

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053897.D
 Acq On : 21 Feb 2019 17:24
 Operator : JC/SP
 Sample : K1537-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-2

Quant Time: Feb 22 00:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1060661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	997326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	332821	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	339949	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	10.09	98	1295416	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.40	95	422310	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	4332	0.493	ug/l #	26
16) Acetone	3.82	43	19756	11.229	ug/l	98
18) Methyl Acetate	4.34	43	3468	0.835	ug/l #	78
20) Methylene Chloride	4.55	84	210470	31.952	ug/l	99
25) 2-Butanone	6.84	43	2850	1.255	ug/l	96
29) Tetrahydrofuran	7.20	42	326	0.222	ug/l #	59
30) Chloroform	7.37	83	2686	0.241	ug/l	97
31) Cyclohexane	7.66	56	8820	0.333	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36861	3.791	ug/l #	46
37) Ethyl Acetate	6.95	43	120	0.239	ug/l #	67
38) Carbon Tetrachloride	7.67	117	48142	4.957	ug/l #	17
41) Methacrylonitrile	7.21	41	428	Below Cal	#	100
43) Isopropyl Acetate	8.18	43	30266	2.919	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1684	0.229	ug/l #	44
48) Methyl methacrylate	9.18	41	8438	1.898	ug/l #	12
49) 1,4-Dioxane	9.26	88	31	22.610	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	8320	8.042	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	63988	5.998	ug/l #	64
56) Ethyl methacrylate	10.54	69	1296	2.620	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12038	1.148	ug/l #	43
59) 2-Hexanone	10.76	43	152180	46.774	ug/l #	50
67) Ethyl Benzene	11.51	91	8777	0.260	ug/l	100
68) m/p-Xylenes	11.62	106	13628	1.042	ug/l	99
69) o-Xylene	11.95	106	5039	0.400	ug/l	97
71) Bromoform	12.40	173	2817	0.521	ug/l #	1
74) N-amyl acetate	11.88	43	15205	2.522	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	193693	35.399	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9710	0.446	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	193693	116.864	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	19282	0.882	ug/l	95
85) sec-Butylbenzene	13.04	105	19282	0.732	ug/l #	56
95) Naphthalene	15.13	128	5016	4.920	ug/l #	92

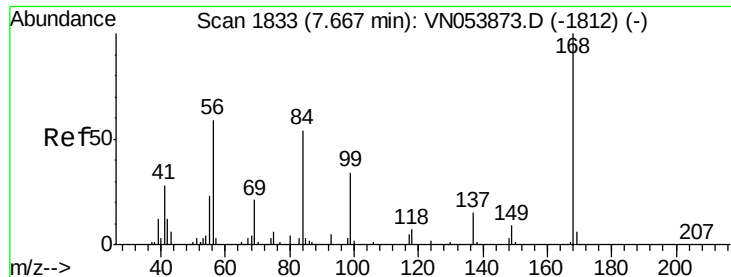
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053897.D
Acq On : 21 Feb 2019 17:24
Operator : JC/SP
Sample : K1537-04
Misc : 5.00mL/MSVOA N/WATER
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MSVOA_N
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DRUM-1-2

Quant Time: Feb 22 00:39:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

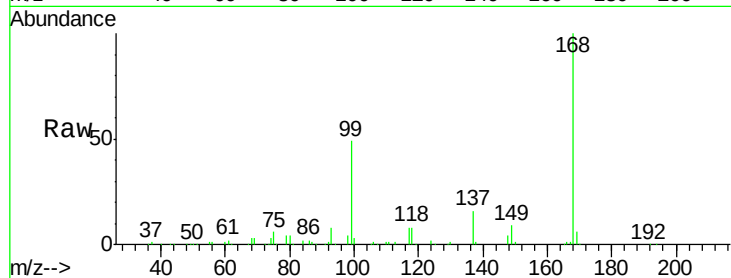
DRUM-1-2

Tot Ion:168 Resp: 625980

Ion Ratio Lower Upper

168 100

99 48.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

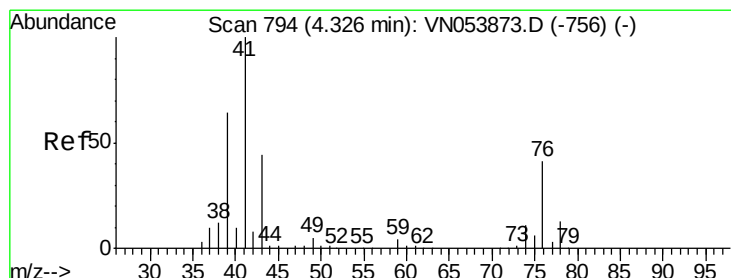
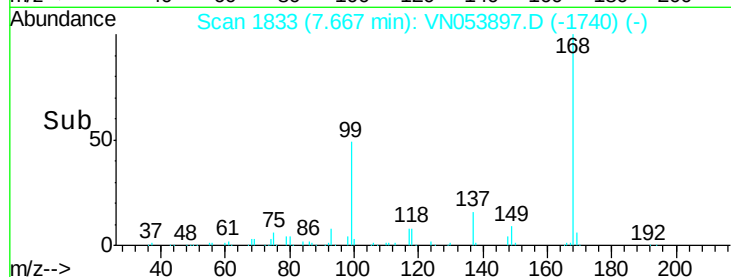
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#14

Allyl chloride

Concen: 0.493 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

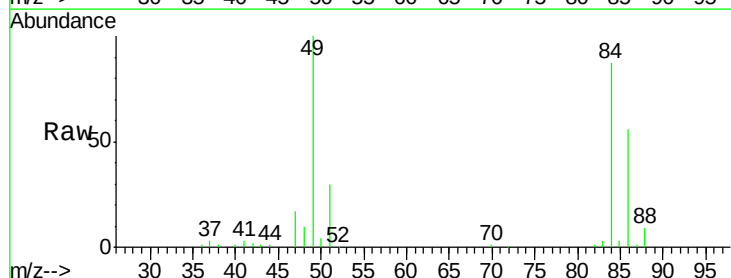
Tgt Ion: 41 Resp: 4332

Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

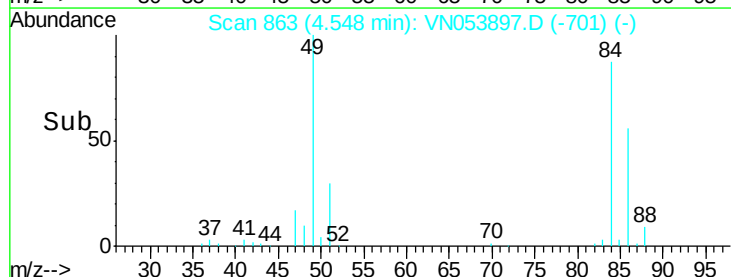
3000

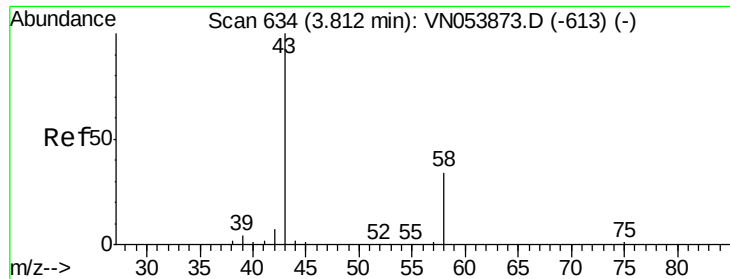
2000

1000

0

Time--> 4.50 4.52 4.54 4.56





#16

Acetone

Concen: 11.229 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

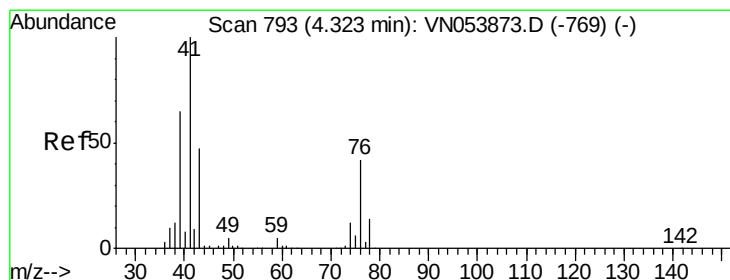
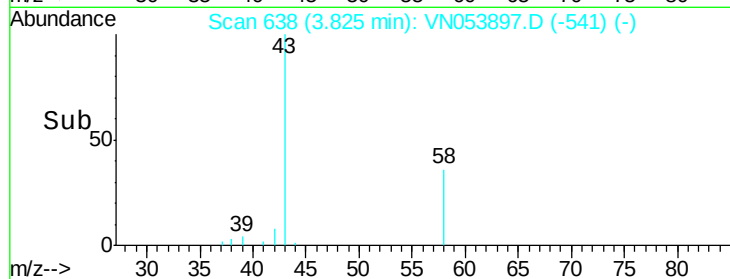
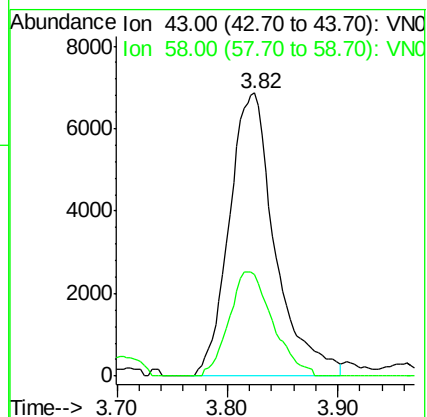
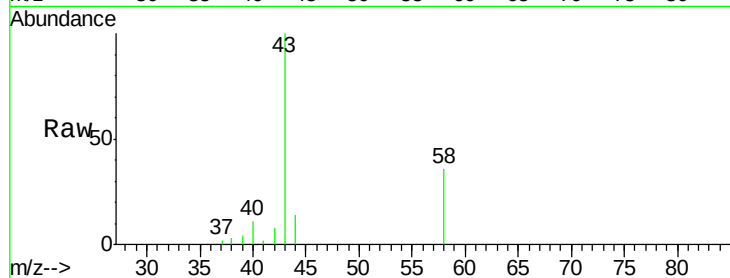
DRUM-1-2

Tot Ion: 43 Resp: 19756

Ion Ratio Lower Upper

43 100

58 35.9 27.6 41.4



#18

Methyl Acetate

Concen: 0.835 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053897.D

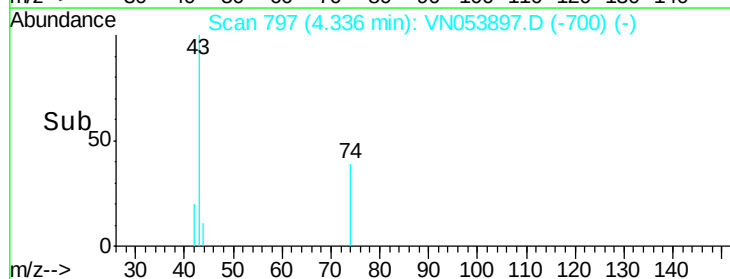
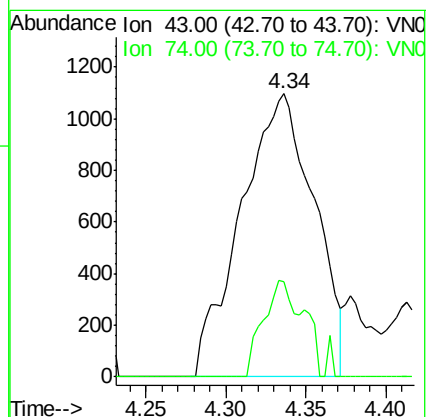
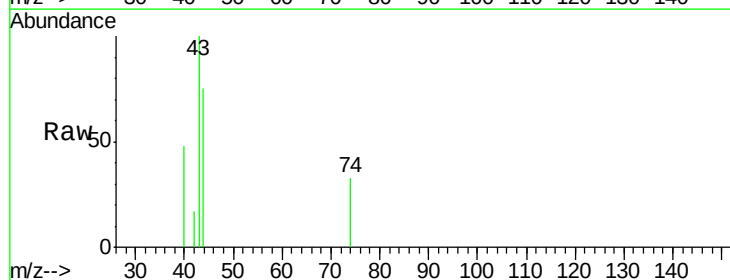
Acq: 21 Feb 2019 17:24

