

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050426.D
 Acq On : 7 Aug 2018 12:57
 Operator : MD\SY
 Sample : VN0807MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

Quant Time: Aug 08 05:21:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	936429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	431360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424364	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	7.59	113	378938	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.09	98	1416449	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	455489	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	138084	19.47	ug/l	100
3) Chloromethane	2.06	50	170277	19.43	ug/l	99
4) Vinyl Chloride	2.18	62	181007	19.72	ug/l	97
5) Bromomethane	2.56	94	103254	23.29	ug/l	95
6) Chloroethane	2.70	64	108033	19.10	ug/l	99
7) Trichlorofluoromethane	3.01	101	235098	19.83	ug/l	99
8) Diethyl Ether	3.41	74	79981	18.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	143457	19.58	ug/l	99
10) Methyl Iodide	3.95	142	65758	20.37	ug/l	99
11) Tert butyl alcohol	4.80	59	52905	77.17	ug/l #	90
12) 1,1-Dichloroethene	3.73	96	130599	18.91	ug/l	98
13) Acrolein	3.61	56	70036	88.82	ug/l	98
14) Allyl chloride	4.32	41	202689	18.28	ug/l	100
15) Acrylonitrile	4.99	53	255973	89.13	ug/l	100
16) Acetone	3.82	43	229570	89.97	ug/l	100
17) Carbon Disulfide	4.05	76	397880	17.72	ug/l	99
18) Methyl Acetate	4.33	43	122350	18.38	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	360292	18.38	ug/l	99
20) Methylene Chloride	4.55	84	157686	19.31	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	141700	18.96	ug/l	99
22) Diisopropyl ether	5.96	45	452645	19.98	ug/l	97
23) Vinyl Acetate	5.90	43	1507681	93.27	ug/l	100
24) 1,1-Dichloroethane	5.85	63	268939	19.35	ug/l	100
25) 2-Butanone	6.84	43	368614	87.16	ug/l	100
26) 2,2-Dichloropropane	6.83	77	218811	19.09	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	159692	19.28	ug/l	99
28) Bromochloromethane	7.20	49	122983	19.22	ug/l	99
29) Tetrahydrofuran	7.22	42	193699	85.57	ug/l	99
30) Chloroform	7.38	83	277445	19.96	ug/l	97
31) Cyclohexane	7.66	56	231649	18.54	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	233769	19.59	ug/l	100
36) 1,1-Dichloropropene	7.80	75	203777	19.81	ug/l	99
37) Ethyl Acetate	6.94	43	136183	18.38	ug/l	100
38) Carbon Tetrachloride	7.78	117	205807	19.17	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050426.D
 Acq On : 7 Aug 2018 12:57
 Operator : MD\SY
 Sample : VN0807MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

Quant Time: Aug 08 05:21:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	207878	18.51	ug/l	99
40) Benzene	8.04	78	631395	19.96	ug/l	99
41) Methacrylonitrile	7.18	41	71718	18.20	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	200086	19.92	ug/l	99
43) Isopropyl Acetate	8.17	43	239060	18.69	ug/l	99
44) Trichloroethene	8.84	130	163145	19.19	ug/l	96
45) 1,2-Dichloropropane	9.12	63	165307	19.88	ug/l	99
46) Dibromomethane	9.21	93	97880	19.06	ug/l	96
47) Bromodichloromethane	9.41	83	205709	19.34	ug/l	100
48) Methyl methacrylate	9.20	41	113172	17.65	ug/l	98
49) 1,4-Dioxane	9.20	88	31961	323.43	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	833629	90.50	ug/l	100
52) Toluene	10.16	92	381619	20.08	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	200796	18.80	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	233867	19.62	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	144078	19.42	ug/l	98
56) Ethyl methacrylate	10.43	69	168908	17.25	ug/l	99
57) 1,3-Dichloropropane	10.71	76	238566	19.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	410922	88.89	ug/l	99
59) 2-Hexanone	10.75	43	560545	87.19	ug/l	100
60) Dibromochloromethane	10.90	129	157338	19.25	ug/l	98
61) 1,2-Dibromoethane	11.01	107	138375	18.92	ug/l	97
64) Tetrachloroethene	10.63	164	161820	20.42	ug/l	99
65) Chlorobenzene	11.44	112	405730	19.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	155419	20.09	ug/l	99
67) Ethyl Benzene	11.51	91	674899	19.64	ug/l	99
68) m/p-Xylenes	11.62	106	530030	40.51	ug/l	100
69) o-Xylene	11.95	106	247779	19.66	ug/l	99
70) Styrene	11.97	104	410274	20.02	ug/l	99
71) Bromoform	12.13	173	106564	18.84	ug/l #	99
73) Isopropylbenzene	12.25	105	655502	20.24	ug/l	100
74) N-amyl acetate	12.07	43	187576	17.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	179198	19.18	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	211848	27.13	ug/l #	100
77) Bromobenzene	12.53	156	173840	20.04	ug/l	100
78) n-propylbenzene	12.59	91	751572	20.51	ug/l	100
79) 2-Chlorotoluene	12.68	91	459174	20.28	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	548988	20.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44619	20.08	ug/l	96
82) 4-Chlorotoluene	12.78	91	459962	20.38	ug/l	98
83) tert-Butylbenzene	12.99	119	458481	19.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	559891	21.03	ug/l	99
85) sec-Butylbenzene	13.17	105	620190	20.29	ug/l	99
86) p-Isopropyltoluene	13.29	119	531154	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	300764	19.47	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292861	18.98	ug/l	98
89) n-Butylbenzene	13.62	91	413951	18.56	ug/l	99
90) Hexachloroethane	13.88	117	91603	19.67	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	297549	19.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26209	16.52	ug/l	99

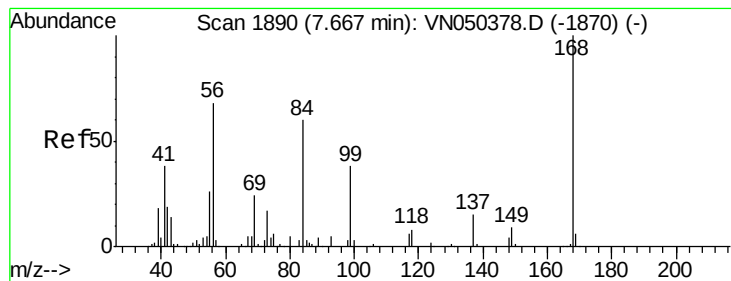
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
Data File : VN050426.D
Acq On : 7 Aug 2018 12:57
Operator : MD\SY
Sample : VN0807MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBS01

Quant Time: Aug 08 05:21:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	137886	17.48	ug/l	100
94) Hexachlorobutadiene	15.01	225	87665	19.34	ug/l	100
95) Naphthalene	15.14	128	283617	16.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	136619	17.13	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

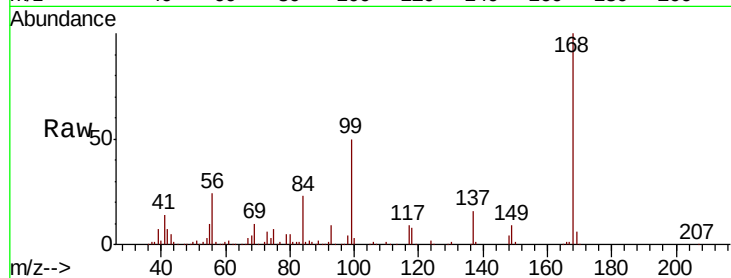
VN0807MBS01

Tot Ion:168 Resp: 638774

Ion Ratio Lower Upper

168 100

99 49.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

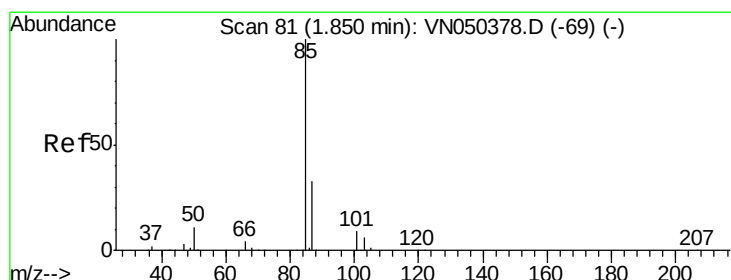
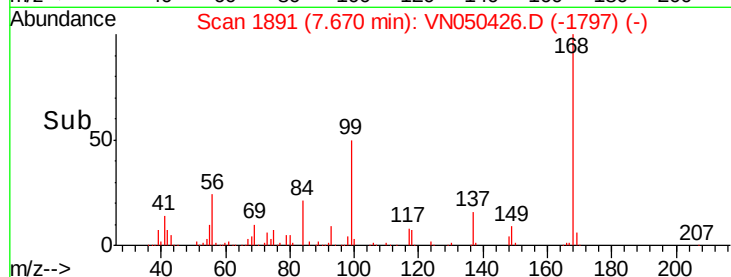
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 19.47 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050426.D

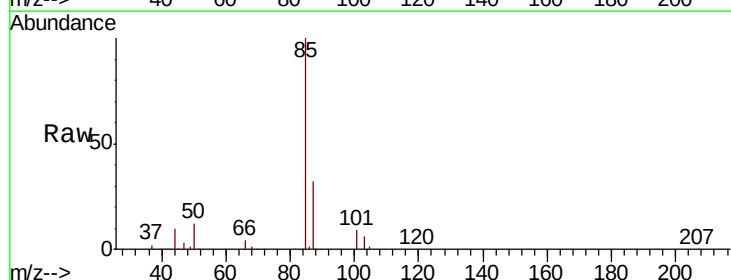
Acq: 7 Aug 2018 12:57

Tgt Ion: 85 Resp: 138084

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

100000

80000

60000

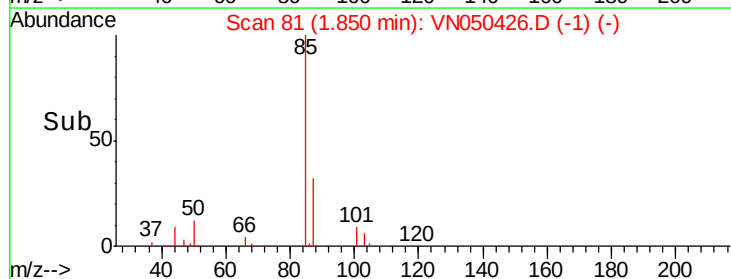
40000

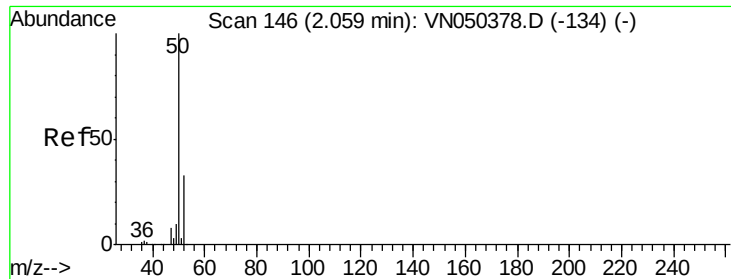
20000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 19.43 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

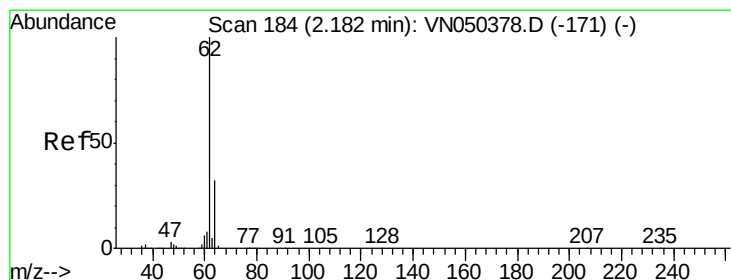
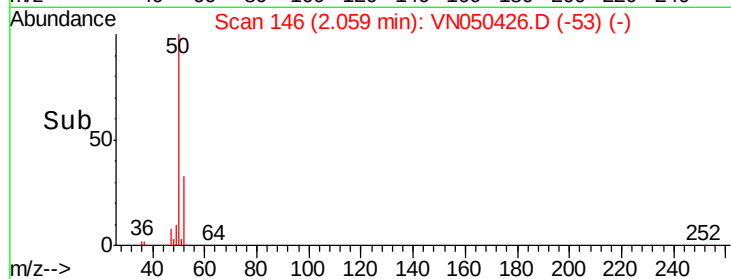
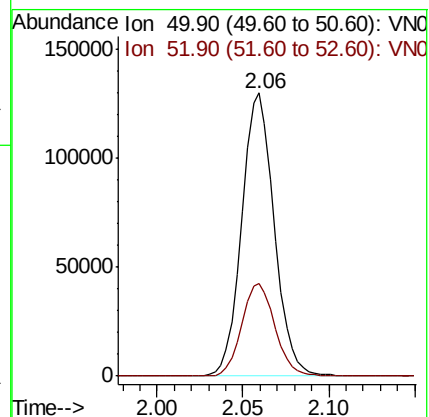
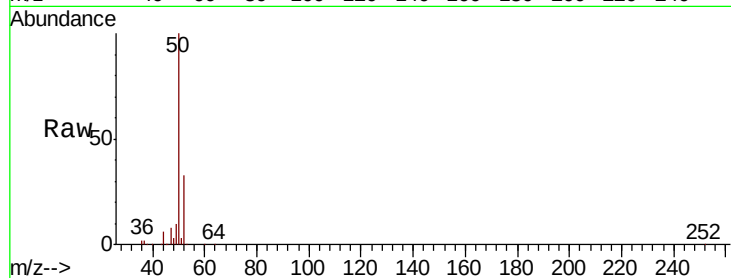
VN0807MBS01

Tot Ion: 50 Resp: 170277

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 19.72 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050426.D

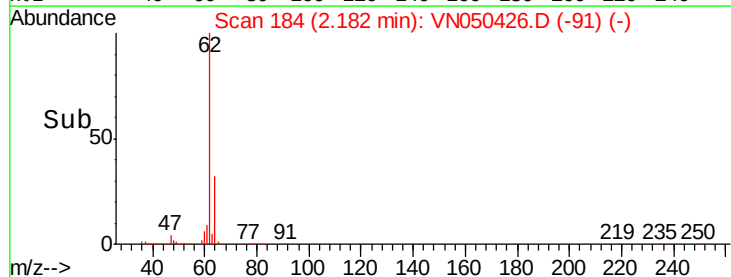
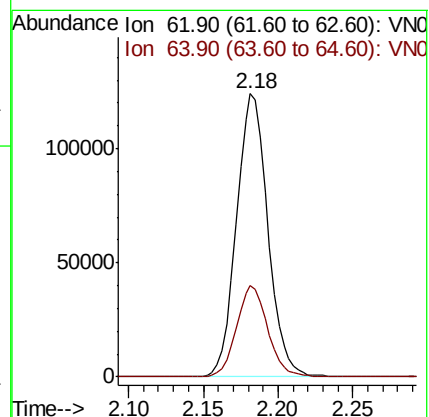
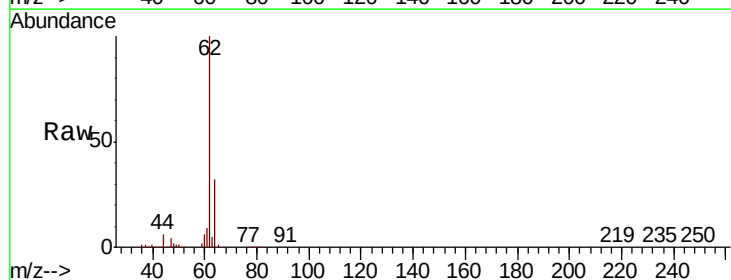
Acq: 7 Aug 2018 12:57

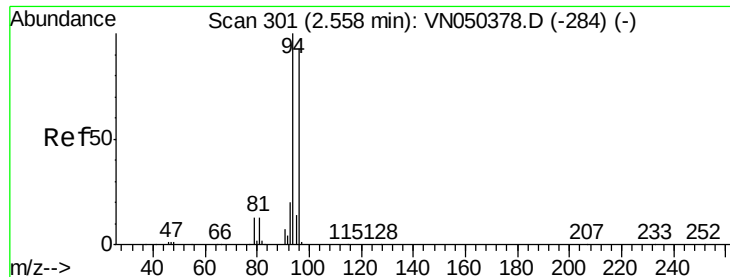
Tgt Ion: 62 Resp: 181007

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1





#5

Bromomethane

Concen: 23.29 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

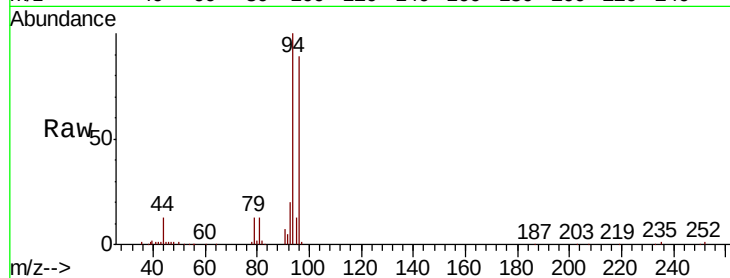
VN0807MBS01

Tot Ion: 94 Resp: 103254

Ion Ratio Lower Upper

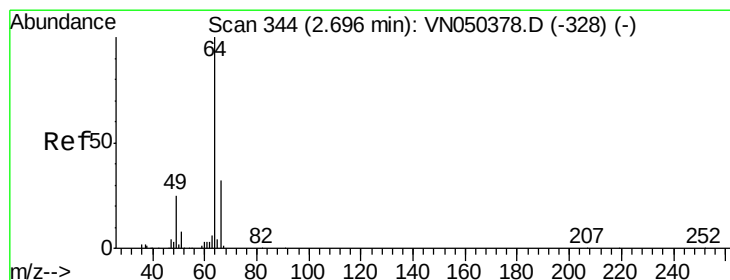
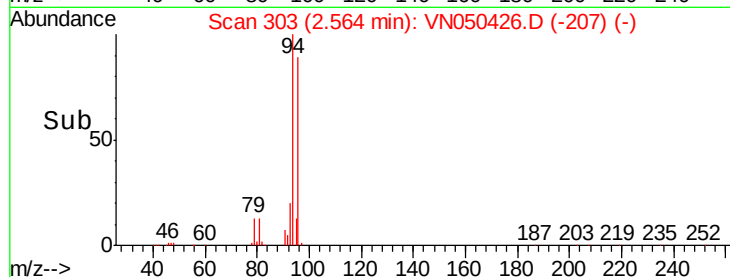
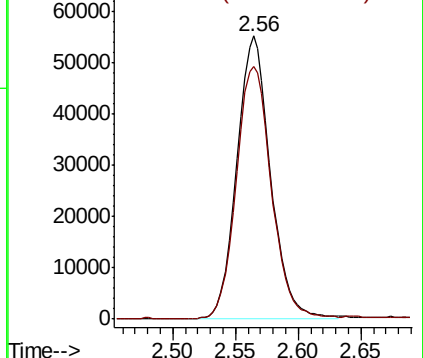
94 100

96 88.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.10 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050426.D

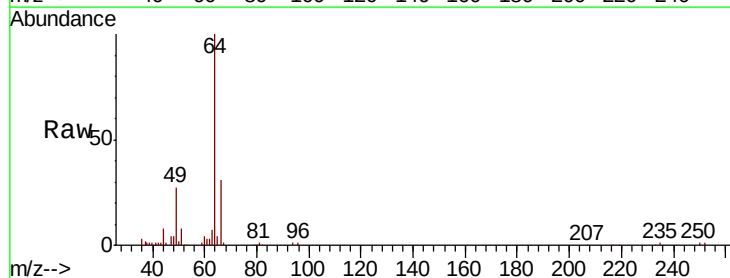
Acq: 7 Aug 2018 12:57

Tgt Ion: 64 Resp: 108033

Ion Ratio Lower Upper

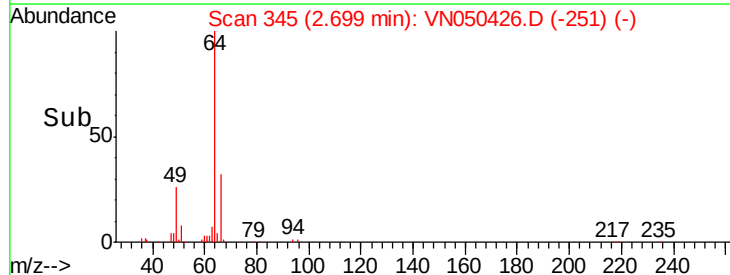
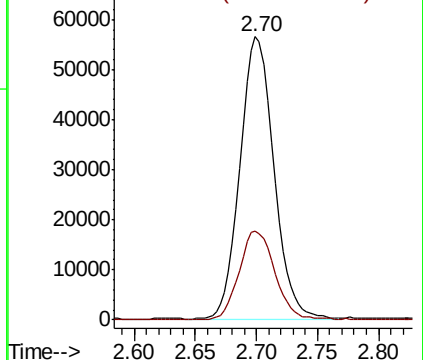
64 100

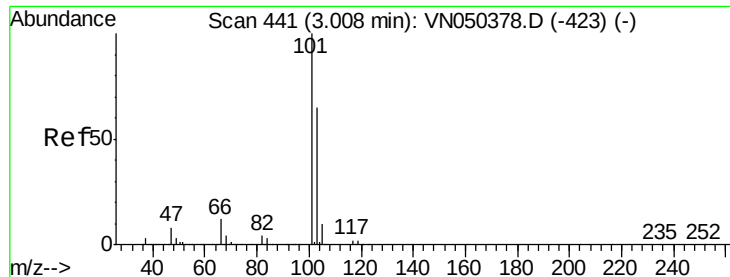
66 31.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



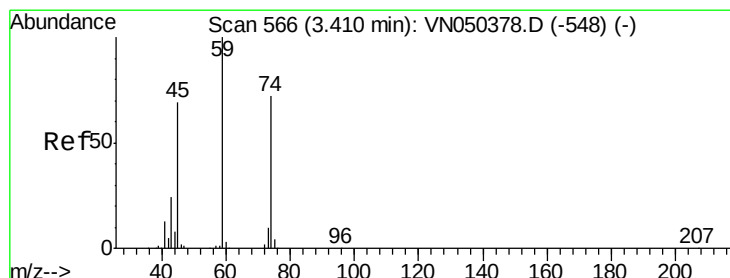
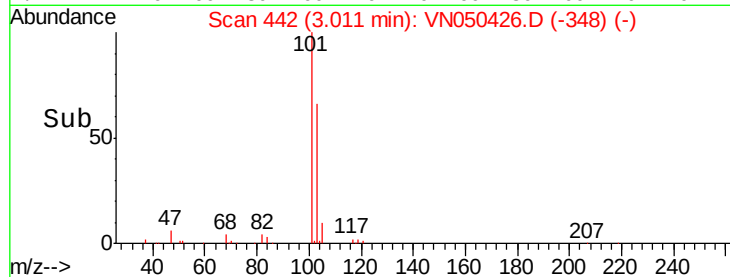
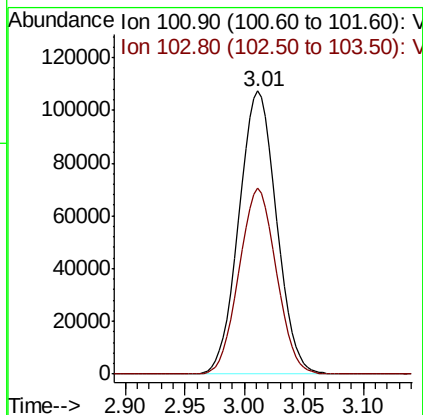
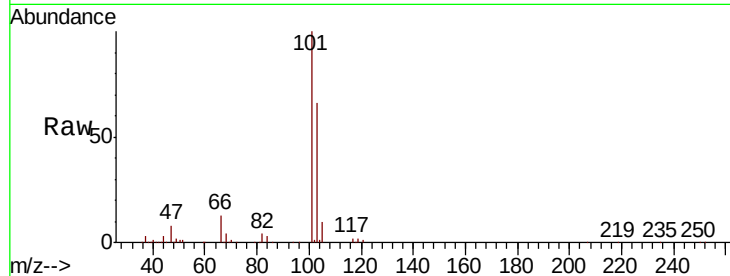


#7

Trichlorofluoromethane
 Concen: 19.83 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

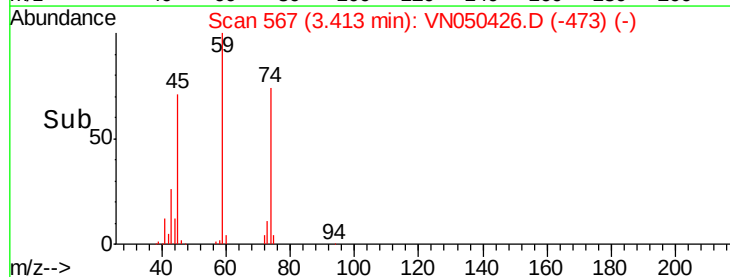
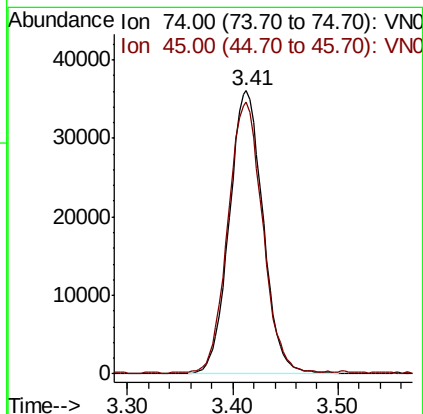
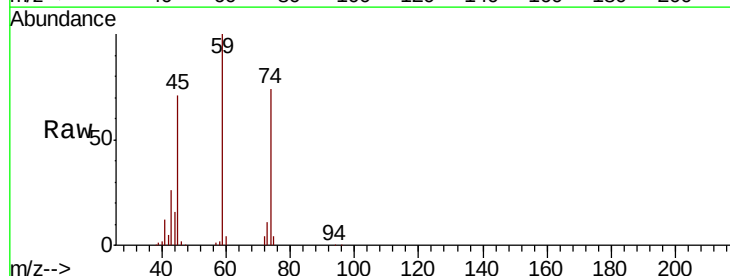
Tot Ion:101 Resp: 235098
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.7 77.5

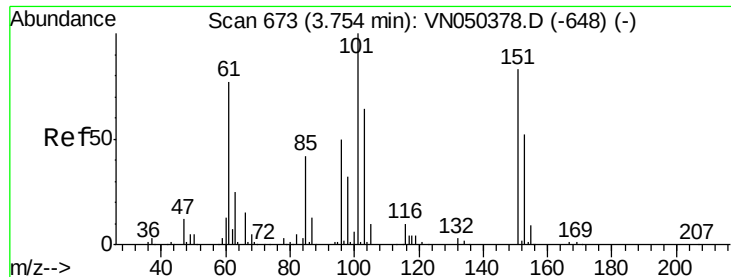


#8

Diethyl Ether
 Concen: 18.40 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion: 74 Resp: 79981
 Ion Ratio Lower Upper
 74 100
 45 99.9 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.58 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

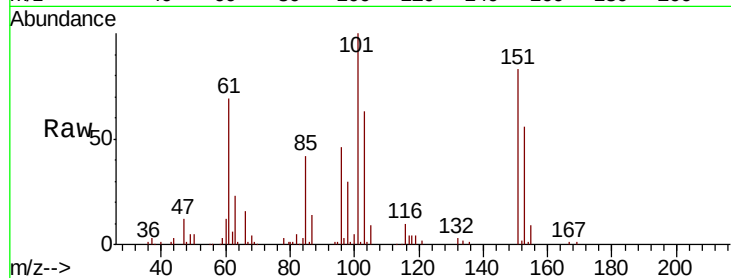
Tot Ion:101 Resp: 143457

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

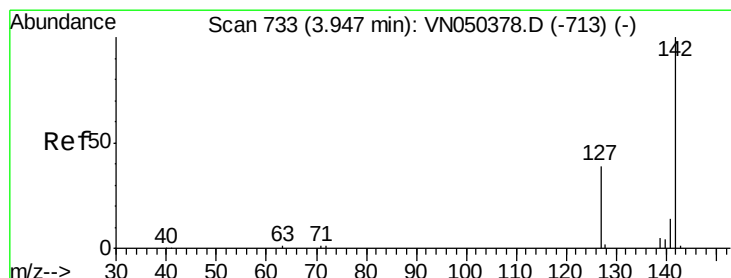
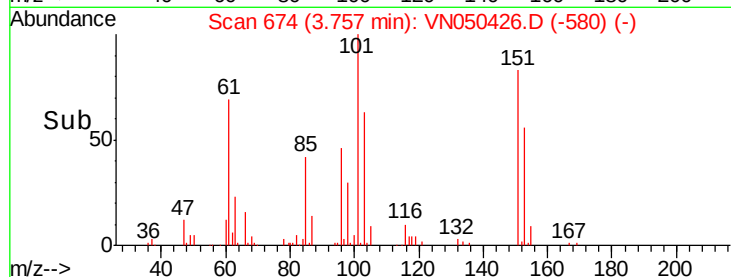
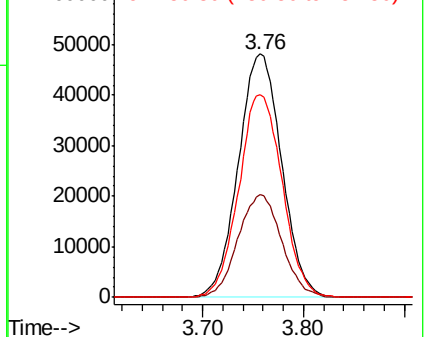
151 83.6 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.37 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

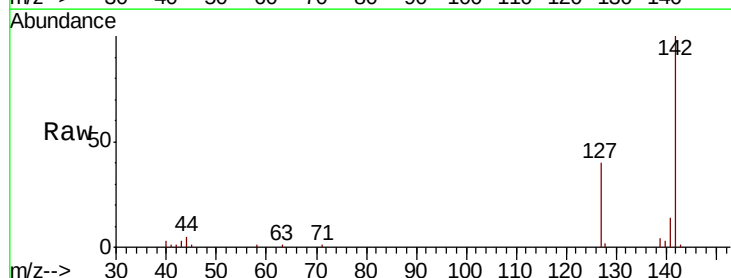
Tgt Ion:142 Resp: 65758

Ion Ratio Lower Upper

142 100

127 41.4 33.4 50.2

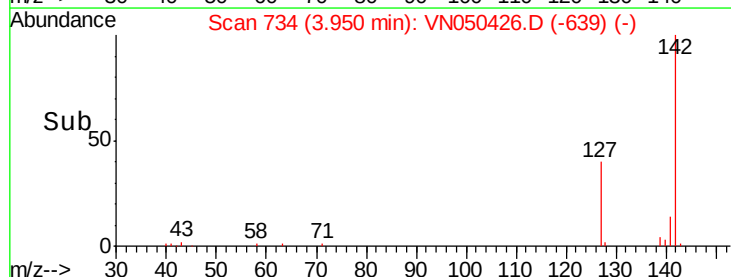
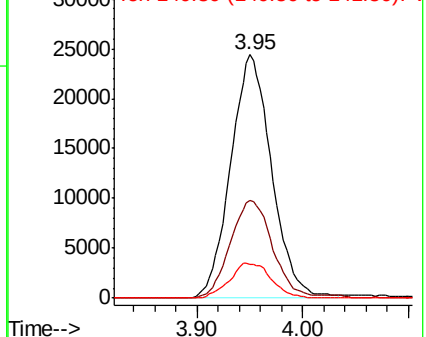
141 14.6 11.6 17.4

