

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053083.D
 Acq On : 21 Dec 2018 3:56
 Operator : MD\SY
 Sample : J6519-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 07:11:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1263661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1928163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1755294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	804073	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	602610	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
35) Dibromofluoromethane	7.59	113	537345	61.01	ug/l	0.00
Spiked Amount			Recovery	=	122.02%	
50) Toluene-d8	10.09	98	2363358	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	822249	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

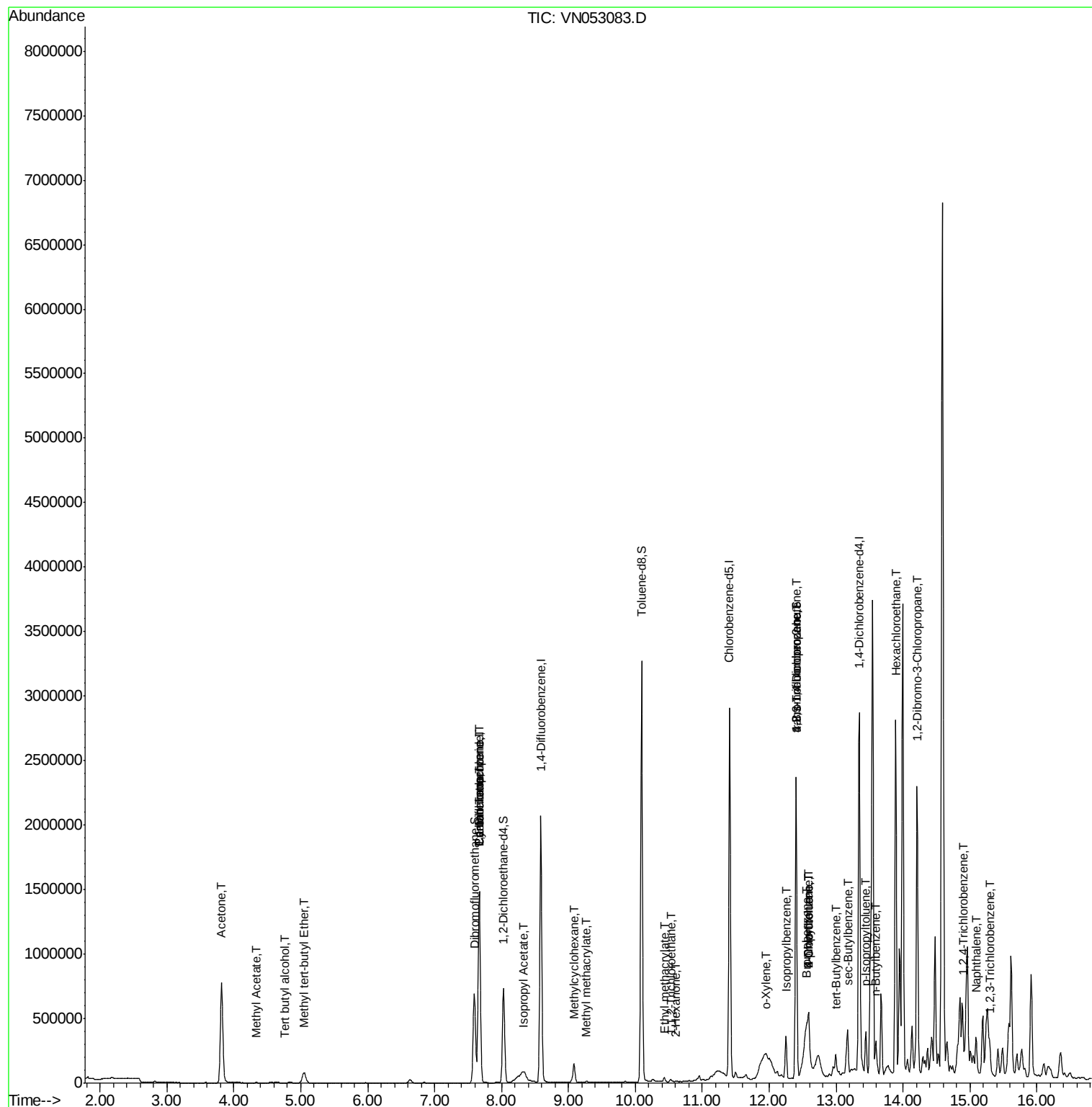
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	374	0.478	ug/l #	74
16) Acetone	3.82	43	1300438	517.209	ug/l	96
18) Methyl Acetate	4.33	43	1500	1.121	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	141855	4.401	ug/l	98
31) Cyclohexane	7.66	56	76255	2.436	ug/l #	69
36) 1,1-Dichloropropene	7.66	75	82256	4.445	ug/l #	50
38) Carbon Tetrachloride	7.67	117	108766	6.412	ug/l #	16
39) Methylcyclohexane	9.08	83	67395	2.998	ug/l	97
43) Isopropyl Acetate	8.34	43	236684	11.024	ug/l #	53
48) Methyl methacrylate	9.27	41	2258	0.225	ug/l #	36
55) 1,1,2-Trichloroethane	10.53	97	6795	0.571	ug/l #	20
56) Ethyl methacrylate	10.44	69	4537	0.288	ug/l #	32
59) 2-Hexanone	10.61	43	3114	0.460	ug/l	74
69) o-Xylene	11.95	106	6832	0.280	ug/l	89
73) Isopropylbenzene	12.25	105	220526	3.505	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	380768	28.131	ug/l #	100
77) Bromobenzene	12.56	156	599450	36.656	ug/l #	1
78) n-propylbenzene	12.59	91	152162	2.124	ug/l	100
79) 2-Chlorotoluene	12.59	91	152162	3.426	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.40	75	380768	90.668	ug/l #	12
82) 4-Chlorotoluene	12.59	91	152162	3.500	ug/l #	40
83) tert-Butylbenzene	12.99	119	73595	1.623	ug/l	99
85) sec-Butylbenzene	13.17	105	238987	3.896	ug/l #	78
86) p-Isopropyltoluene	13.44	119	204420	3.857	ug/l	97
89) n-Butylbenzene	13.60	91	14346	0.315	ug/l #	1
90) Hexachloroethane	13.89	117	141492	17.395	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.21	75	8565	4.013	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	239	0.612	ug/l #	1
95) Naphthalene	15.09	128	4151	1.275	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.32	180	91	0.515	ug/l #	1