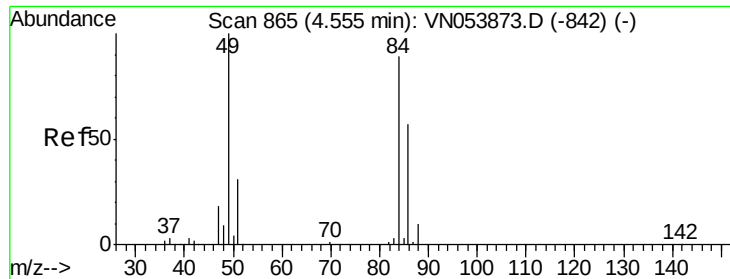
Tgt Ion: 43 Resp: 3468

Ion Ratio Lower Upper

43 100

74 14.7 20.5 30.7#

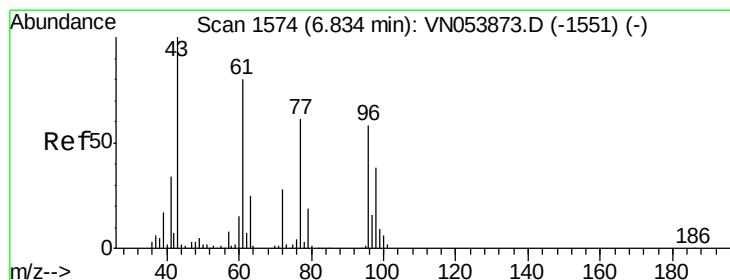
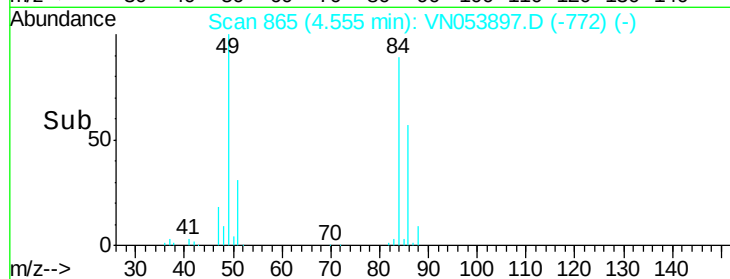
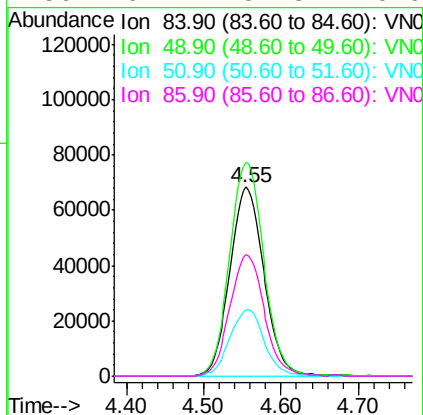
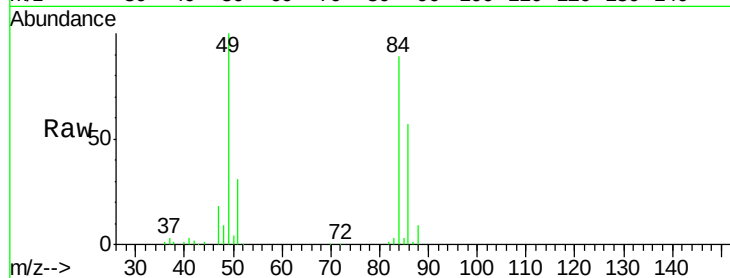




#20
Methvlene Chloride
Concen: 31.952 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

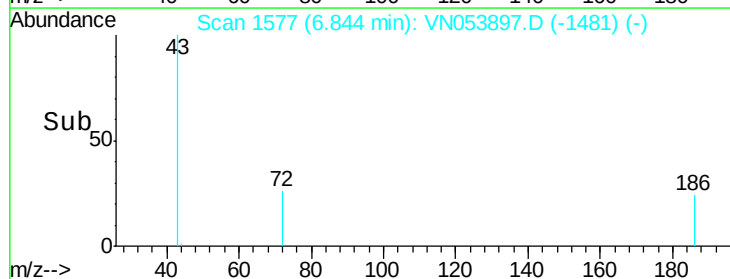
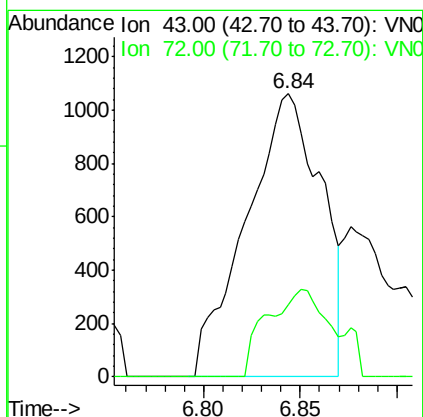
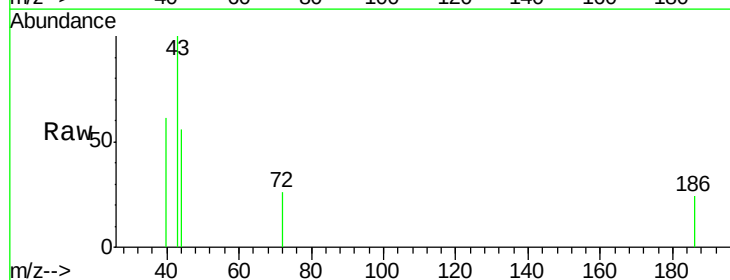
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-2

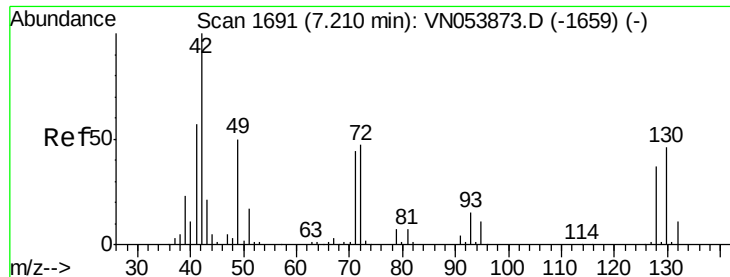
Tot Ion: 84 Resp: 210470
Ion Ratio Lower Upper
84 100
49 113.0 89.7 134.5
51 34.9 27.8 41.8
86 64.7 51.3 76.9



#25
2-Butanone
Concen: 1.255 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
72 25.5 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-2

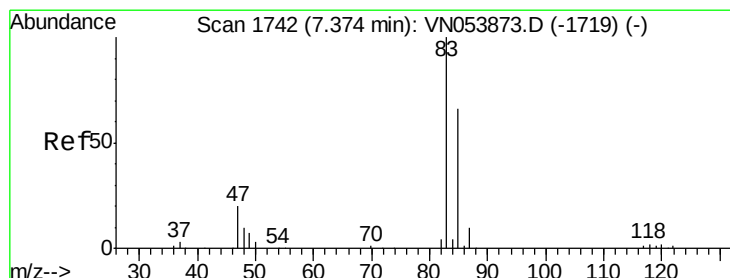
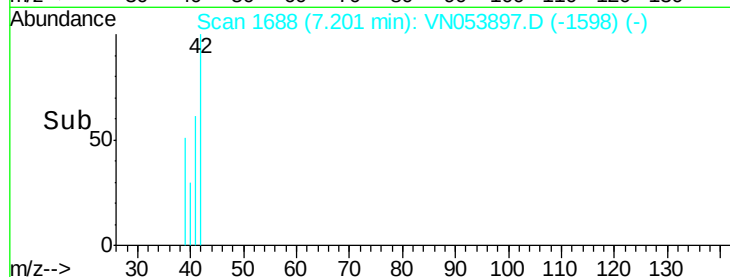
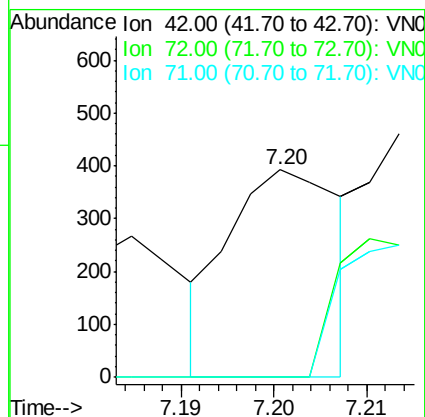
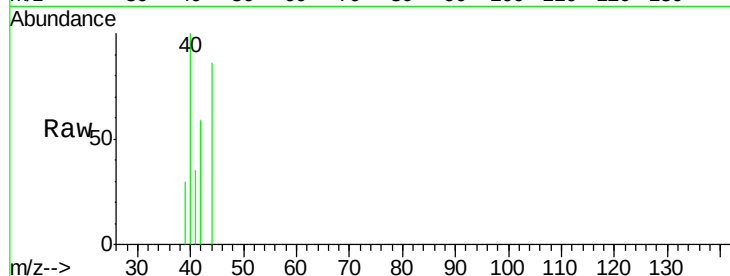
Tot Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

72 57.1 36.9 55.3#

71 0.0 34.6 52.0#



#30

Chloroform

Concen: 0.241 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VN053897.D

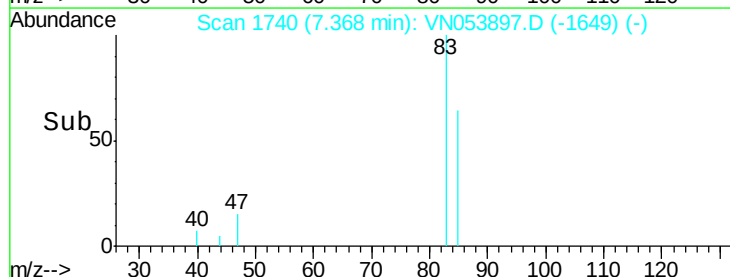
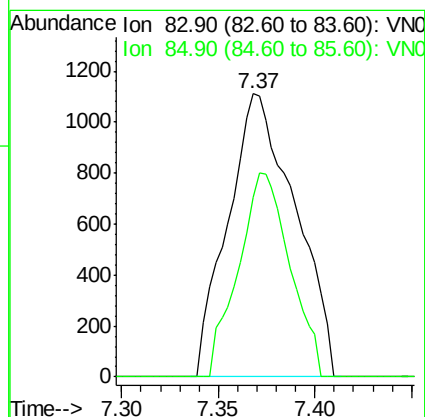
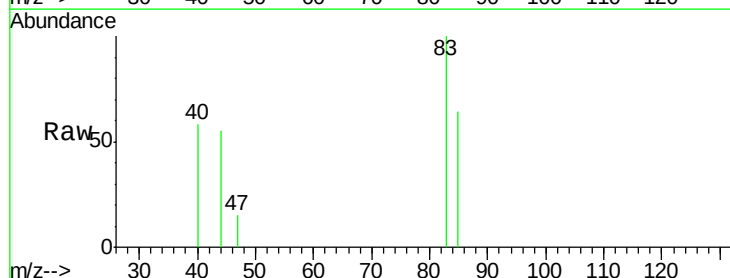
Acq: 21 Feb 2019 17:24

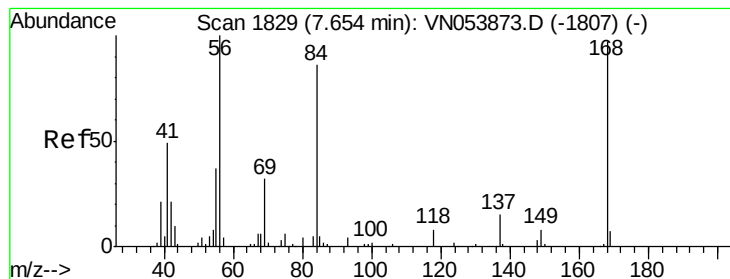
Tgt Ion: 83 Resp: 2686

Ion Ratio Lower Upper

83 100

85 63.6 52.6 78.8





#31

Cyclohexane

Concen: 0.333 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-2

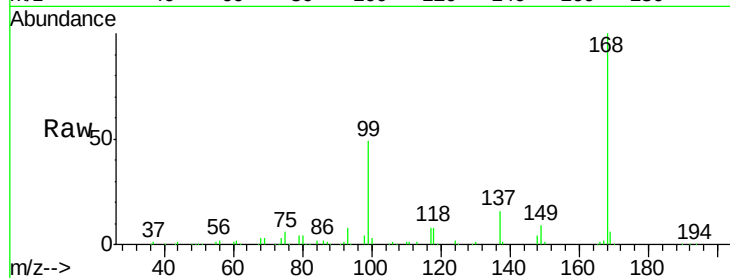
Tot Ion: 56 Resp: 8820

Ion Ratio Lower Upper

56 100

69 189.0 26.0 39.0#

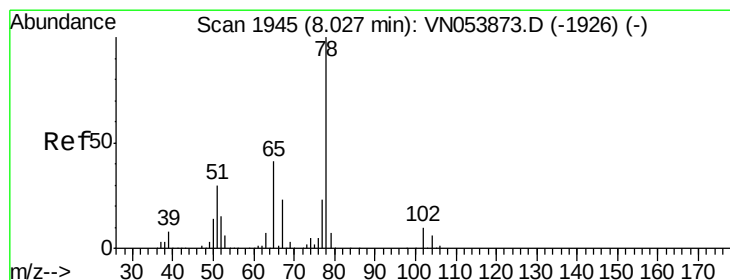
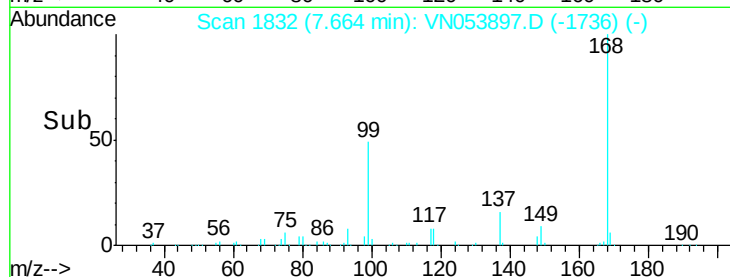
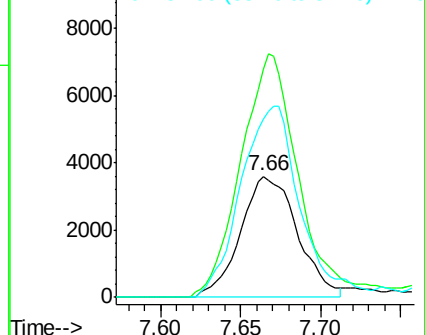
84 148.0 69.1 103.7#