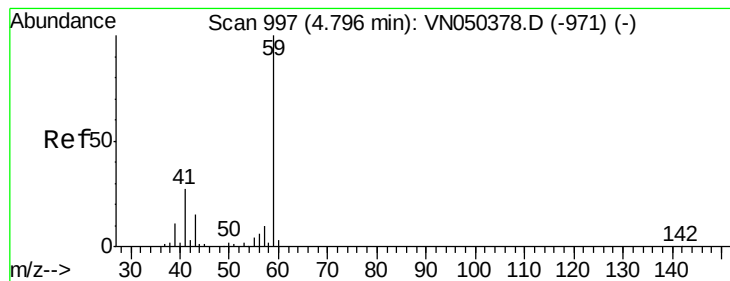


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



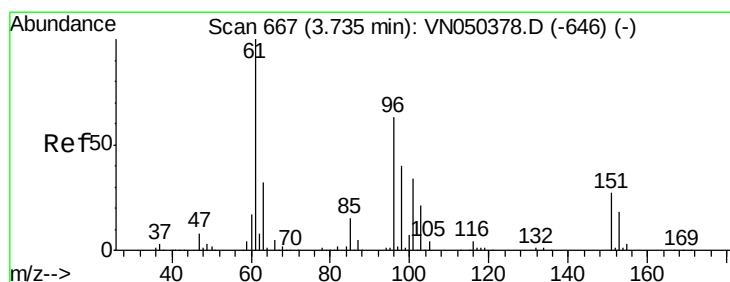
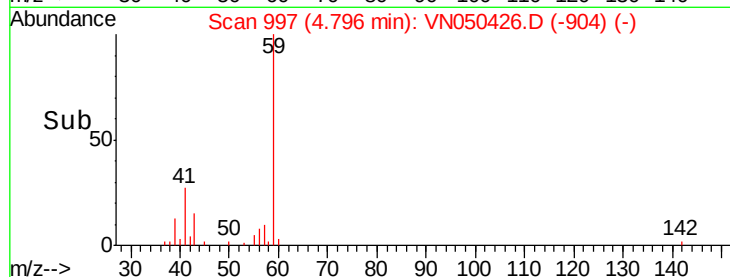
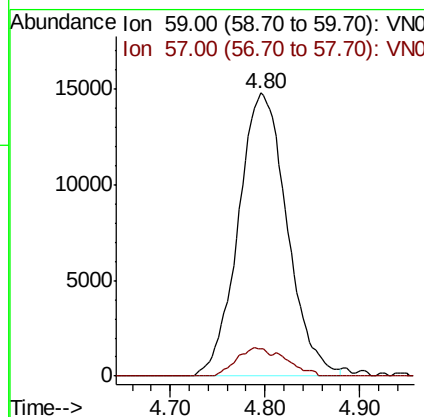
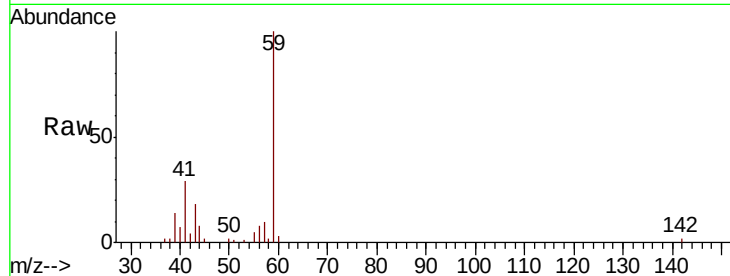


#11

Tert butyl alcohol
 Concen: 77.17 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

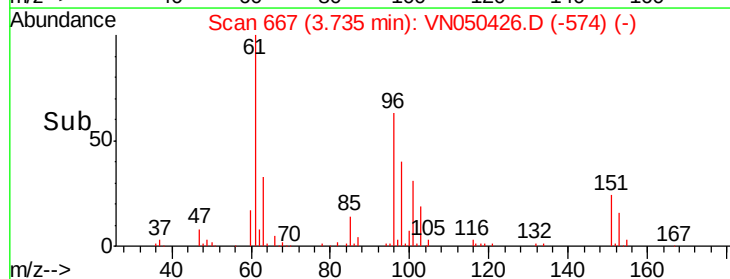
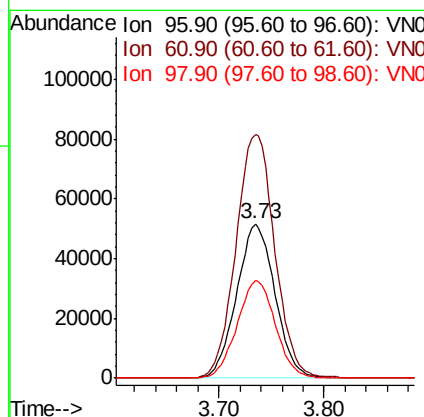
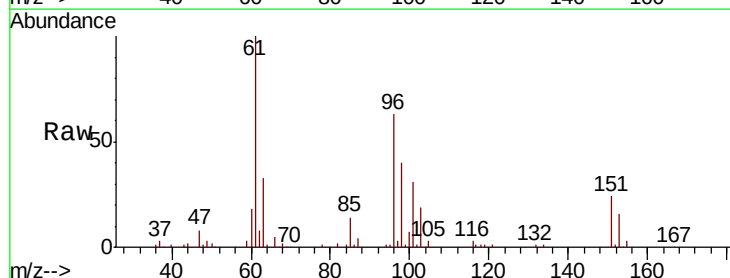
Tot Ion: 59 Resp: 52905
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.5 12.7#

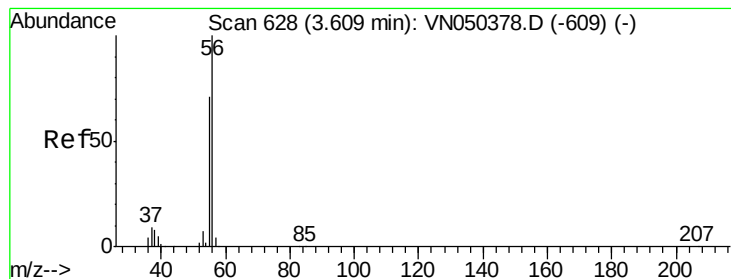


#12

1,1-Dichloroethene
 Concen: 18.91 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion: 96 Resp: 130599
 Ion Ratio Lower Upper
 96 100
 61 157.6 124.4 186.6
 98 63.1 48.3 72.5





#13

Acrolein

Concen: 88.82 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

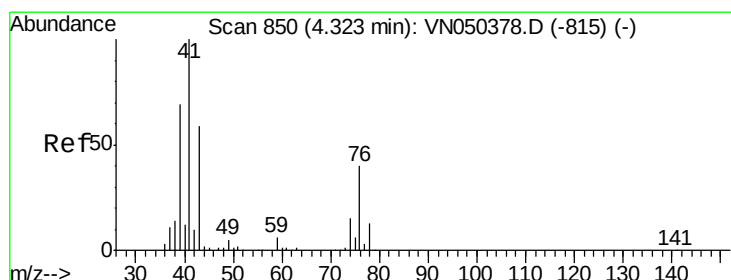
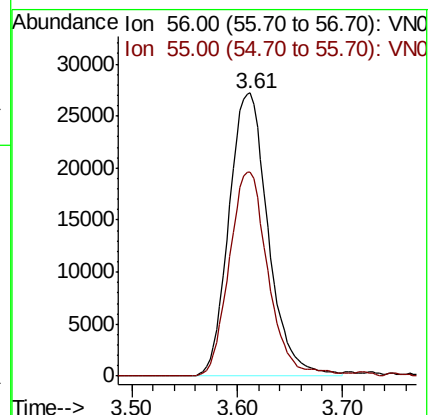
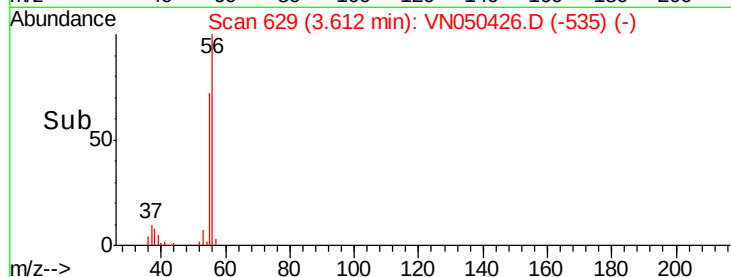
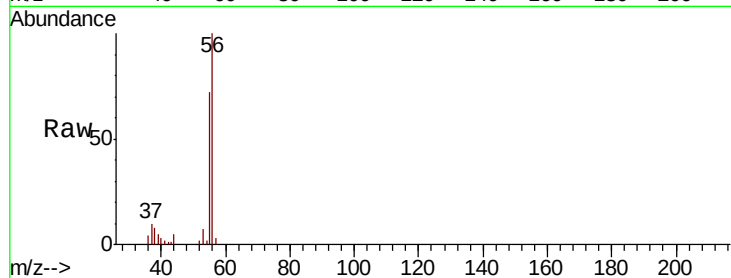
VN0807MBS01

Tot Ion: 56 Resp: 70036

Ion Ratio Lower Upper

56 100

55 71.5 55.8 83.6



#14

Allyl chloride

Concen: 18.28 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

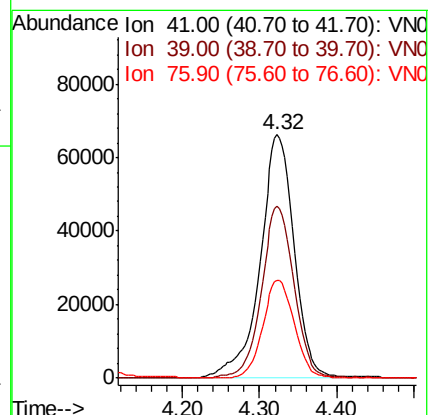
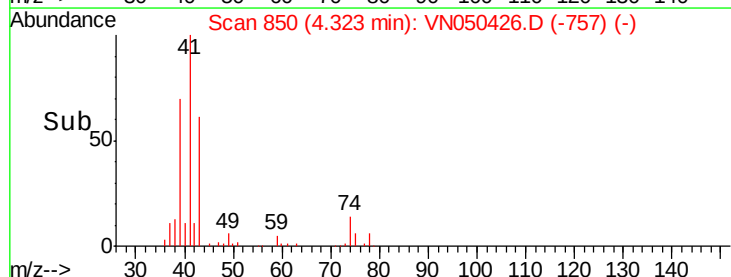
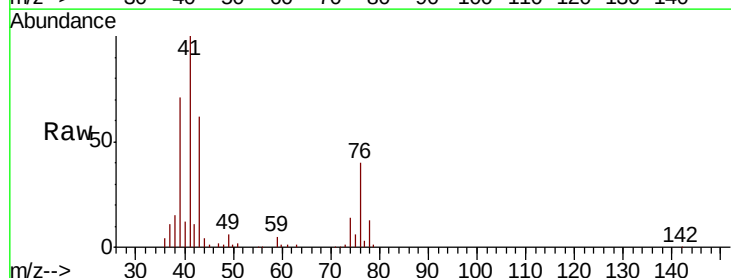
Tgt Ion: 41 Resp: 202689

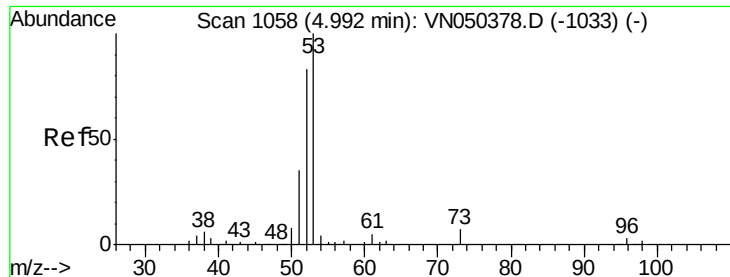
Ion Ratio Lower Upper

41 100

39 67.5 54.2 81.4

76 36.6 29.0 43.6





#15

Acrylonitrile

Concen: 89.13 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

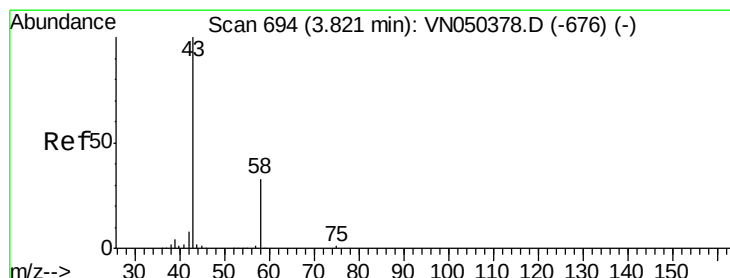
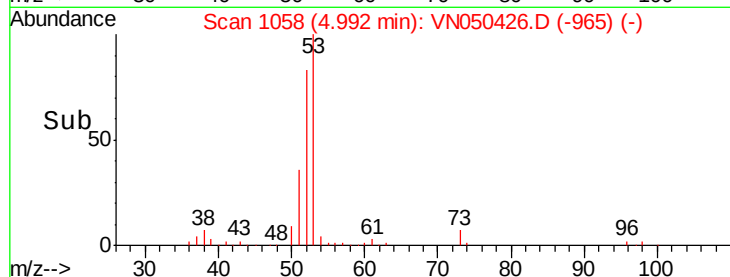
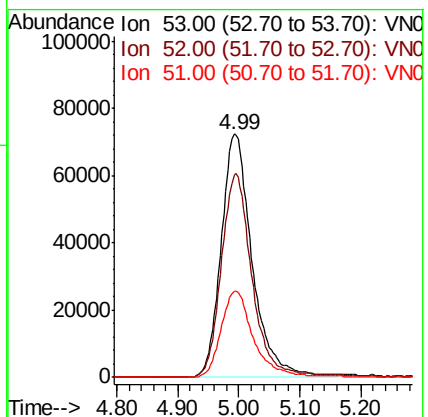
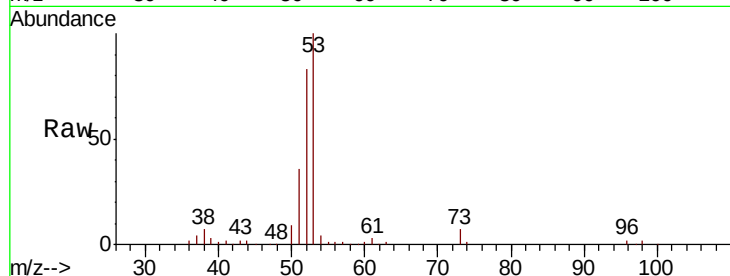
Tot Ion: 53 Resp: 255973

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 37.0 29.3 43.9



#16

Acetone

Concen: 89.97 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050426.D

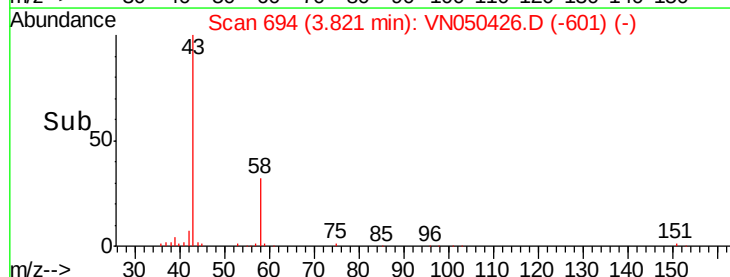
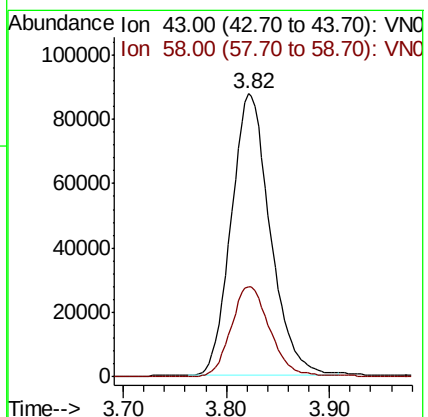
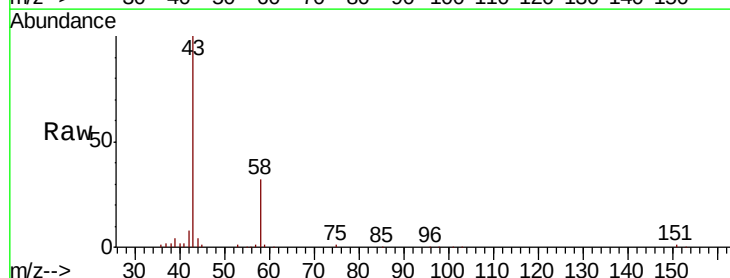
Acq: 7 Aug 2018 12:57

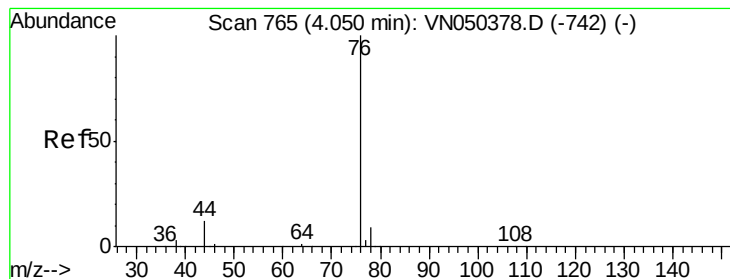
Tgt Ion: 43 Resp: 229570

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.8





#17

Carbon Disulfide

Concen: 17.72 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

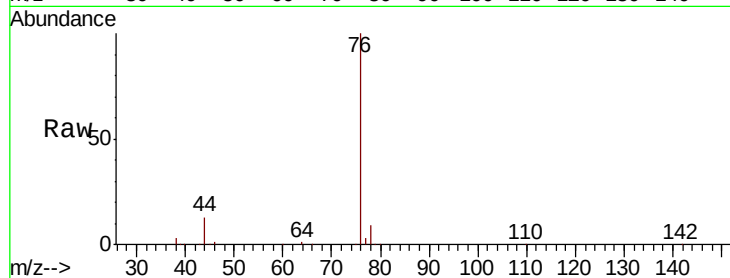
VN0807MBS01

Tot Ion: 76 Resp: 397880

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

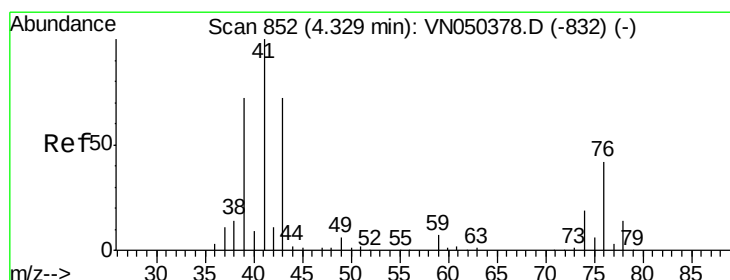
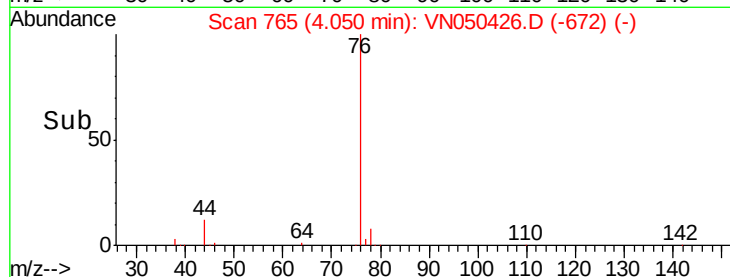
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.38 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050426.D

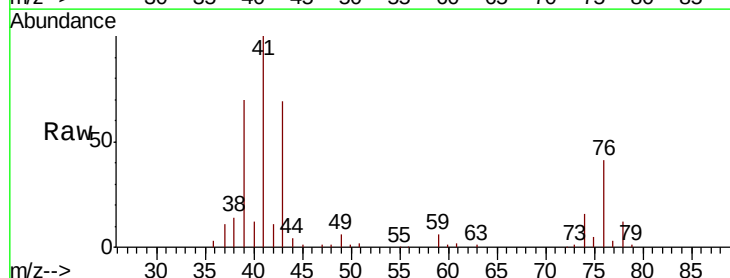
Acq: 7 Aug 2018 12:57

Tgt Ion: 43 Resp: 122350

Ion Ratio Lower Upper

43 100

74 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

50000

40000

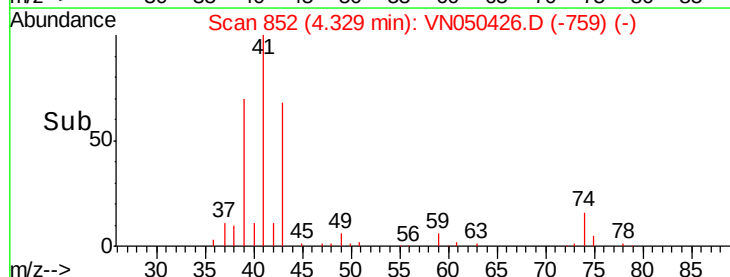
30000

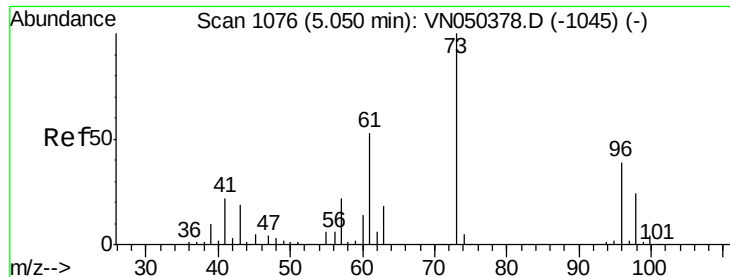
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 18.38 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

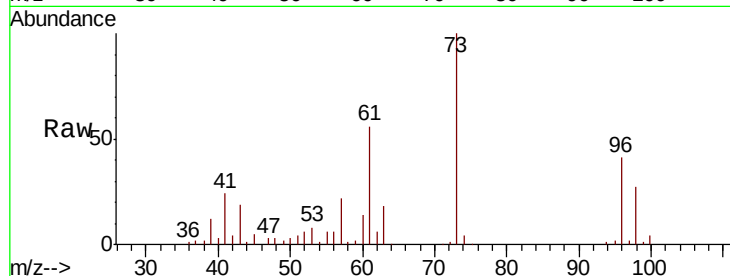
VN0807MBS01

Tot Ion: 73 Resp: 360292

Ion Ratio Lower Upper

73 100

57 22.1 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

100000

80000

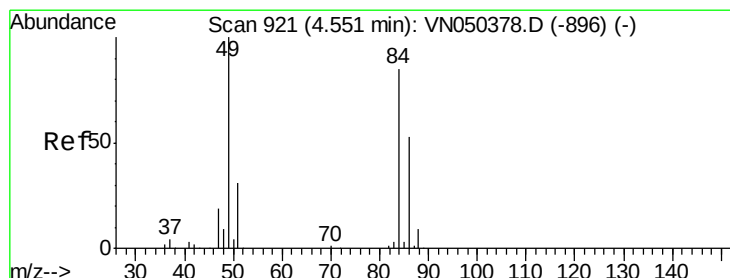
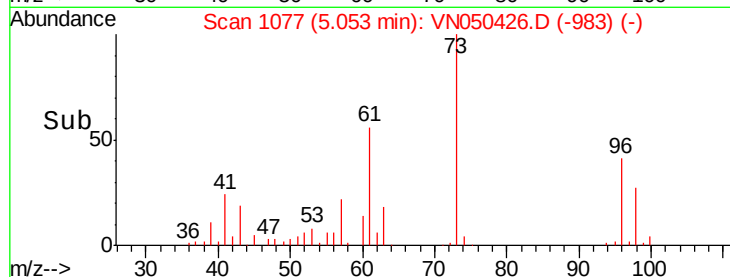
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 19.31 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Tgt Ion: 84 Resp: 157686

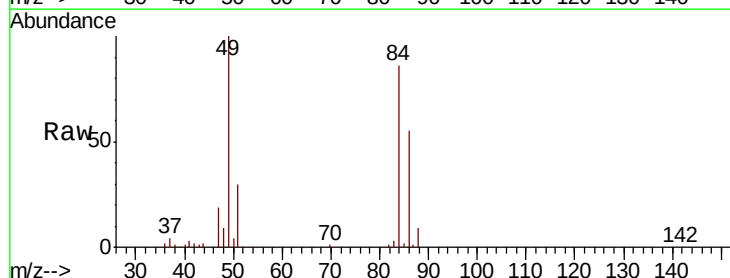
Ion Ratio Lower Upper

84 100

49 116.5 94.8 142.2

51 34.9 28.3 42.5

86 64.3 51.0 76.6



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

80000

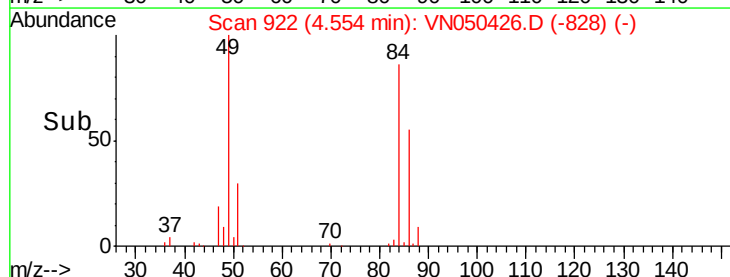
60000

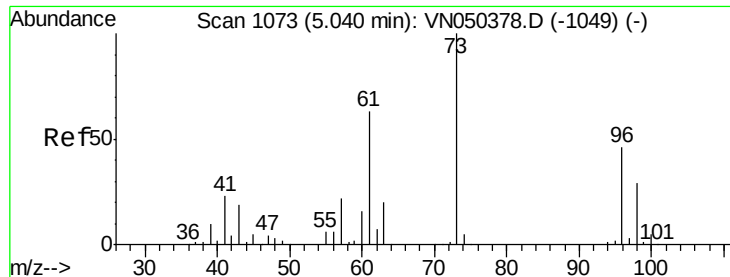
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.96 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

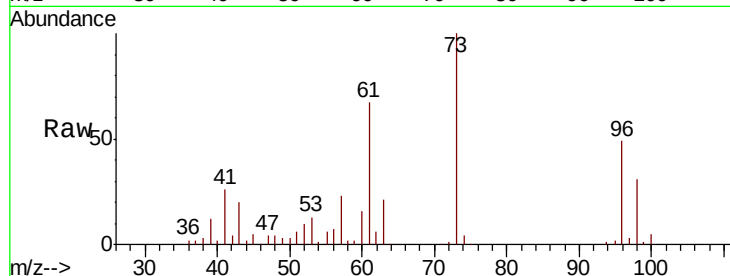
Tot Ion: 96 Resp: 141700

Ion Ratio Lower Upper

96 100

61 137.6 110.7 166.1

98 62.7 51.6 77.4

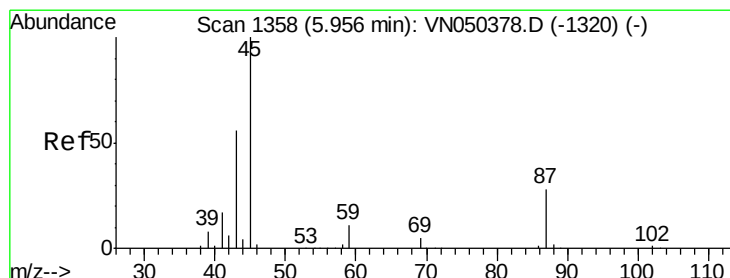
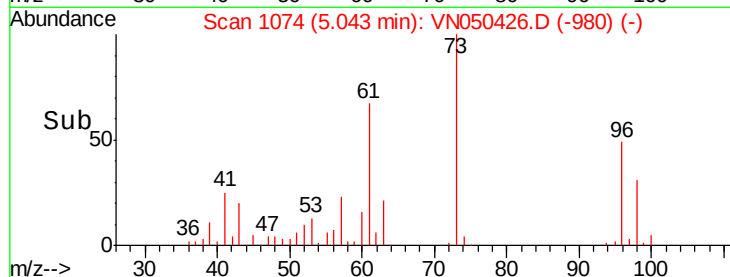
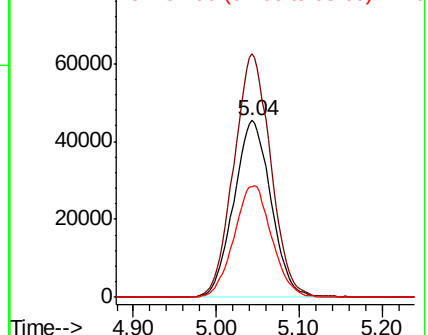


Abundance

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: 19.98 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Tgt Ion: 45 Resp: 452645

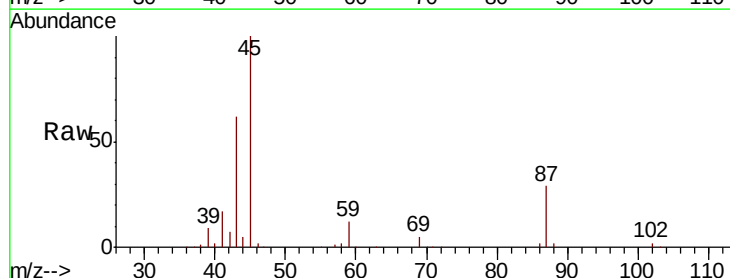
Ion Ratio Lower Upper

45 100

43 60.2 45.7 68.5

87 28.7 22.7 34.1

59 11.6 9.5 14.3



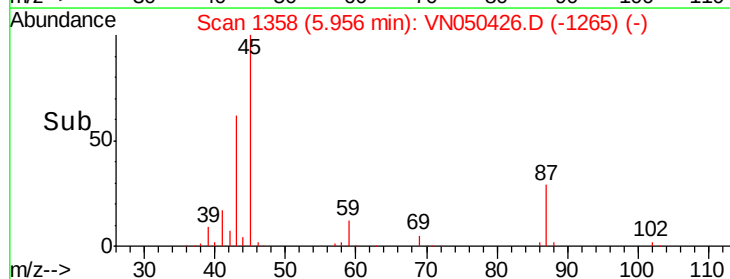
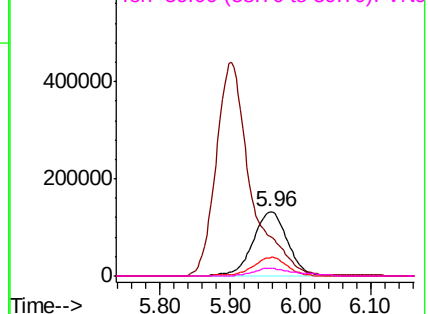
Abundance

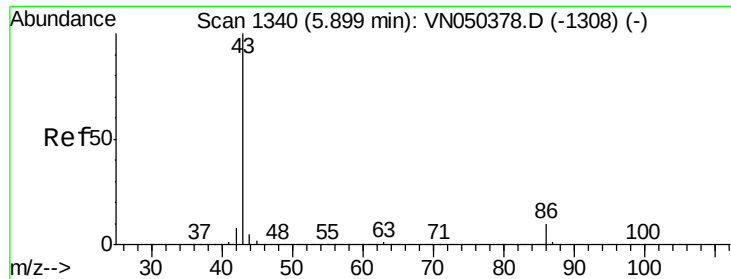
Ion 45.00 (44.70 to 45.70): VN0

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: 93.27 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