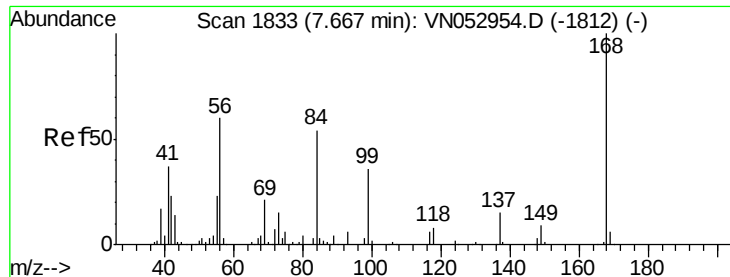
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

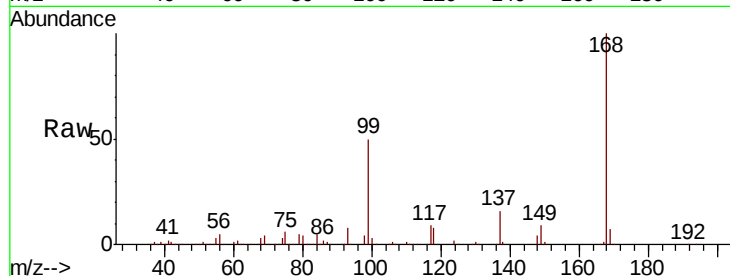
ClientSampled :

Tot Ion:168 Resp: 1263661

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

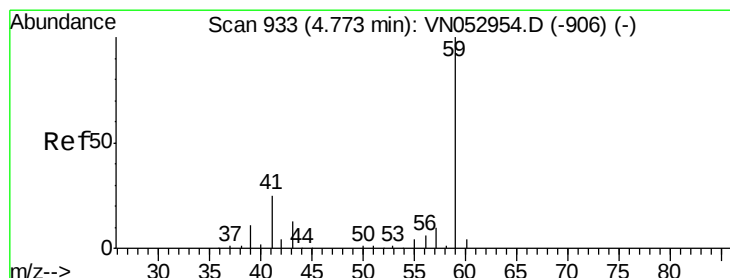
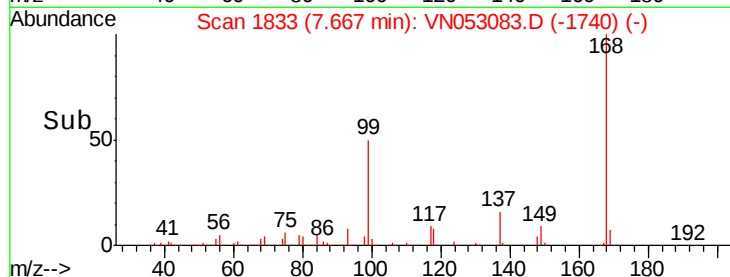
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.478 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.01 min

