

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050743.D
 Acq On : 18 Aug 2018 1:41
 Operator : MD\SY
 Sample : VN0817WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 04:27:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	463057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	768903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	690820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	373995	64.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.14%	
35) Dibromofluoromethane	7.59	113	342578	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
50) Toluene-d8	10.09	98	1129501	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	352474	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	73684	14.11	ug/l	97
3) Chloromethane	2.06	50	140334	21.78	ug/l	99
4) Vinyl Chloride	2.18	62	123706	17.84	ug/l	99
5) Bromomethane	2.56	94	84302	21.42	ug/l	100
6) Chloroethane	2.70	64	85426	21.26	ug/l	98
7) Trichlorofluoromethane	3.01	101	145155	15.95	ug/l	100
8) Diethyl Ether	3.41	74	75586	24.97	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	90030	16.36	ug/l	97
10) Methyl Iodide	3.95	142	73785	23.19	ug/l	99
11) Tert butyl alcohol	4.80	59	44690	140.22	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	92054	18.32	ug/l	97
13) Acrolein	3.61	56	12010	92.59	ug/l	100
14) Allyl chloride	4.33	41	160922	20.59	ug/l	99
15) Acrylonitrile	5.00	53	228656	130.63	ug/l	99
16) Acetone	3.82	43	202949	138.61	ug/l	100
17) Carbon Disulfide	4.05	76	274275	17.35	ug/l	99
18) Methyl Acetate	4.33	43	122768	29.54	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	328596	25.70	ug/l	100
20) Methylene Chloride	4.55	84	140609	24.70	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	113420	20.82	ug/l	97
22) Diisopropyl ether	5.96	45	403970	25.21	ug/l	93
23) Vinyl Acetate	5.90	43	1318904	125.82	ug/l	100
24) 1,1-Dichloroethane	5.85	63	233728	22.54	ug/l	99
25) 2-Butanone	6.84	43	313198	130.87	ug/l	98
26) 2,2-Dichloropropane	6.83	77	109927	15.84	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	139221	22.95	ug/l	97
28) Bromochloromethane	7.20	49	111109	23.55	ug/l	99
29) Tetrahydrofuran	7.22	42	169114	135.34	ug/l	99
30) Chloroform	7.37	83	239390	22.78	ug/l	97
31) Cyclohexane	7.66	56	138719	15.44	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	173756	19.65	ug/l	99
36) 1,1-Dichloropropene	7.80	75	140681	16.44	ug/l	99
37) Ethyl Acetate	6.93	43	118208	24.43	ug/l	98
38) Carbon Tetrachloride	7.78	117	140354	15.81	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	115353	13.02	ug/l	95
40) Benzene	8.04	78	517037	19.86	ug/l	100
41) Methacrylonitrile	7.18	41	63875	24.42	ug/l	97
42) 1,2-Dichloroethane	8.13	62	177630	22.26	ug/l	100
43) Isopropyl Acetate	8.17	43	204227	23.16	ug/l	98
44) Trichloroethene	8.84	130	124907	17.91	ug/l	100
45) 1,2-Dichloropropane	9.12	63	143226	20.66	ug/l	98
46) Dibromomethane	9.21	93	87901	21.47	ug/l	99
47) Bromodichloromethane	9.40	83	180460	20.63	ug/l	100
48) Methyl methacrylate	9.20	41	95822	21.60	ug/l	99
49) 1,4-Dioxane	9.20	88	27086	463.42	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	724126	121.43	ug/l	99
52) Toluene	10.16	92	303312	19.51	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	161192	19.78	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	192441	20.58	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	126127	21.72	ug/l	97
56) Ethyl methacrylate	10.43	69	146875	20.97	ug/l	99
57) 1,3-Dichloropropane	10.71	76	209591	22.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	369984	110.32	ug/l	99
59) 2-Hexanone	10.75	43	455153	118.26	ug/l	100
60) Dibromochloromethane	10.90	129	137390	21.43	ug/l	100
61) 1,2-Dibromoethane	11.01	107	123183	22.27	ug/l	100
64) Tetrachloroethene	10.63	164	111098	17.32	ug/l	98
65) Chlorobenzene	11.44	112	328397	19.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	132015	20.48	ug/l	100
67) Ethyl Benzene	11.51	91	487628	17.57	ug/l	99
68) m/p-Xylenes	11.62	106	380914	35.88	ug/l	99
69) o-Xylene	11.95	106	190901	18.86	ug/l	99
70) Styrene	11.97	104	310984	17.89	ug/l	100
71) Bromoform	12.13	173	93768	21.94	ug/l #	99
73) Isopropylbenzene	12.25	105	450706	18.65	ug/l	100
74) N-amyl acetate	12.07	43	148232	23.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	158694	27.23	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	174722	34.65	ug/l #	100
77) Bromobenzene	12.53	156	138124	21.06	ug/l	96
78) n-propylbenzene	12.59	91	490647	18.21	ug/l	98
79) 2-Chlorotoluene	12.68	91	336835	20.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	374333	19.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30423	21.87	ug/l	97
82) 4-Chlorotoluene	12.77	91	328027	19.76	ug/l	100
83) tert-Butylbenzene	12.99	119	301499	17.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	387917	19.98	ug/l	99
85) sec-Butylbenzene	13.17	105	387422	17.65	ug/l	100
86) p-Isopropyltoluene	13.29	119	330998	17.80	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	215719	19.32	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	212229	19.15	ug/l	100
89) n-Butylbenzene	13.62	91	235810	15.70	ug/l	98
90) Hexachloroethane	13.88	117	64914	17.36	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	223707	20.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21314	24.72	ug/l	98

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Quant Time: Aug 18 04:27:02 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

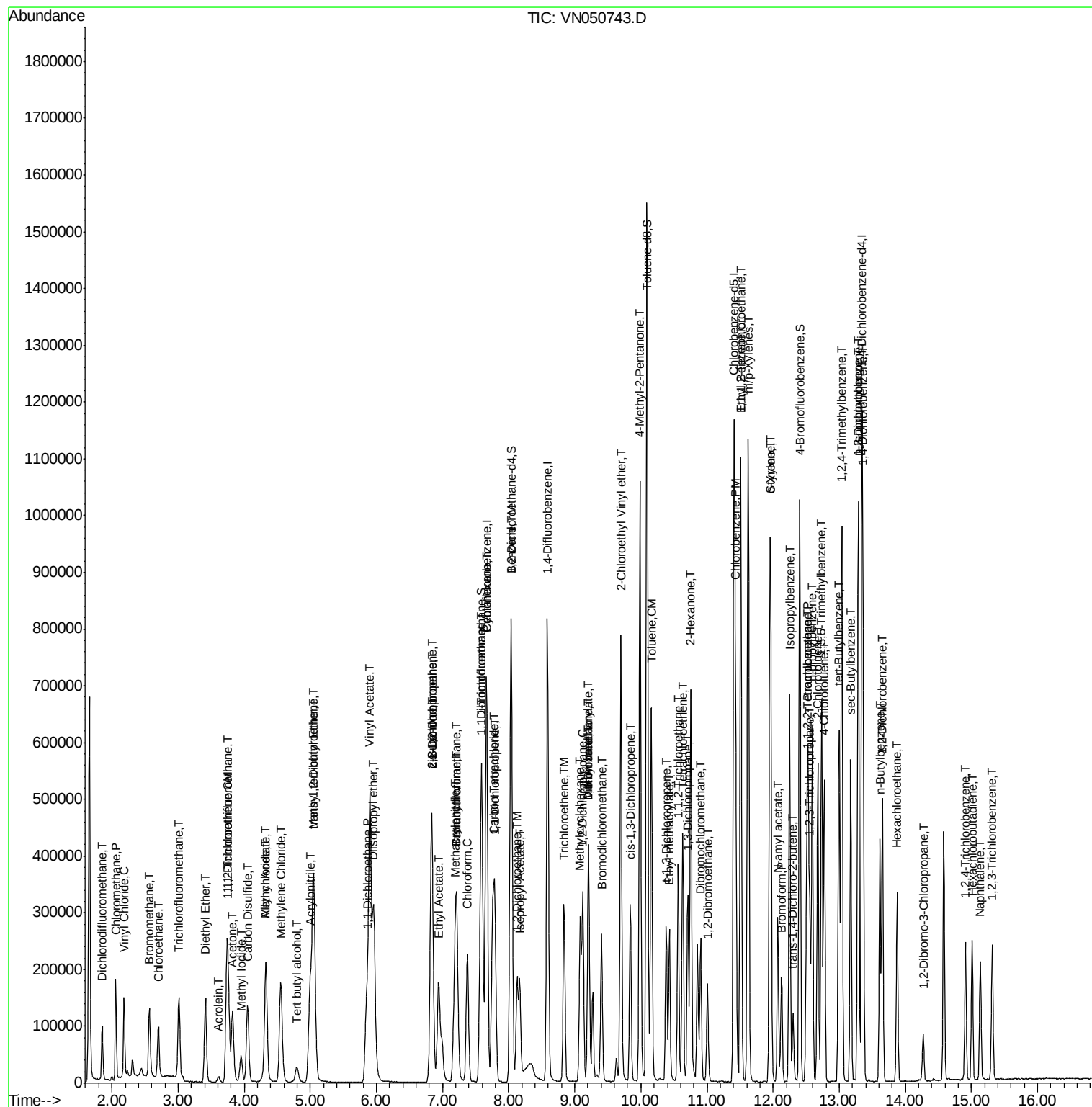
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	83161	16.75	ug/l	97
94) Hexachlorobutadiene	15.01	225	51762	15.50	ug/l	98
95) Naphthalene	15.13	128	182481	18.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	88747	18.27	ug/l	97

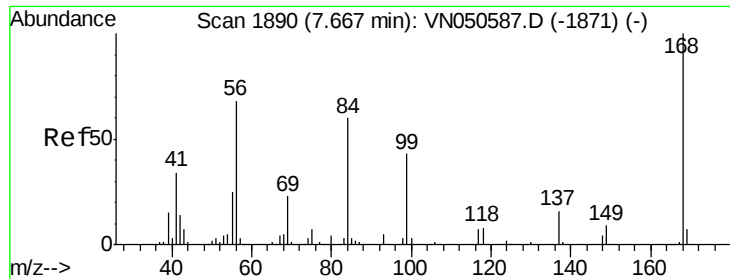
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN050743.D
 Acq On : 18 Aug 2018 1:41
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Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 03:00:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

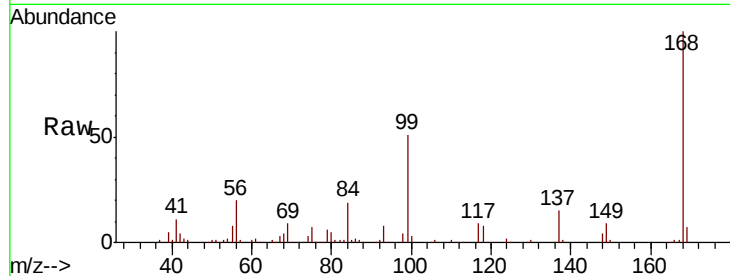
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 463057

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

200000

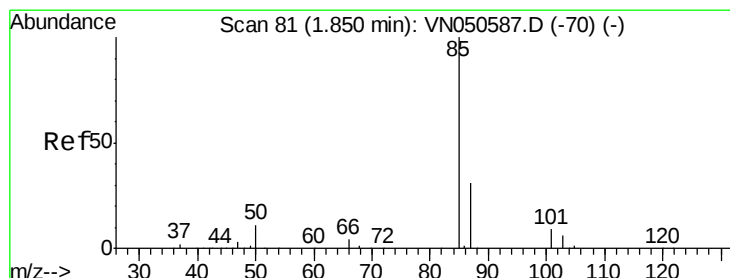
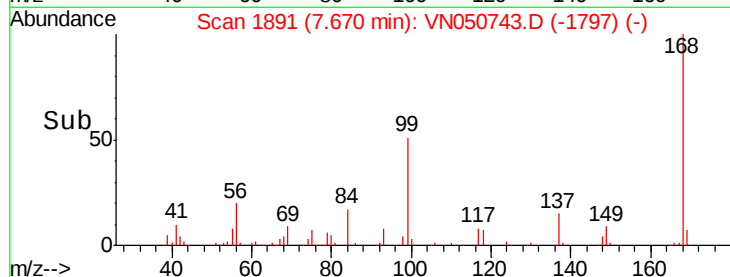
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.11 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050743.D

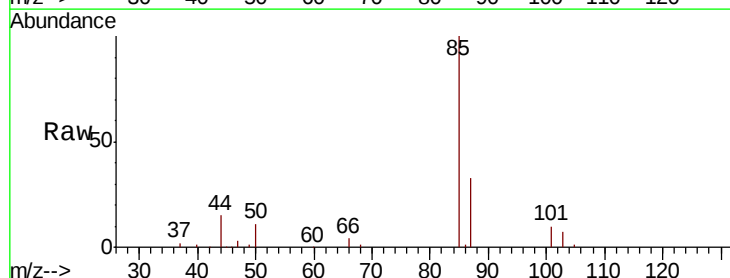
Acq: 18 Aug 2018 1:41

Tgt Ion: 85 Resp: 73684

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN050587.D (-70) (-)

Ion 86.90 (86.60 to 87.60): VN050587.D (-70) (-)

1.85

60000

50000

40000

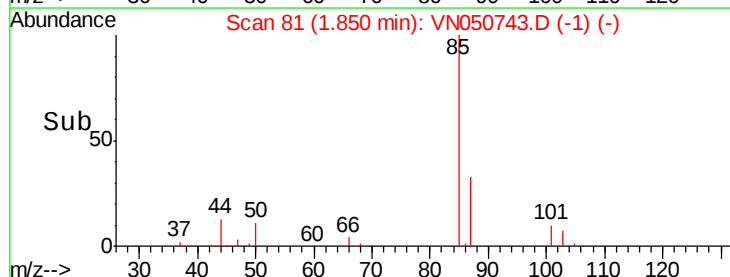
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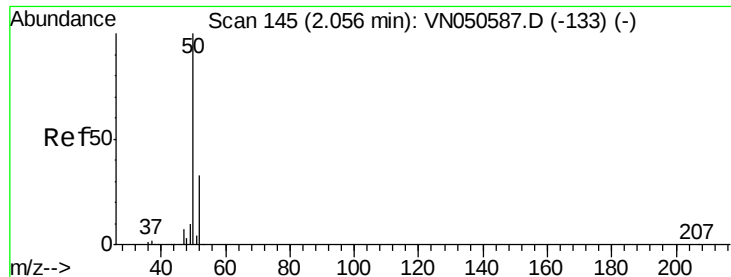
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.78 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

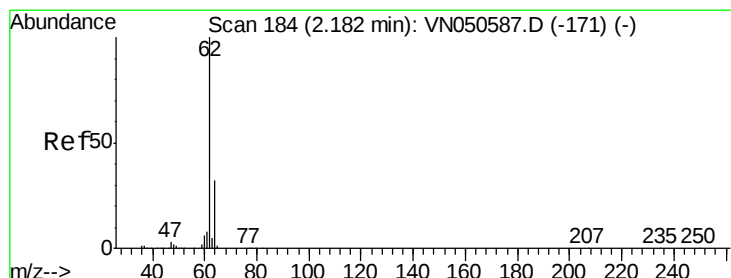
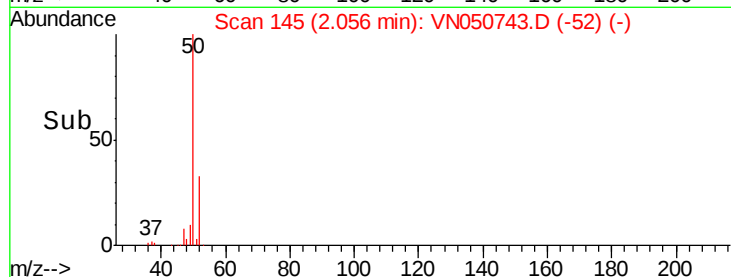
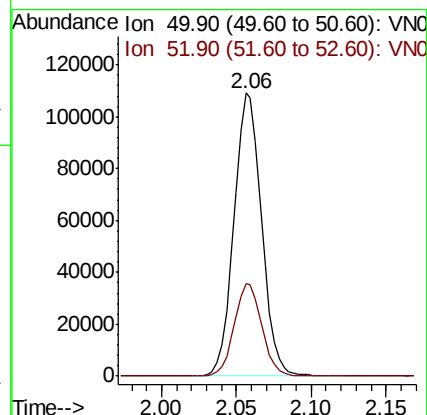
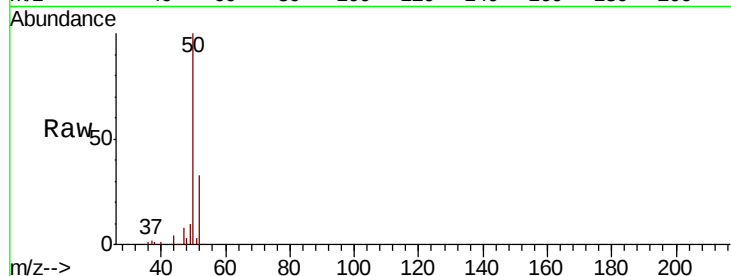
ClientSampled :

Tot Ion: 50 Resp: 140334

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 17.84 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050743.D

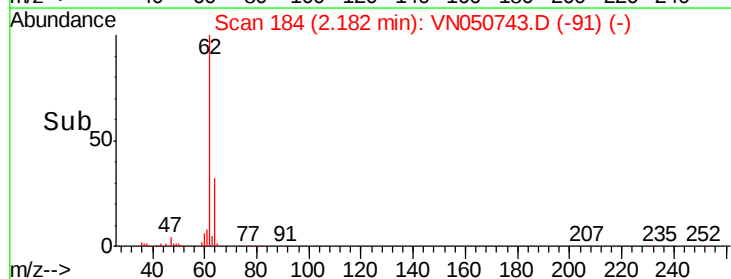
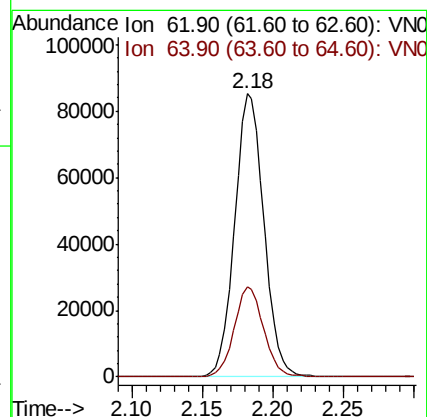
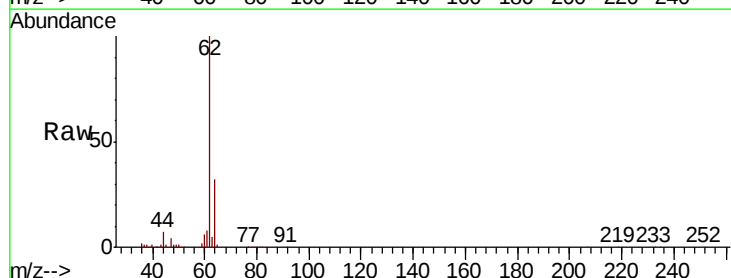
Acq: 18 Aug 2018 1:41

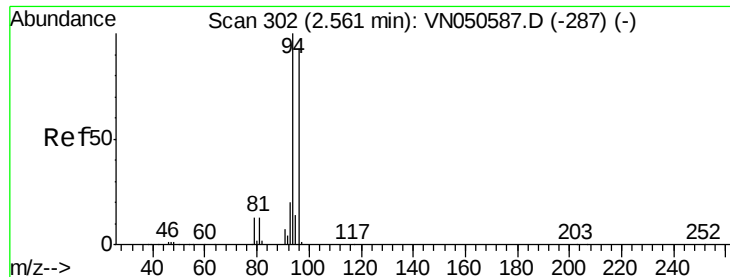
Tgt Ion: 62 Resp: 123706

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 21.42 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

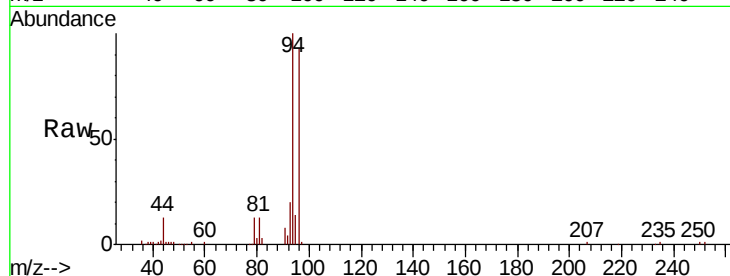
ClientSampleId :

Tot Ion: 94 Resp: 84302

Ion Ratio Lower Upper

94 100

96 92.8 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

40000

30000

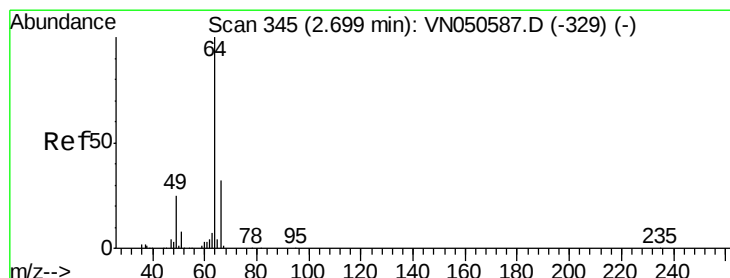
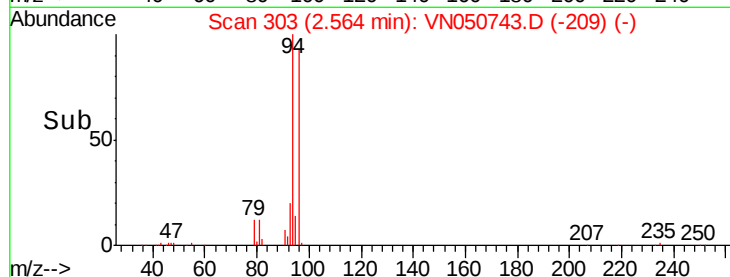
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 21.26 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050743.D

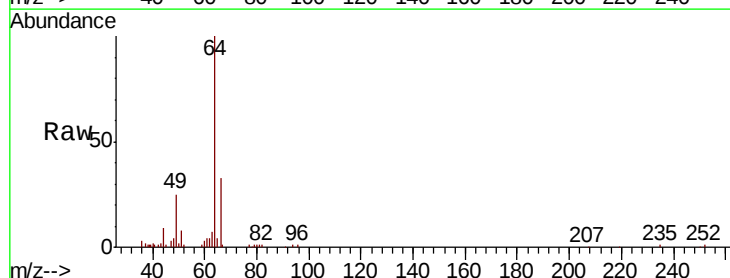
Acq: 18 Aug 2018 1:41

Tgt Ion: 64 Resp: 85426

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

40000

30000

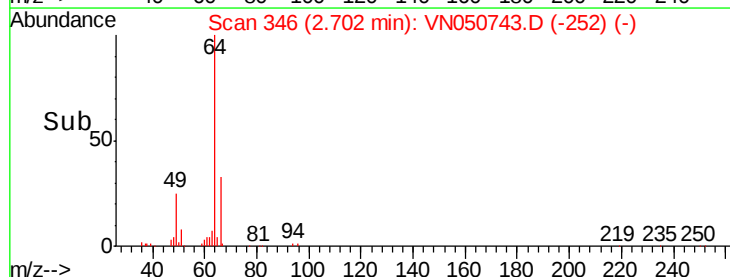
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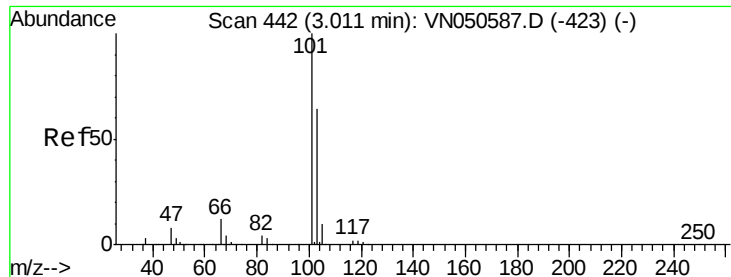
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0

Time-->

2.60 2.70 2.80



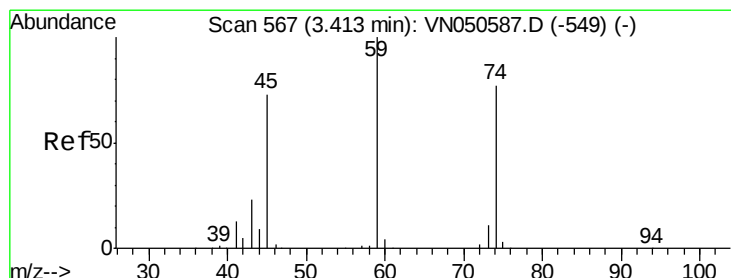
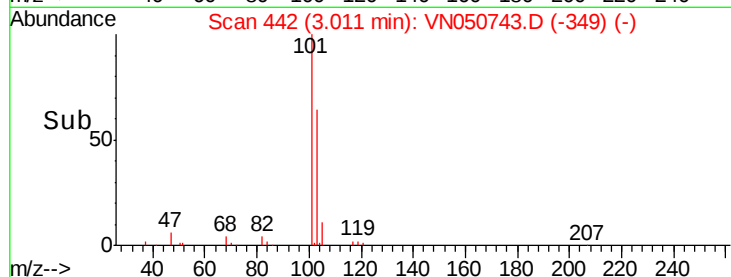
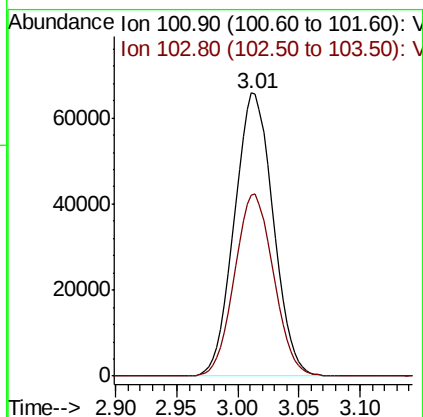
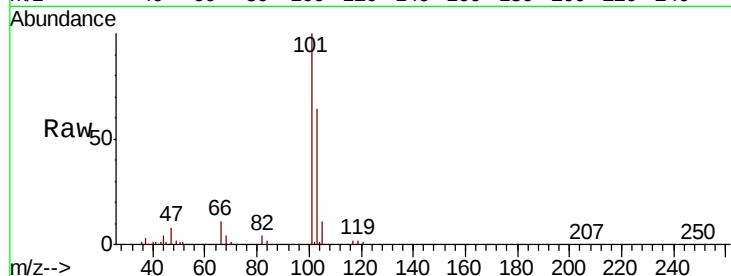


#7

Trichlorofluoromethane
 Concen: 15.95 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Instrument :
 MSVOA_N
 ClientSampleId :

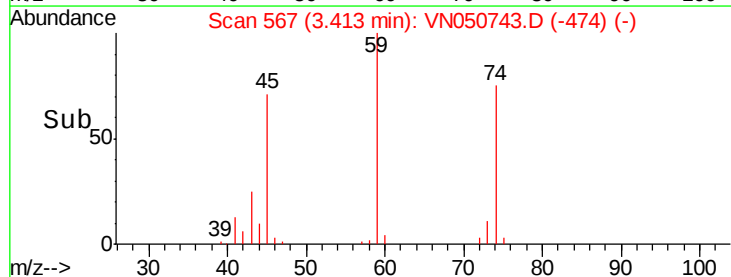
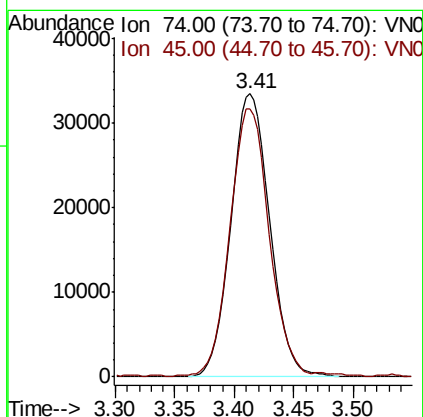
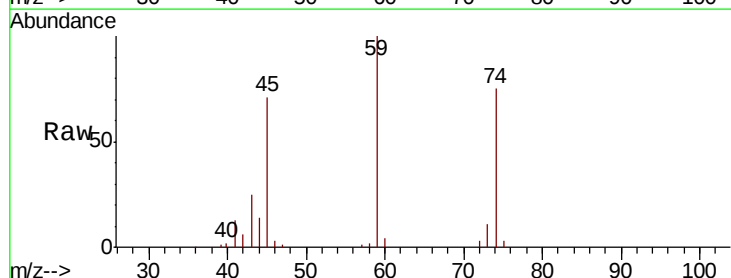
Tot Ion:101 Resp: 145155
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0

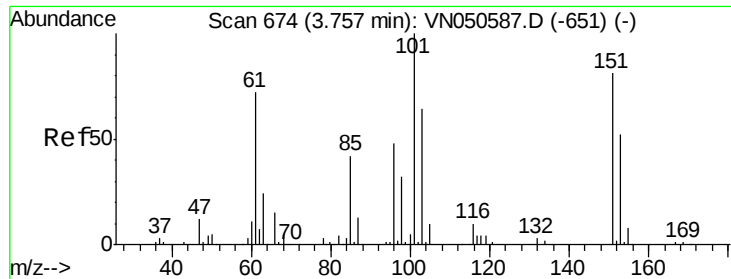


#8

Diethyl Ether
 Concen: 24.97 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion: 74 Resp: 75586
 Ion Ratio Lower Upper
 74 100
 45 96.0 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.36 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

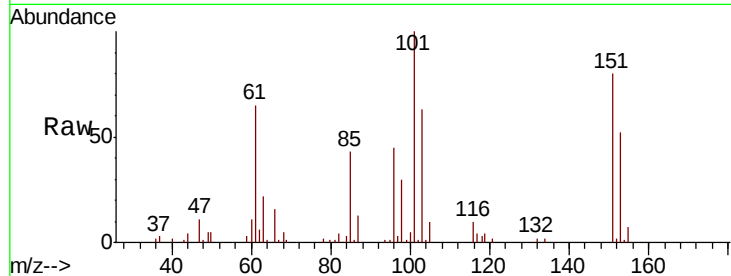
Tot Ion:101 Resp: 90030

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.0

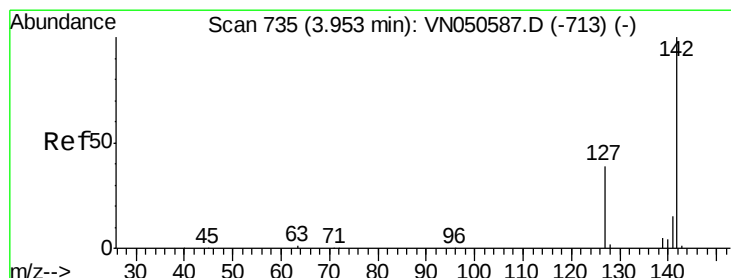
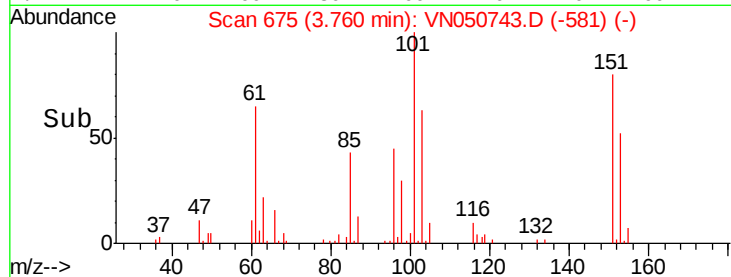
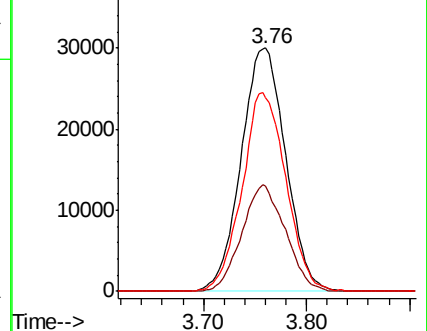
151 80.4 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 23.19 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