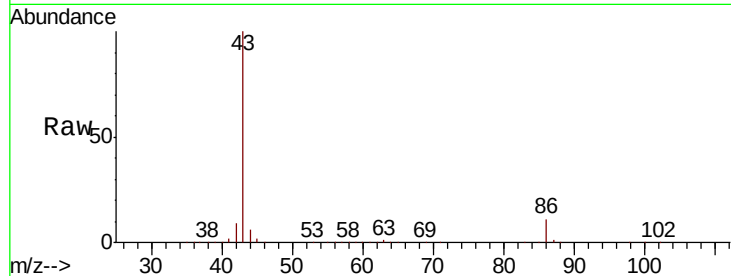
VN0807MBS01

Tot Ion: 43 Resp: 1507681

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

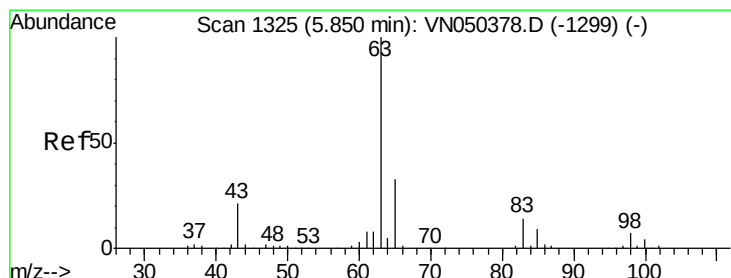
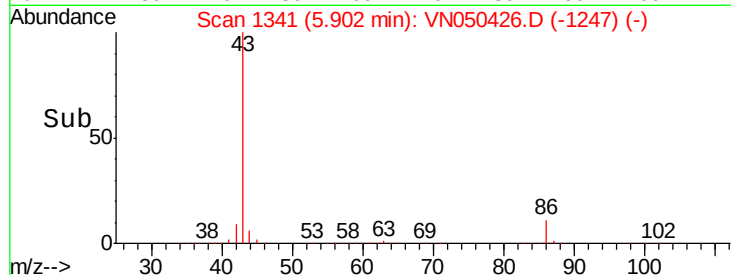
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.35 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

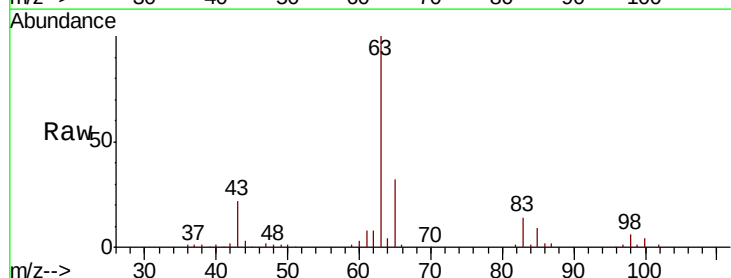
Tgt Ion: 63 Resp: 268939

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

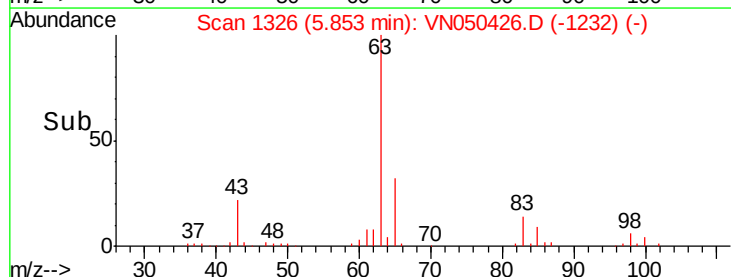
60000

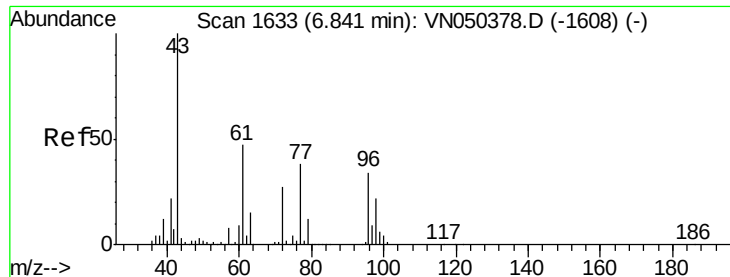
40000

20000

0

Time--> 5.70 5.80 5.90 6.00

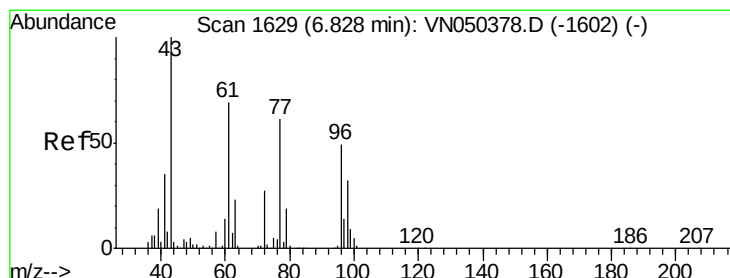
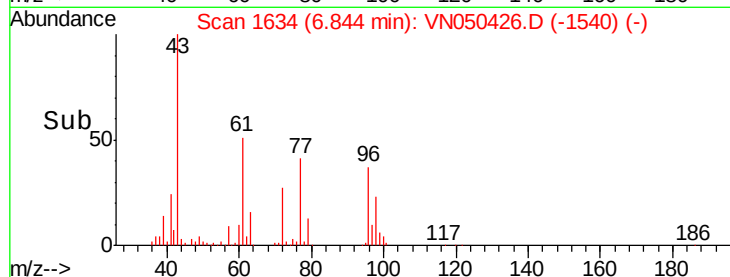
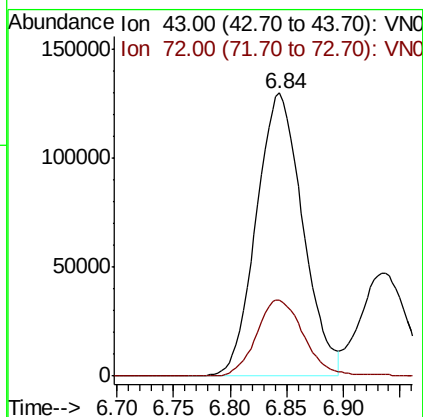
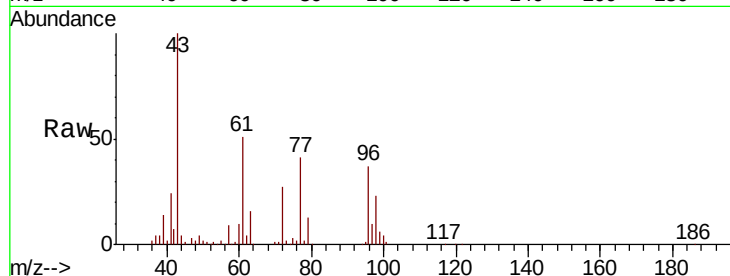




#25
2-Butanone
Concen: 87.16 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

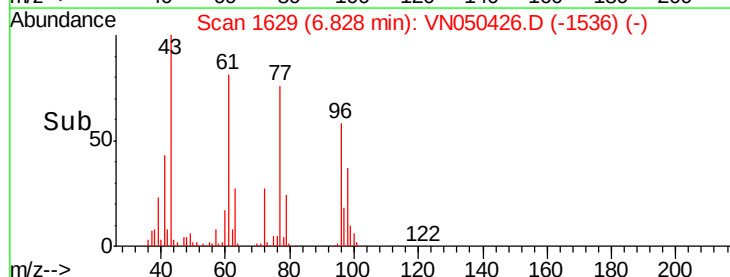
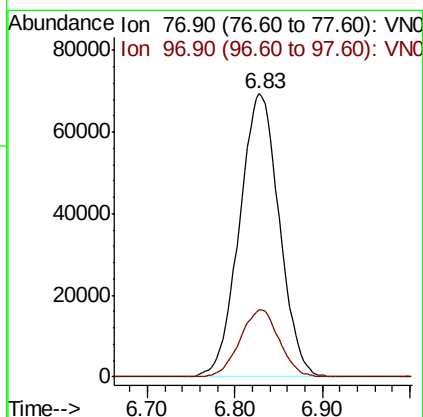
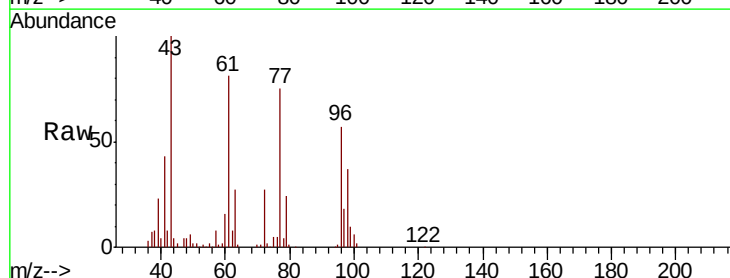
Instrument :
MSVOA_N
ClientSampled :
VN0807MBS01

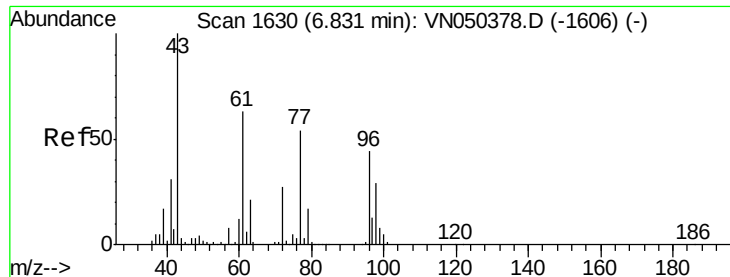
Tot Ion: 43 Resp: 368614
Ion Ratio Lower Upper
43 100
72 26.7 21.5 32.3



#26
2,2-Dichloropropane
Concen: 19.09 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion: 77 Resp: 218811
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.28 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0807MBS01

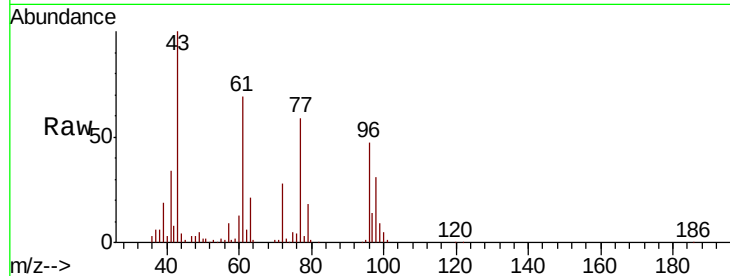
Tot Ion: 96 Resp: 159692

Ion Ratio Lower Upper

96 100

61 143.5 0.0 285.0

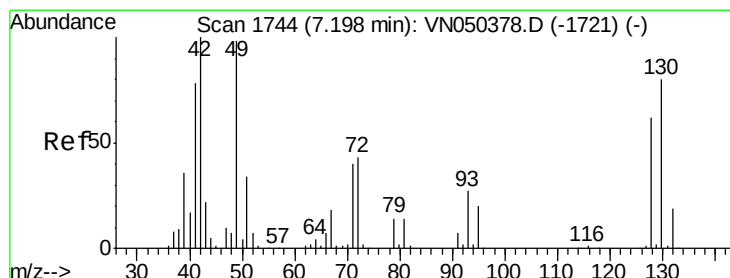
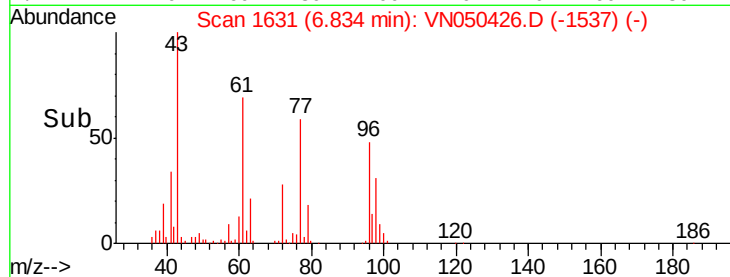
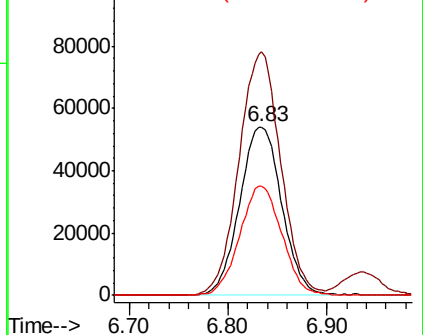
98 65.0 0.0 129.2



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: 19.22 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

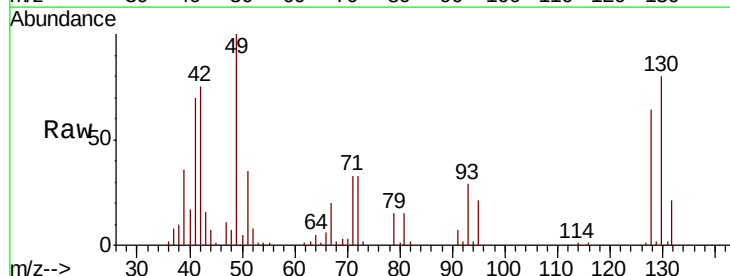
Tgt Ion: 49 Resp: 122983

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

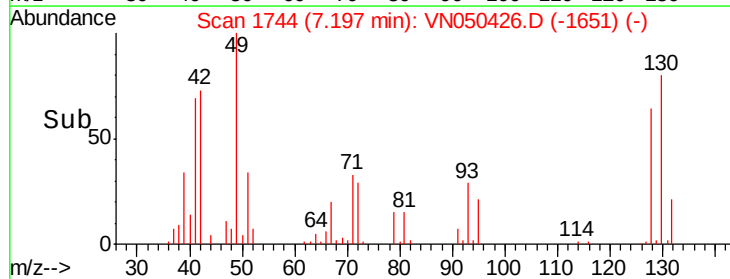
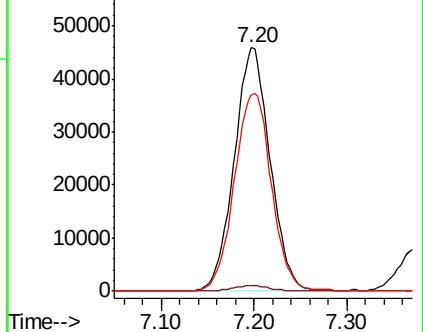
130 83.7 66.3 99.5

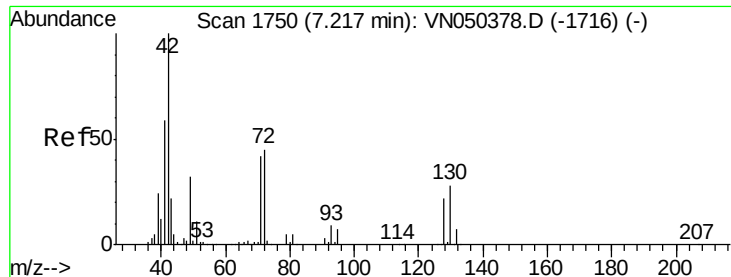


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

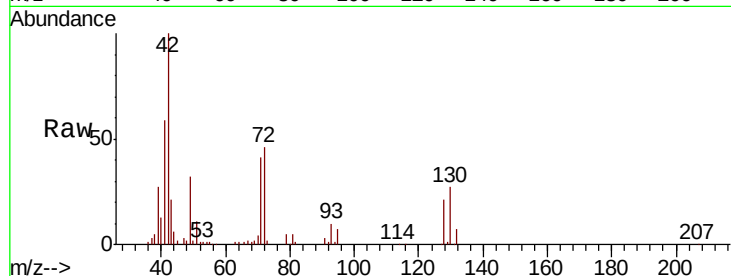




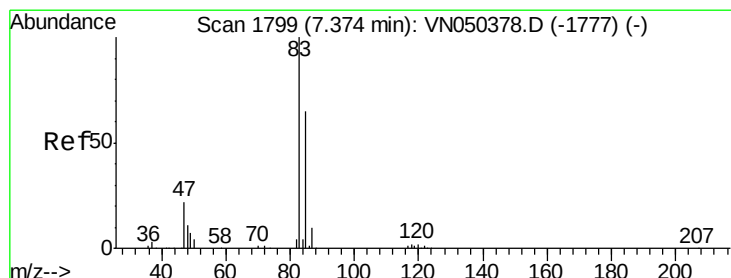
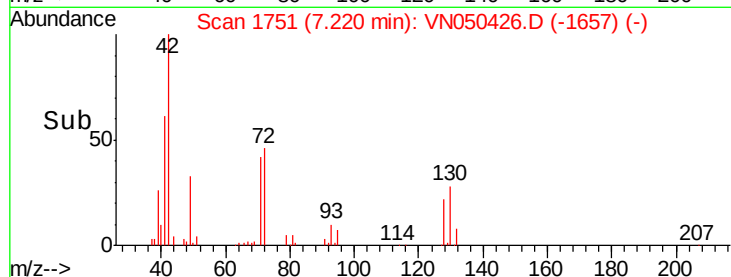
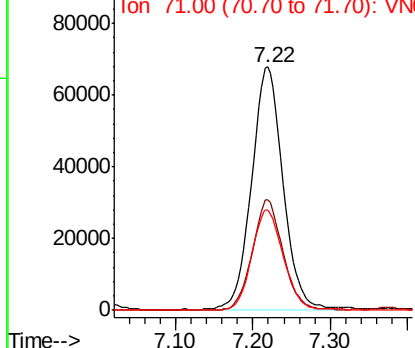
#29
Tetrahydrofuran
Concen: 85.57 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBS01

Tot Ion: 42 Resp: 193699
Ion Ratio Lower Upper
42 100
72 44.3 35.9 53.9
71 41.0 33.7 50.5

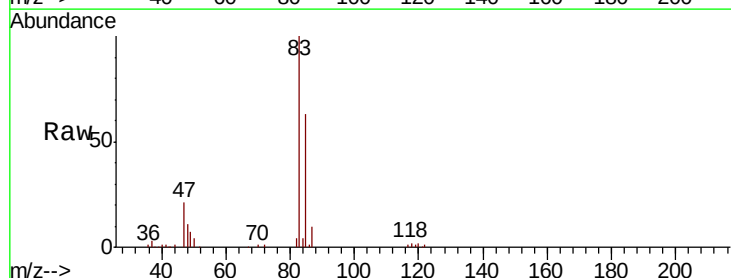


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

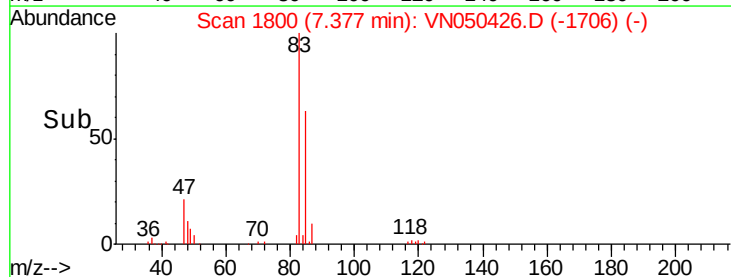
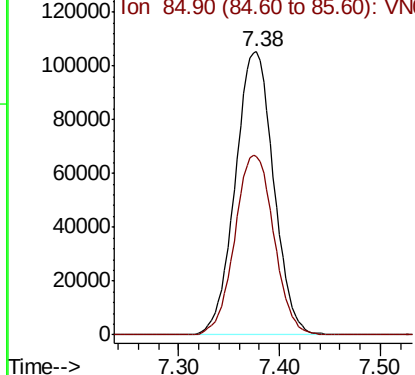


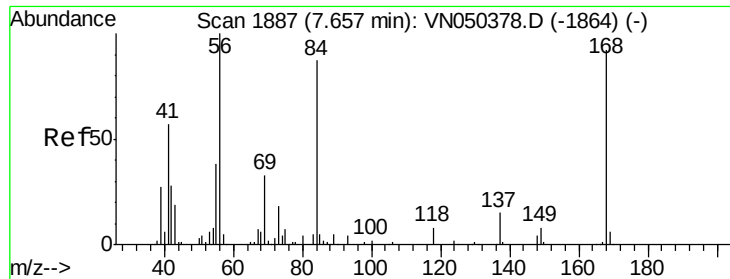
#30
Chloroform
Concen: 19.96 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion: 83 Resp: 277445
Ion Ratio Lower Upper
83 100
85 63.0 52.5 78.7



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

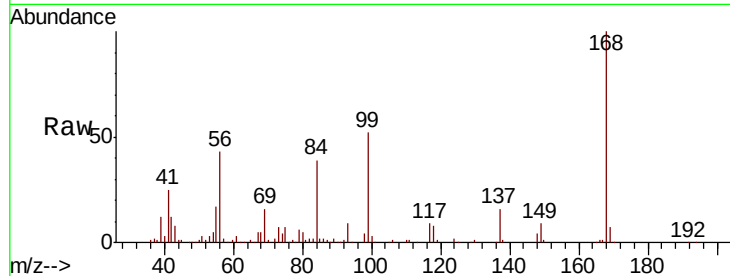




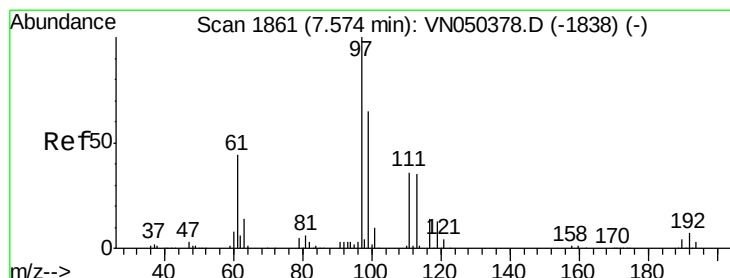
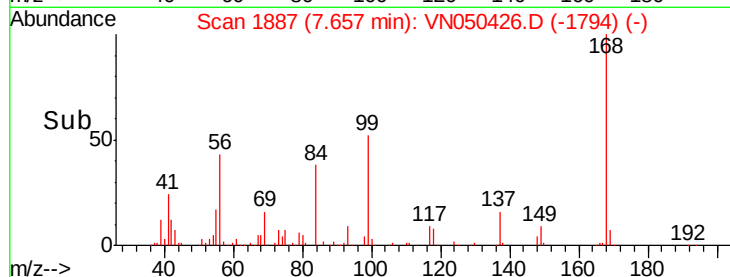
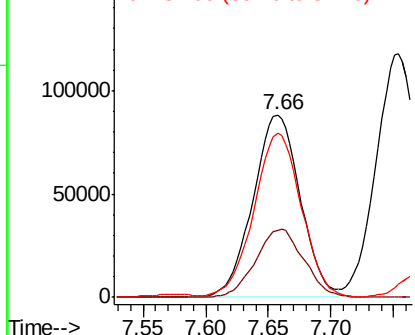
#31
Cyclohexane
Concen: 18.54 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Instrument :
MSVOA_N
ClientSampled :
VN0807MBS01

Tot Ion: 56 Resp: 231649
Ion Ratio Lower Upper
56 100
69 37.1 26.2 39.4
84 88.7 67.4 101.0

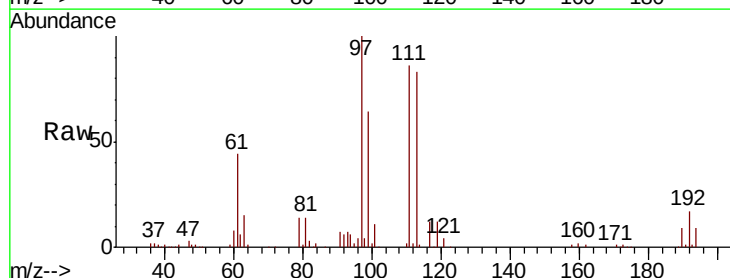


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

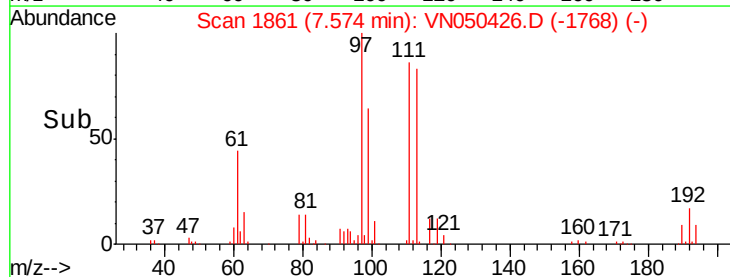
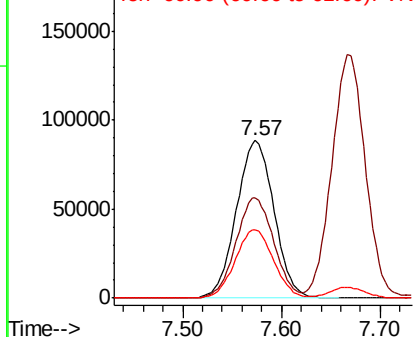


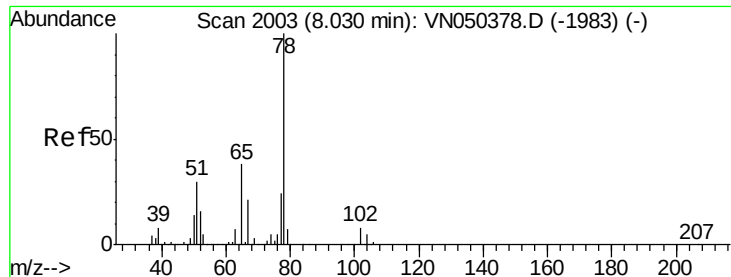
#32
1,1,1-Trichloroethane
Concen: 19.59 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion: 97 Resp: 233769
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 44.0 35.4 53.0



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

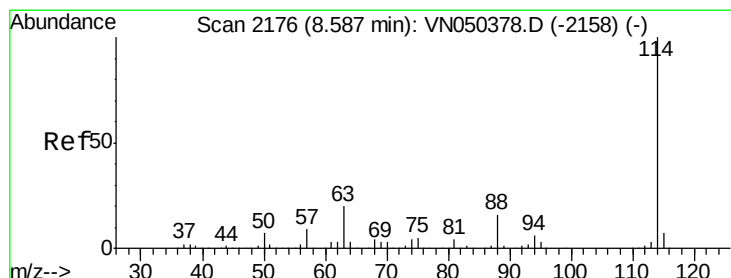
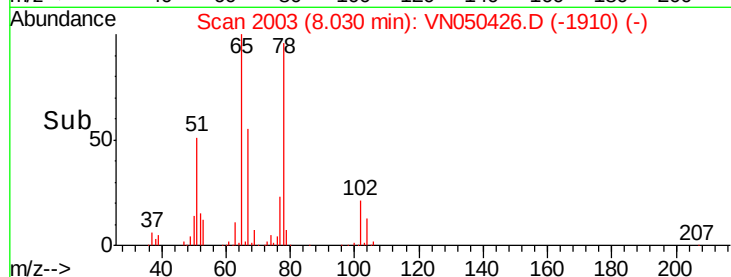
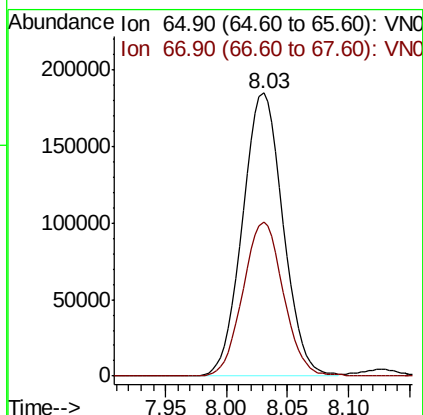
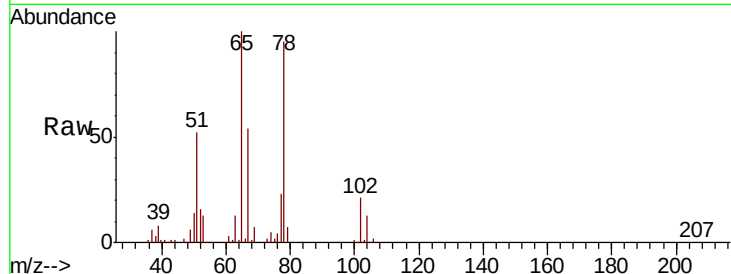




#33
 1,2-Dichloroethane-d4
 Concen: 49.72 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

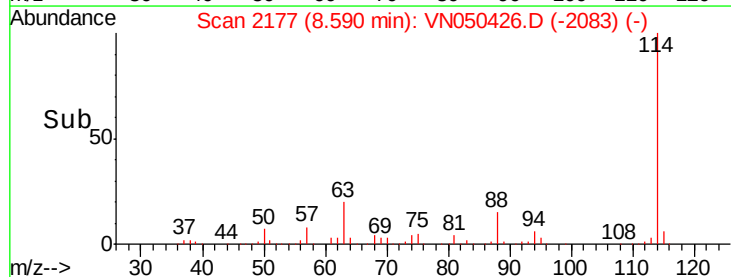
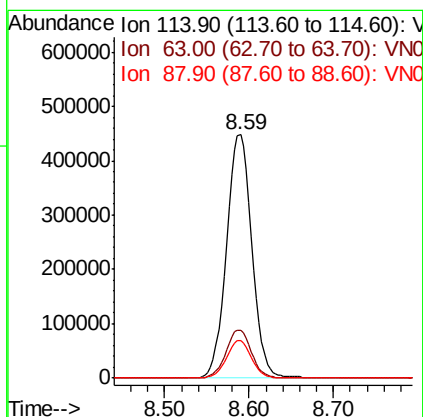
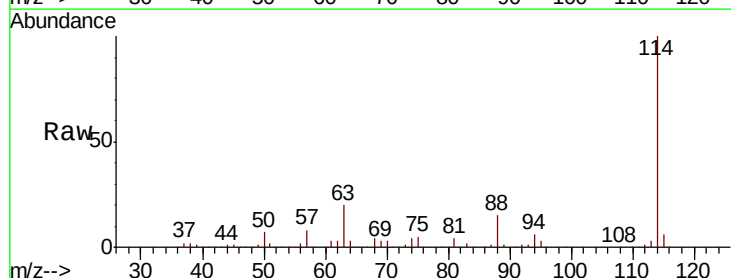
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

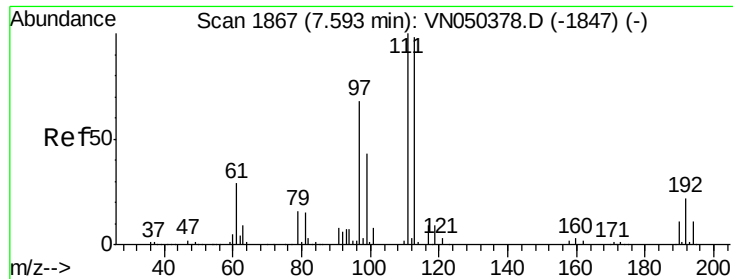
Tot Ion: 65 Resp: 424364
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion: 114 Resp: 936429
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.2 0.0 31.2

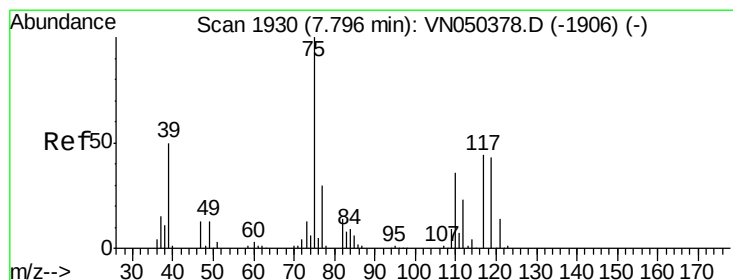
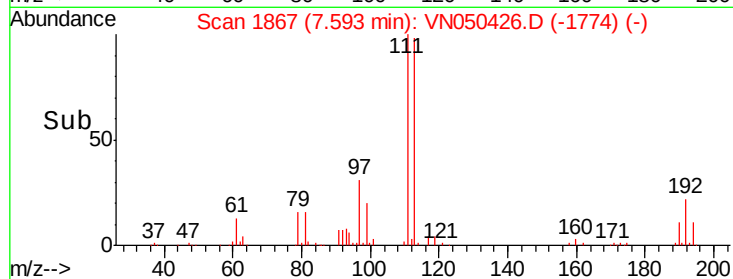
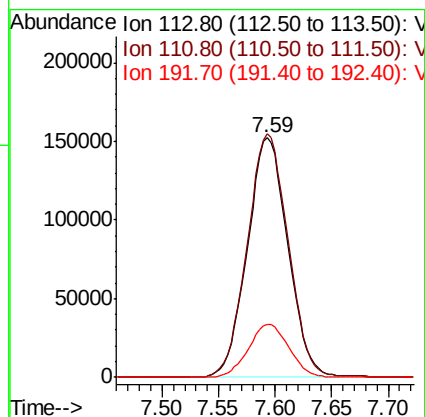
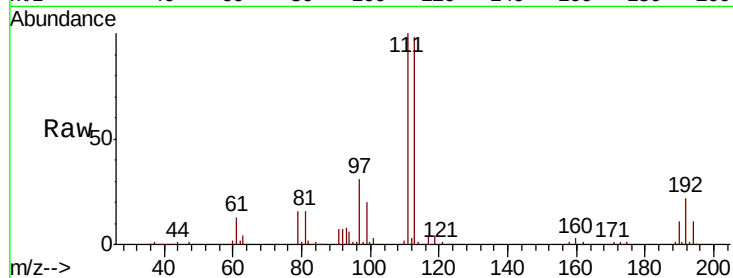