Lab File: VN053083.D

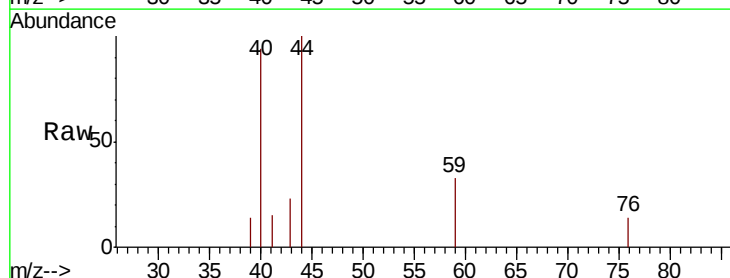
Acq: 21 Dec 2018 3:56

Tgt Ion: 59 Resp: 374

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.76

400

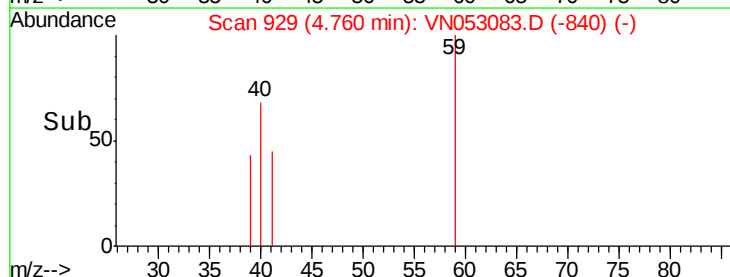
300

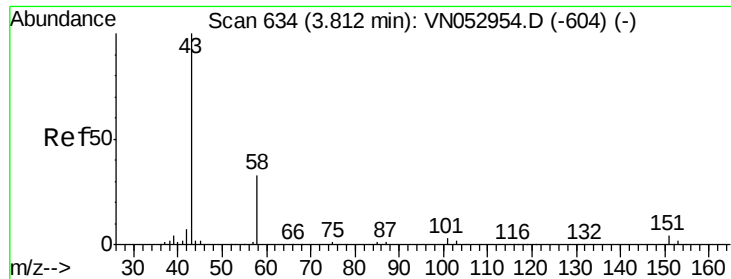
200

100

0

Time-->





#16

Acetone

Concen: 517.209 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

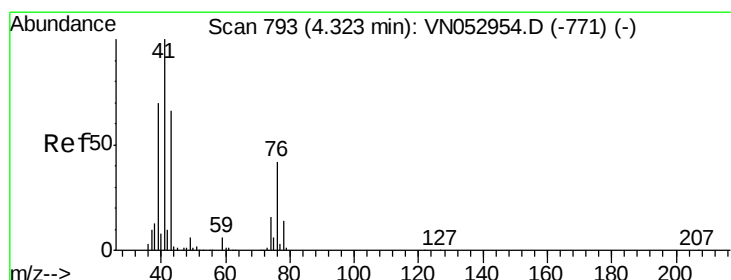
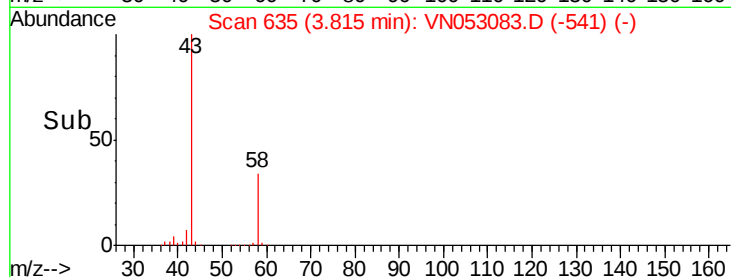
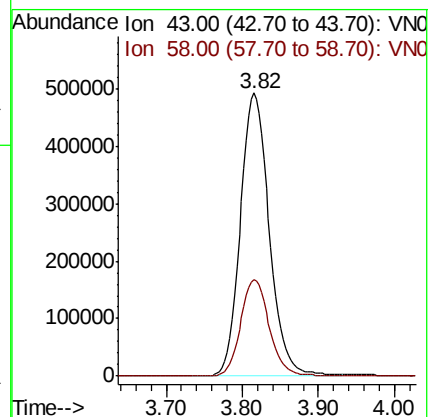
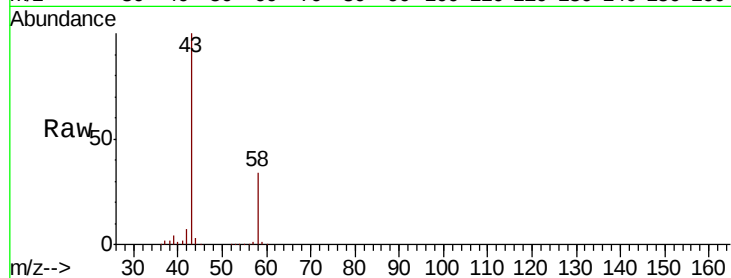
ClientSampled :

