

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054001.D
 Acq On : 28 Feb 2019 13:53
 Operator : JC/SP
 Sample : K1643-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 01 03:55:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	614274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1104707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1082004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384352	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	398267	55.31	ug/l	0.00
Spiked Amount			Recovery	=	110.62%	
35) Dibromofluoromethane	7.59	113	361609	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
50) Toluene-d8	10.09	98	1415898	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.40	95	463219	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	

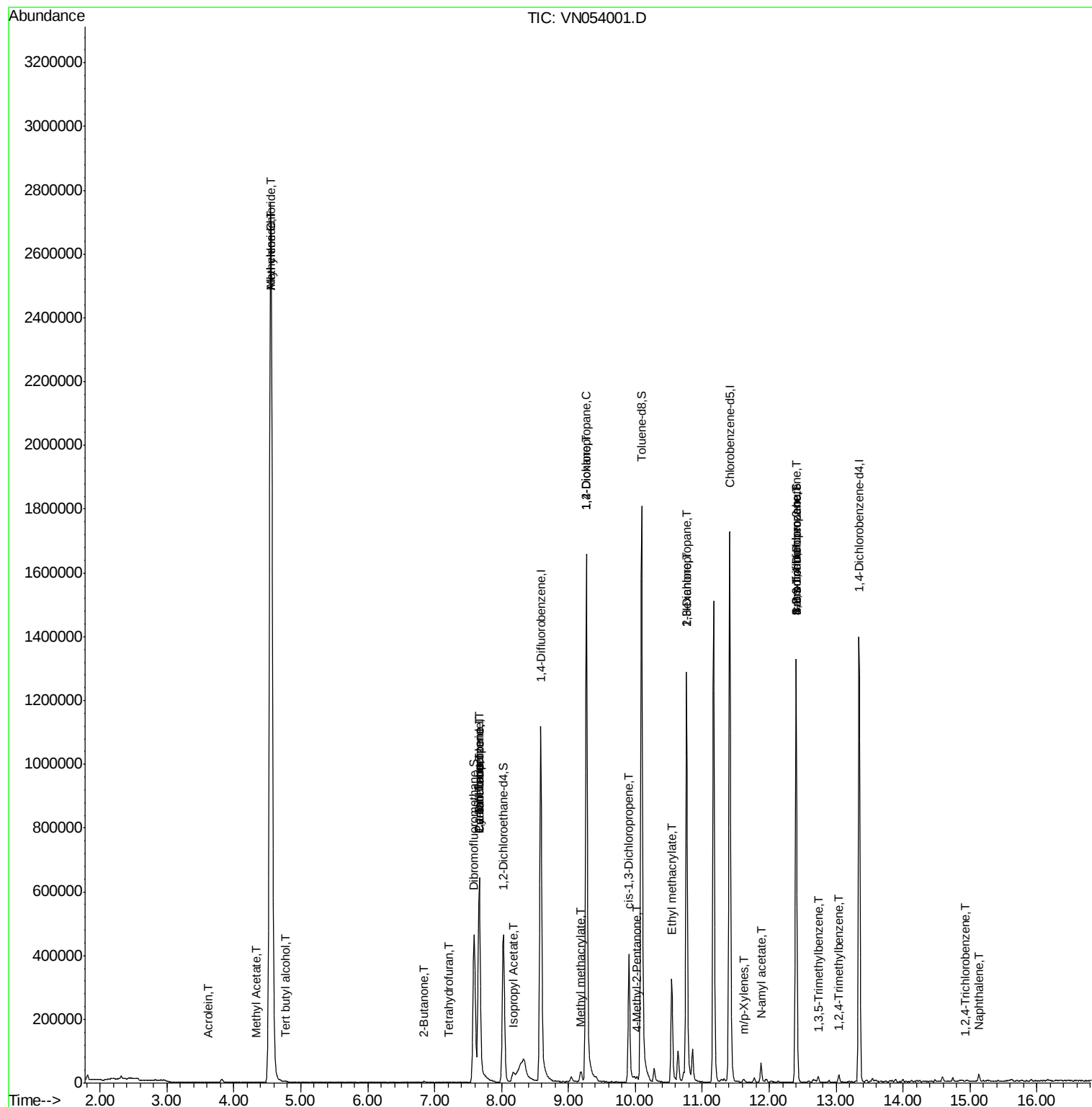
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	162	0.355	ug/l #	73
13) Acrolein	3.61	56	136	0.288	ug/l #	69
14) Allyl chloride	4.55	41	85788	8.066	ug/l #	27
16) Acetone	3.82	43	18269	Below Cal		98
18) Methyl Acetate	4.33	43	2383	0.473	ug/l	93
20) Methylene Chloride	4.55	84	2079363	291.771	ug/l	90
25) 2-Butanone	6.85	43	5918	2.093	ug/l	95
29) Tetrahydrofuran	7.22	42	1821	0.967	ug/l #	45
31) Cyclohexane	7.66	56	11702	0.611	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	42325	4.120	ug/l #	47
38) Carbon Tetrachloride	7.67	117	53660	5.022	ug/l #	17
43) Isopropyl Acetate	8.17	43	42358	3.420	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	1916	0.225	ug/l #	44
48) Methyl methacrylate	9.18	41	14649	2.571	ug/l #	22
49) 1,4-Dioxane	9.26	88	31	0.402	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	10986	1.726	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	78692	6.585	ug/l #	68
56) Ethyl methacrylate	10.54	69	1808	2.146	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	14213	1.212	ug/l #	43
59) 2-Hexanone	10.76	43	204896	49.499	ug/l #	48
68) m/p-Xylenes	11.62	106	3151	0.218	ug/l	89
71) Bromoform	12.40	173	3881	0.678	ug/l #	1
74) N-amyl acetate	11.88	43	19650	2.506	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	224606	36.428	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8164	0.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	224606	115.136	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13141	0.537	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	282	2.261	ug/l #	1
95) Naphthalene	15.13	128	18122	4.326	ug/l	97

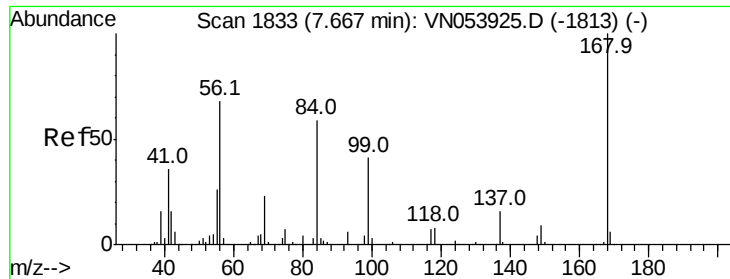
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

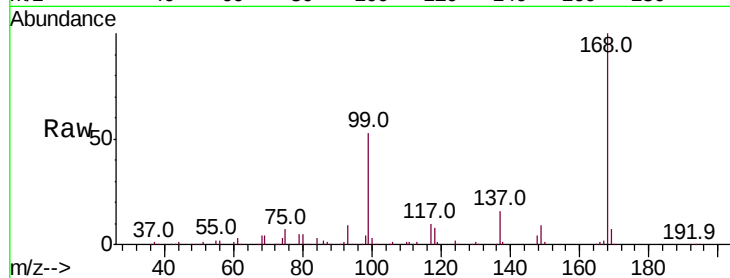
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 614274

Ion Ratio Lower Upper

168 100

99 52.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

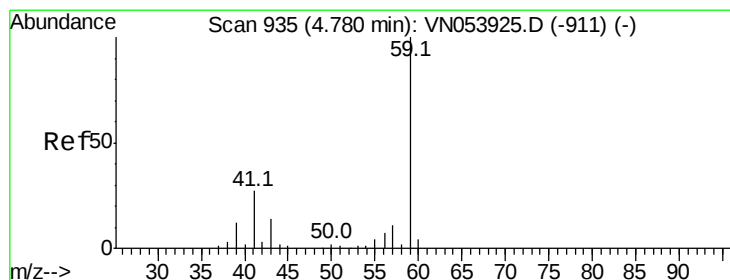
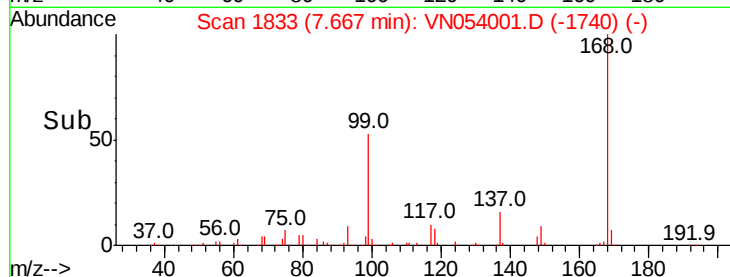
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.355 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN054001.D

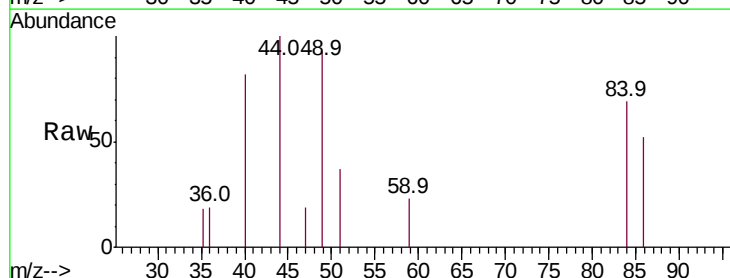
Acq: 28 Feb 2019 13:53

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.77

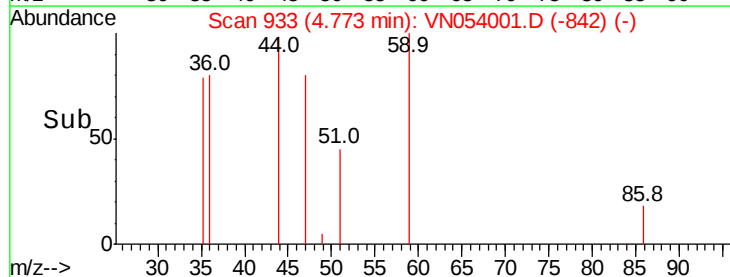
300

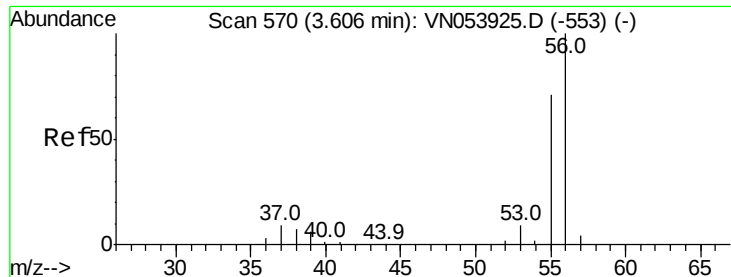
200

100

0

Time-->





#13

Acrolein

Concen: 0.288 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

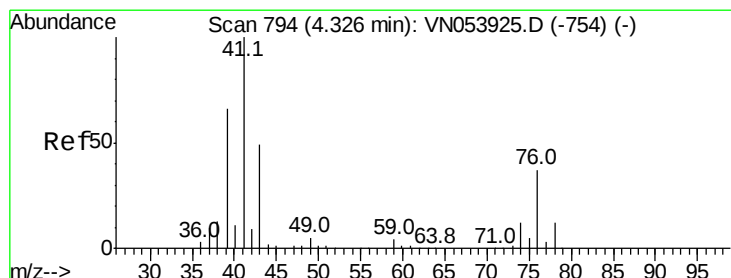
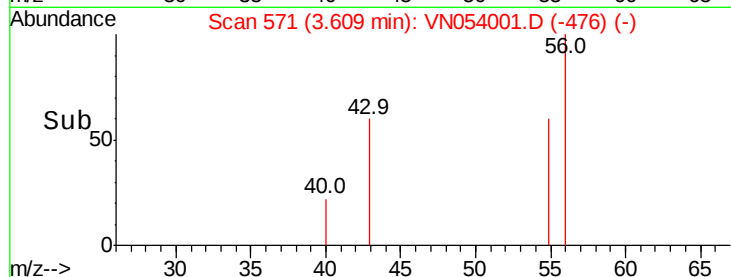
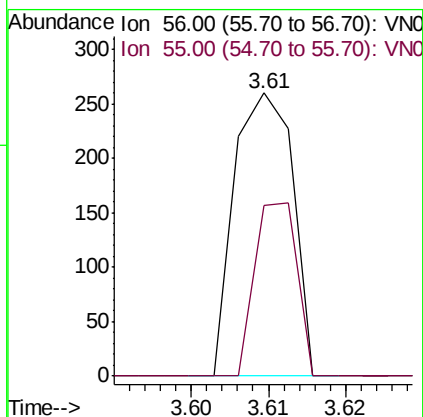
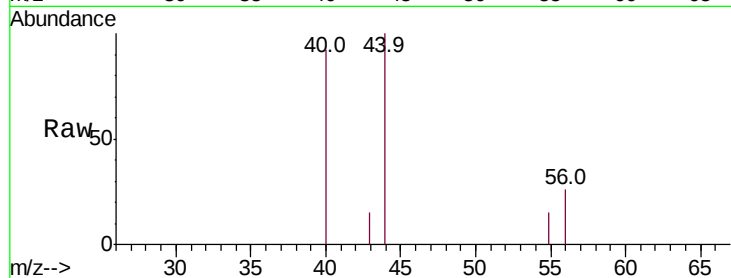
ClientSampleId :