#35
 Dibromofluoromethane
 Concen: 50.43 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

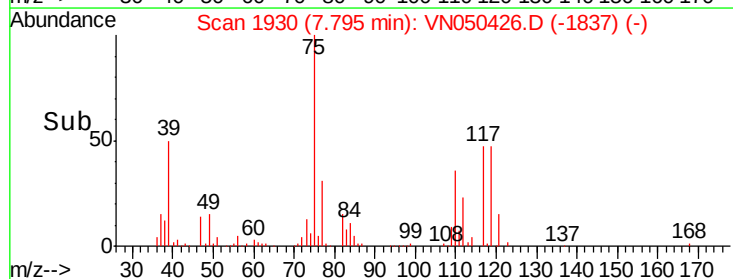
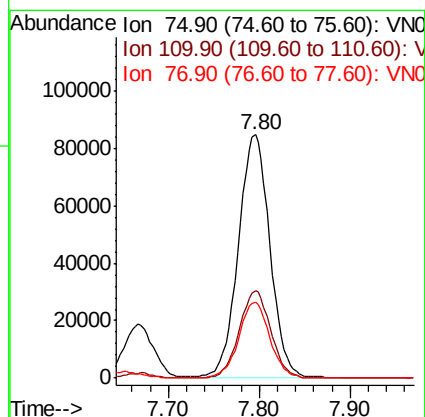
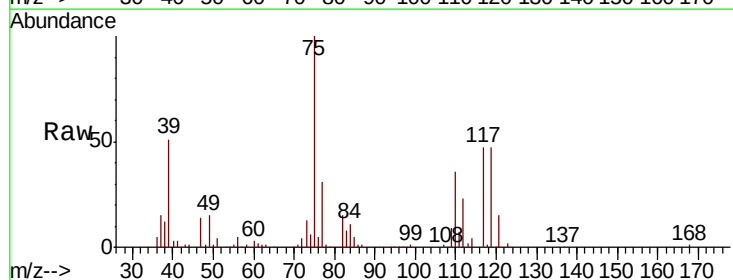
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

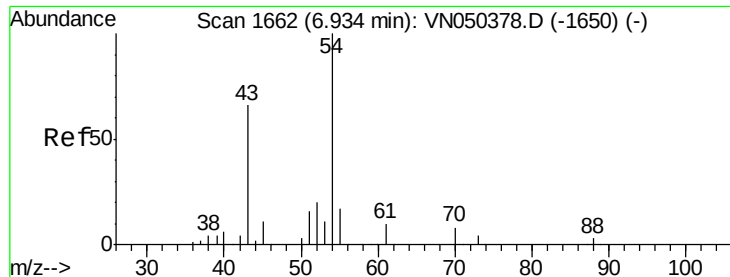
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	22.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 19.81 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.4	55.2
77	31.0	25.3	37.9

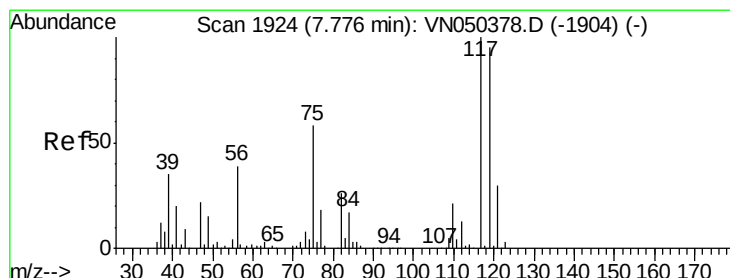
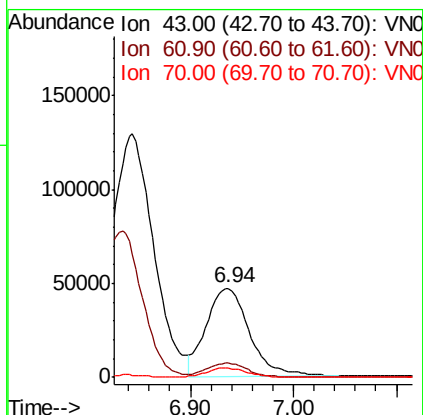
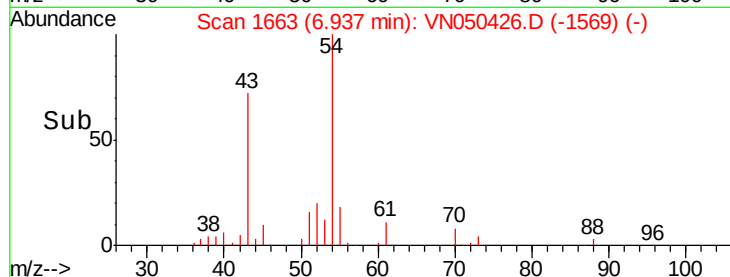
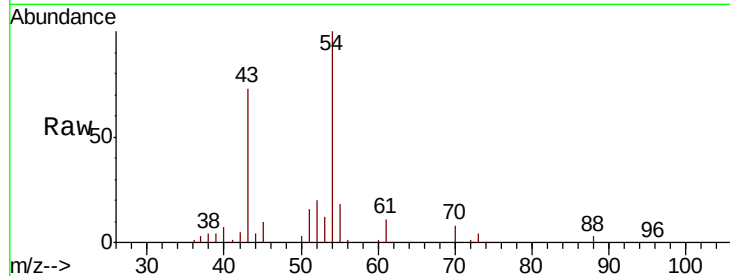




#37
Ethyl Acetate
Concen: 18.38 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

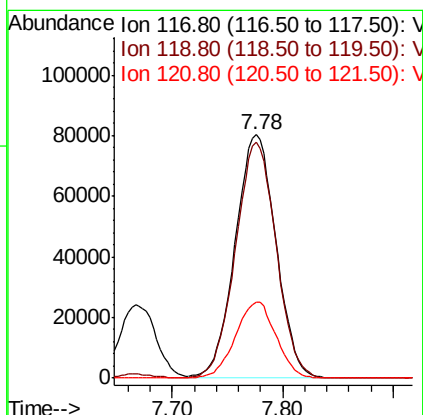
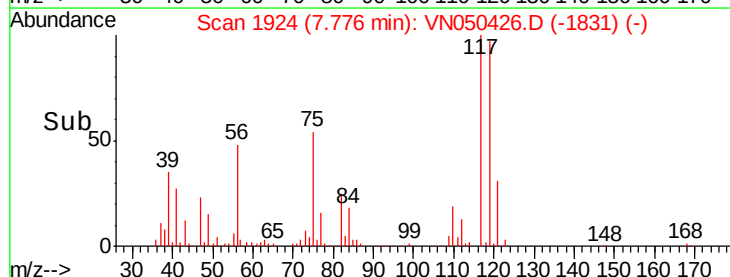
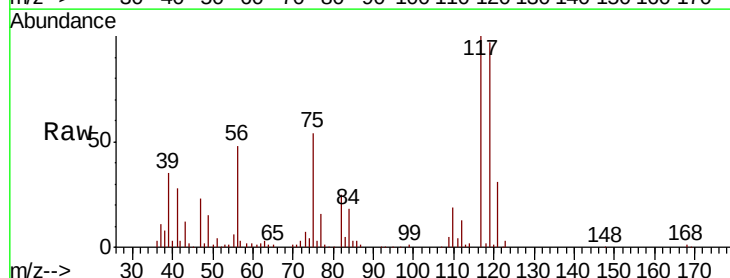
Instrument :
MSVOA_N
ClientSampleId :
VN0807MBS01

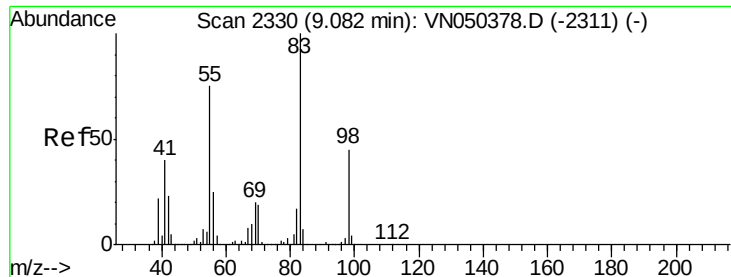
Tot Ion: 43 Resp: 136183
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.8
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.17 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion: 117 Resp: 205807
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.0
121 31.2 23.9 35.9

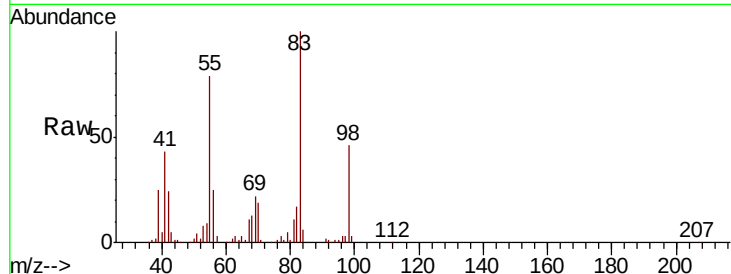




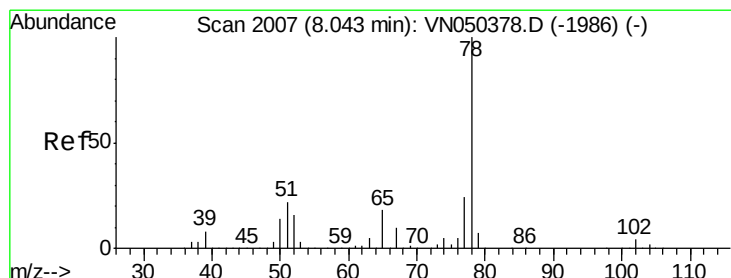
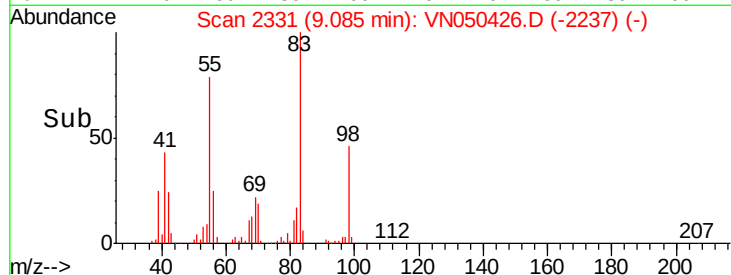
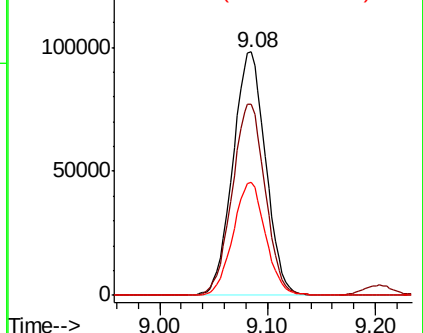
#39
Methylvlcyclohexane
Concen: 18.51 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBS01

Tot Ion: 83 Resp: 207878
Ion Ratio Lower Upper
83 100
55 78.5 61.8 92.8
98 46.4 36.5 54.7

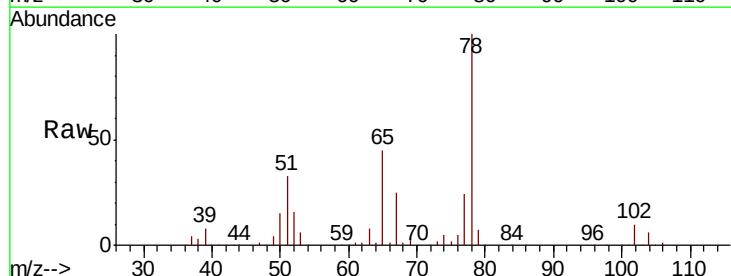


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

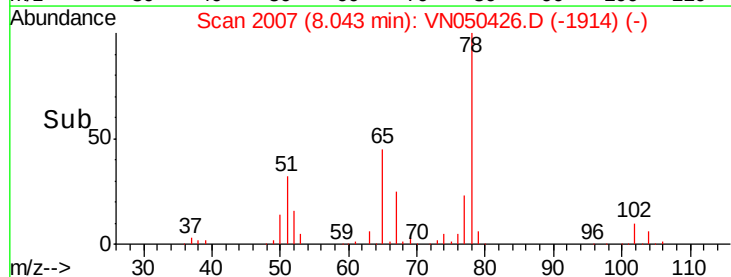
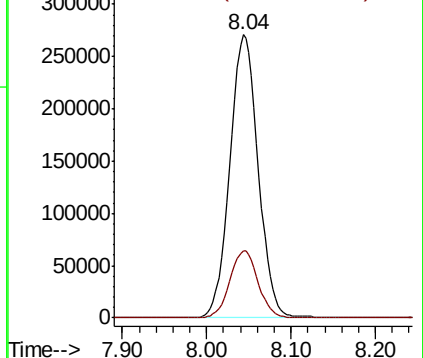


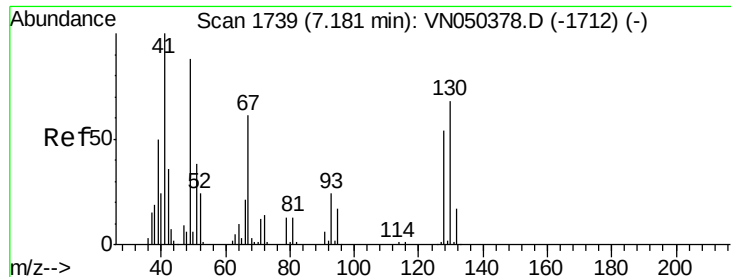
#40
Benzene
Concen: 19.96 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion: 78 Resp: 631395
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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

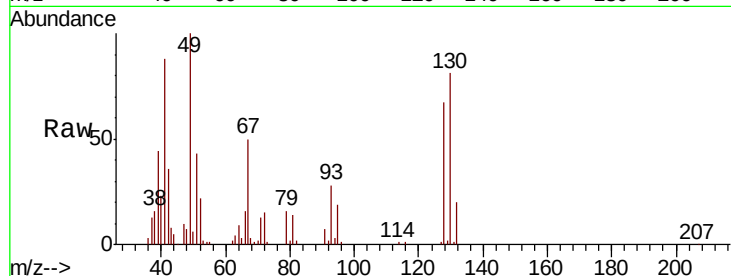




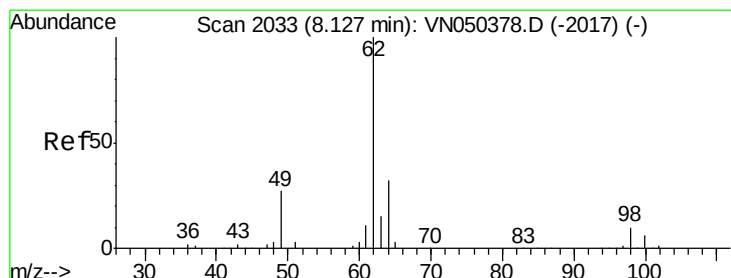
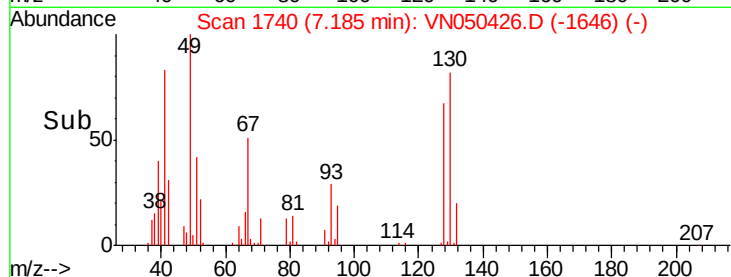
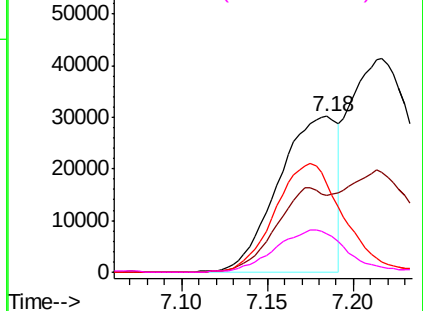
#41
Methacrylonitrile
Concen: 18.20 ug/l
RT: 7.18 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0807MBS01

Tot Ion: 41 Resp: 71718
Ion Ratio Lower Upper
41 100
39 45.6 55.8 83.6#
67 81.4 84.3 126.5#
52 34.6 34.2 51.2

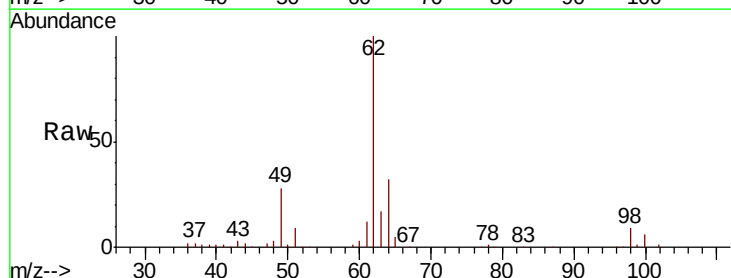


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

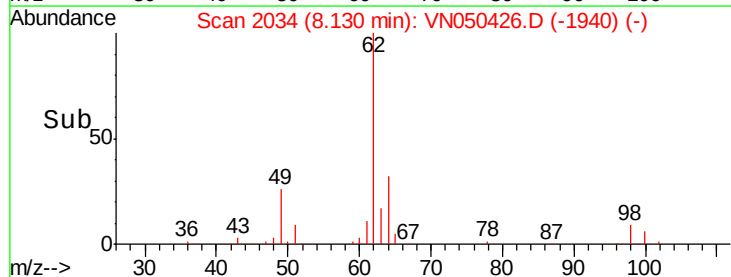
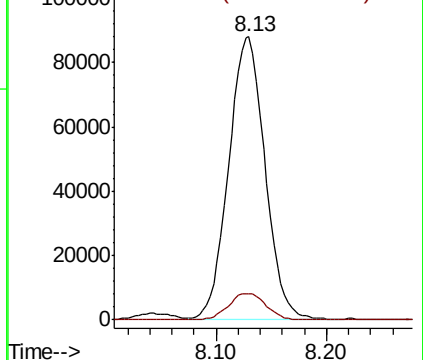


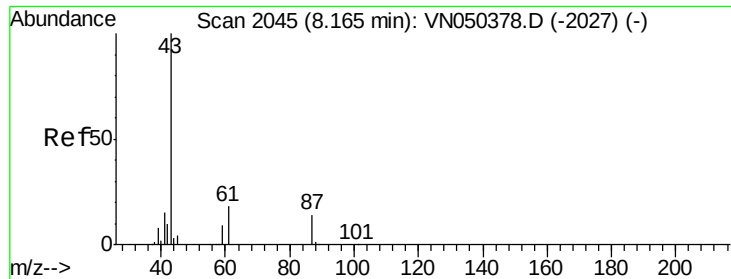
#42
1,2-Dichloroethane
Concen: 19.92 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion: 62 Resp: 200086
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8



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





#43

Isopropyl Acetate

Concen: 18.69 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0807MBS01

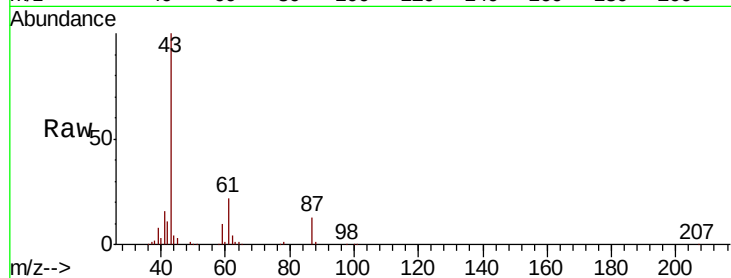
Tot Ion: 43 Resp: 239060

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.6

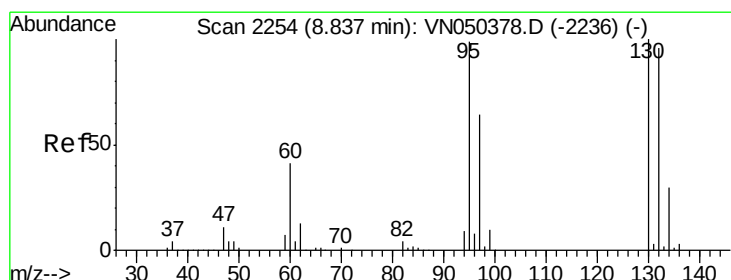
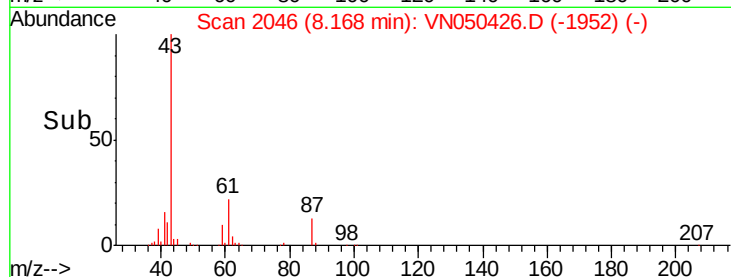
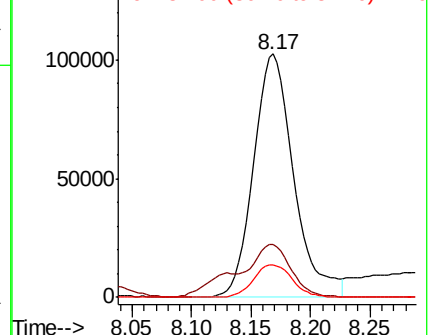
87 13.2 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.19 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050426.D

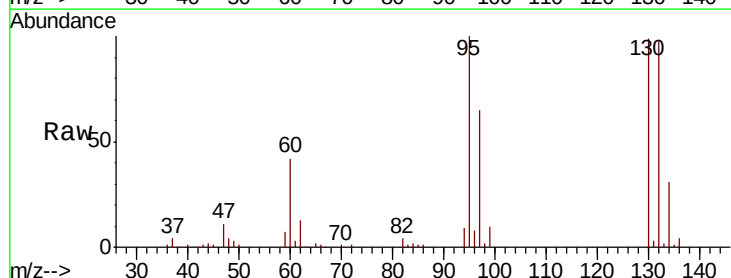
Acq: 7 Aug 2018 12:57

Tgt Ion:130 Resp: 163145

Ion Ratio Lower Upper

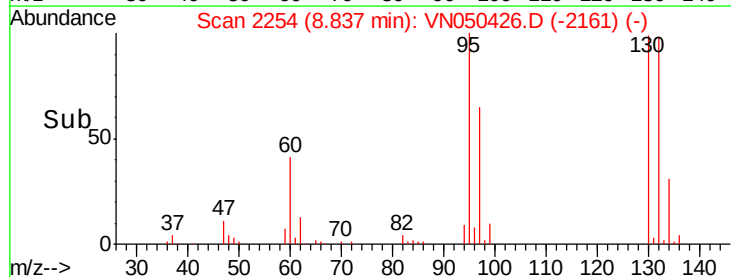
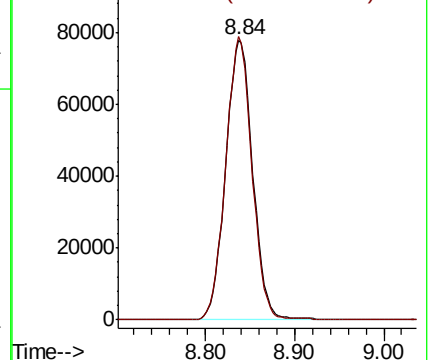
130 100

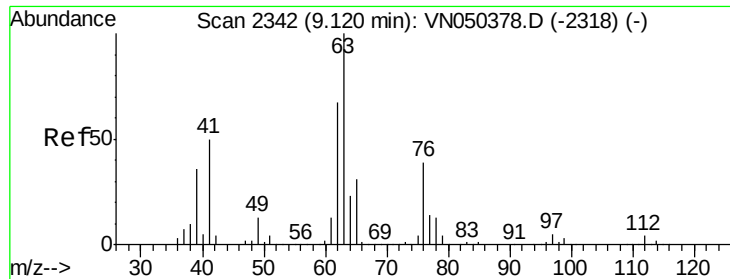
95 101.1 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

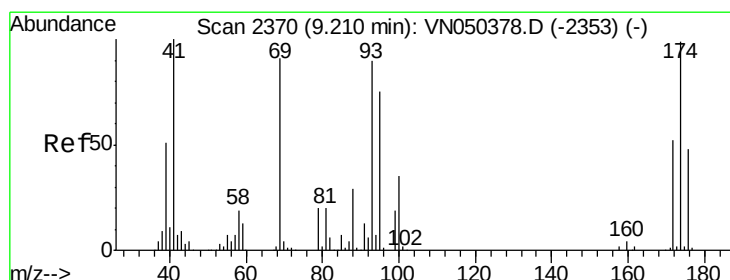
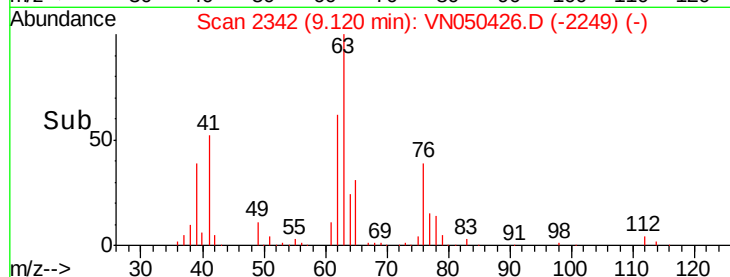
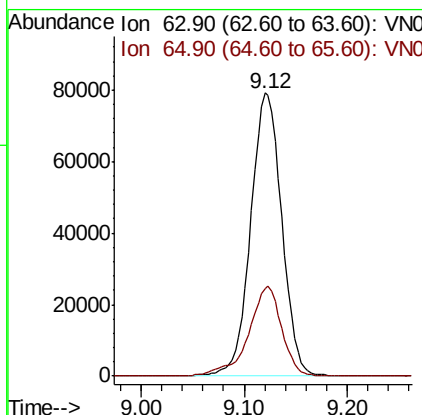
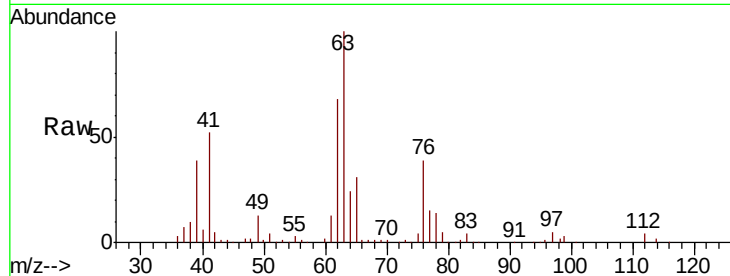




#45
 1,2-Dichloropropane
 Concen: 19.88 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

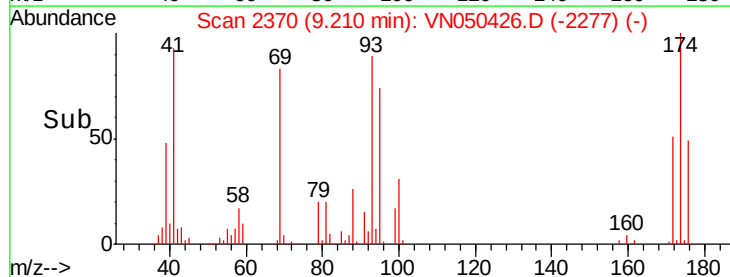
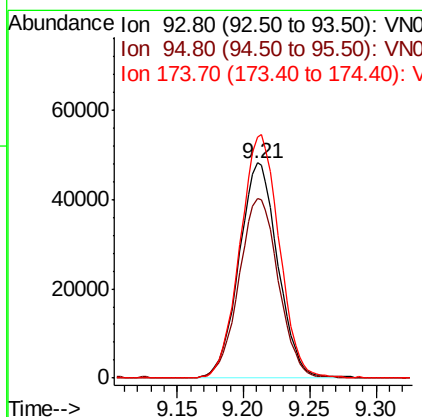
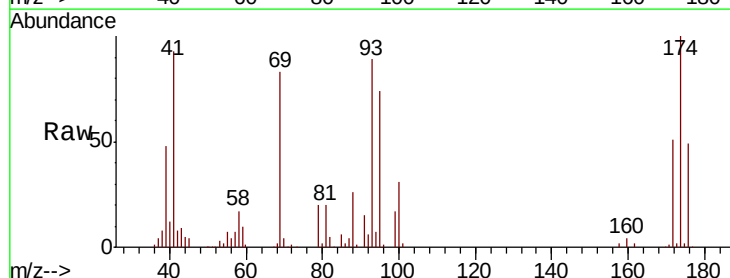
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

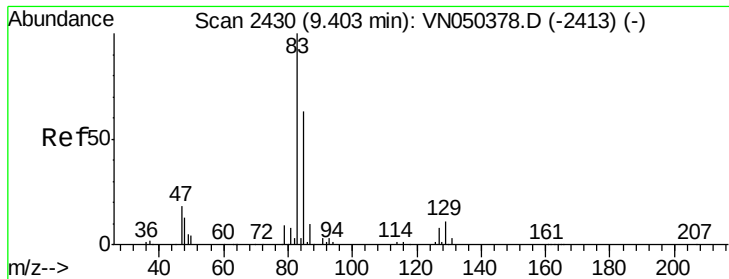
Tot Ion: 63 Resp: 165307
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.5 38.3



#46
 Dibromomethane
 Concen: 19.06 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion: 93 Resp: 97880
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.6 100.0
 174 114.4 87.1 130.7





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0807MBS01

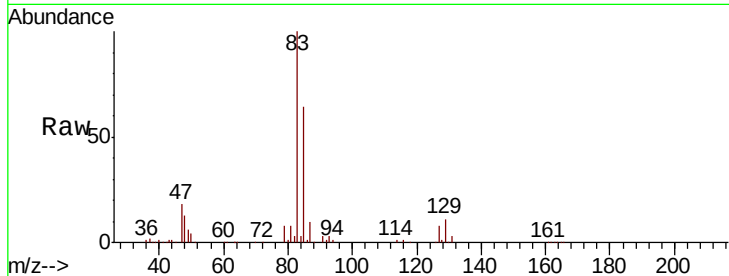
Tot Ion: 83 Resp: 205709

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

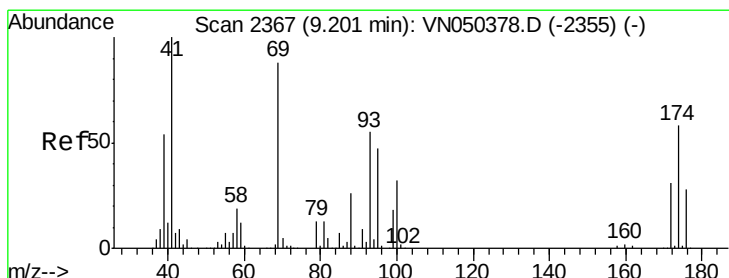
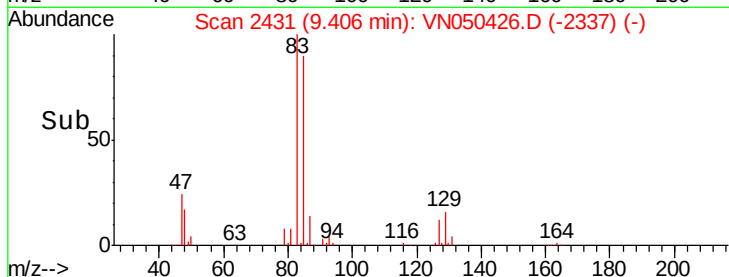
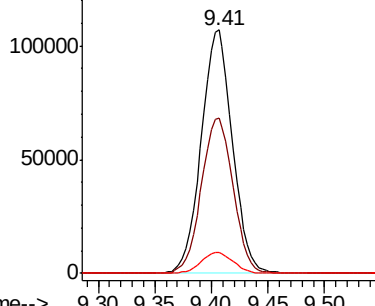
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.65 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