Tot Ion: 43 Resp: 1300438

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.0



#18

Methyl Acetate

Concen: 1.121 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053083.D

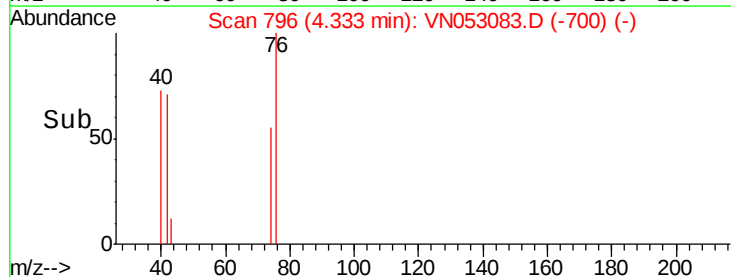
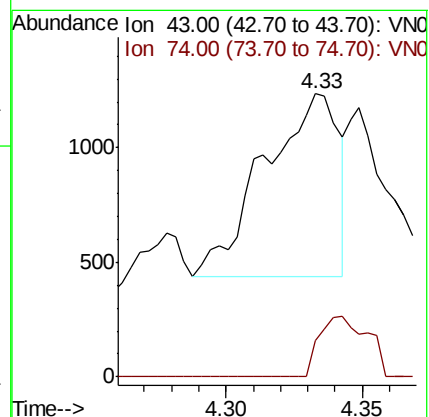
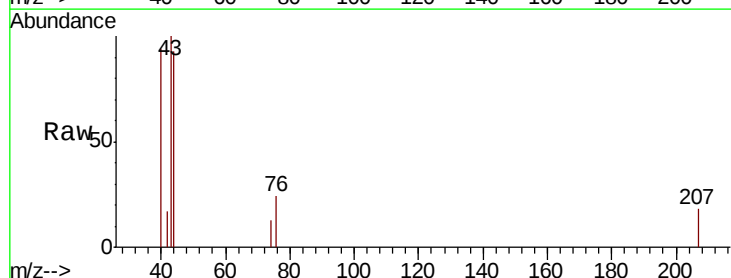
Acq: 21 Dec 2018 3:56

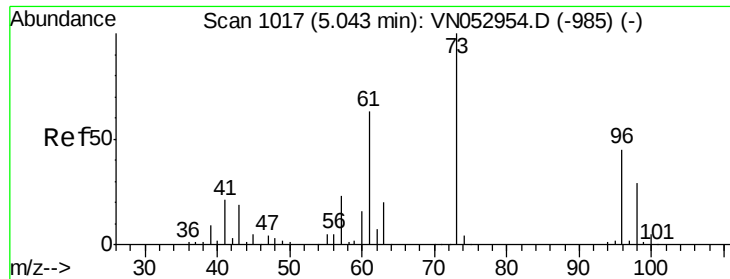
Tgt Ion: 43 Resp: 1500

Ion Ratio Lower Upper

43 100

74 21.4 19.2 28.8

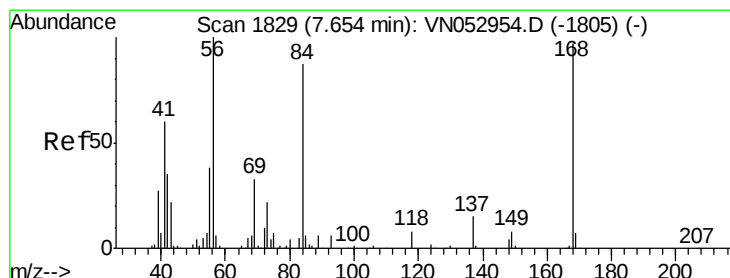
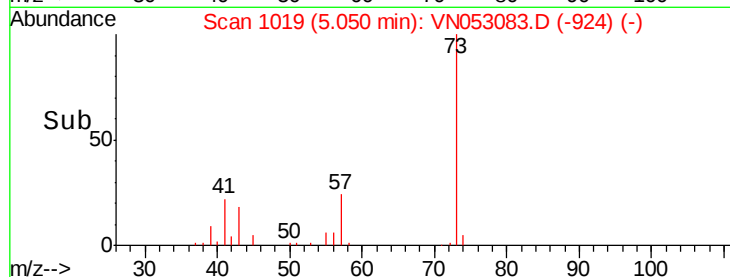
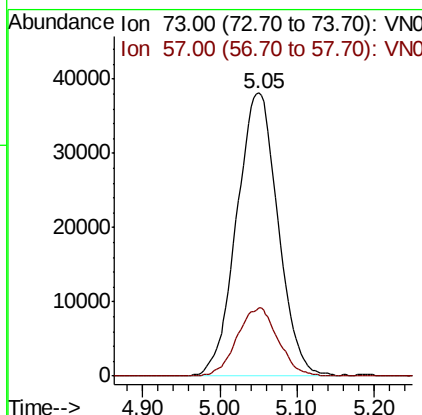
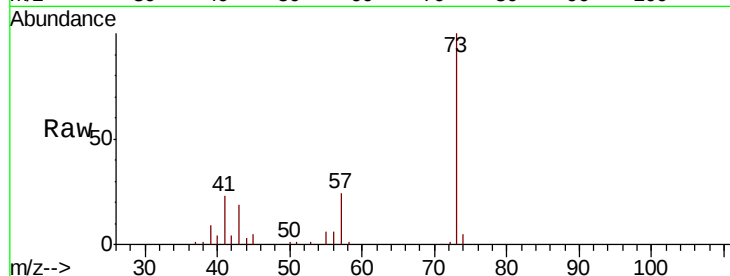