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



#33

1,2-Dichloroethane-d4

Concen: 52.024 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053897.D

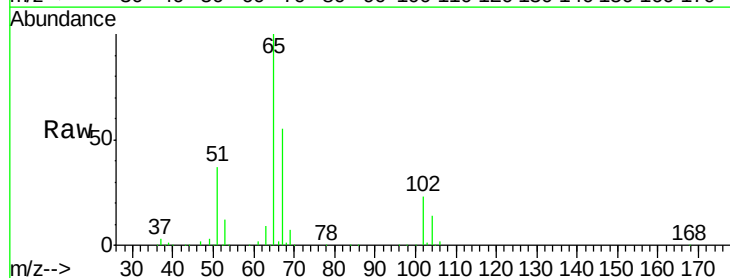
Acq: 21 Feb 2019 17:24

Tgt Ion: 65 Resp: 332821

Ion Ratio Lower Upper

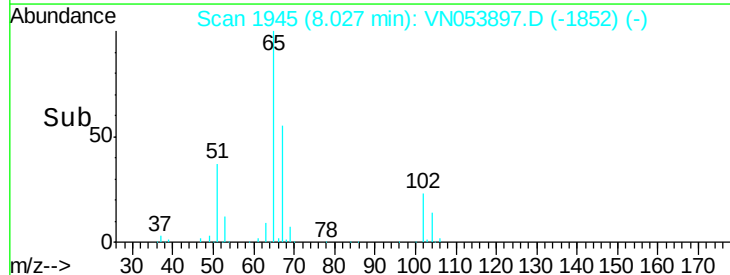
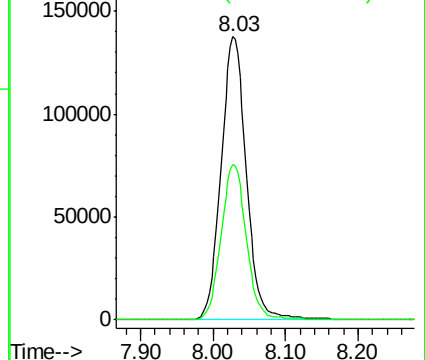
65 100

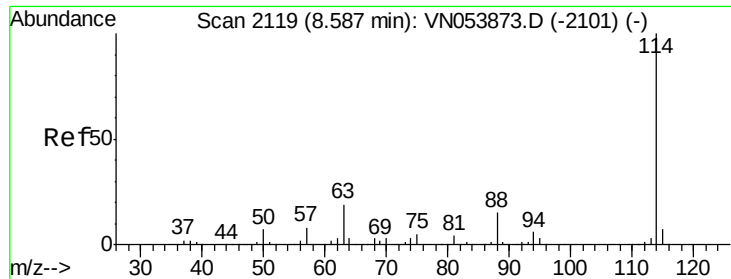
67 54.8 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

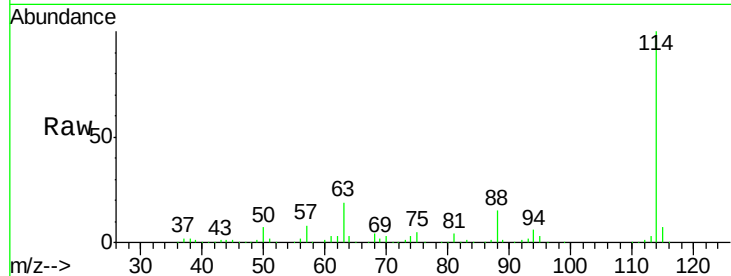




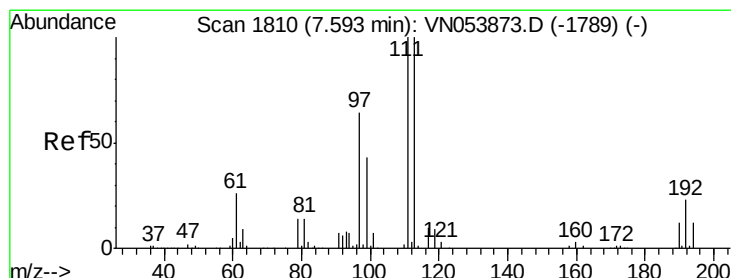
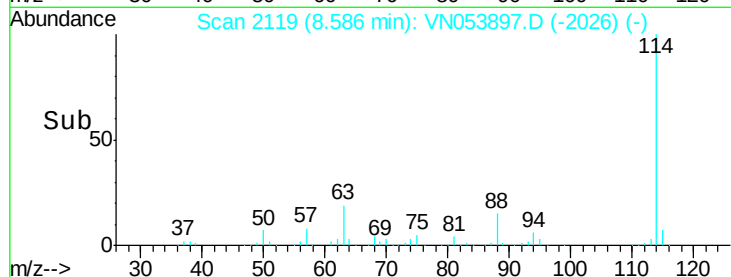
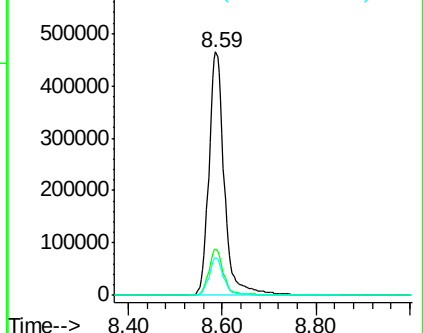
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-2

Tot Ion:114 Resp: 1060661
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.4
88 15.2 0.0 30.4

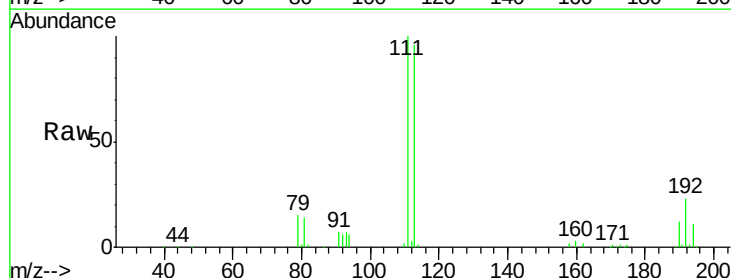


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

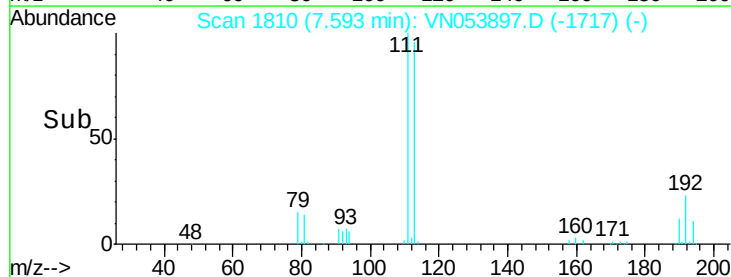
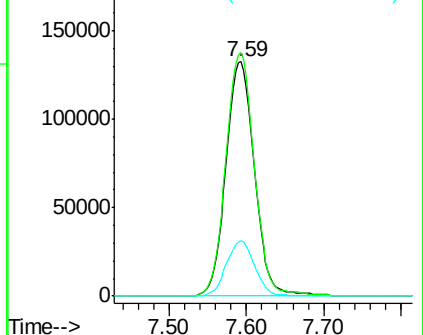


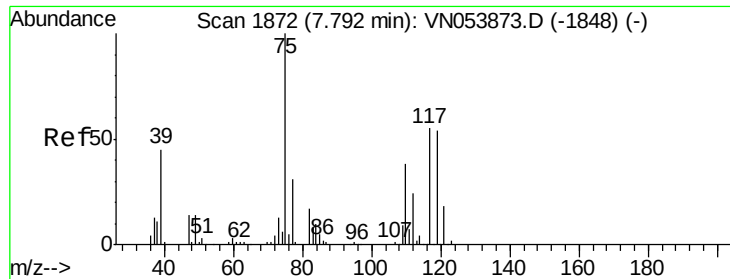
#35
Dibromofluoromethane
Concen: 48.837 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion:113 Resp: 339949
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 23.4 18.8 28.2



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

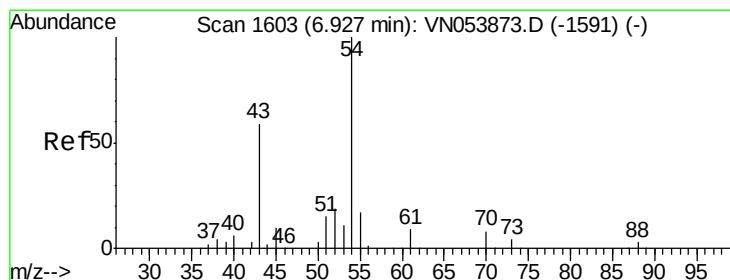
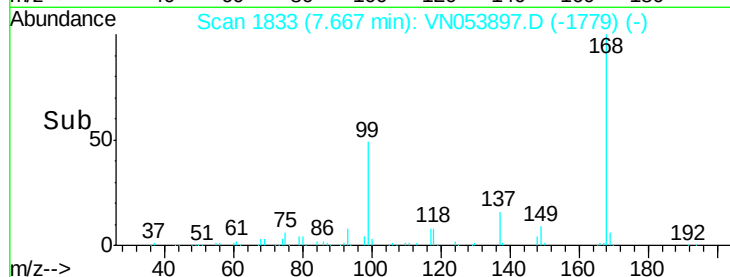
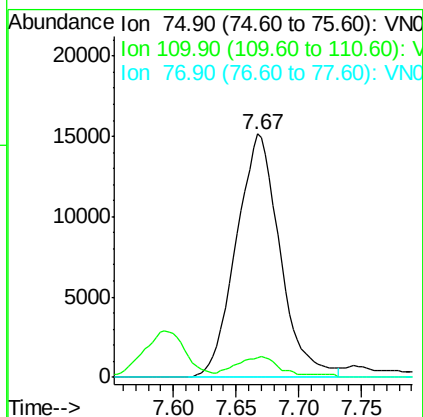
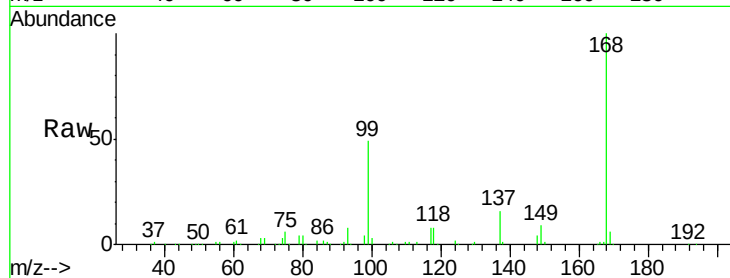




#36
 1,1-Dichloropropene
 Concen: 3.791 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

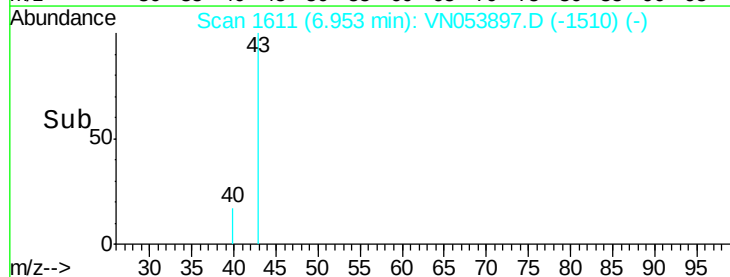
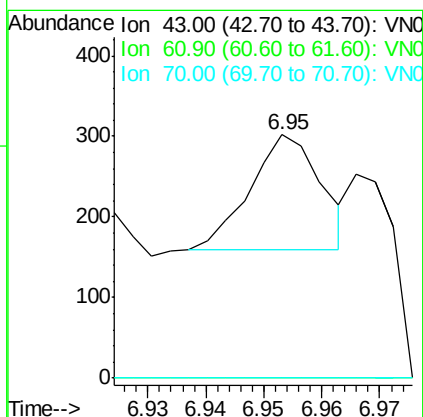
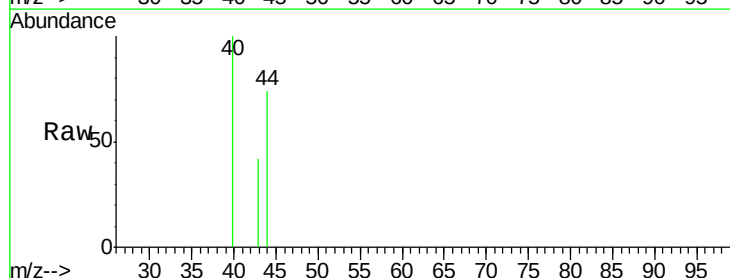
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1-2