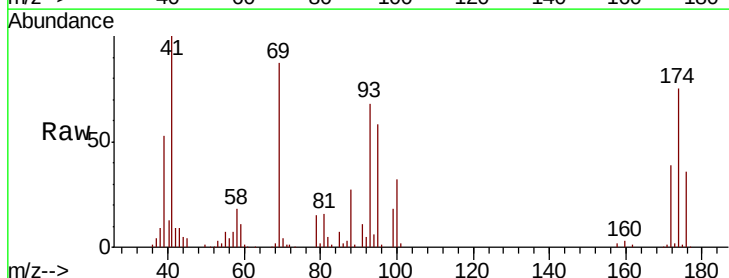
Tgt Ion: 41 Resp: 113172

Ion Ratio Lower Upper

41 100

69 90.6 70.6 105.8

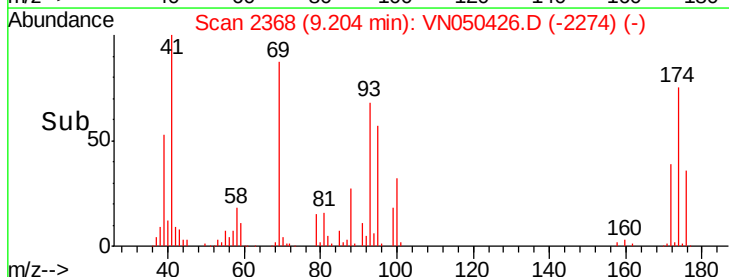
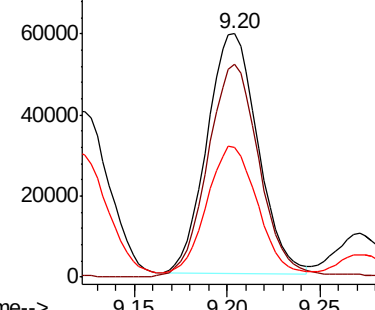
39 55.1 43.9 65.9

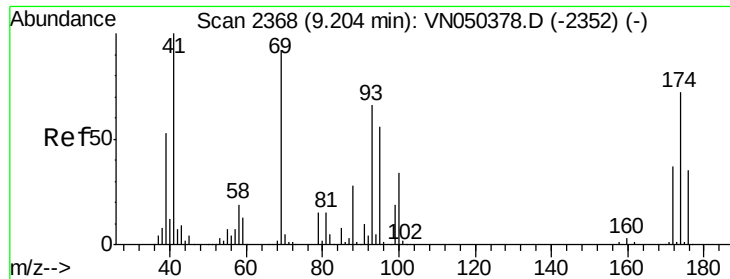


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 323.43 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

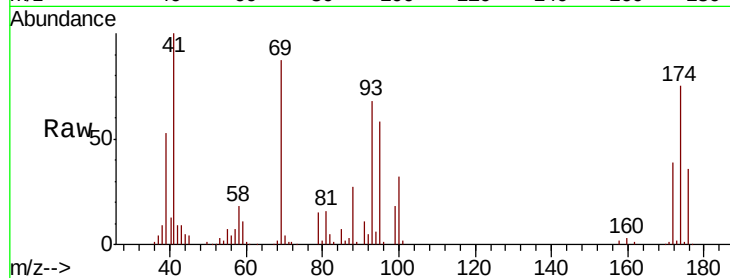
Tot Ion: 88 Resp: 31961

Ion Ratio Lower Upper

88 100

43 34.3 26.9 40.3

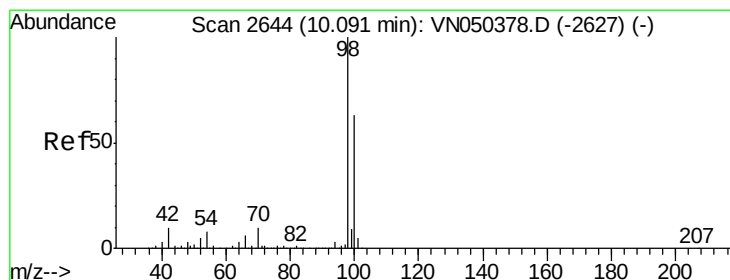
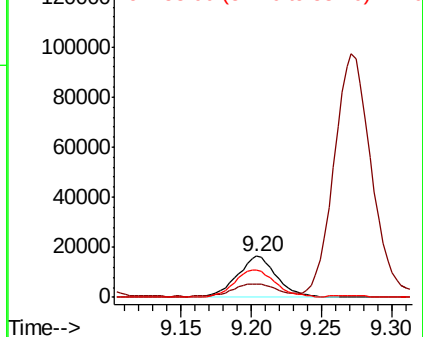
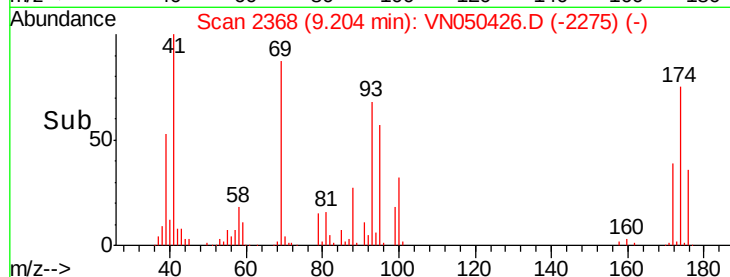
58 70.4 57.3 85.9



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: 50.14 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050426.D

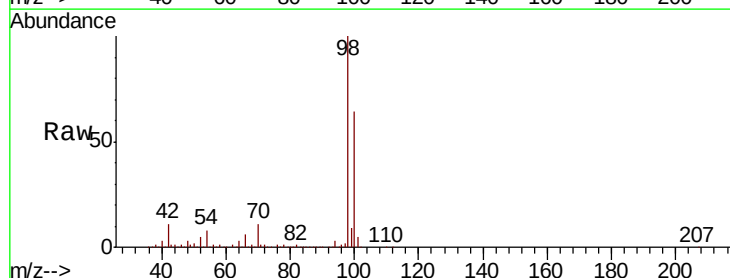
Acq: 7 Aug 2018 12:57

Tgt Ion: 98 Resp: 1416449

Ion Ratio Lower Upper

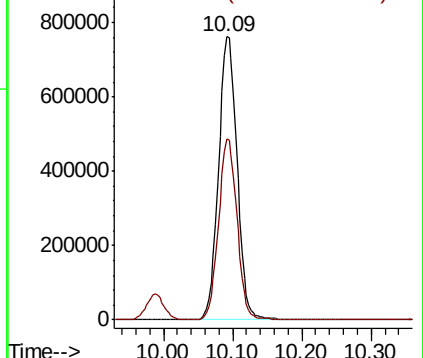
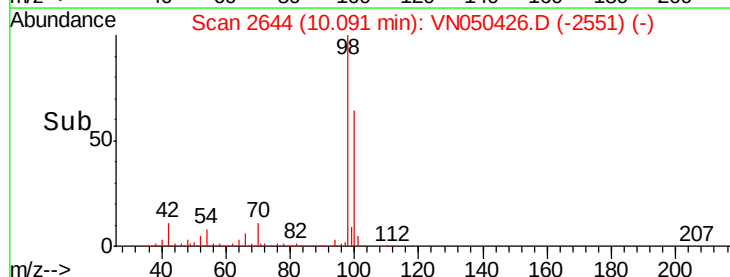
98 100

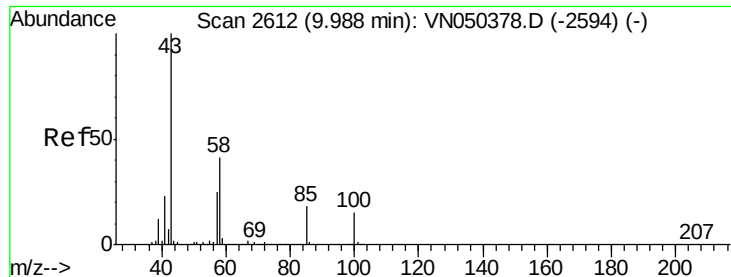
100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

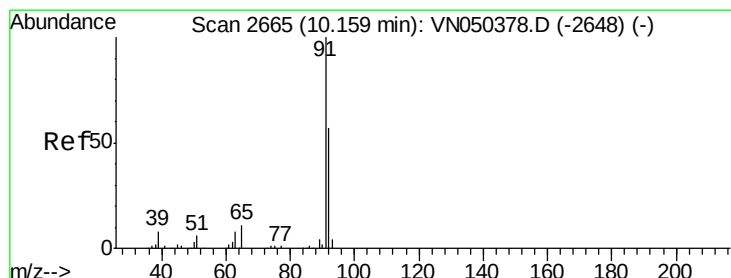
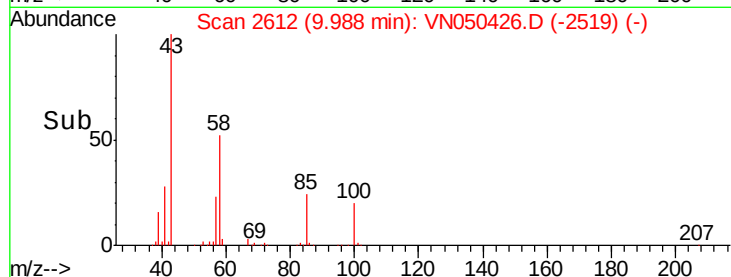
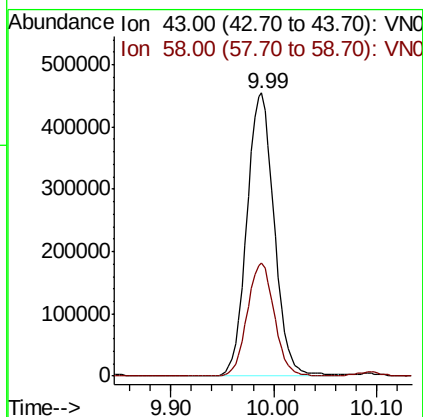
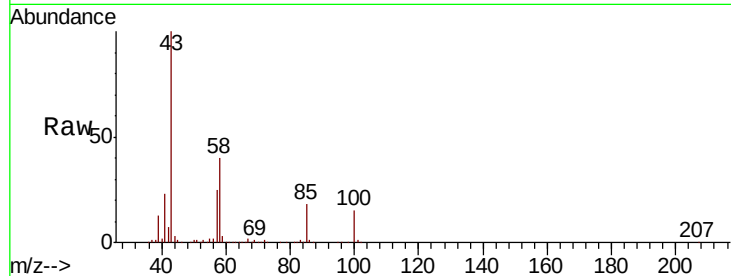




#51
 4-Methyl-2-Pentanone
 Concen: 90.50 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

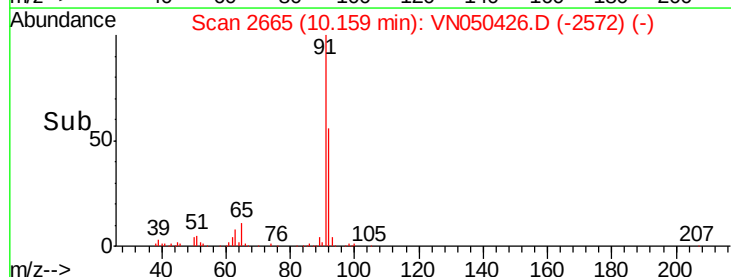
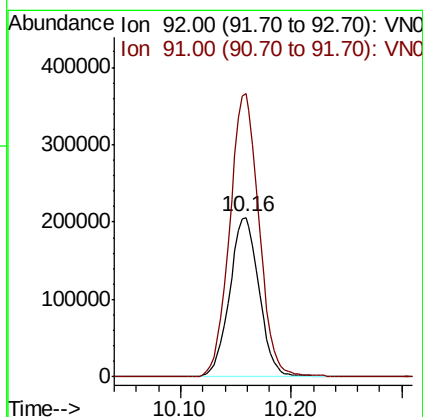
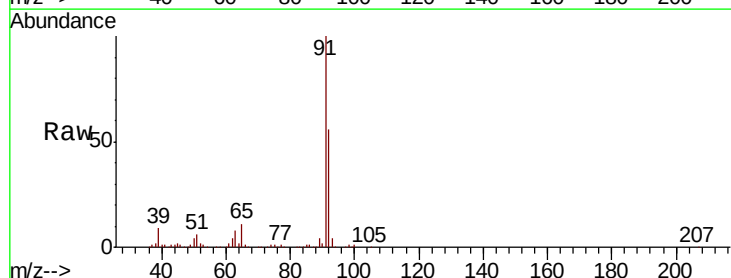
Instrument :
 MSVOA_N
 ClientSampled :
 VN0807MBS01

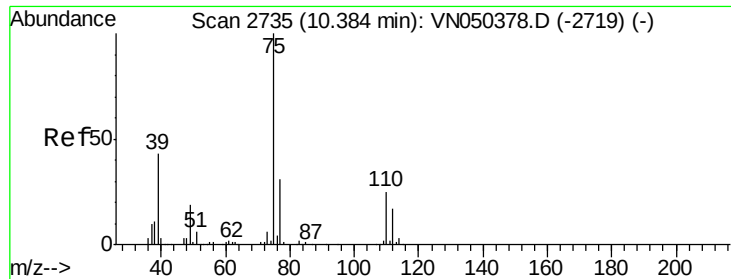
Tot Ion: 43 Resp: 833629
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9



#52
 Toluene
 Concen: 20.08 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion: 92 Resp: 381619
 Ion Ratio Lower Upper
 92 100
 91 177.1 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 18.80 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

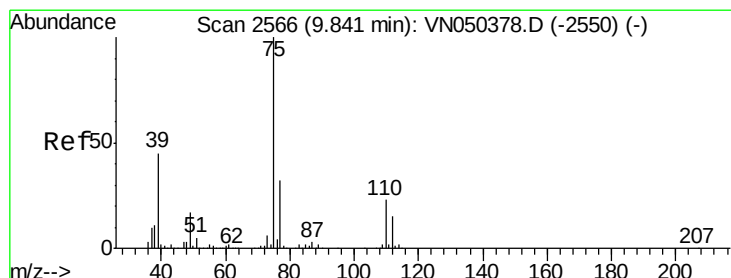
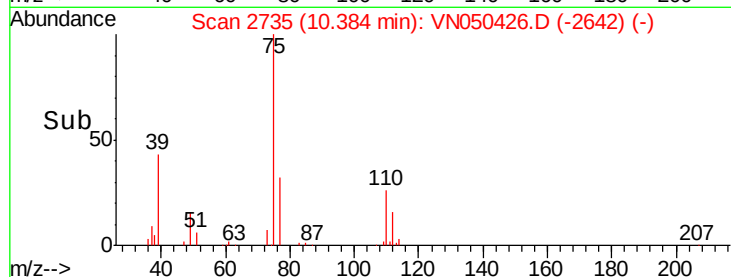
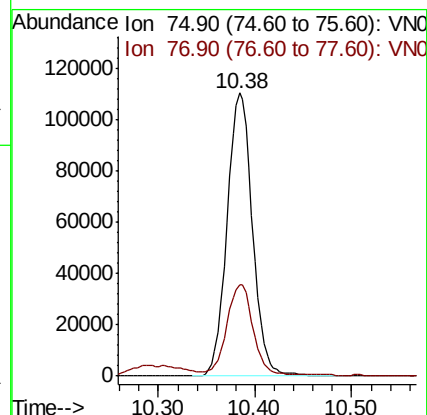
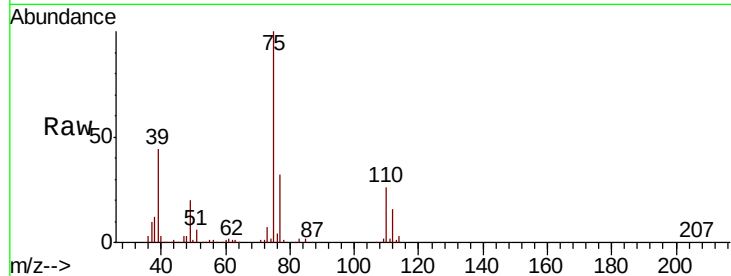
VN0807MBS01

Tot Ion: 75 Resp: 200796

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.62 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

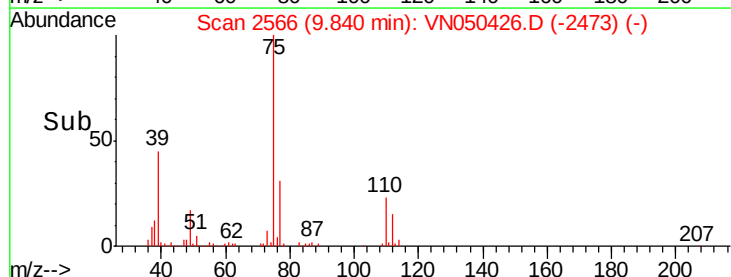
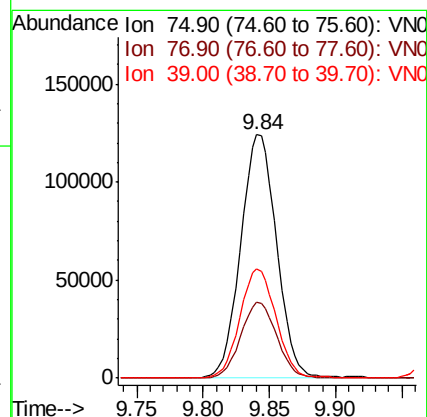
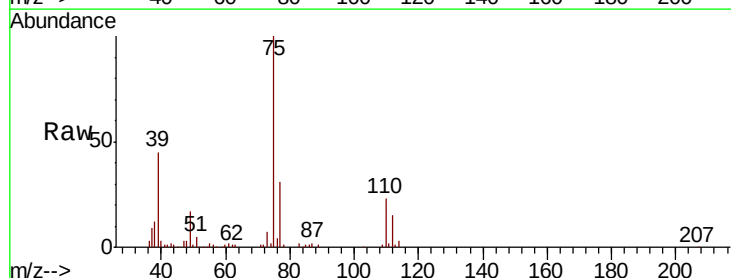
Tgt Ion: 75 Resp: 233867

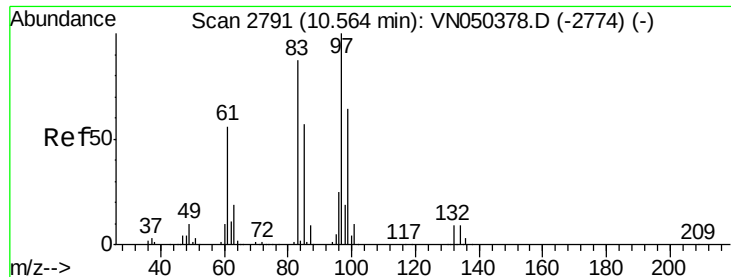
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 44.9 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 19.42 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0807MBS01

Tot Ion: 97 Resp: 144078

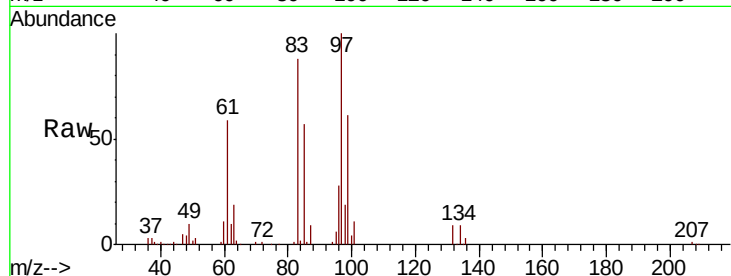
Ion Ratio Lower Upper

97 100

83 88.5 69.2 103.8

85 57.0 44.0 66.0

99 61.3 49.9 74.9

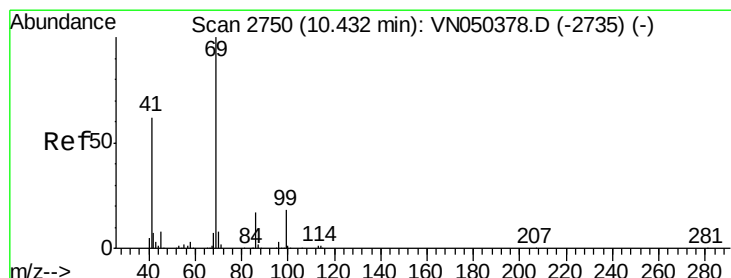
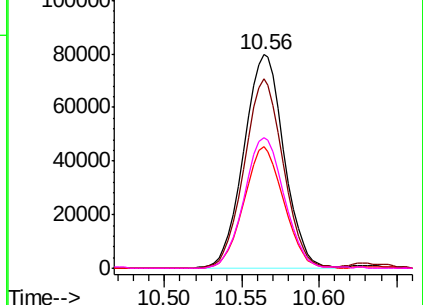
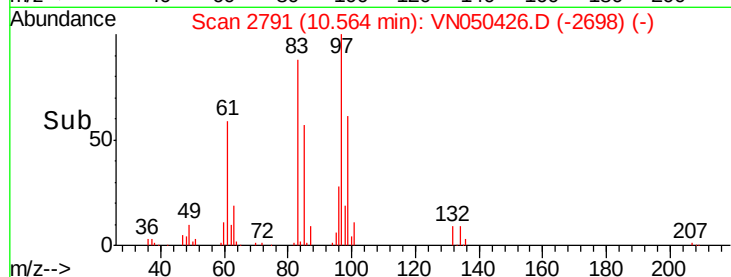


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.25 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

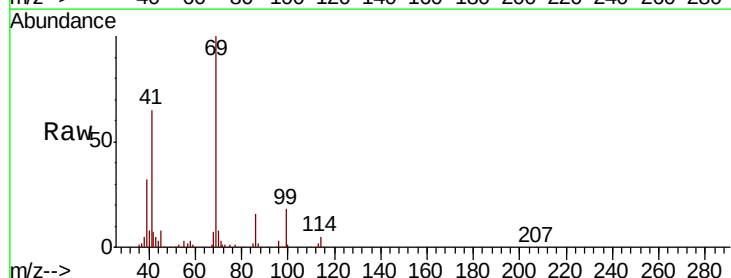
Tgt Ion: 69 Resp: 168908

Ion Ratio Lower Upper

69 100

41 63.3 51.0 76.4

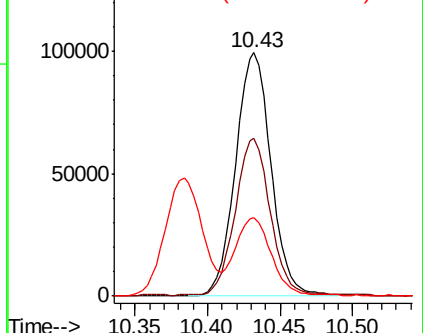
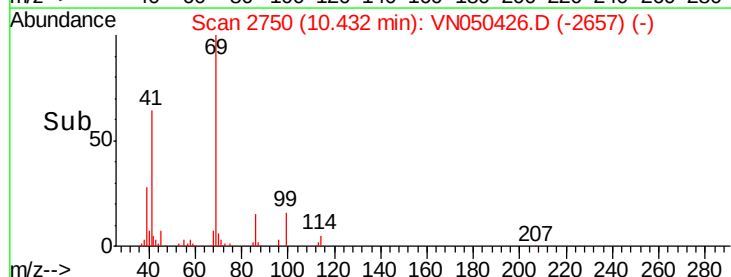
39 32.6 26.6 40.0

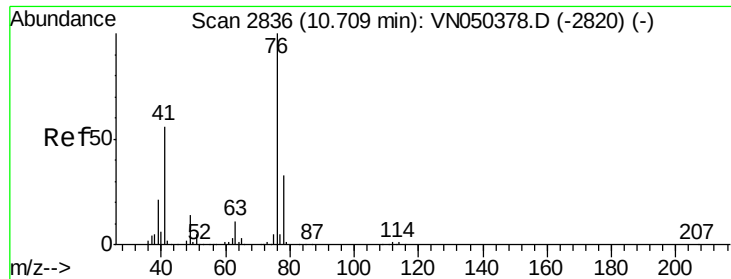


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.59 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

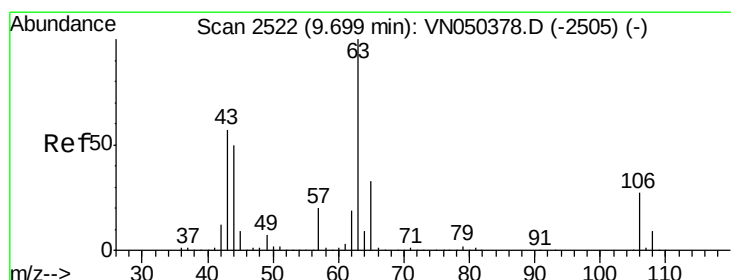
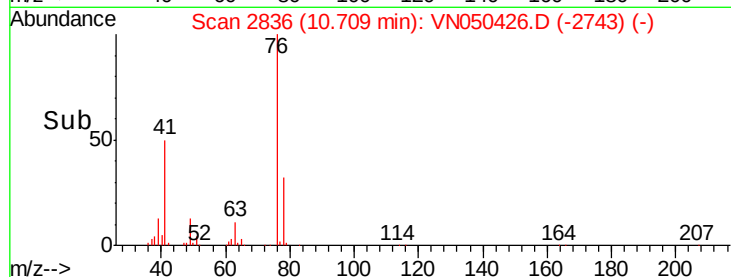
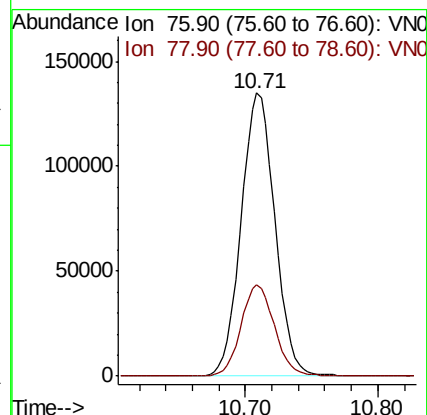
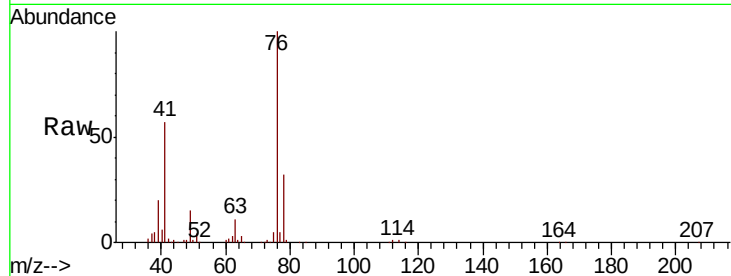
VN0807MBS01

Tot Ion: 76 Resp: 238566

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.89 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VN050426.D

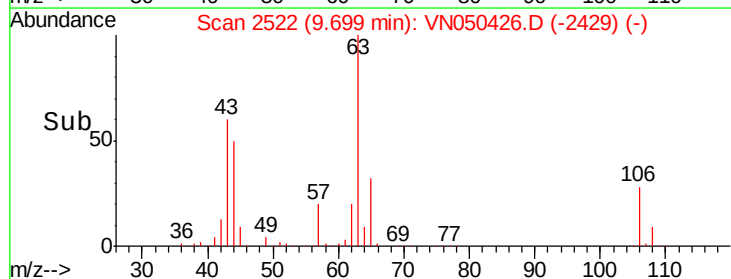
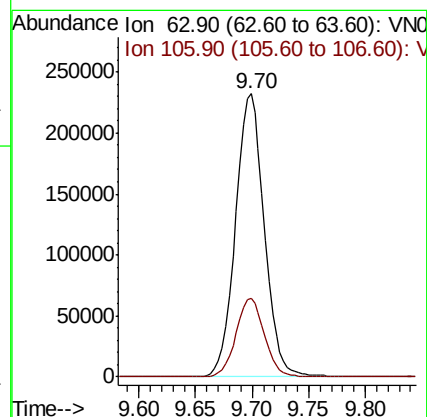
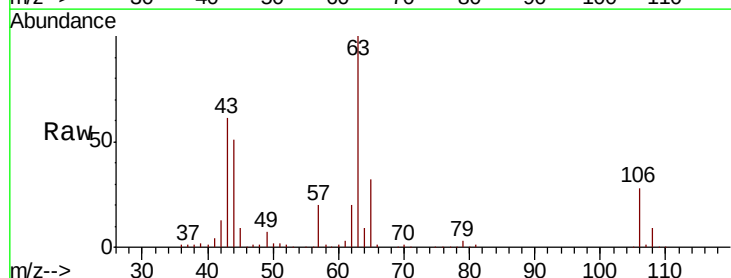
Acq: 7 Aug 2018 12:57

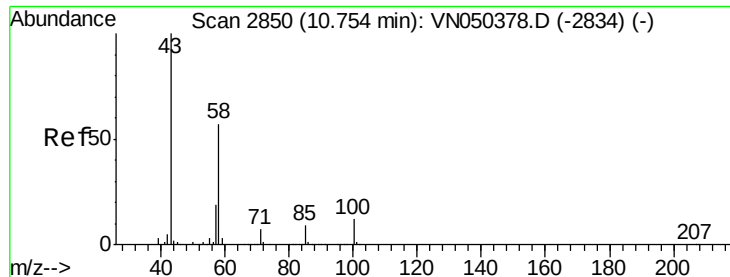
Tgt Ion: 63 Resp: 410922

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5





#59

2-Hexanone

Concen: 87.19 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

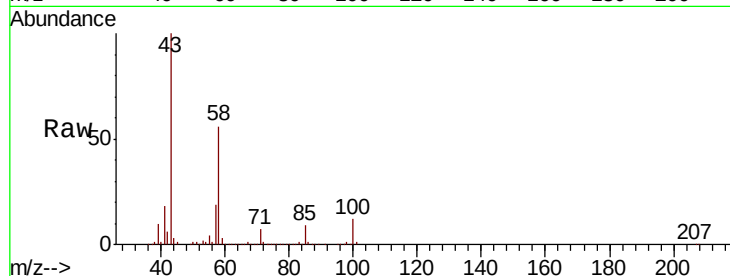
VN0807MBS01

Tot Ion: 43 Resp: 560545

Ion Ratio Lower Upper

43 100

58 54.9 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2834) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-2834) (-)

10.75

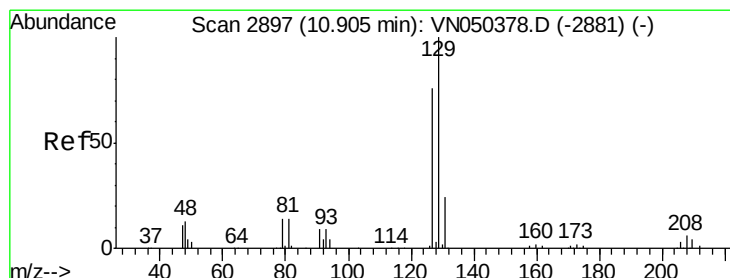
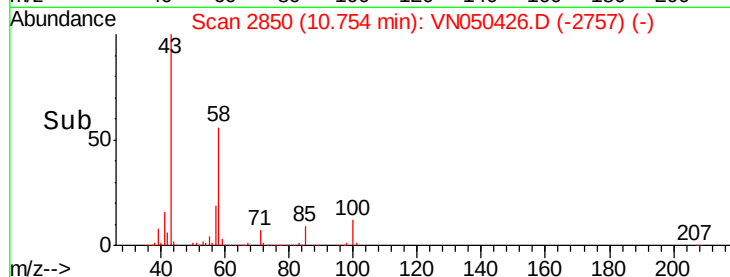
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 19.25 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN050426.D