#19
Methvl tert-butvl Ether
Concen: 4.401 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

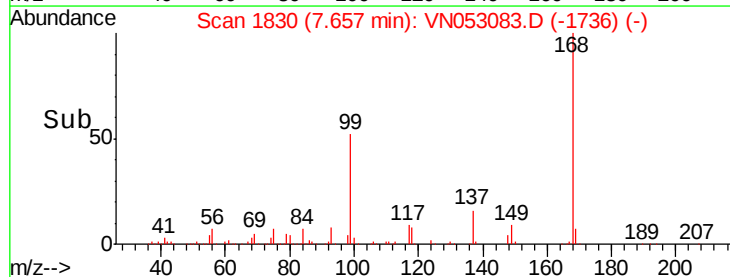
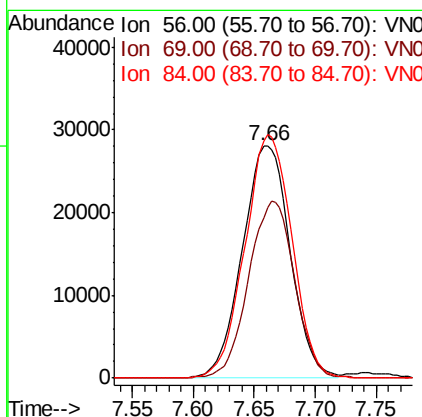
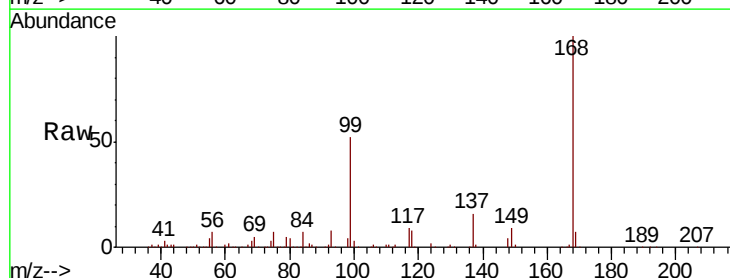
Instrument :
MSVOA_N
ClientSampleId :

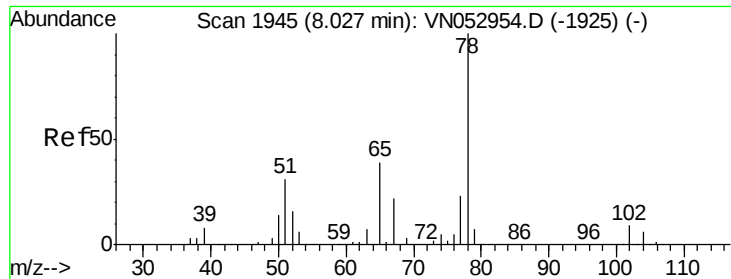
Tot Ion: 73 Resp: 141855
Ion Ratio Lower Upper
73 100
57 23.9 18.4 27.6



#31
Cyclohexane
Concen: 2.436 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 56 Resp: 76255
Ion Ratio Lower Upper
56 100
69 69.1 26.6 39.8#
84 102.0 68.4 102.6

