84.7

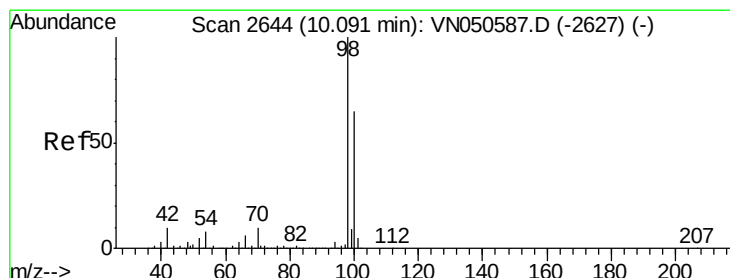
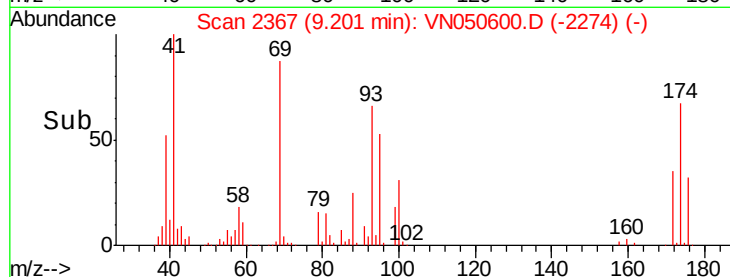
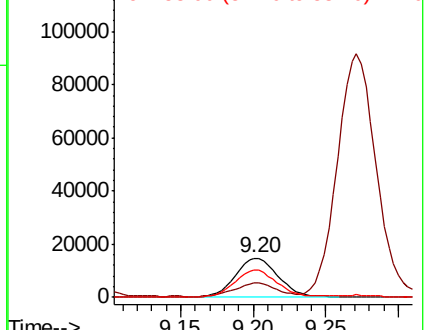


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.882 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050600.D

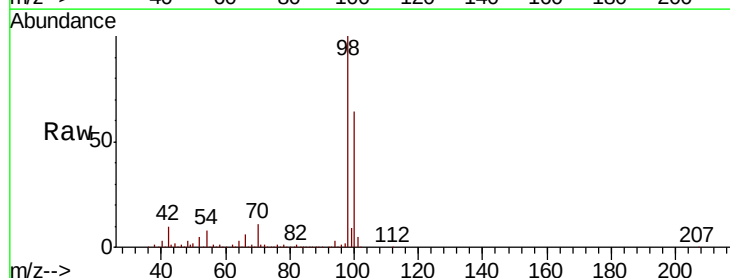
Acq: 14 Aug 2018 14:22

Tgt Ion: 98 Resp: 1396837

Ion Ratio Lower Upper

98 100

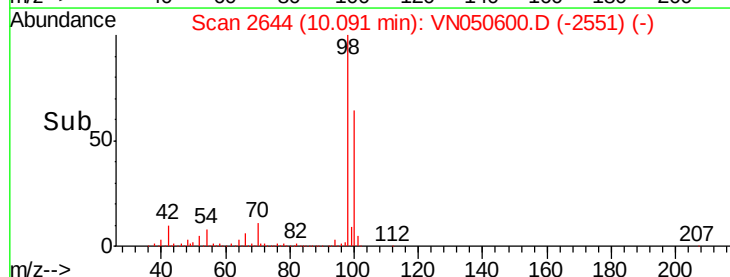
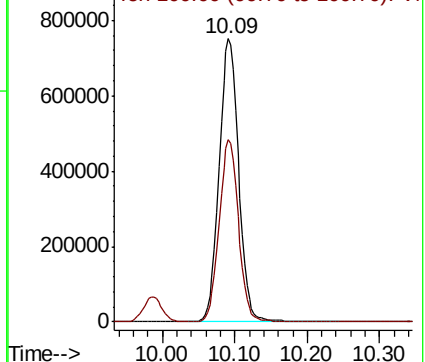
100 63.9 51.8 77.8

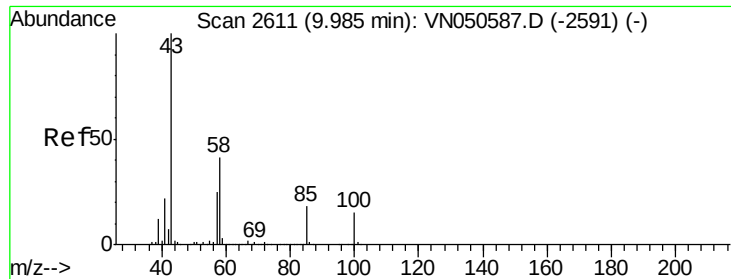


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 119.613 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

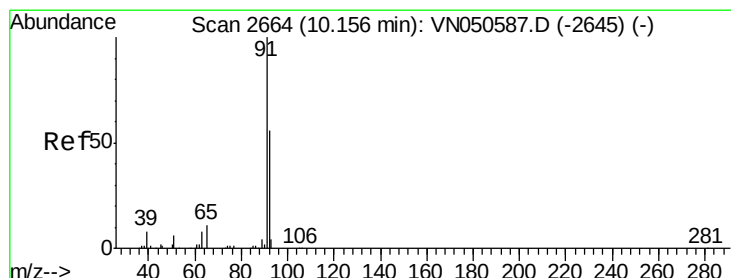
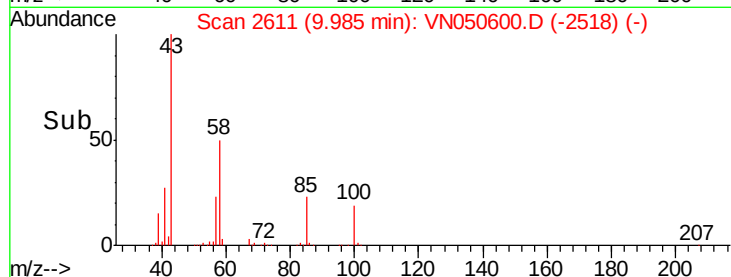
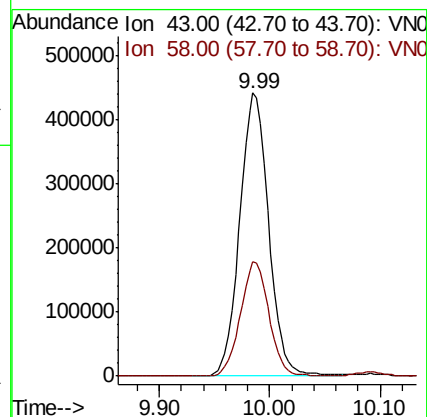
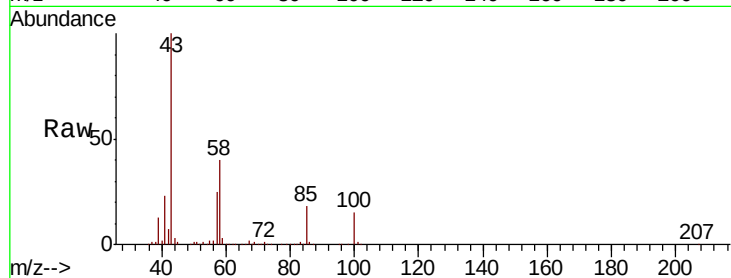
VN0814WBSD01

Tgt Ion: 43 Resp: 800367

Ion Ratio Lower Upper

43 100

58 40.2 32.5 48.7



#52

Toluene

Concen: 22.865 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050600.D

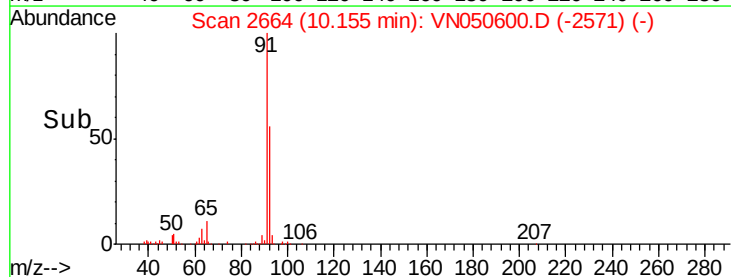
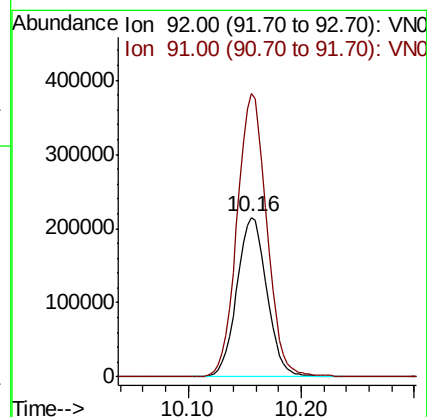
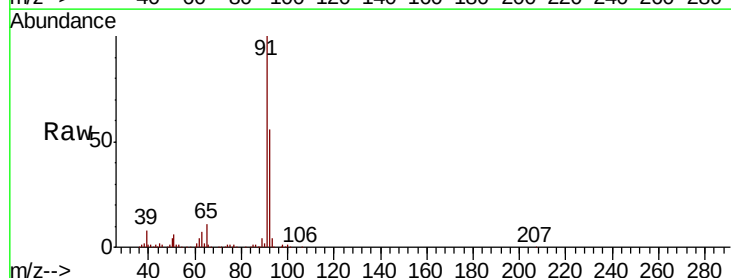
Acq: 14 Aug 2018 14:22

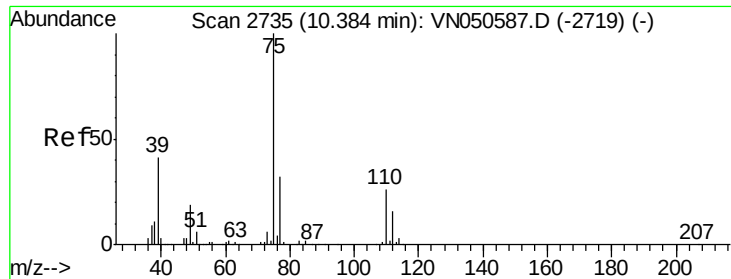
Tgt Ion: 92 Resp: 398891

Ion Ratio Lower Upper

92 100

91 175.9 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 22.007 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

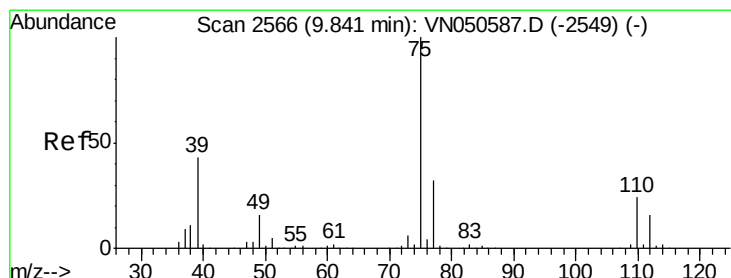
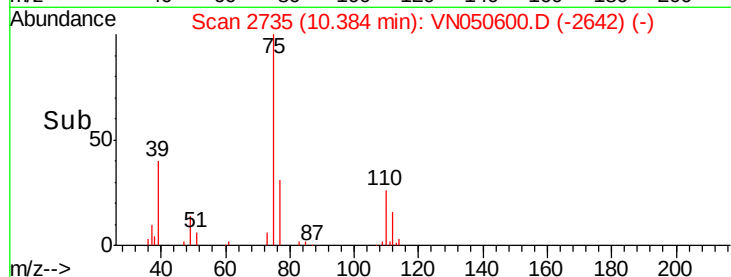
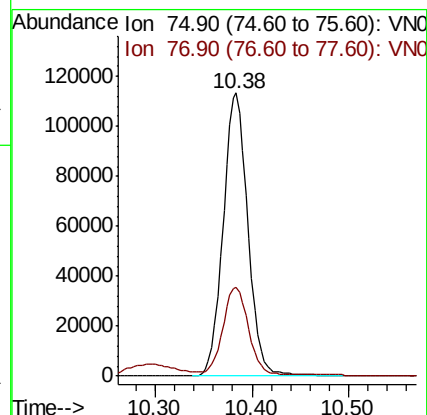
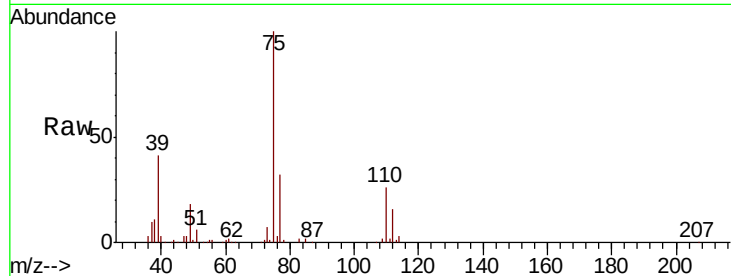
VN0814WBSD01

Tgt Ion: 75 Resp: 201233

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 22.943 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

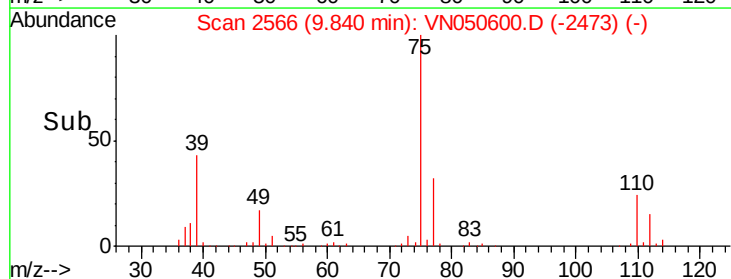
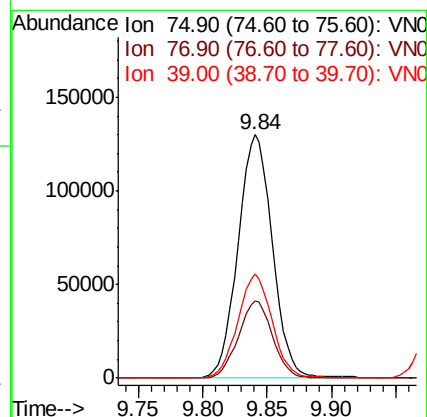
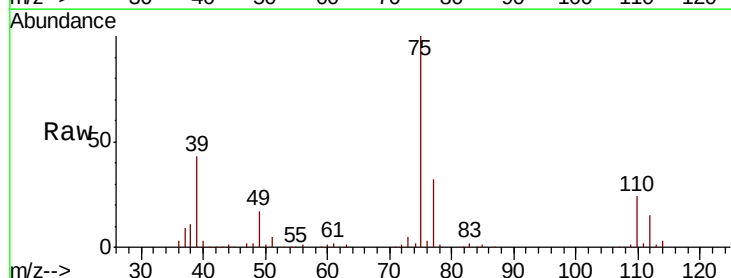
Tgt Ion: 75 Resp: 240674

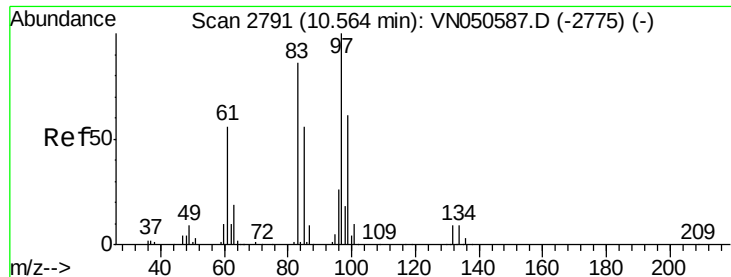
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 42.6 34.4 51.6