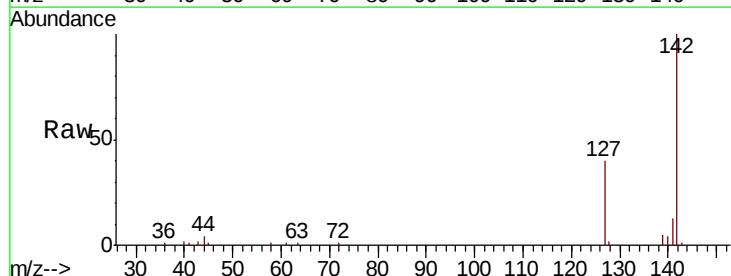
Tgt Ion:142 Resp: 73785

Ion Ratio Lower Upper

142 100

127 41.9 32.6 49.0

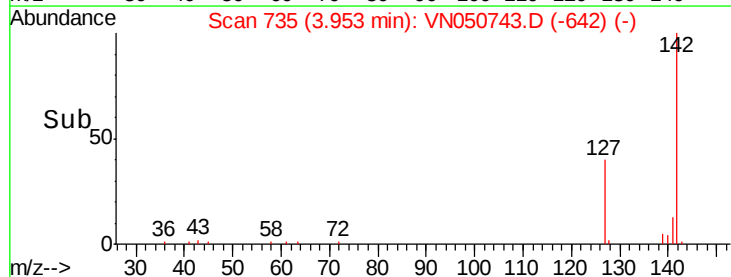
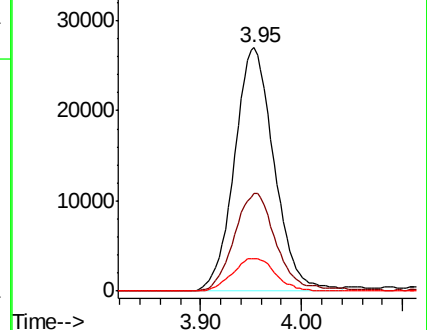
141 14.3 11.5 17.3

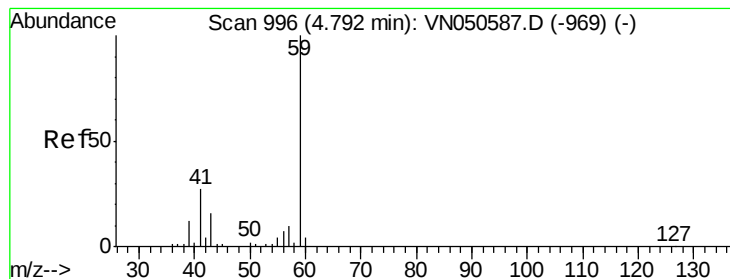


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



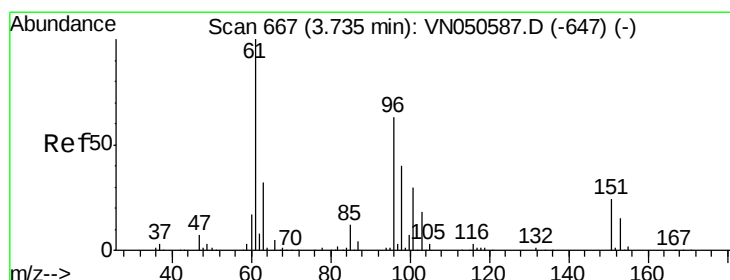
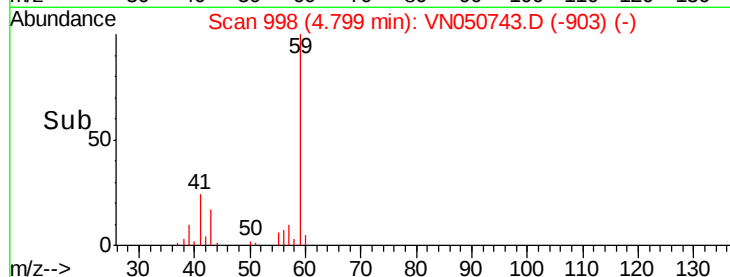
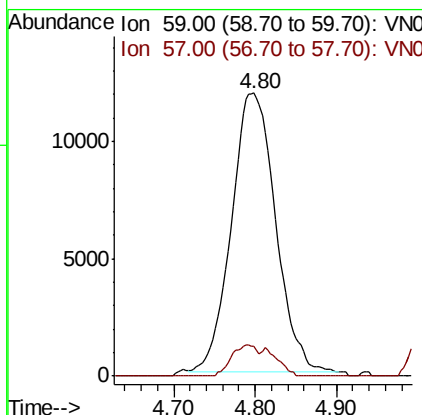
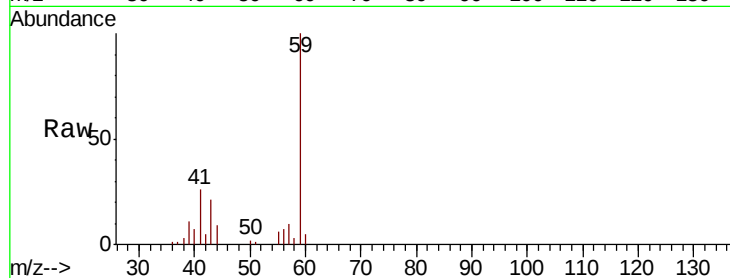


#11

Tert butyl alcohol
 Concen: 140.22 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Instrument :
 MSVOA_N
 ClientSampled :

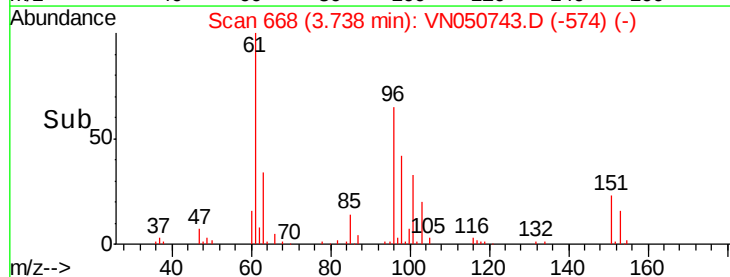
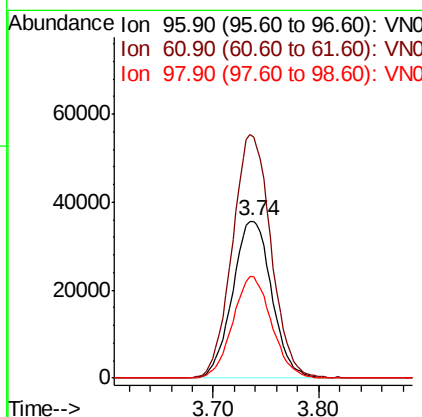
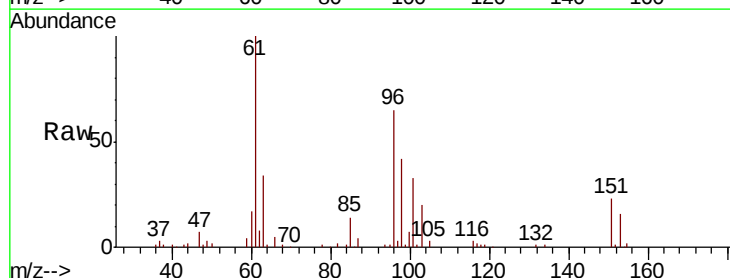
Tot Ion: 59 Resp: 44690
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.4 12.6#

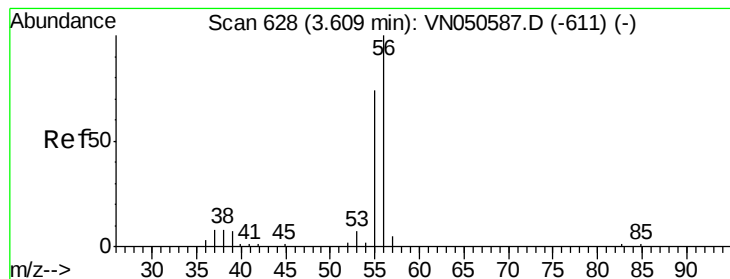


#12

1,1-Dichloroethene
 Concen: 18.32 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion: 96 Resp: 92054
 Ion Ratio Lower Upper
 96 100
 61 153.5 126.9 190.3
 98 64.8 51.1 76.7





#13

Acrolein

Concen: 92.59 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

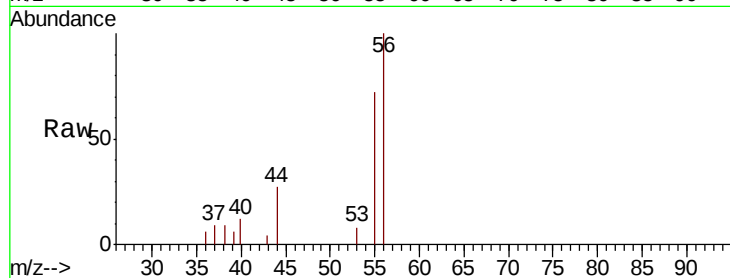
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12010

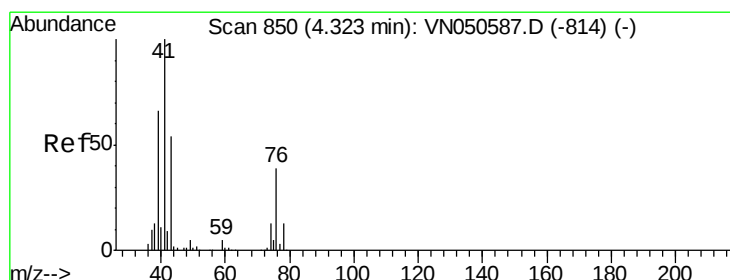
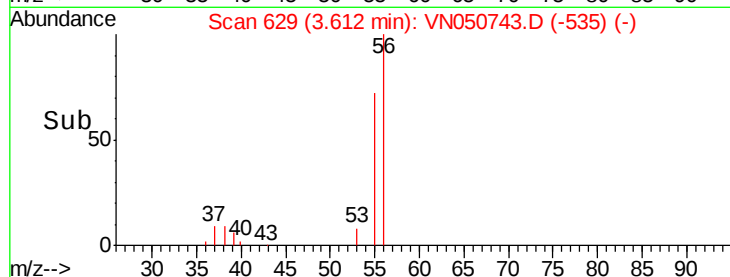
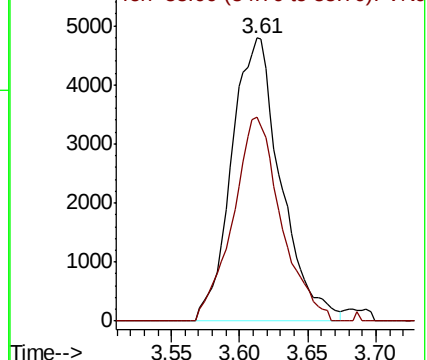
Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.59 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

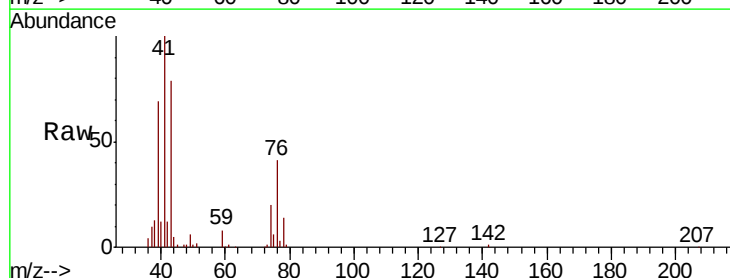
Tgt Ion: 41 Resp: 160922

Ion Ratio Lower Upper

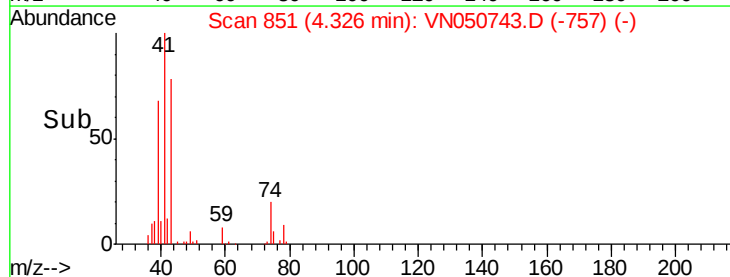
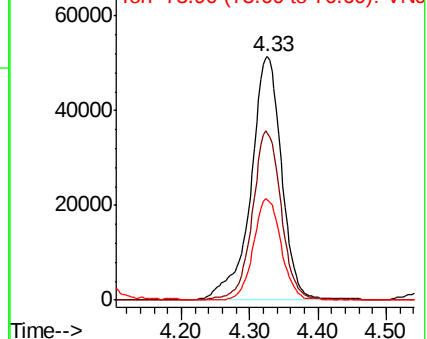
41 100

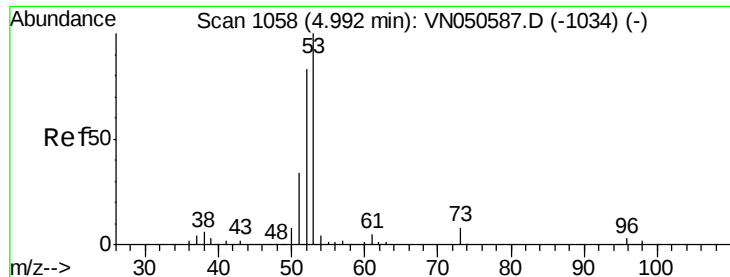
39 65.0 51.4 77.0

76 37.6 29.4 44.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 130.63 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

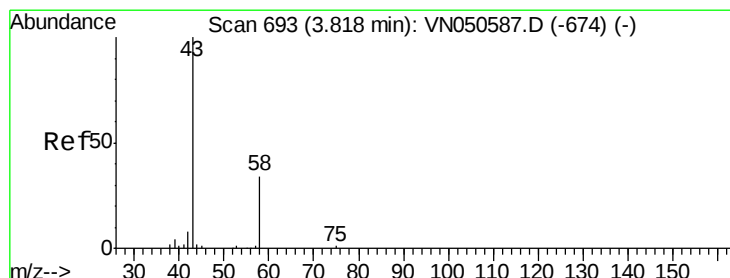
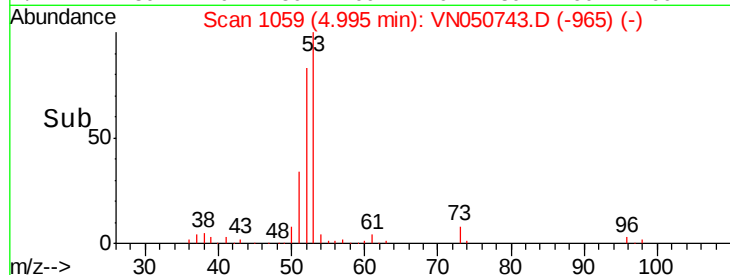
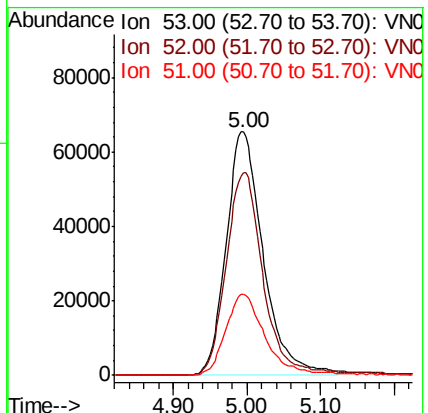
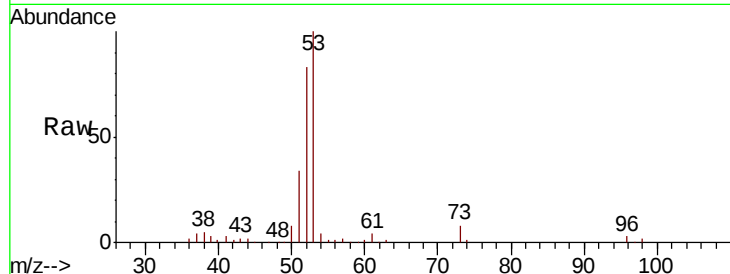
Tot Ion: 53 Resp: 228656

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 35.1 28.6 43.0



#16

Acetone

Concen: 138.61 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050743.D

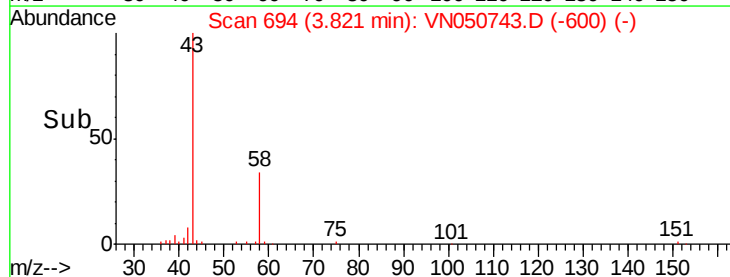
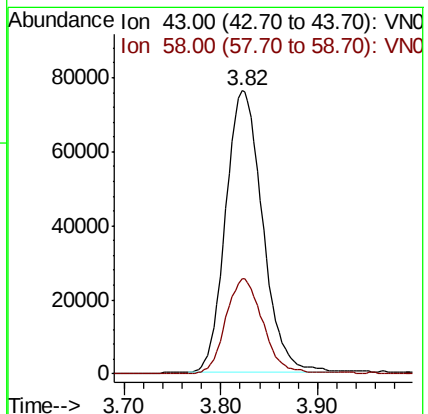
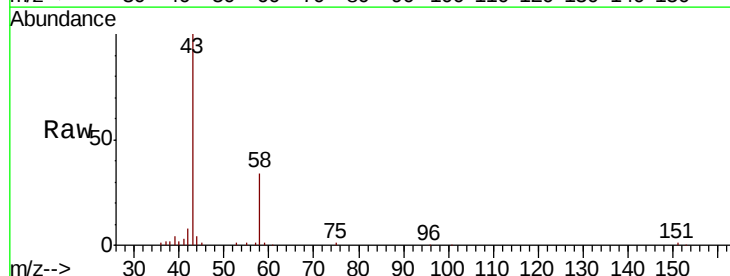
Acq: 18 Aug 2018 1:41

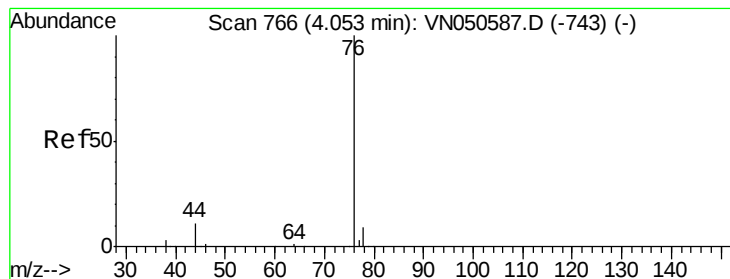
Tgt Ion: 43 Resp: 202949

Ion Ratio Lower Upper

43 100

58 34.0 27.1 40.7





#17

Carbon Disulfide

Concen: 17.35 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

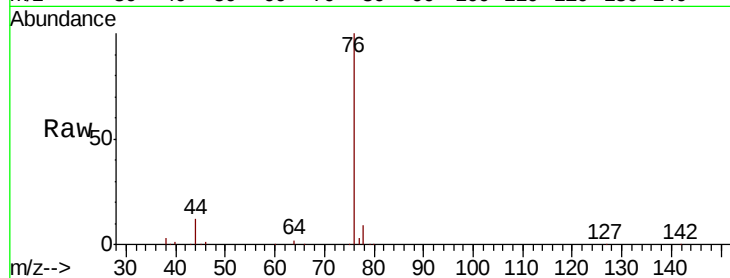
ClientSampleId :

Tot Ion: 76 Resp: 274275

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050743.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN050743.D (-743) (-)

4.05

100000

80000

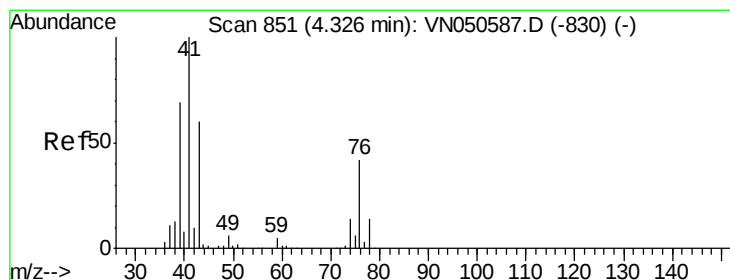
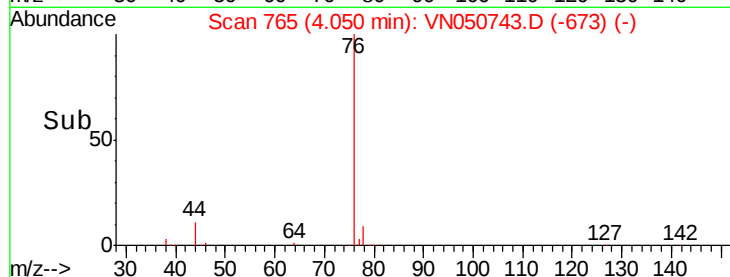
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 29.54 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050743.D

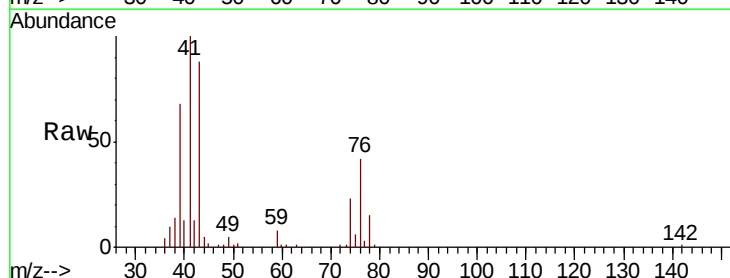
Acq: 18 Aug 2018 1:41

Tgt Ion: 43 Resp: 122768

Ion Ratio Lower Upper

43 100

74 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN050743.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN050743.D (-758) (-)

4.33

50000

40000

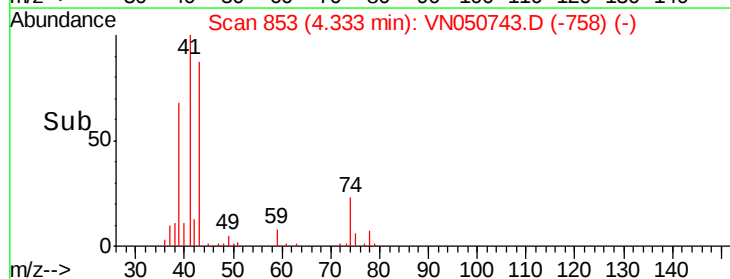
30000

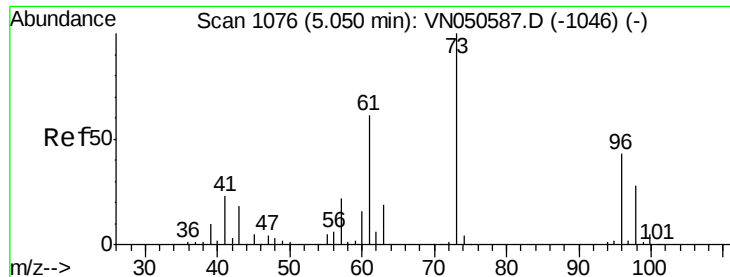
20000

10000

0

Time-->

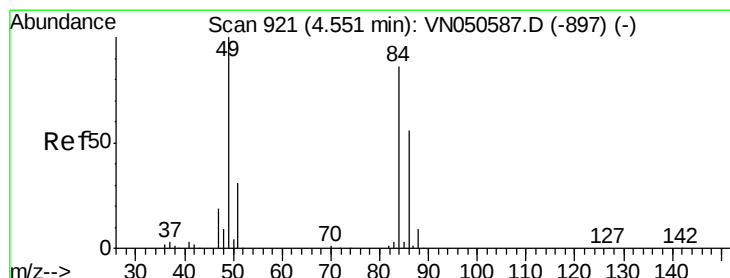
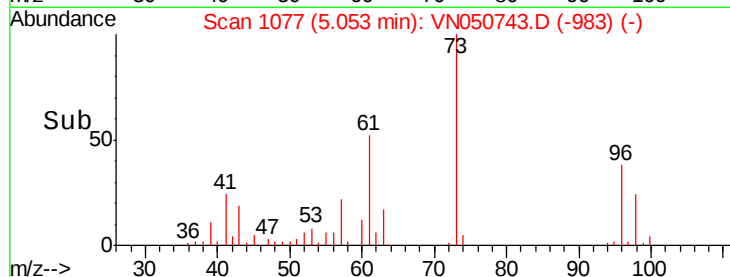
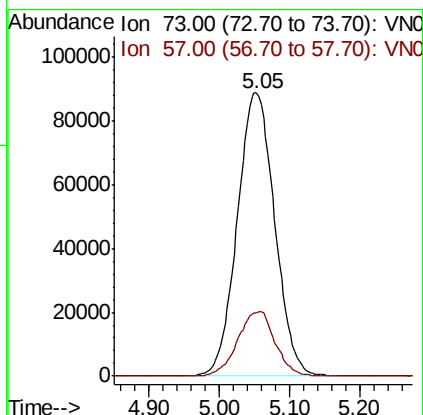
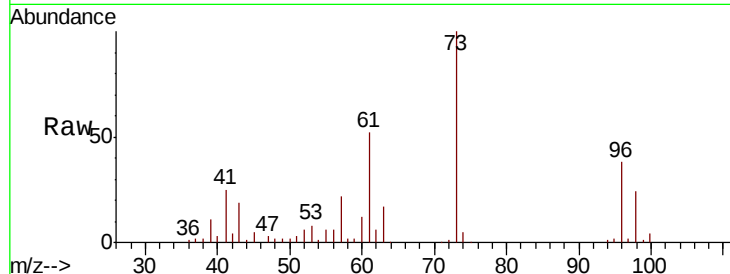




#19
Methyl tert-butyl Ether
Concen: 25.70 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

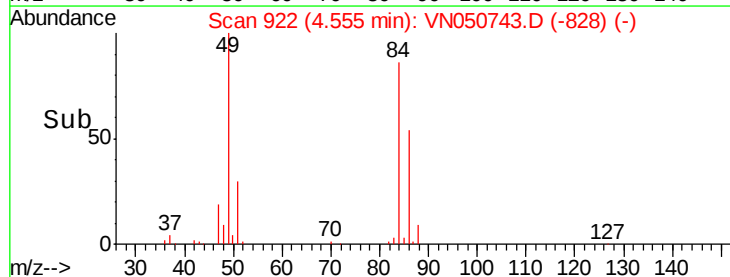
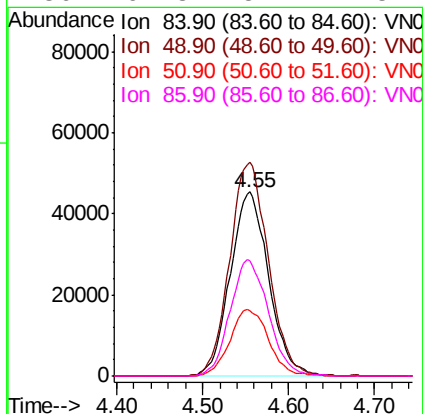
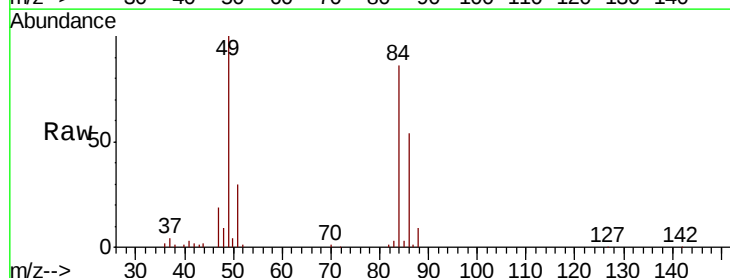
Instrument :
MSVOA_N
ClientSampled :

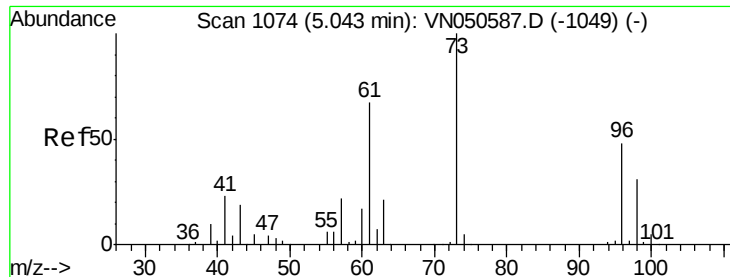
Tot Ion: 73 Resp: 328596
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 24.70 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 84 Resp: 140609
Ion Ratio Lower Upper
84 100
49 116.0 92.6 138.8
51 35.1 28.6 43.0
86 62.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.82 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampleId :

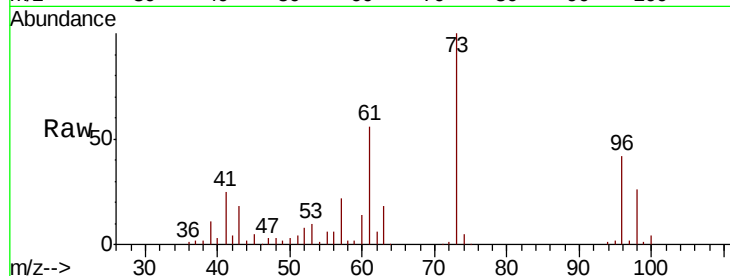
Tot Ion: 96 Resp: 113420

Ion Ratio Lower Upper

96 100

61 134.5 111.2 166.8

98 63.2 51.6 77.4

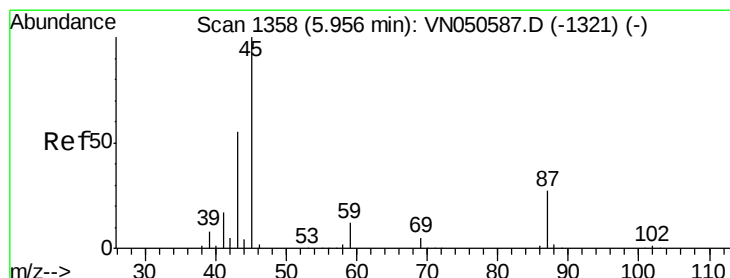
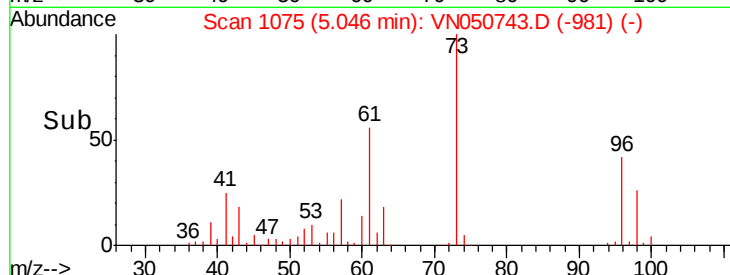
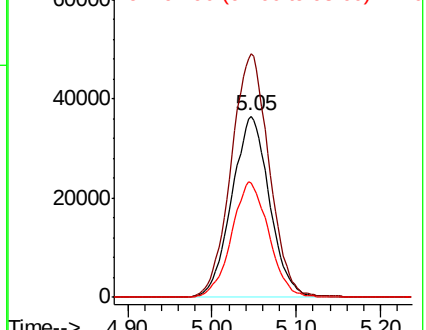


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 25.21 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Tgt Ion: 45 Resp: 403970

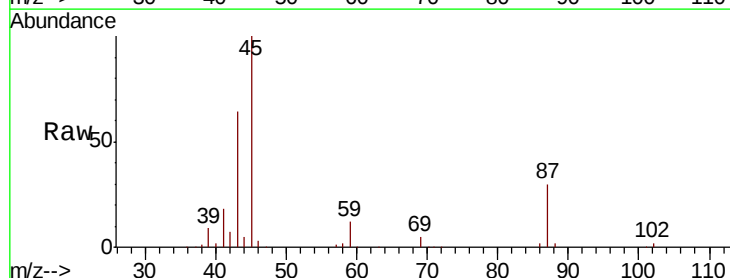
Ion Ratio Lower Upper

45 100

43 62.4 44.5 66.7

87 29.6 22.2 33.2

59 12.0 9.5 14.3



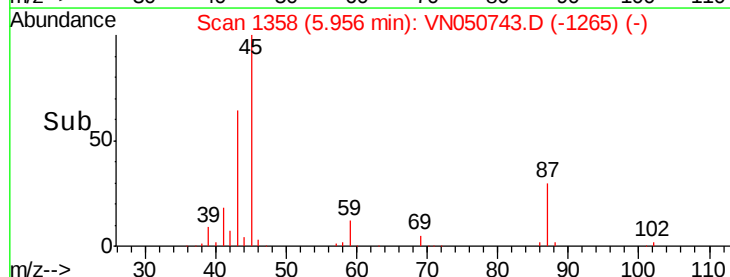
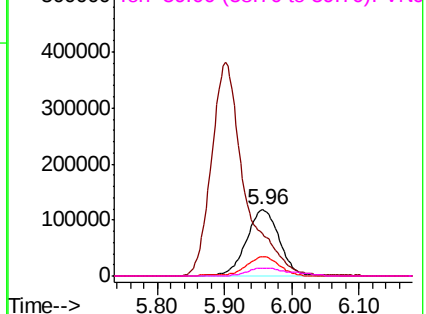
Abundance