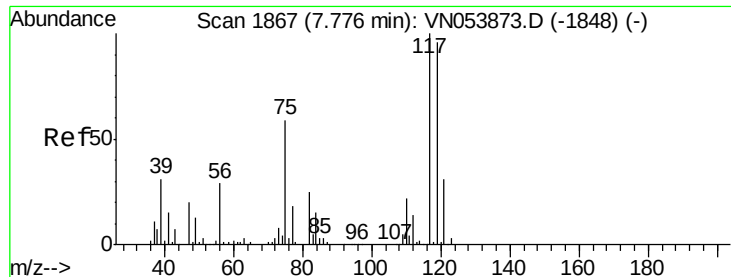
Tot Ion: 75 Resp: 36861
 Ion Ratio Lower Upper
 75 100
 110 7.2 19.0 57.0#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 0.239 ug/l
 RT: 6.95 min Scan# 1611
 Delta R.T. 0.03 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

Tgt Ion: 43 Resp: 120
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.0 18.0#
 70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 4.957 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-2

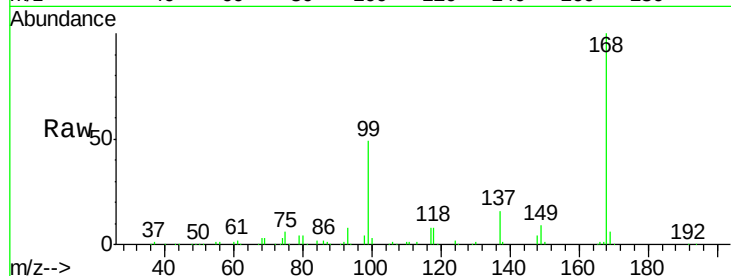
Tot Ion:117 Resp: 48142

Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.2#

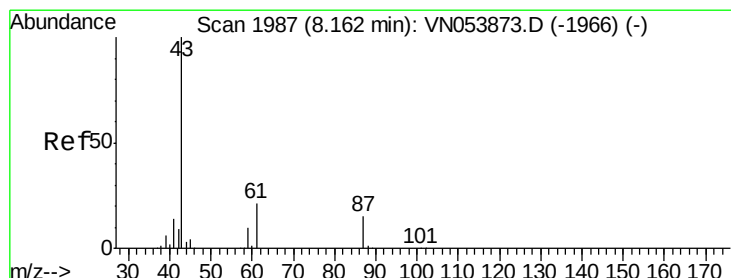
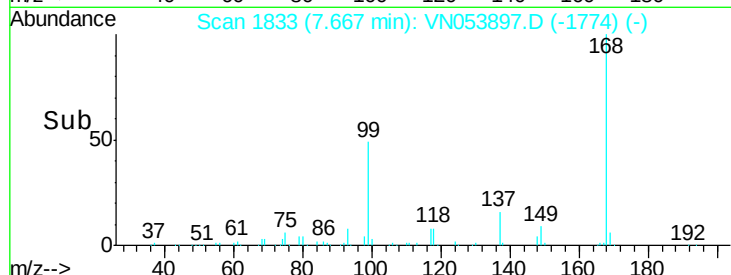
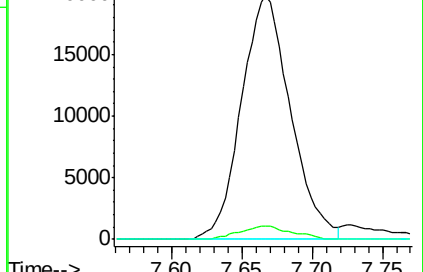
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 2.919 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

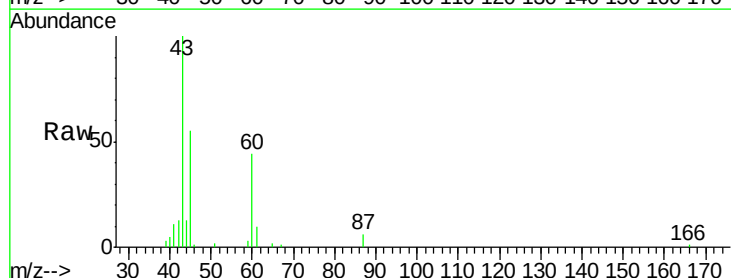
Tgt Ion: 43 Resp: 30266

Ion Ratio Lower Upper

43 100

61 17.2 17.4 26.0#

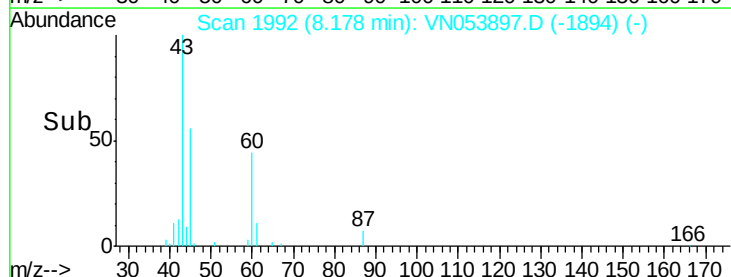
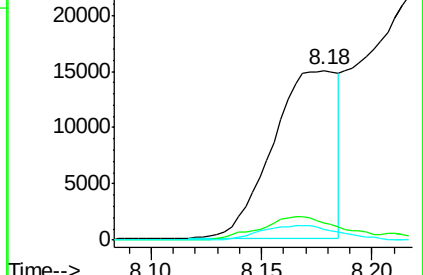
87 10.5 11.5 17.3#

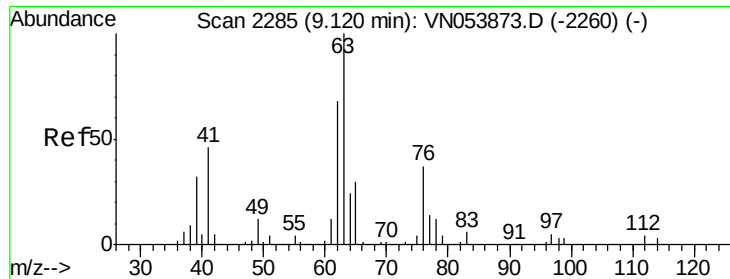


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

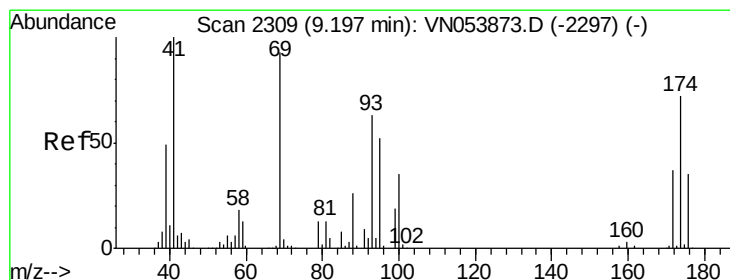
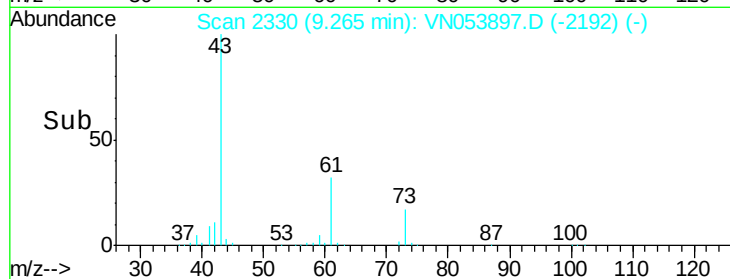
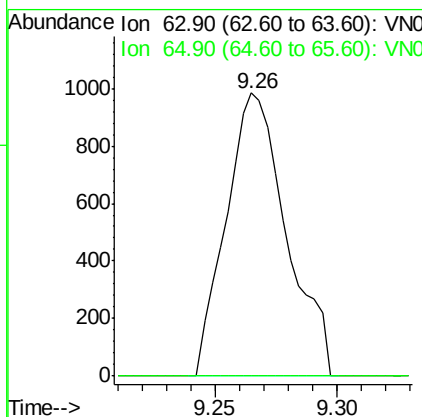
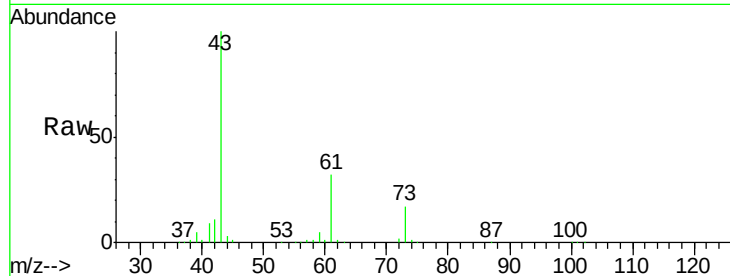




#45
 1,2-Dichloropropane
 Concen: 0.229 ug/l
 RT: 9.26 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

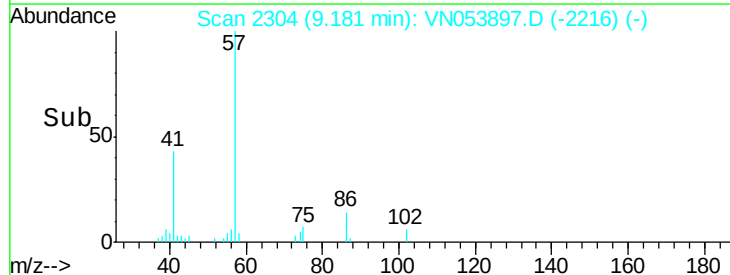
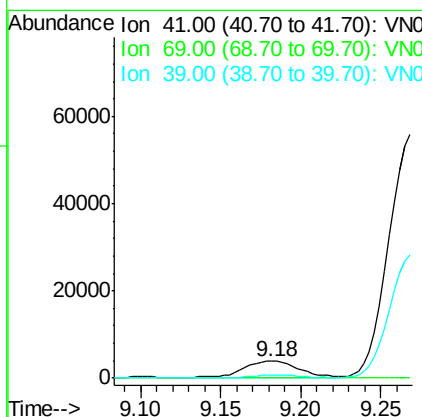
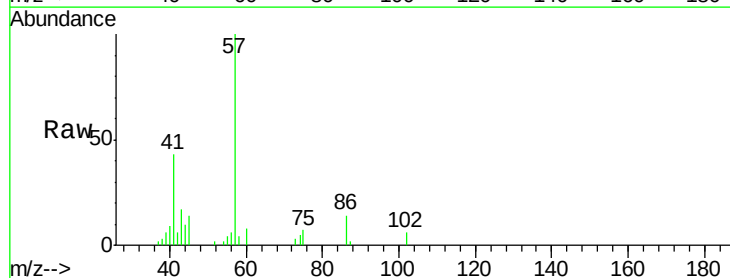
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1-2

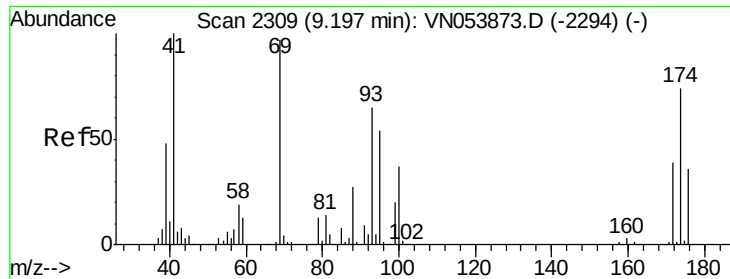
Tot Ion: 63 Resp: 1684
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.898 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

Tgt Ion: 41 Resp: 8438
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#49

1,4-Dioxane

Concen: 22.610 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

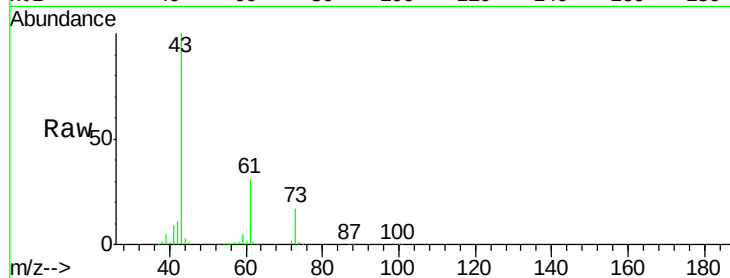
Tot Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

43 4133235.5 21.2 31.8#

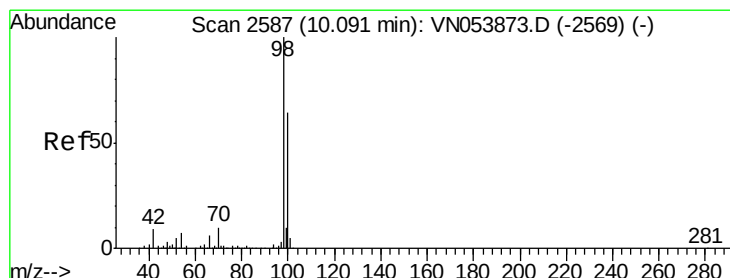
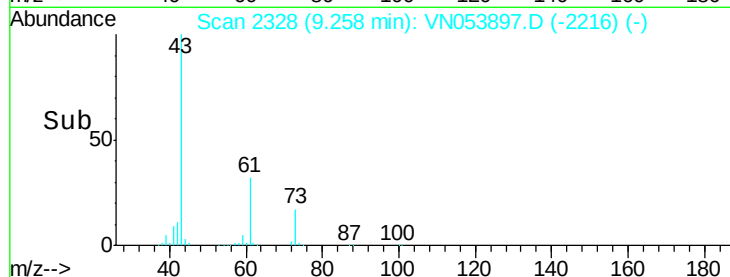
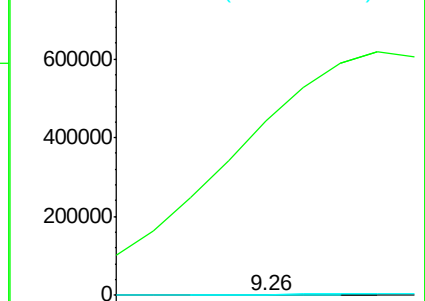
58 20887.1 54.2 81.2#