#55

1,1,2-Trichloroethane

Concen: 22.193 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

Tgt Ion: 97 Resp: 144639

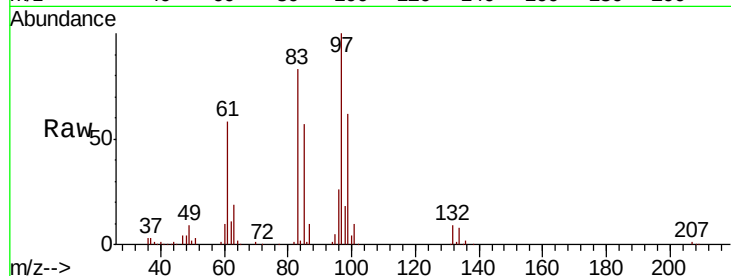
Ion Ratio Lower Upper

97 100

83 83.4 68.5 102.7

85 57.4 44.6 66.8

99 61.8 49.1 73.7

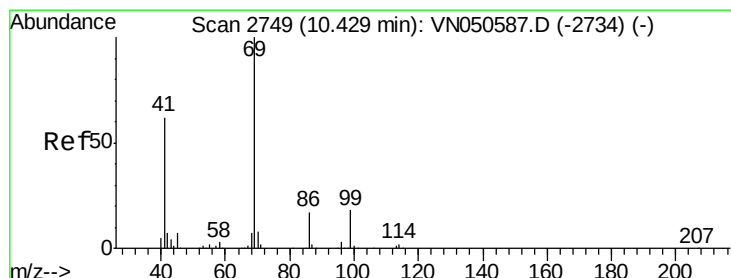
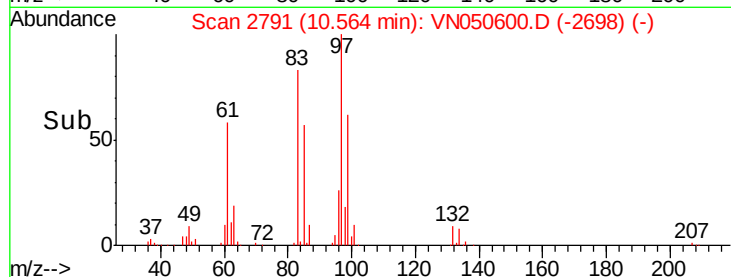
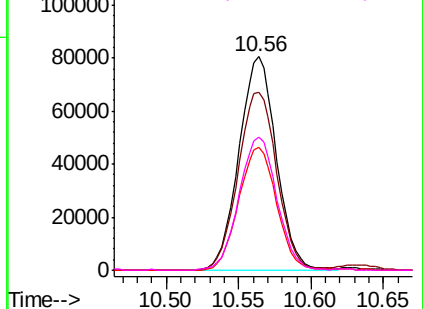


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.607 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

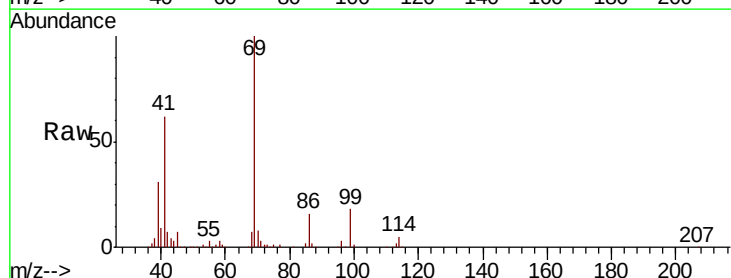
Tgt Ion: 69 Resp: 170291

Ion Ratio Lower Upper

69 100

41 61.9 49.7 74.5

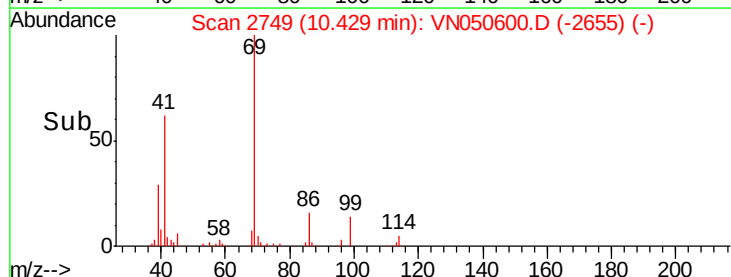
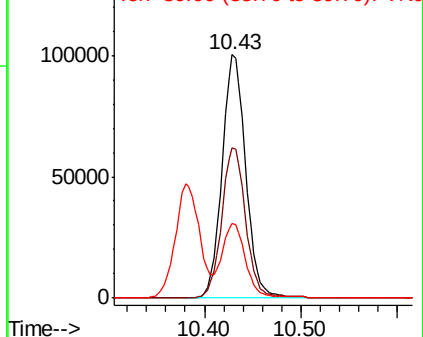
39 30.6 24.2 36.2

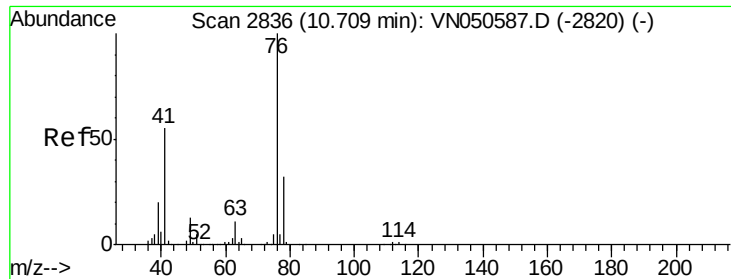


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

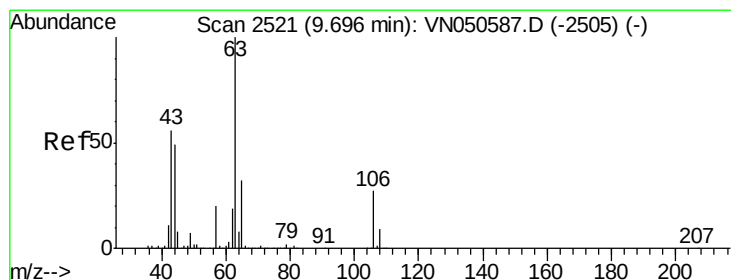
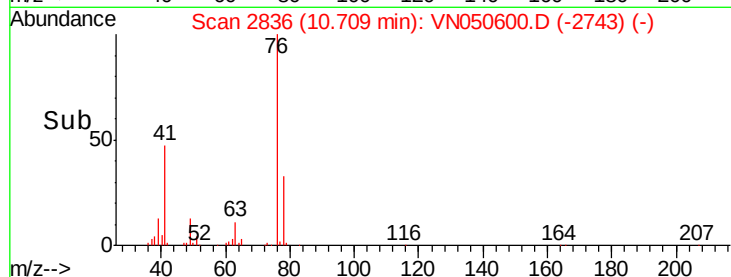
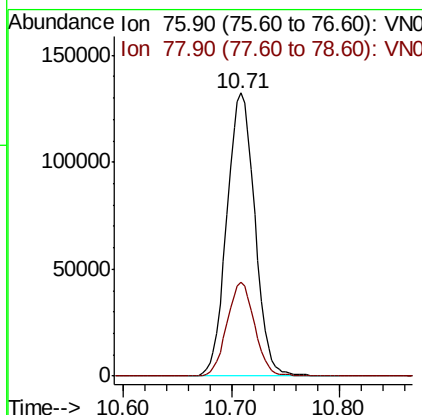
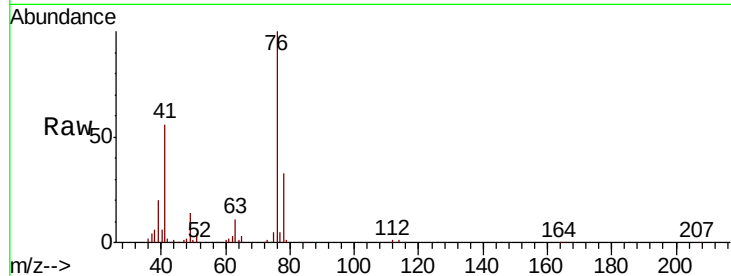




#57
 1,3-Dichloropropane
 Concen: 22.455 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

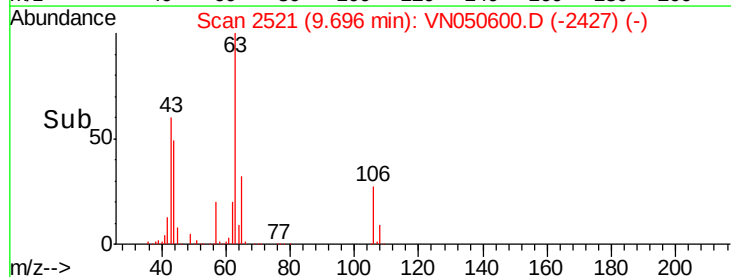
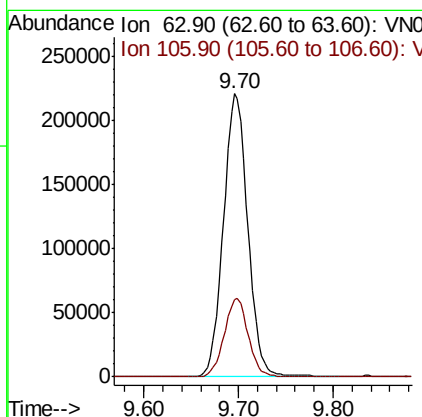
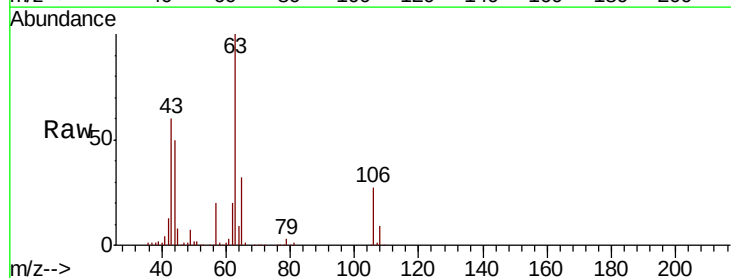
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBSD01

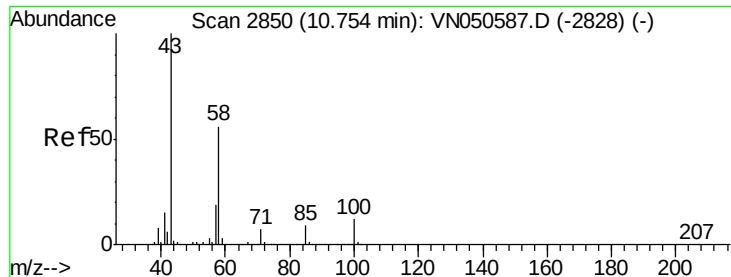
Tgt Ion: 76 Resp: 239928
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.434 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion: 63 Resp: 394852
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.7 32.5

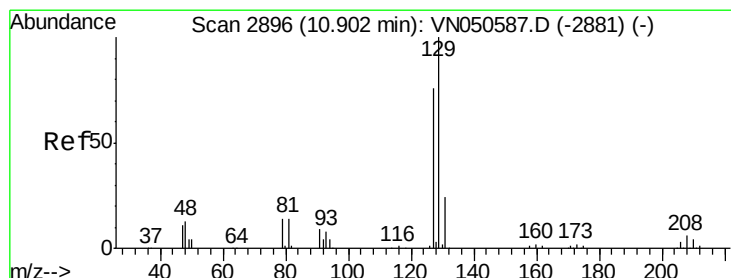
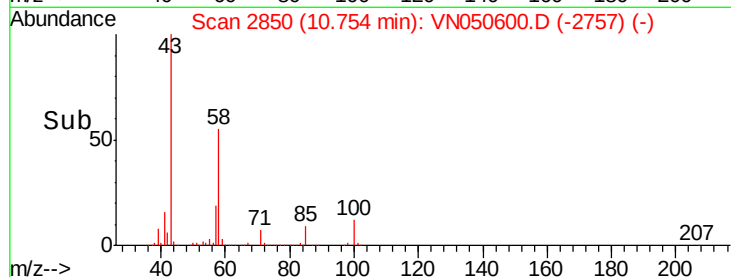
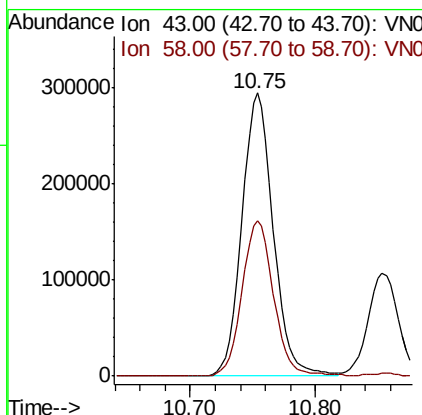
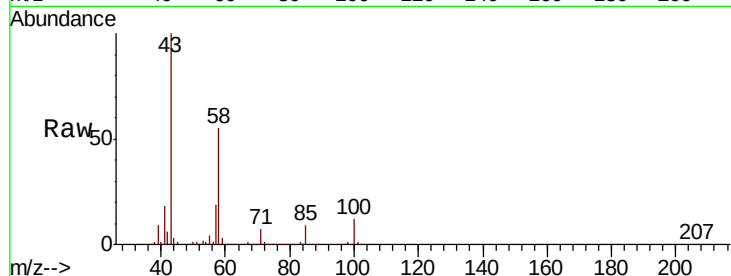




#59
2-Hexanone
Concen: 118.325 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

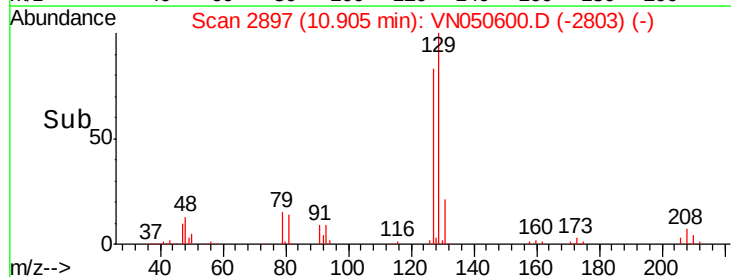
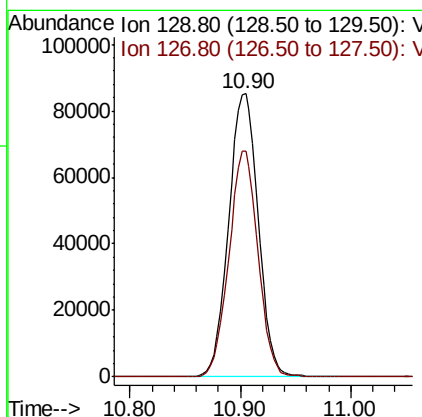
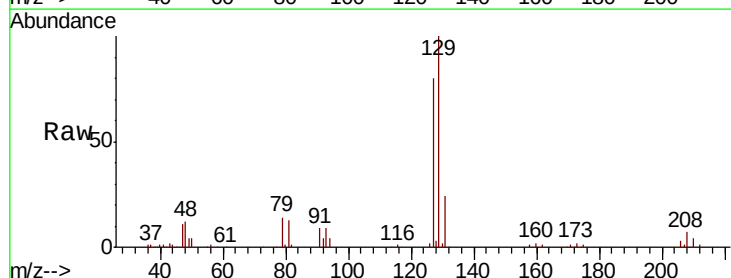
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

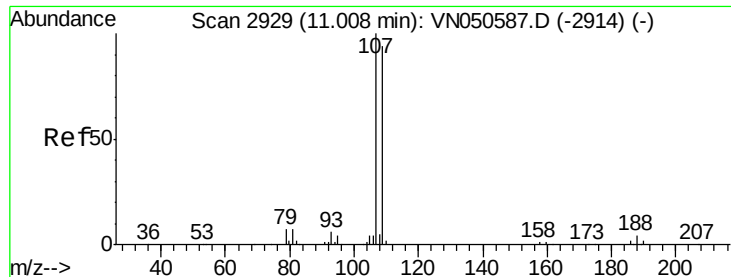
Tgt Ion: 43 Resp: 511013
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0