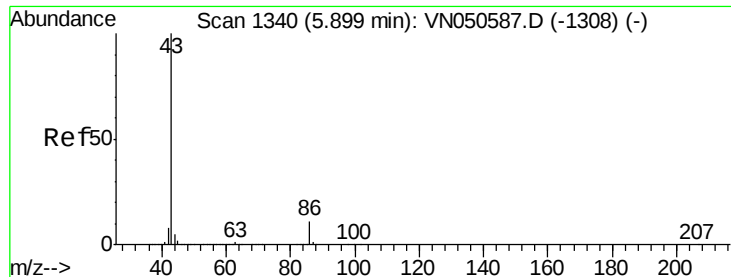
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 125.82 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

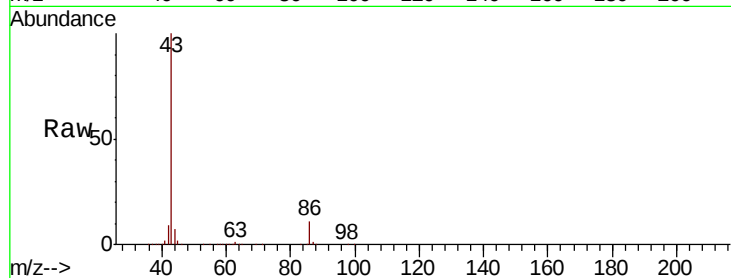
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1318904

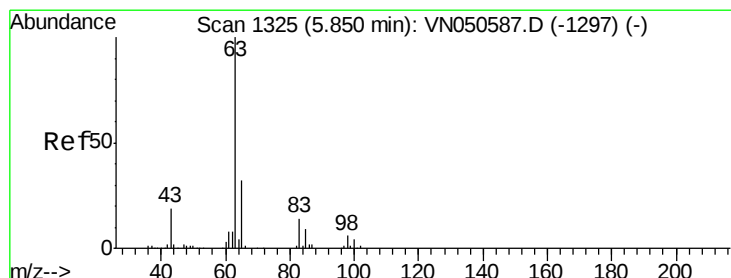
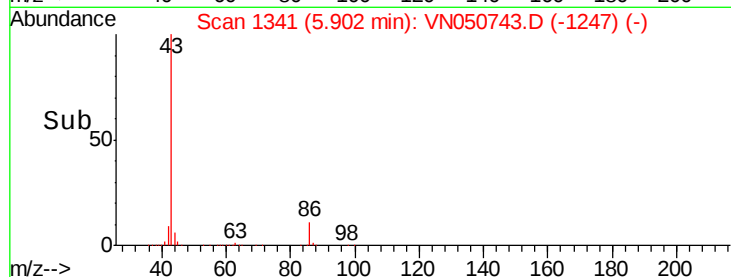
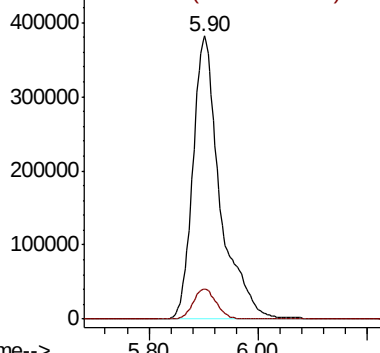
Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 22.54 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

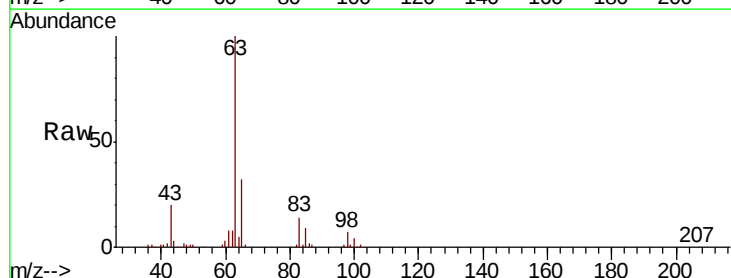
Tgt Ion: 63 Resp: 233728

Ion Ratio Lower Upper

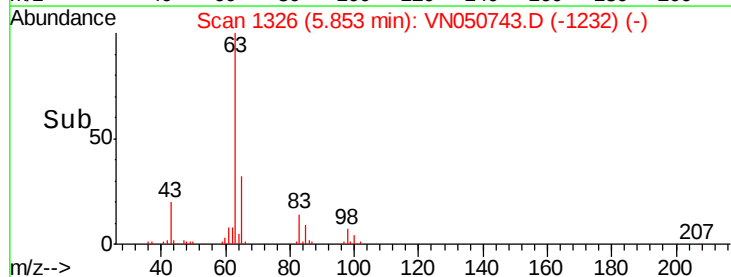
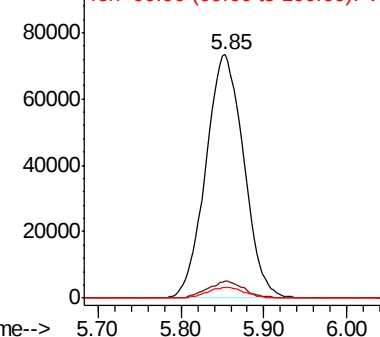
63 100

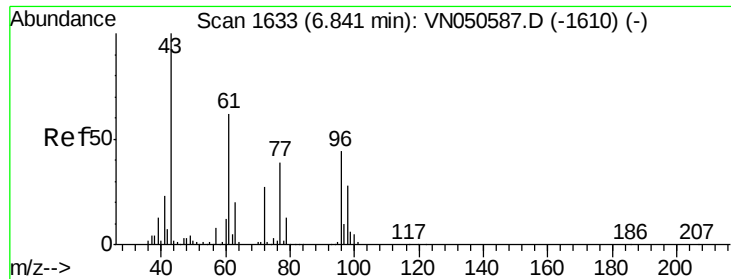
98 6.9 3.2 9.6

100 4.4 2.1 6.5



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

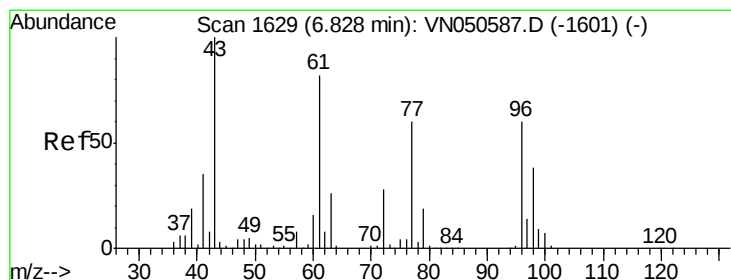
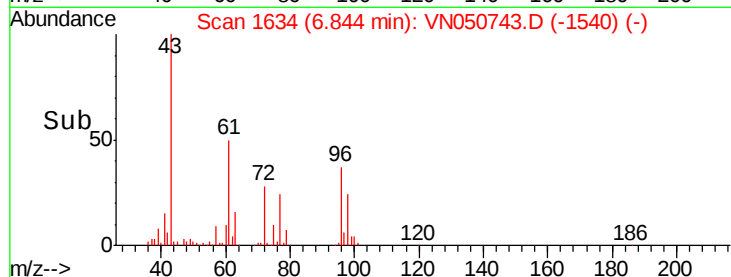
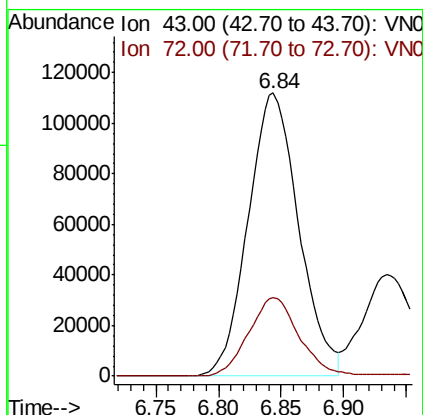
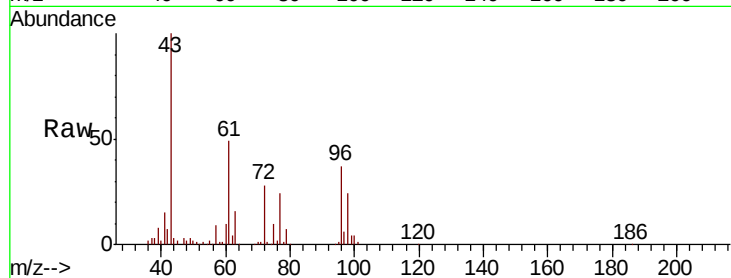




#25
2-Butanone
Concen: 130.87 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

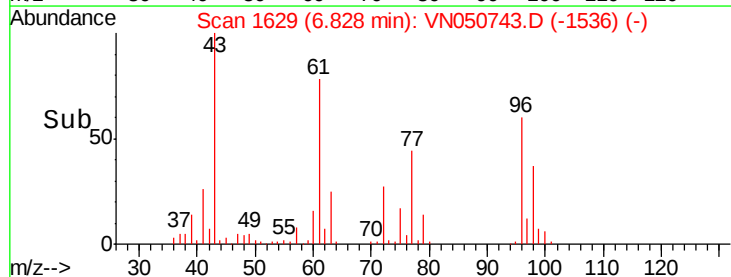
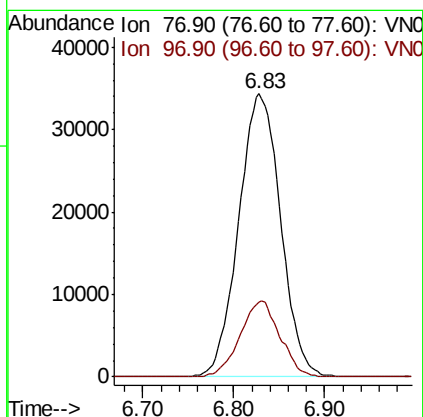
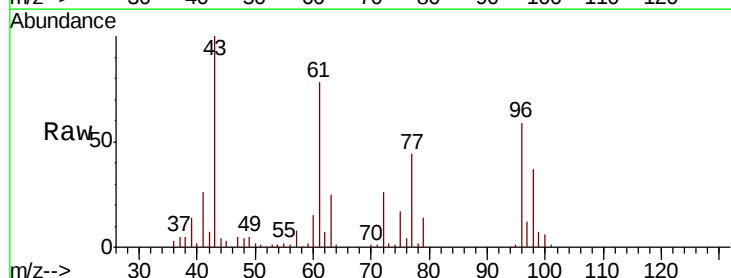
Instrument :
MSVOA_N
ClientSampled :

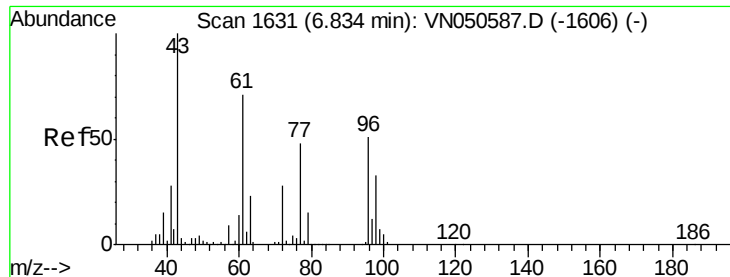
Tot Ion: 43 Resp: 313198
Ion Ratio Lower Upper
43 100
72 28.0 21.8 32.6



#26
2,2-Dichloropropane
Concen: 15.84 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 77 Resp: 109927
Ion Ratio Lower Upper
77 100
97 25.4 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 22.95 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

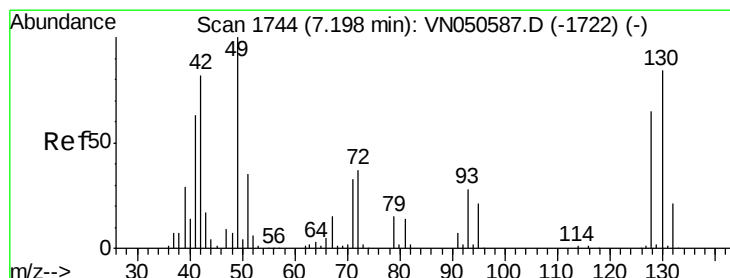
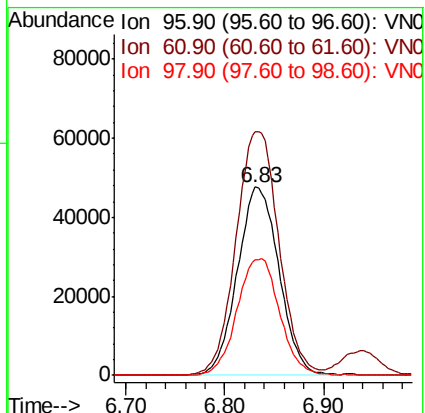
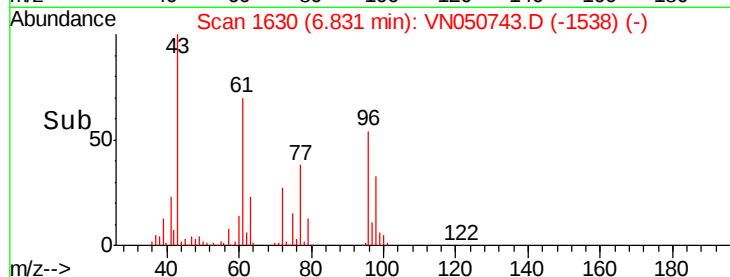
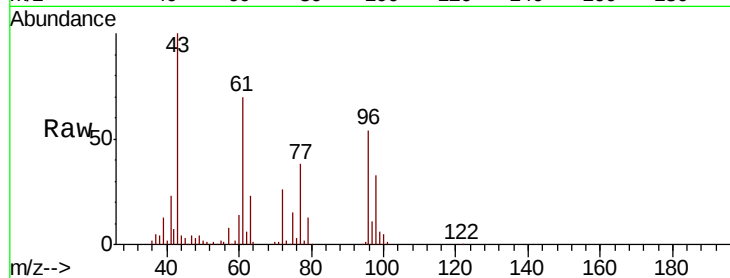
Tot Ion: 96 Resp: 139221

Ion Ratio Lower Upper

96 100

61 133.7 0.0 278.2

98 63.2 0.0 128.8



#28

Bromochloromethane

Concen: 23.55 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

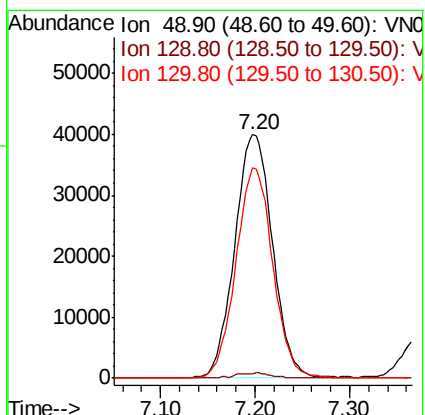
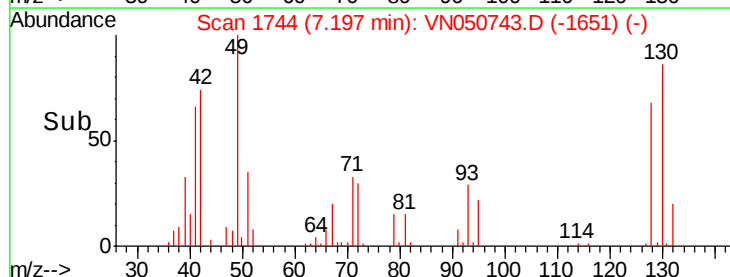
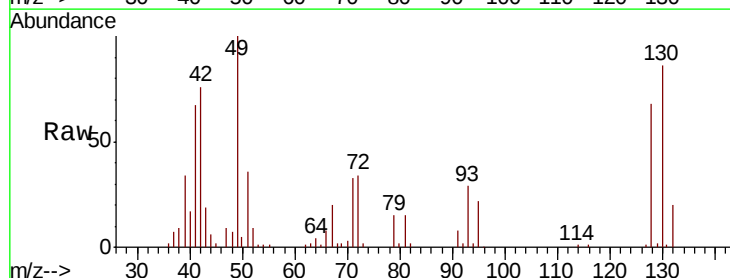
Tgt Ion: 49 Resp: 111109

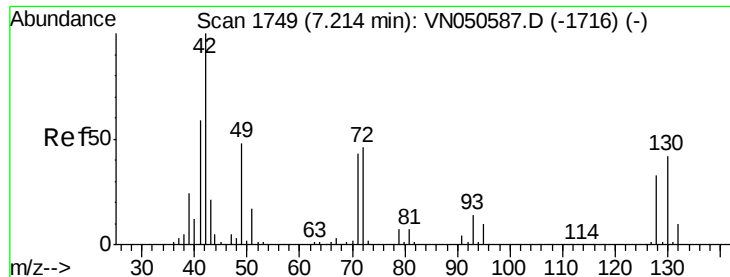
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 84.1 66.8 100.2





#29

Tetrahydrofuran

Concen: 135.34 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampled :

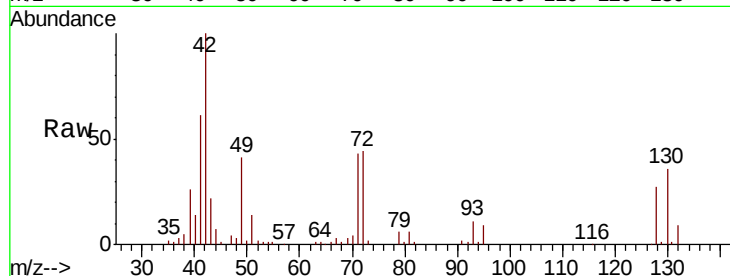
Tot Ion: 42 Resp: 169114

Ion Ratio Lower Upper

42 100

72 44.1 35.8 53.6

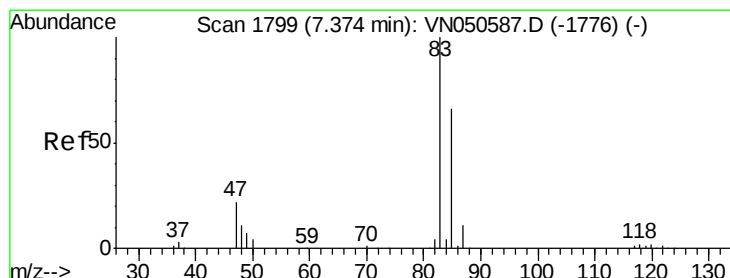
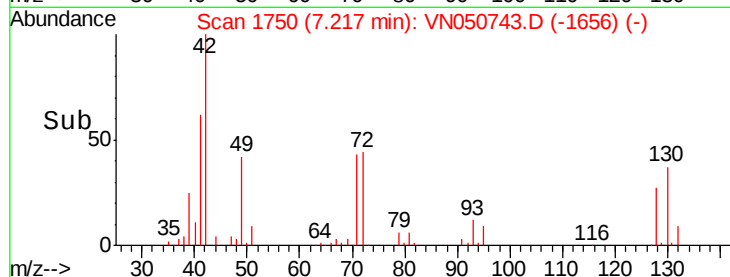
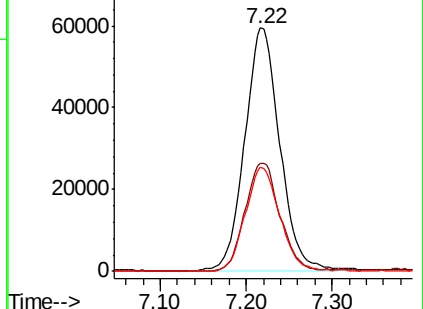
71 42.0 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN050587.D (-1716) (-)

Ion 72.00 (71.70 to 72.70): VN050587.D (-1716) (-)

Ion 71.00 (70.70 to 71.70): VN050587.D (-1716) (-)



#30

Chloroform

Concen: 22.78 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050743.D

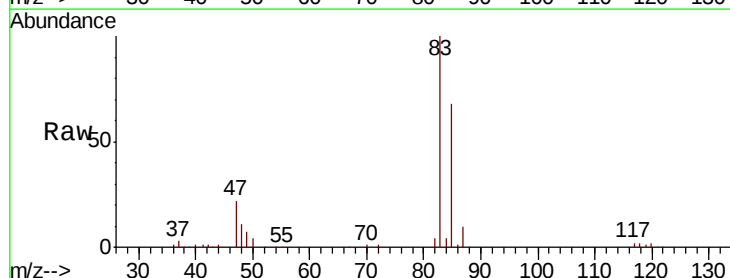
Acq: 18 Aug 2018 1:41

Tgt Ion: 83 Resp: 239390

Ion Ratio Lower Upper

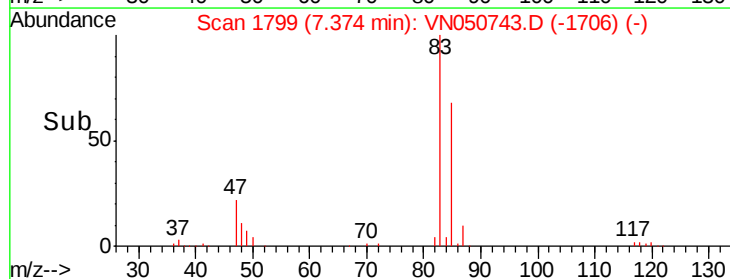
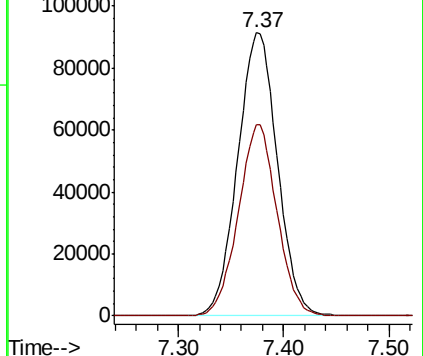
83 100

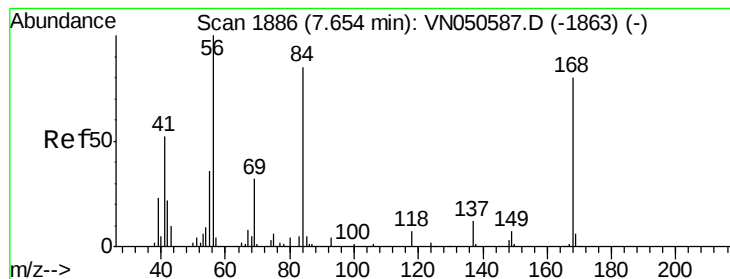
85 67.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-1776) (-)





#31

Cyclohexane

Concen: 15.44 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

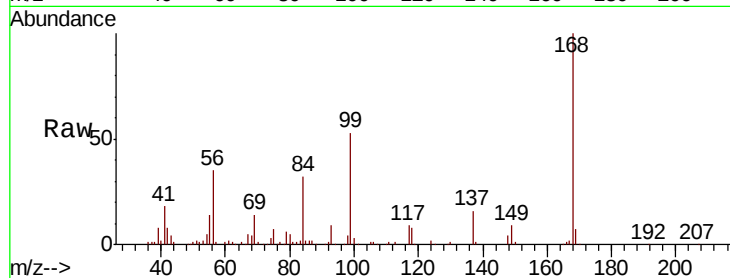
Tot Ion: 56 Resp: 138719

Ion Ratio Lower Upper

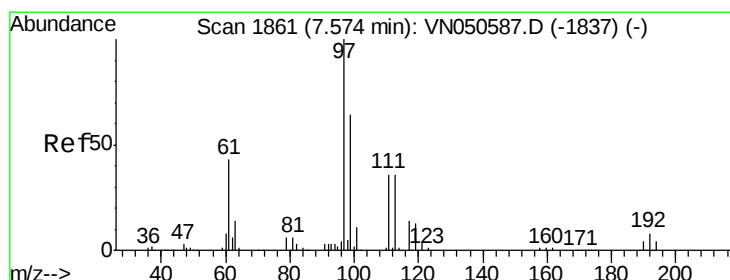
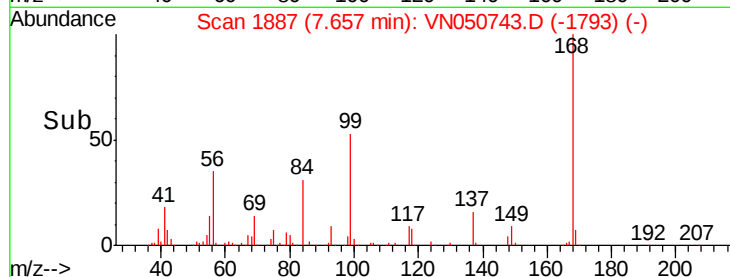
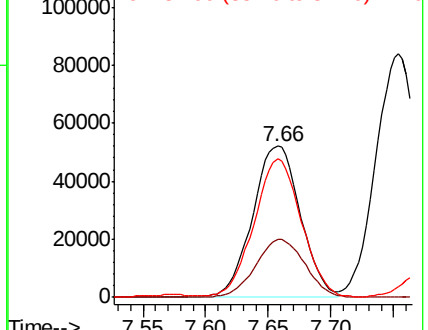
56 100

69 38.4 25.8 38.6

84 90.3 67.8 101.6



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



#32

1,1,1-Trichloroethane

Concen: 19.65 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

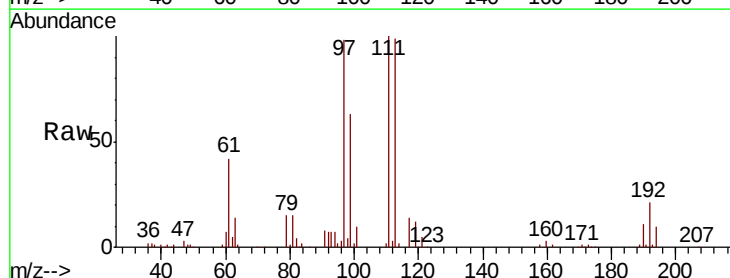
Tgt Ion: 97 Resp: 173756

Ion Ratio Lower Upper

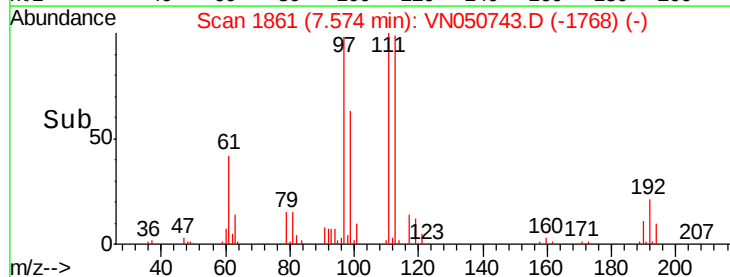
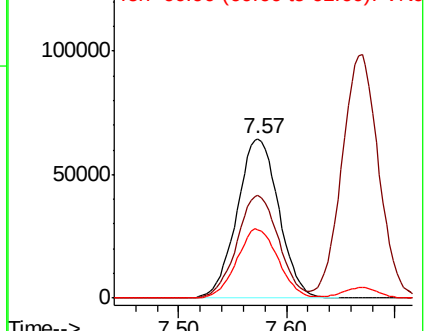
97 100

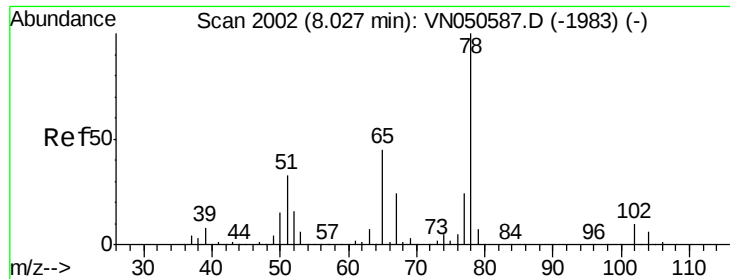
99 64.5 51.1 76.7

61 43.2 34.8 52.2



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

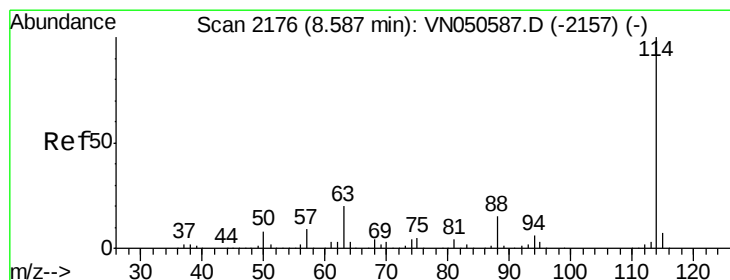
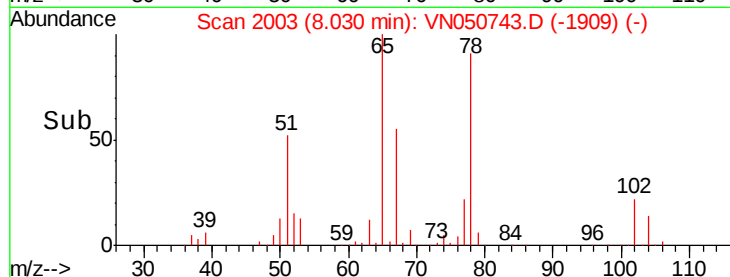
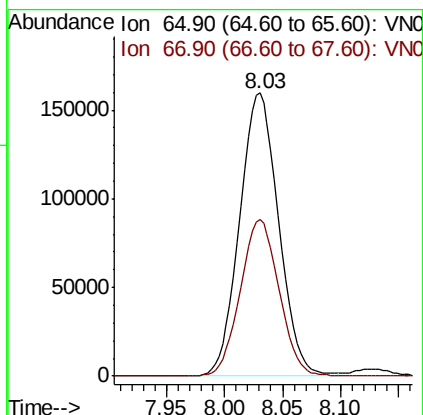
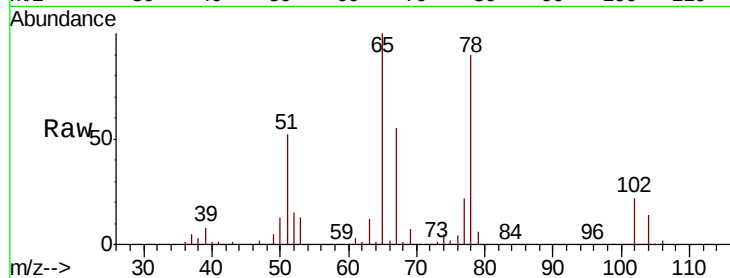




#33
 1,2-Dichloroethane-d4
 Concen: 64.07 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

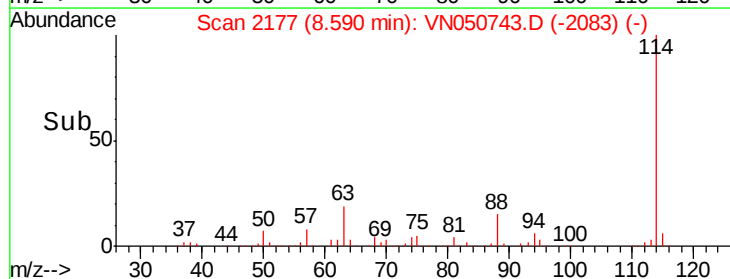
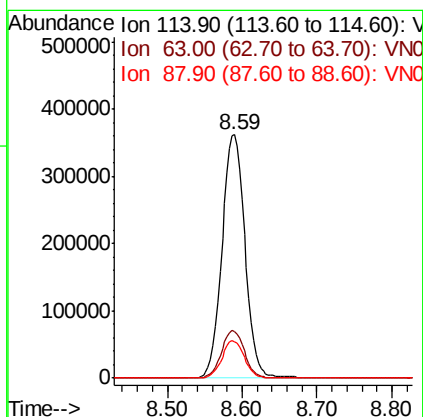
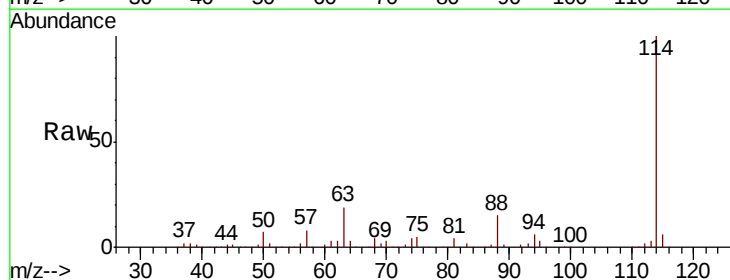
Instrument :
 MSVOA_N
 ClientSampleId :