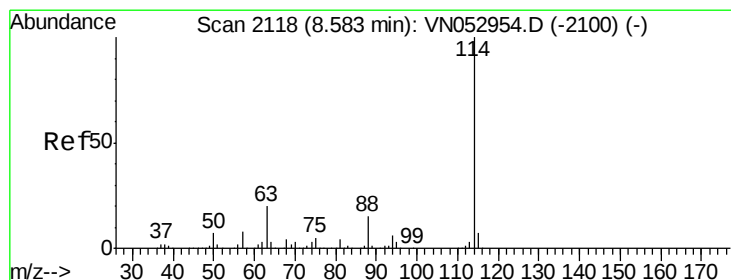
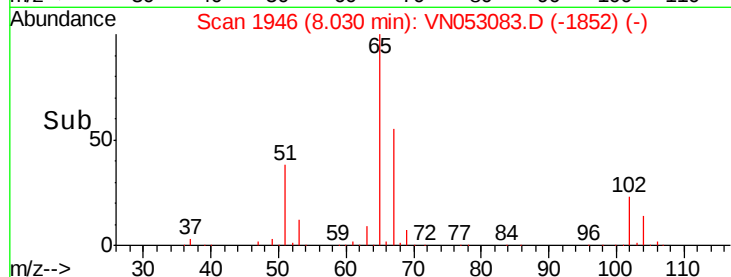
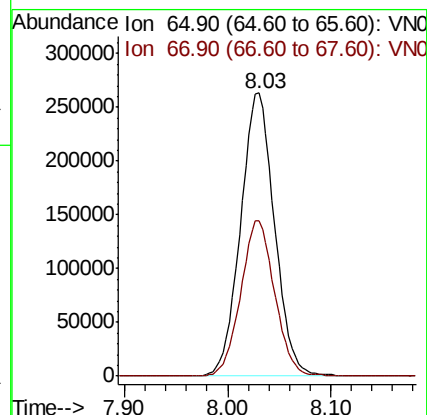
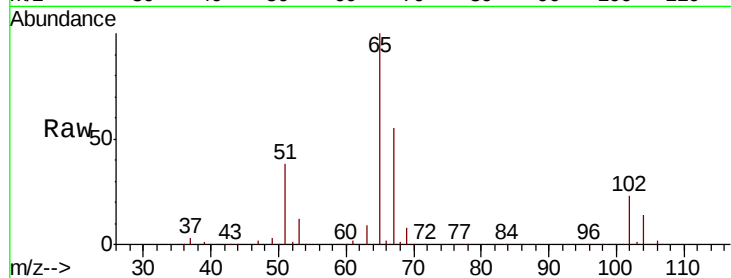




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

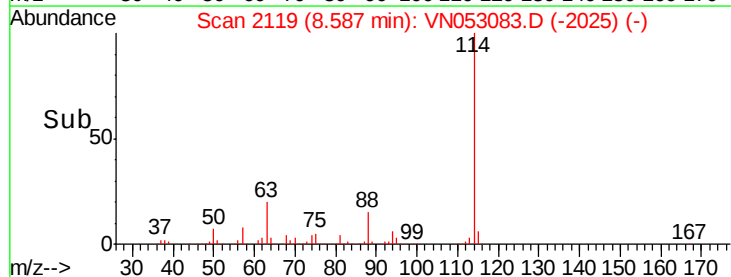
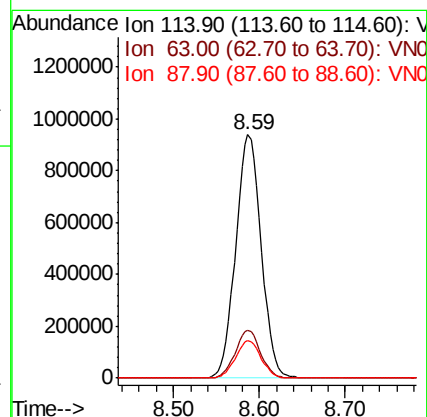
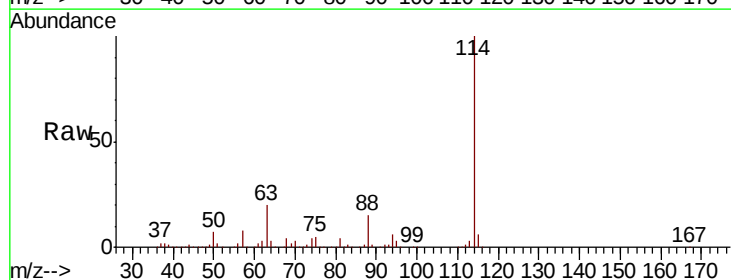
Instrument :
 MSVOA_N
 ClientSampleId :

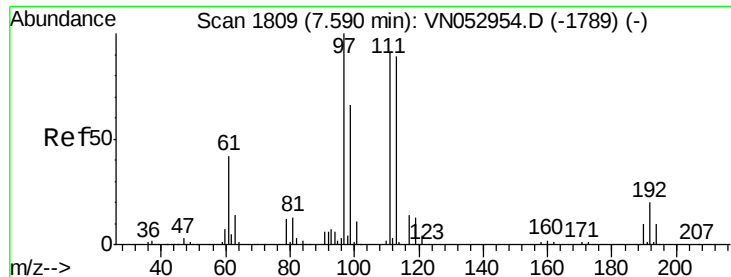
Tot Ion: 65 Resp: 602610
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

Tgt Ion: 114 Resp: 1928163
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.4 0.0 31.0