#60
Dibromochloromethane
Concen: 22.040 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 129 Resp: 158528
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

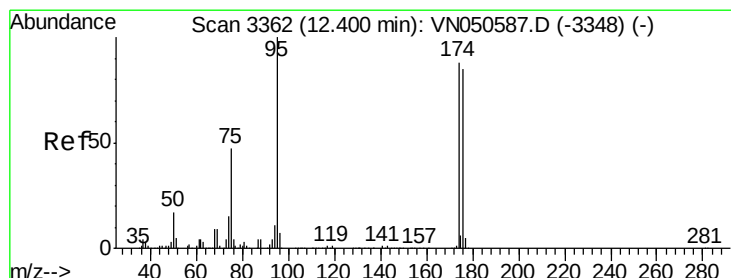
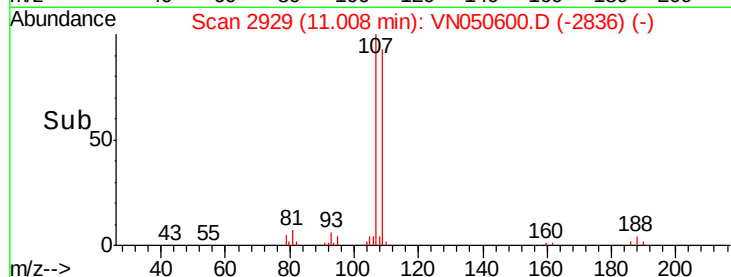
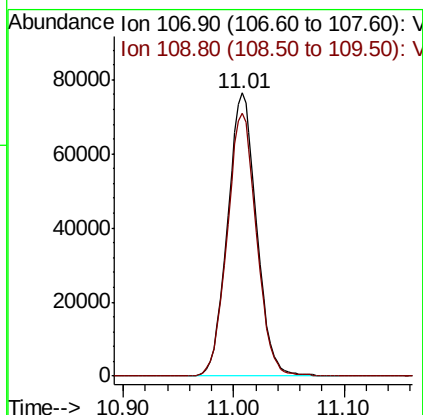
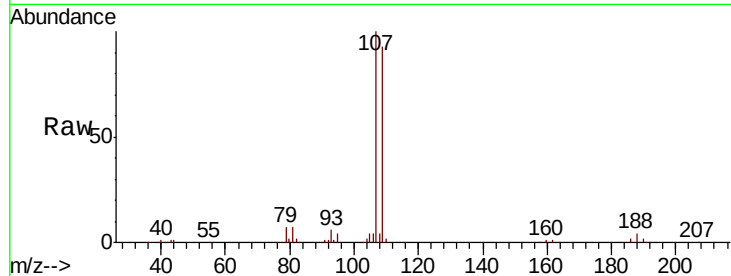




#61
 1,2-Dibromoethane
 Concen: 22.443 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

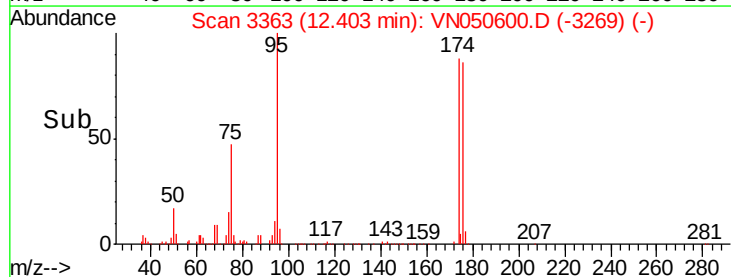
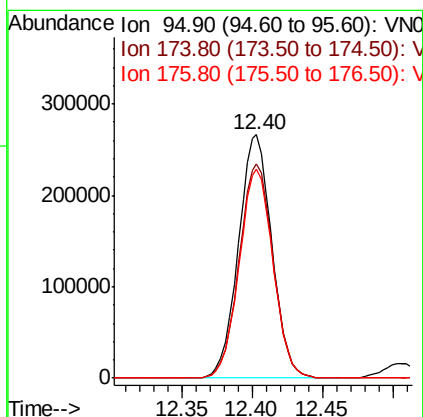
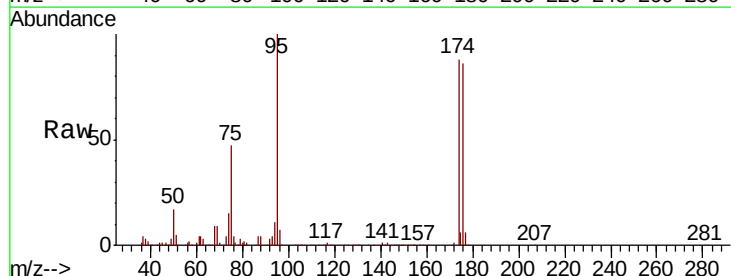
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

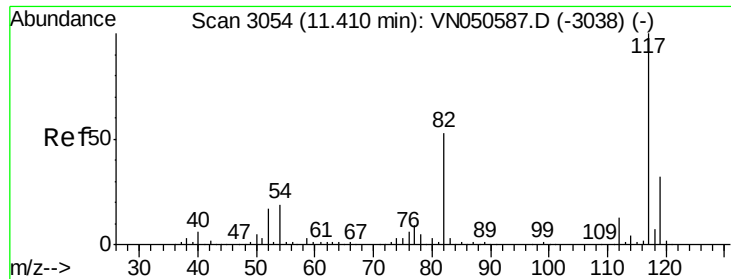
Tgt Ion: 107 Resp: 139296
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.559 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion: 95 Resp: 441566
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 177.8
 176 87.0 0.0 175.0

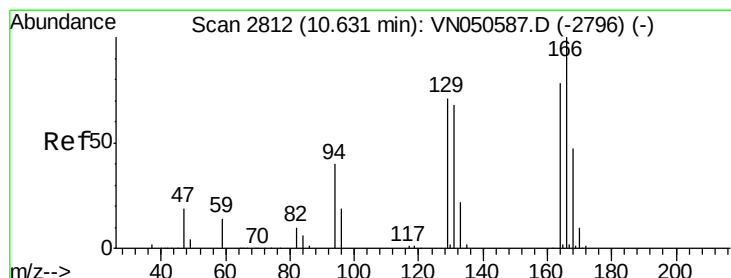
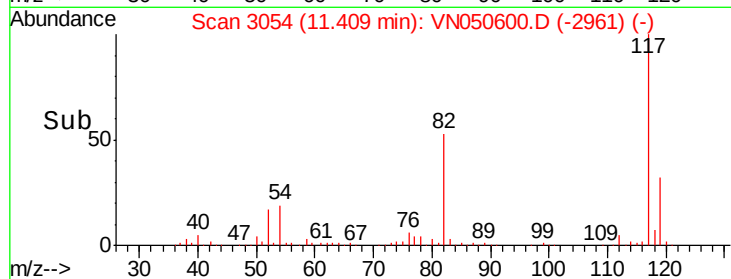
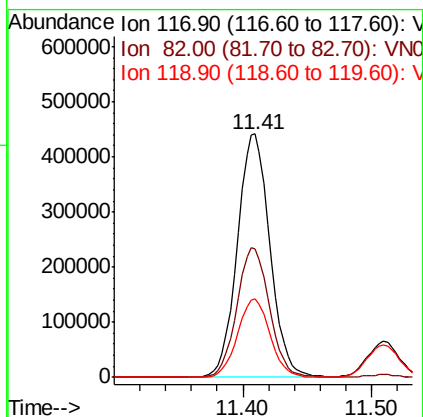
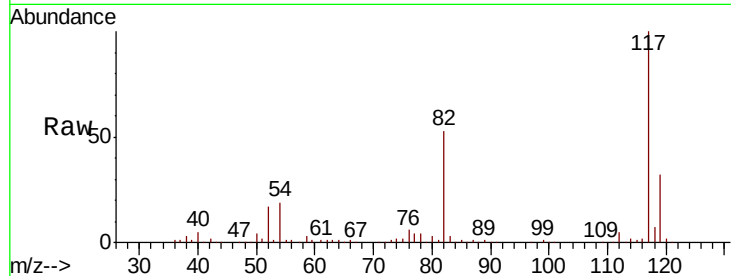




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

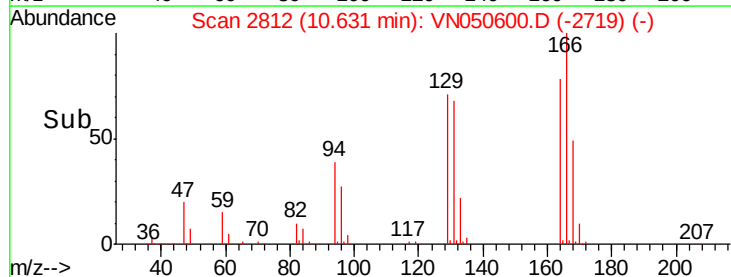
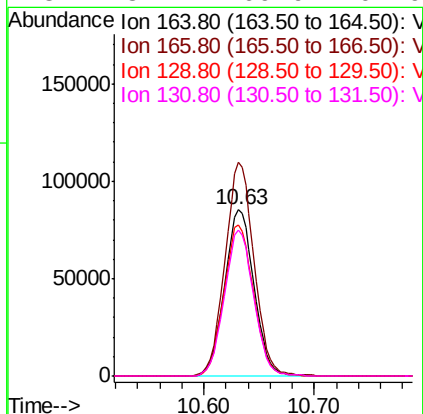
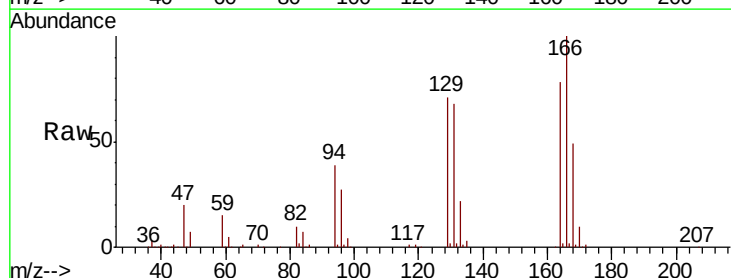
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

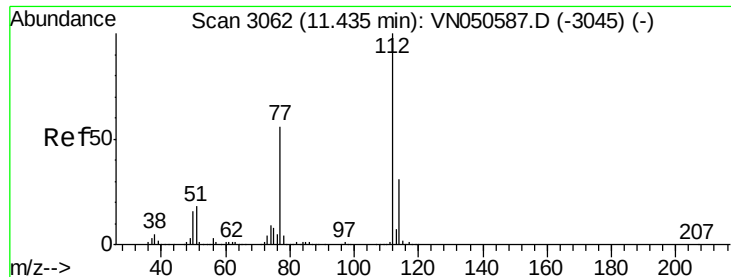
Tgt Ion:117 Resp: 775712
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 21.900 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion:164 Resp: 157767
Ion Ratio Lower Upper
164 100
166 128.8 102.1 153.1
129 91.5 72.7 109.1
131 87.7 69.9 104.9





#65

Chlorobenzene

Concen: 21.874 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

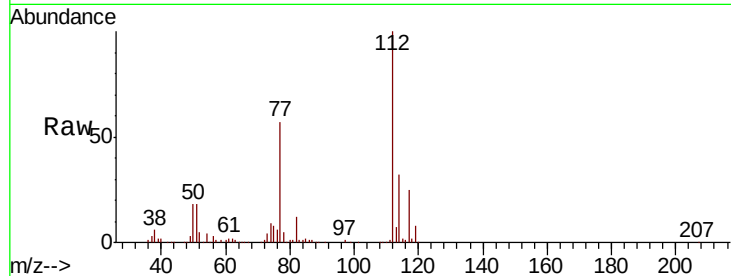
VN0814WBSD01

Tgt Ion:112 Resp: 422278

Ion Ratio Lower Upper

112 100

114 31.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

250000

200000

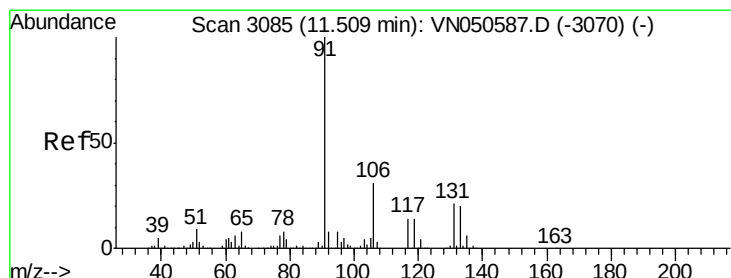
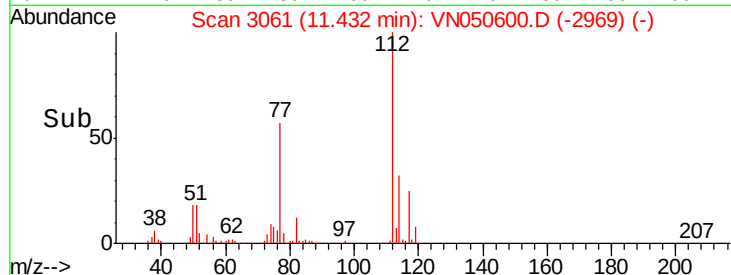
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.014 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