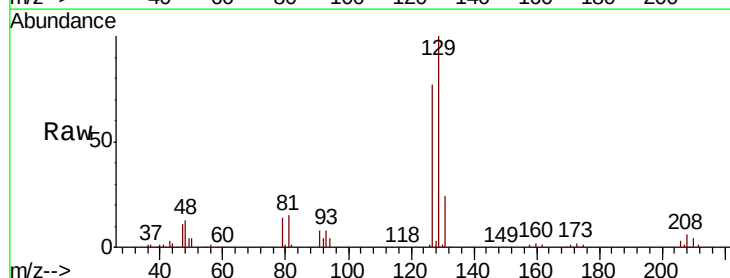
Acq: 7 Aug 2018 12:57

Tgt Ion: 129 Resp: 157338

Ion Ratio Lower Upper

129 100

127 78.0 38.0 113.9



Abundance Ion 128.80 (128.50 to 129.50): VN050378.D (-2881) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-2881) (-)

10.90

100000

80000

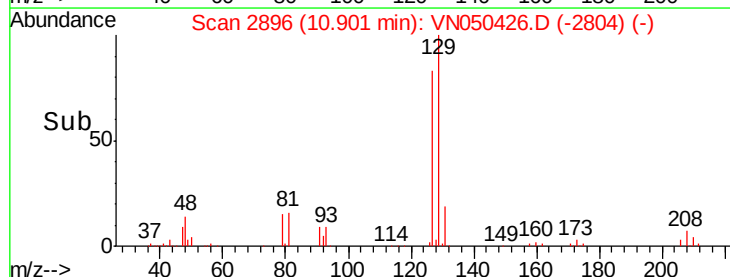
60000

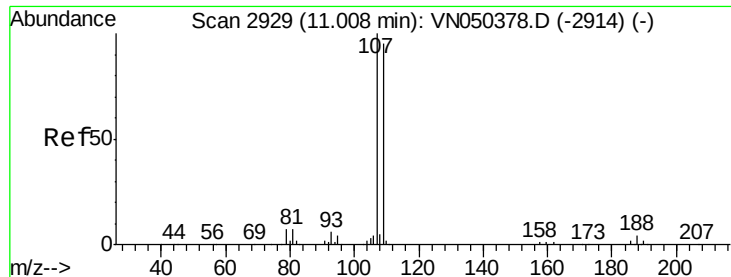
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 18.92 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

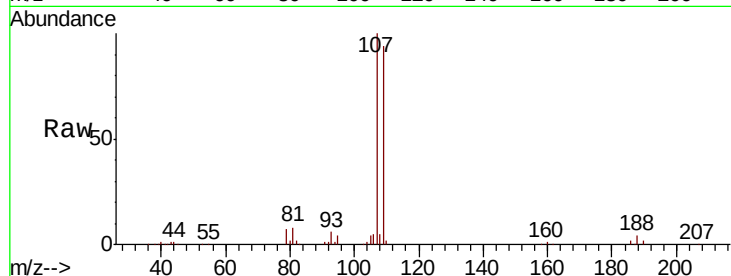
VN0807MBS01

Tot Ion:107 Resp: 138375

Ion Ratio Lower Upper

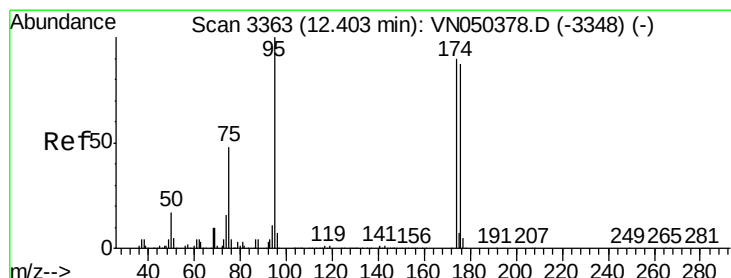
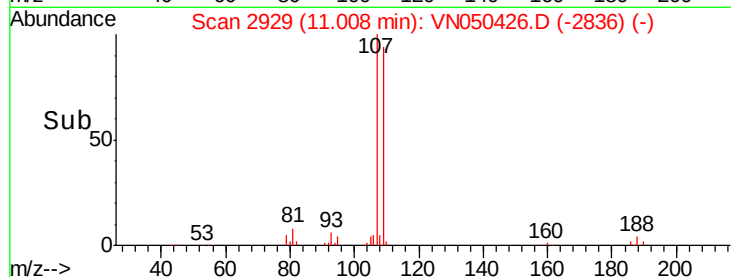
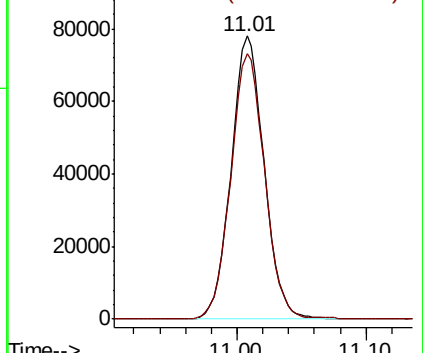
107 100

109 96.5 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

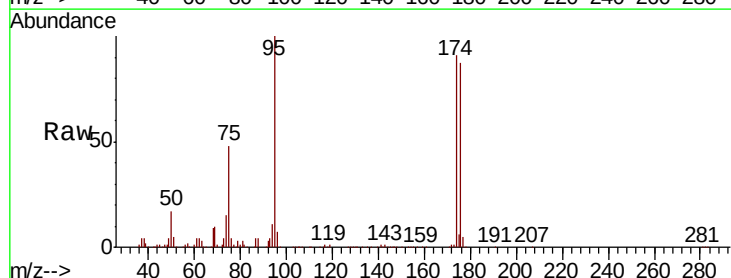
Tgt Ion: 95 Resp: 455489

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.2

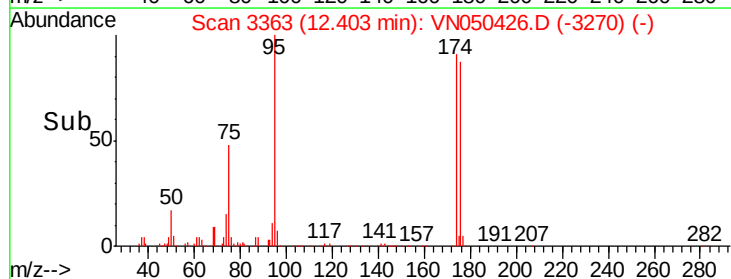
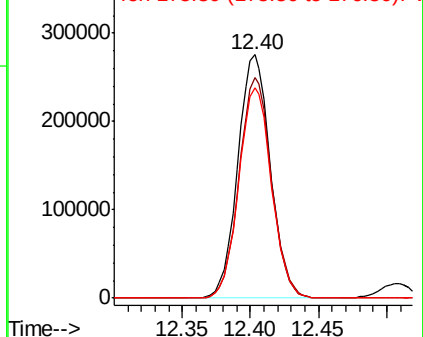
176 86.7 0.0 173.4

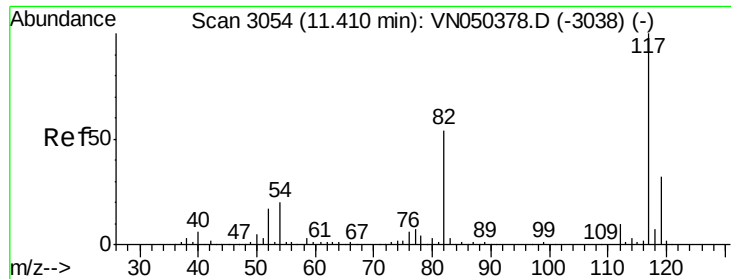


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

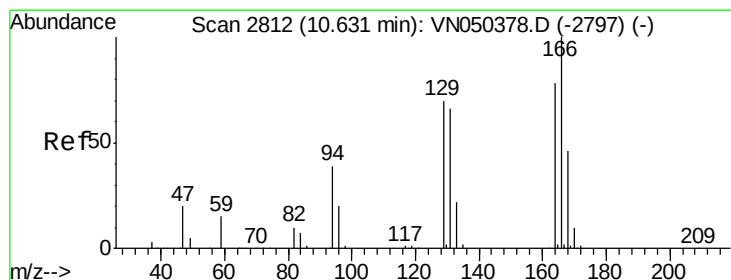
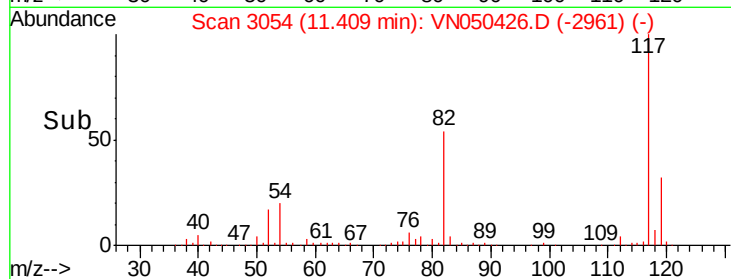
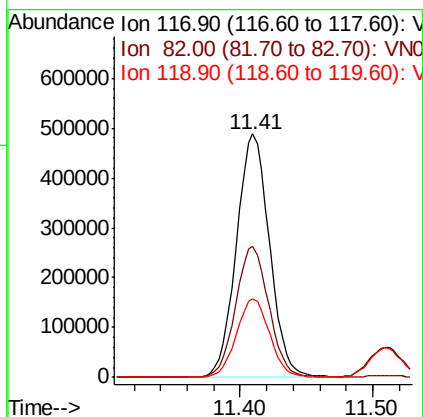
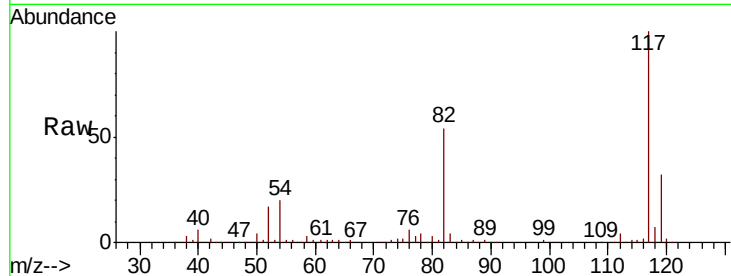




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

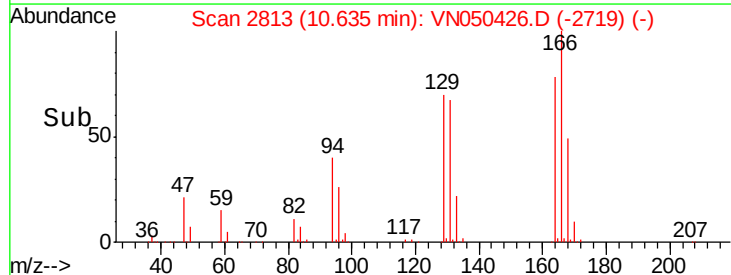
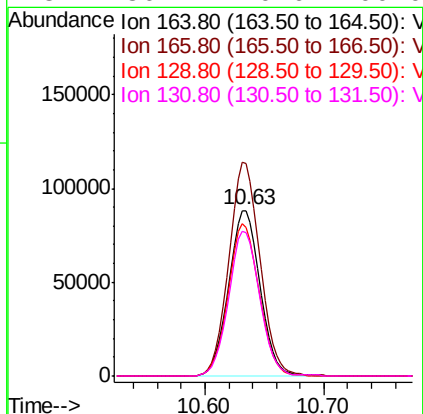
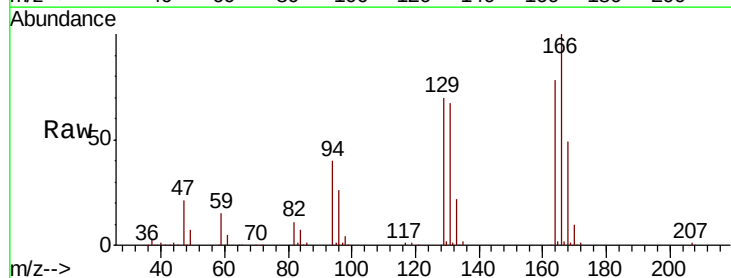
Instrument :
MSVOA_N
ClientSampleId :
VN0807MBS01

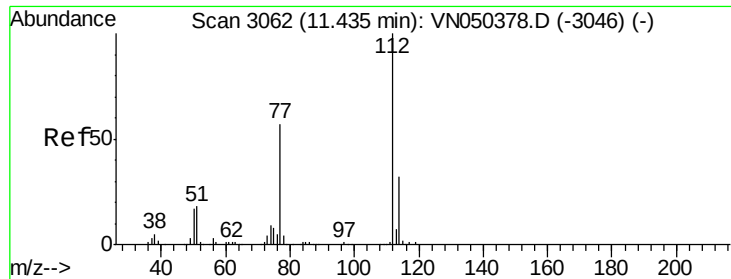
Tot Ion:117 Resp: 848017
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion:164 Resp: 161820
Ion Ratio Lower Upper
164 100
166 128.6 102.1 153.1
129 89.9 73.2 109.8
131 86.4 70.6 106.0

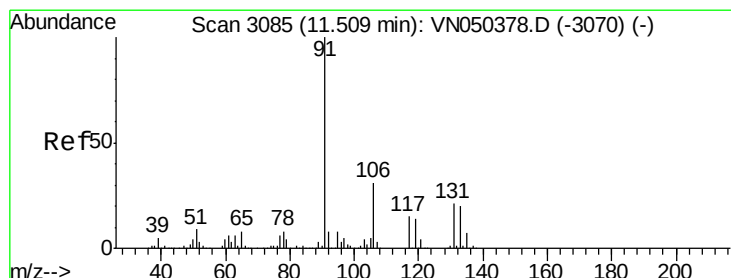
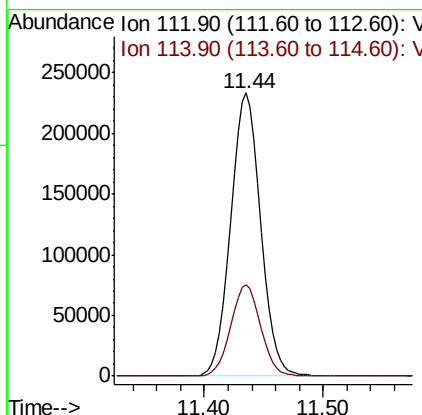
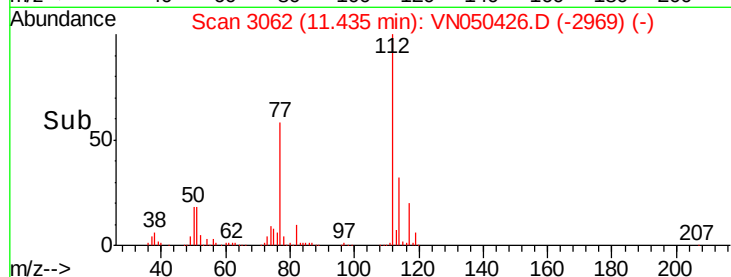
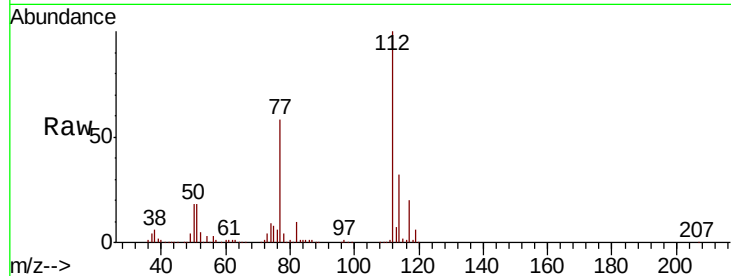




#65
Chlorobenzene
Concen: 19.08 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

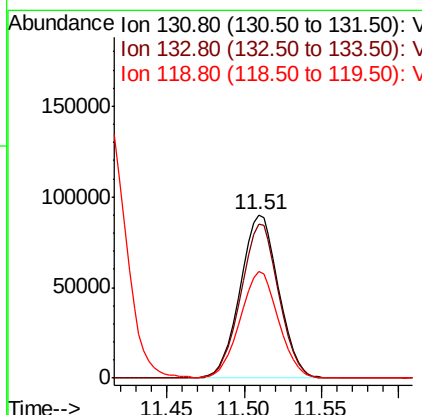
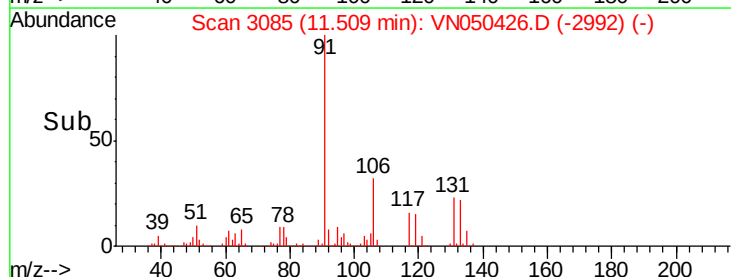
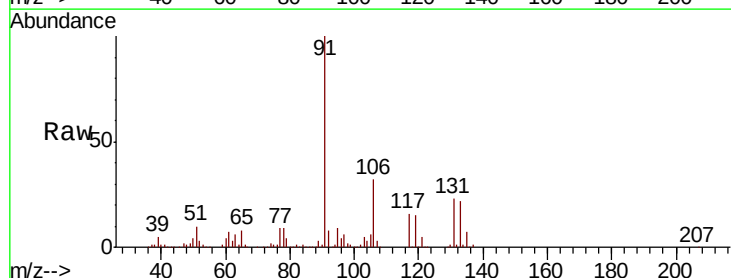
Instrument :
MSVOA_N
ClientSampled :
VN0807MBS01

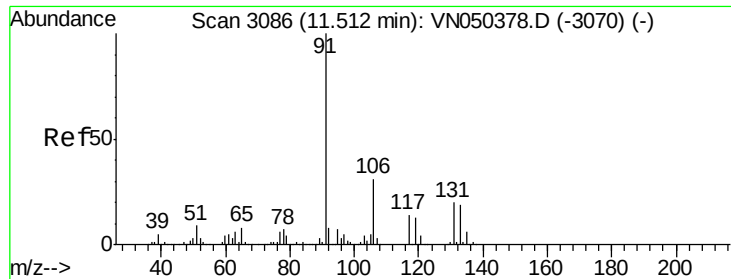
Tot Ion:112 Resp: 405730
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.09 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion:131 Resp: 155419
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.9
119 65.2 32.9 98.7





#67

Ethyl Benzene

Concen: 19.64 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

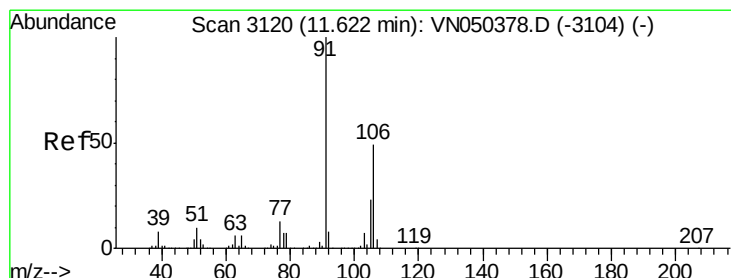
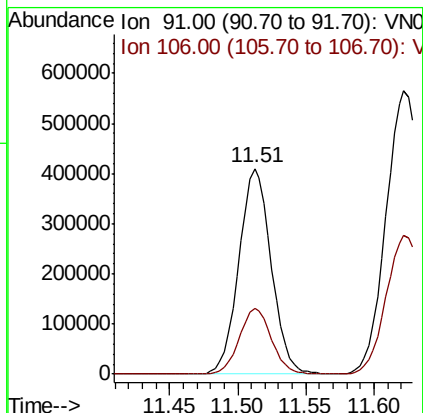
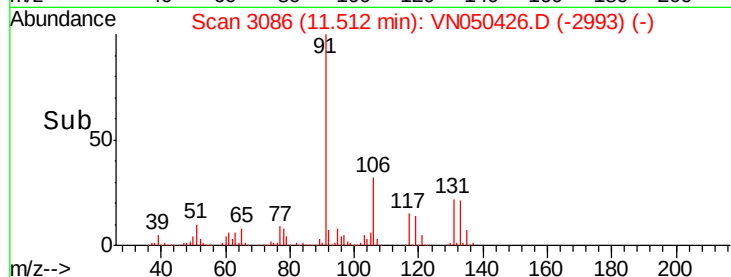
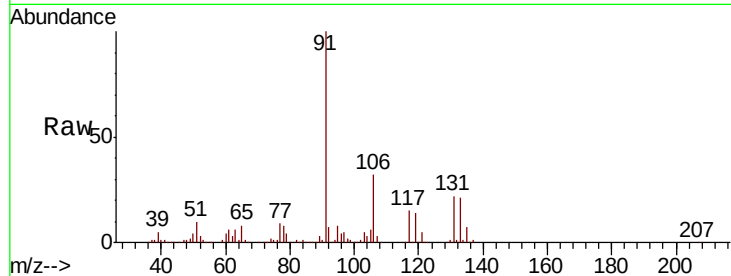
VN0807MBS01

Tot Ion: 91 Resp: 674899

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 40.51 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050426.D

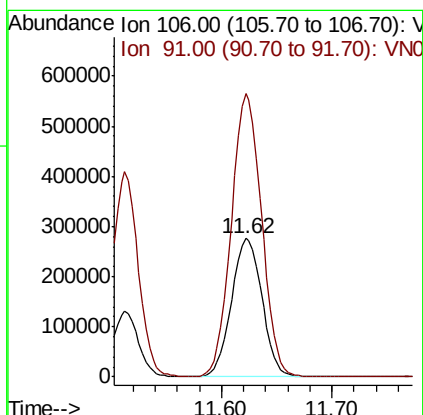
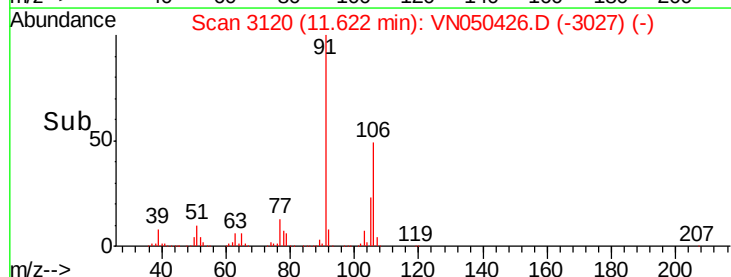
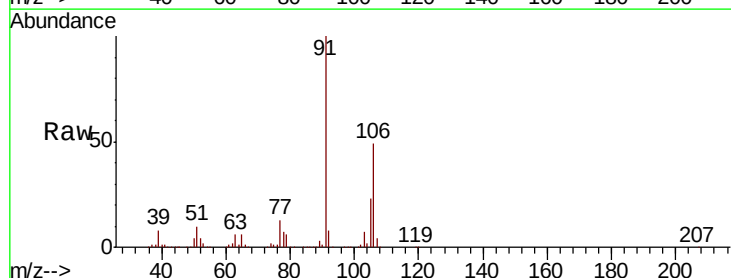
Acq: 7 Aug 2018 12:57

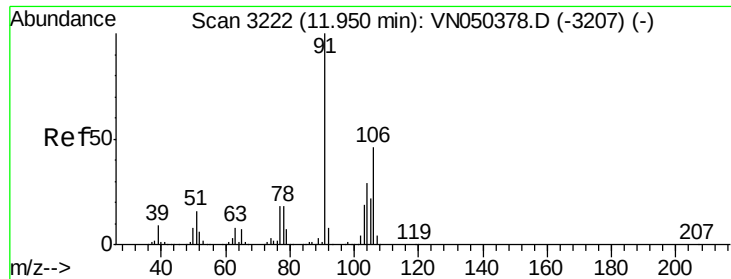
Tgt Ion: 106 Resp: 530030

Ion Ratio Lower Upper

106 100

91 202.1 162.2 243.2

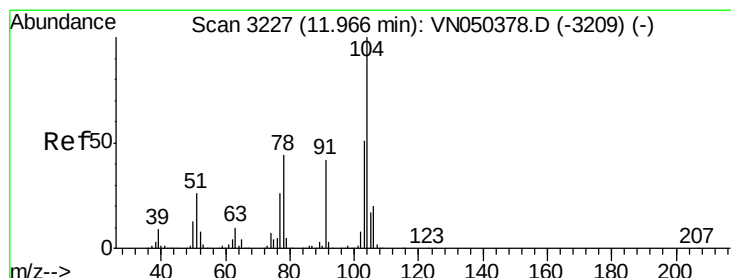
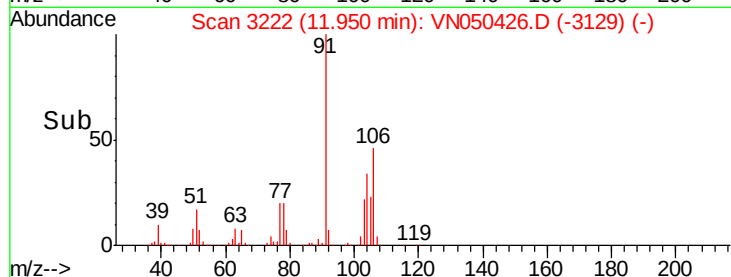
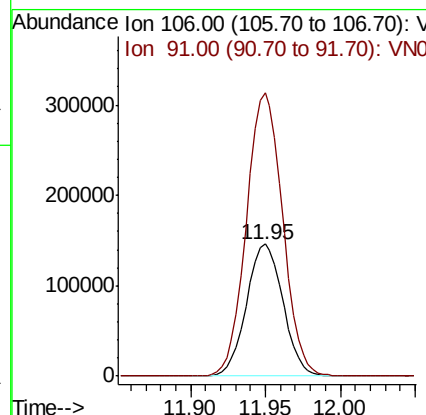
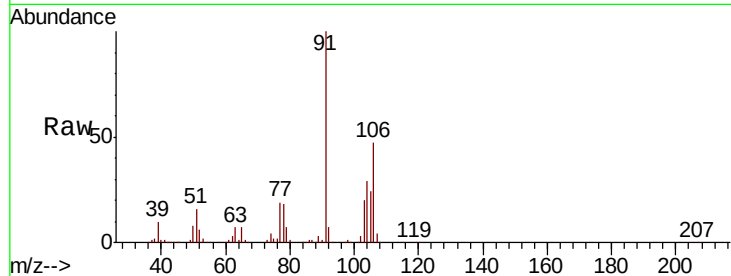




#69
o-Xylene
Concen: 19.66 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

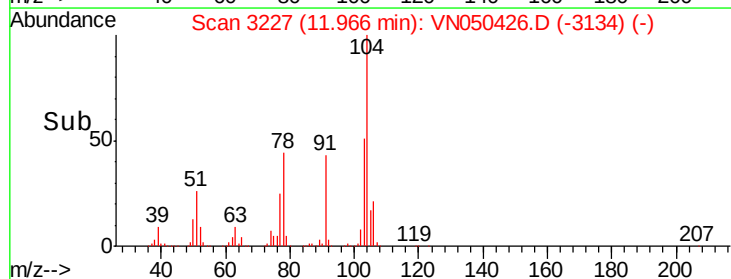
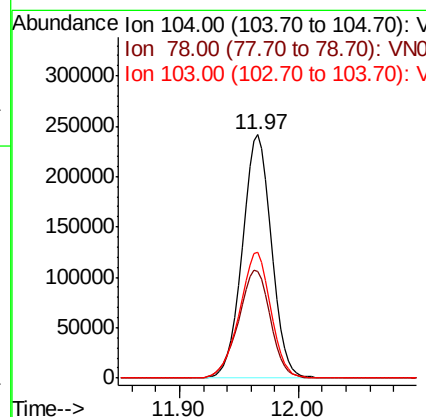
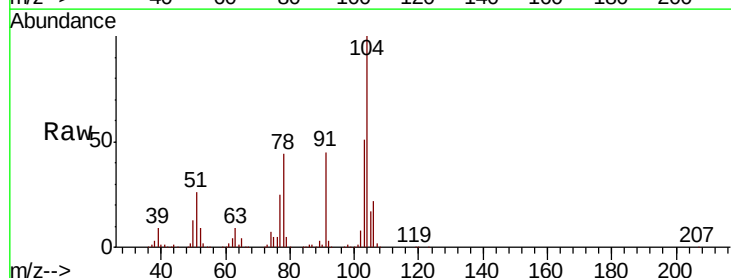
Instrument :
MSVOA_N
ClientSampled :
VN0807MBS01

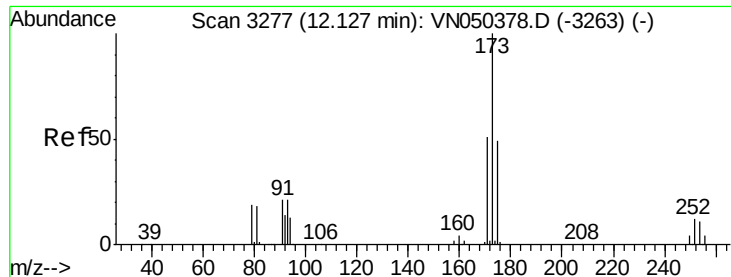
Tot Ion:106 Resp: 247779
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.1



#70
Styrene
Concen: 20.02 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050426.D
Acq: 7 Aug 2018 12:57

Tgt Ion:104 Resp: 410274
Ion Ratio Lower Upper
104 100
78 49.0 39.3 58.9
103 55.4 45.0 67.6





#71

Bromoform

Concen: 18.84 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

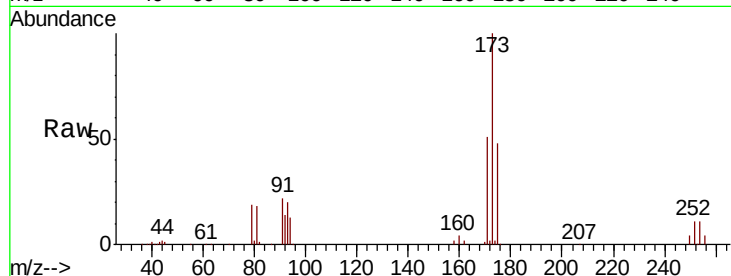
Tot Ion:173 Resp: 106564

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

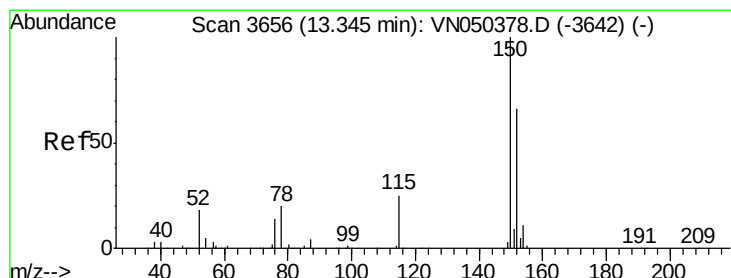
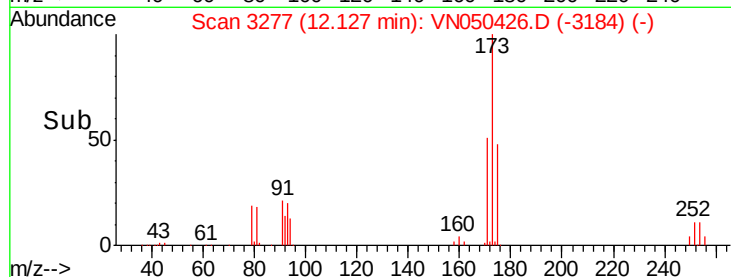
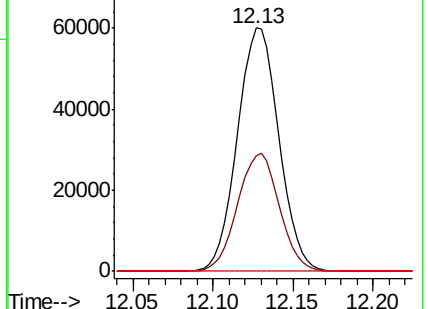
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