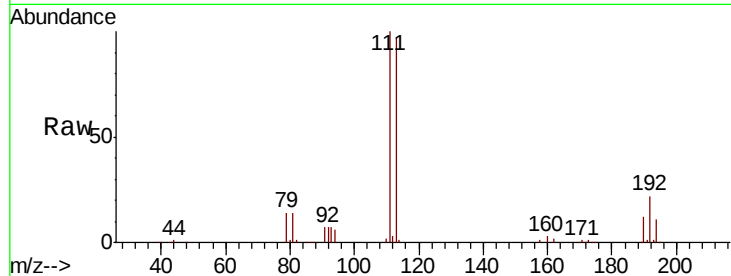




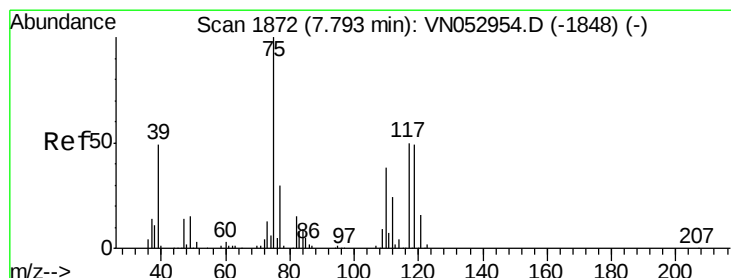
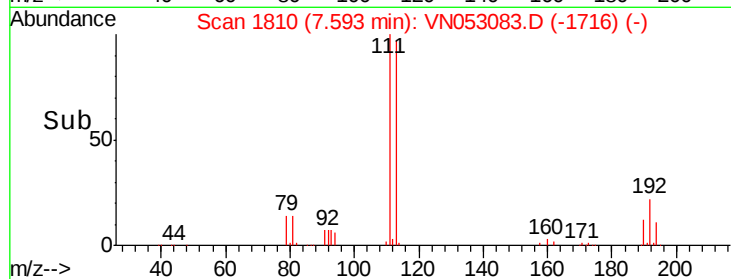
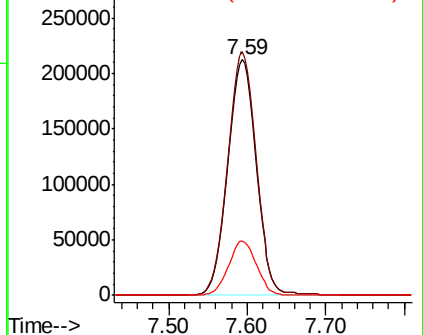
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	22.6	17.5	26.3

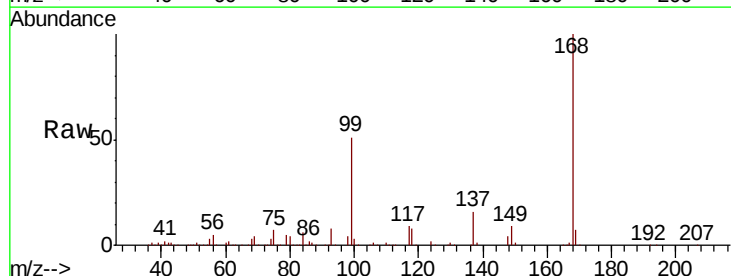


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

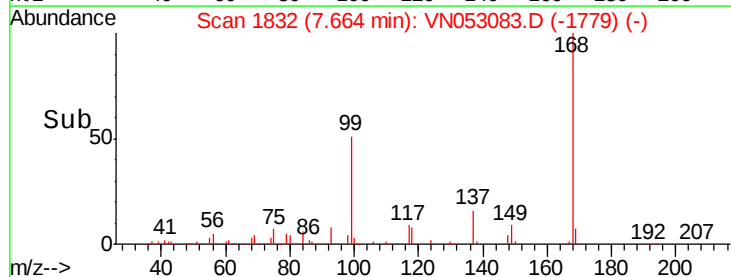
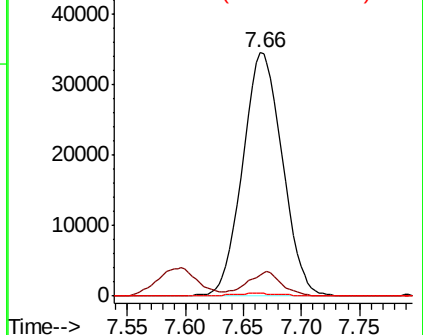