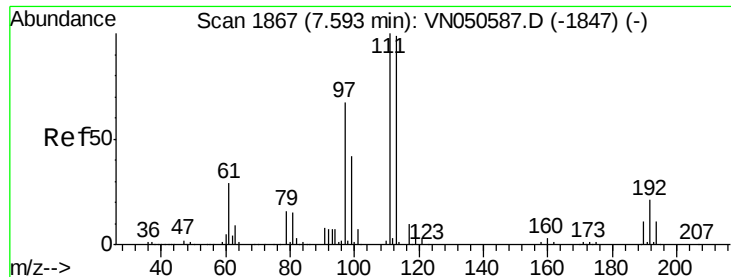
Tot Ion: 65 Resp: 373995
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion: 114 Resp: 768903
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.81 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampleId :

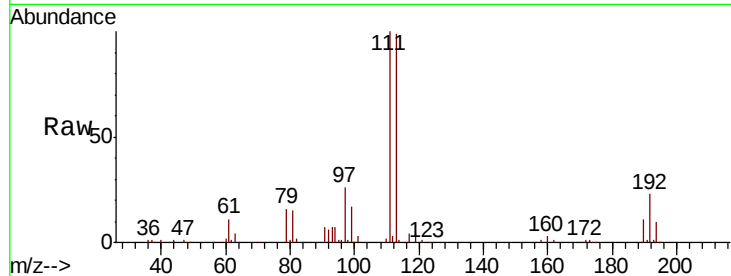
Tot Ion:113 Resp: 342578

Ion Ratio Lower Upper

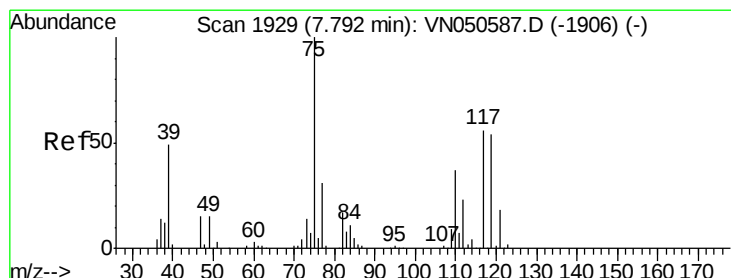
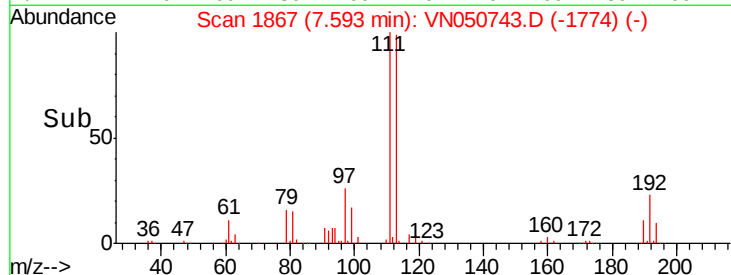
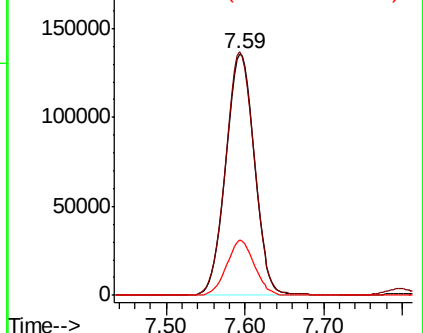
113 100

111 100.3 81.0 121.6

192 22.1 17.6 26.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.44 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

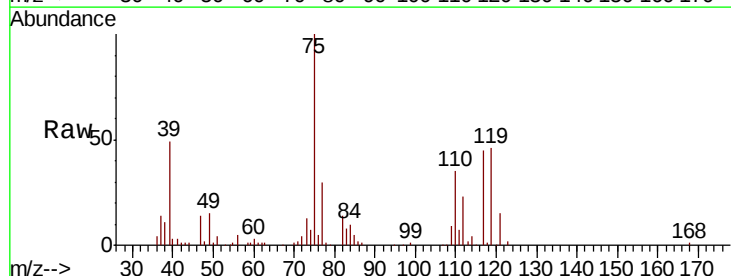
Tgt Ion: 75 Resp: 140681

Ion Ratio Lower Upper

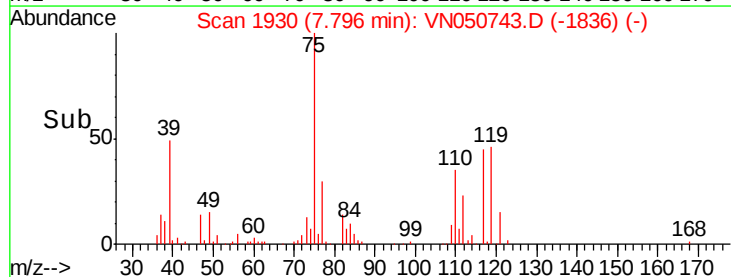
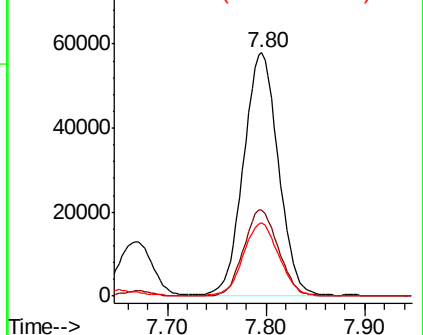
75 100

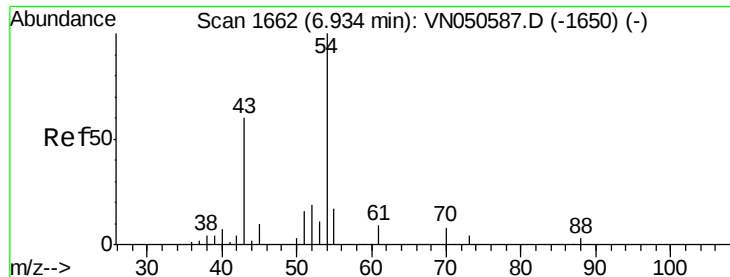
110 35.4 18.3 54.9

77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO

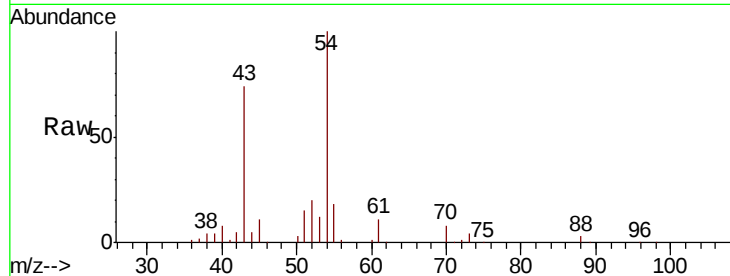




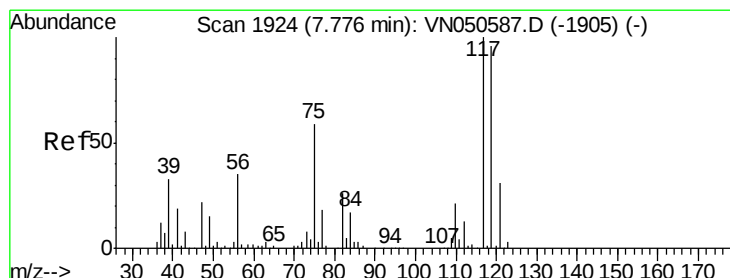
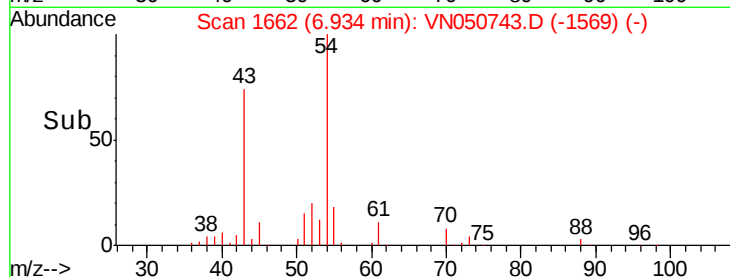
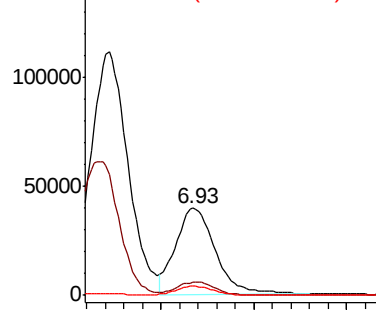
#37
Ethyl Acetate
Concen: 24.43 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 118208
Ion Ratio Lower Upper
43 100
61 14.0 12.0 18.0
70 10.3 8.5 12.7

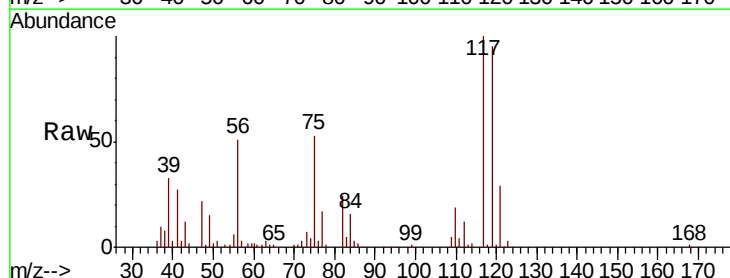


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

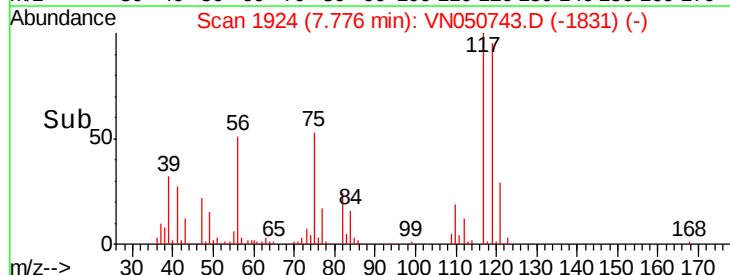
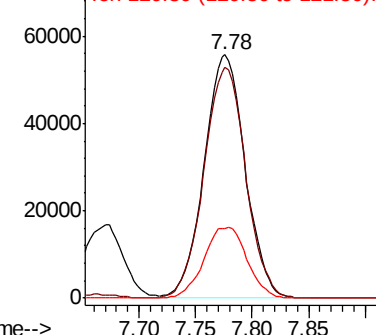


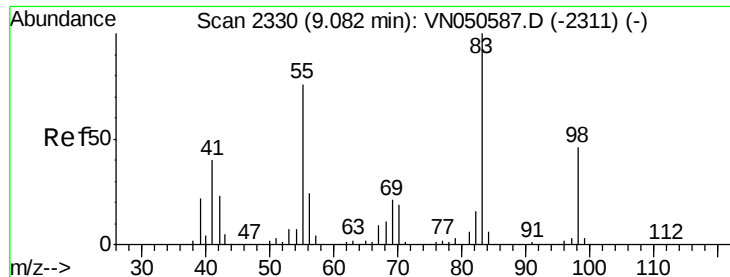
#38
Carbon Tetrachloride
Concen: 15.81 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 117 Resp: 140354
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0
121 28.8 25.0 37.6



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

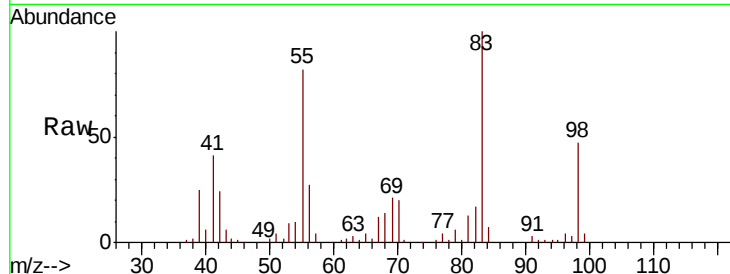




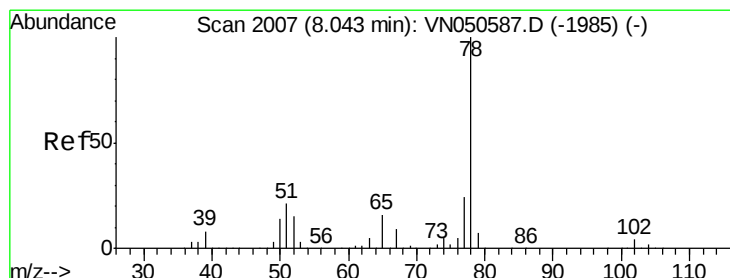
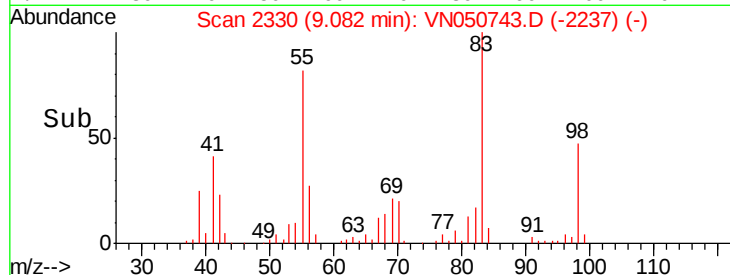
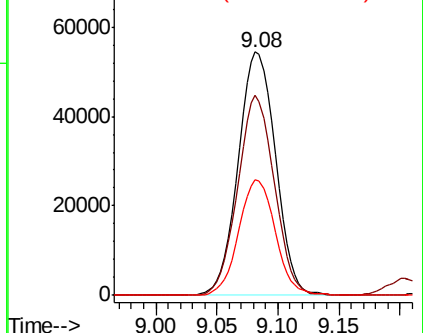
#39
Methvlcvclohexane
Concen: 13.02 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 115353
Ion Ratio Lower Upper
83 100
55 82.1 60.6 91.0
98 47.3 37.0 55.4

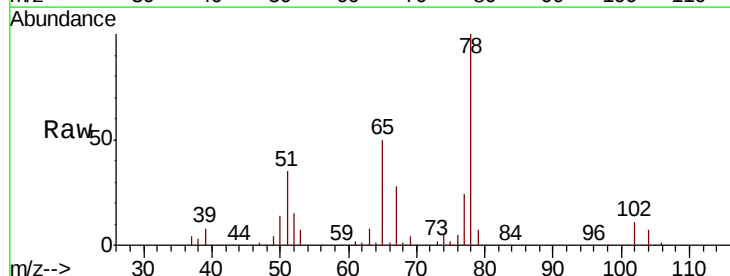


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

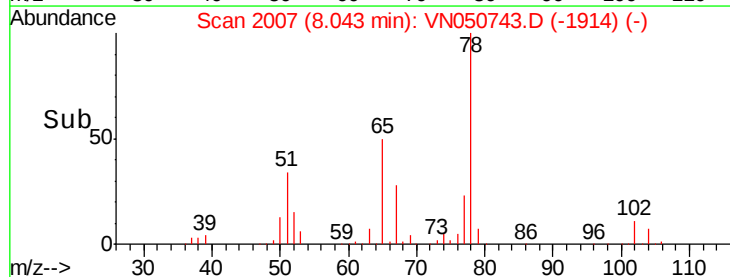
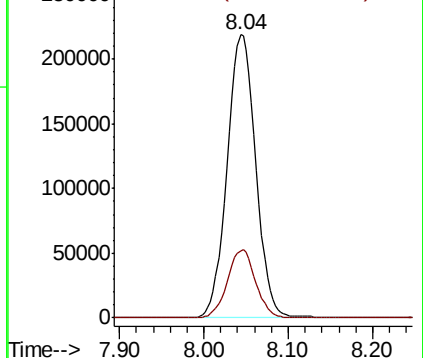


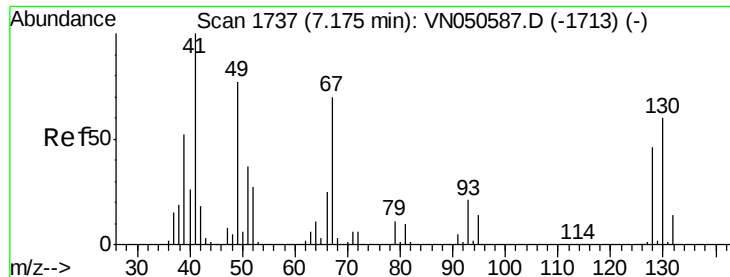
#40
Benzene
Concen: 19.86 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 78 Resp: 517037
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



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

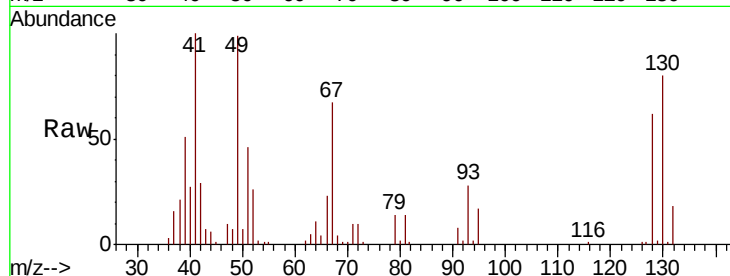




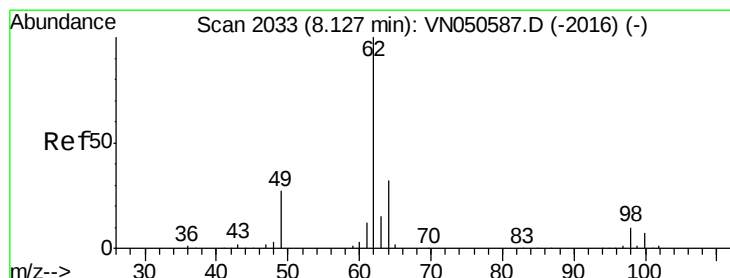
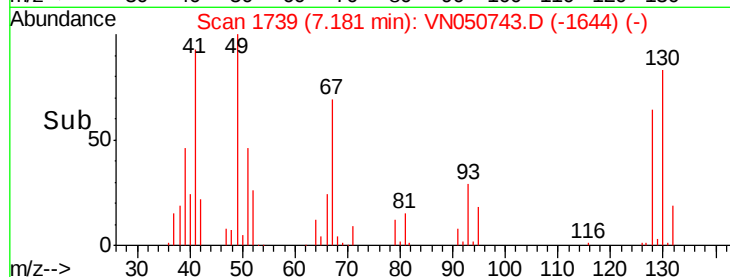
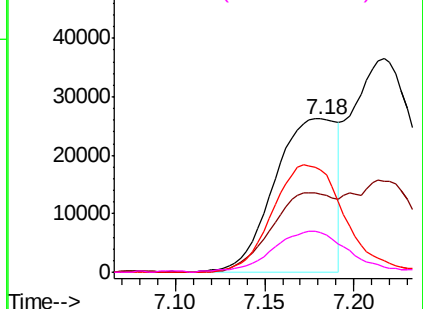
#41
Methacrylonitrile
Concen: 24.42 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 63875
Ion Ratio Lower Upper
41 100
39 52.8 44.6 66.8
67 80.9 66.7 100.1
52 33.0 26.5 39.7

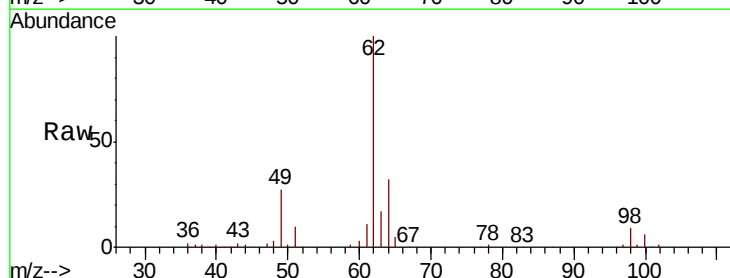


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

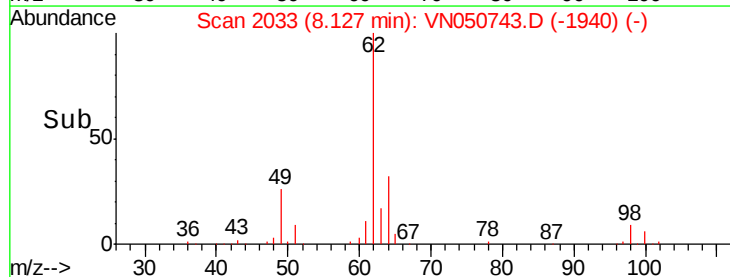
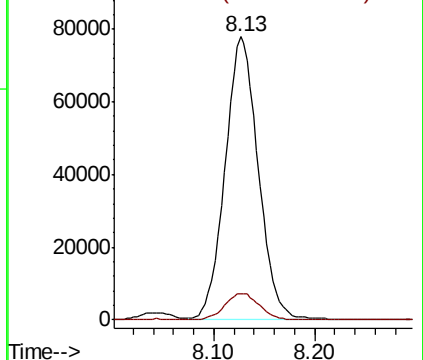


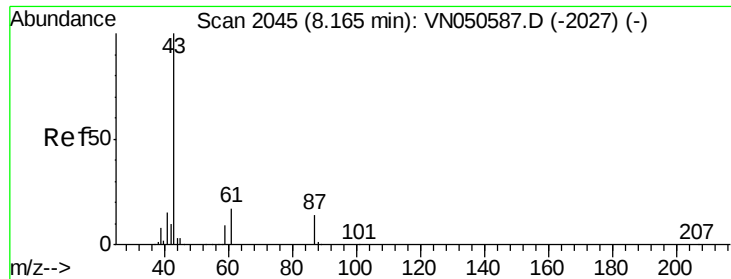
#42
1,2-Dichloroethane
Concen: 22.26 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 62 Resp: 177630
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



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

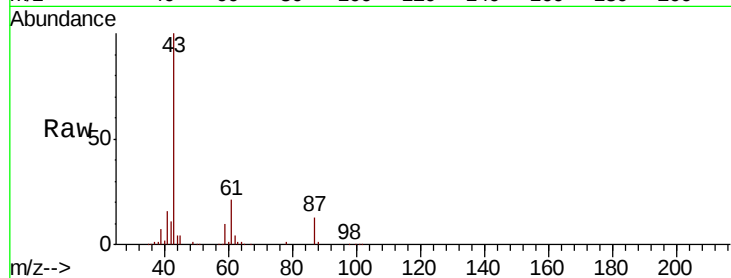




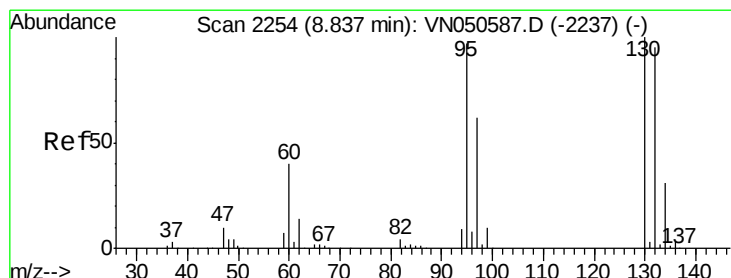
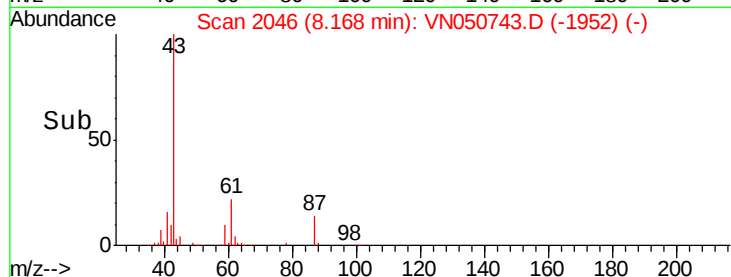
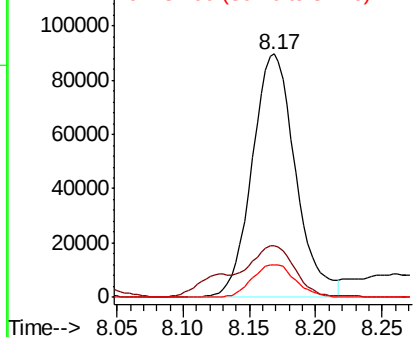
#43
Isopropyl Acetate
Concen: 23.16 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 204227
Ion Ratio Lower Upper
43 100
61 21.8 16.2 24.2
87 13.4 10.9 16.3

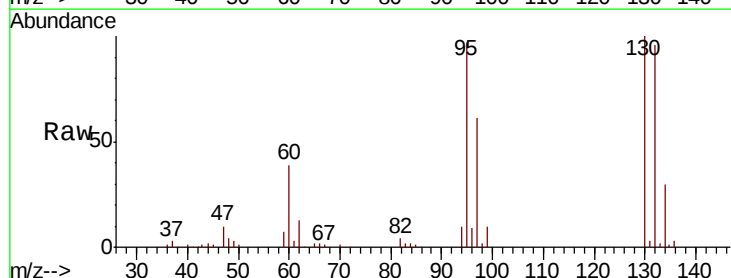


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

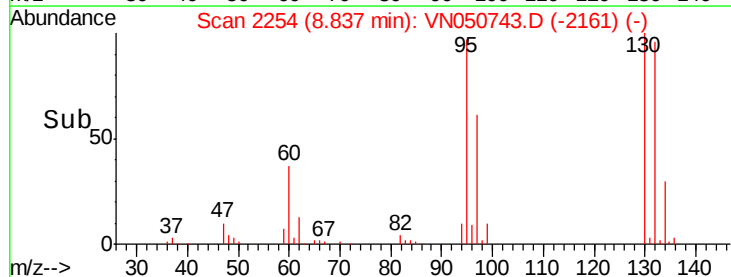
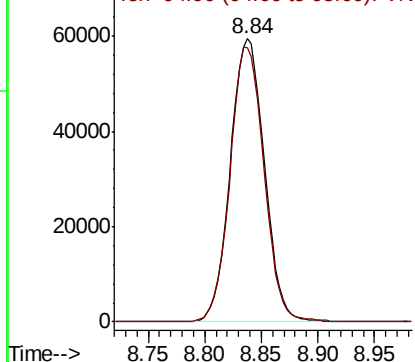


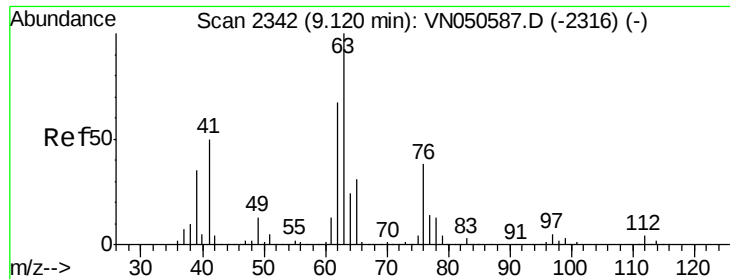
#44
Trichloroethene
Concen: 17.91 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:130 Resp: 124907
Ion Ratio Lower Upper
130 100
95 97.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.66 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

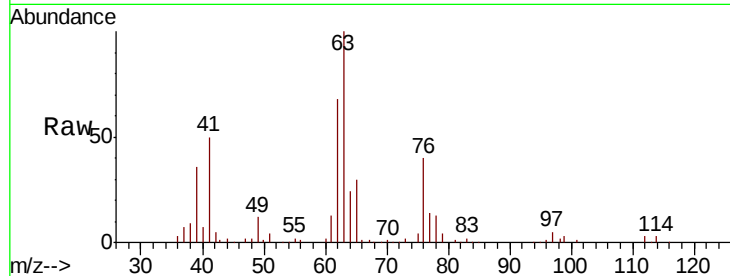
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 143226

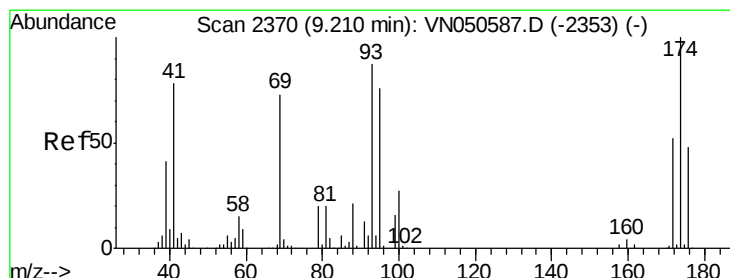
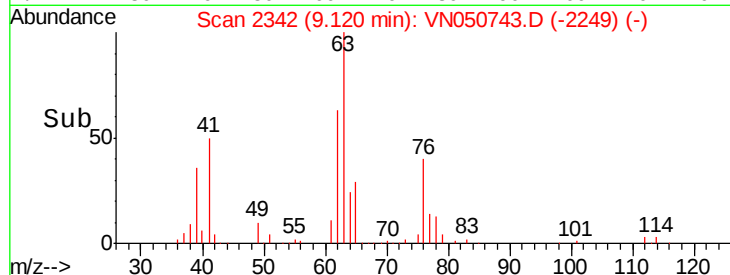
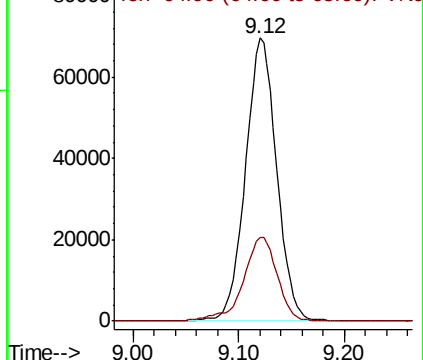
Ion Ratio Lower Upper

63 100

65 29.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.47 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

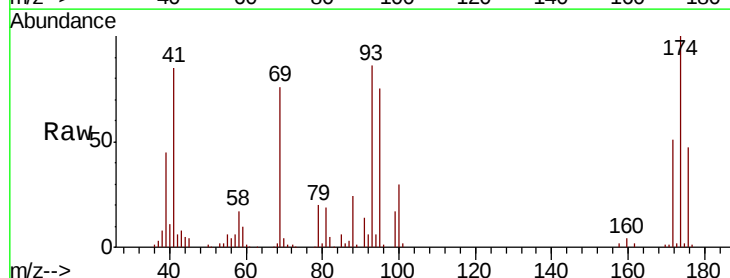
Tgt Ion: 93 Resp: 87901

Ion Ratio Lower Upper

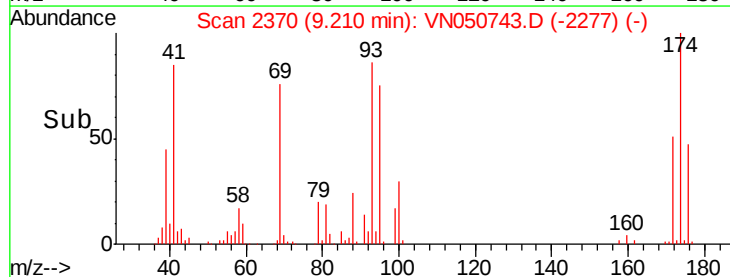
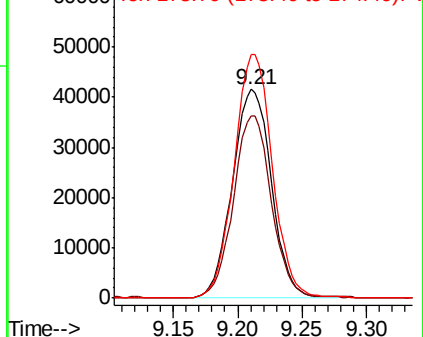
93 100