Tot Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 44.9 56.3 84.5#



#14

Allyl chloride

Concen: 8.066 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

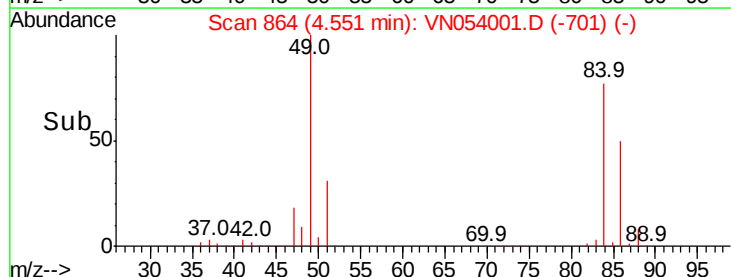
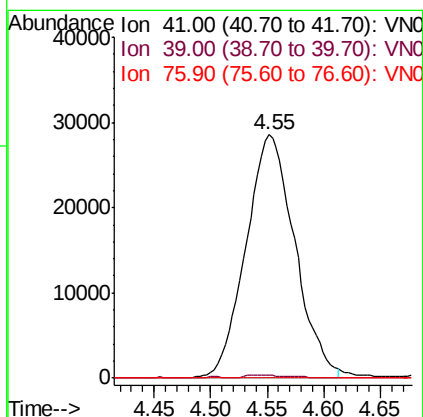
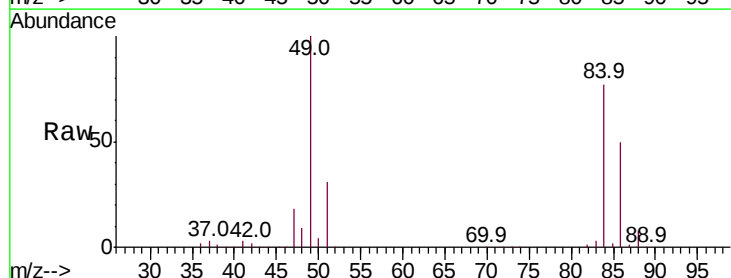
Tgt Ion: 41 Resp: 85788

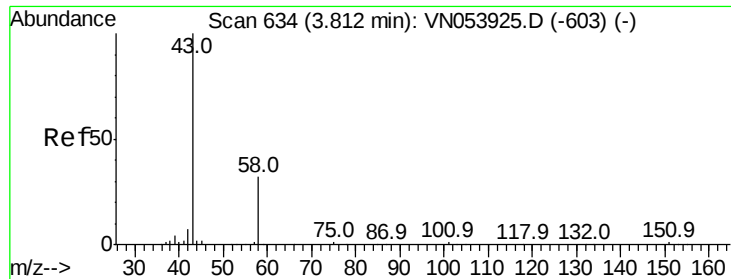
Ion Ratio Lower Upper

41 100

39 0.7 48.8 73.2#

76 0.0 30.9 46.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

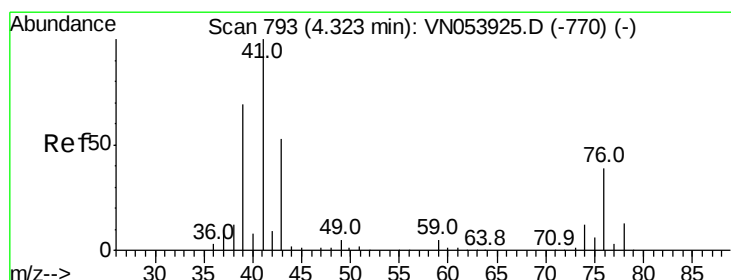
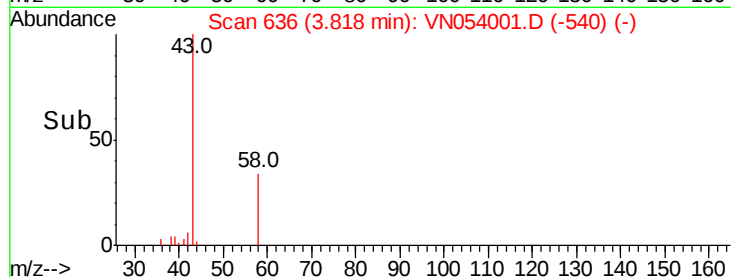
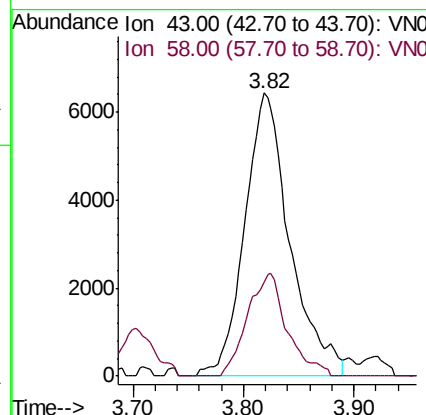
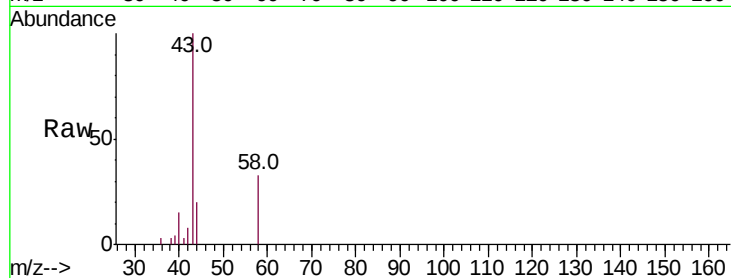
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 18269

Ion Ratio Lower Upper

43 100

58 33.2 27.6 41.4



#18

Methyl Acetate

Concen: 0.473 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN054001.D

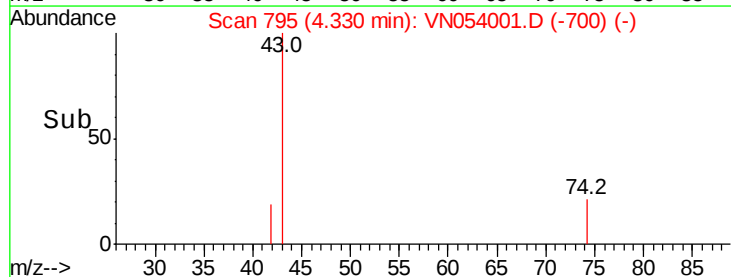
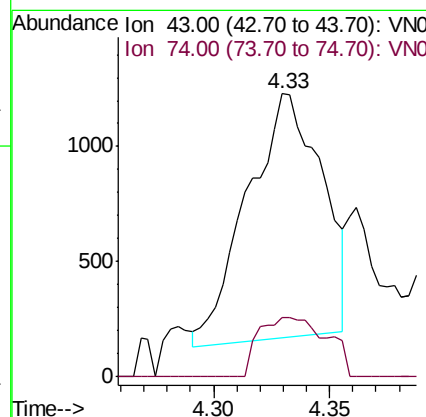
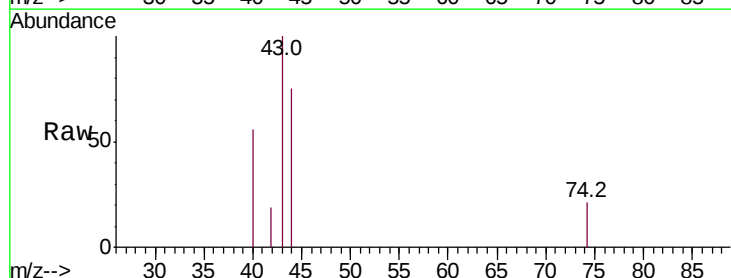
Acq: 28 Feb 2019 13:53

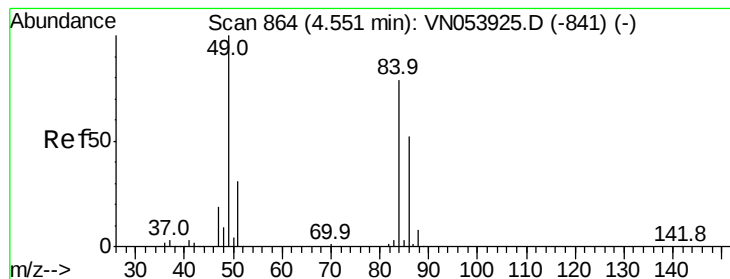
Tgt Ion: 43 Resp: 2383

Ion Ratio Lower Upper

43 100

74 22.0 20.5 30.7





#20

Methylene Chloride

Concen: 291.771 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 2079363

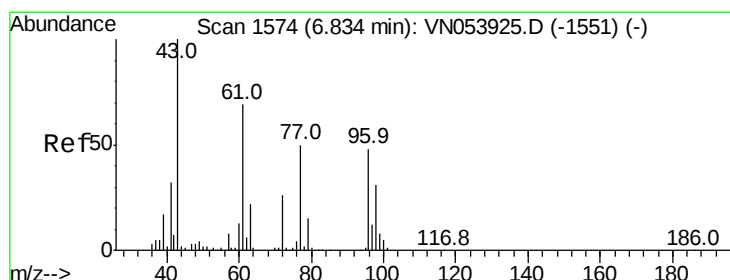
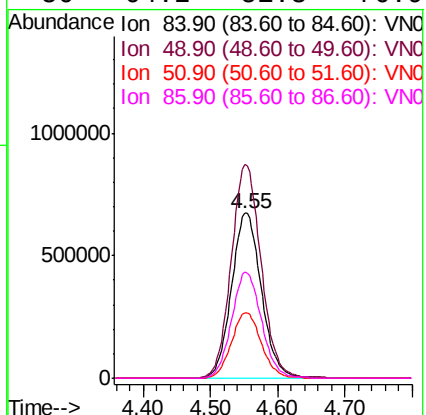
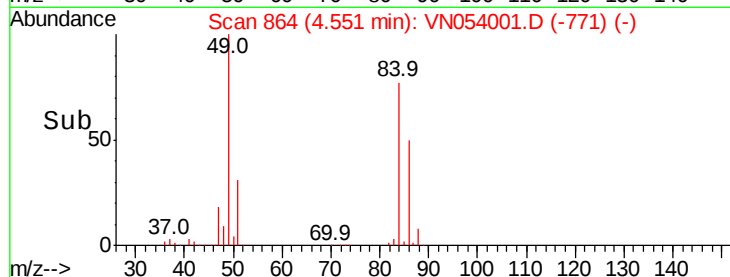
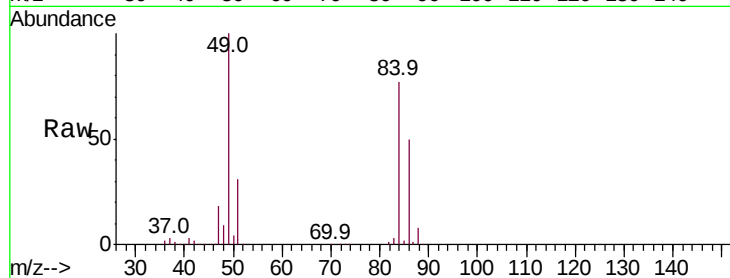
Ion	Ratio	Lower	Upper
84	100		
49	129.5	89.7	134.5
51	39.9	27.8	41.8
86	64.2	51.3	76.9