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: 51.526 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053897.D

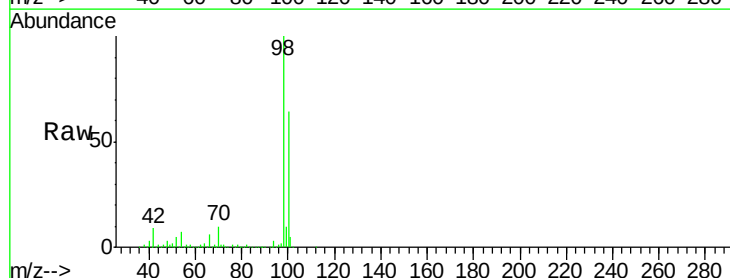
Acq: 21 Feb 2019 17:24

Tgt Ion: 98 Resp: 1295416

Ion Ratio Lower Upper

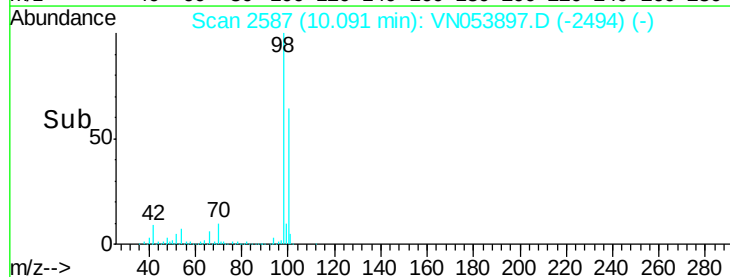
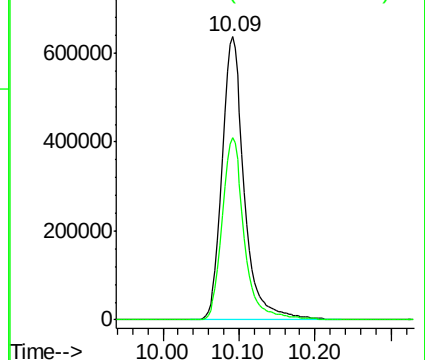
98 100

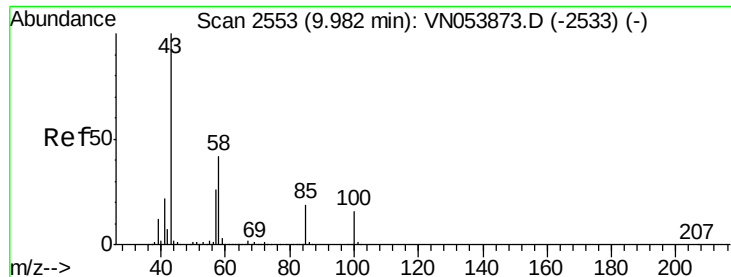
100 64.2 51.9 77.9



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: 8.042 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

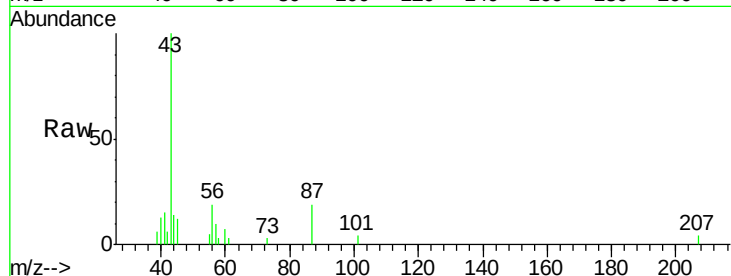
DRUM-1-2

Tot Ion: 43 Resp: 8320

Ion Ratio Lower Upper

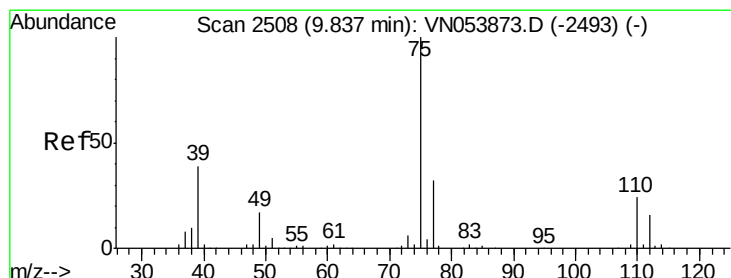
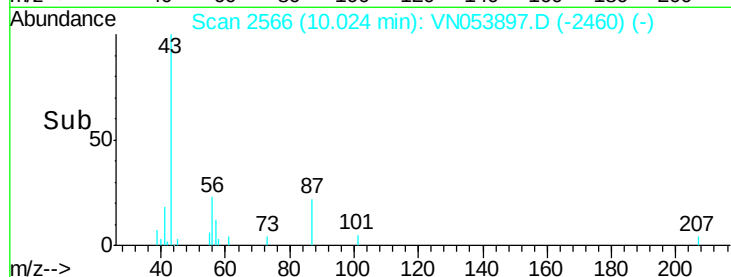
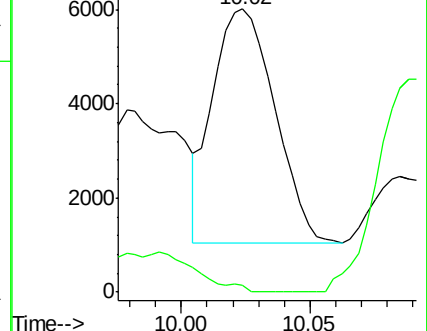
43 100

58 0.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.998 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

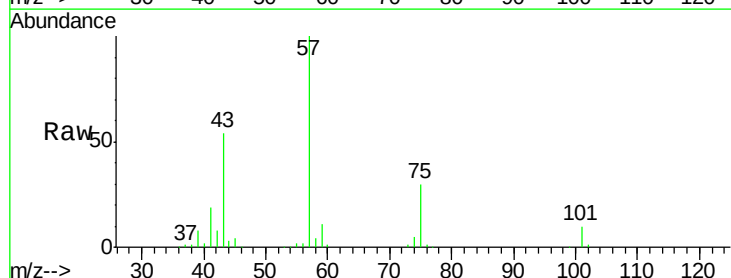
Tgt Ion: 75 Resp: 63988

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

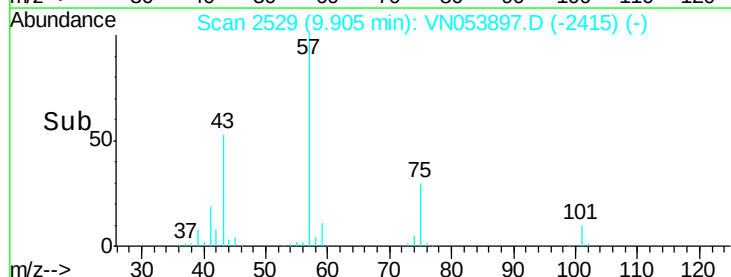
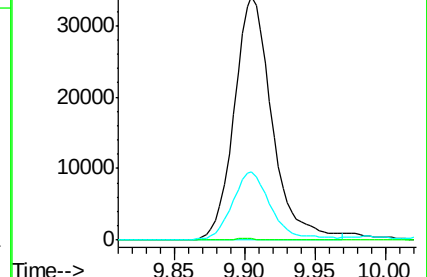
39 27.8 31.4 47.0#

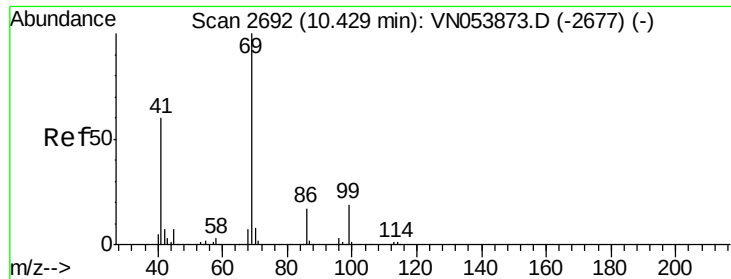


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.620 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-2

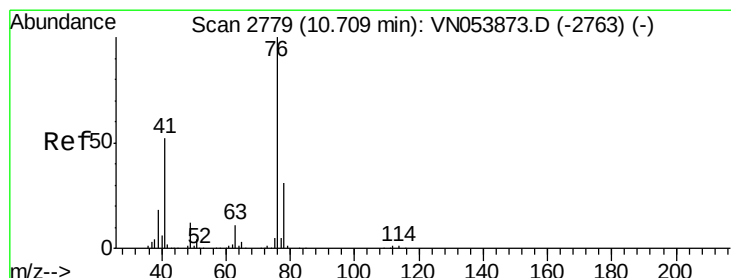
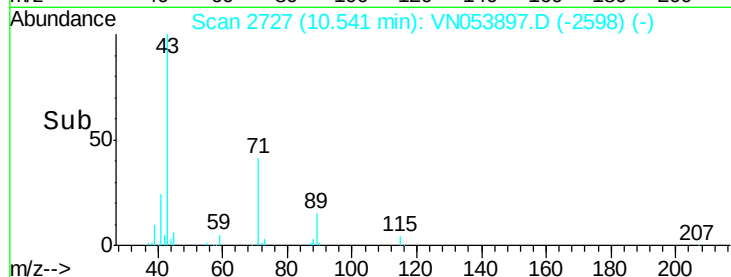
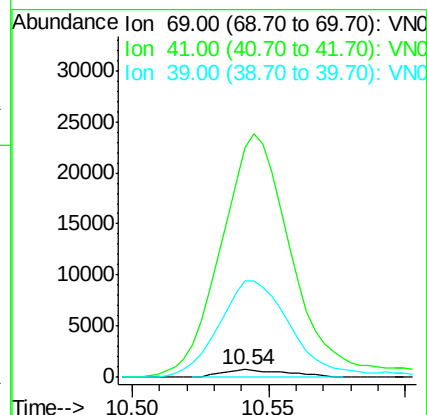
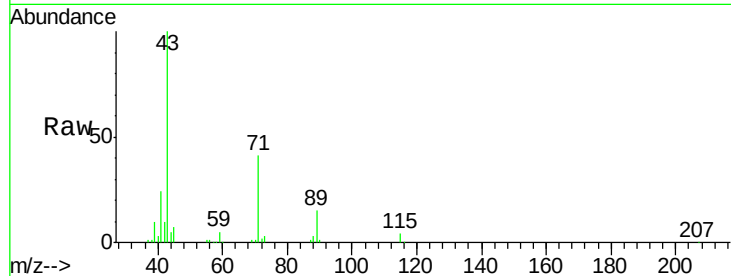
Tot Ion: 69 Resp: 1296

Ion Ratio Lower Upper

69 100

41 3342.6 47.5 71.3#

39 1333.4 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.148 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053897.D

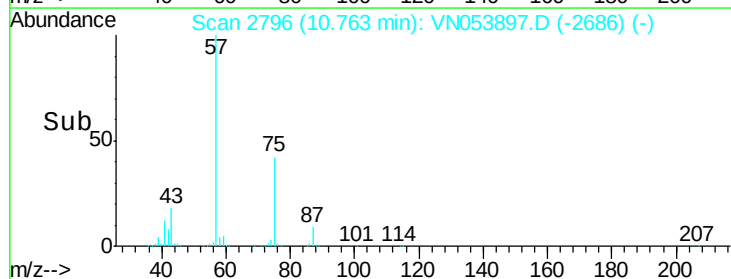
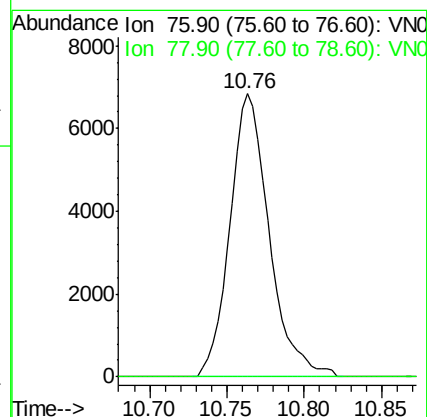
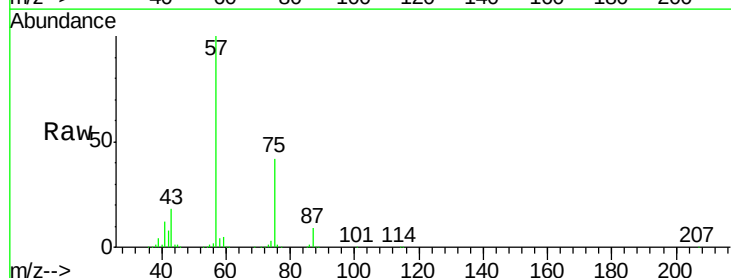
Acq: 21 Feb 2019 17:24