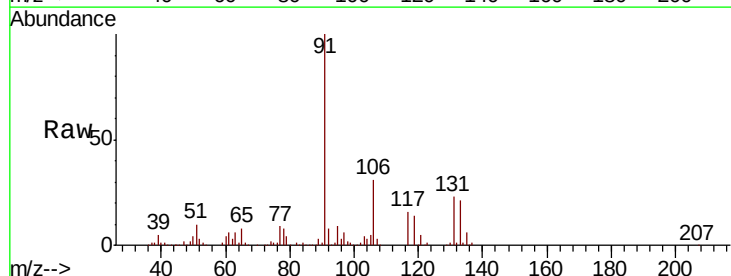
Tgt Ion:131 Resp: 159310

Ion Ratio Lower Upper

131 100

133 96.6 47.6 142.9

119 64.9 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

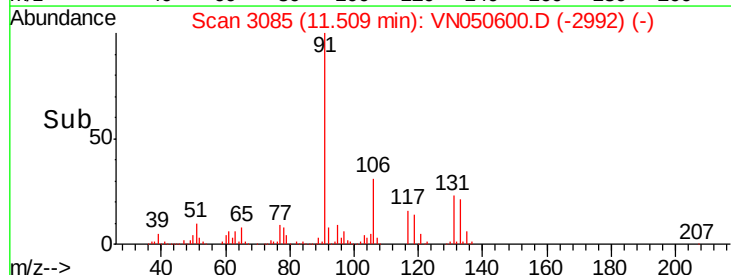
150000

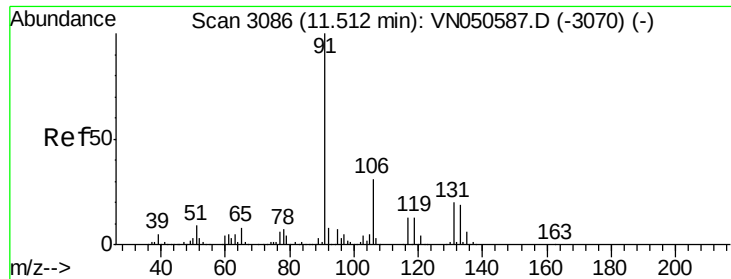
100000

50000

0

Time-->

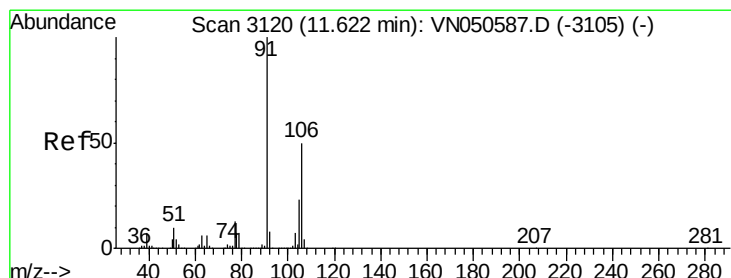
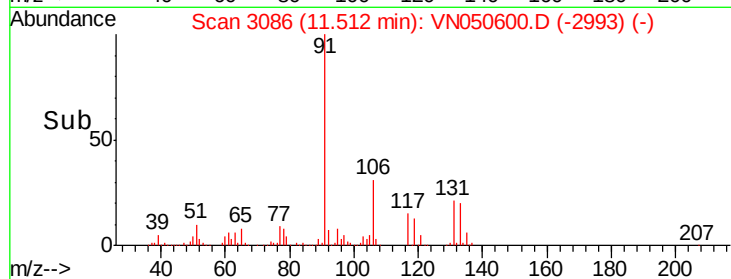
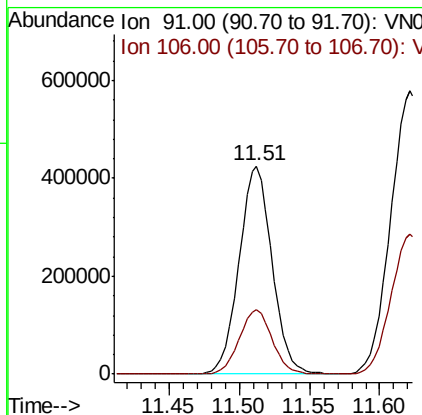
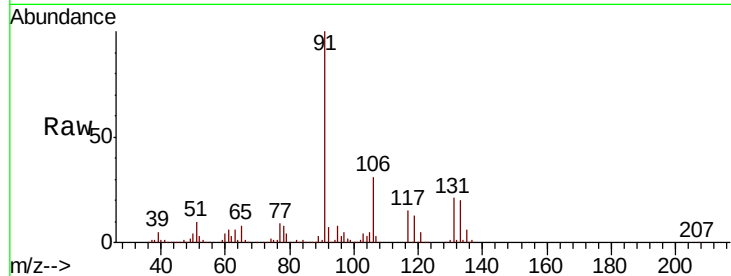




#67
Ethyl Benzene
Concen: 22.347 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

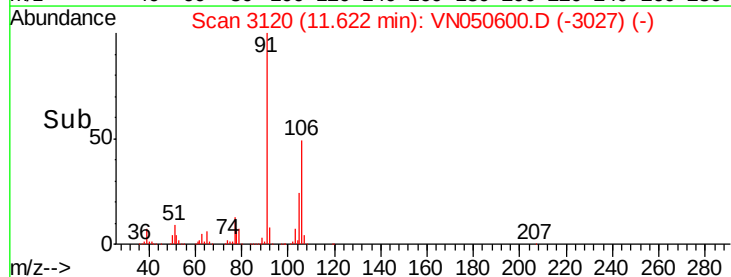
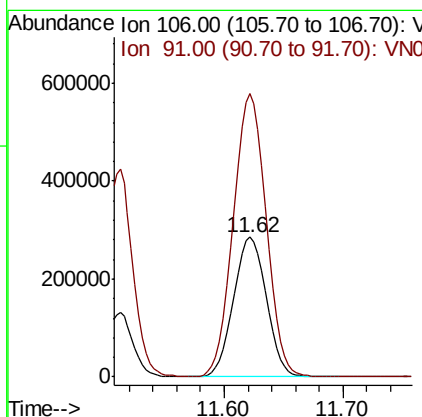
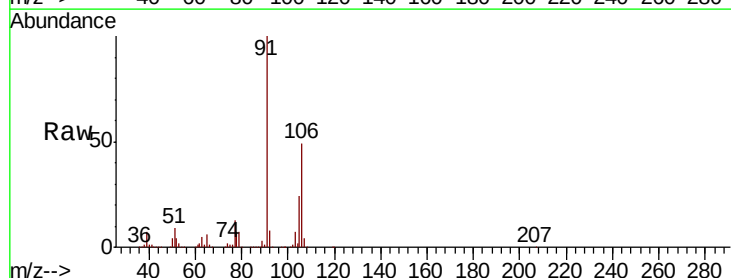
Instrument :
MSVOA_N
ClientSampled :
VN0814WBSD01

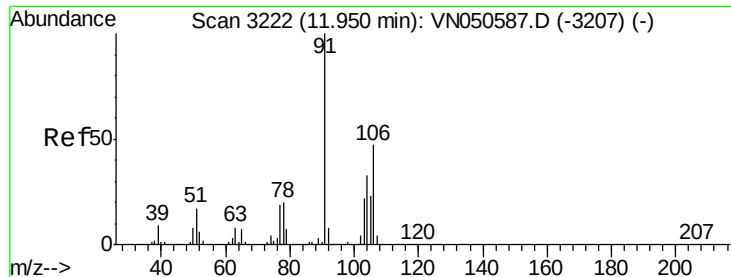
Tgt Ion: 91 Resp: 696615
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 45.913 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion: 106 Resp: 547387
Ion Ratio Lower Upper
106 100
91 202.4 161.5 242.3

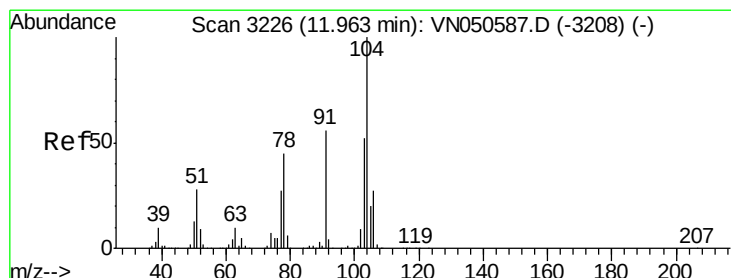
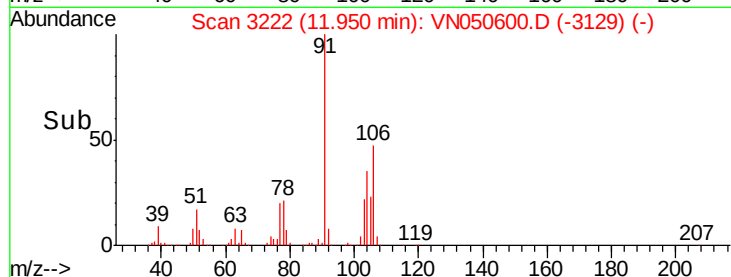
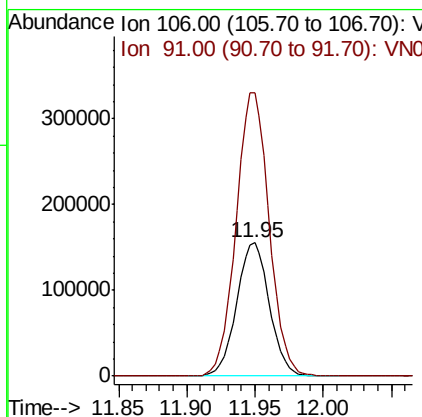
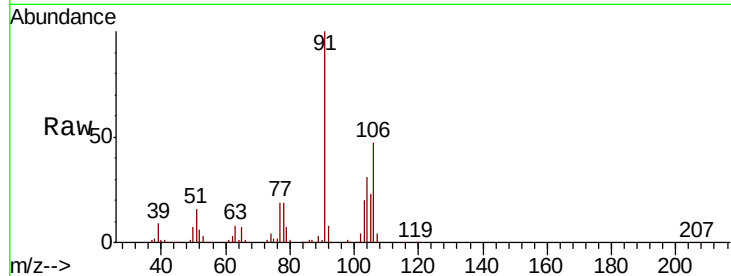




#69
o-Xylene
Concen: 22.770 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

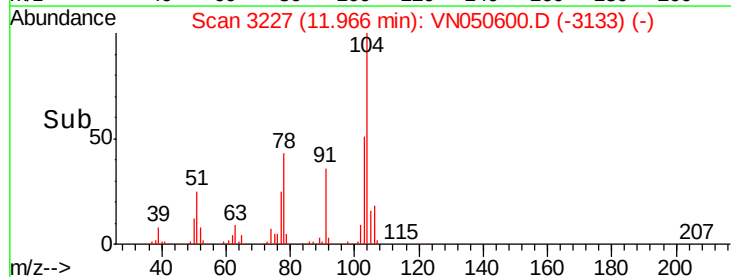
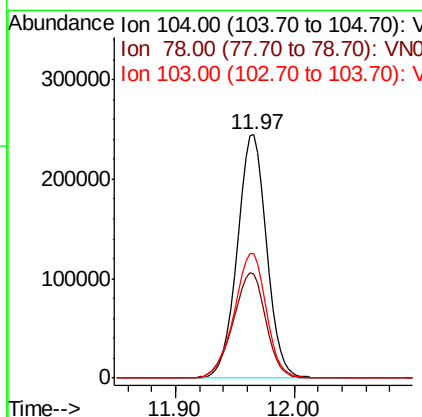
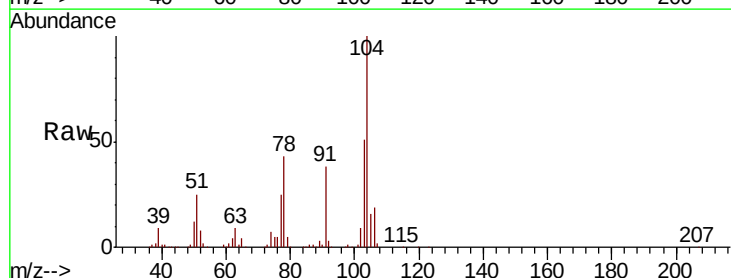
Instrument :
MSVOA_N
ClientSampled :
VN0814WBSD01

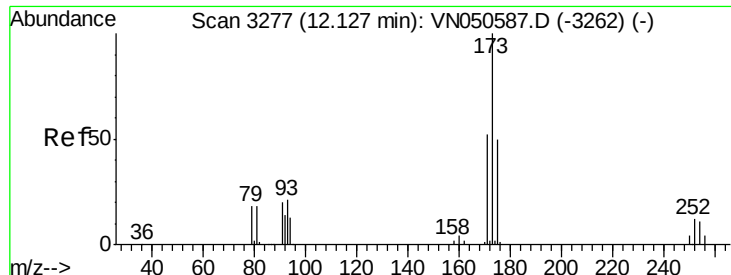
Tgt Ion:106 Resp: 258847
Ion Ratio Lower Upper
106 100
91 214.2 106.8 320.4



#70
Styrene
Concen: 21.250 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion:104 Resp: 418489
Ion Ratio Lower Upper
104 100
78 48.4 39.1 58.7
103 56.2 44.9 67.3

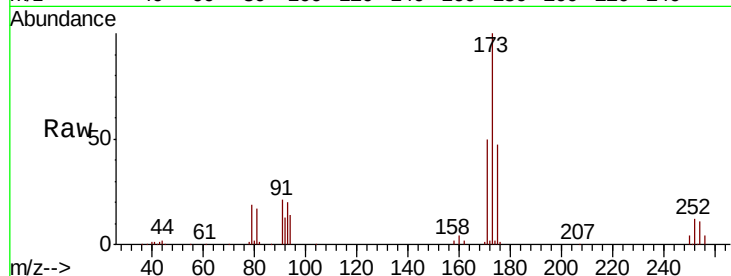




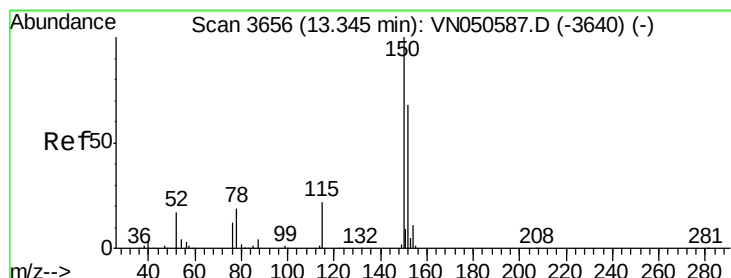
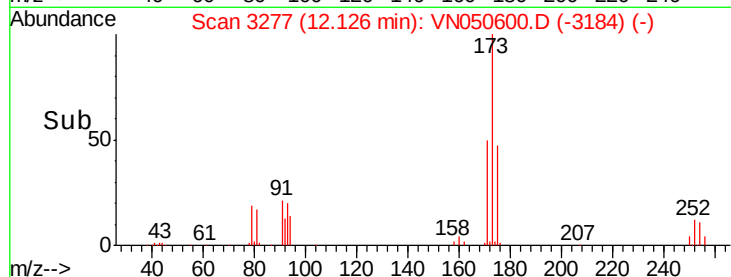
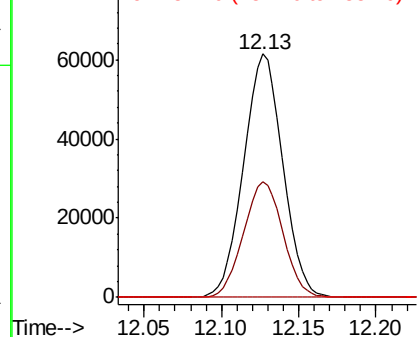
#71
 Bromoform
 Concen: 22.556 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

Tgt Ion:173 Resp: 108241
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.4 73.2
 254 0.1 0.0 0.0#

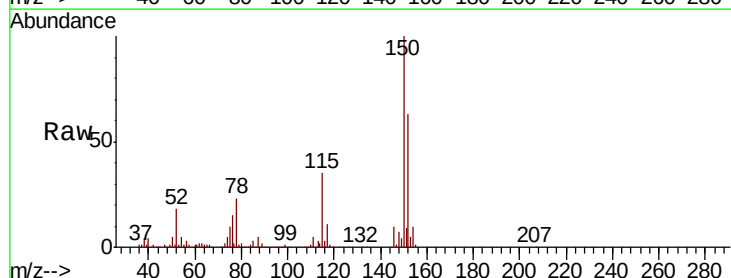


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

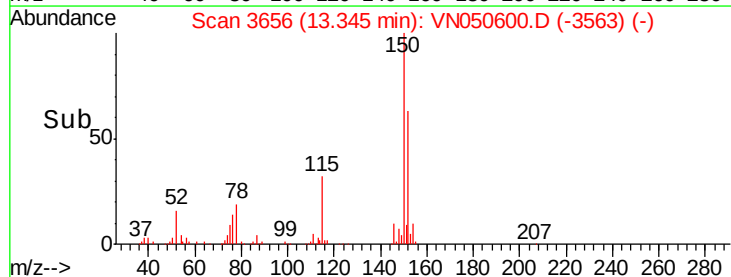
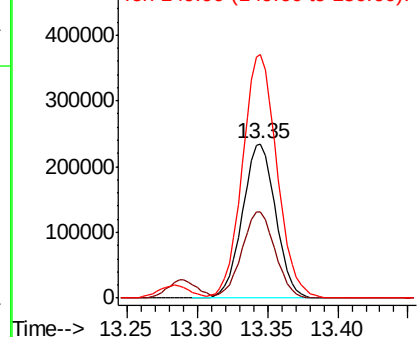