84 100

49 129.5 89.7 134.5

51 39.9 27.8 41.8

86 64.2 51.3 76.9



#25

2-Butanone

Concen: 2.093 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN054001.D

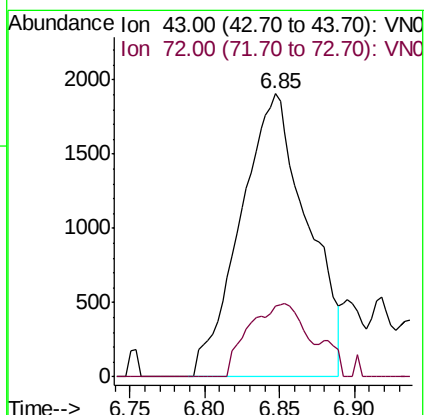
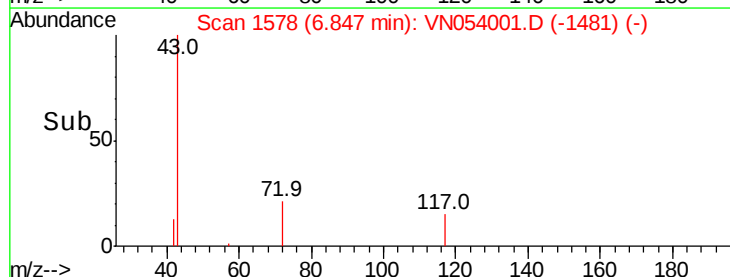
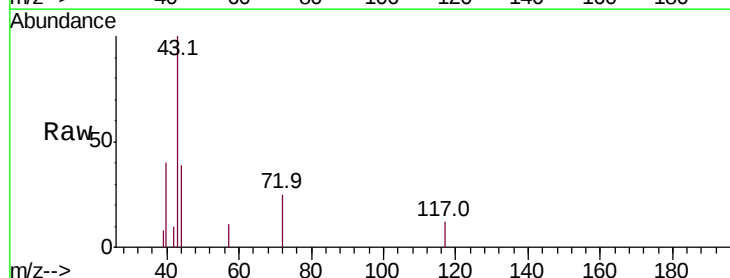
Acq: 28 Feb 2019 13:53

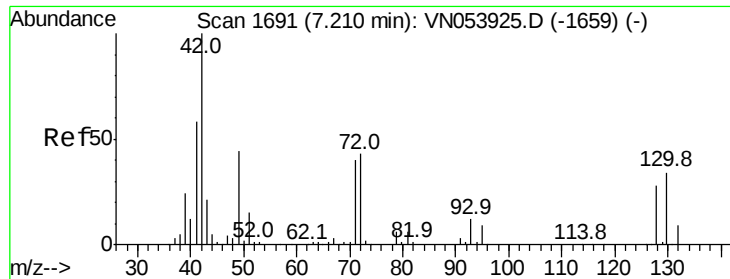
Tgt Ion: 43 Resp: 5918

Ion	Ratio	Lower	Upper
43	100		
72	25.0	22.1	33.1

43 100

72 25.0 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.967 ug/l

RT: 7.22 min Scan# 1693

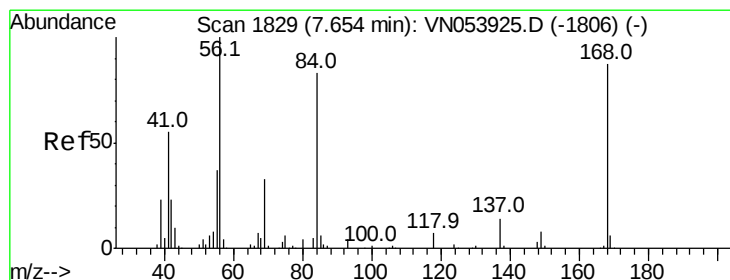
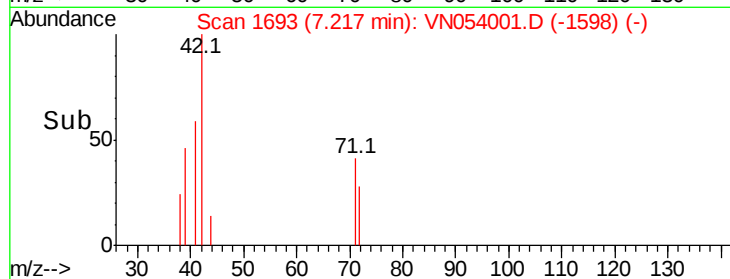
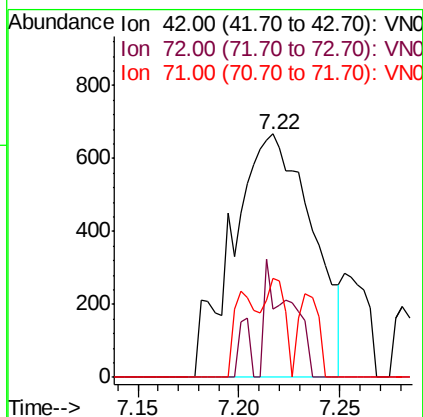
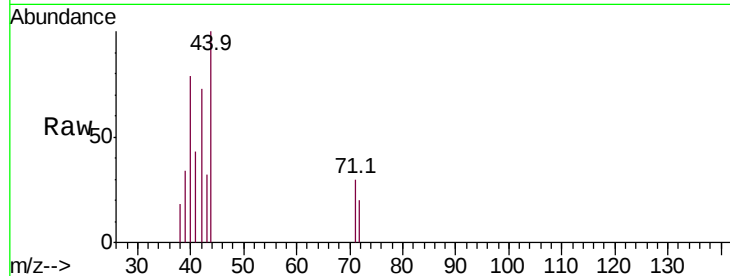
Delta R.T. 0.01 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	42	Resp:	1821
Ion	Ratio	Lower	Upper
42	100		
72	7.5	36.9	55.3#
71	9.8	34.6	52.0#



#31

Cyclohexane

Concen: 0.611 ug/l

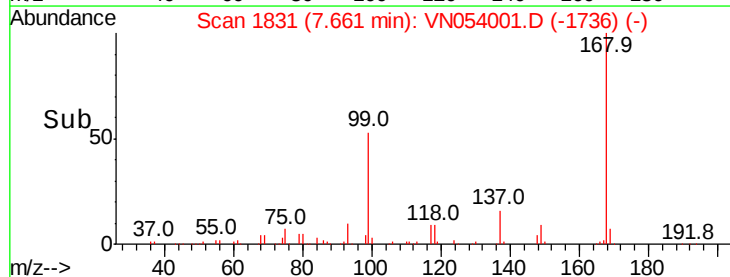
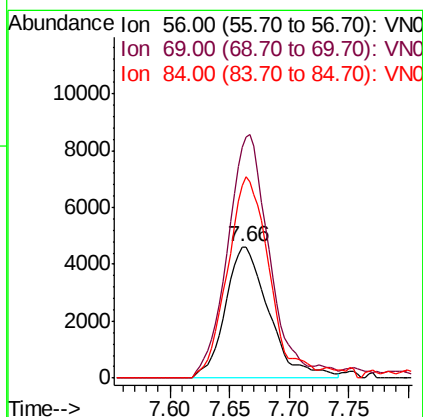
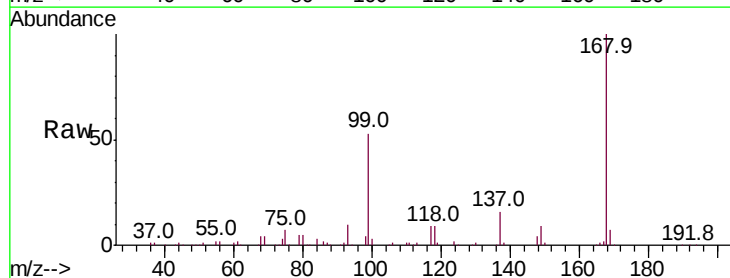
RT: 7.66 min Scan# 1831

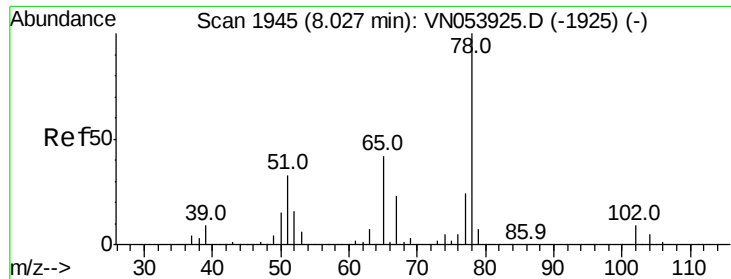
Delta R.T. 0.01 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Tgt Ion:	56	Resp:	11702
Ion	Ratio	Lower	Upper
56	100		
69	175.9	26.0	39.0#
84	146.7	69.1	103.7#





#33

1,2-Dichloroethane-d4

Concen: 55.310 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

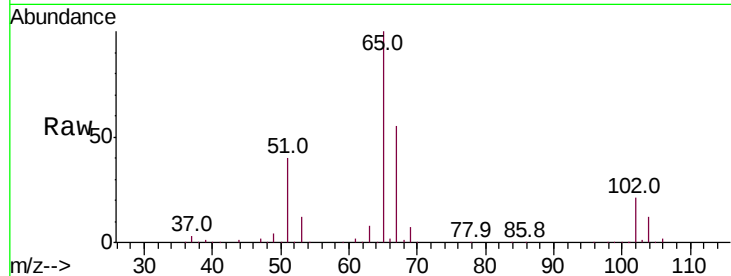
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 398267

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053925.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053925.D (-1925) (-)

8.03

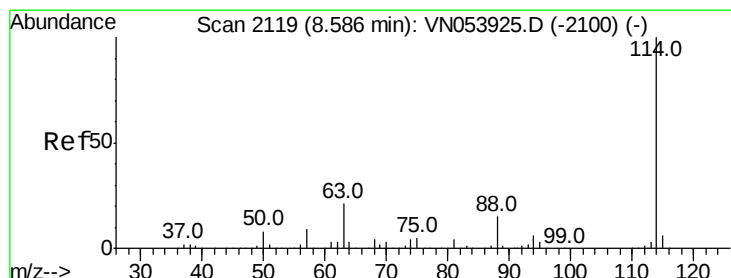
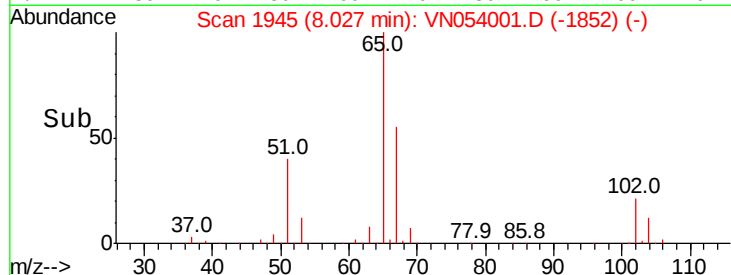
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

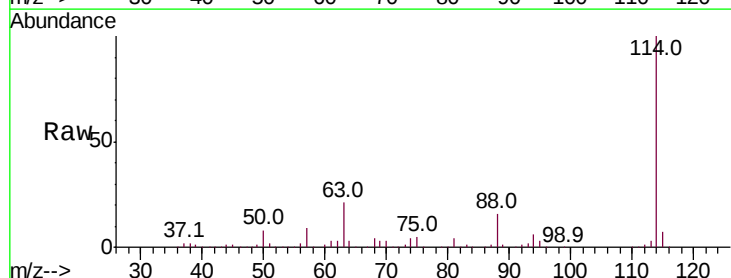
Tgt Ion:114 Resp: 1104707

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053925.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053925.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053925.D (-2100) (-)

8.59

600000

500000

400000

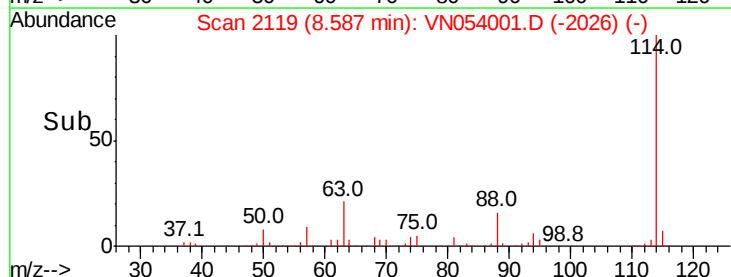
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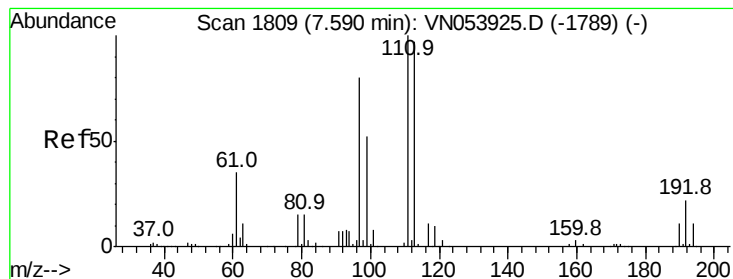
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.619 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :

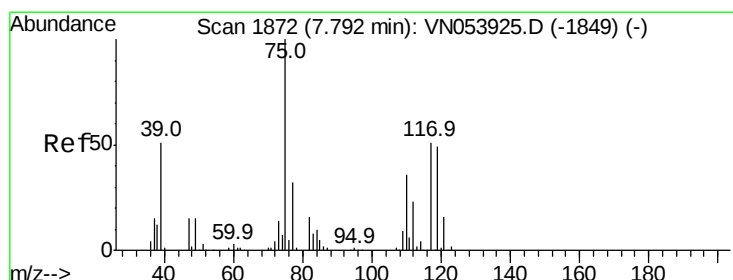
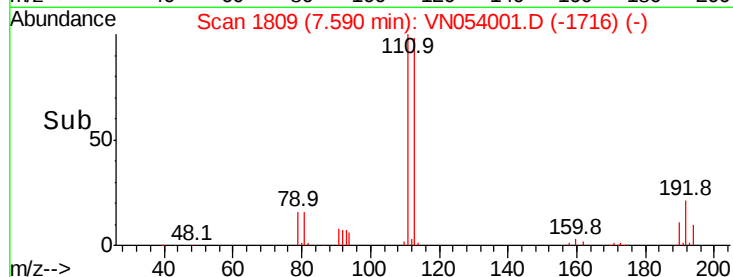
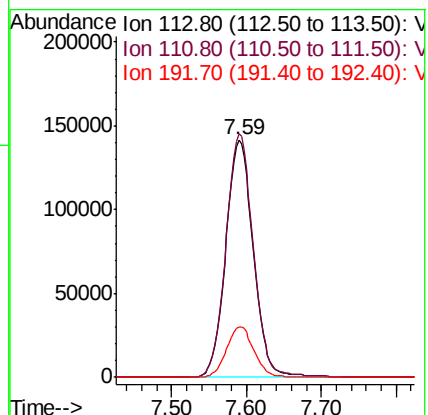
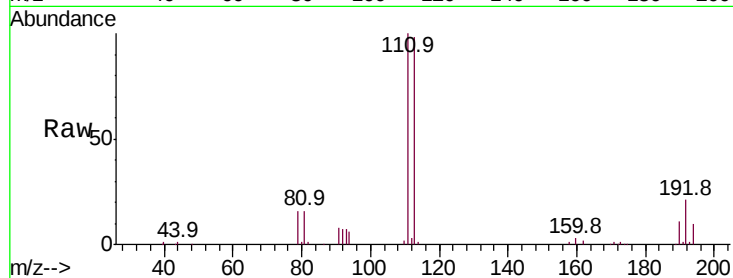
Tot Ion:113 Resp: 361609

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

192 21.1 18.8 28.2



#36

1,1-Dichloropropene

Concen: 4.120 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

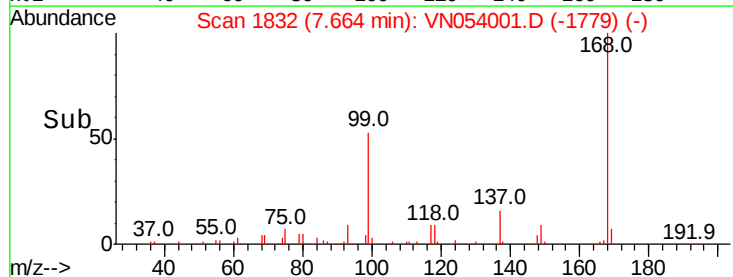
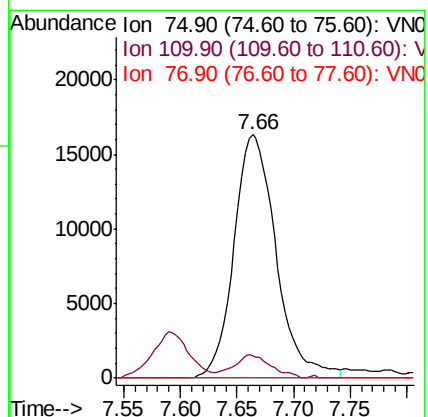
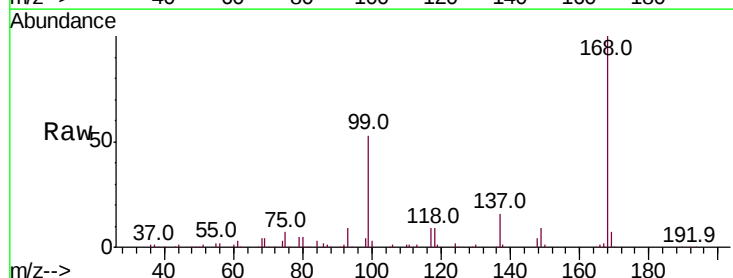
Tgt Ion: 75 Resp: 42325

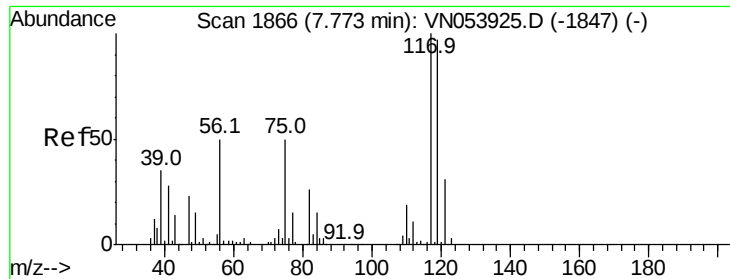
Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 5.022 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :

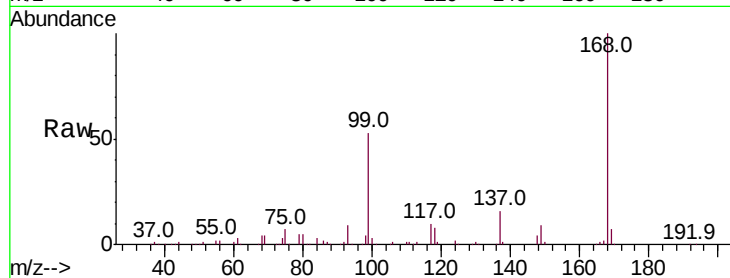
Tot Ion:117 Resp: 53660

Ion Ratio Lower Upper

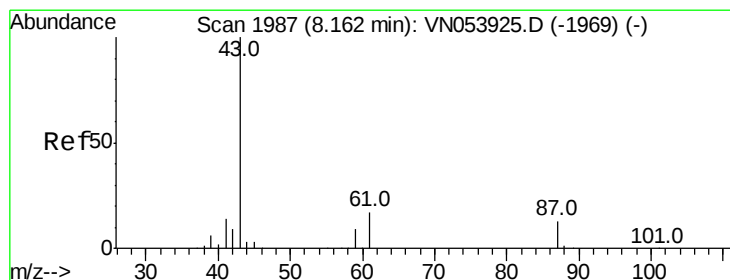
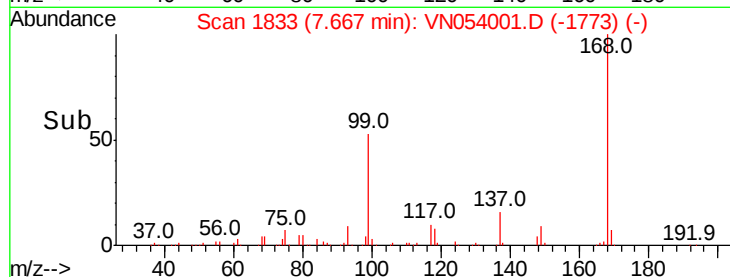
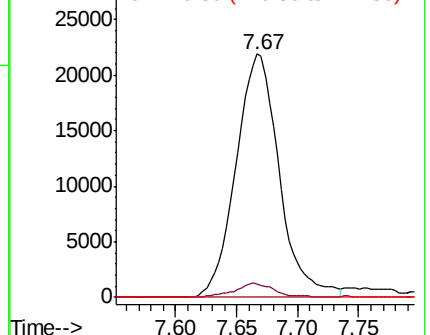
117 100

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: 3.420 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

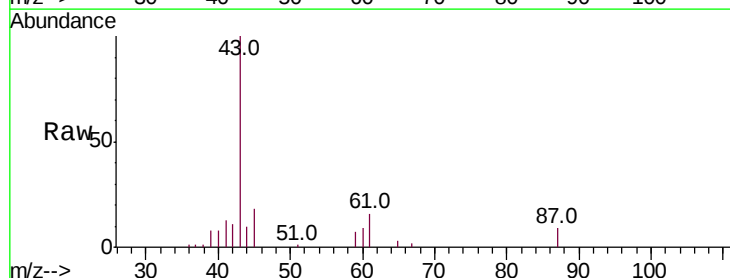
Tgt Ion: 43 Resp: 42358

Ion Ratio Lower Upper

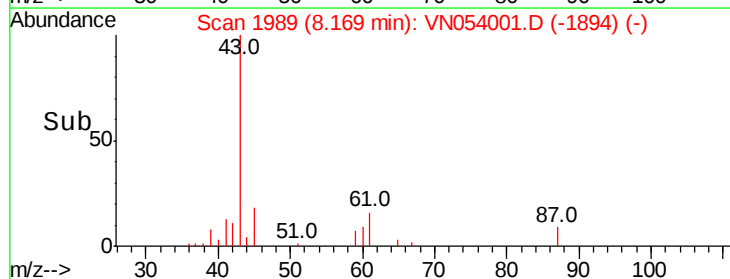
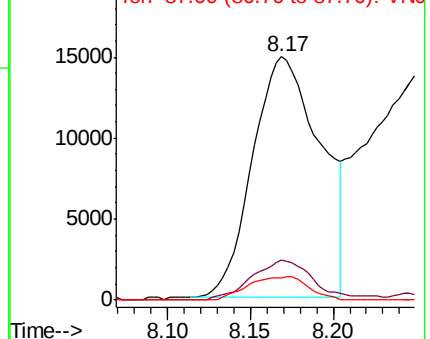
43 100

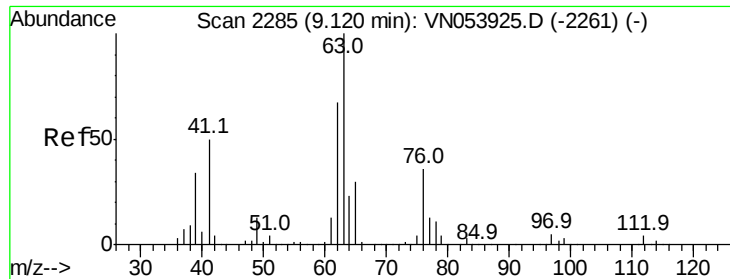
61 14.9 17.4 26.0#

87 8.6 11.5 17.3#



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





#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

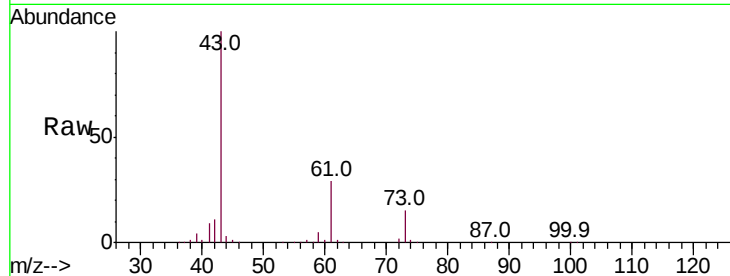
ClientSampled :

Tot Ion: 63 Resp: 1916

Ion Ratio Lower Upper

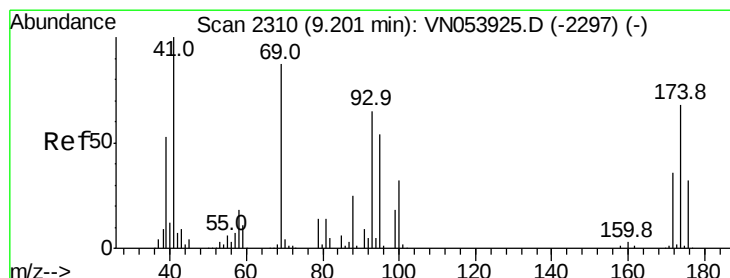
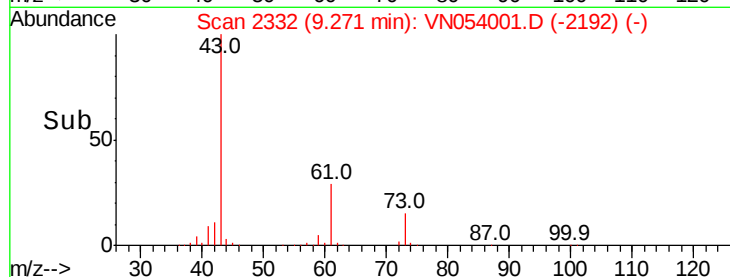
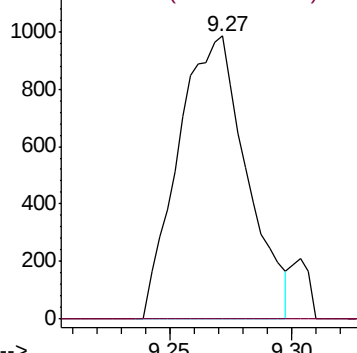
63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 2.571 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