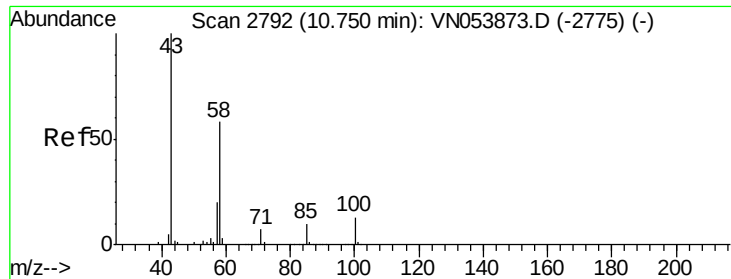
Tgt Ion: 76 Resp: 12038

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

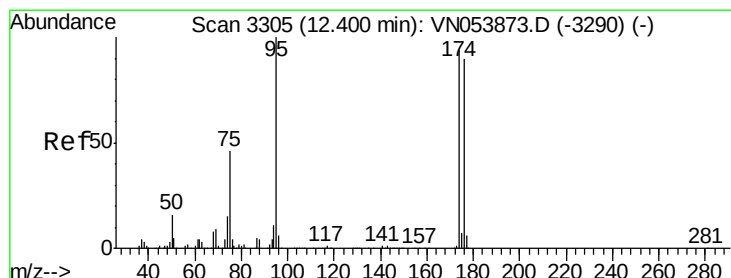
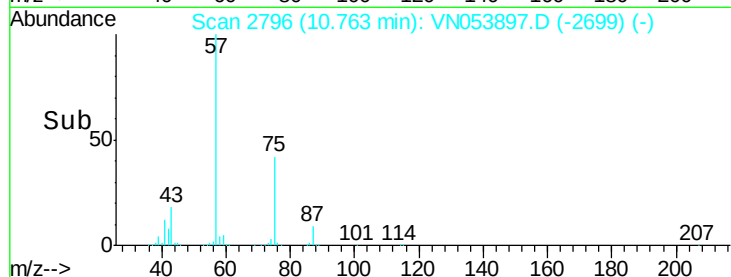
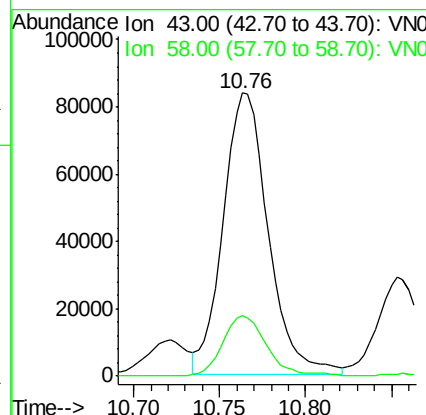
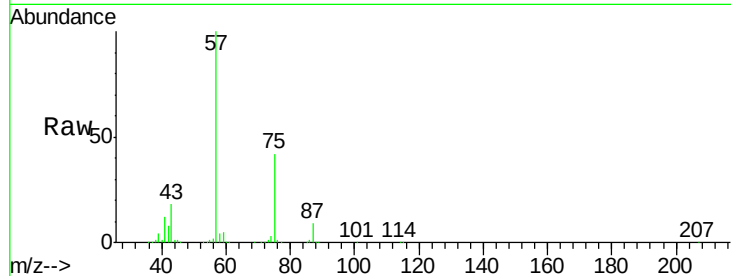




#59
2-Hexanone
Concen: 46.774 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

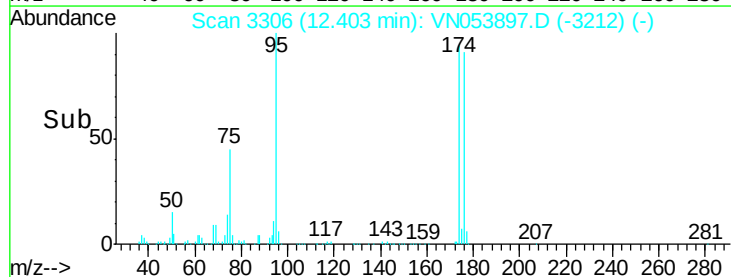
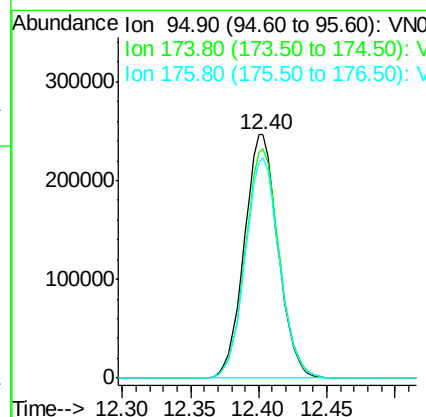
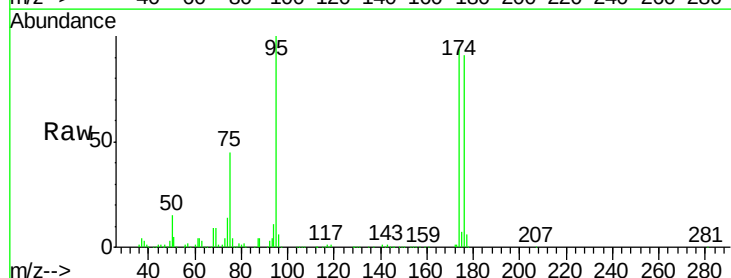
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-2

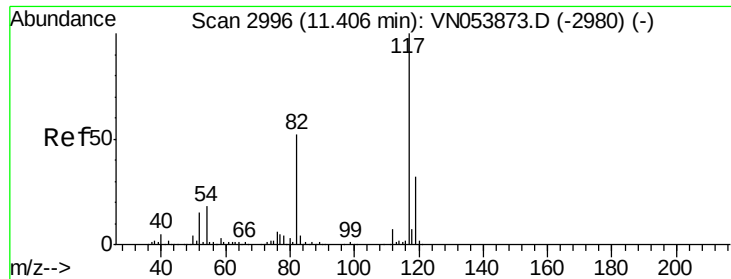
Tot Ion: 43 Resp: 152180
Ion Ratio Lower Upper
43 100
58 21.2 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 50.880 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion: 95 Resp: 422310
Ion Ratio Lower Upper
95 100
174 95.1 0.0 188.8
176 91.2 0.0 182.6

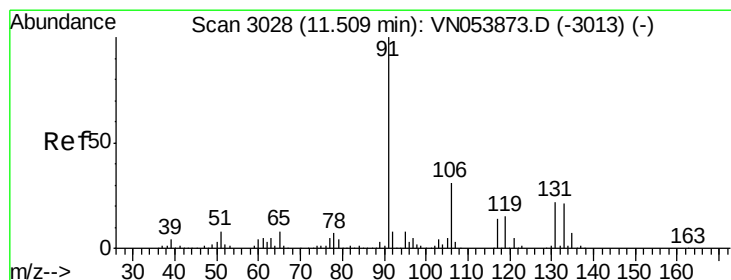
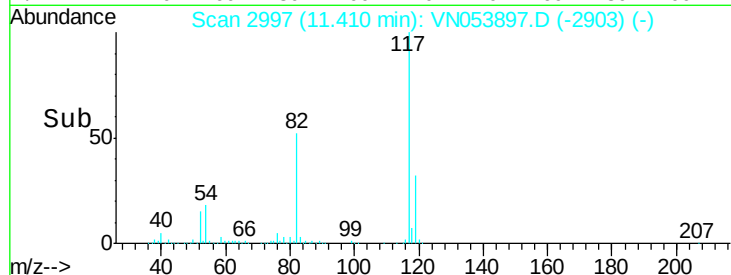
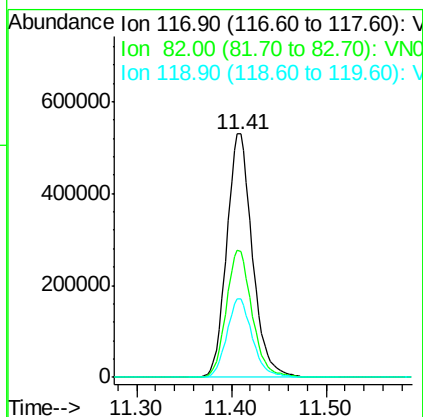
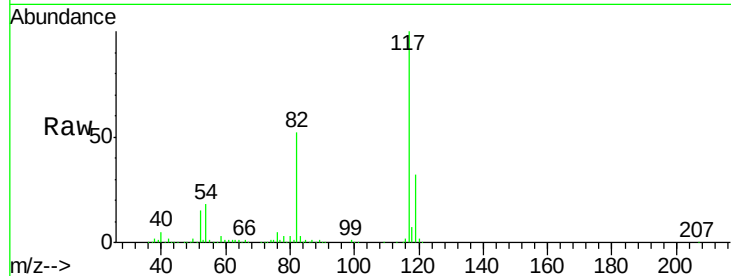




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

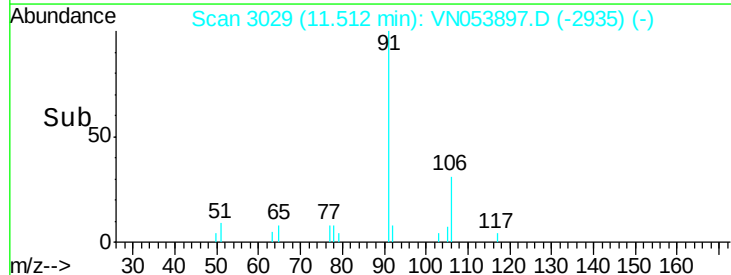
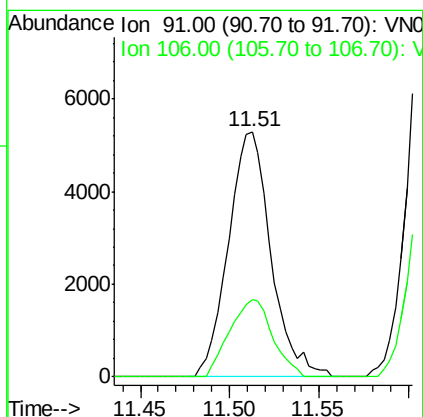
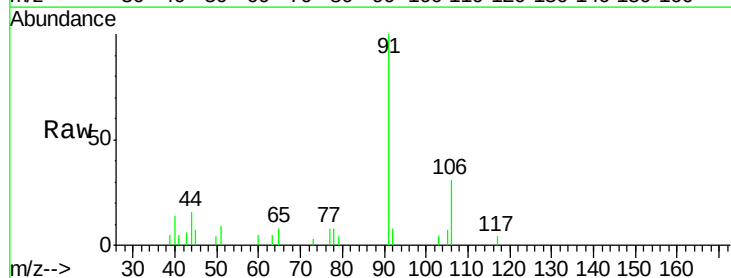
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-2

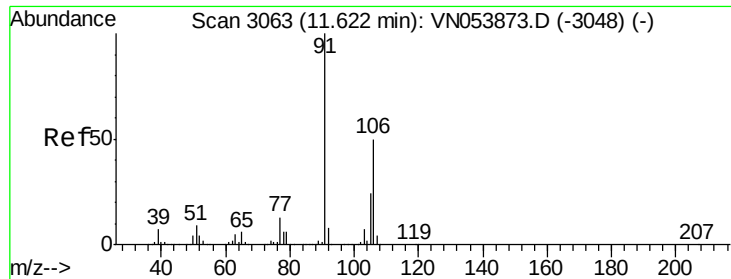
Tot Ion:117 Resp: 997326
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 32.0 25.3 37.9



#67
Ethyl Benzene
Concen: 0.260 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion: 91 Resp: 8777
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

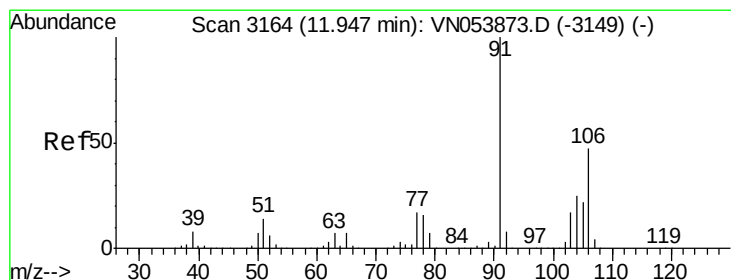
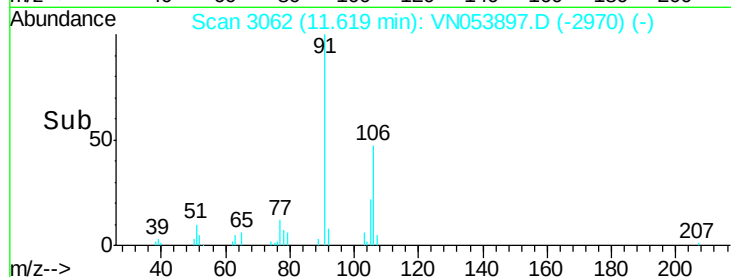
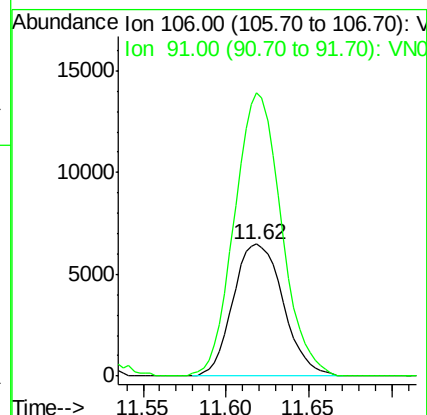
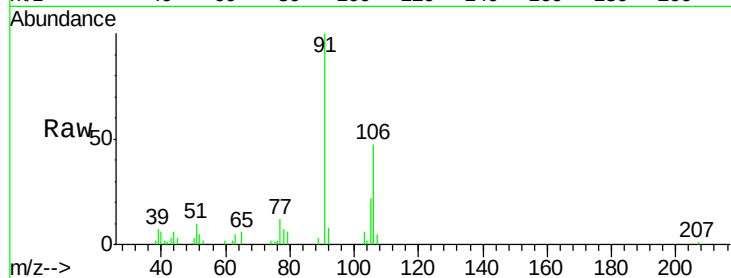