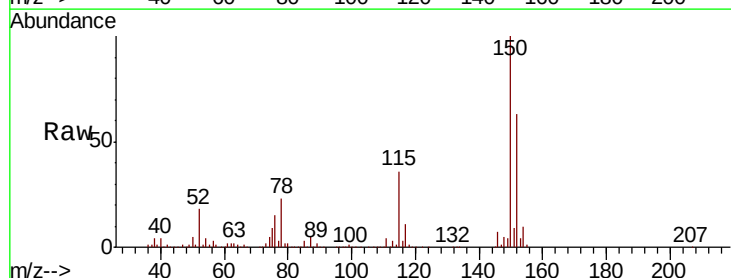
Tgt Ion:152 Resp: 431360

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

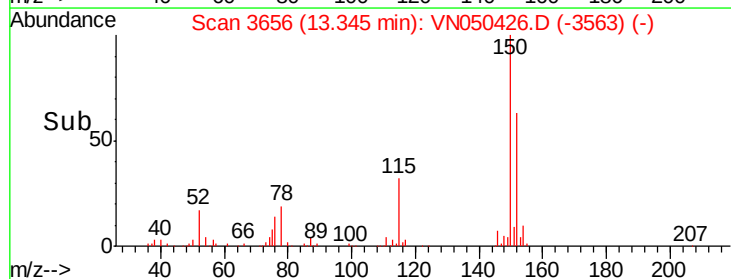
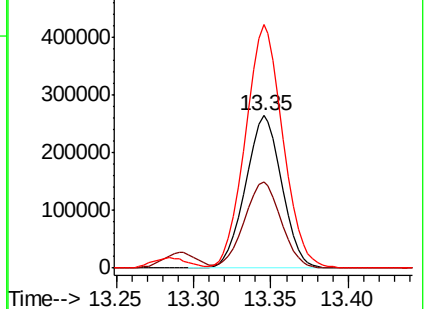
150 164.8 0.0 348.6

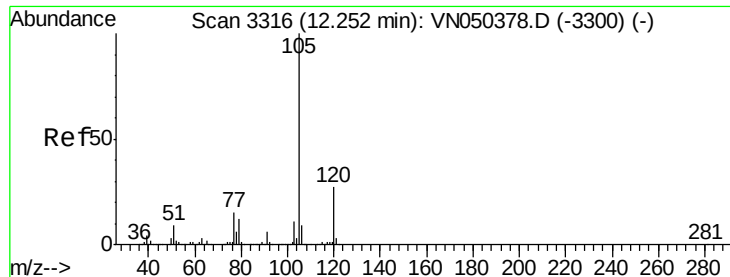


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.24 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

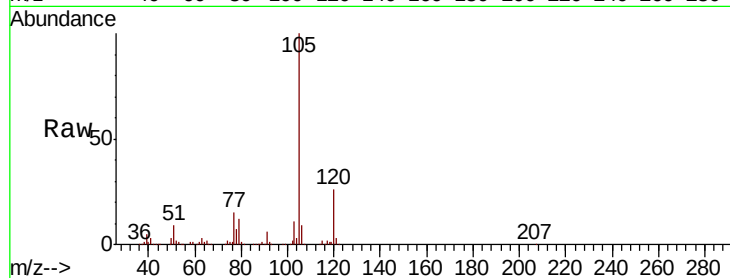
VN0807MBS01

Tot Ion:105 Resp: 655502

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

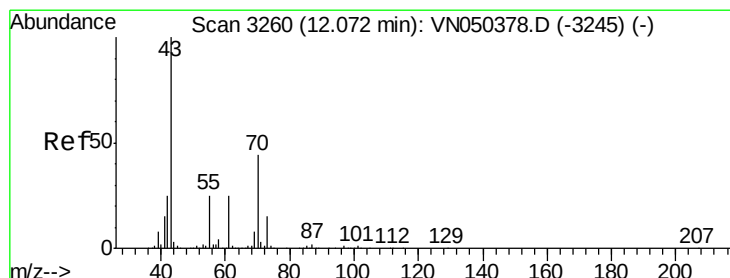
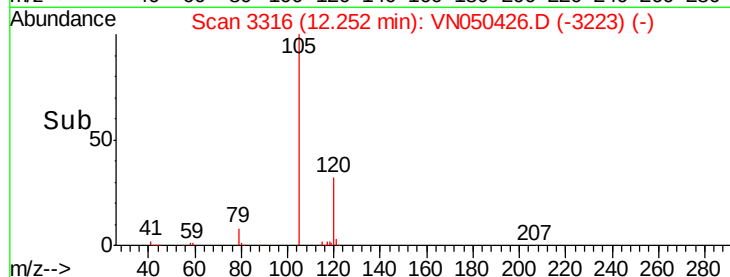
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 17.87 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Tgt Ion: 43 Resp: 187576

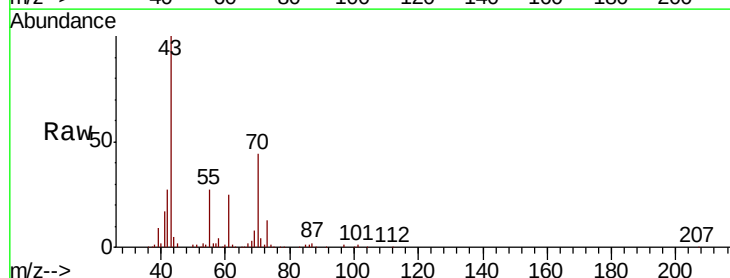
Ion Ratio Lower Upper

43 100

70 43.6 34.4 51.6

55 27.4 20.8 31.2

61 24.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

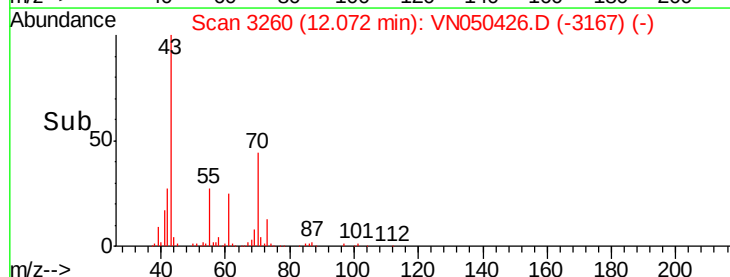
150000

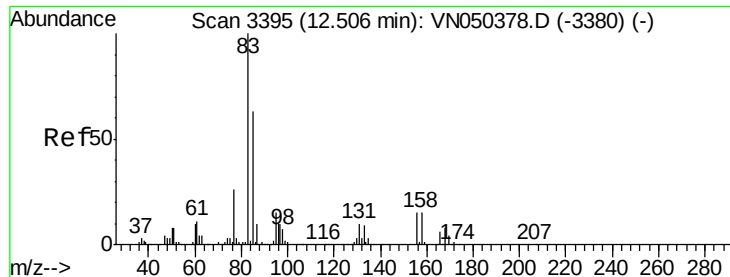
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.18 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0807MBS01

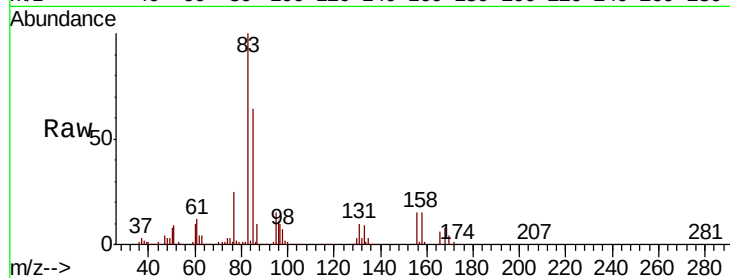
Tot Ion: 83 Resp: 179198

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

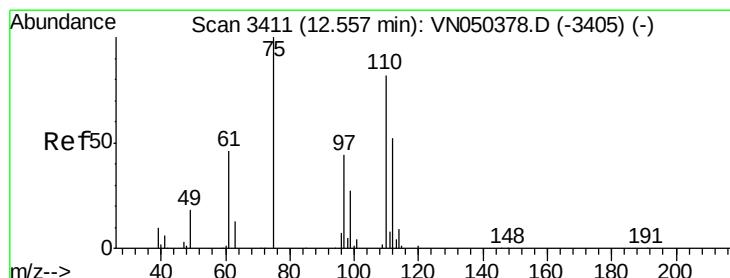
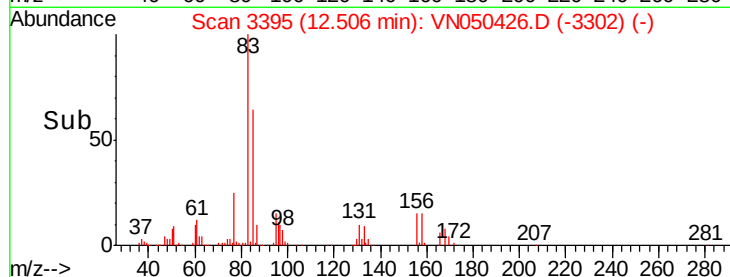
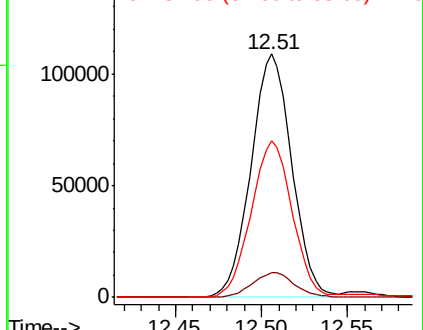
85 64.7 32.3 96.8



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: 27.13 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN050426.D

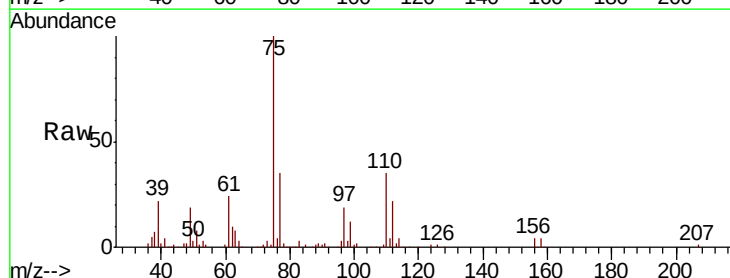
Acq: 7 Aug 2018 12:57

Tgt Ion: 75 Resp: 211848

Ion Ratio Lower Upper

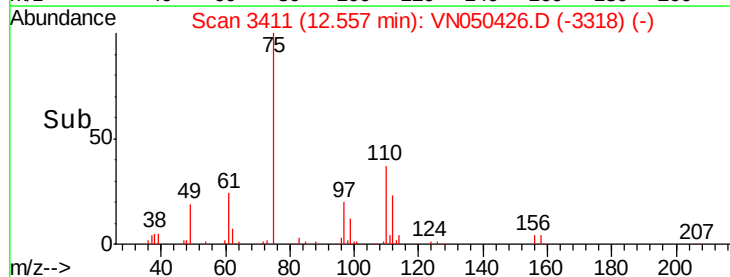
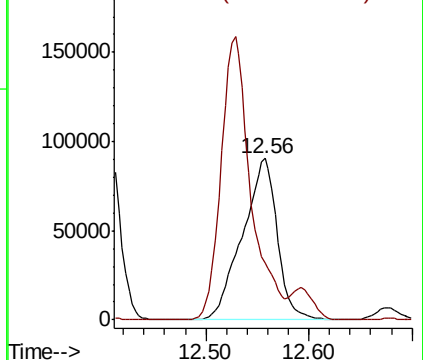
75 100

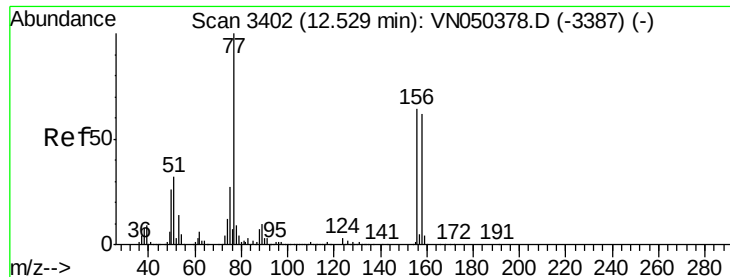
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.04 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0807MBS01

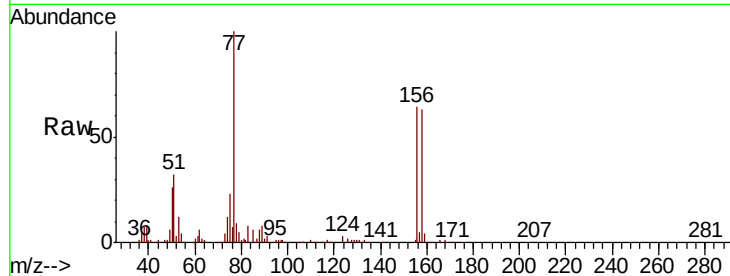
Tot Ion:156 Resp: 173840

Ion Ratio Lower Upper

156 100

77 183.6 91.7 275.1

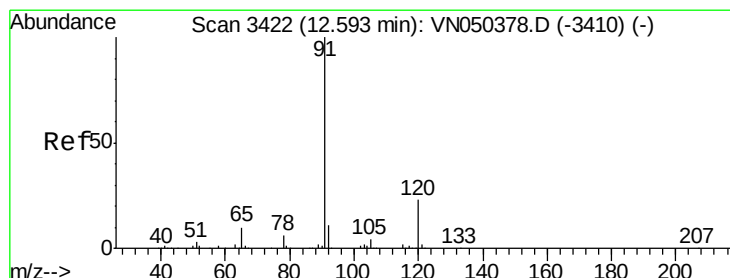
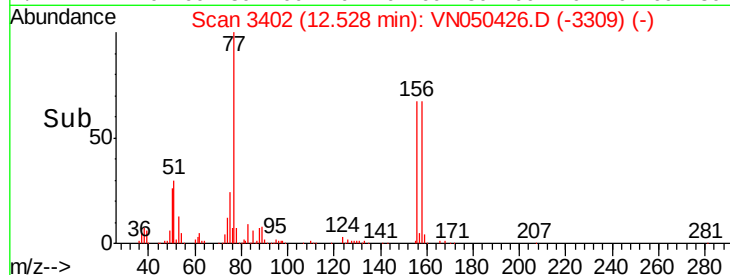
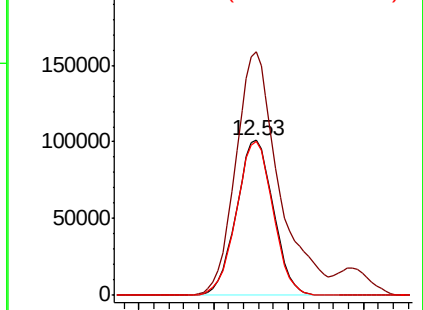
158 98.2 48.9 146.6



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: 20.51 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050426.D

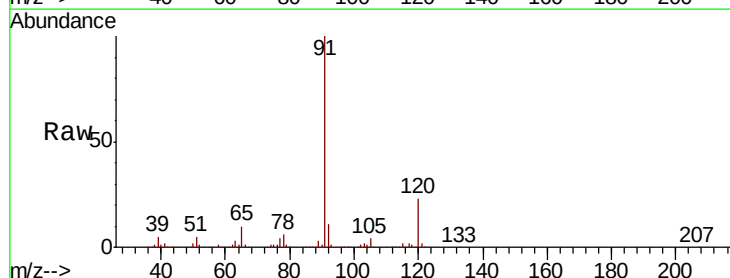
Acq: 7 Aug 2018 12:57

Tgt Ion: 91 Resp: 751572

Ion Ratio Lower Upper

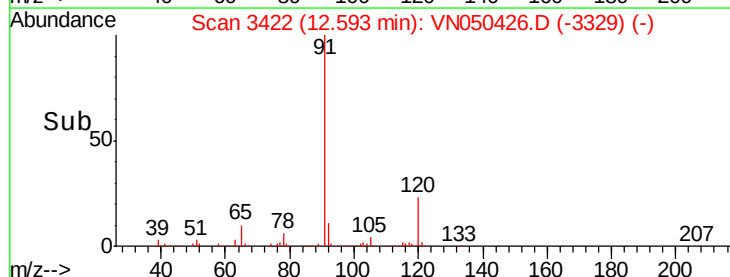
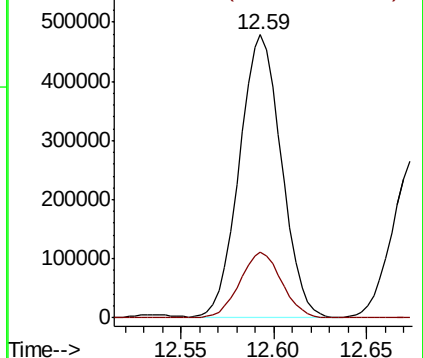
91 100

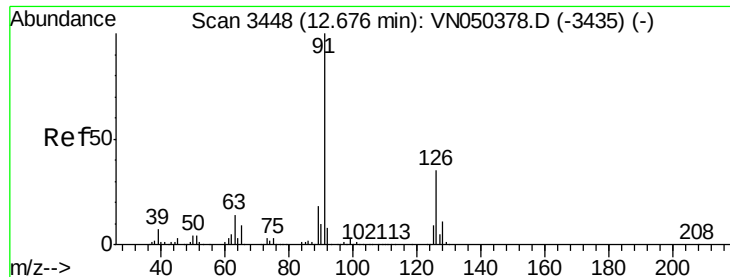
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.28 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampled :

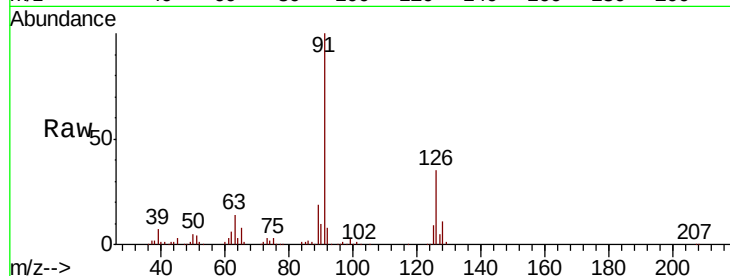
VN0807MBS01

Tot Ion: 91 Resp: 459174

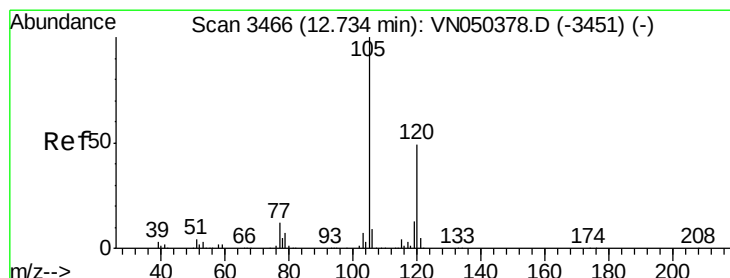
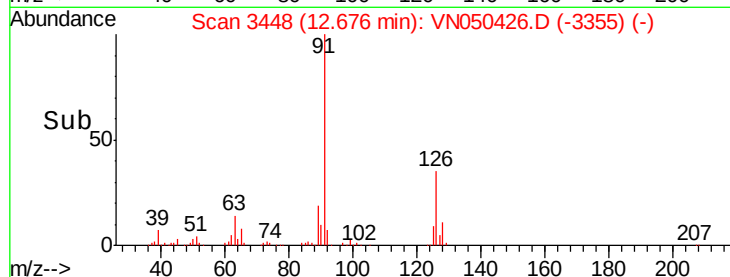
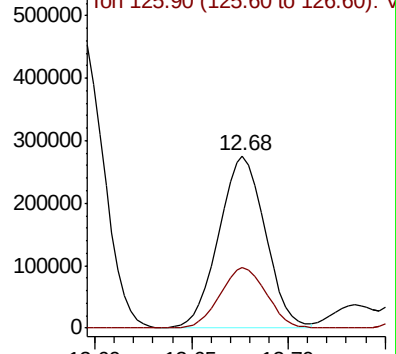
Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.89 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050426.D

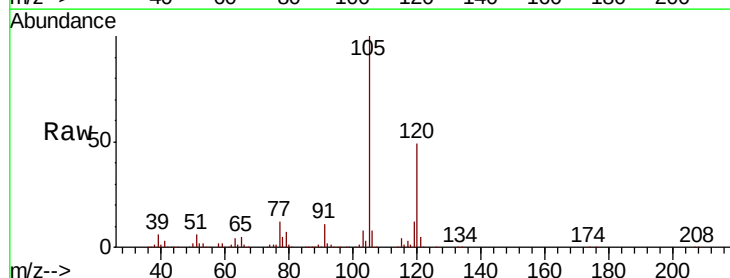
Acq: 7 Aug 2018 12:57

Tgt Ion: 105 Resp: 548988

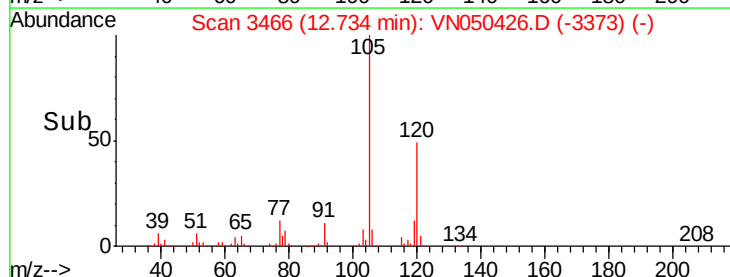
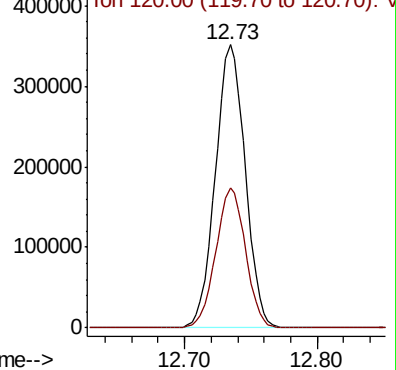
Ion Ratio Lower Upper

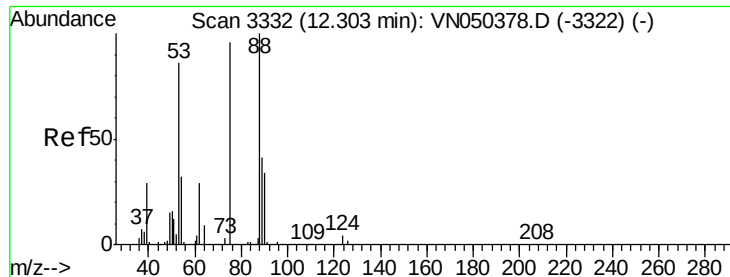
105 100

120 49.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050378.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.08 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

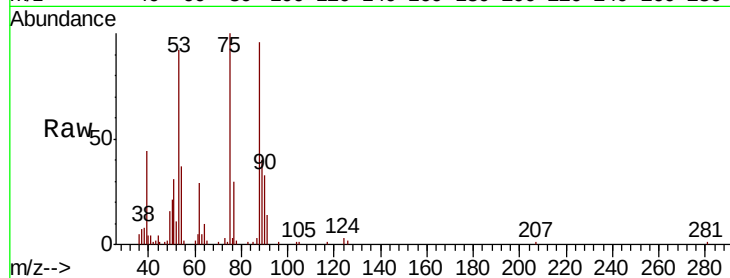
Tot Ion: 75 Resp: 44619

Ion Ratio Lower Upper

75 100

53 96.1 73.5 110.3

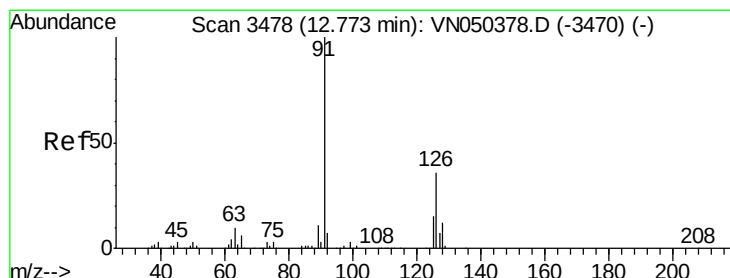
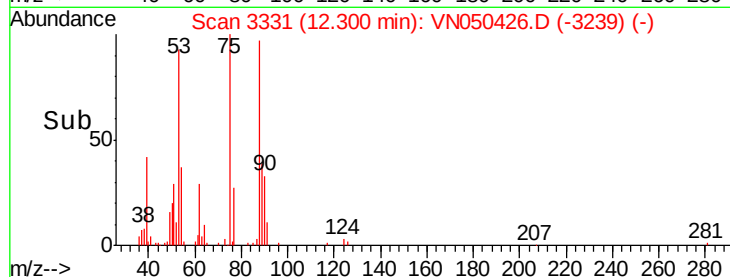
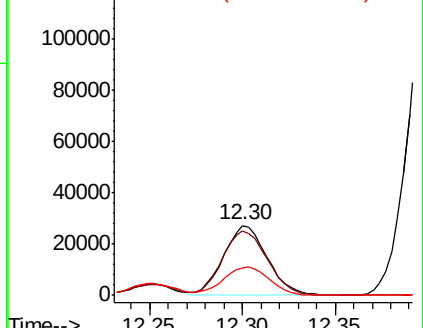
89 42.5 36.0 54.0



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: 20.38 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050426.D

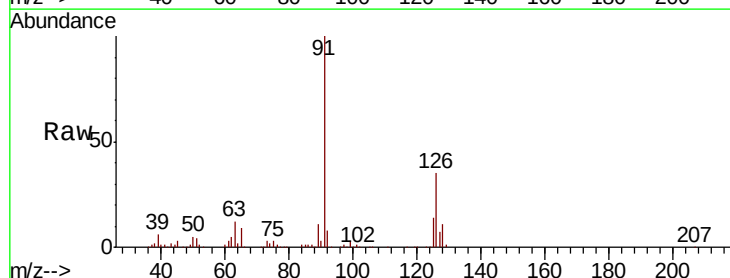
Acq: 7 Aug 2018 12:57

Tgt Ion: 91 Resp: 459962

Ion Ratio Lower Upper

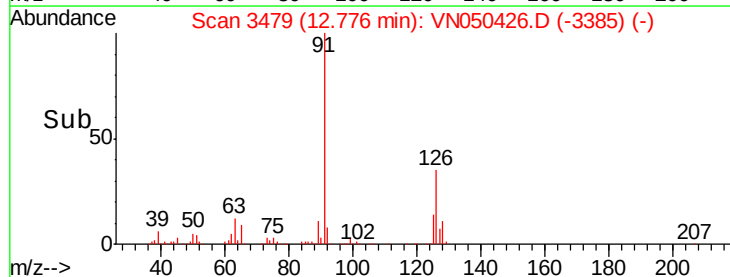
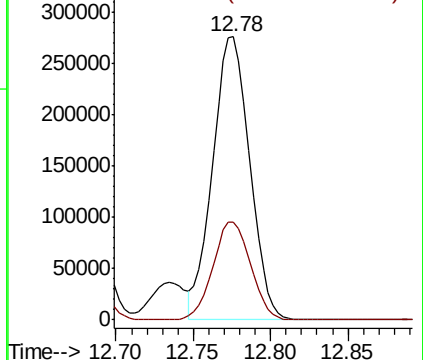
91 100

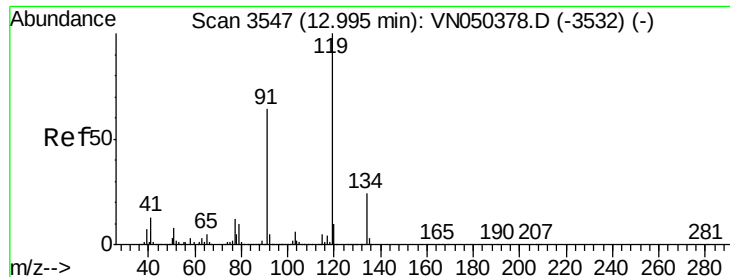
126 35.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.99 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

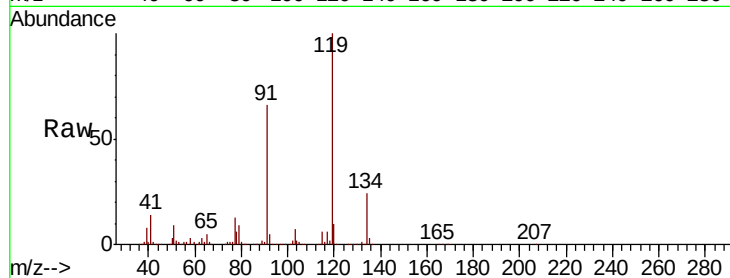
Tot Ion:119 Resp: 458481

Ion Ratio Lower Upper

119 100

91 64.3 32.1 96.3

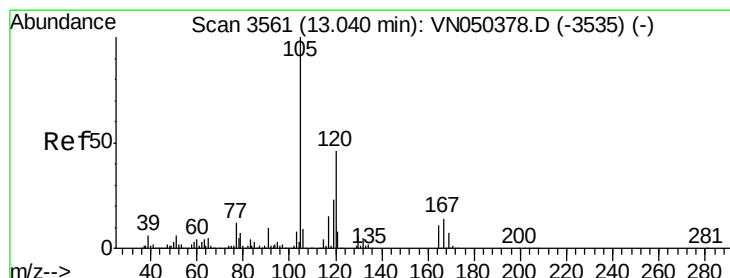
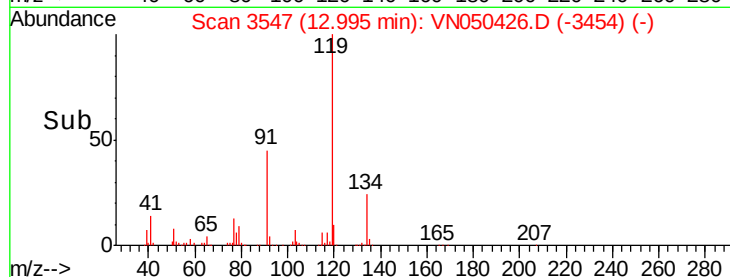
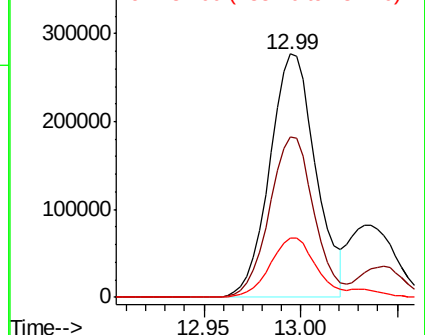
134 24.3 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.03 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050426.D