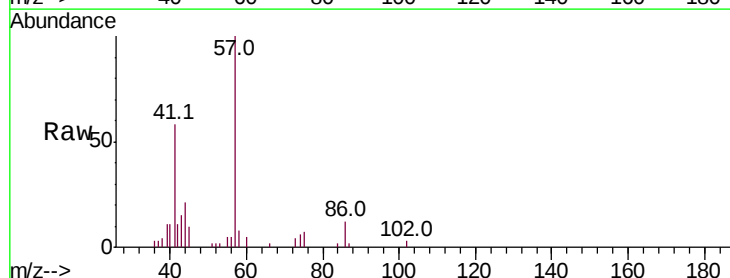
Tgt Ion: 41 Resp: 14649

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

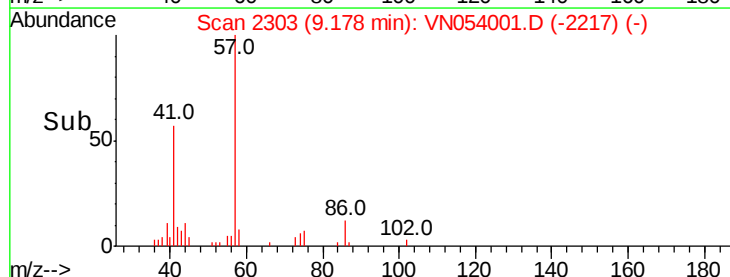
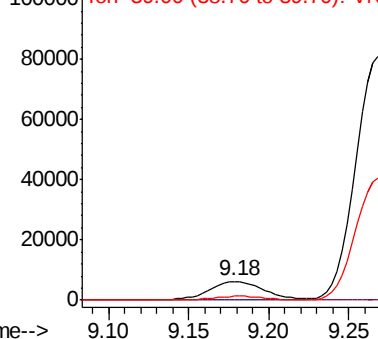
39 19.7 39.0 58.6#

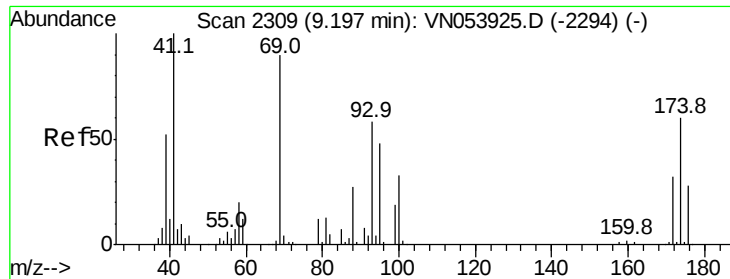


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 0.402 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :

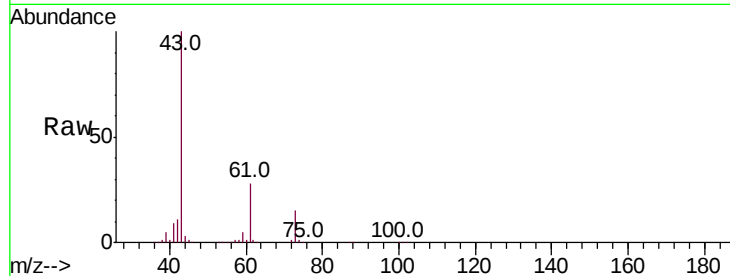
Tot Ion: 88 Resp: 31

Ion Ratio Lower Upper

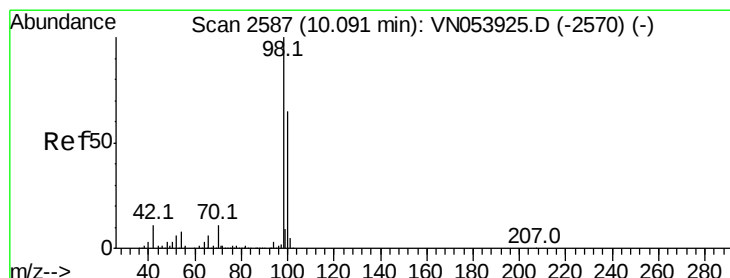
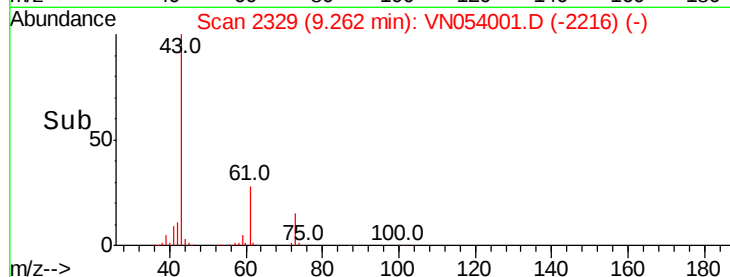
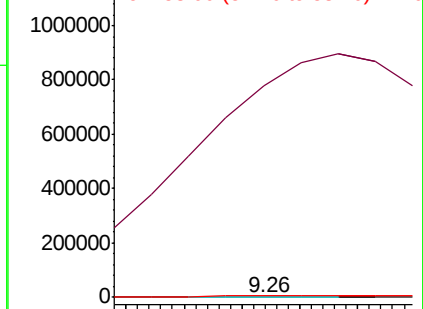
88 100

43 5843329.0 21.2 31.8#

58 30277.4 54.2 81.2#



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



#50

Toluene-d8

Concen: 53.244 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054001.D

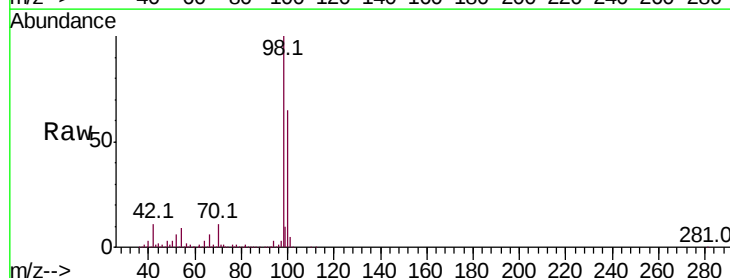
Acq: 28 Feb 2019 13:53

Tgt Ion: 98 Resp: 1415898

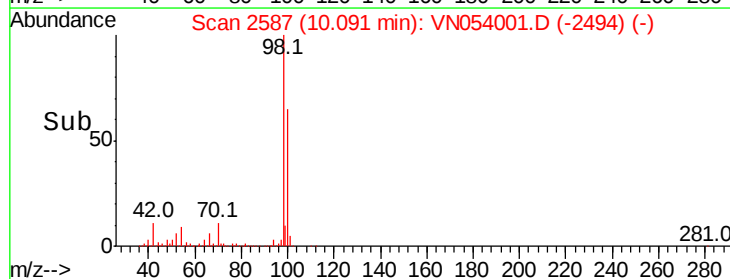
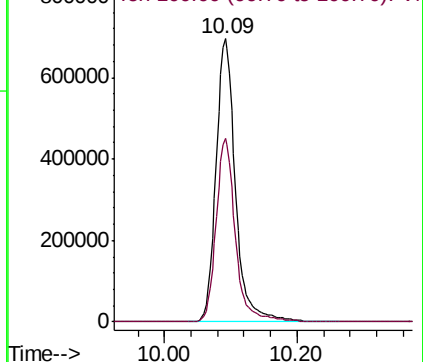
Ion Ratio Lower Upper

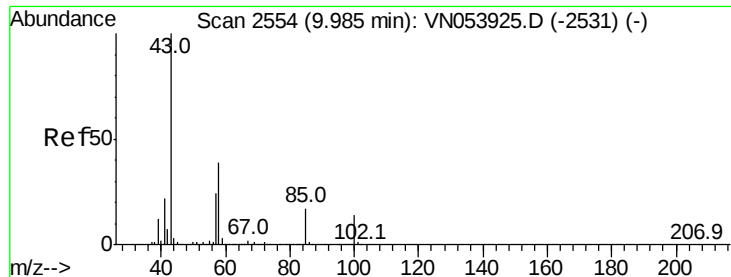
98 100

100 64.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 1.726 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

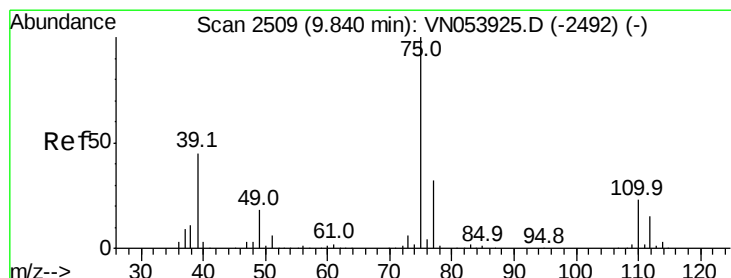
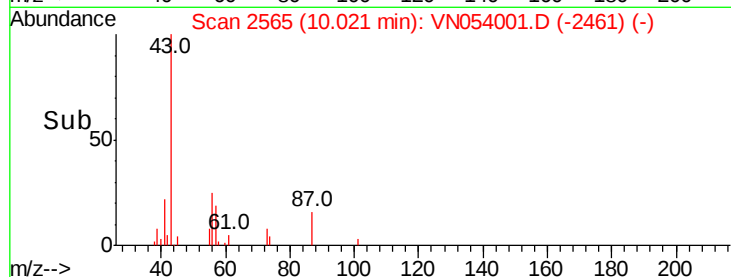
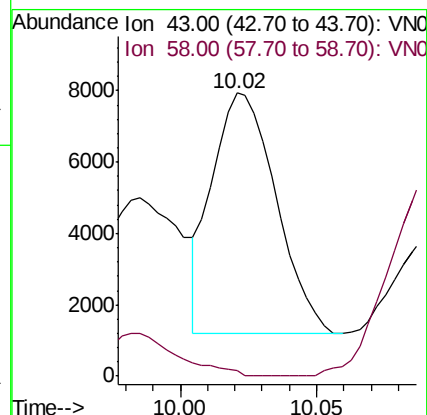
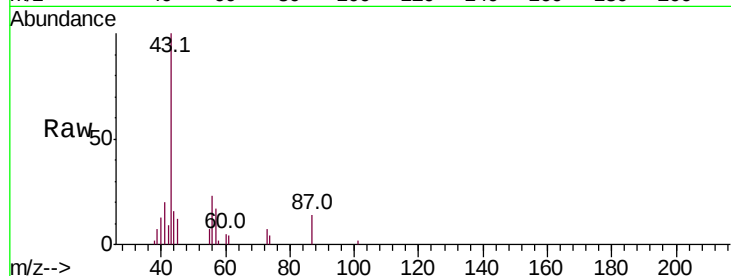
ClientSampled :

Tot Ion: 43 Resp: 10986

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#54

cis-1,3-Dichloropropene

Concen: 6.585 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

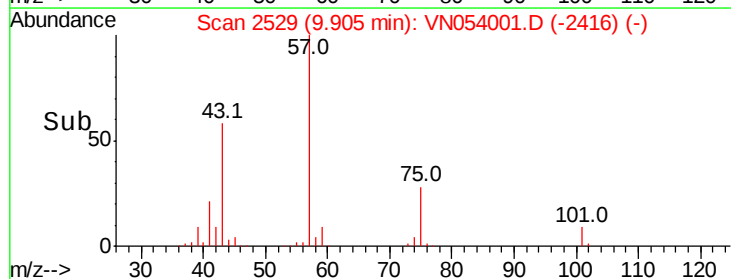
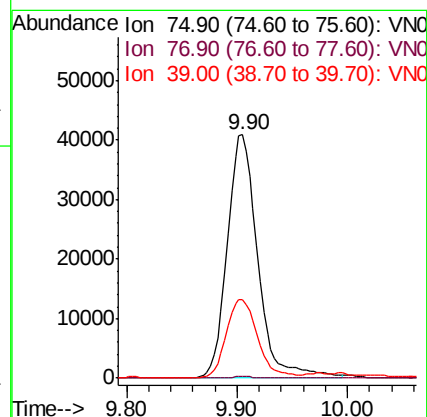
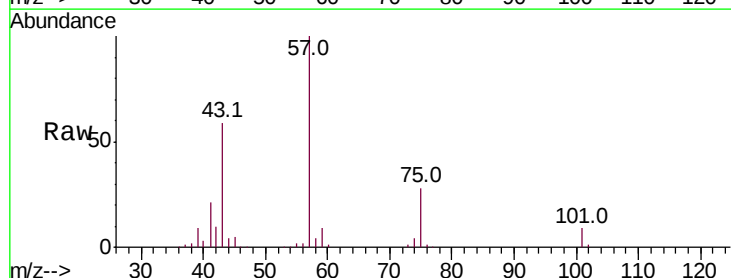
Tgt Ion: 75 Resp: 78692