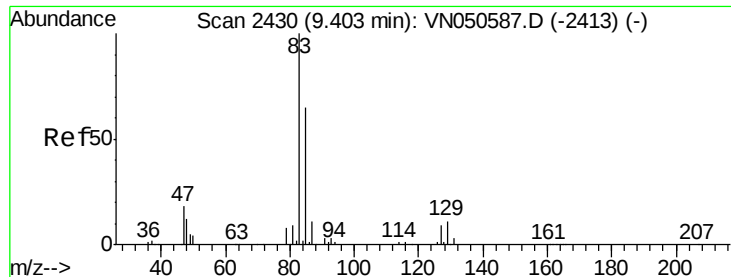
95 84.5 69.1 103.7

174 114.1 91.0 136.6



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.63 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

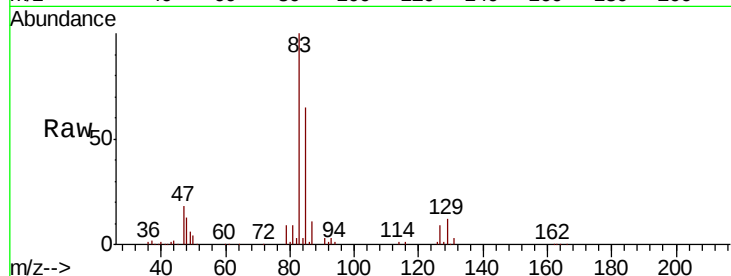
Tot Ion: 83 Resp: 180460

Ion Ratio Lower Upper

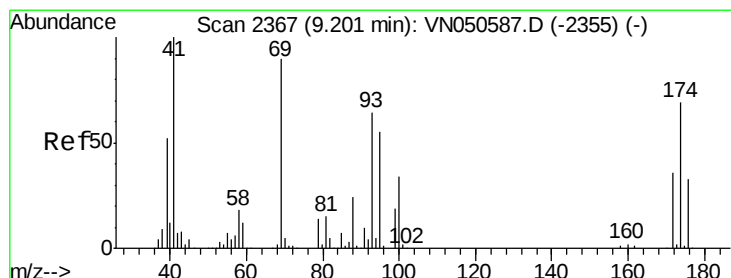
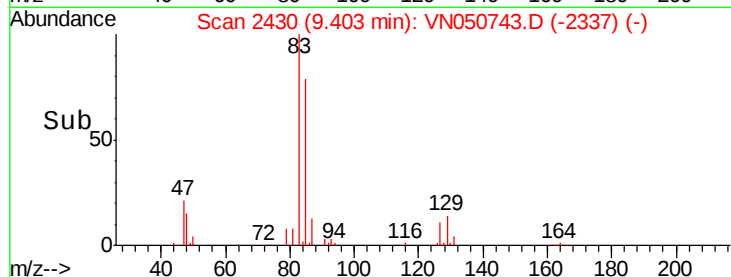
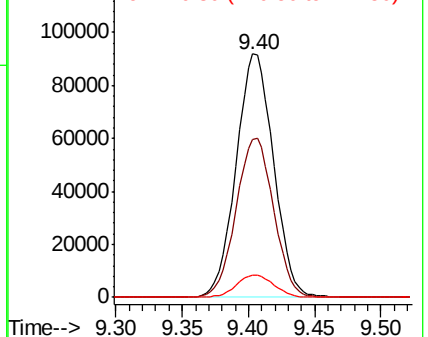
83 100

85 65.0 51.8 77.6

127 9.1 7.2 10.8



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: 21.60 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

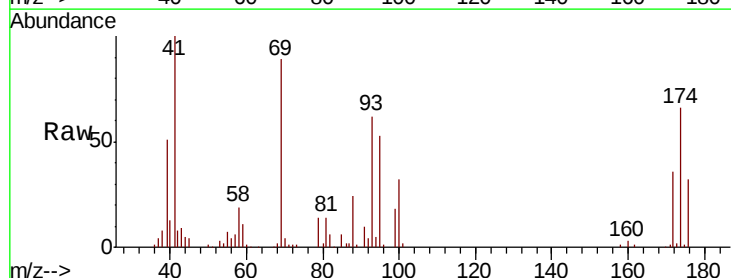
Tgt Ion: 41 Resp: 95822

Ion Ratio Lower Upper

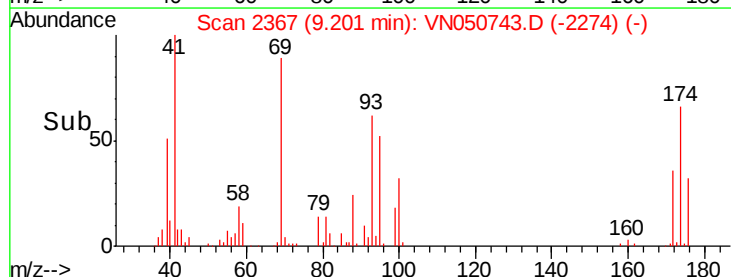
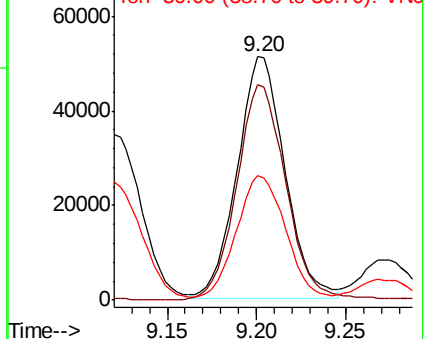
41 100

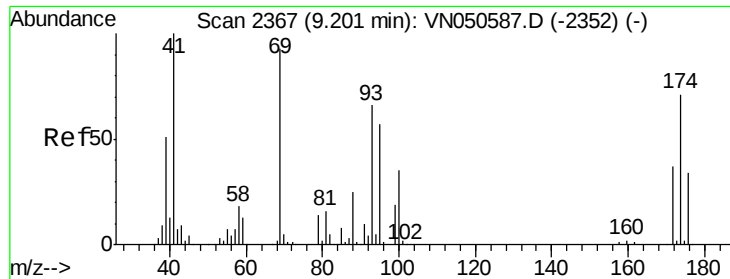
69 92.1 73.4 110.0

39 52.9 43.0 64.6



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

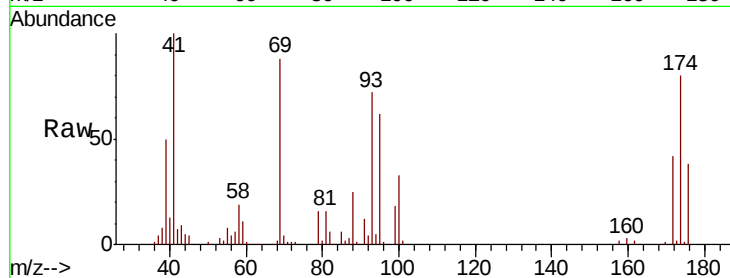




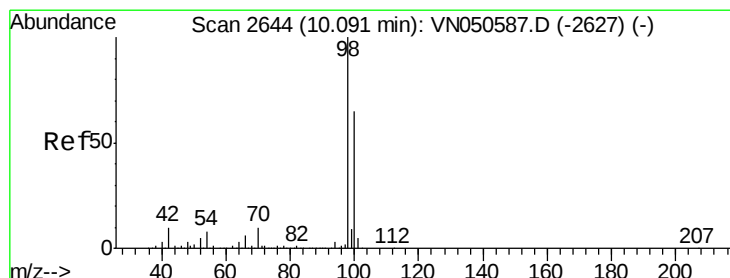
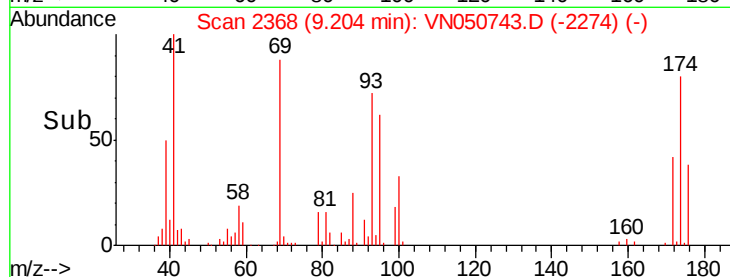
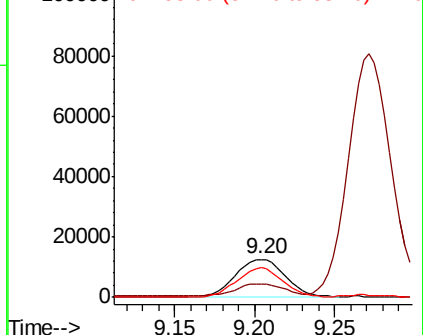
#49
 1,4-Dioxane
 Concen: 463.42 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 27086
 Ion Ratio Lower Upper
 88 100
 43 31.0 25.9 38.9
 58 71.7 56.5 84.7

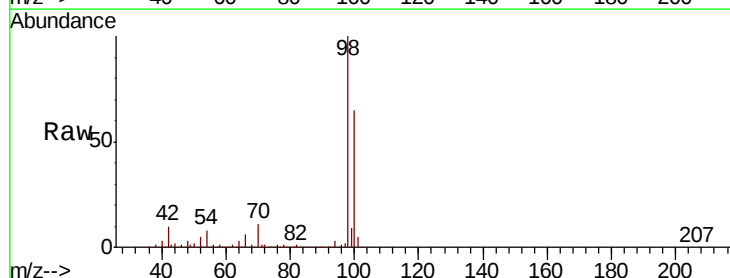


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

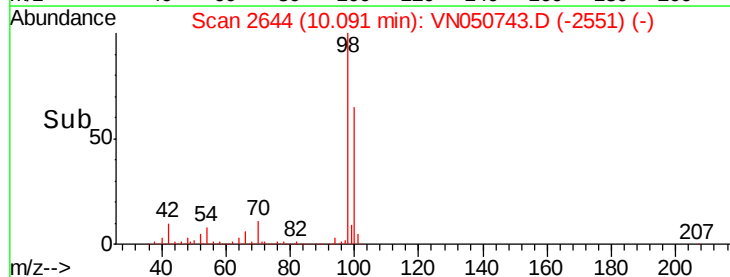
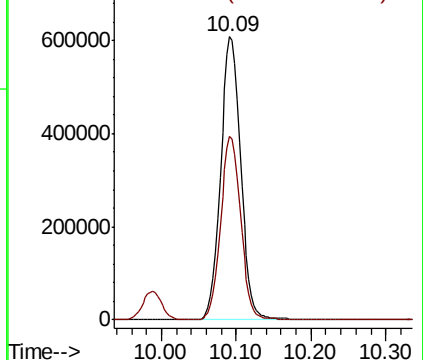


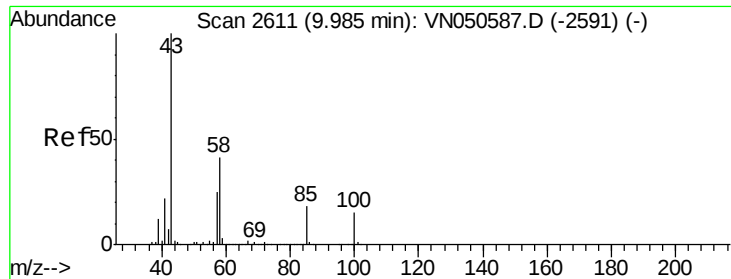
#50
 Toluene-d8
 Concen: 48.89 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion: 98 Resp: 1129501
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.8 77.8



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

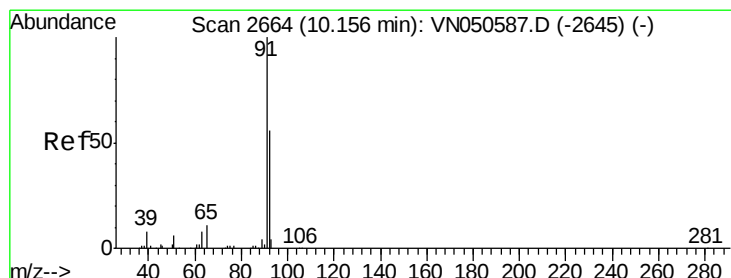
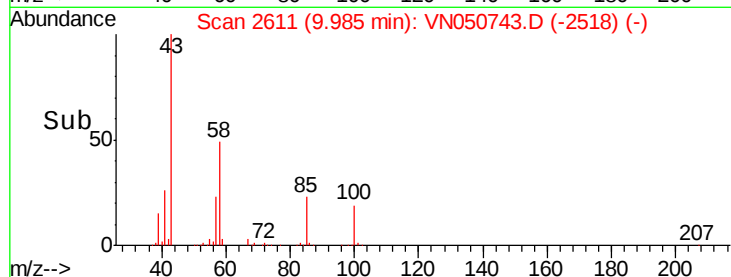
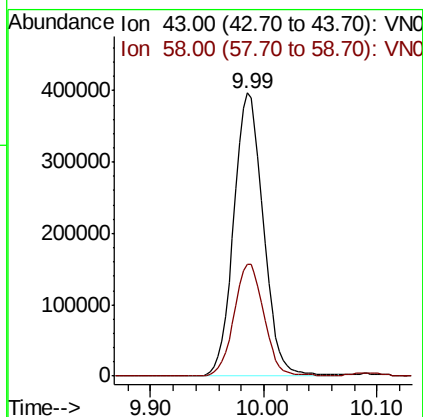
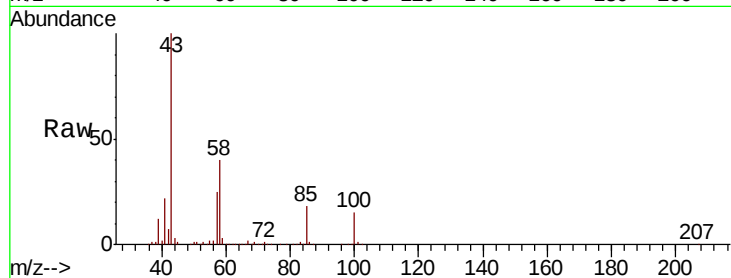




#51
4-Methyl-2-Pentanone
Concen: 121.43 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

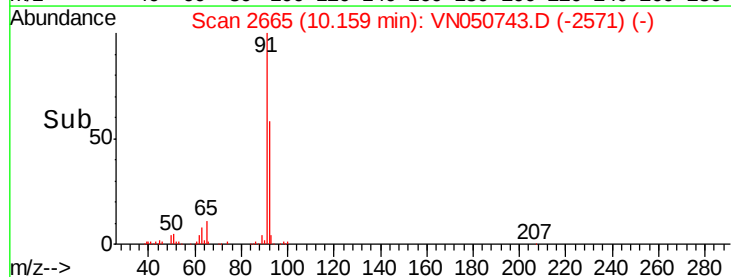
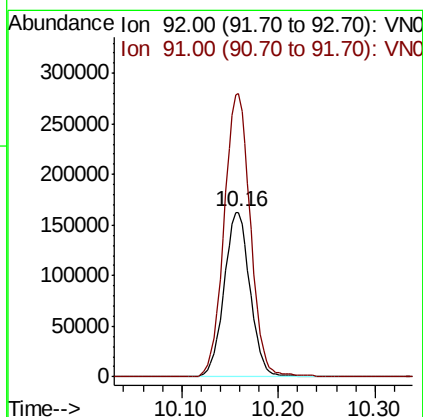
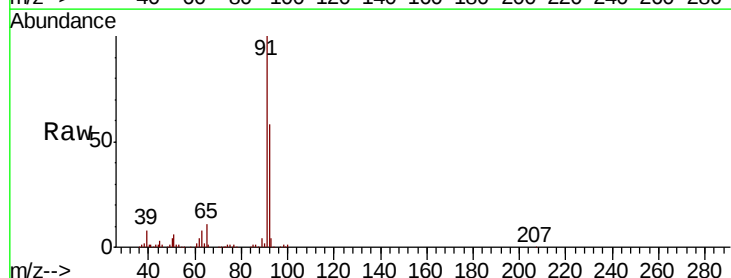
Instrument :
MSVOA_N
ClientSampled :

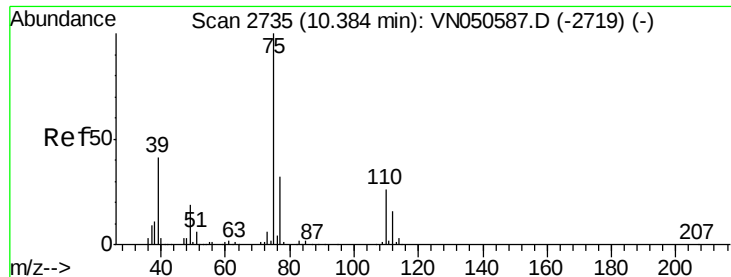
Tot Ion: 43 Resp: 724126
Ion Ratio Lower Upper
43 100
58 39.9 32.5 48.7



#52
Toluene
Concen: 19.51 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 92 Resp: 303312
Ion Ratio Lower Upper
92 100
91 174.3 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 19.78 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

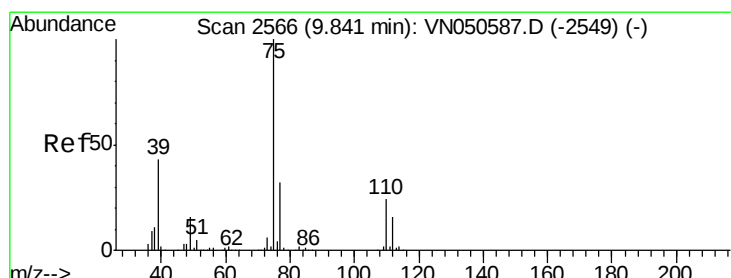
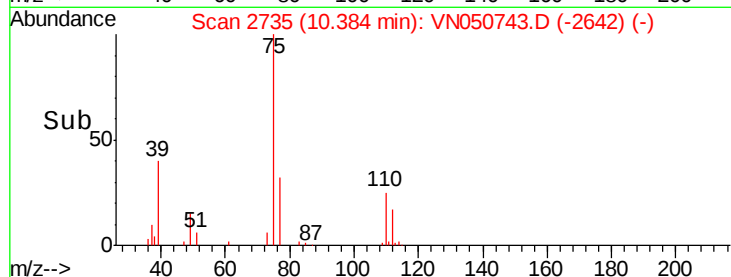
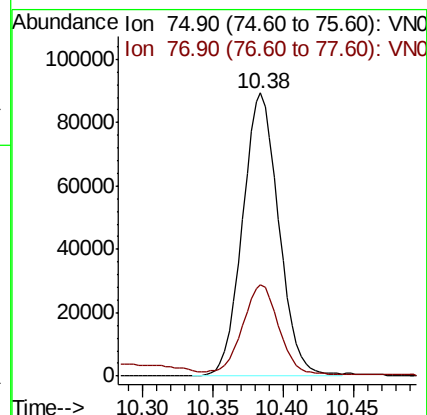
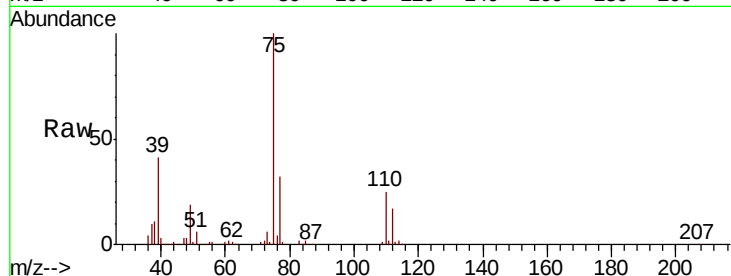
ClientSampled :

Tot Ion: 75 Resp: 161192

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.58 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

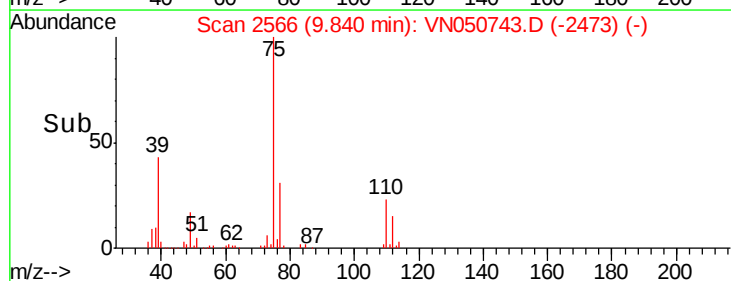
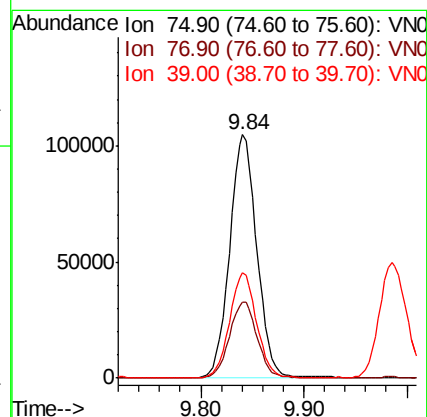
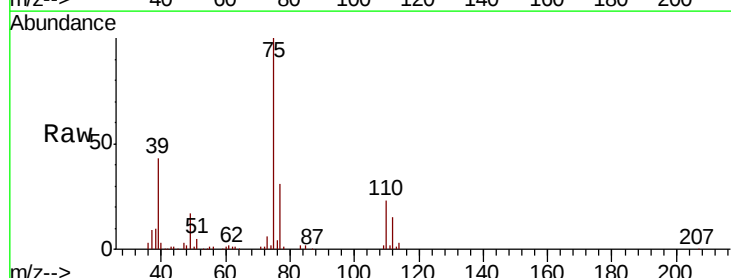
Tgt Ion: 75 Resp: 192441

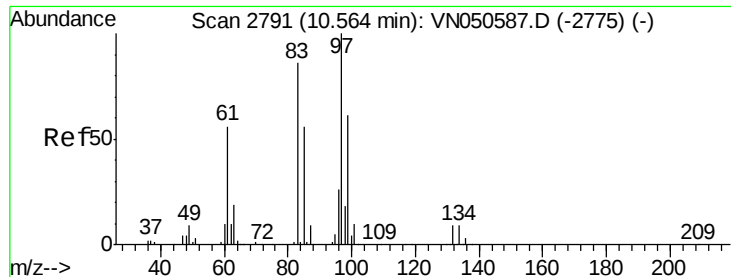
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 43.3 34.4 51.6

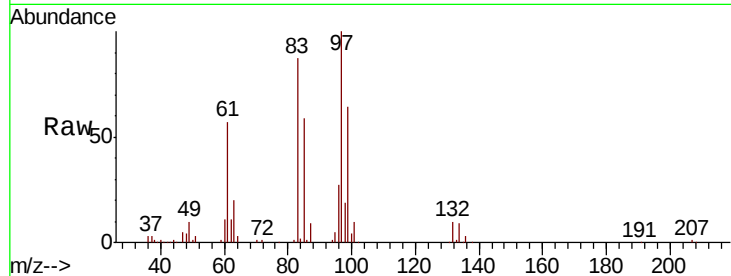




#55
 1,1,2-Trichloroethane
 Concen: 21.72 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	97	Resp	126127
Ion Ratio	Lower	Upper	
97	100		
83	87.4	68.5	102.7
85	58.7	44.6	66.8
99	64.2	49.1	73.7



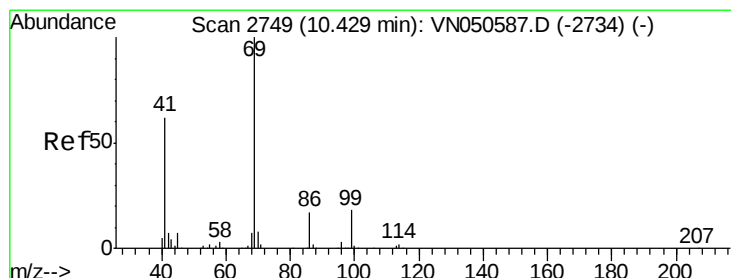
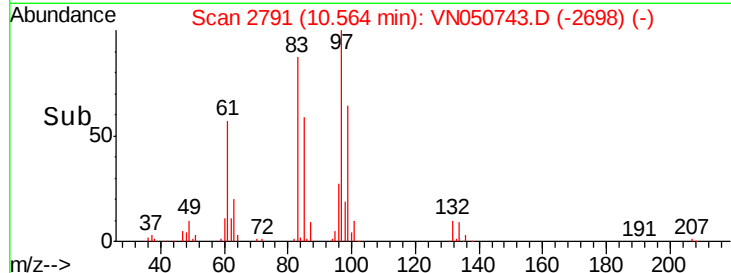
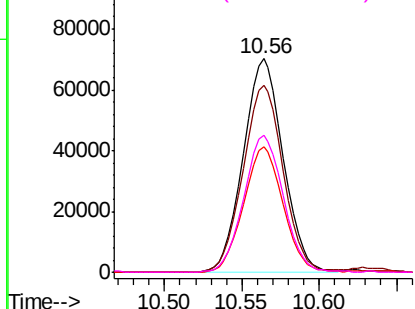
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

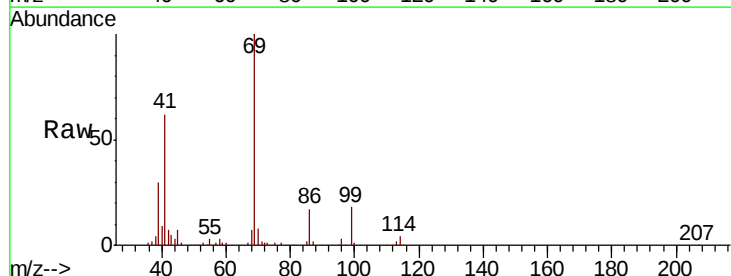
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 20.97 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion	69	Resp	146875
Ion Ratio	Lower	Upper	
69	100		
41	62.8	49.7	74.5
39	30.9	24.2	36.2

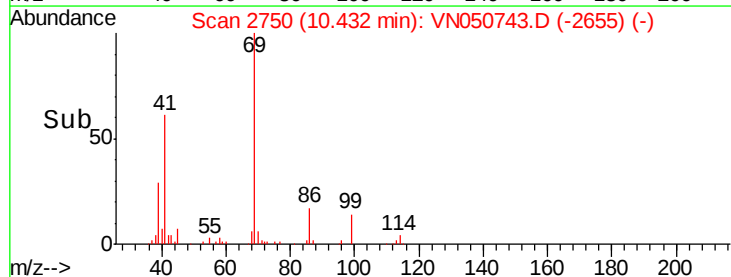
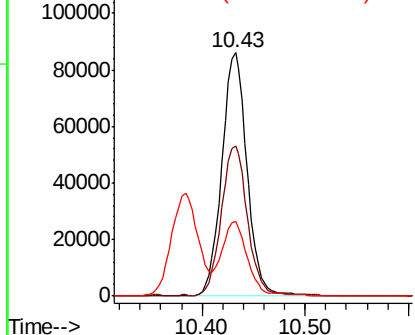


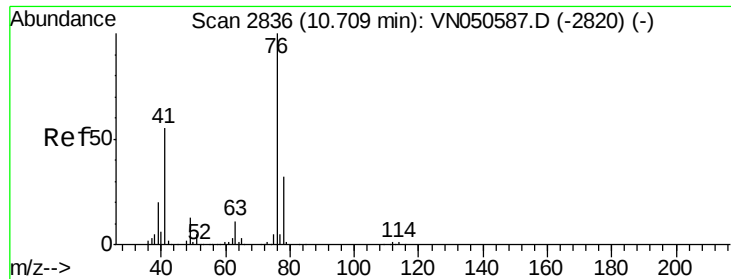
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

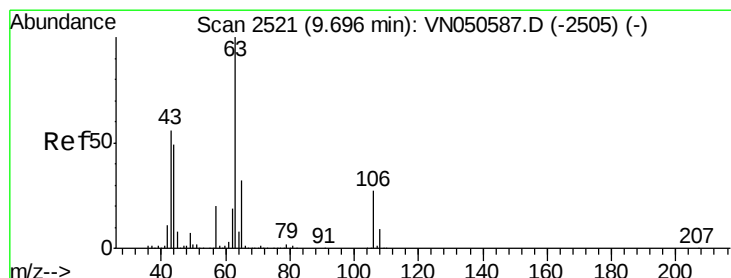
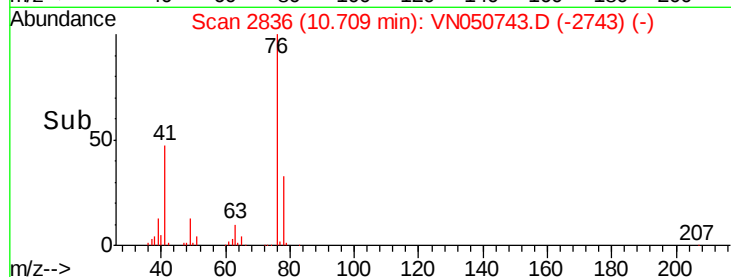
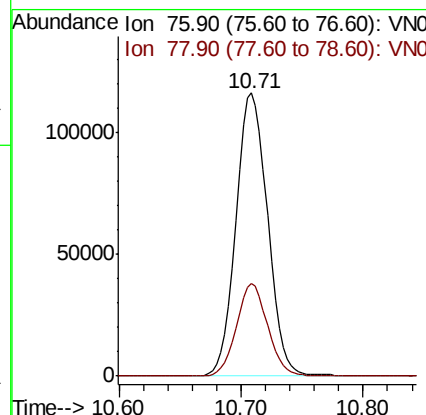
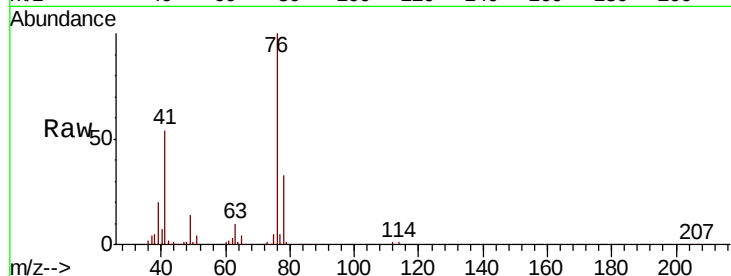




#57
 1,3-Dichloropropane
 Concen: 22.01 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

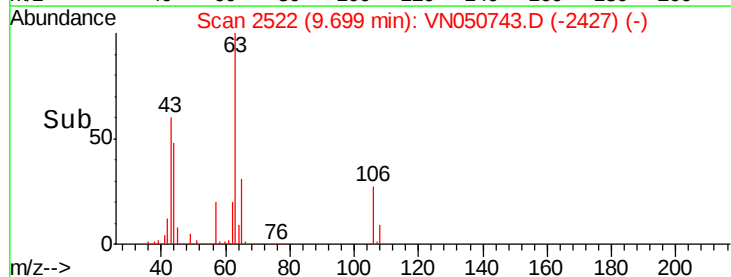
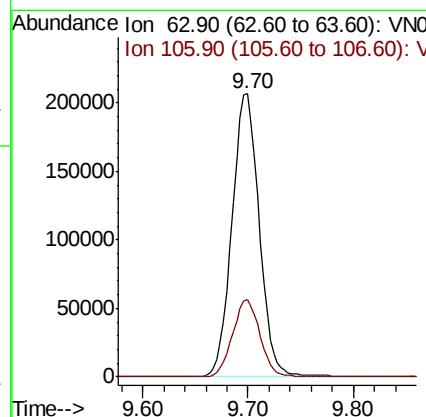
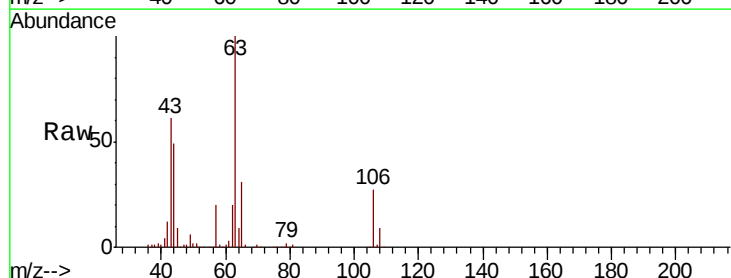
Instrument :
 MSVOA_N
 ClientSampled :

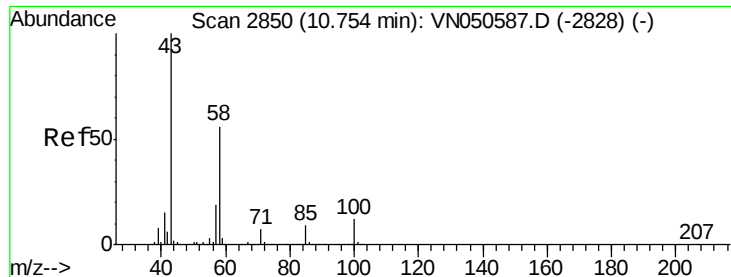
Tot Ion: 76 Resp: 209591
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.32 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion: 63 Resp: 369984
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.7 32.5