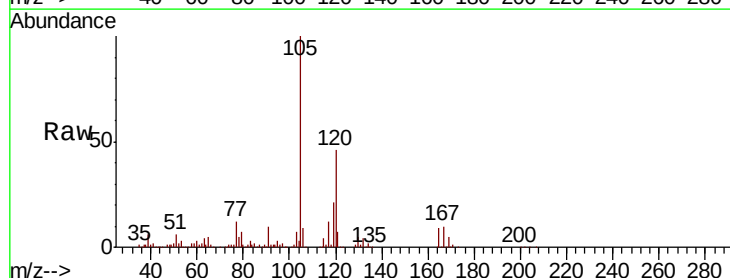
Acq: 7 Aug 2018 12:57

Tgt Ion:105 Resp: 559891

Ion Ratio Lower Upper

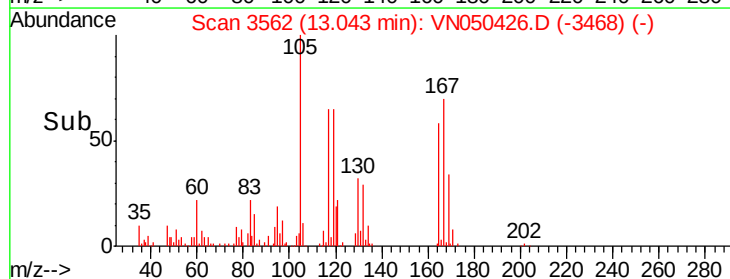
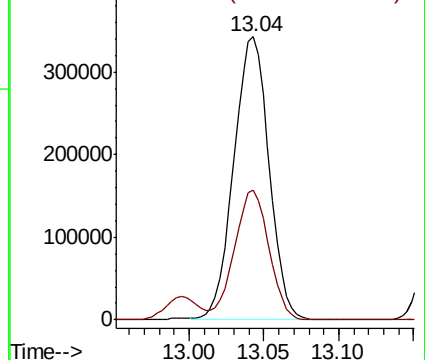
105 100

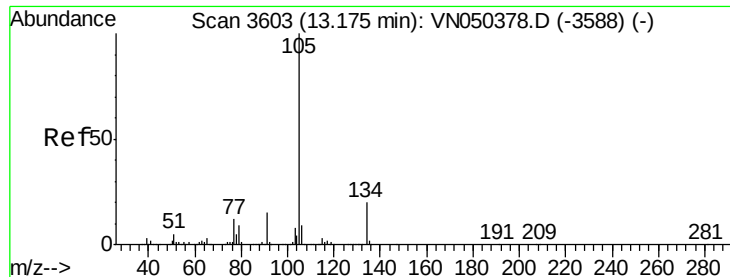
120 44.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.29 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

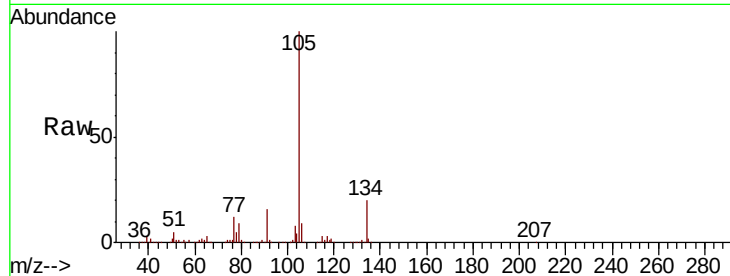
VN0807MBS01

Tot Ion:105 Resp: 620190

Ion Ratio Lower Upper

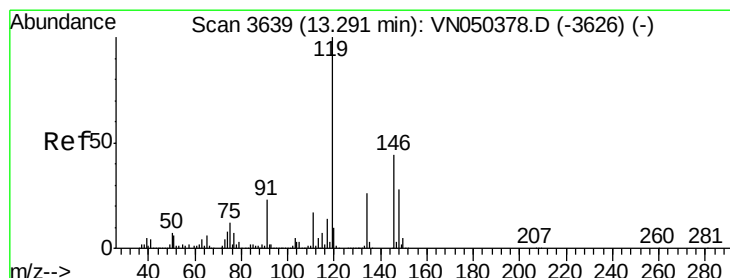
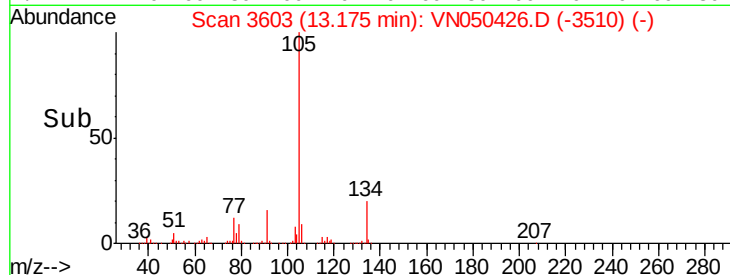
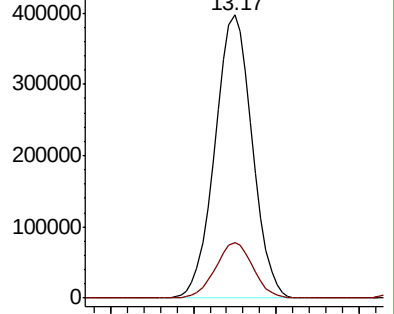
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.28 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

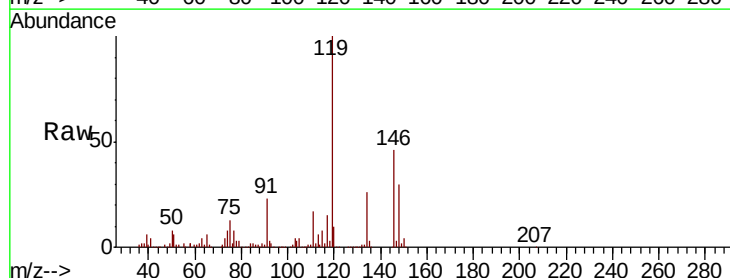
Tgt Ion:119 Resp: 531154

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

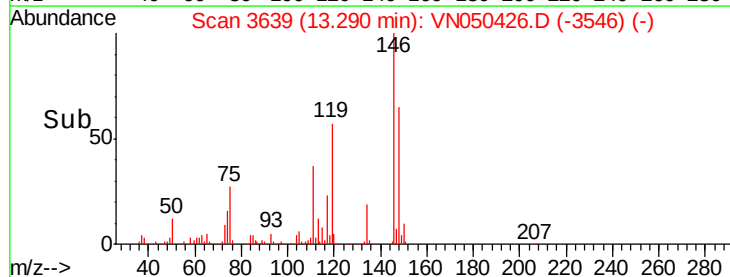
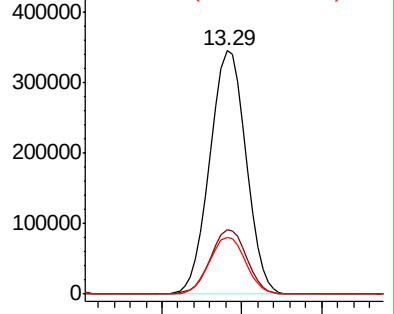
91 23.3 11.4 34.2

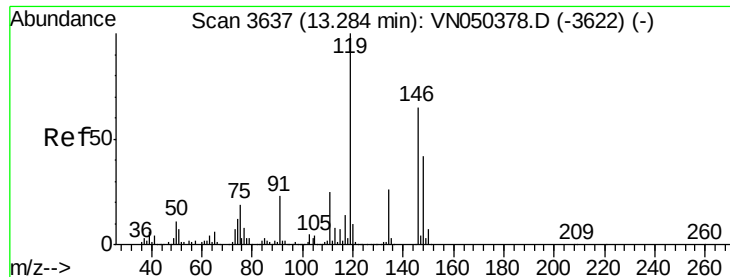


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

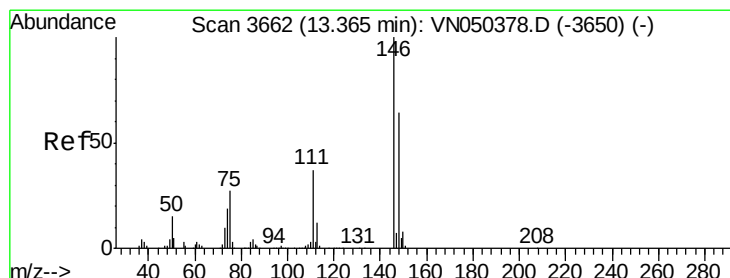
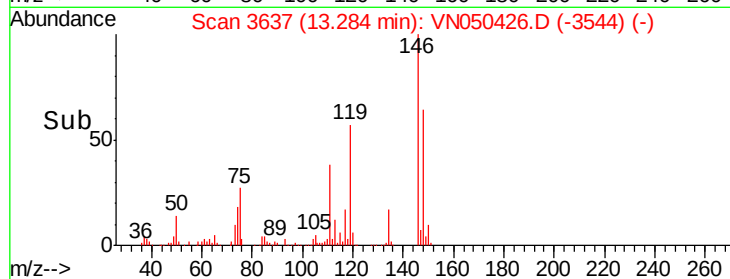
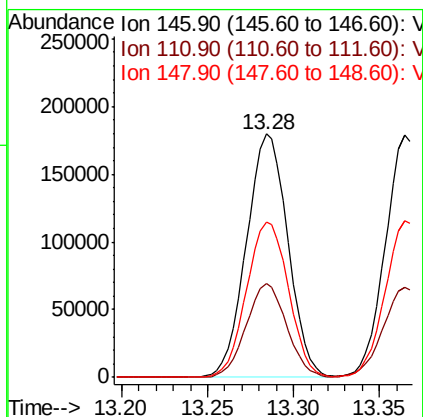
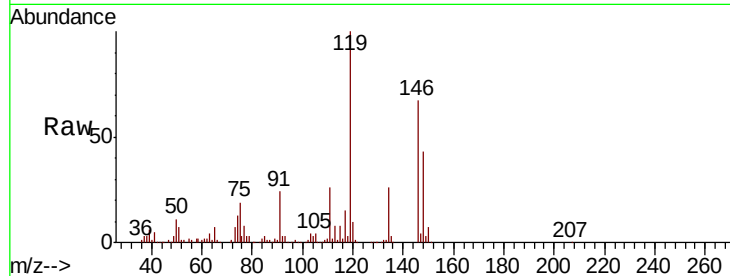




#87
 1,3-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

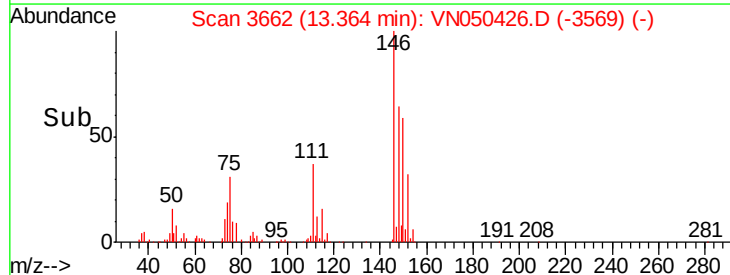
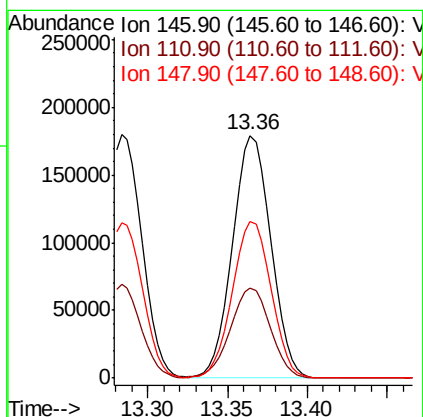
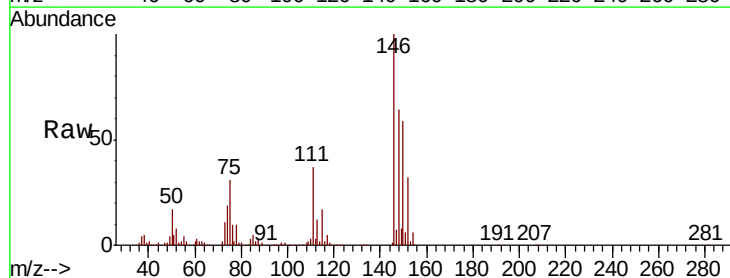
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

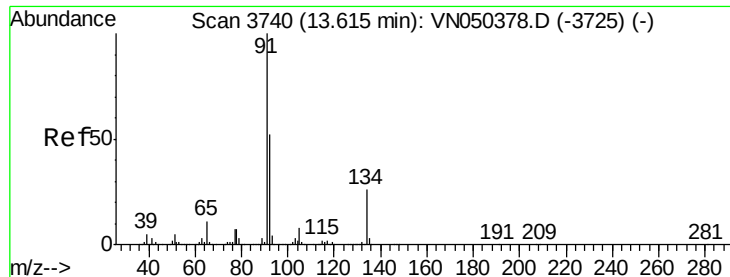
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	64.6	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.98 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.3	54.9
148	65.2	31.9	95.9





#89

n-Butylbenzene

Concen: 18.56 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

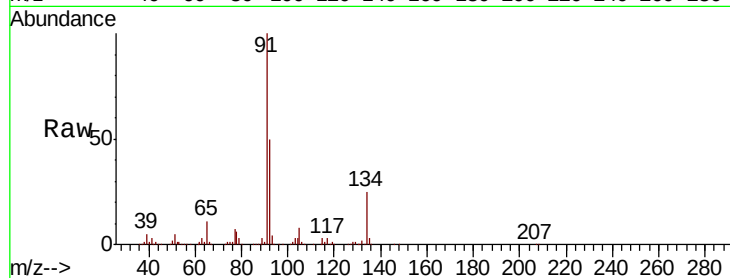
Tot Ion: 91 Resp: 413951

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.4

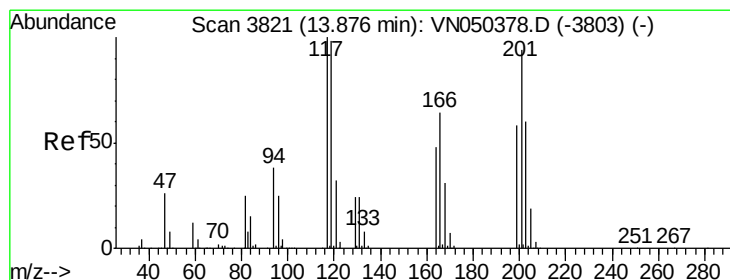
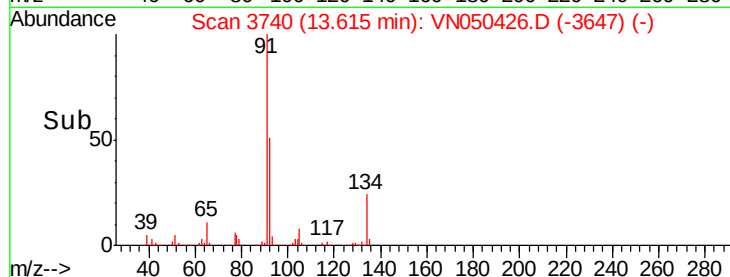
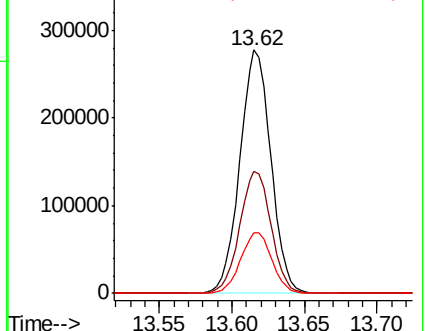
134 25.1 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN050378.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN050378.D (-3725) (-)



#90

Hexachloroethane

Concen: 19.67 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN050426.D

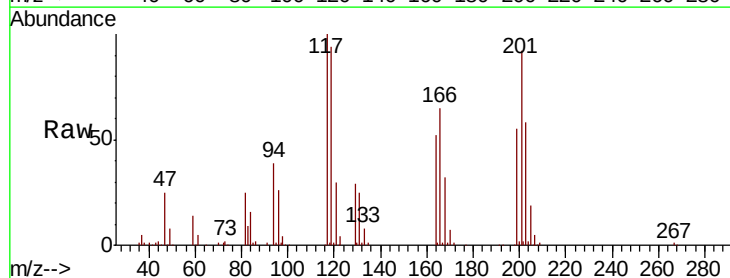
Acq: 7 Aug 2018 12:57

Tgt Ion: 117 Resp: 91603

Ion Ratio Lower Upper

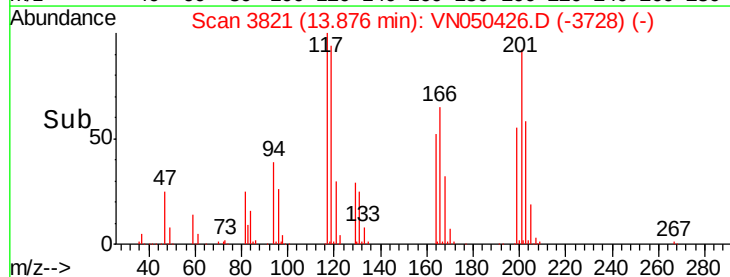
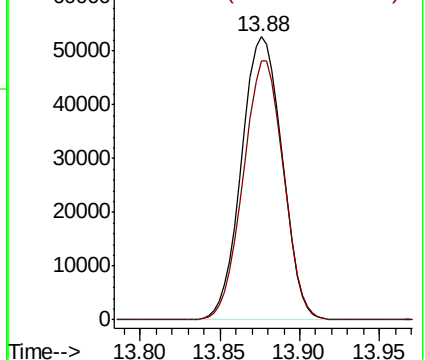
117 100

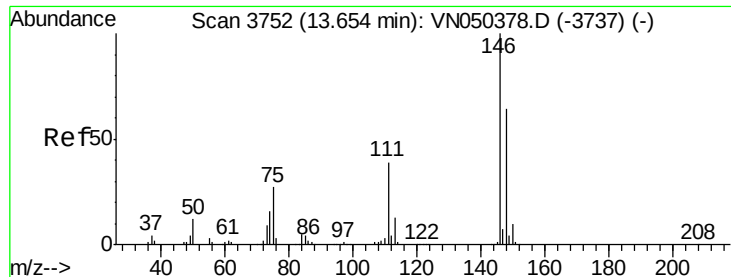
201 90.8 45.6 136.8



Abundance Ion 116.80 (116.50 to 117.50): VN050378.D (-3803) (-)

Ion 200.70 (200.40 to 201.40): VN050378.D (-3803) (-)

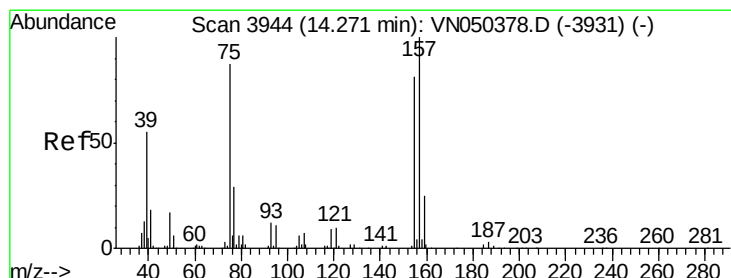
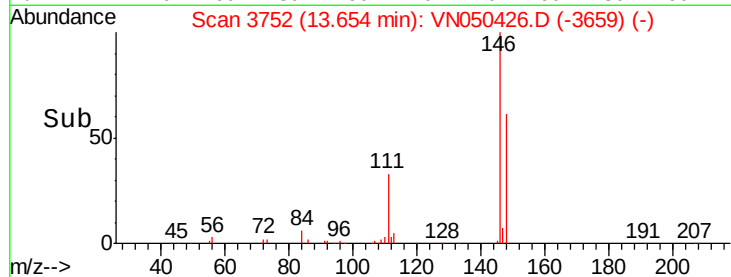
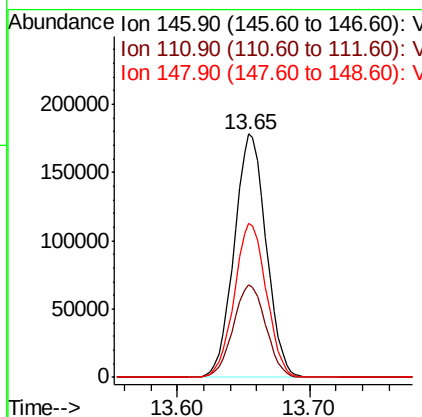
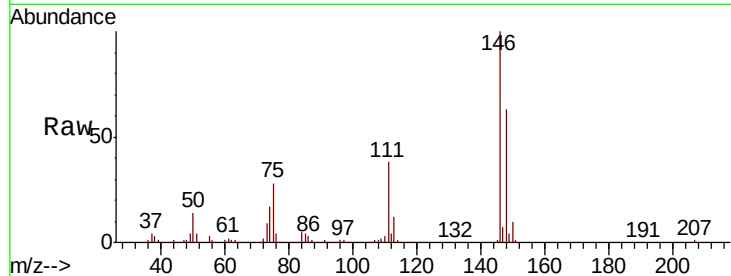




#91
 1,2-Dichlorobenzene
 Concen: 19.21 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

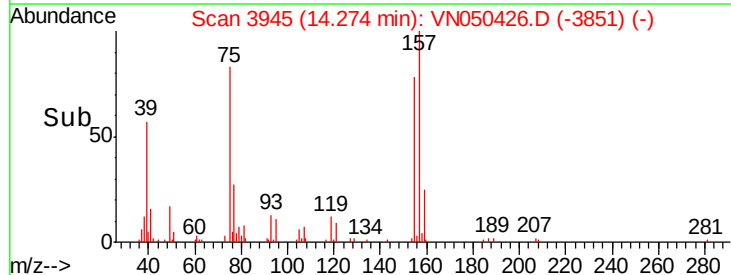
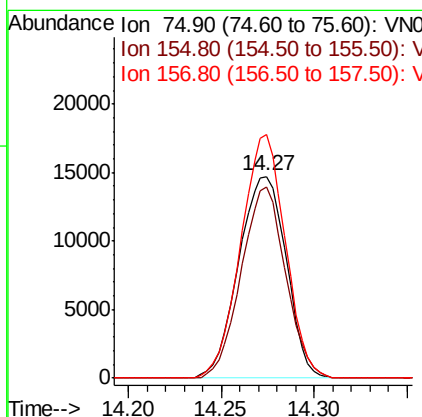
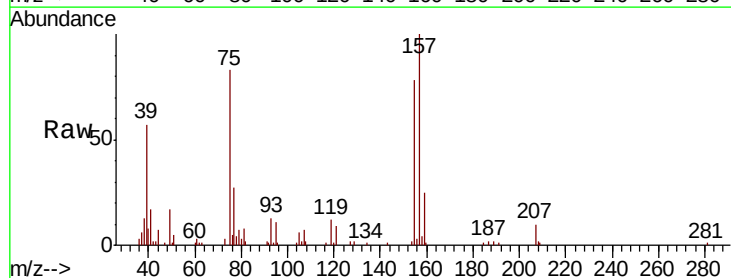
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

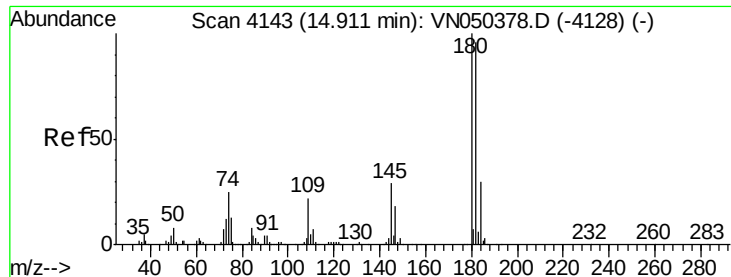
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.52 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	44.8	134.4
157	113.0	57.2	171.6

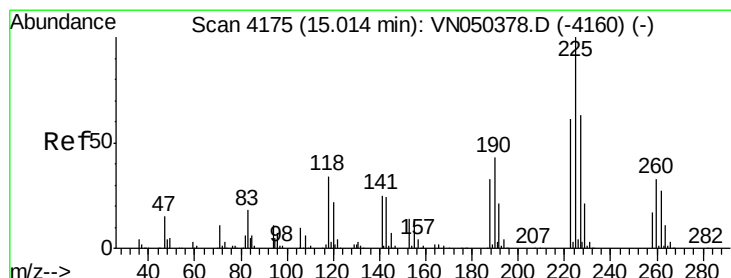
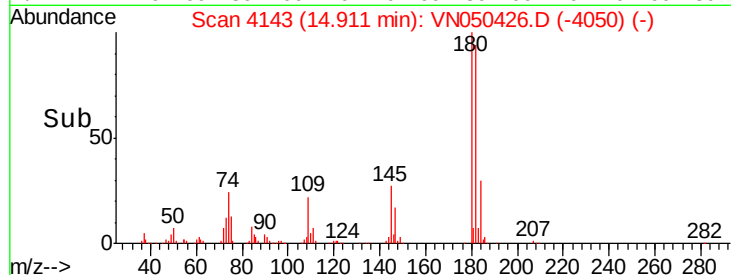
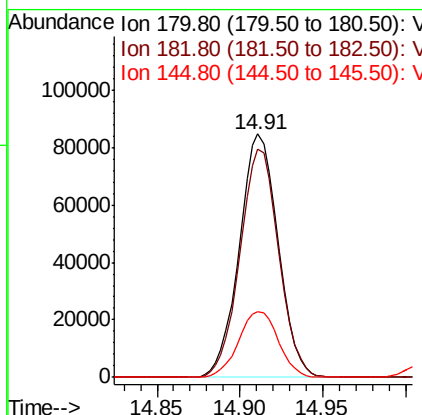
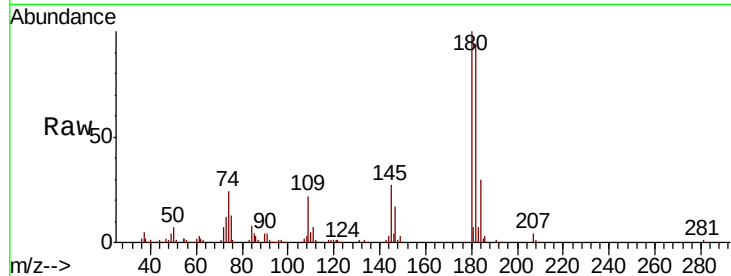




#93
 1,2,4-Trichlorobenzene
 Concen: 17.48 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

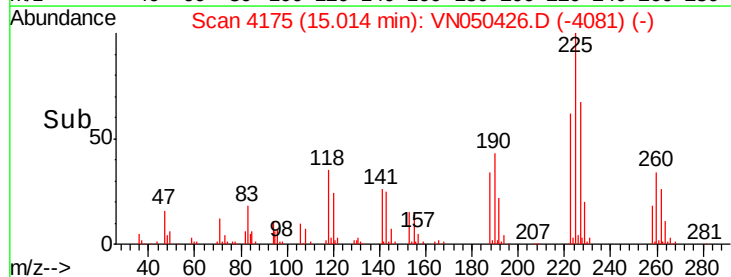
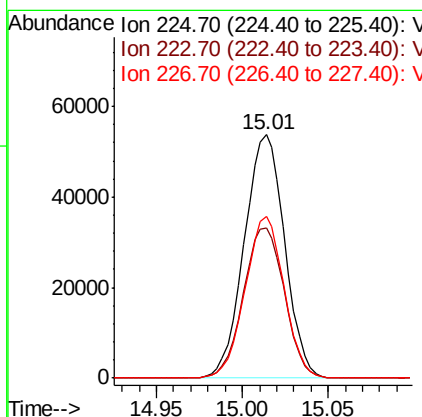
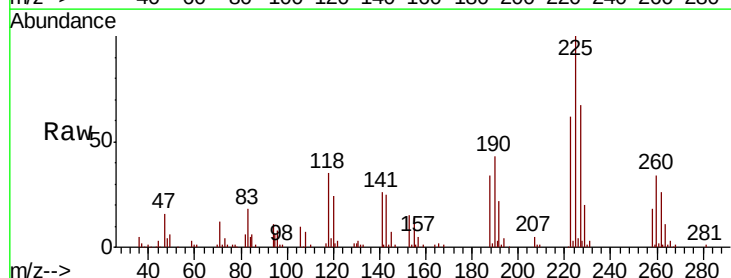
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

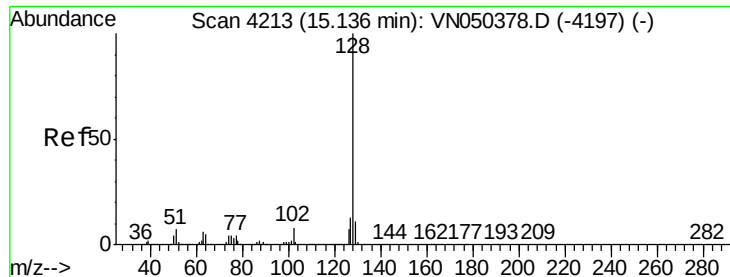
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.7	140.1
145	28.0	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 19.34 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050426.D
 Acq: 7 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.2
227	64.1	32.1	96.5





#95

Naphthalene

Concen: 16.22 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBS01

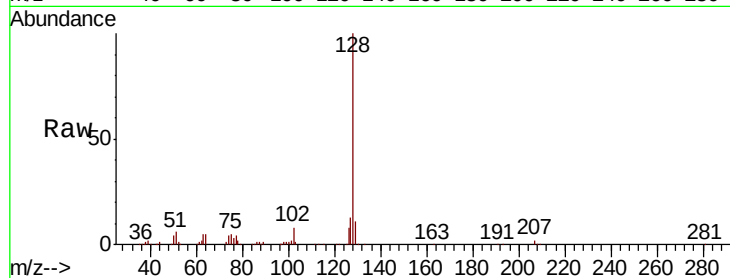
Tot Ion:128 Resp: 283617

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

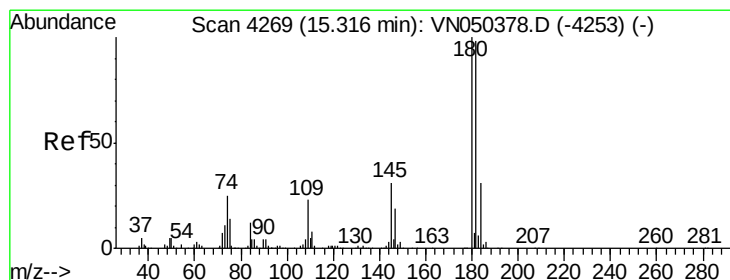
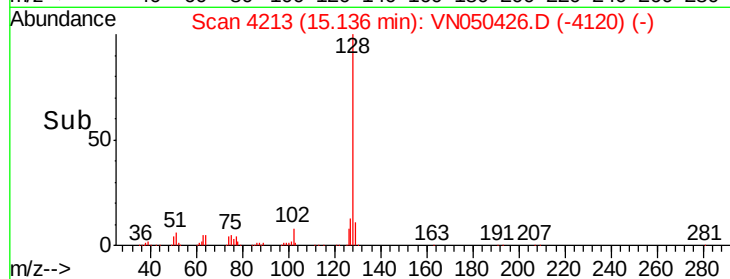
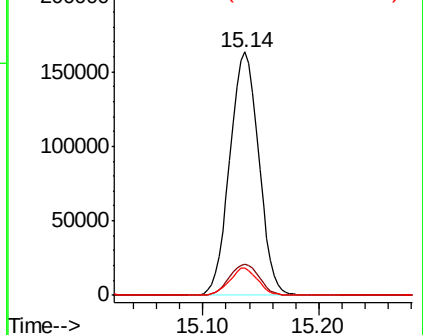
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.13 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050426.D

Acq: 7 Aug 2018 12:57

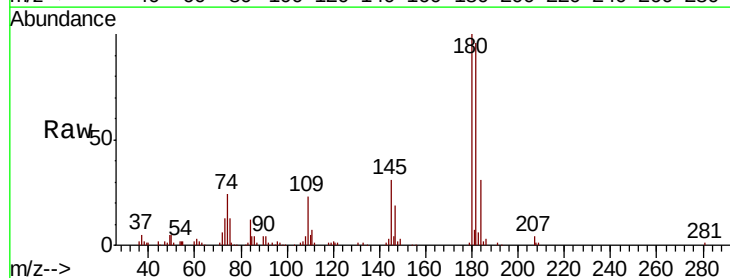
Tgt Ion:180 Resp: 136619

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.4

145 30.7 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