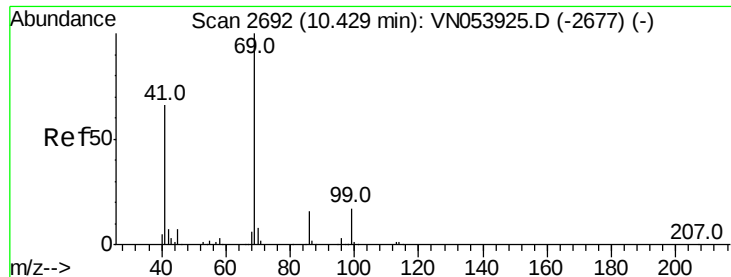
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 32.4 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.146 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

ClientSampled :

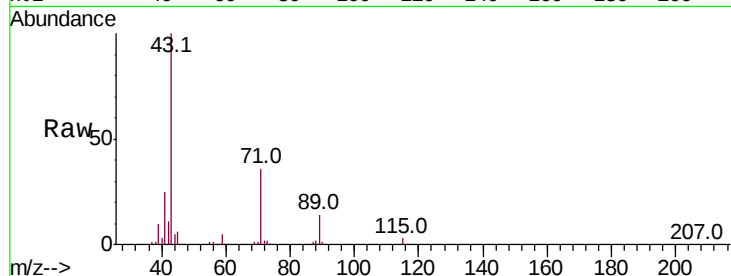
Tot Ion: 69 Resp: 1808

Ion Ratio Lower Upper

69 100

41 3540.7 47.5 71.3#

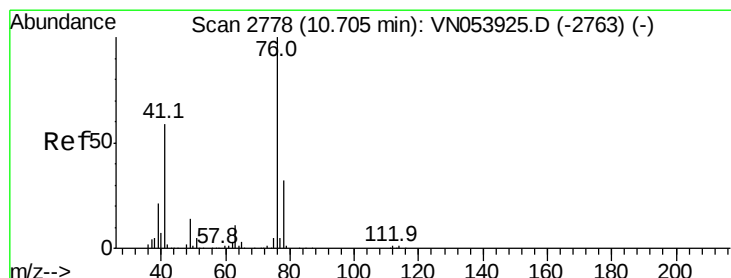
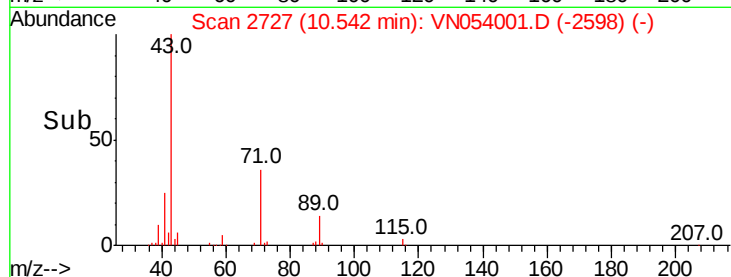
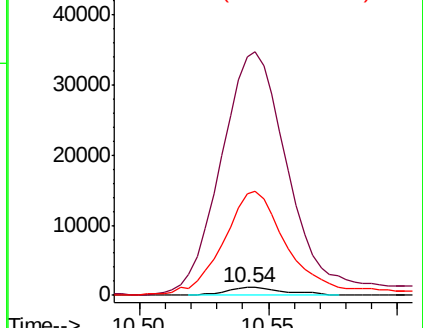
39 1473.0 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.212 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054001.D

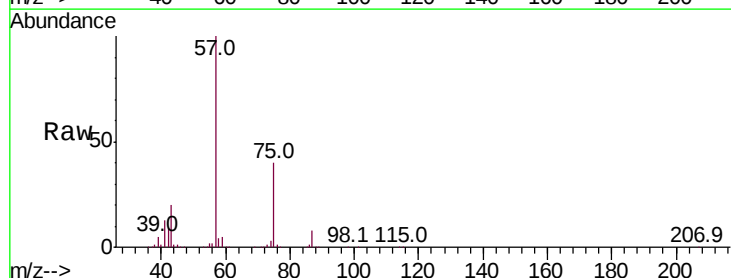
Acq: 28 Feb 2019 13:53

Tgt Ion: 76 Resp: 14213

Ion Ratio Lower Upper

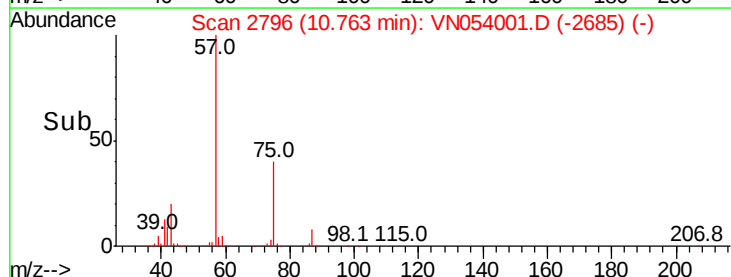
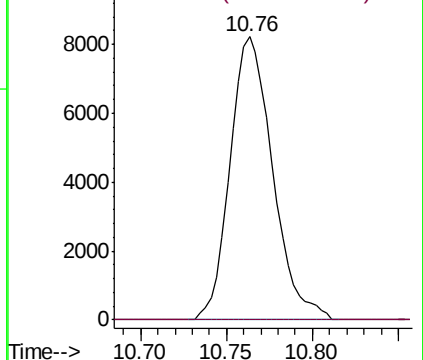
76 100

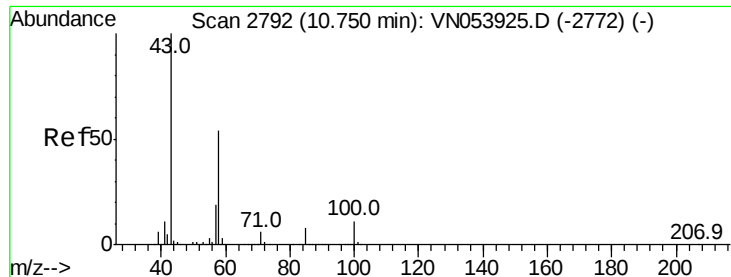
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

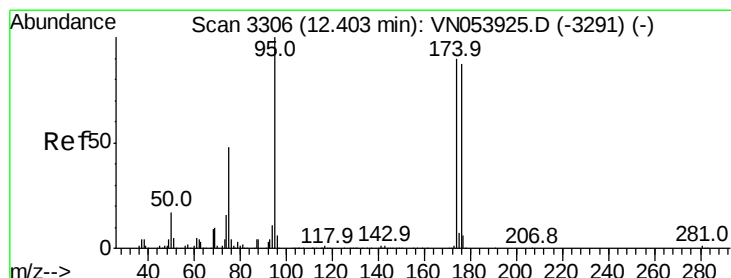
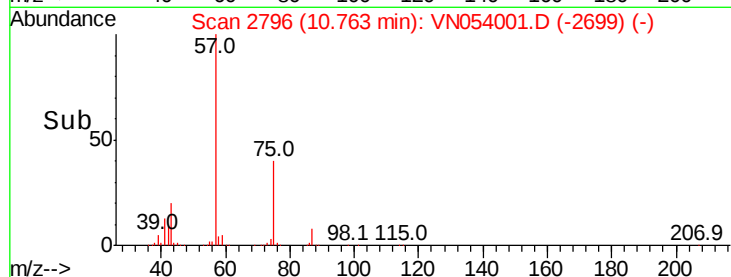
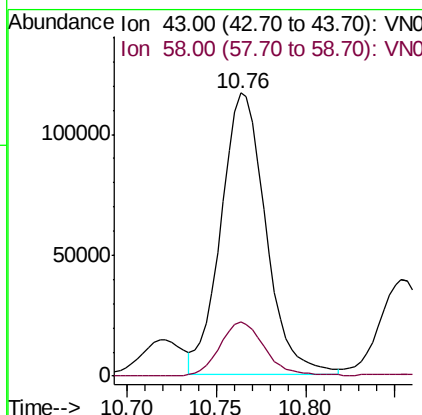
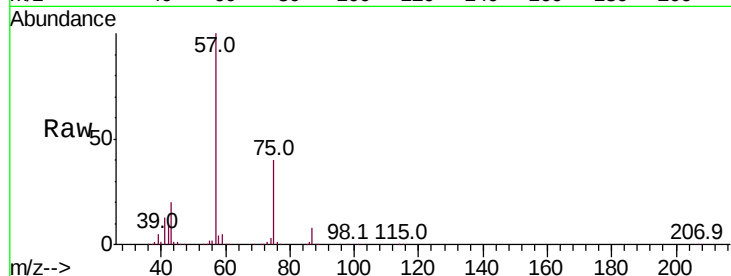




#59
2-Hexanone
Concen: 49.499 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054001.D
Acq: 28 Feb 2019 13:53

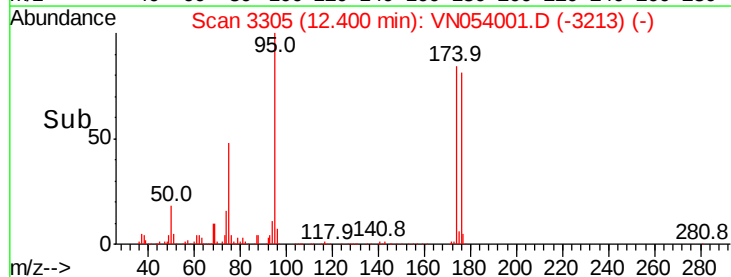
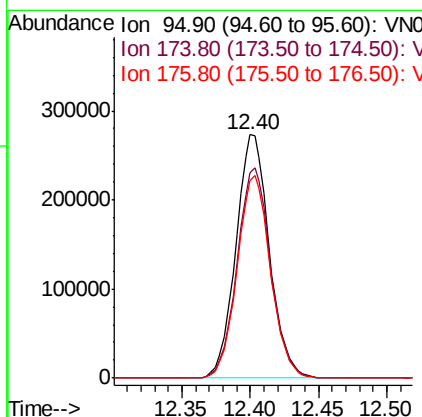
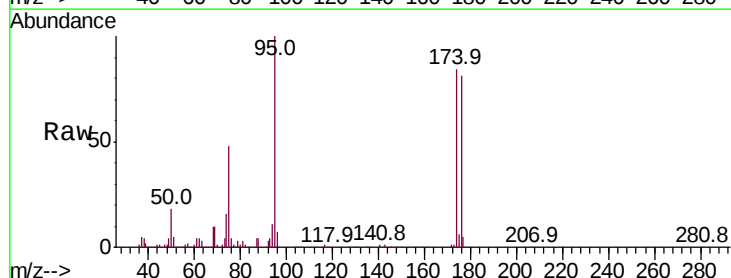
Instrument :
MSVOA_N
ClientSampled :

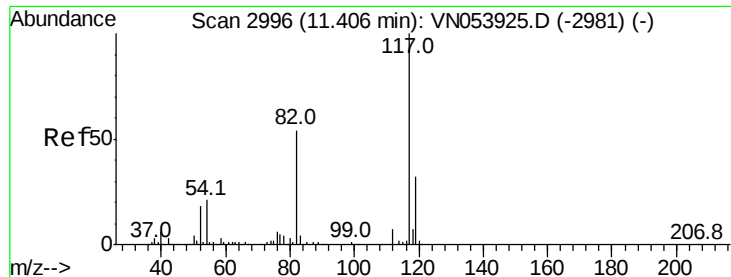
Tot Ion: 43 Resp: 204896
Ion Ratio Lower Upper
43 100
58 19.6 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.282 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054001.D
Acq: 28 Feb 2019 13:53

Tgt Ion: 95 Resp: 463219
Ion Ratio Lower Upper
95 100
174 86.7 0.0 188.8
176 83.1 0.0 182.6

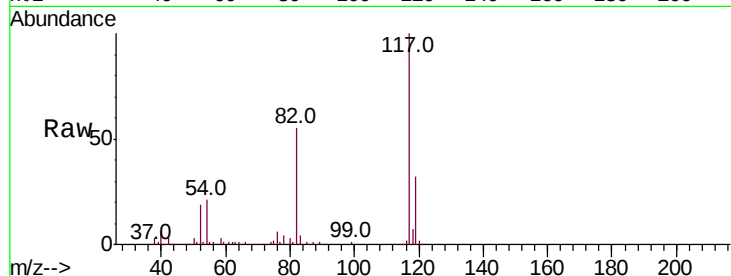




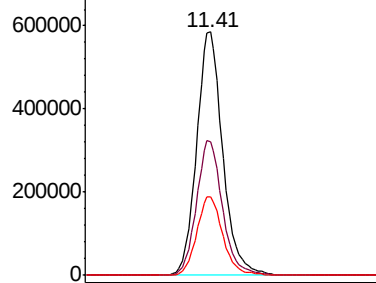
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054001.D
Acq: 28 Feb 2019 13:53