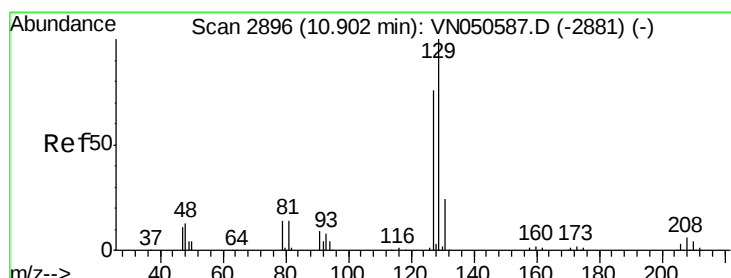
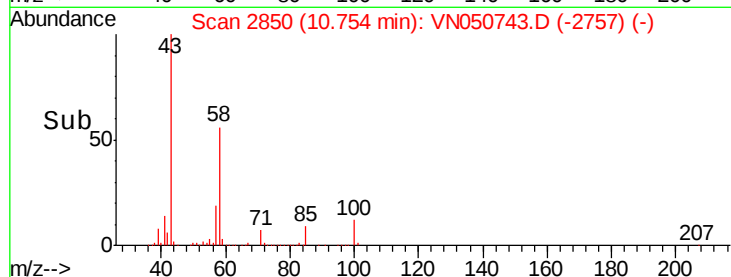
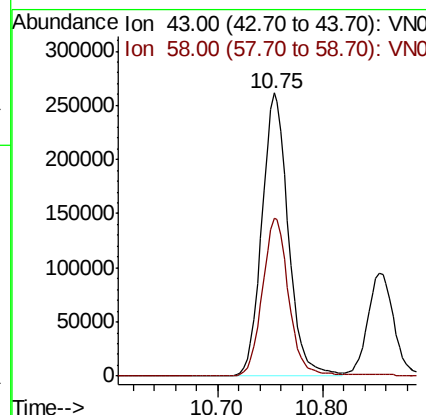
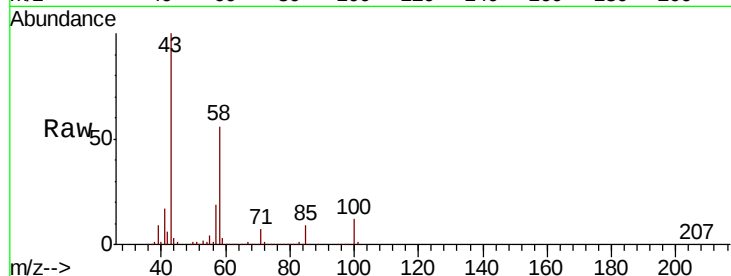




#59
2-Hexanone
Concen: 118.26 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

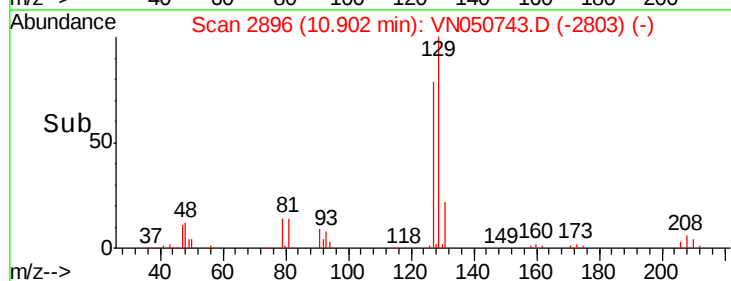
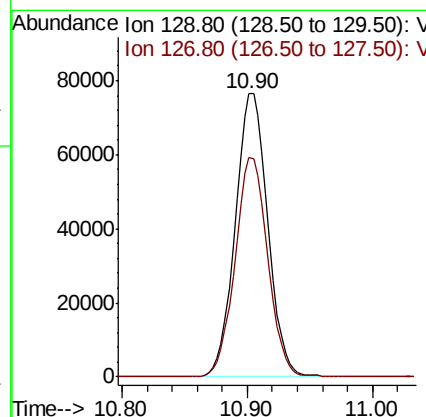
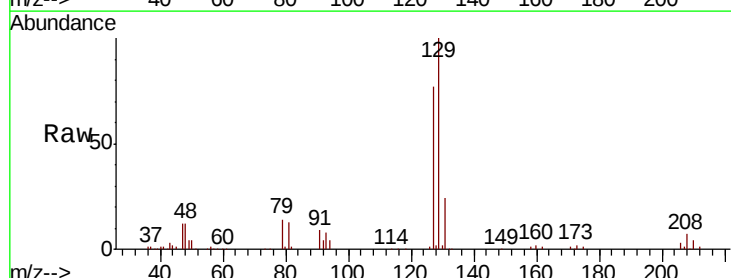
Instrument :
MSVOA_N
ClientSampled :

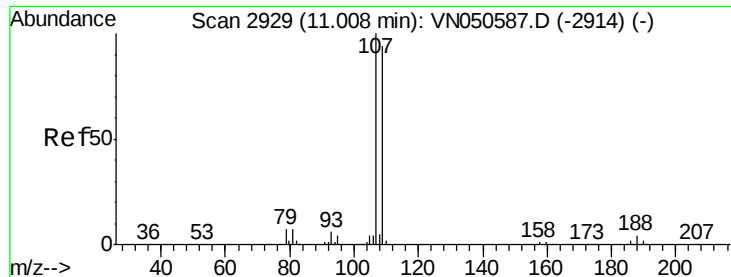
Tot Ion: 43 Resp: 455153
Ion Ratio Lower Upper
43 100
58 56.0 28.0 84.0



#60
Dibromochloromethane
Concen: 21.43 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion: 129 Resp: 137390
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7

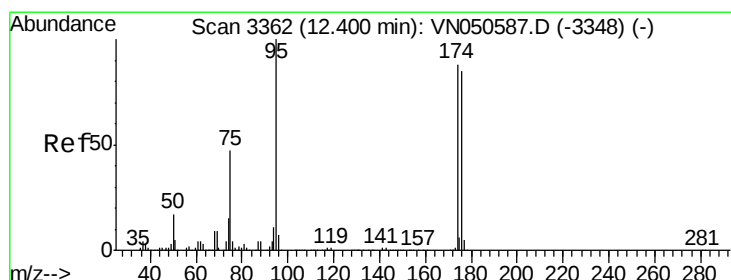
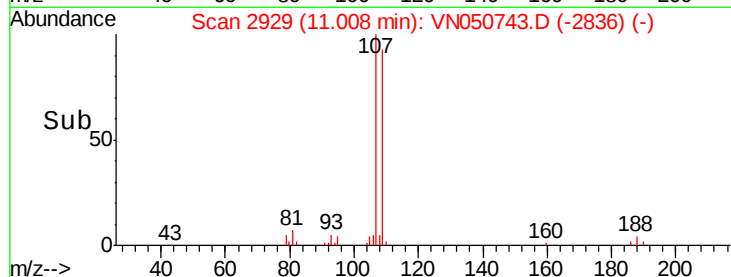
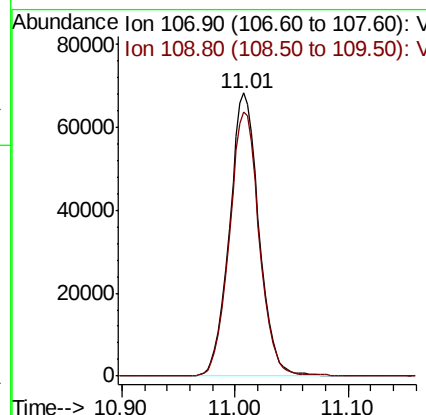
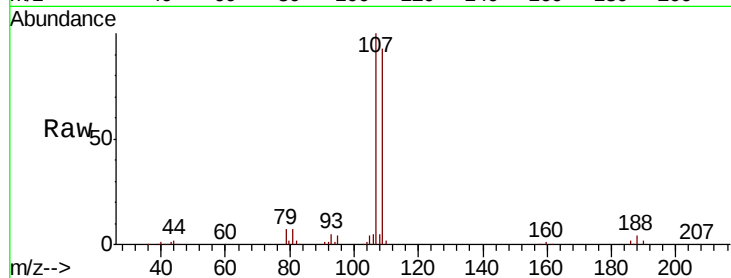




#61
 1,2-Dibromoethane
 Concen: 22.27 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

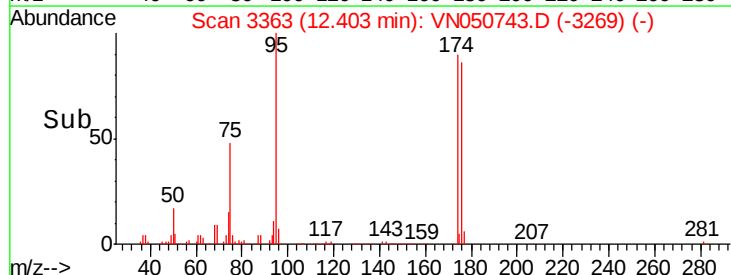
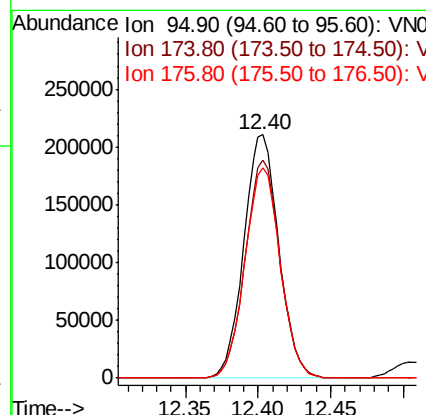
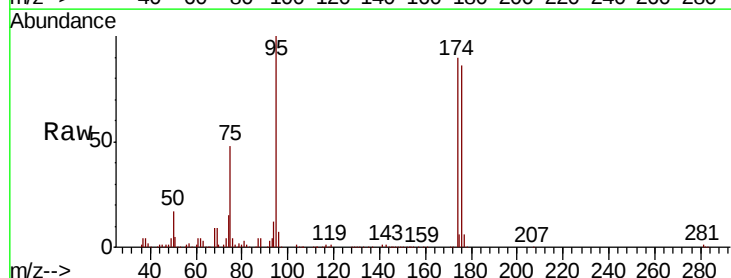
Instrument :
 MSVOA_N
 ClientSampleId :

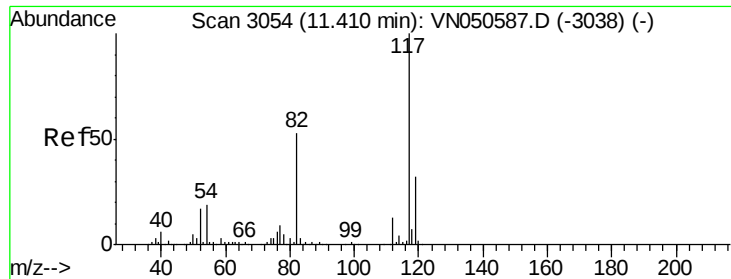
Tot Ion:107 Resp: 123183
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 46.18 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion: 95 Resp: 352474
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 177.8
 176 87.3 0.0 175.0

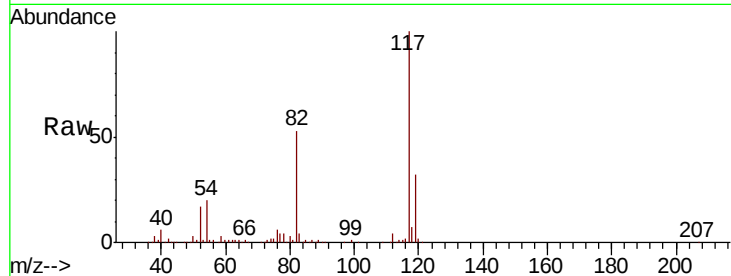




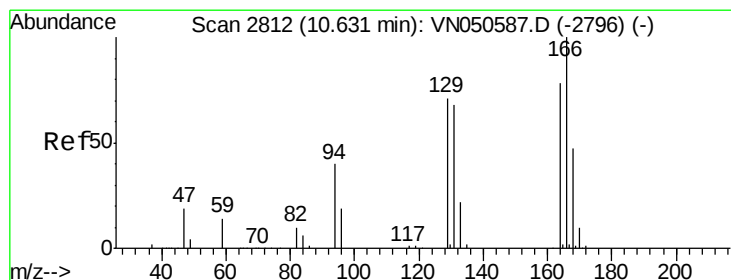
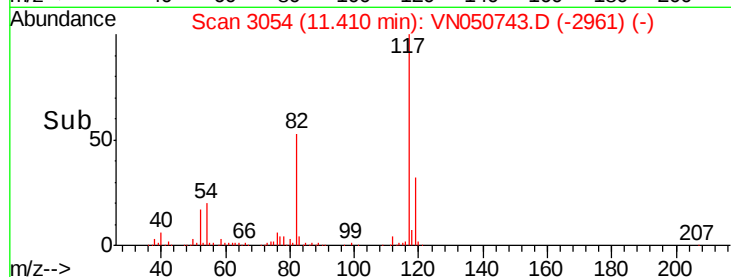
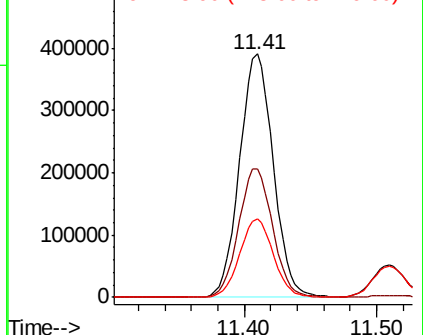
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 690820
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.2 25.8 38.8

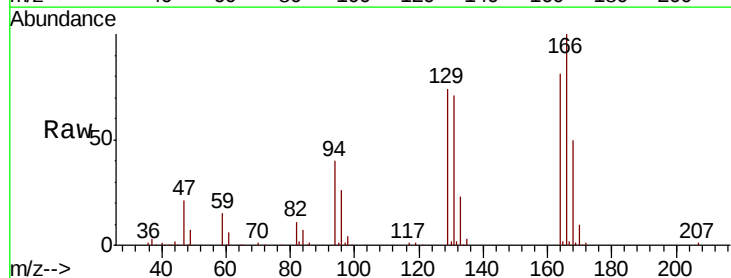


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

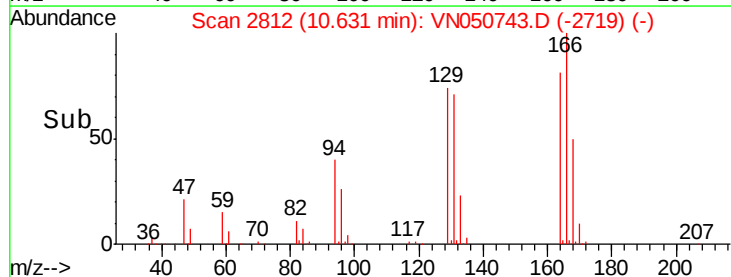
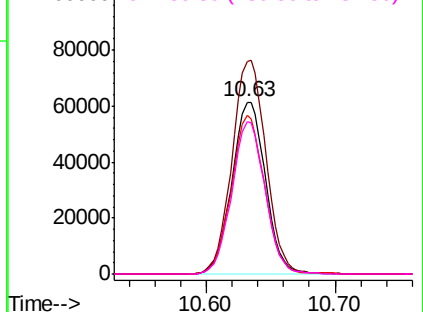


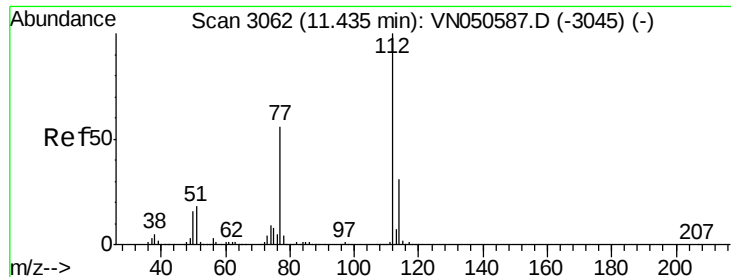
#64
Tetrachloroethene
Concen: 17.32 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:164 Resp: 111098
Ion Ratio Lower Upper
164 100
166 123.7 102.1 153.1
129 92.1 72.7 109.1
131 88.3 69.9 104.9



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

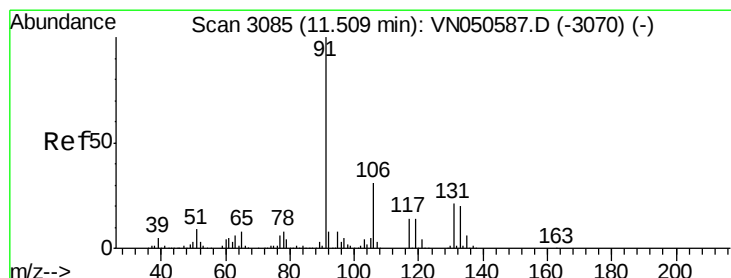
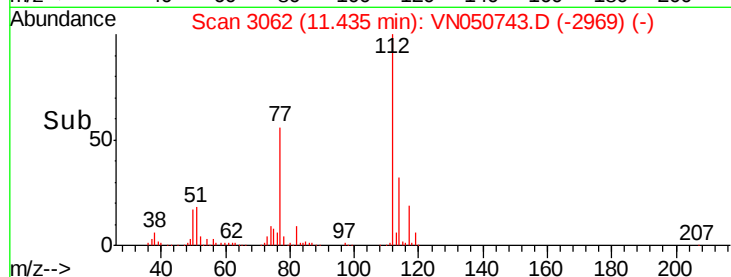
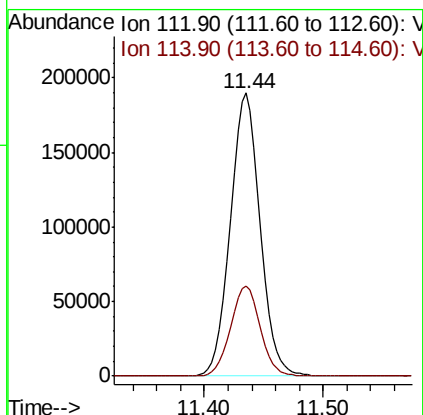
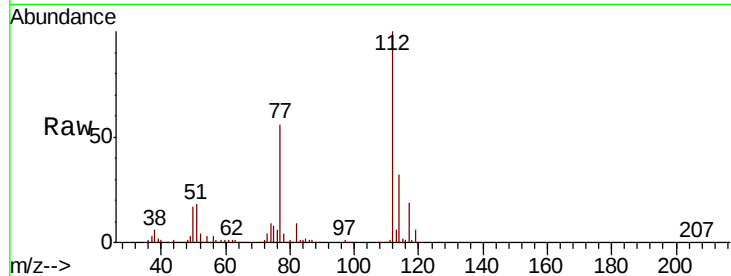




#65
Chlorobenzene
Concen: 19.10 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

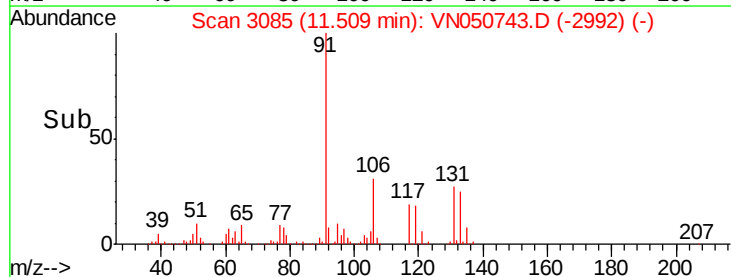
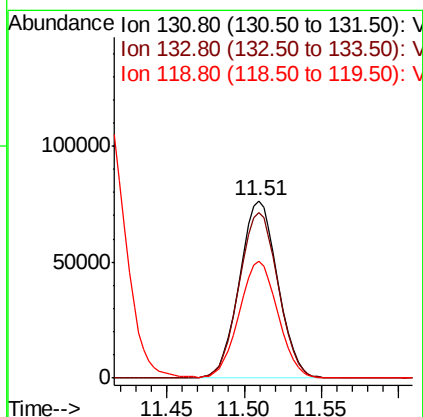
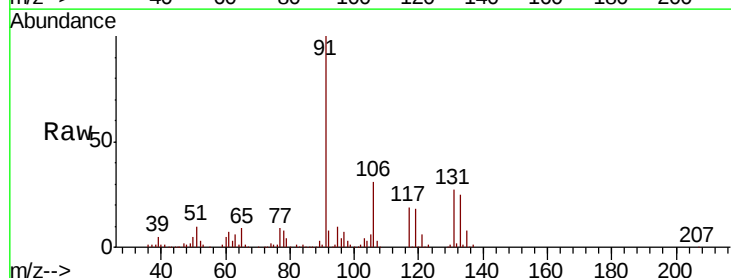
Instrument :
MSVOA_N
ClientSampled :

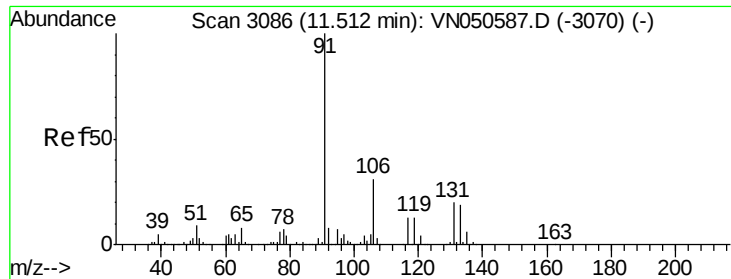
Tot Ion:112 Resp: 328397
Ion Ratio Lower Upper
112 100
114 32.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.48 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:131 Resp: 132015
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 66.5 33.1 99.3





#67

Ethyl Benzene

Concen: 17.57 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

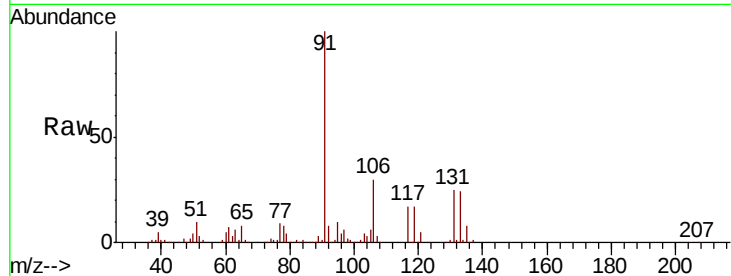
ClientSampled :

Tot Ion: 91 Resp: 487628

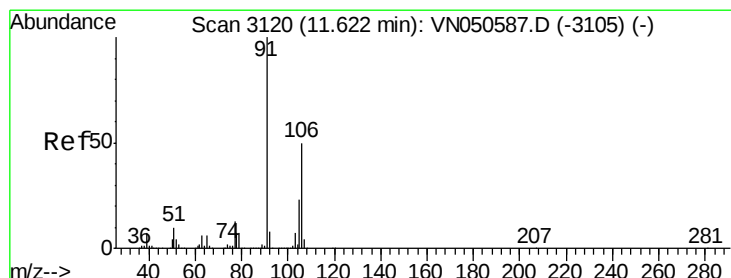
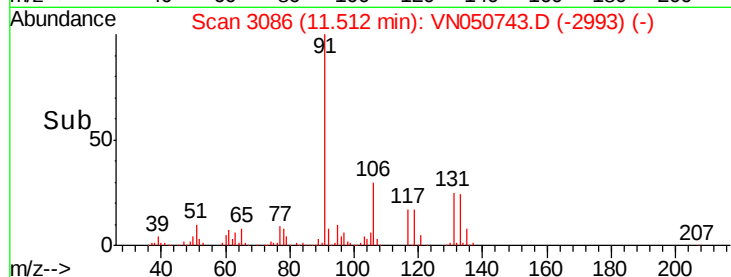
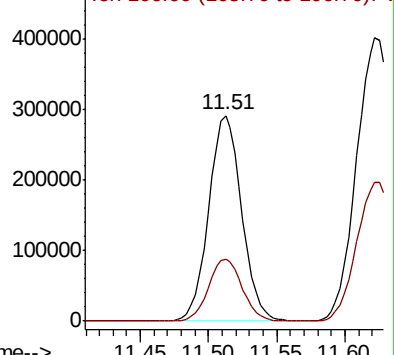
Ion Ratio Lower Upper

91 100

106 30.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3070) (-)



#68

m/p-Xylenes

Concen: 35.88 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050743.D

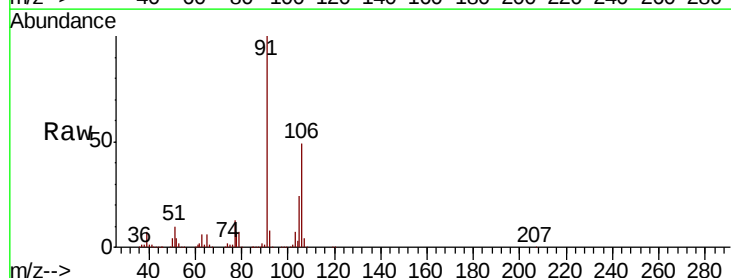
Acq: 18 Aug 2018 1:41

Tgt Ion: 106 Resp: 380914

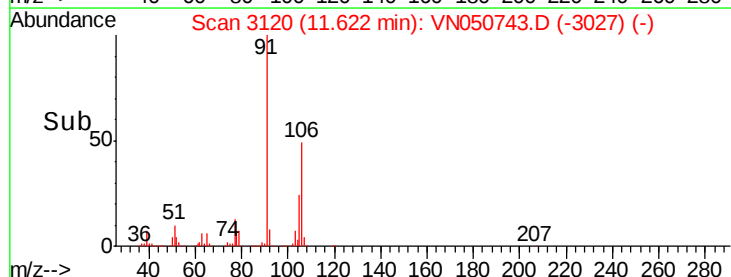
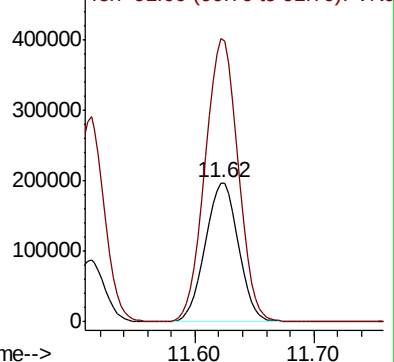
Ion Ratio Lower Upper

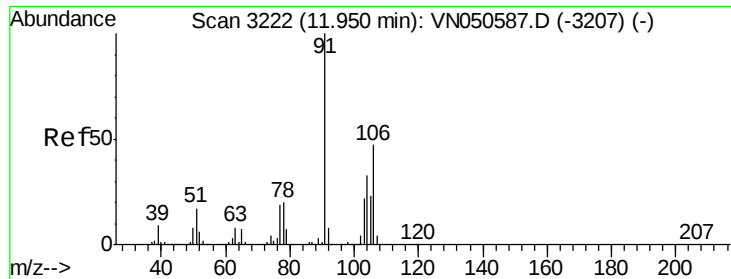
106 100

91 202.9 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VN050587.D (-3105) (-)

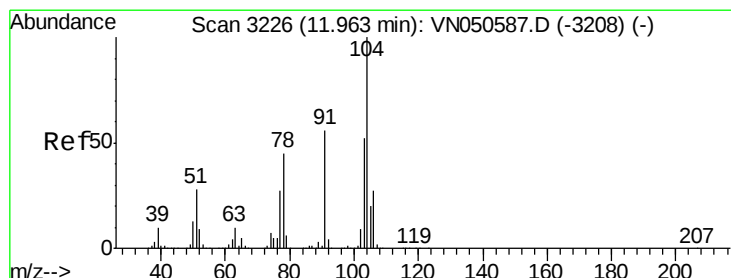
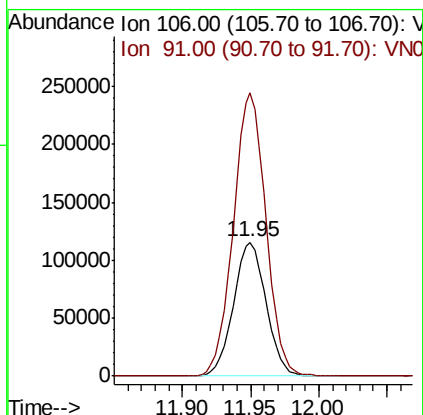
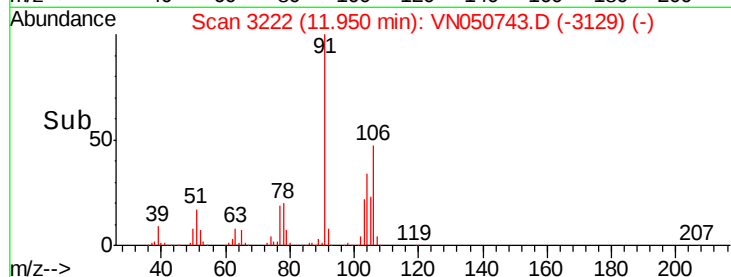
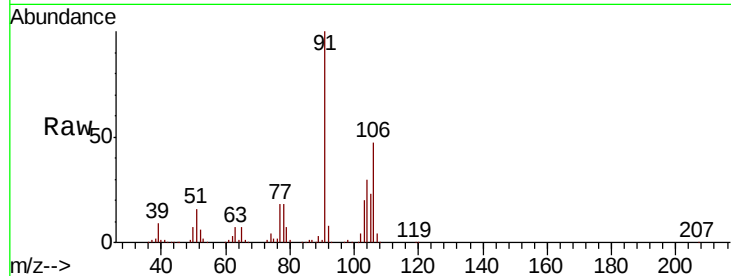




#69
o-Xylene
Concen: 18.86 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

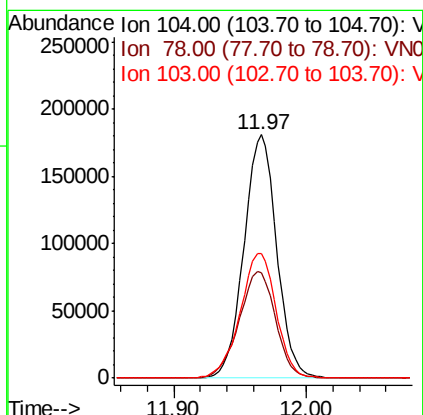
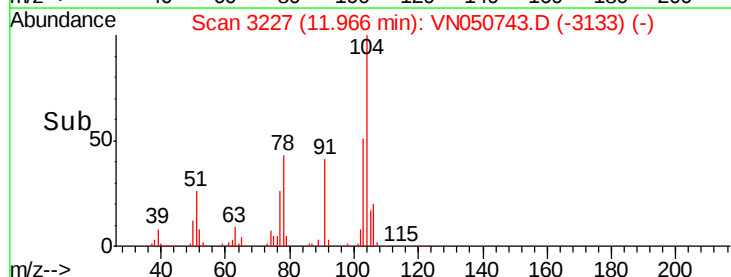
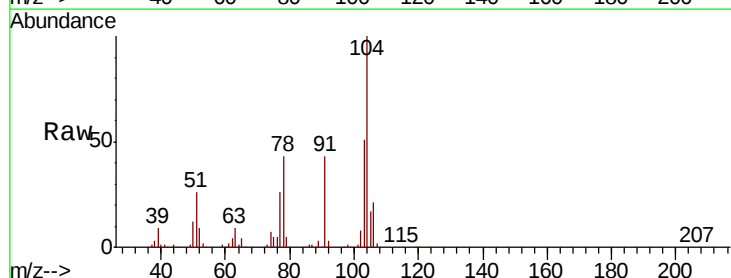
Instrument :
MSVOA_N
ClientSampled :

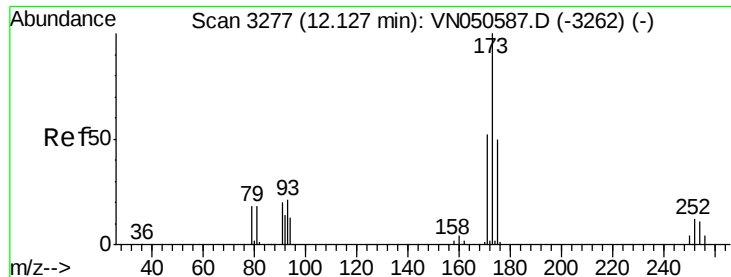
Tot Ion:106 Resp: 190901
Ion Ratio Lower Upper
106 100
91 211.9 106.8 320.4