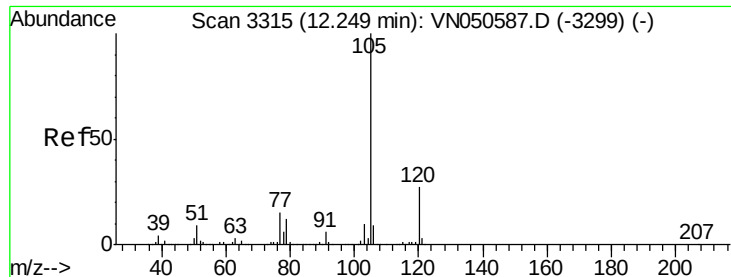
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion:152 Resp: 387079
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.1 84.2
 150 163.9 0.0 347.8



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: 22.435 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

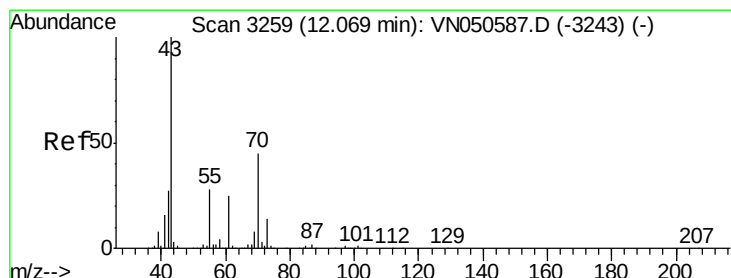
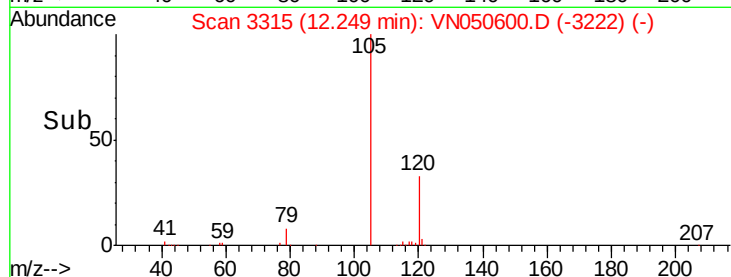
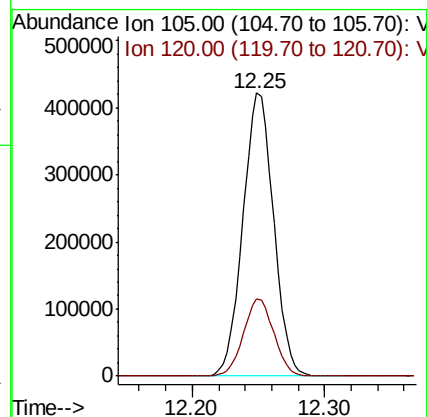
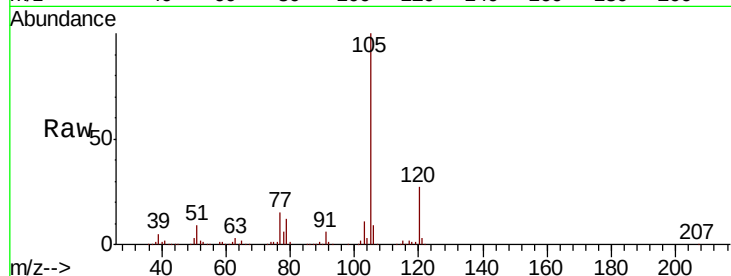
VN0814WBSD01

Tgt Ion:105 Resp: 678503

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 22.202 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Tgt Ion: 43 Resp: 174692

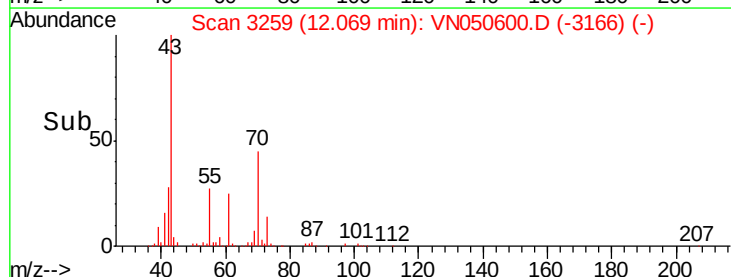
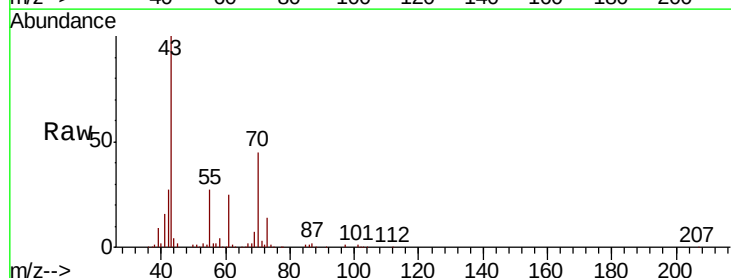
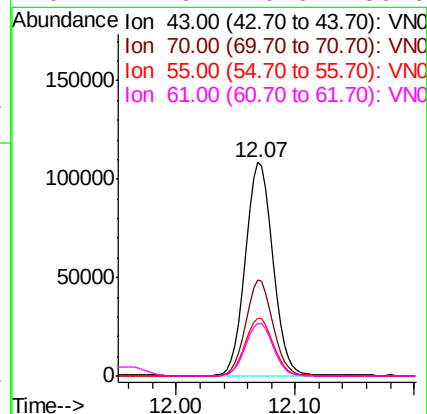
Ion Ratio Lower Upper

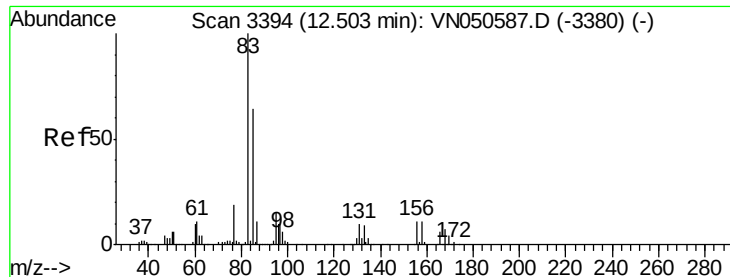
43 100

70 44.5 35.9 53.9

55 27.9 22.2 33.4

61 24.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.866 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

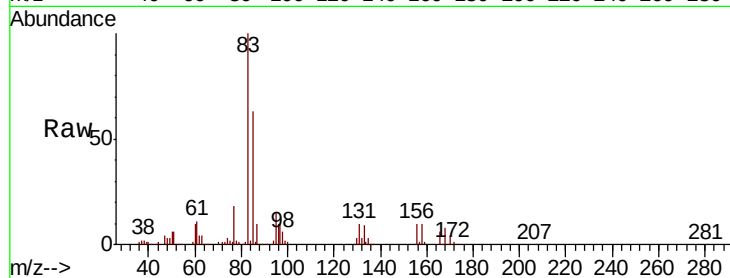
Tgt Ion: 83 Resp: 176101

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

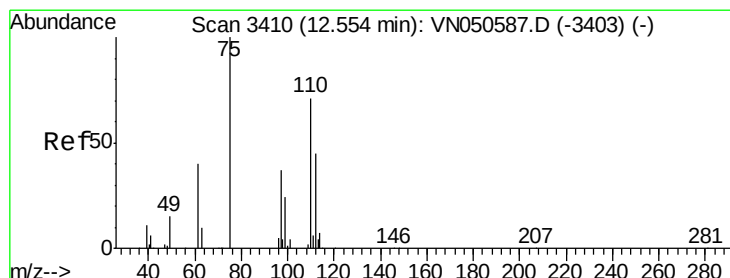
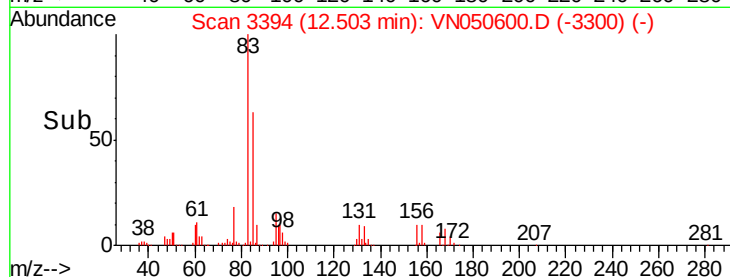
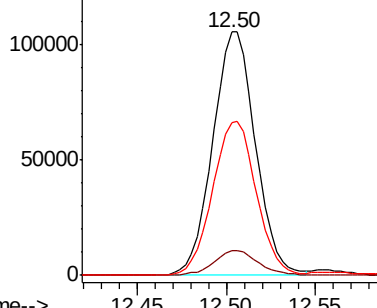
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 22.787 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050600.D

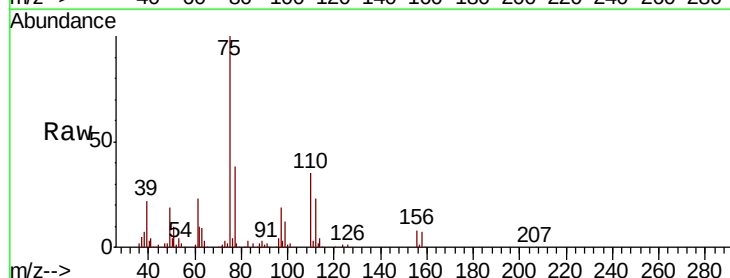
Acq: 14 Aug 2018 14:22

Tgt Ion: 75 Resp: 146002

Ion Ratio Lower Upper

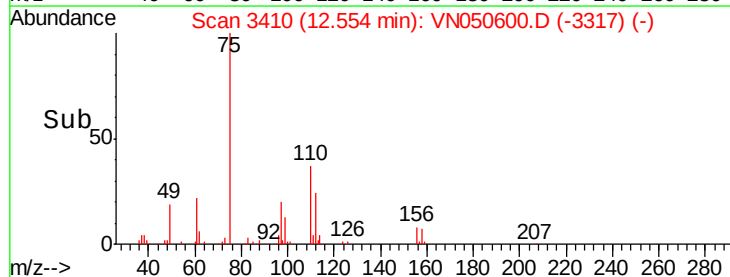
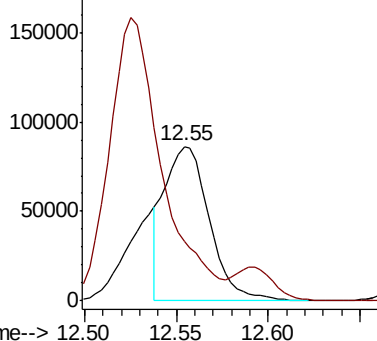
75 100

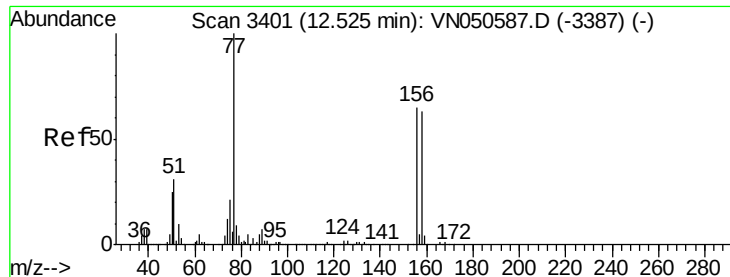
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.652 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD01

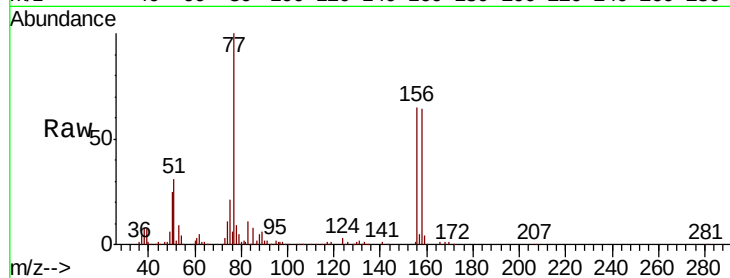
Tgt Ion:156 Resp: 177780

Ion Ratio Lower Upper

156 100

77 178.1 89.0 267.1

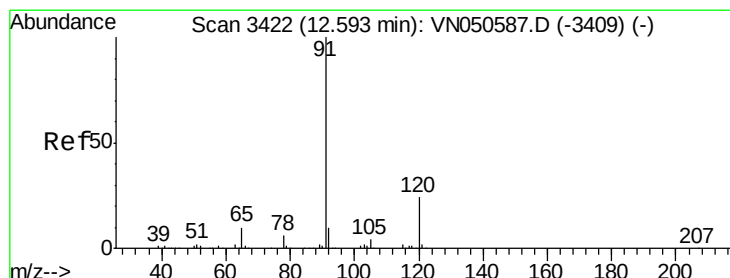
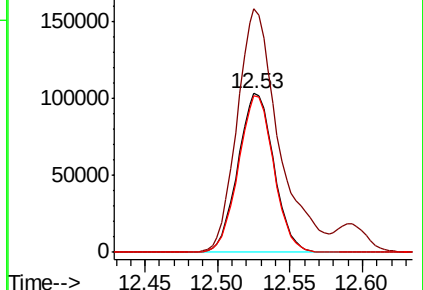
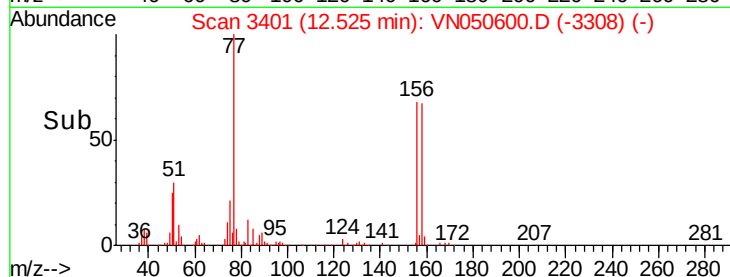
158 96.9 48.5 145.6



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: 22.728 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050600.D

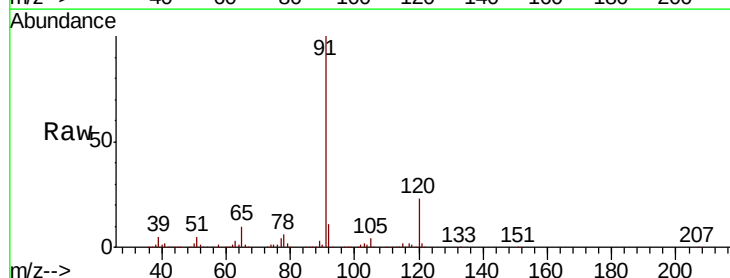
Acq: 14 Aug 2018 14:22

Tgt Ion: 91 Resp: 766481

Ion Ratio Lower Upper

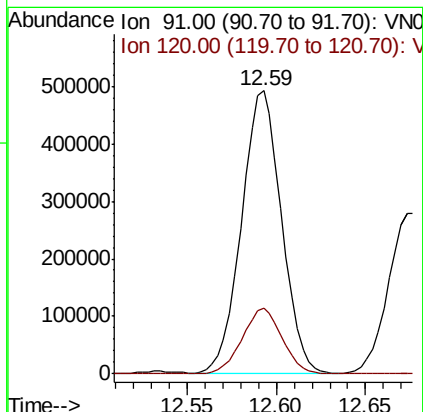
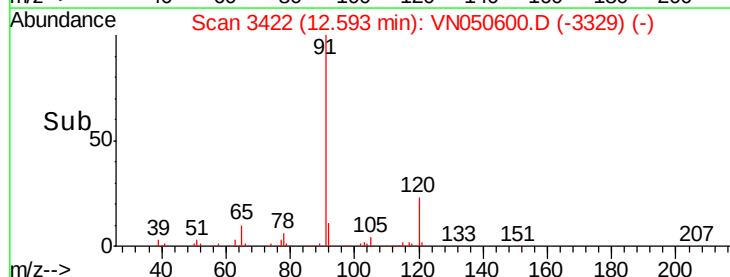
91 100