Instrument :
MSVOA_N
ClientSampled :

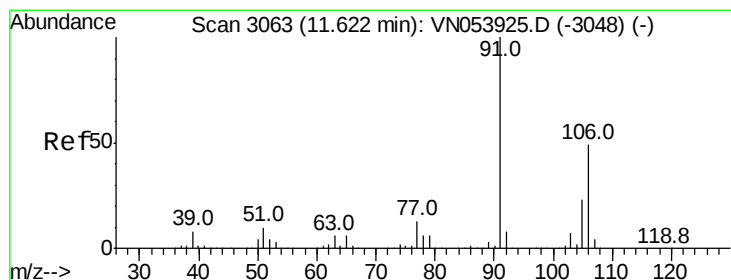
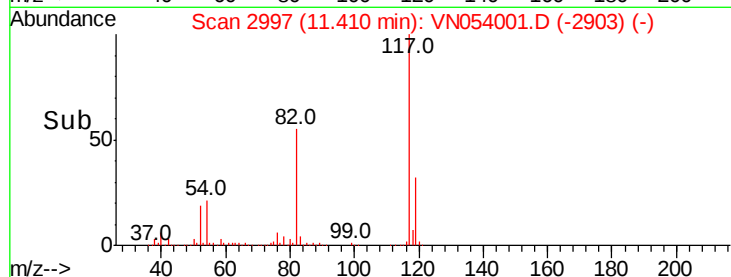
Tot Ion:117 Resp: 1082004
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 32.3 25.3 37.9



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

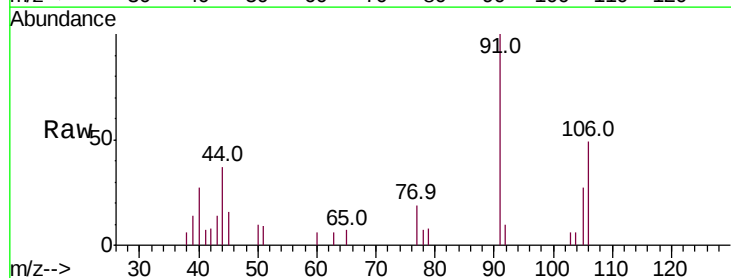


Time--> 11.30 11.40 11.50

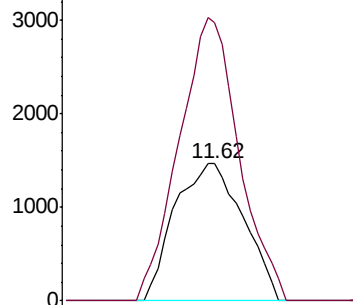


#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054001.D
Acq: 28 Feb 2019 13:53

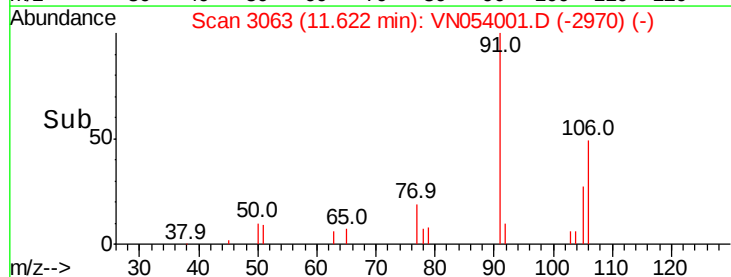
Tgt Ion:106 Resp: 3151
Ion Ratio Lower Upper
106 100
91 181.5 158.9 238.3

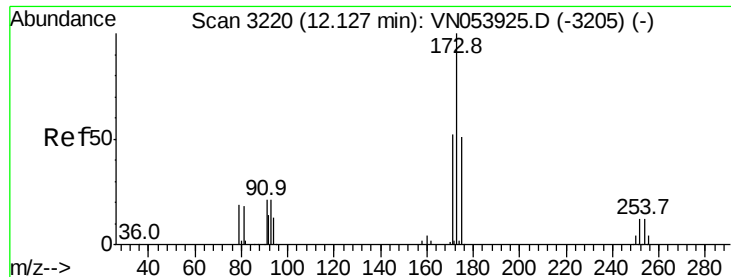


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN



Time--> 11.60 11.65





#71

Bromoform

Concen: 0.678 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

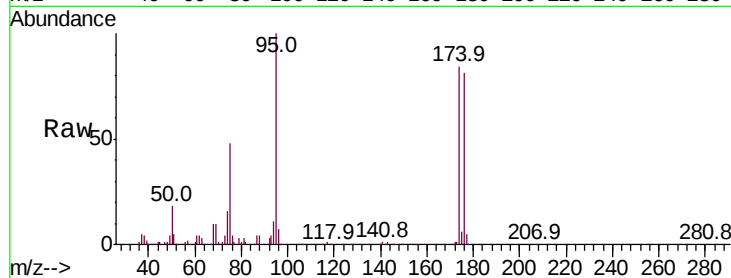
Tot Ion:173 Resp: 3881

Ion Ratio Lower Upper

173 100

175 654.1 24.3 72.8#

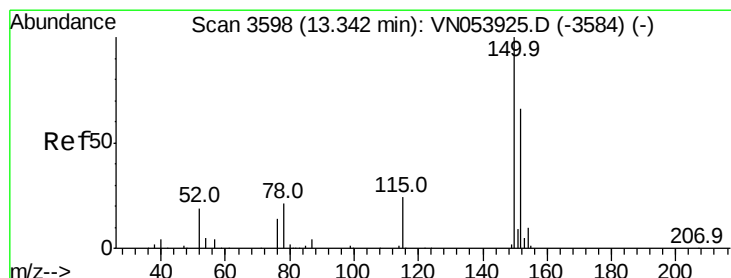
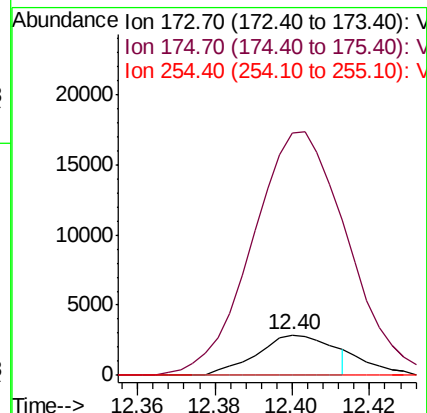
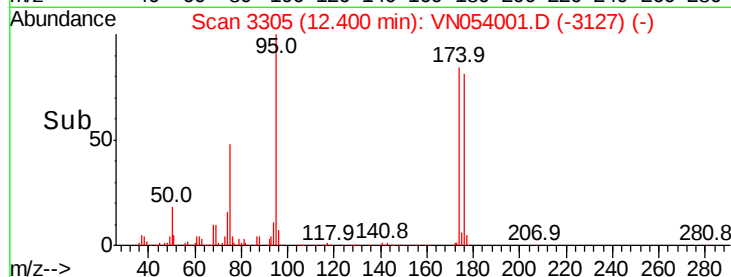
254 0.0 0.2 0.2#



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: VN054001.D

Acq: 28 Feb 2019 13:53

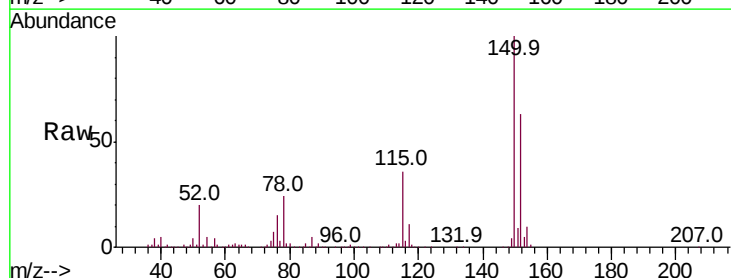
Tgt Ion:152 Resp: 384352

Ion Ratio Lower Upper

152 100

115 57.4 27.2 81.6

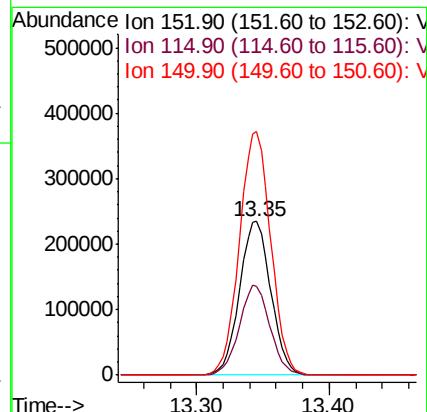
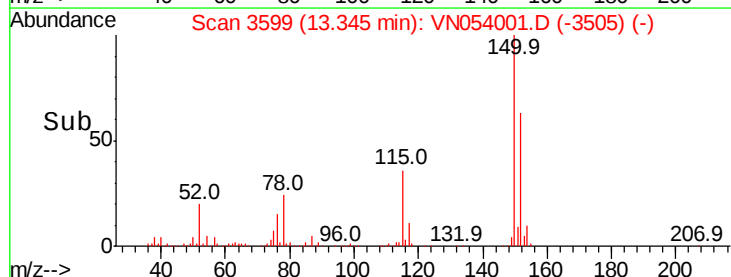
150 158.5 0.0 348.2

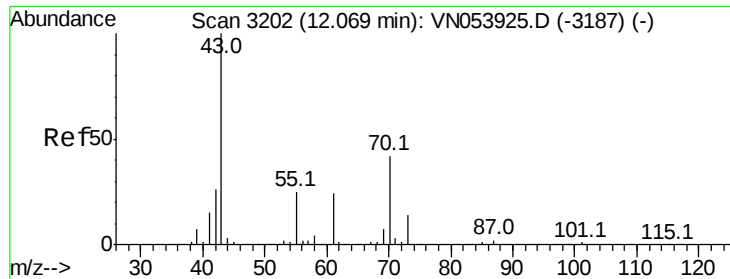


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.506 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 19650

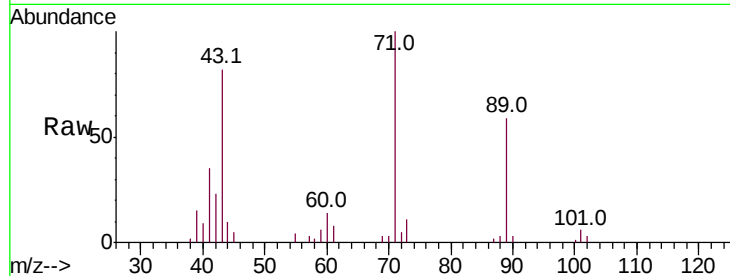
Ion Ratio Lower Upper

43 100

70 2.7 37.4 56.2#

55 5.0 21.4 32.0#

61 10.0 20.9 31.3#

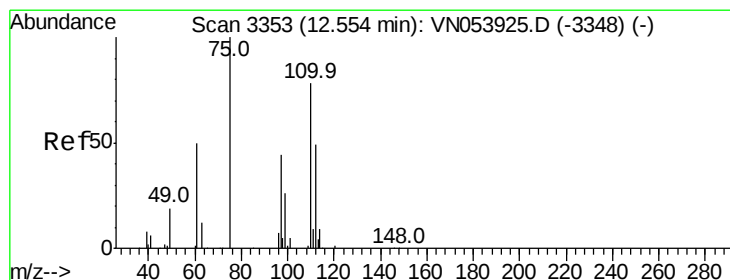
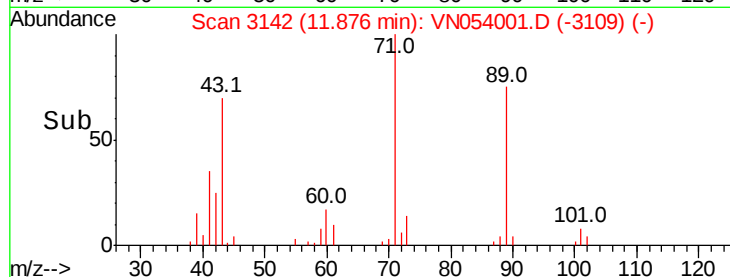
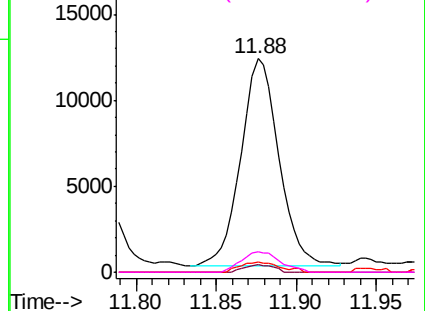


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 36.428 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054001.D