#68
m/p-Xylenes
Concen: 1.042 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

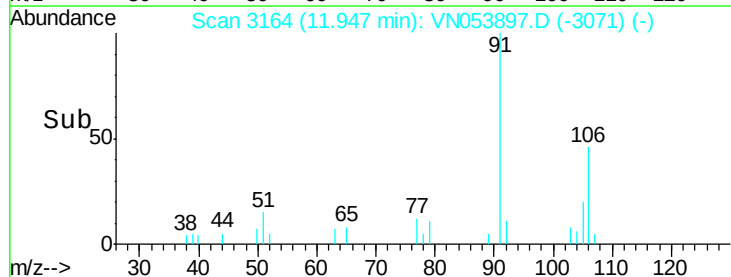
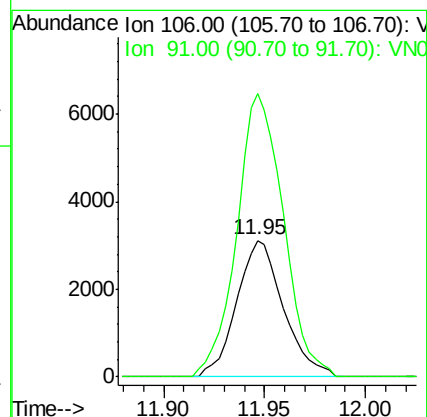
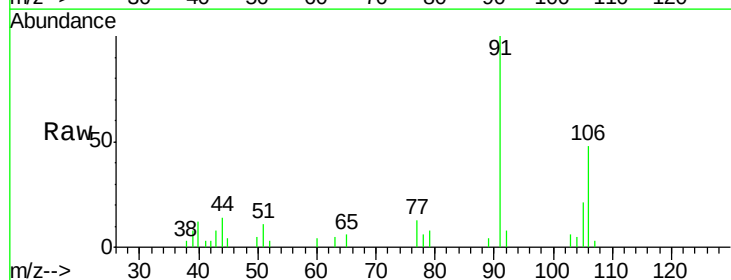
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-2

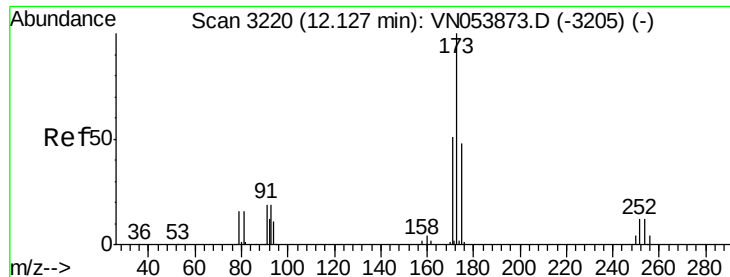
Tot Ion:106 Resp: 13628
Ion Ratio Lower Upper
106 100
91 200.7 158.9 238.3



#69
o-Xylene
Concen: 0.400 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053897.D
Acq: 21 Feb 2019 17:24

Tgt Ion:106 Resp: 5039
Ion Ratio Lower Upper
106 100
91 207.0 106.0 318.0





#71

Bromoform

Concen: 0.521 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

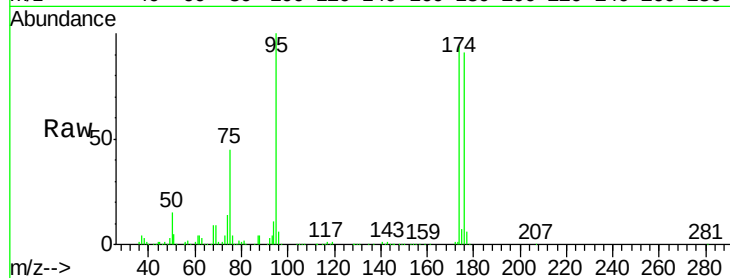
Tot Ion:173 Resp: 2817

Ion Ratio Lower Upper

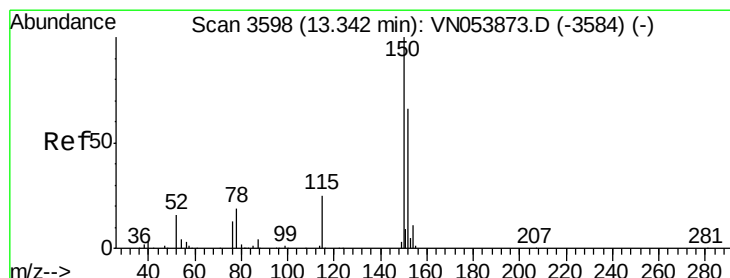
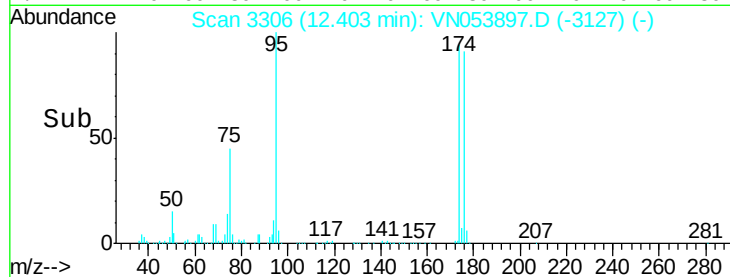
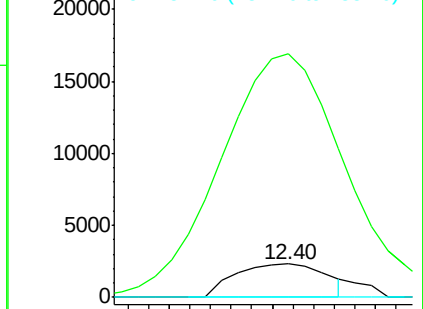
173 100

175 869.0 24.3 72.8#

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

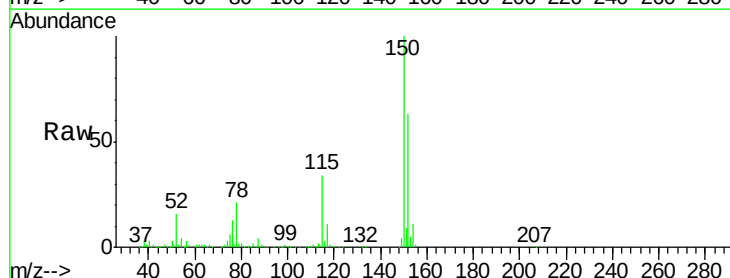
Tgt Ion:152 Resp: 372726

Ion Ratio Lower Upper

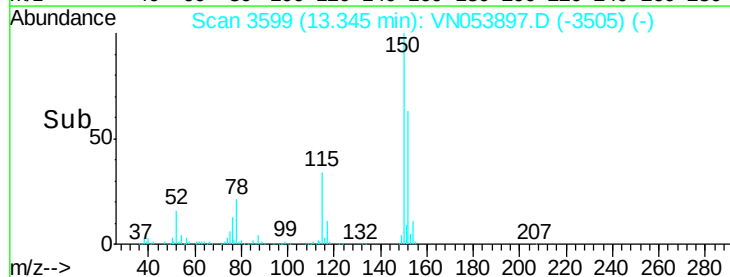
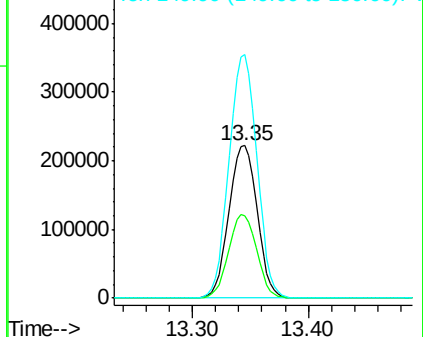
152 100

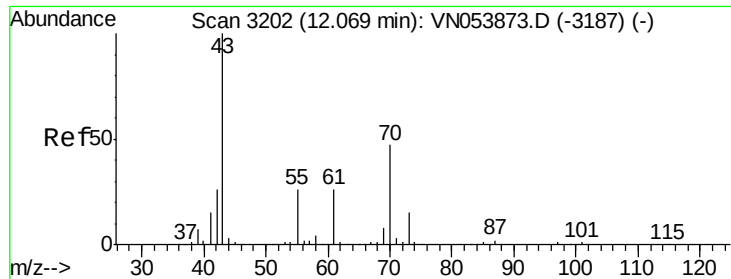
115 54.5 27.2 81.6

150 158.1 0.0 348.2



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





#74

N-amvl acetate

Concen: 2.522 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

Tot Ion: 43 Resp: 15205

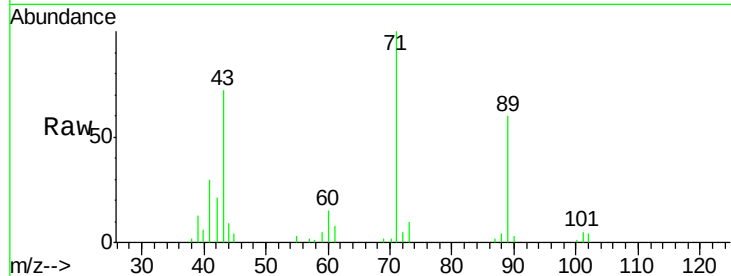
Ion Ratio Lower Upper

43 100

70 2.4 37.4 56.2#

55 5.3 21.4 32.0#

61 11.4 20.9 31.3#

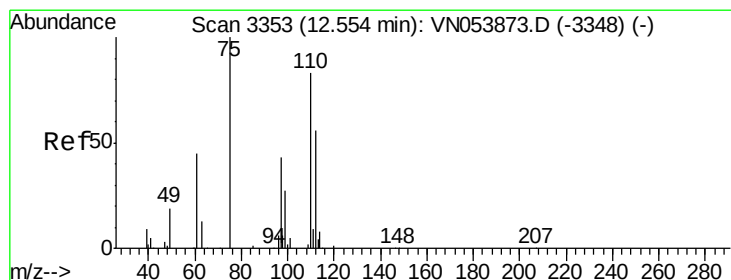
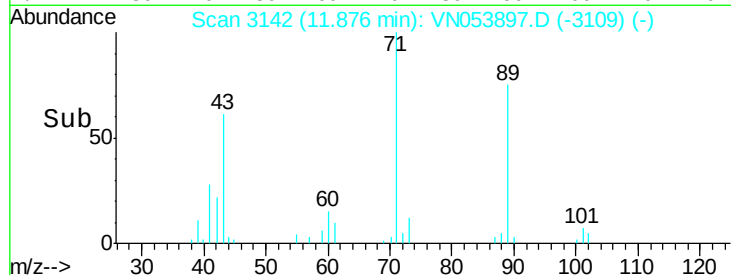
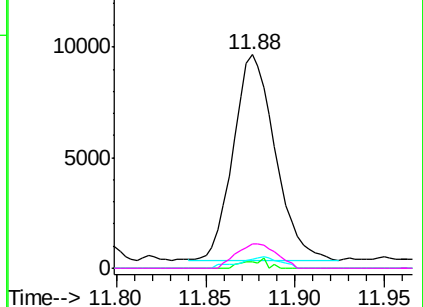


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.399 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053897.D

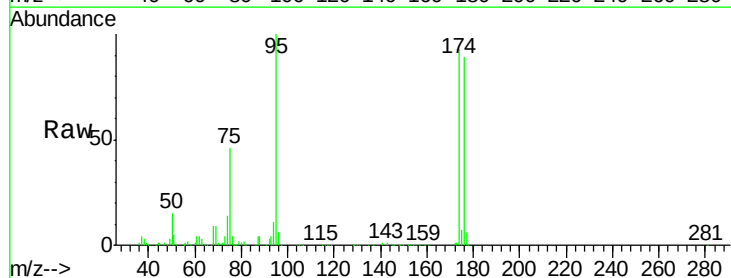
Acq: 21 Feb 2019 17:24

Tgt Ion: 75 Resp: 193693

Ion Ratio Lower Upper

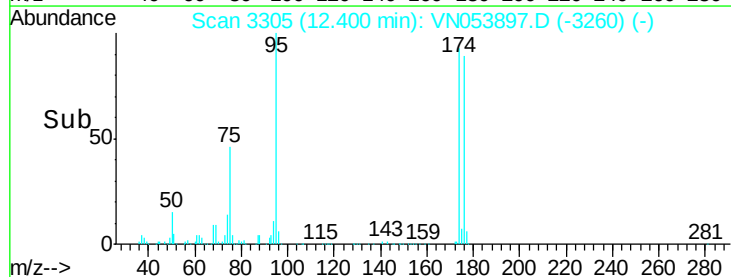
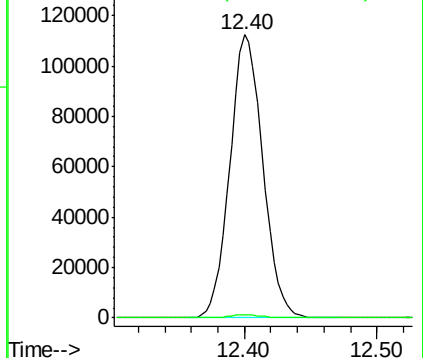
75 100