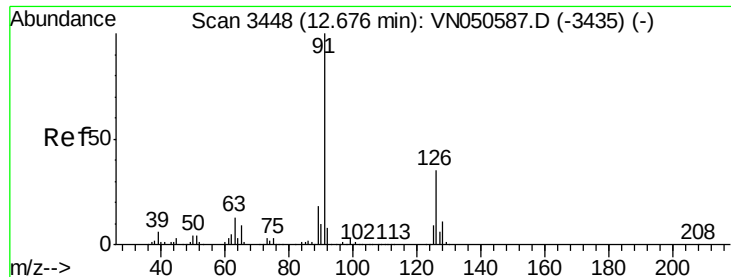
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.366 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

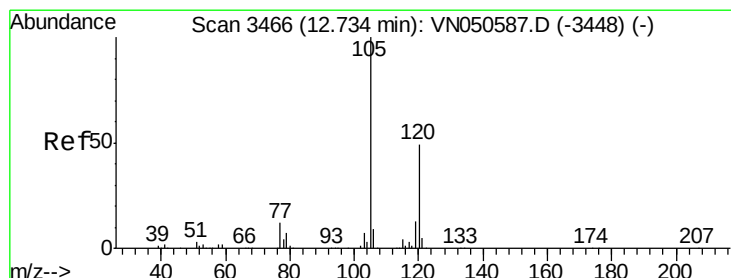
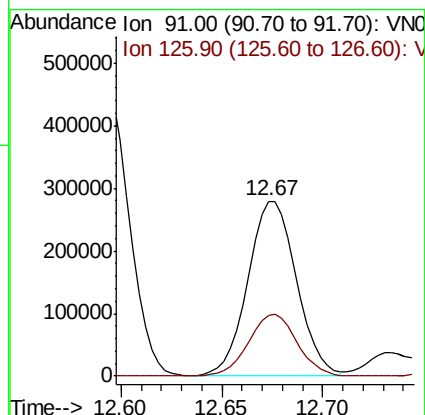
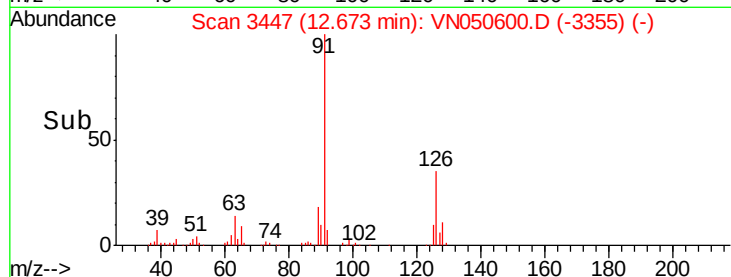
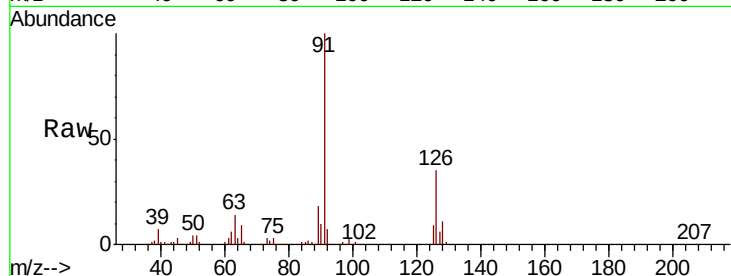
VN0814WBSD01

Tgt Ion: 91 Resp: 470243

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 23.198 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050600.D

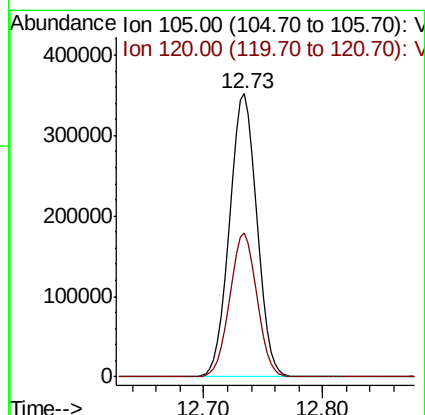
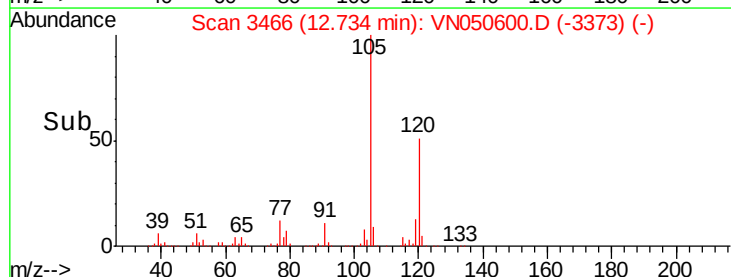
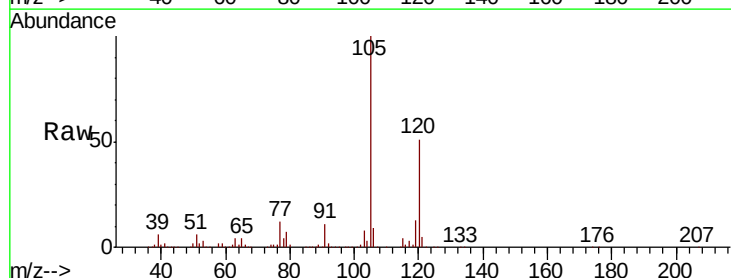
Acq: 14 Aug 2018 14:22

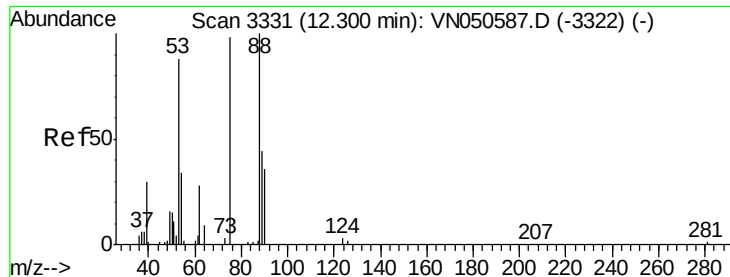
Tgt Ion: 105 Resp: 561711

Ion Ratio Lower Upper

105 100

120 50.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 22.765 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0814WBSD01

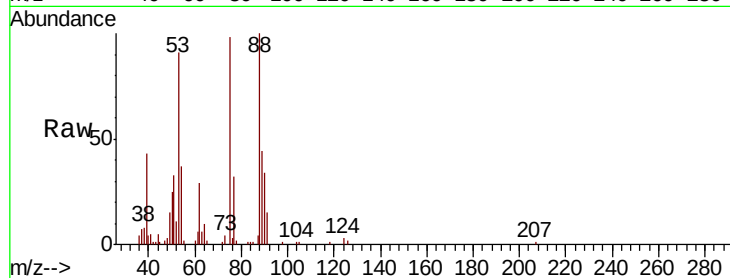
Tgt Ion: 75 Resp: 39635

Ion Ratio Lower Upper

75 100

53 95.0 72.2 108.2

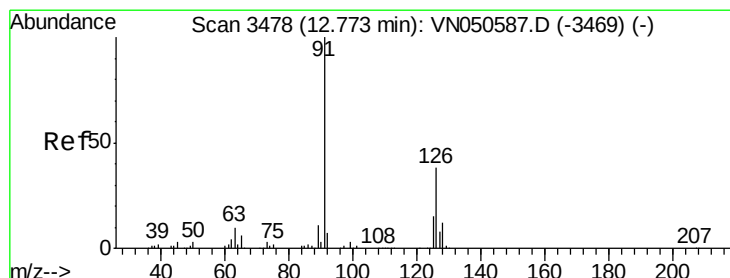
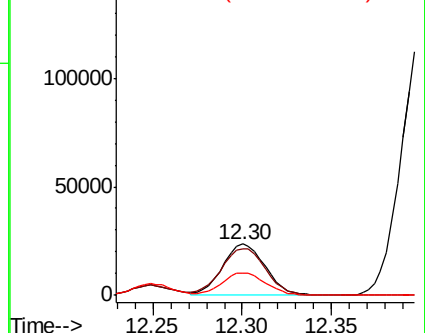
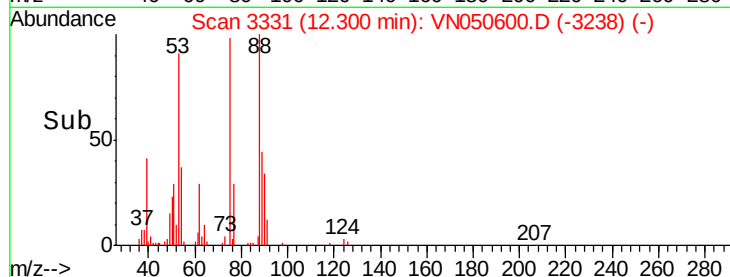
89 44.2 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 22.472 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050600.D

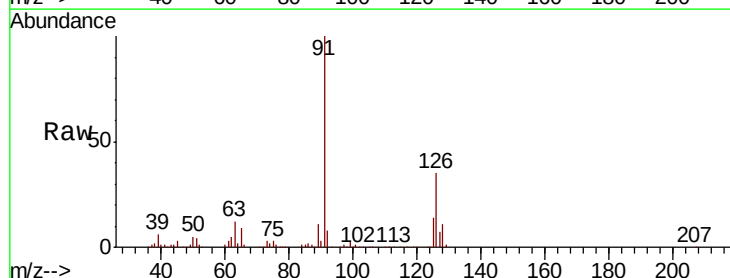
Acq: 14 Aug 2018 14:22

Tgt Ion: 91 Resp: 466908

Ion Ratio Lower Upper

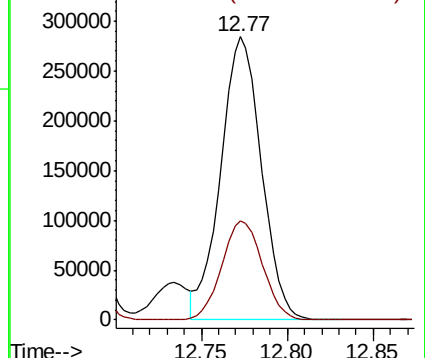
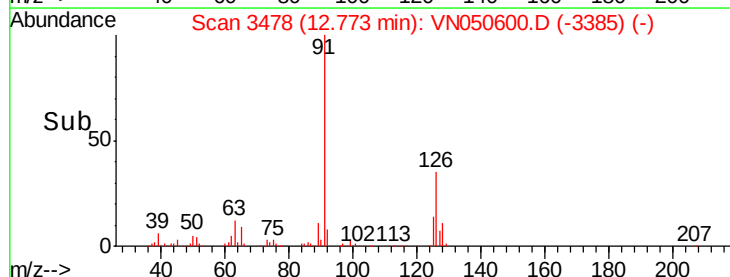
91 100

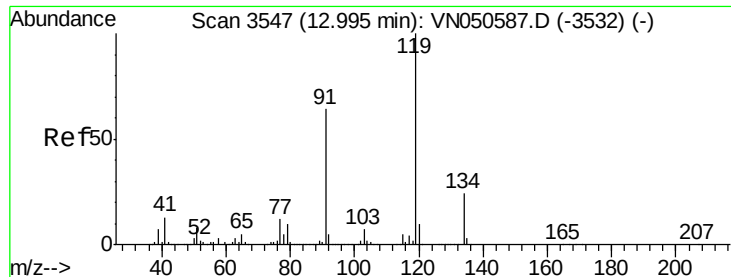
126 35.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

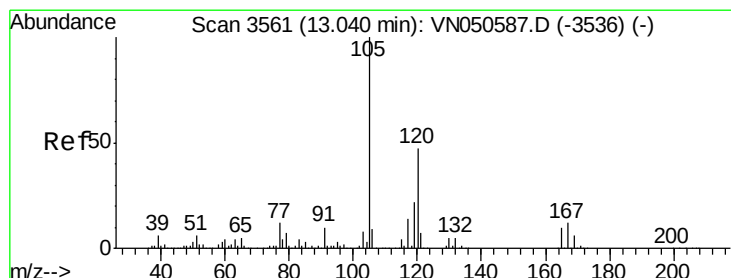
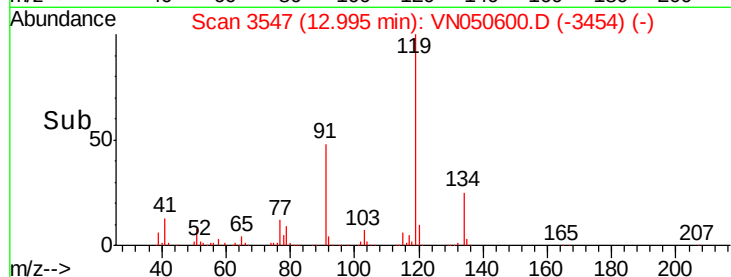
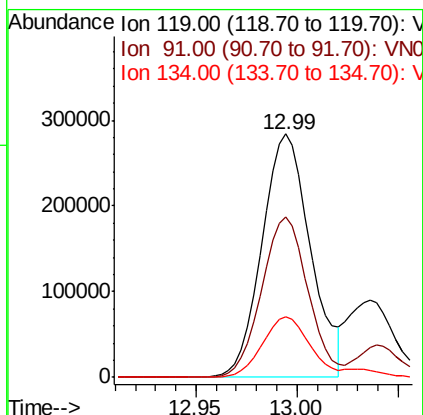
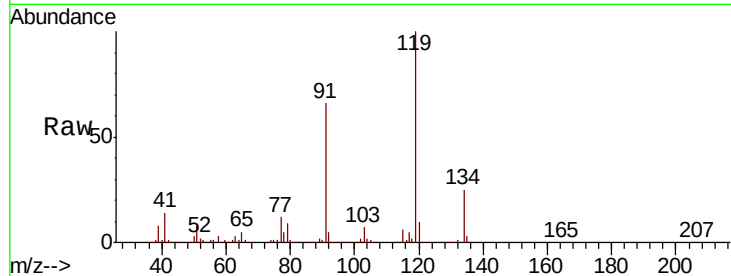




#83
 tert-Butylbenzene
 Concen: 22.664 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

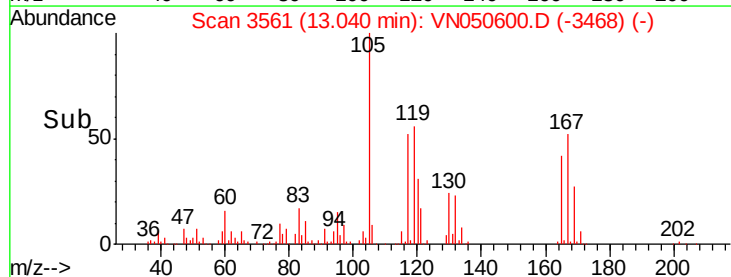
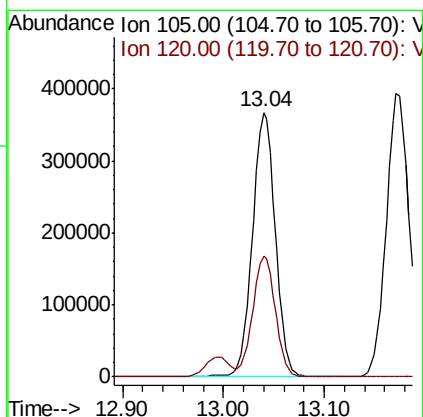
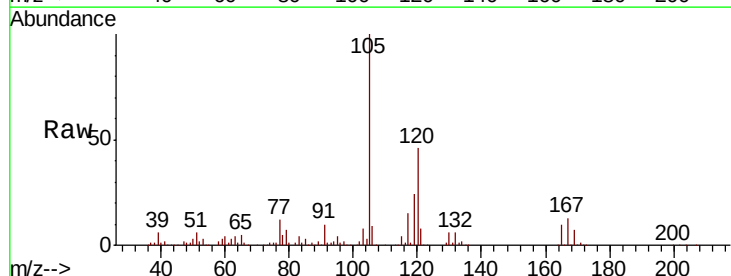
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBSD01