#70
Styrene
Concen: 17.89 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:104 Resp: 310984
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 56.4 44.9 67.3

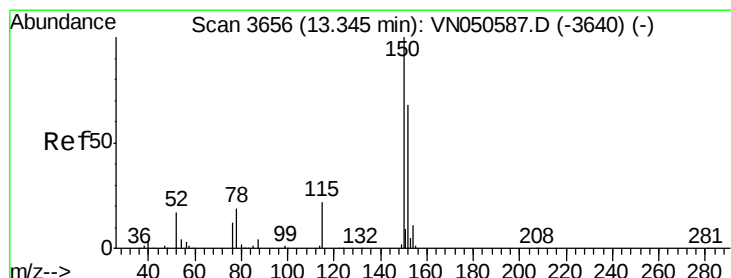
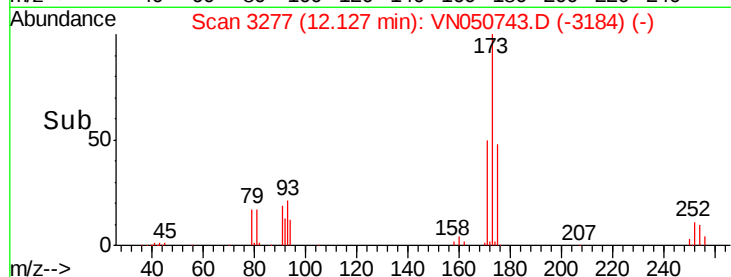
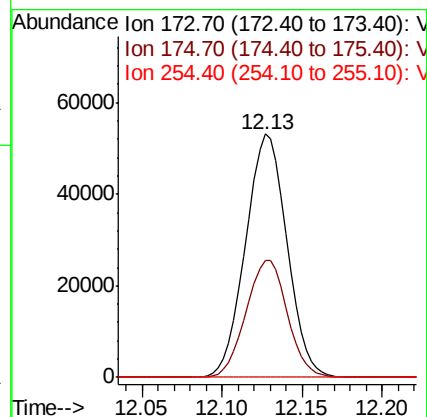
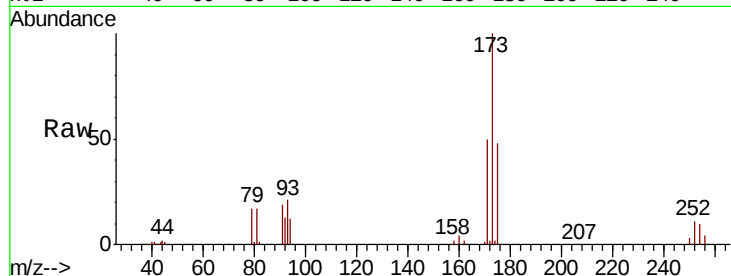




#71
Bromoform
Concen: 21.94 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

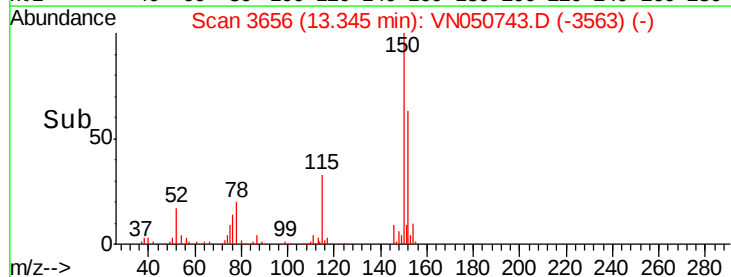
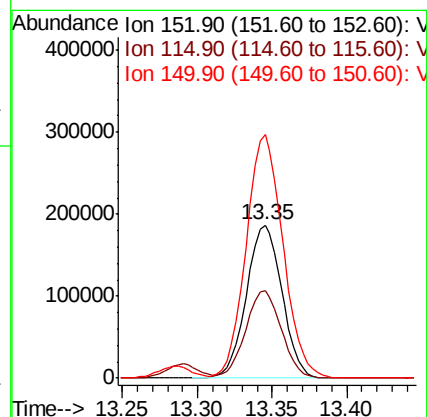
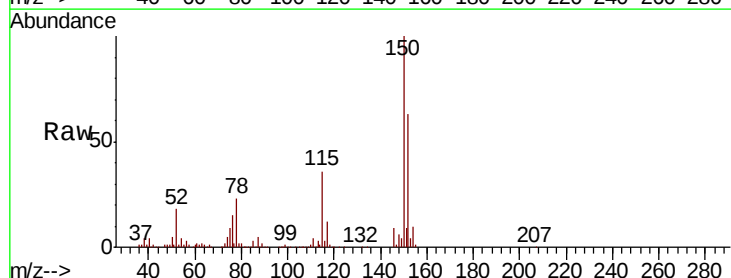
Instrument :
MSVOA_N
ClientSampleId :

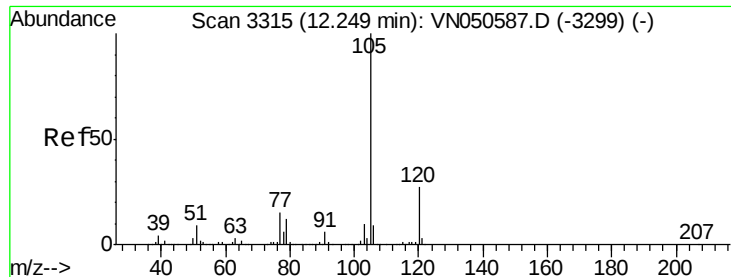
Tot Ion:173 Resp: 93768
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.2
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:152 Resp: 309257
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.2
150 165.0 0.0 347.8





#73

Isopropylbenzene

Concen: 18.65 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

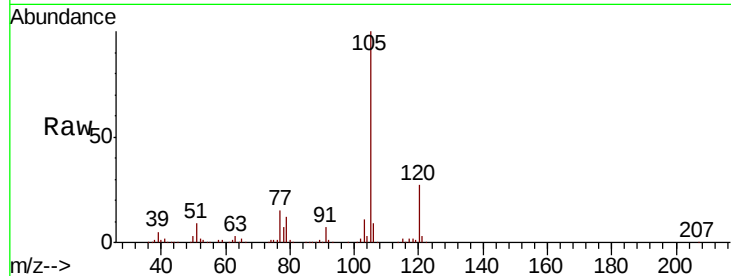
ClientSampleId :

Tot Ion:105 Resp: 450706

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

300000

250000

200000

150000

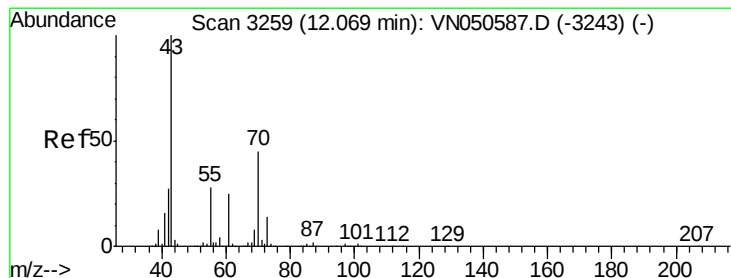
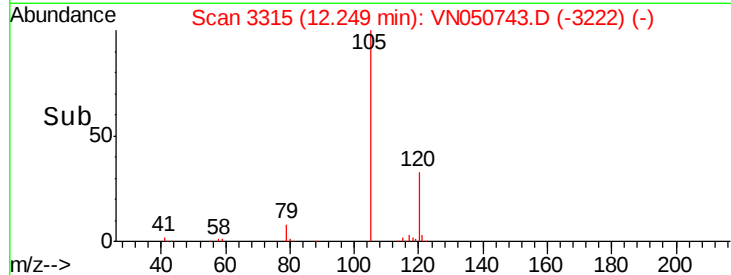
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 23.58 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Tgt Ion: 43 Resp: 148232

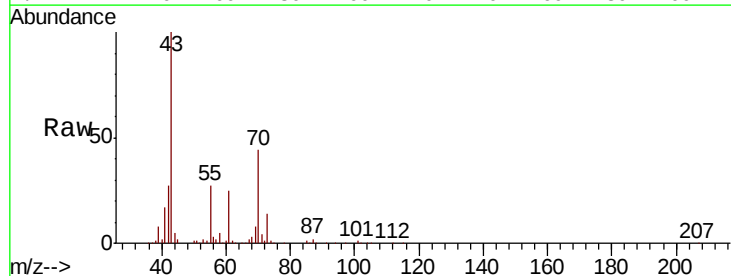
Ion Ratio Lower Upper

43 100

70 43.8 35.9 53.9

55 28.0 22.2 33.4

61 24.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

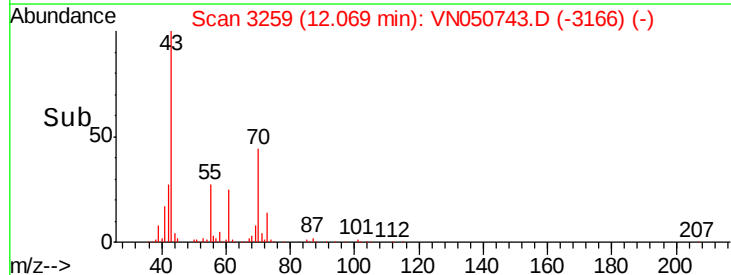
100000

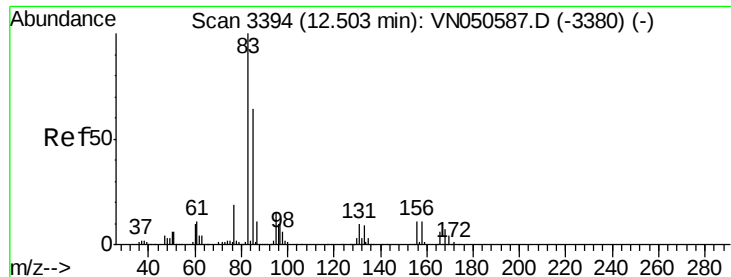
50000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 27.23 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampled :

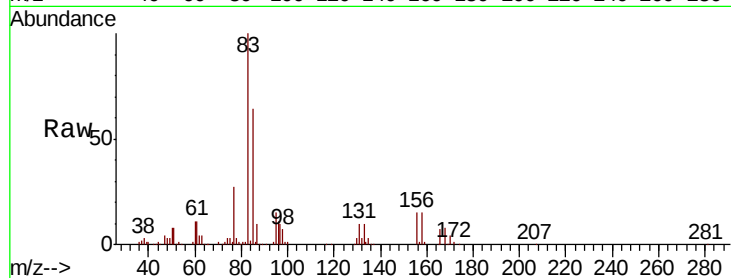
Tot Ion: 83 Resp: 158694

Ion Ratio Lower Upper

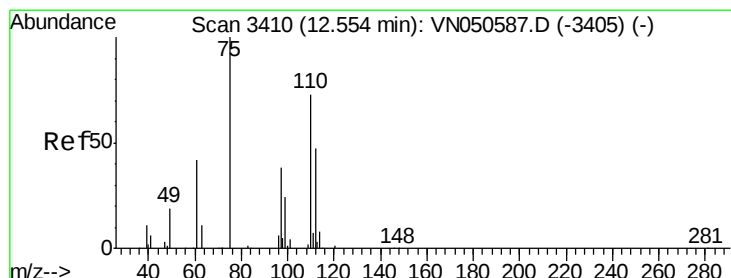
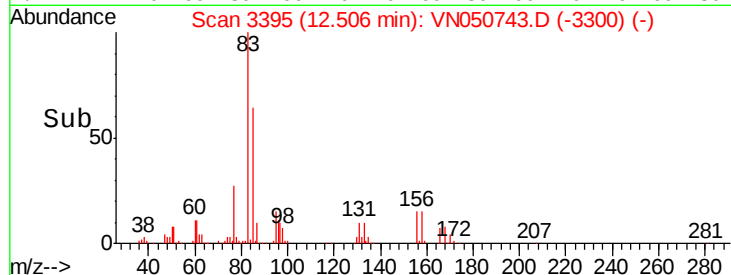
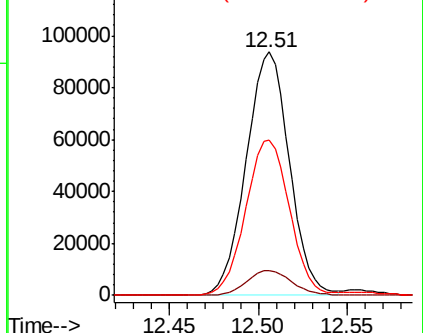
83 100

131 10.8 5.3 15.9

85 64.6 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 34.65 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050743.D

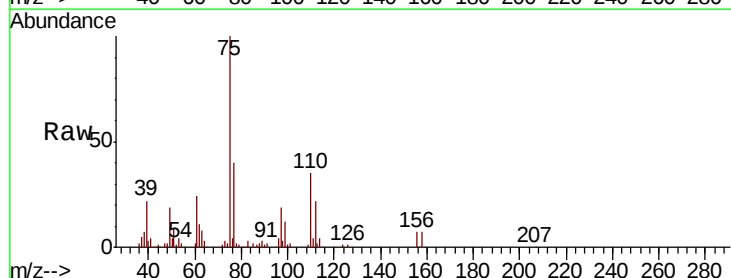
Acq: 18 Aug 2018 1:41

Tgt Ion: 75 Resp: 174722

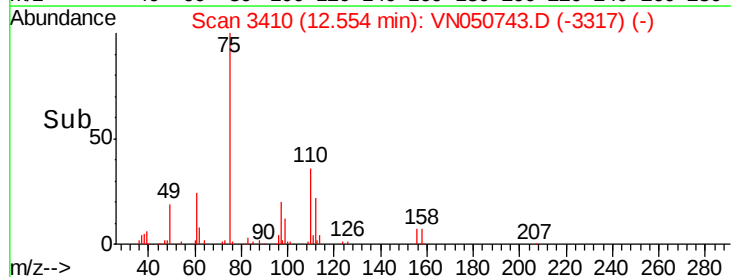
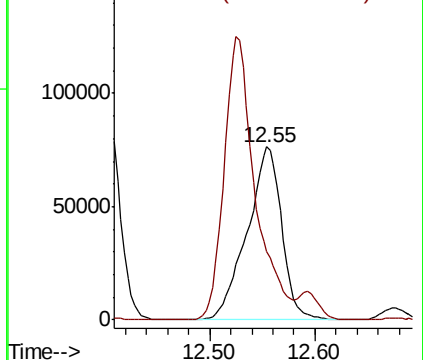
Ion Ratio Lower Upper

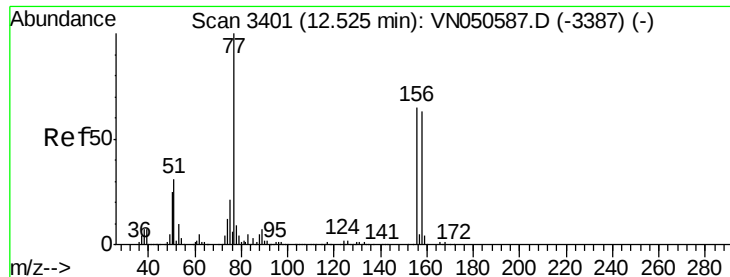
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 21.06 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

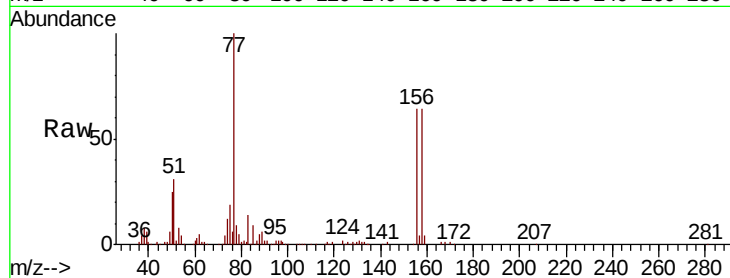
Tot Ion:156 Resp: 138124

Ion Ratio Lower Upper

156 100

77 184.6 89.0 267.1

158 98.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

150000

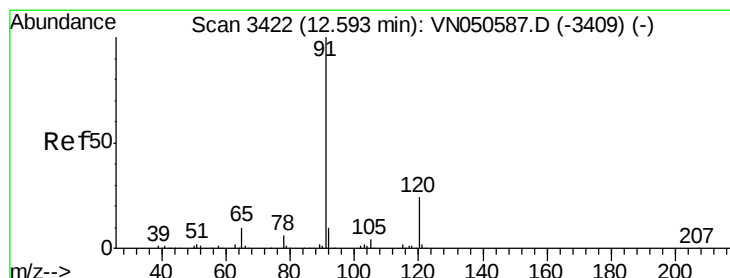
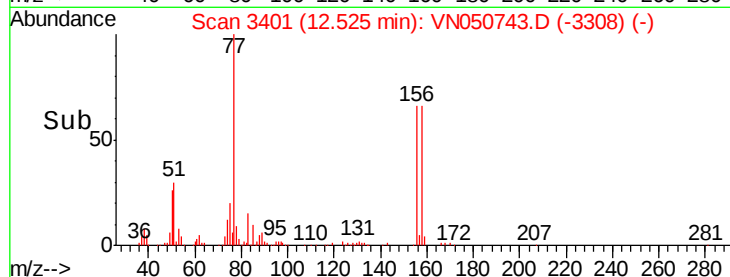
100000

50000

0

12.45 12.50 12.55 12.60

Time-->



#78

n-propylbenzene

Concen: 18.21 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050743.D

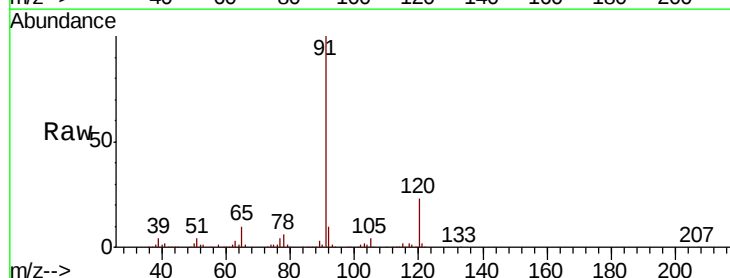
Acq: 18 Aug 2018 1:41

Tgt Ion: 91 Resp: 490647

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

300000

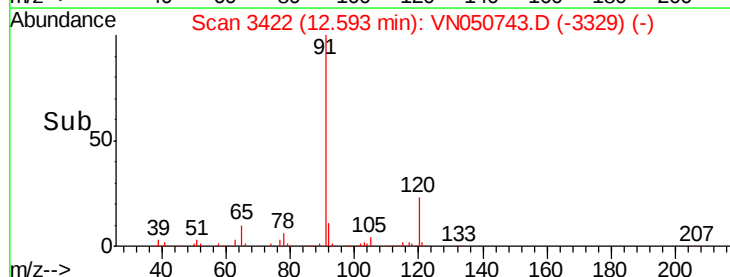
200000

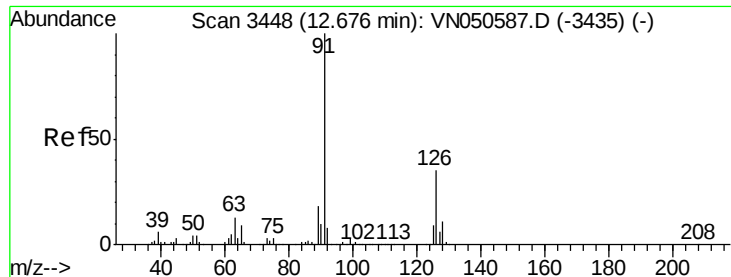
100000

0

12.55 12.60 12.65

Time-->





#79

2-Chlorotoluene

Concen: 20.05 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

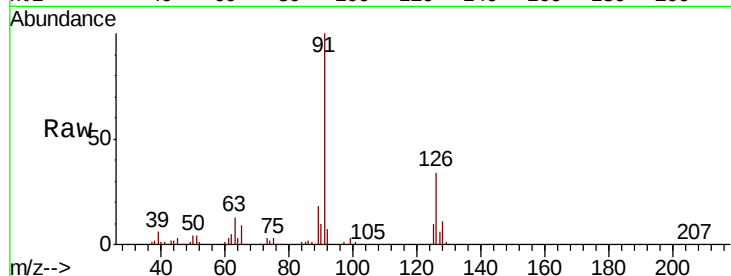
ClientSampled :

Tot Ion: 91 Resp: 336835

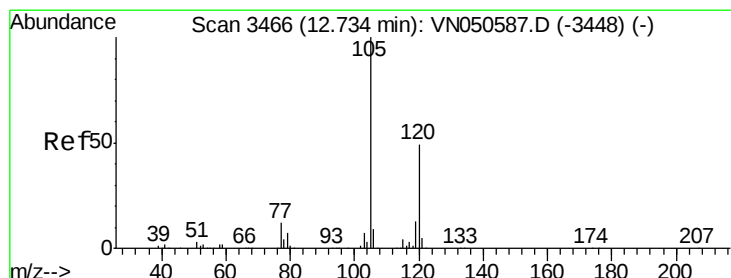
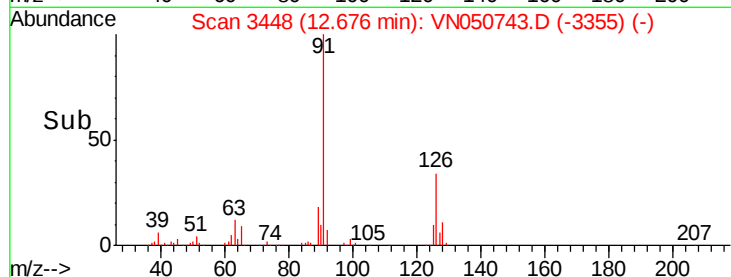
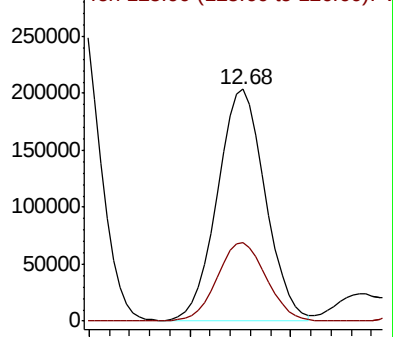
Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.35 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050743.D

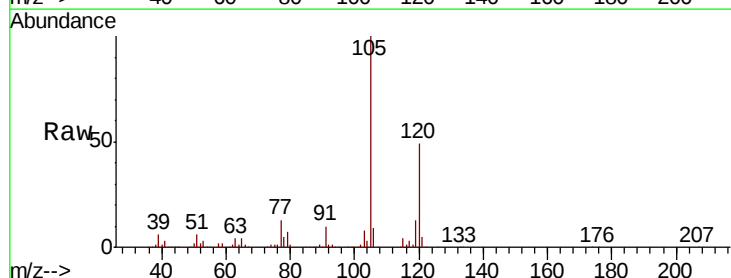
Acq: 18 Aug 2018 1:41

Tgt Ion: 105 Resp: 374333

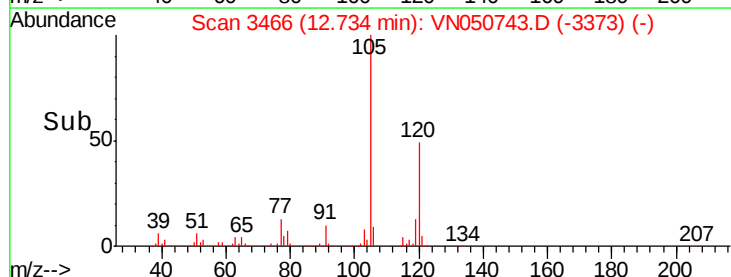
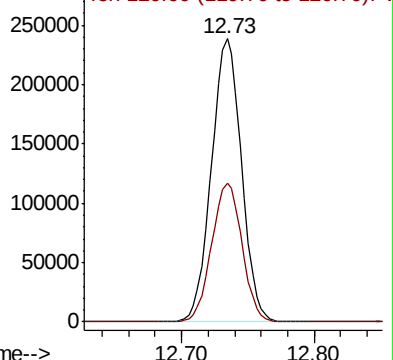
Ion Ratio Lower Upper

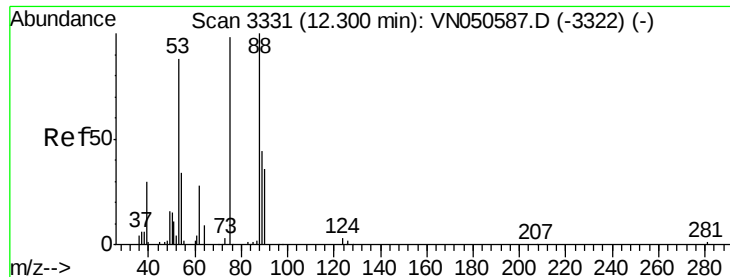
105 100

120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN050587.D (-3448) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.87 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

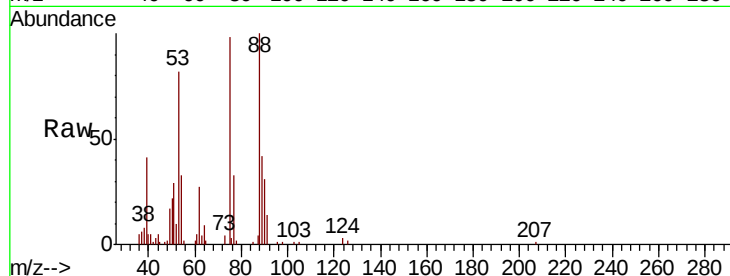
Tot Ion: 75 Resp: 30423

Ion Ratio Lower Upper

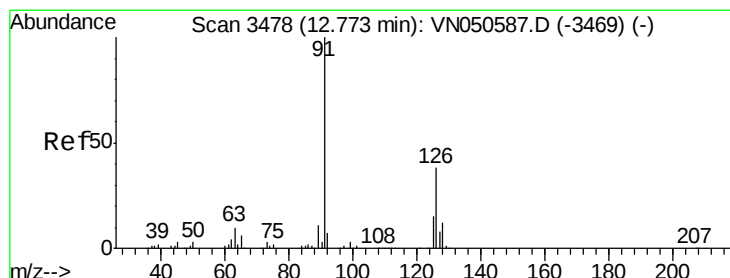
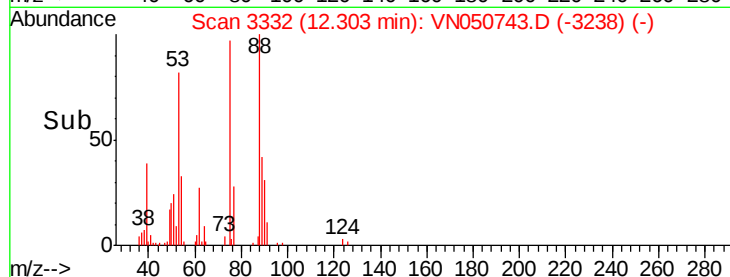
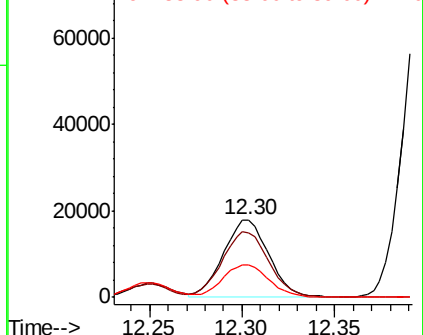
75 100

53 88.0 72.2 108.2

89 42.8 36.3 54.5



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



#82

4-Chlorotoluene

Concen: 19.76 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050743.D

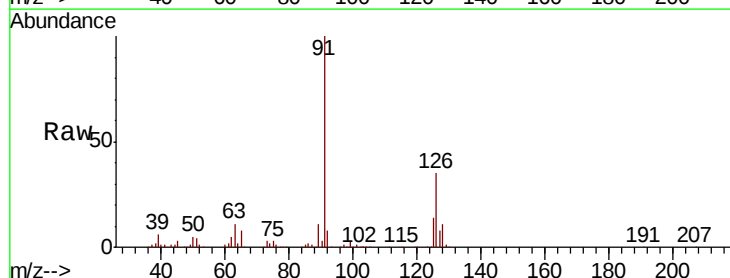
Acq: 18 Aug 2018 1:41

Tgt Ion: 91 Resp: 328027

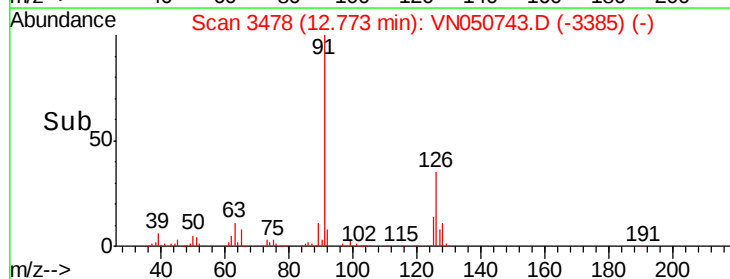
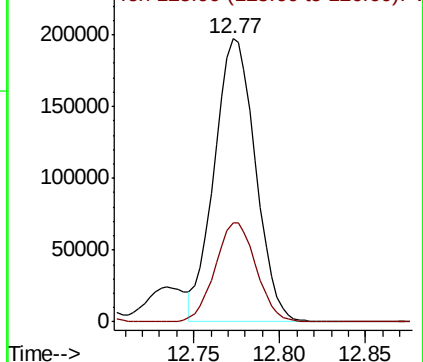
Ion Ratio Lower Upper

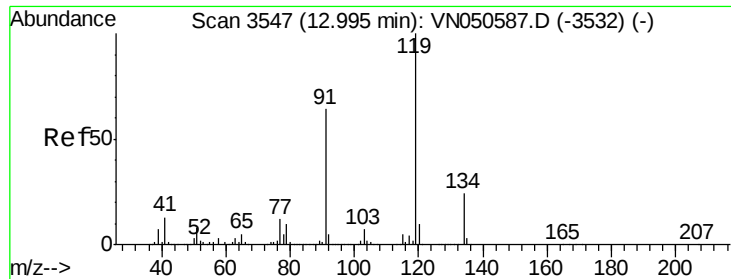
91 100

126 34.9 17.3 52.0



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

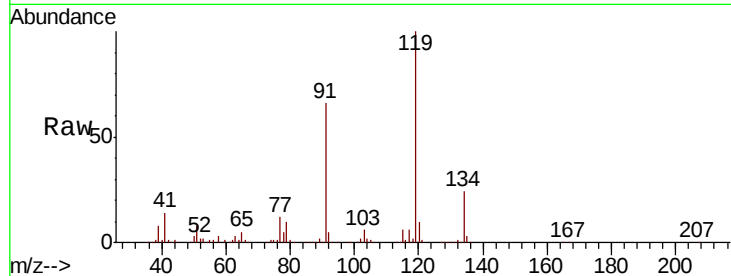




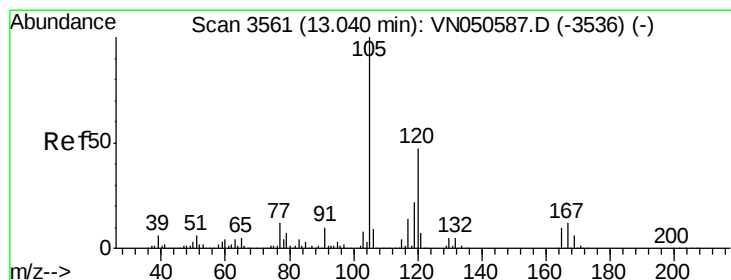
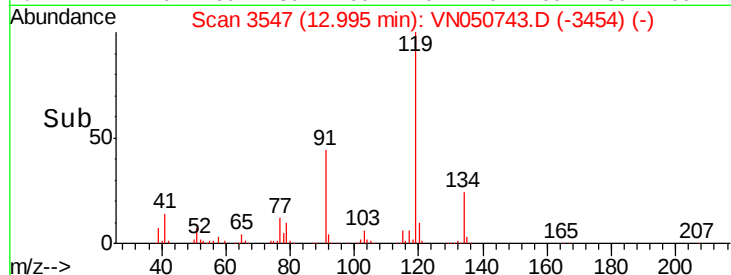
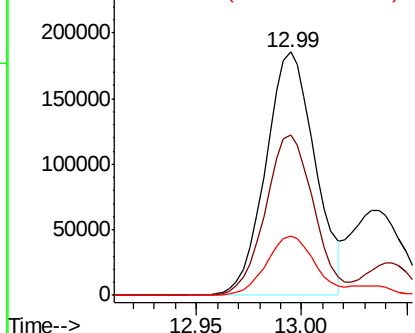
#83
tert-Butylbenzene
Concen: 17.95 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 301499
Ion Ratio Lower Upper
119 100
91 64.5 32.2 96.6
134 24.1 13.4 40.2