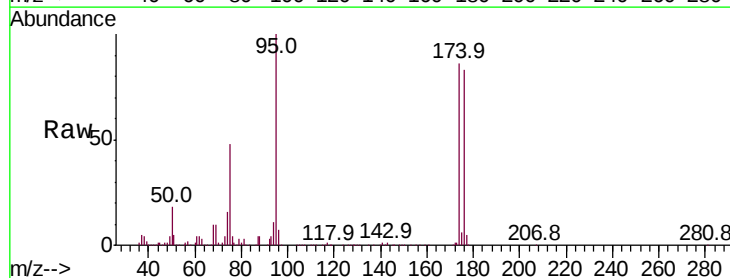
Acq: 28 Feb 2019 13:53

Tgt Ion: 75 Resp: 224606

Ion Ratio Lower Upper

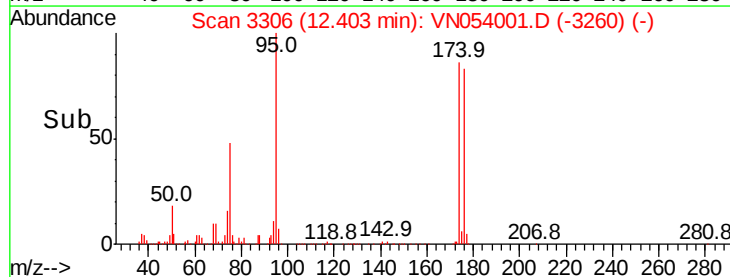
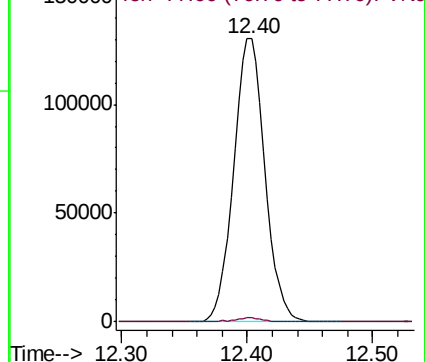
75 100

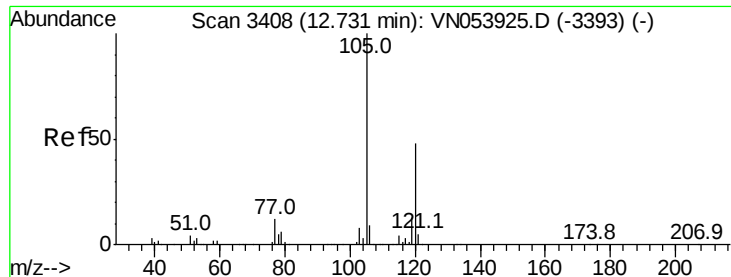
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.333 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

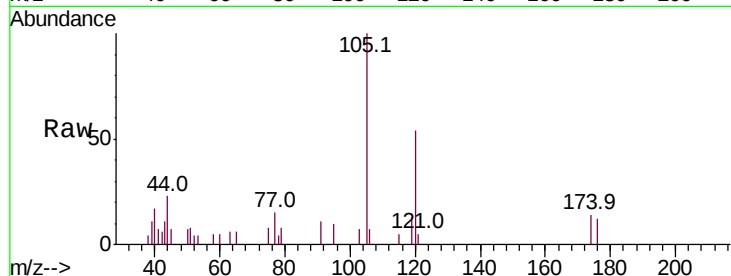
ClientSampled :

Tot Ion:105 Resp: 8164

Ion Ratio Lower Upper

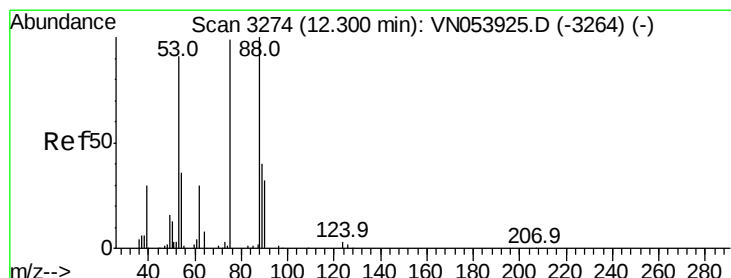
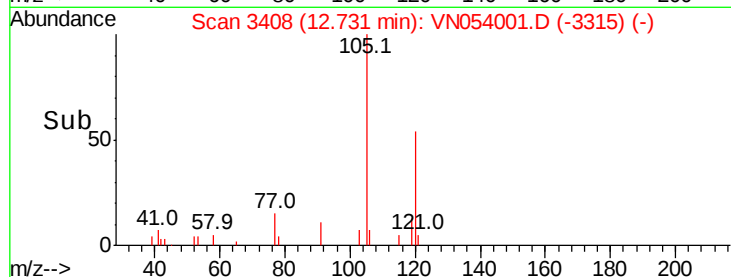
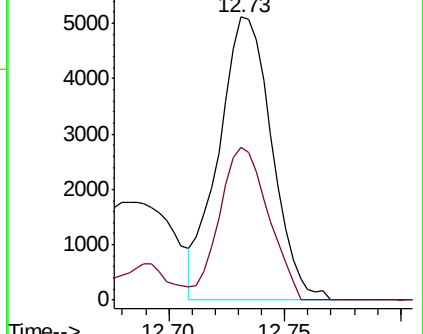
105 100

120 49.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 115.136 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

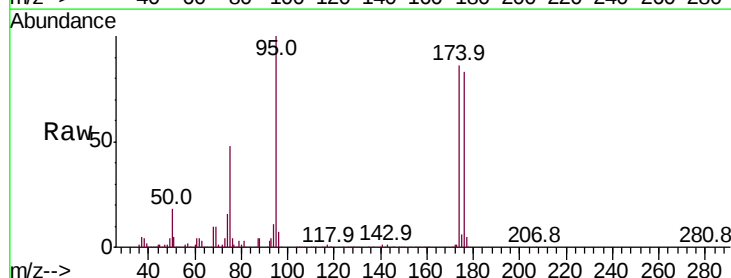
Tgt Ion: 75 Resp: 224606

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

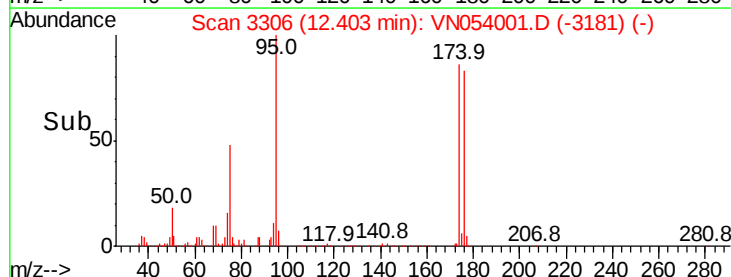
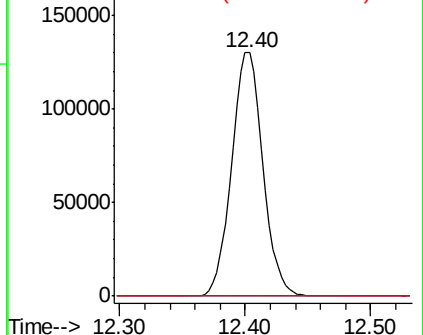
89 0.0 35.3 52.9#

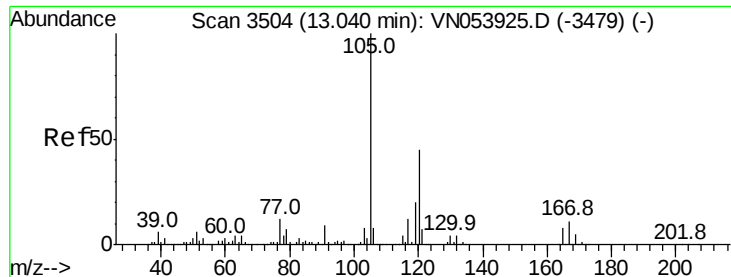


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.537 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

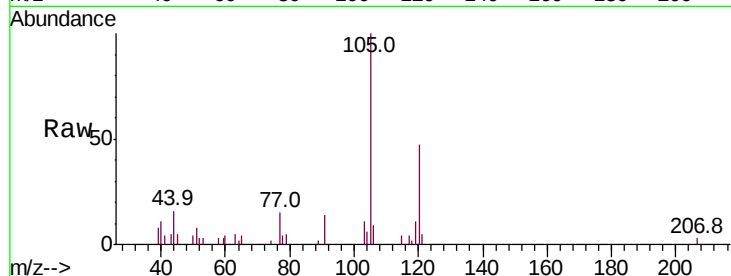
ClientSampleId :

Tot Ion:105 Resp: 13141

Ion Ratio Lower Upper

105 100

120 43.9 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

8000

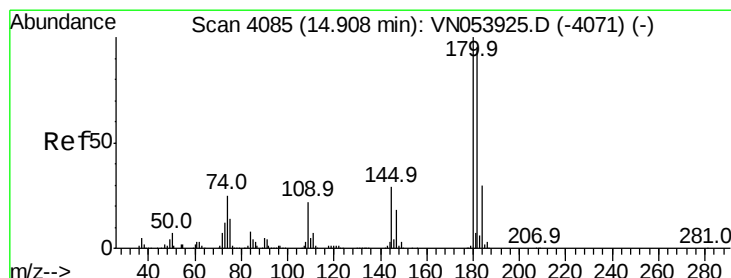
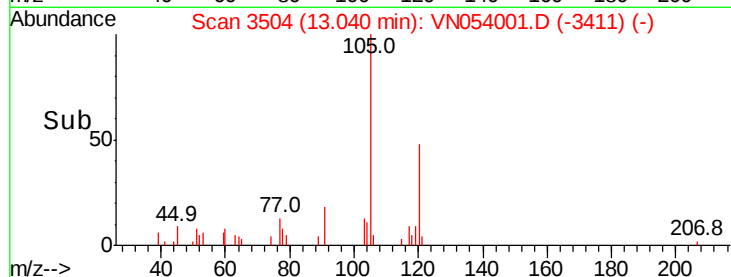
6000

4000

2000

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.261 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

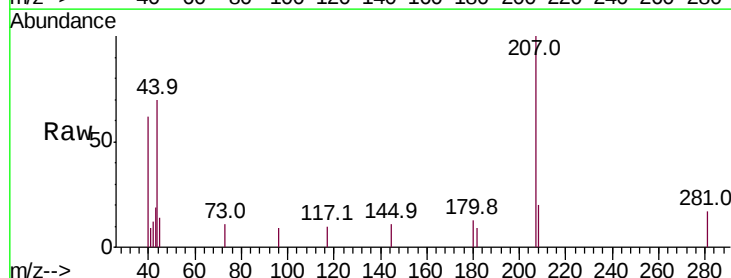
Tgt Ion:180 Resp: 282

Ion Ratio Lower Upper

180 100

182 22.0 48.6 145.9#

145 175.5 13.8 41.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

400

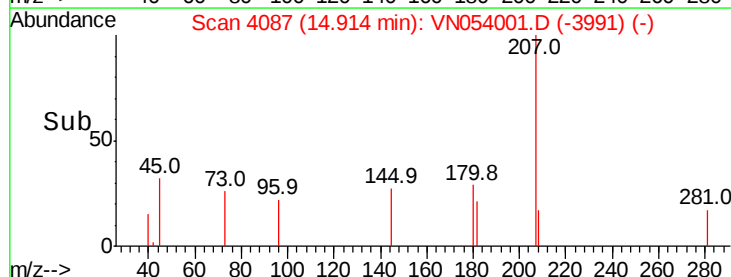
300

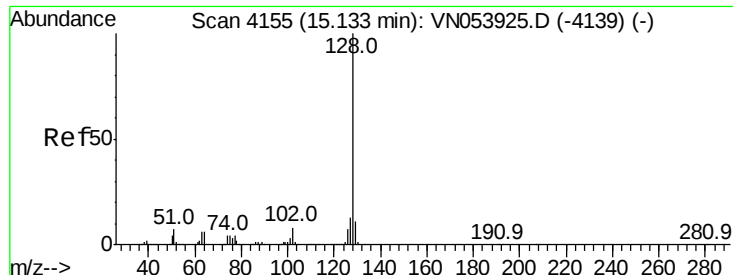
200

100

0

Time-->





#95

Naphthalene

Concen: 4.326 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054001.D

Acq: 28 Feb 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

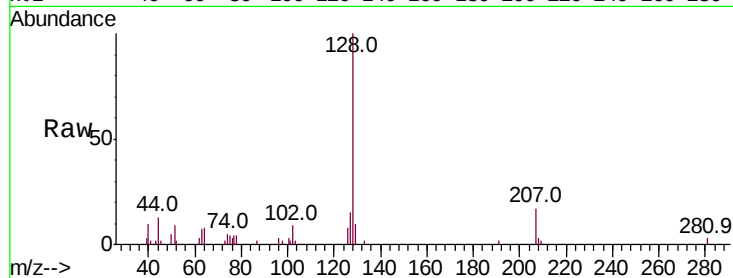
Tot Ion:128 Resp: 18122

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 10.4 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