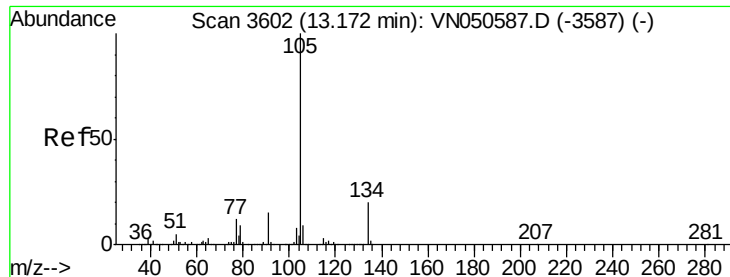
Tgt Ion:119 Resp: 476367
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.2 96.6
 134 24.5 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 23.513 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion:105 Resp: 571459
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 22.741 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

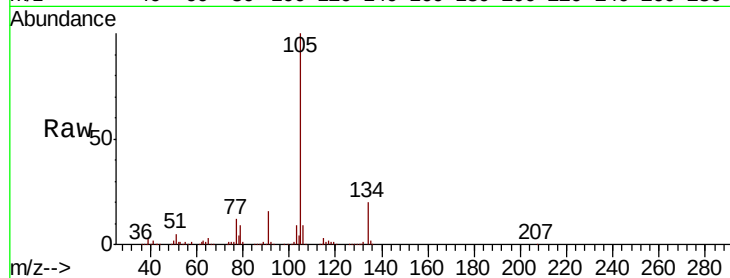
VN0814WBSD01

Tgt Ion:105 Resp: 624638

Ion Ratio Lower Upper

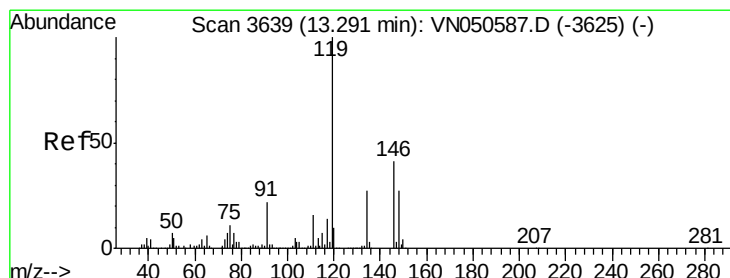
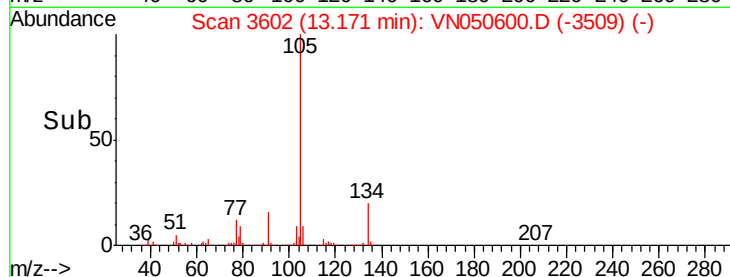
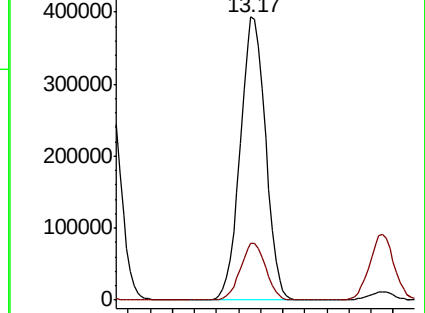
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.771 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

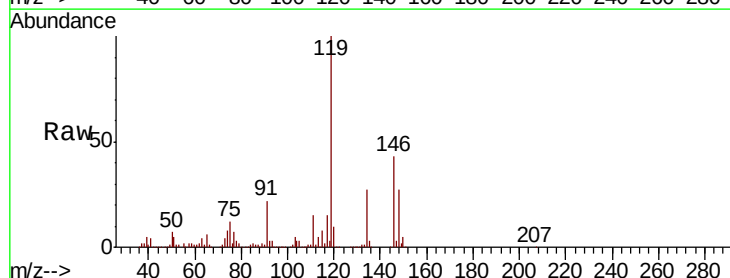
Tgt Ion:119 Resp: 529999

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

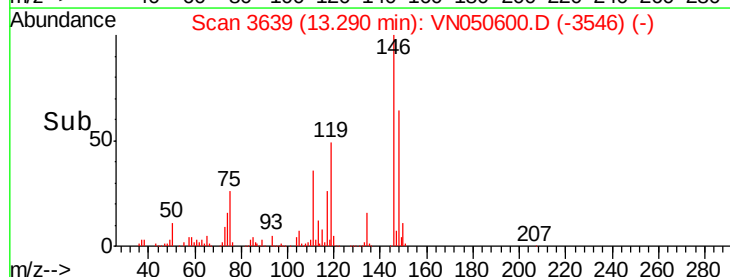
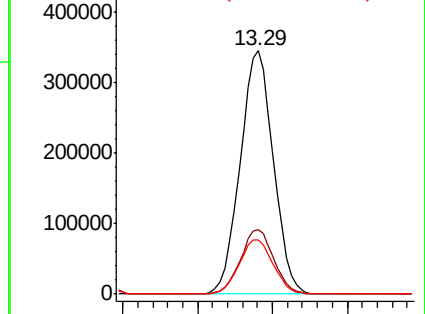
91 22.8 11.2 33.6

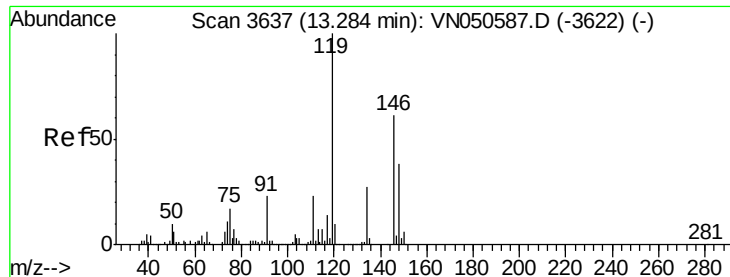


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

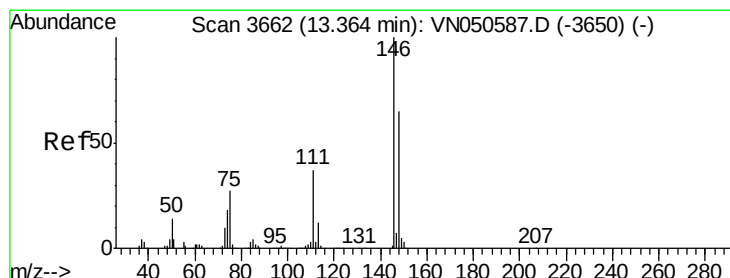
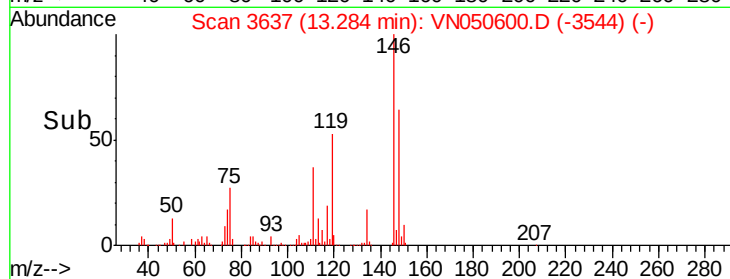
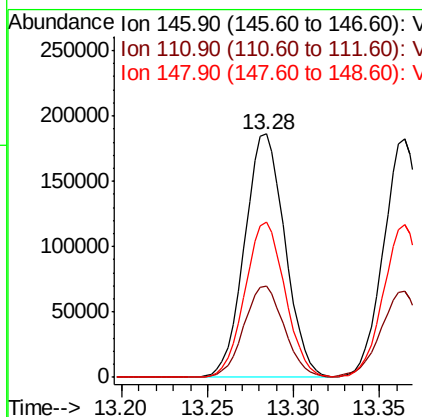
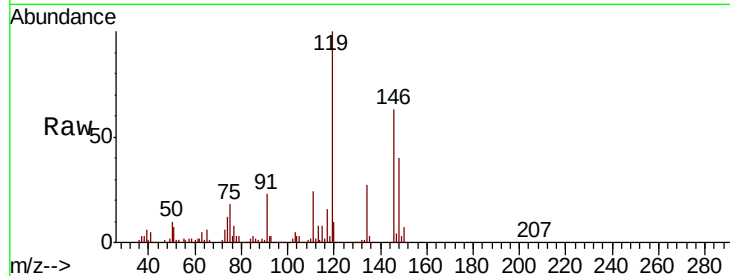




#87
 1,3-Dichlorobenzene
 Concen: 21.774 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

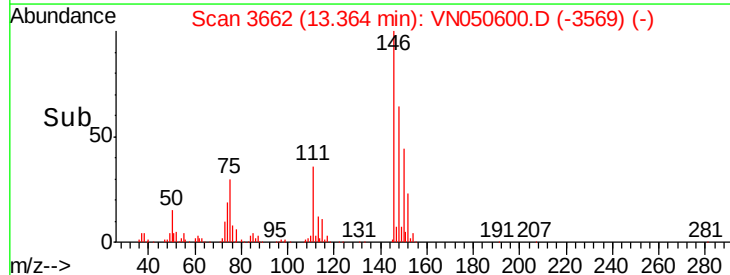
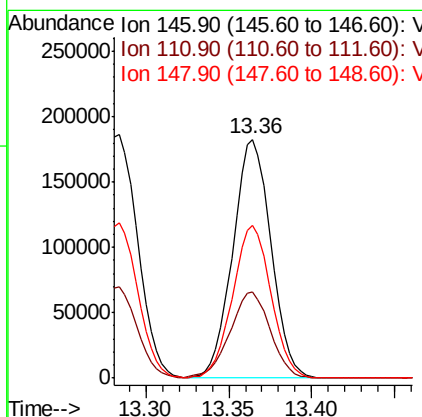
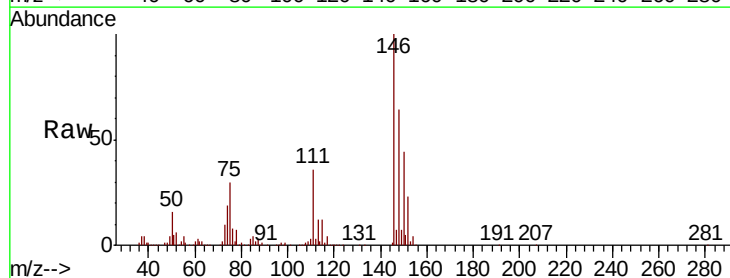
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

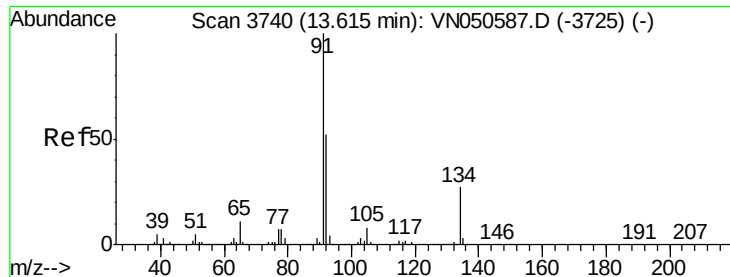
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.2	57.6
148	63.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.110 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.4
148	64.3	32.3	96.8





#89

n-Butylbenzene

Concen: 21.576 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050600.D

Acq: 14 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0814WBSD01

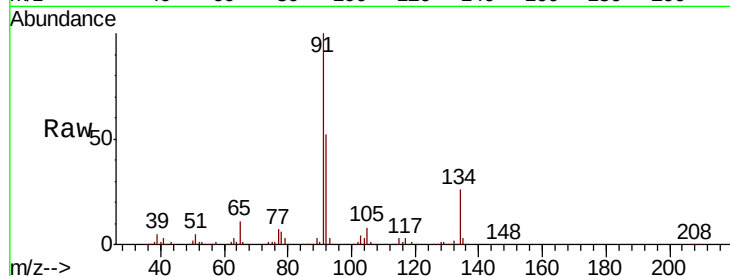
Tgt Ion: 91 Resp: 405502

Ion Ratio Lower Upper

91 100

92 51.1 26.3 78.8

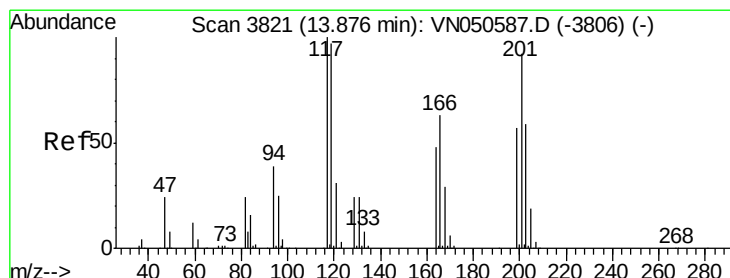
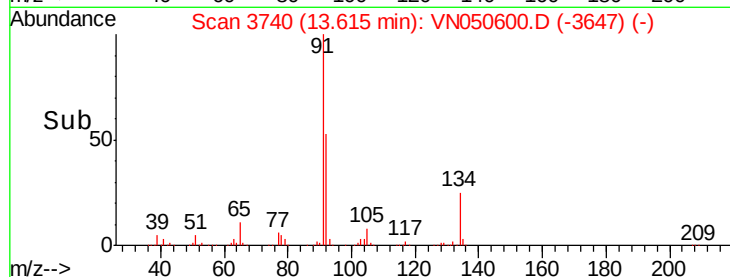
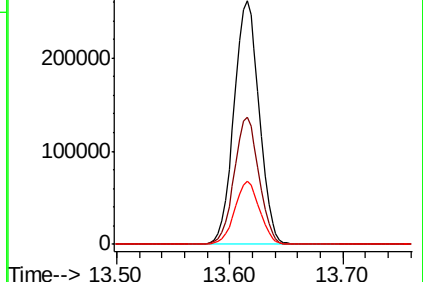
134 25.4 13.3 39.9



Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN050587.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN050587.D (-3725) (-)