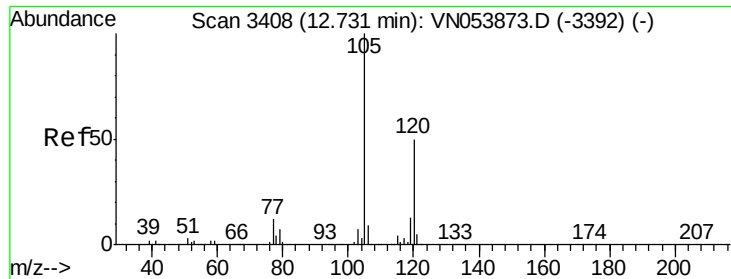
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

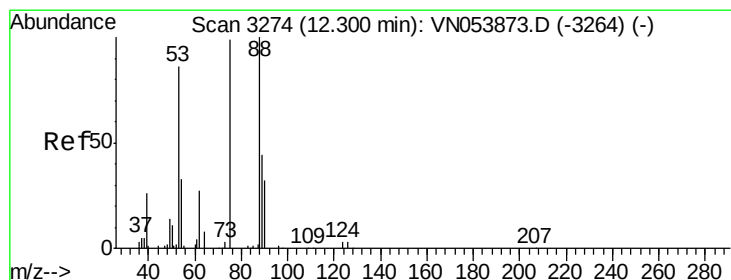
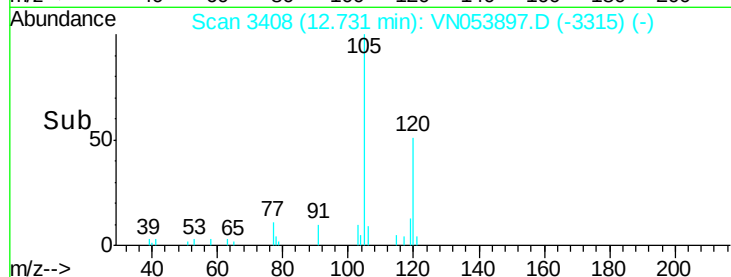
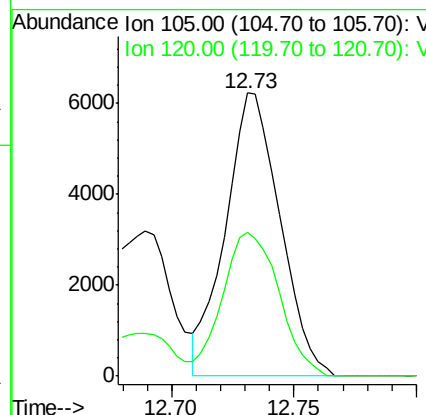
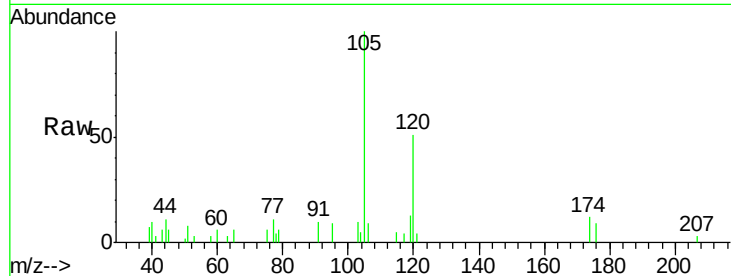




#80
 1,3,5-Trimethylbenzene
 Concen: 0.446 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

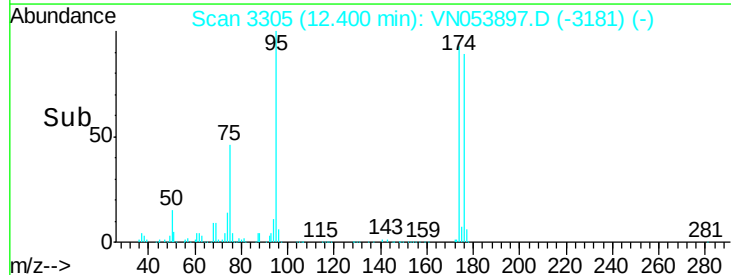
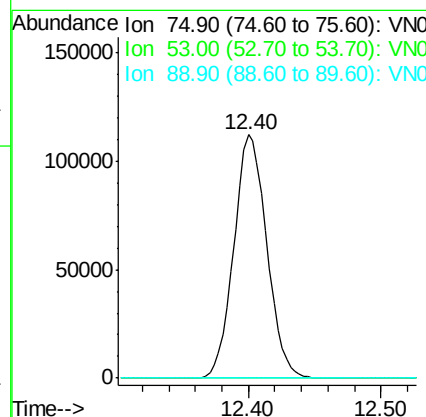
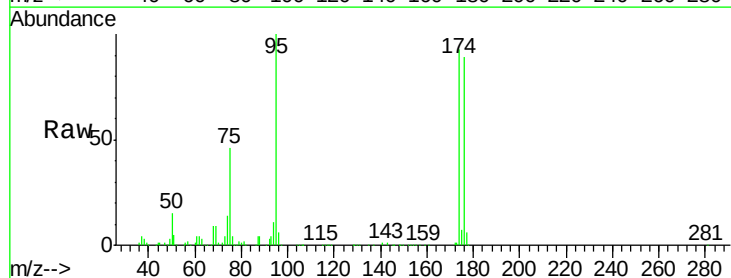
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-2

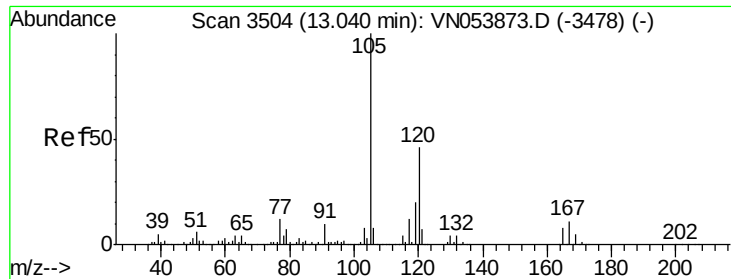
Tot Ion:105 Resp: 9710
 Ion Ratio Lower Upper
 105 100
 120 53.0 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.864 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

Tgt Ion: 75 Resp: 193693
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 0.0 35.3 52.9#

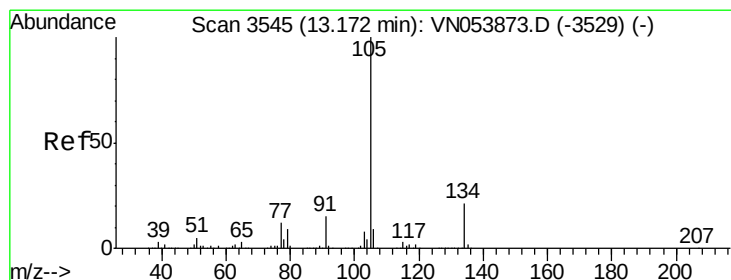
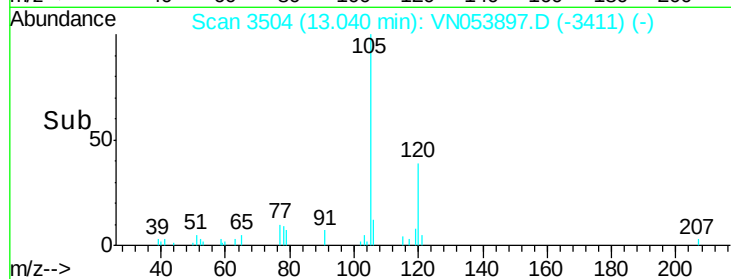
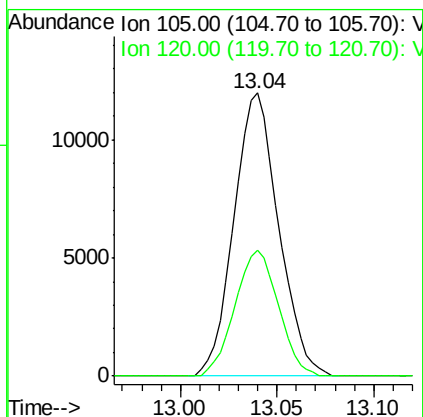
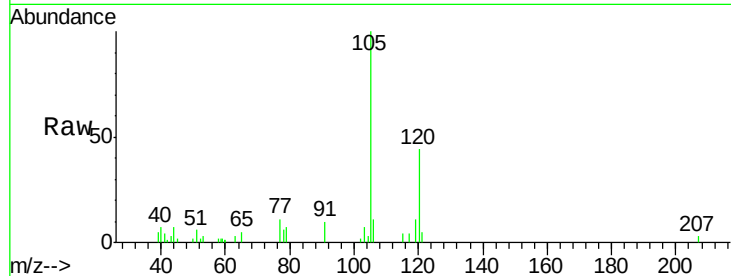




#84
 1,2,4-Trimethylbenzene
 Concen: 0.882 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

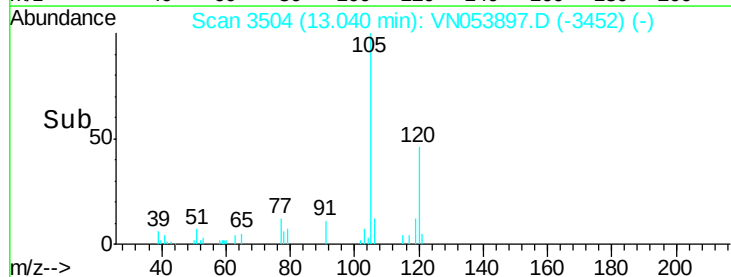
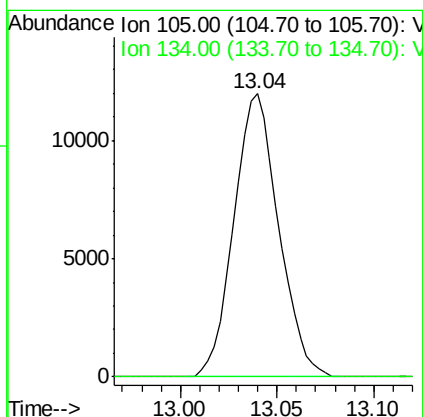
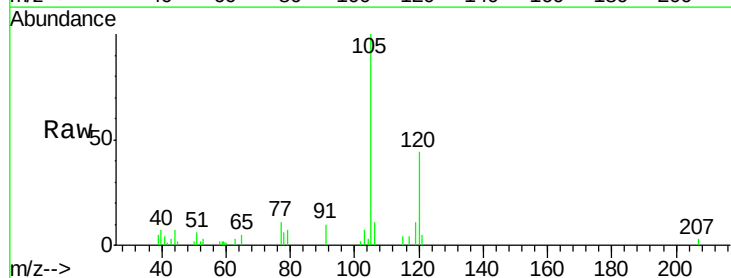
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1-2

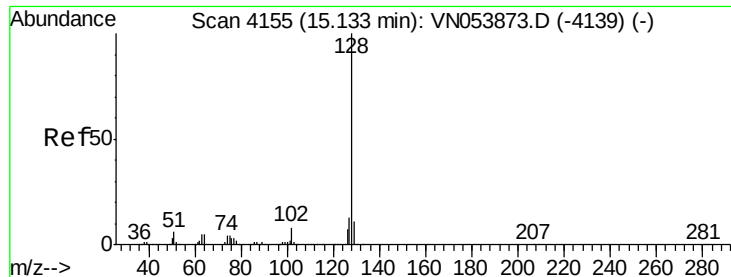
Tot Ion:105 Resp: 19282
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 0.732 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053897.D
 Acq: 21 Feb 2019 17:24

Tgt Ion:105 Resp: 19282
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





#95

Naphthalene

Concen: 4.920 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053897.D

Acq: 21 Feb 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-2

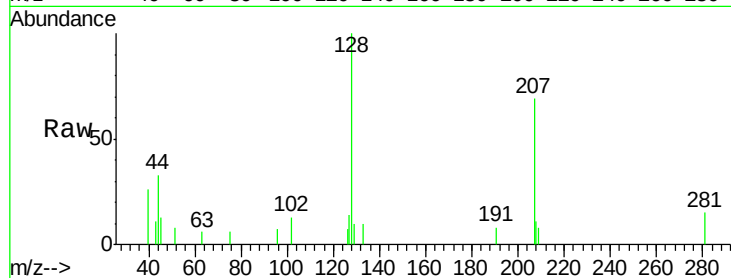
Tot Ion:128 Resp: 5016

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

129 4.8 8.6 12.8#



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