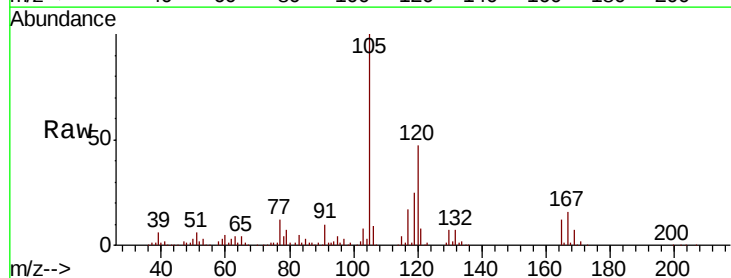


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

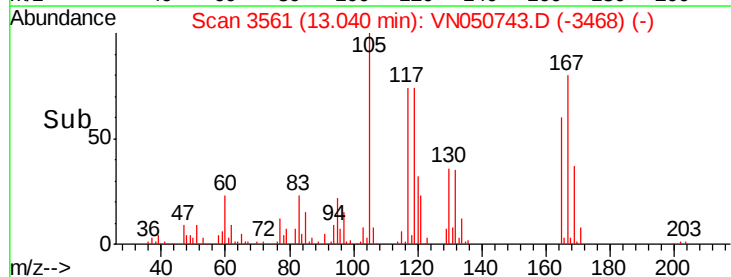
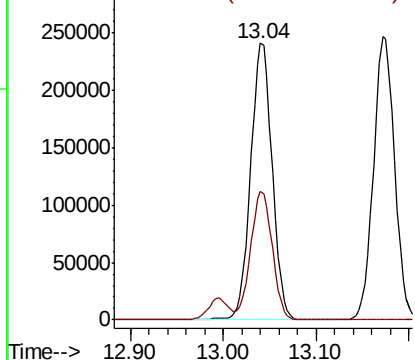


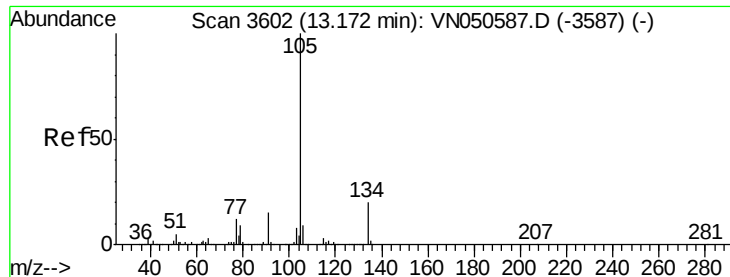
#84
1,2,4-Trimethylbenzene
Concen: 19.98 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:105 Resp: 387917
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 17.65 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

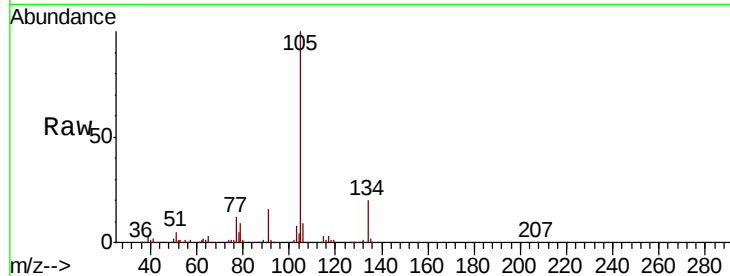
ClientSampled :

Tot Ion:105 Resp: 387422

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

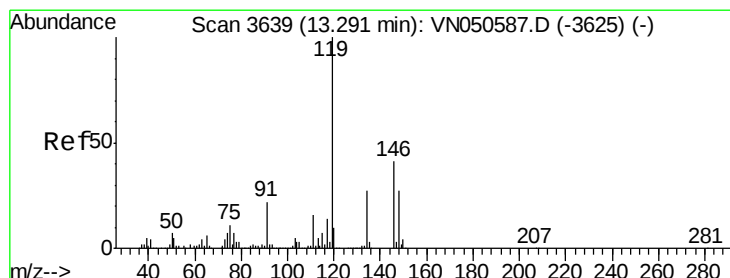
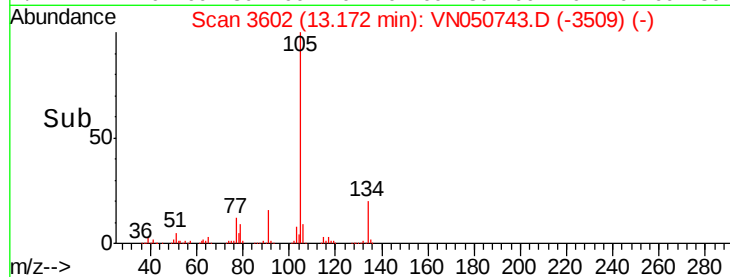
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 17.80 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

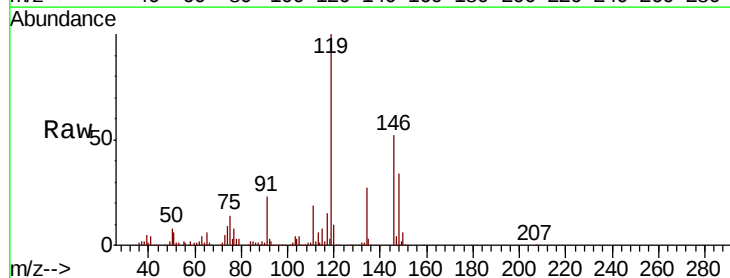
Tgt Ion:119 Resp: 330998

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.2 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

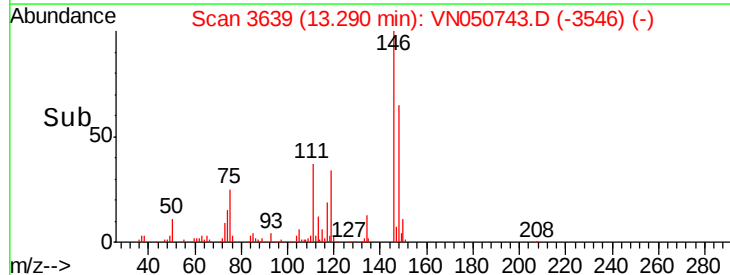
100000

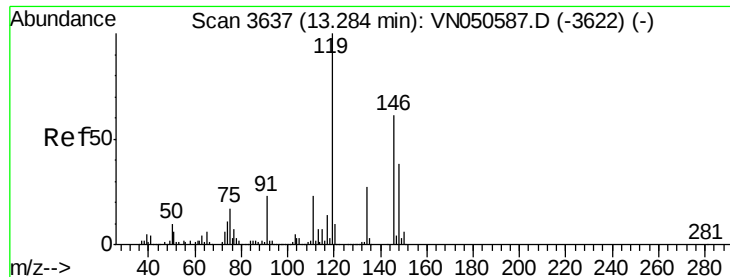
50000

0

13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.32 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

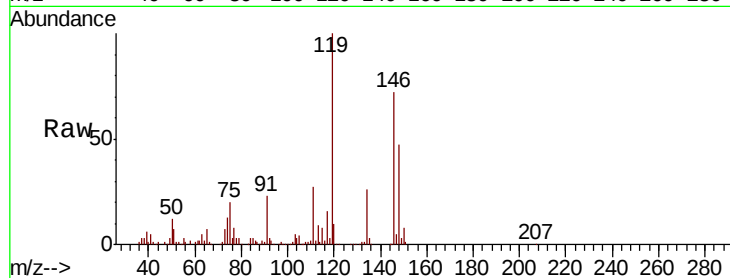
Tot Ion:146 Resp: 215719

Ion Ratio Lower Upper

146 100

111 38.6 19.2 57.6

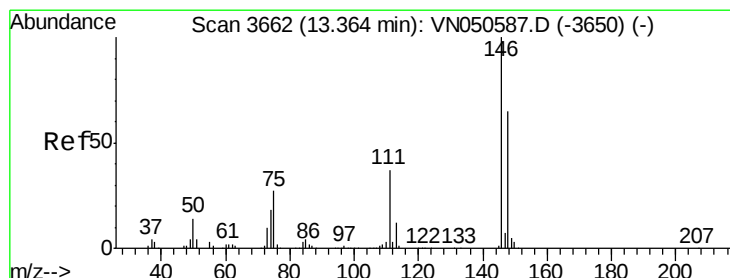
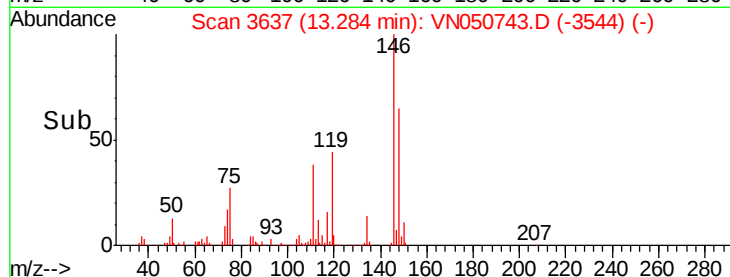
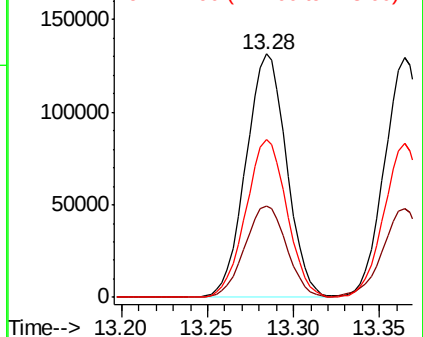
148 65.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.15 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

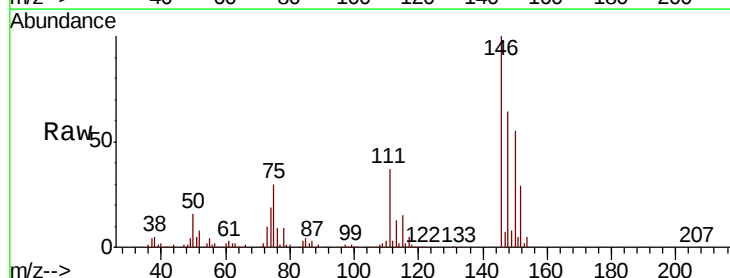
Tgt Ion:146 Resp: 212229

Ion Ratio Lower Upper

146 100

111 37.9 18.8 56.4

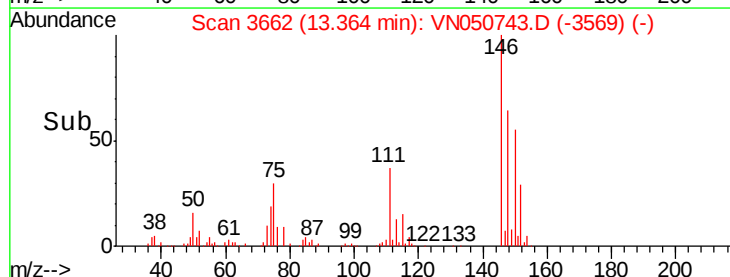
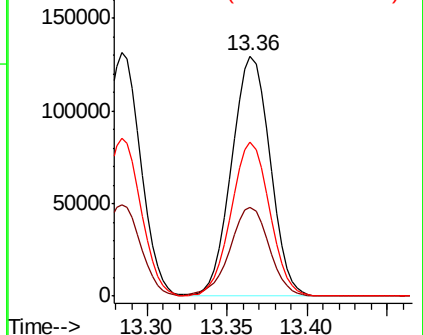
148 64.2 32.3 96.8

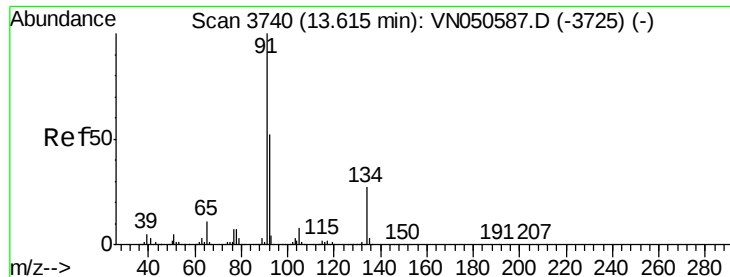


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 15.70 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

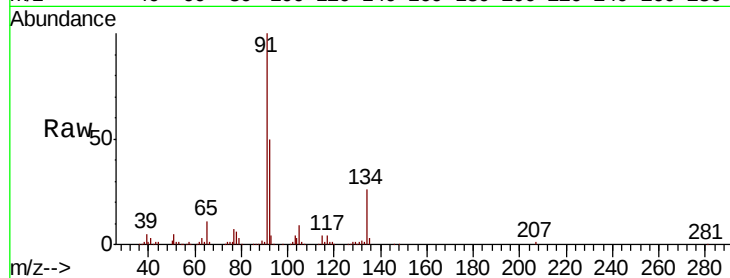
Tot Ion: 91 Resp: 235810

Ion Ratio Lower Upper

91 100

92 50.3 26.3 78.8

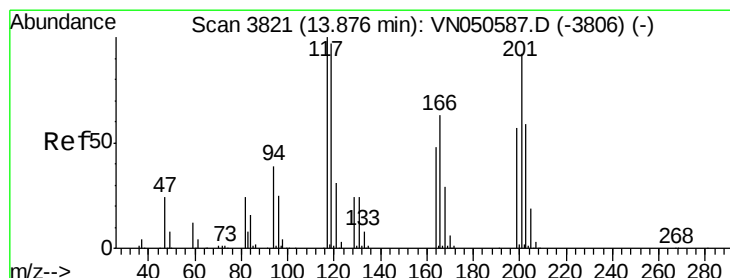
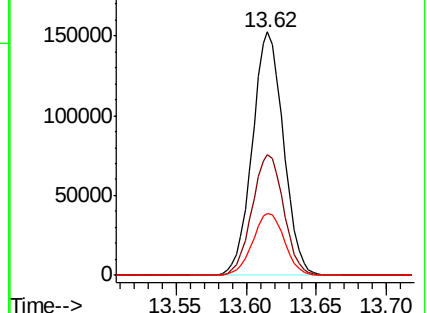
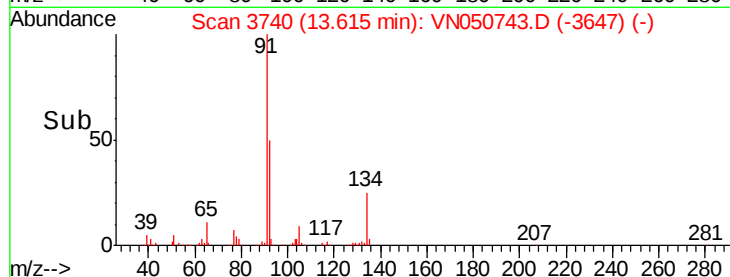
134 26.0 13.3 39.9



Abundance Ion 91.00 (90.70 to 91.70): VN050743.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN050743.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN050743.D (-3647) (-)



#90

Hexachloroethane

Concen: 17.36 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN050743.D

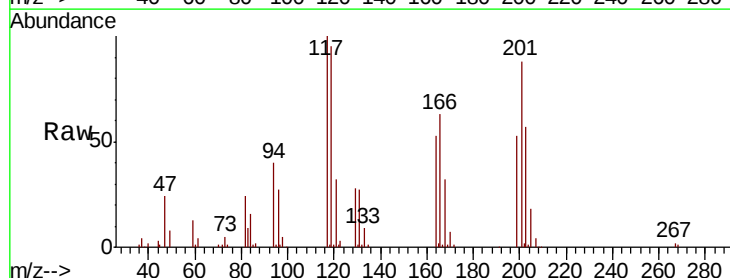
Acq: 18 Aug 2018 1:41

Tgt Ion: 117 Resp: 64914

Ion Ratio Lower Upper

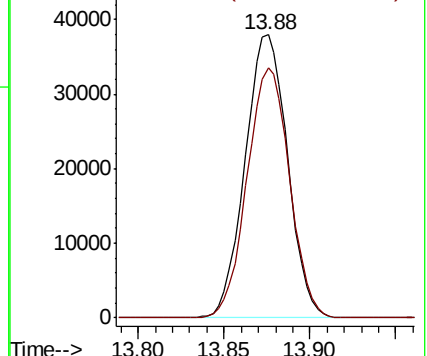
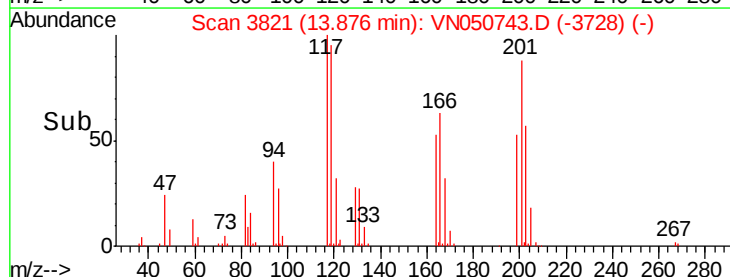
117 100

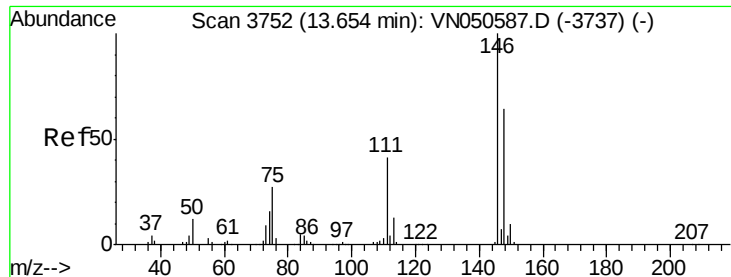
201 88.2 45.5 136.5



Abundance Ion 116.80 (116.50 to 117.50): VN050743.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN050743.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 20.53 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

Instrument :

MSVOA_N

ClientSampleId :

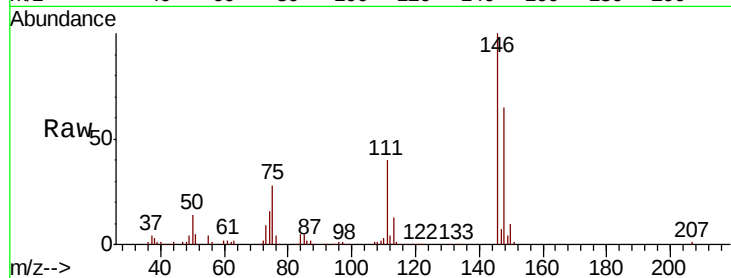
Tot Ion:146 Resp: 223707

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

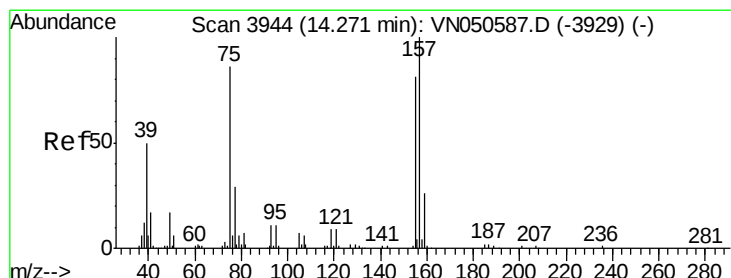
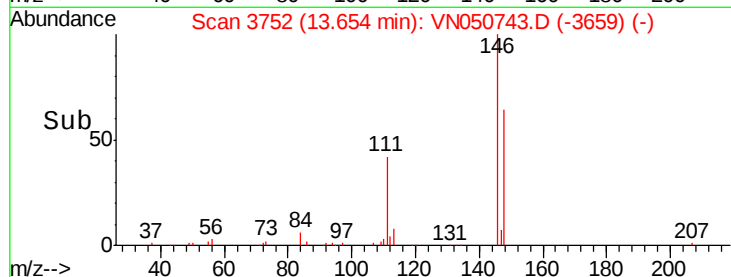
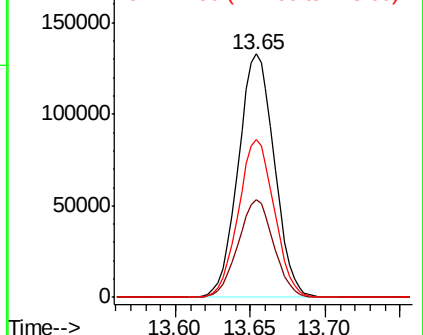
148 64.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.72 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN050743.D

Acq: 18 Aug 2018 1:41

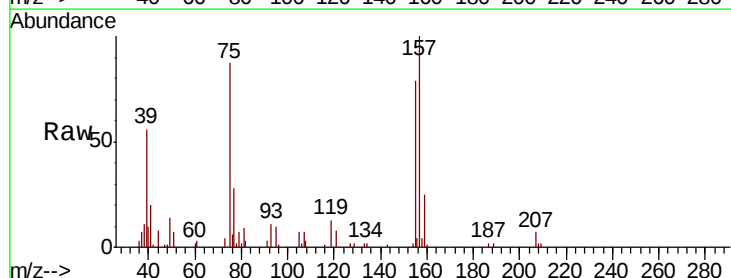
Tgt Ion: 75 Resp: 21314

Ion Ratio Lower Upper

75 100

155 89.4 46.6 139.8

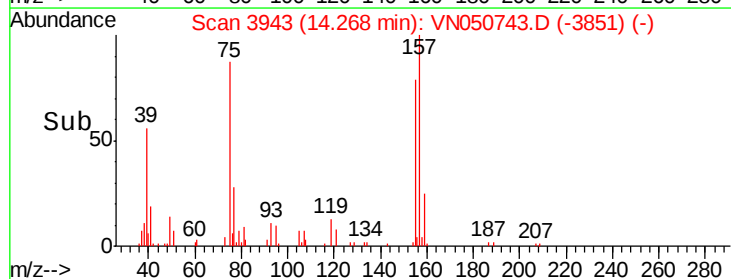
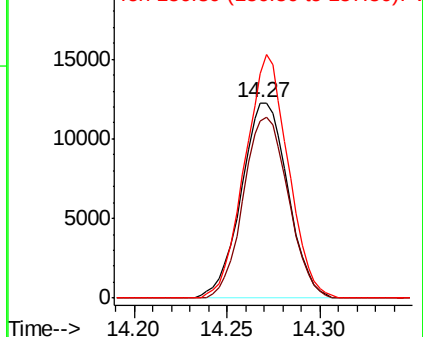
157 116.2 58.1 174.2

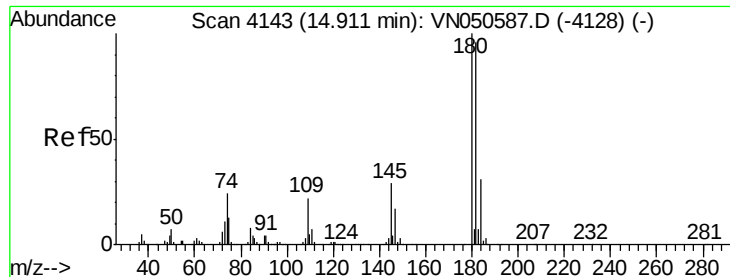


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

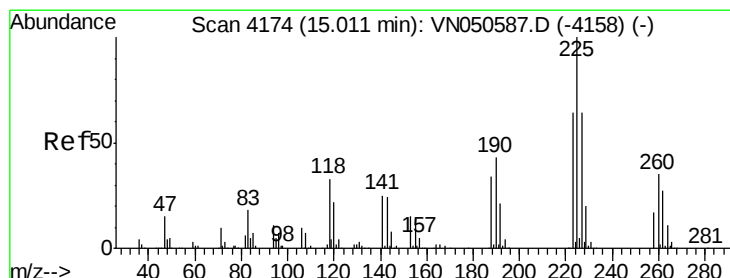
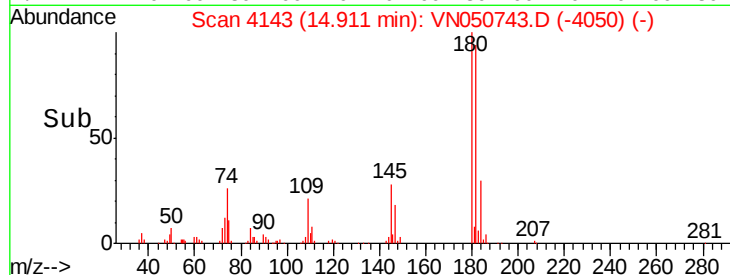
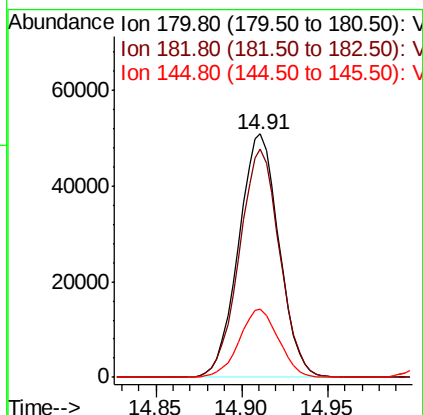
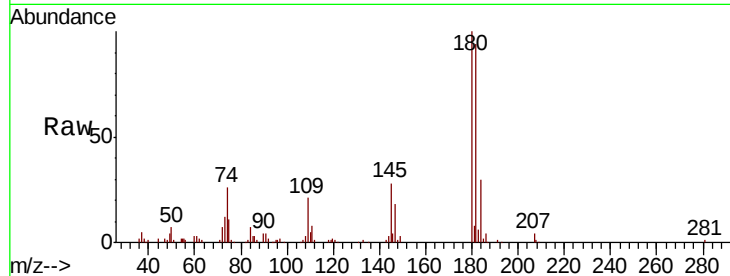




#93
 1,2,4-Trichlorobenzene
 Concen: 16.75 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

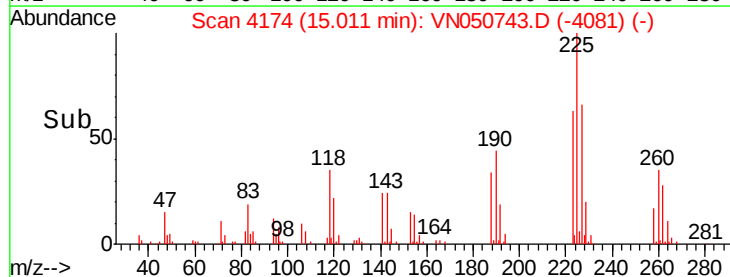
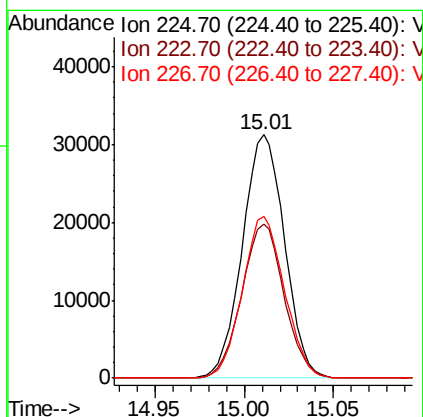
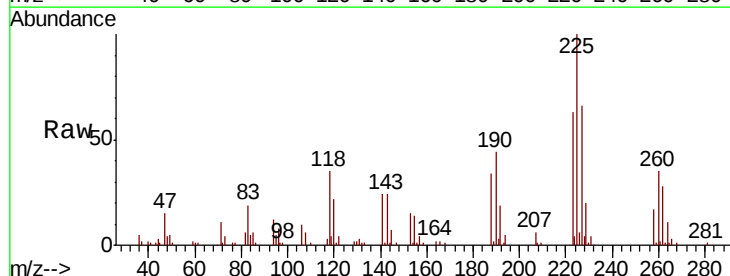
Instrument :
 MSVOA_N
 ClientSampleId :

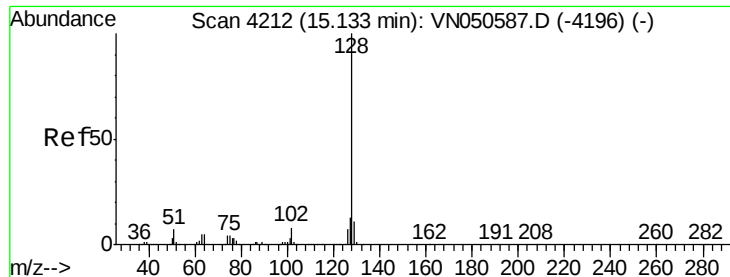
Tot Ion:180 Resp: 83161
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.7
 145 27.2 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 15.50 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050743.D
 Acq: 18 Aug 2018 1:41

Tgt Ion:225 Resp: 51762
 Ion Ratio Lower Upper
 225 100
 223 63.5 32.1 96.3
 227 66.1 32.0 96.2

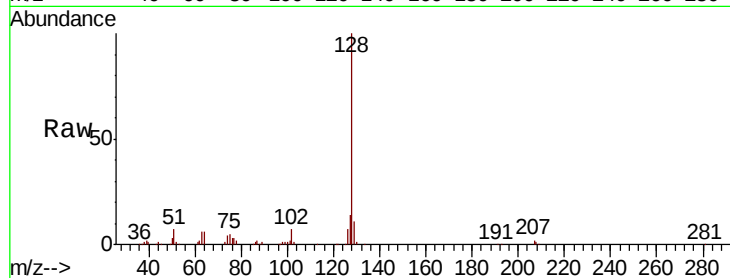




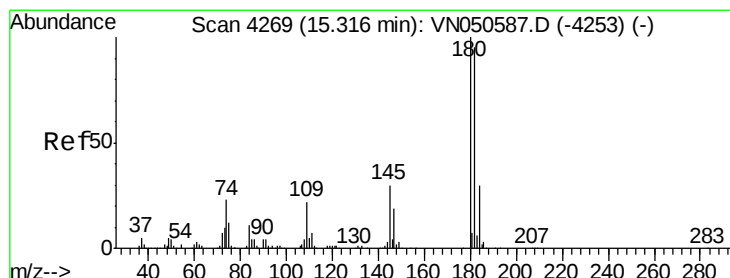
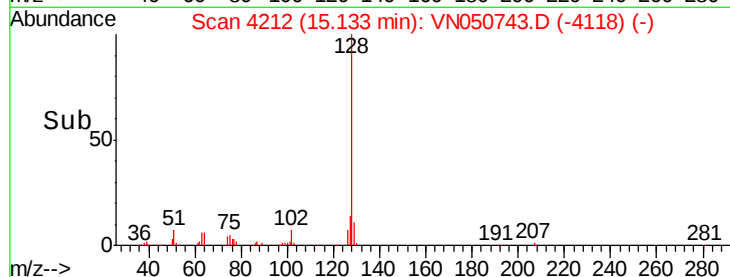
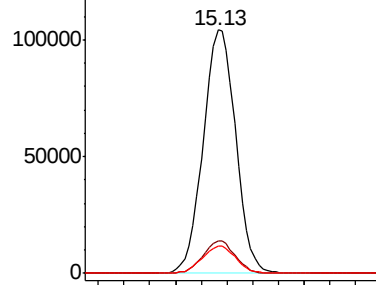
#95
Naphthalene
Concen: 18.02 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 182481
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.5 8.5 12.7

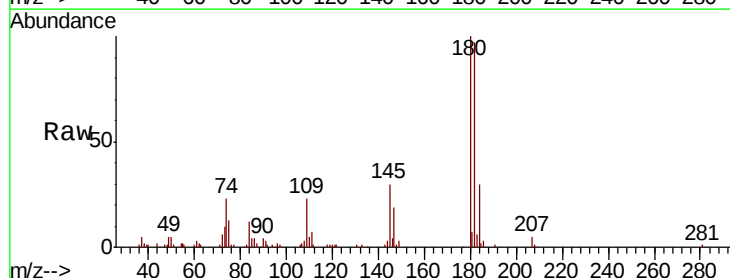


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.27 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050743.D
Acq: 18 Aug 2018 1:41

Tgt Ion:180 Resp: 88747
Ion Ratio Lower Upper
180 100
182 97.8 47.3 141.8
145 30.2 14.6 44.0



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