#90

Hexachloroethane

Concen: 20.792 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN050600.D

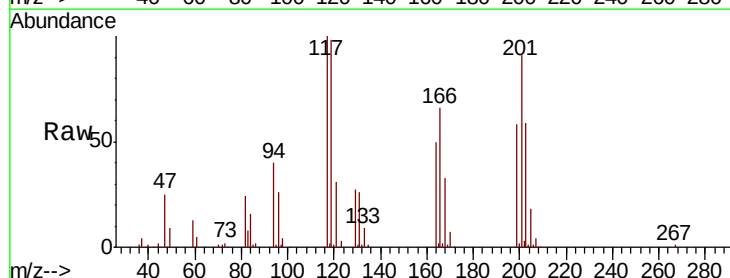
Acq: 14 Aug 2018 14:22

Tgt Ion: 117 Resp: 97310

Ion Ratio Lower Upper

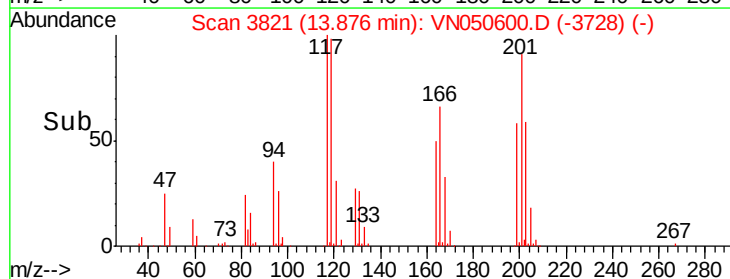
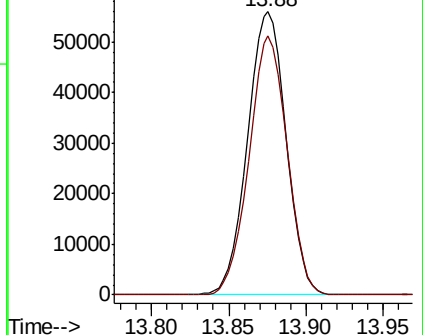
117 100

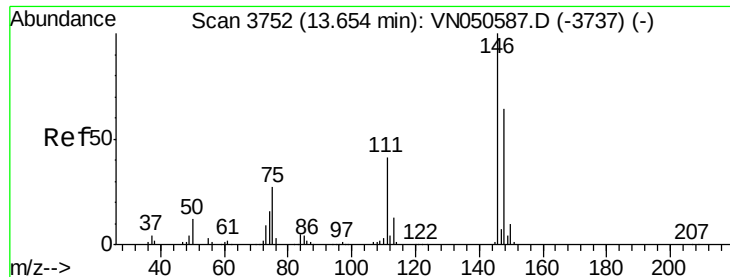
201 90.0 45.5 136.5



Abundance Ion 116.80 (116.50 to 117.50): VN050587.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN050587.D (-3806) (-)

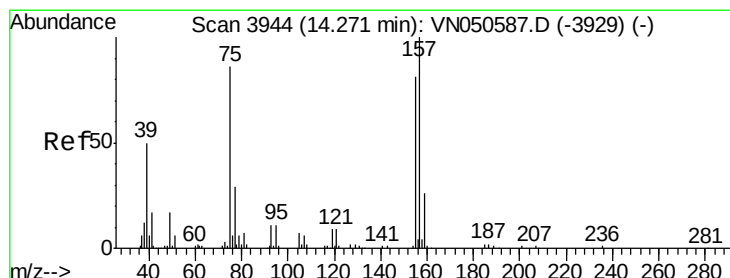
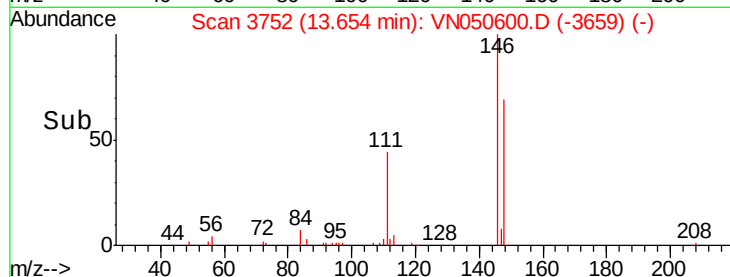
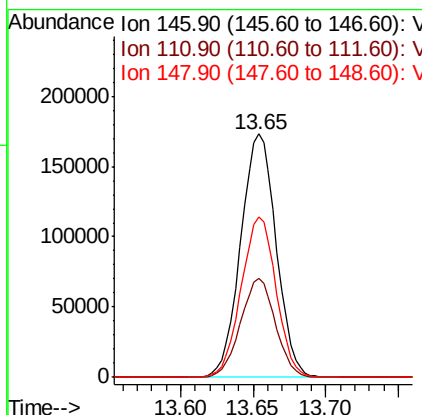
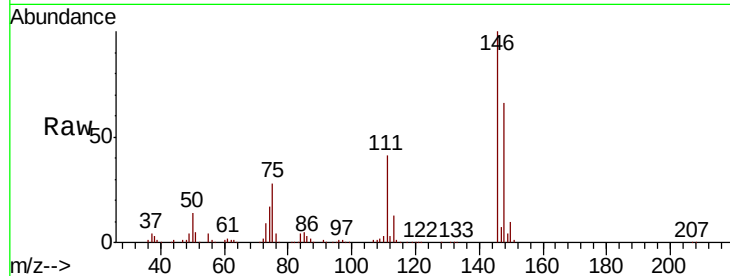




#91
 1,2-Dichlorobenzene
 Concen: 21.567 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

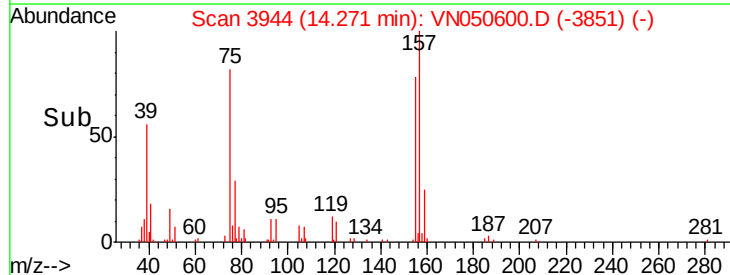
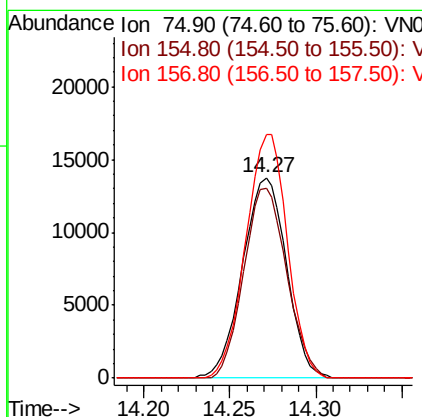
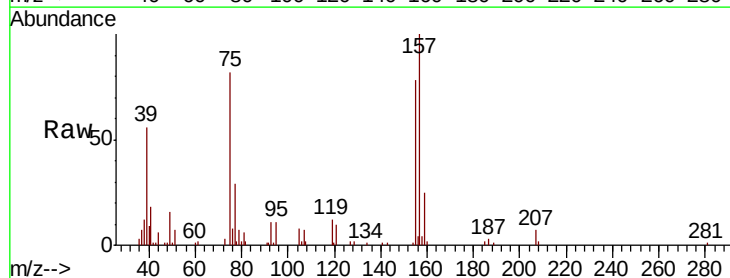
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

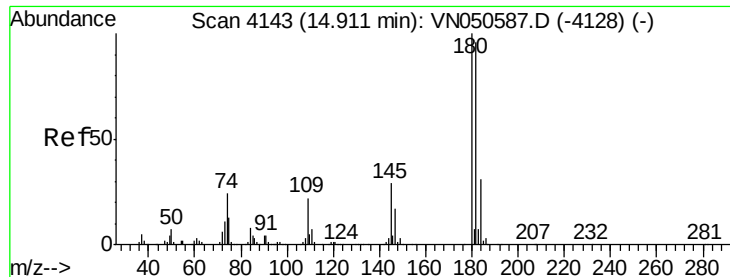
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	65.0	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.616 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	46.6	139.8
157	114.9	58.1	174.2

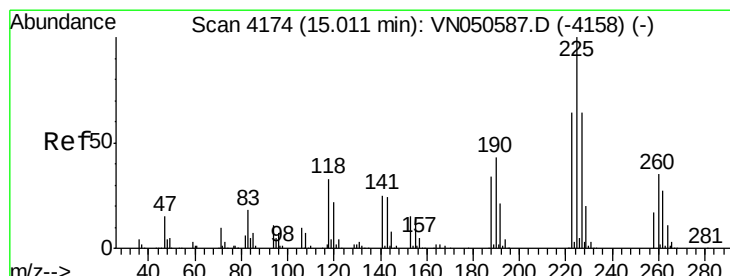
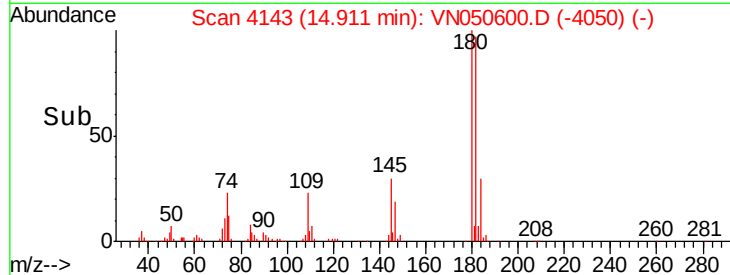
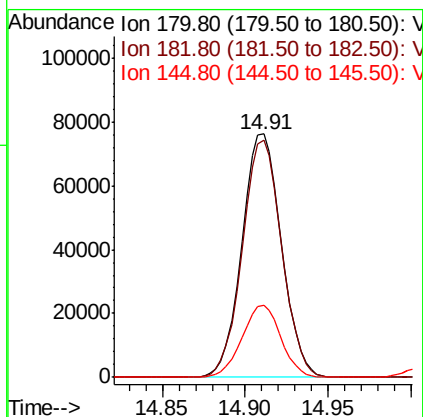
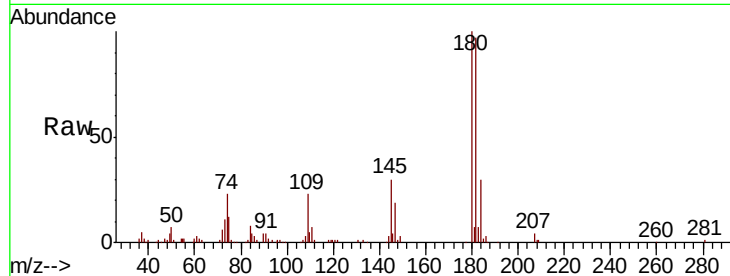




#93
 1,2,4-Trichlorobenzene
 Concen: 19.741 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

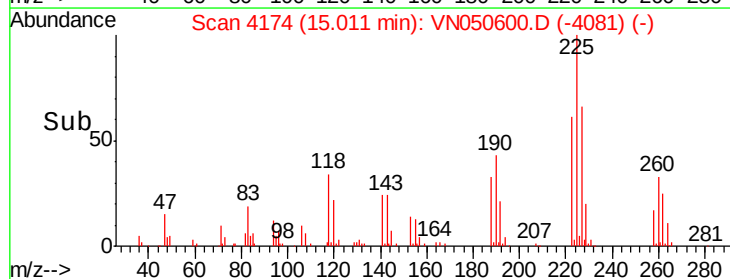
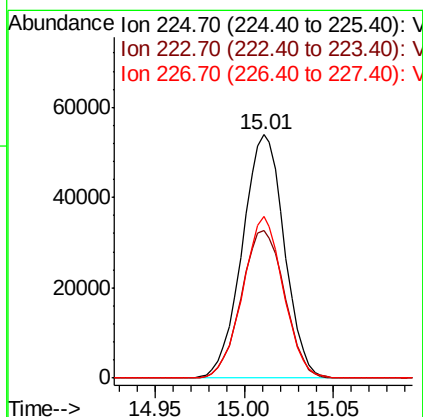
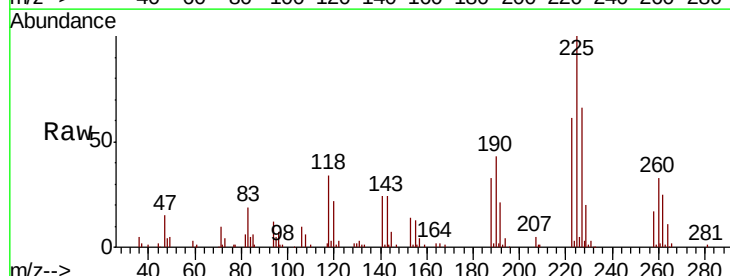
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

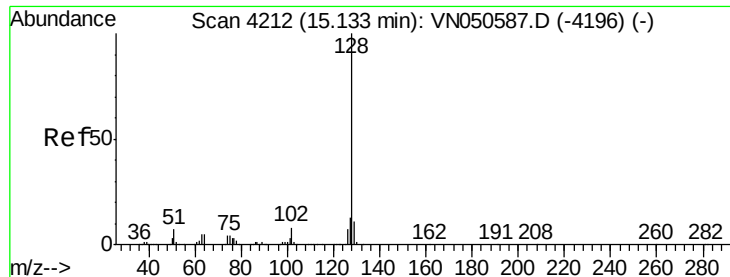
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.9	143.7
145	29.2	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 21.136 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050600.D
 Acq: 14 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.3
227	64.3	32.0	96.2

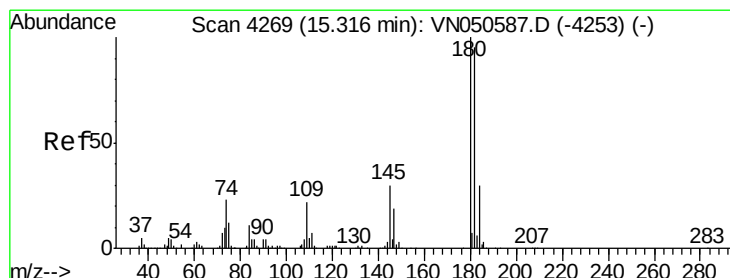
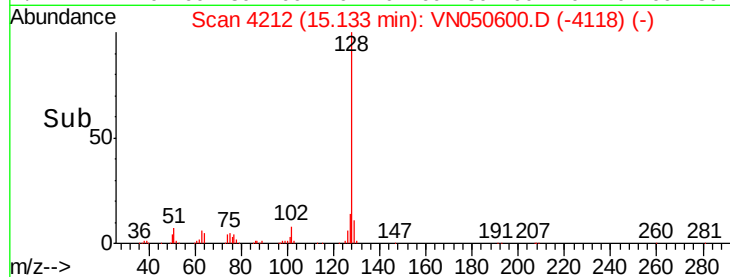
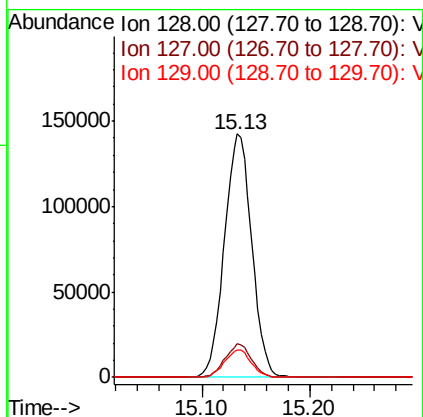
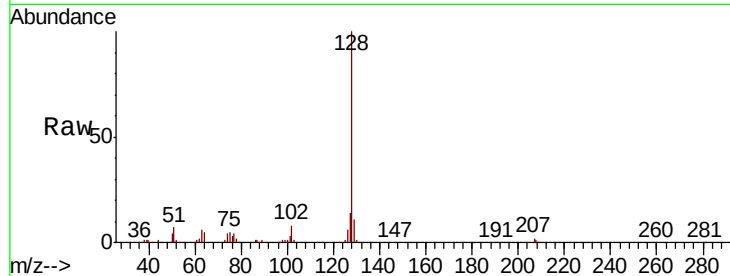




#95
Naphthalene
Concen: 19.453 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD01

Tgt Ion:128 Resp: 251570
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.425 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.00 min
Lab File: VN050600.D
Acq: 14 Aug 2018 14:22

Tgt Ion:180 Resp: 125723
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 30.6 14.6 44.0