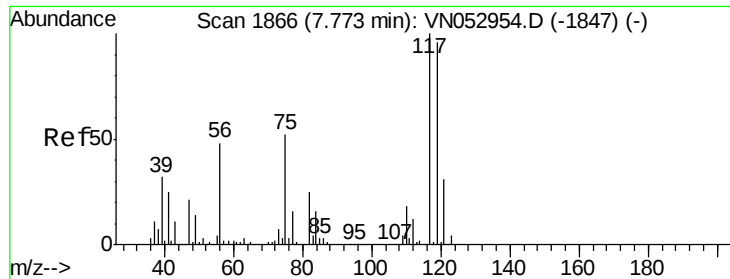
#36
 1,1-Dichloropropene
 Concen: 4.445 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	1.2	24.9	37.3#



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





#38

Carbon Tetrachloride

Concen: 6.412 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

ClientSampleId :

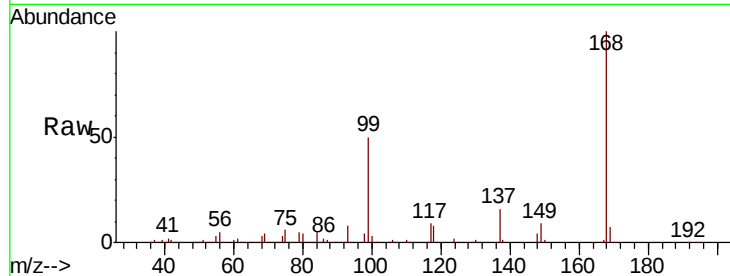
Tot Ion:117 Resp: 108766

Ion Ratio Lower Upper

117 100

119 4.9 77.1 115.7#

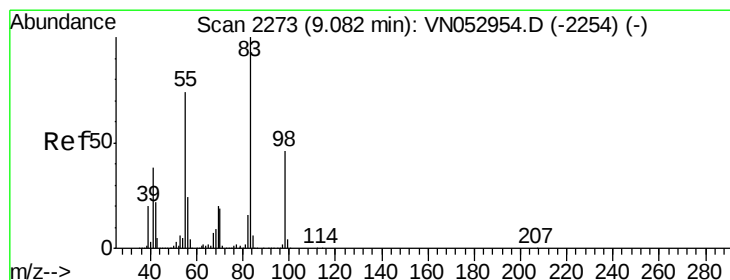
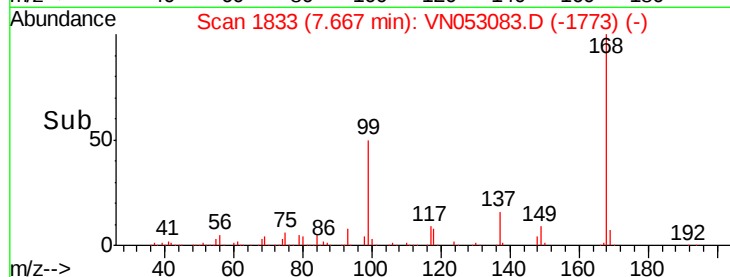
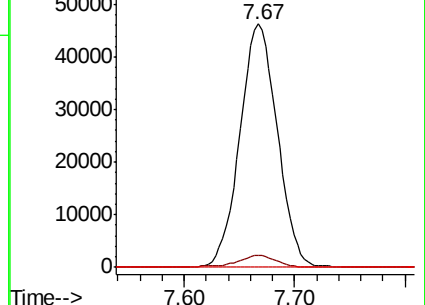
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.998 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

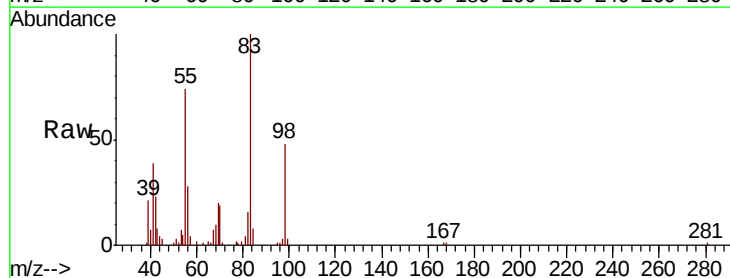
Tgt Ion: 83 Resp: 67395

Ion Ratio Lower Upper

83 100

55 73.3 61.3 91.9

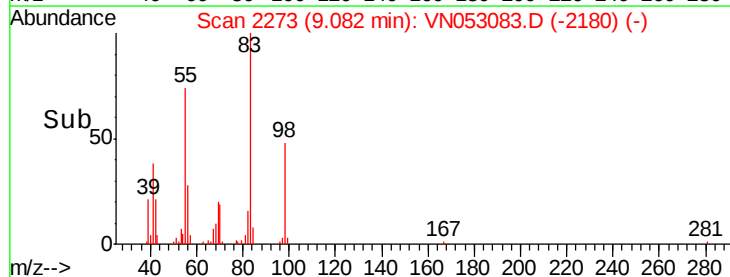
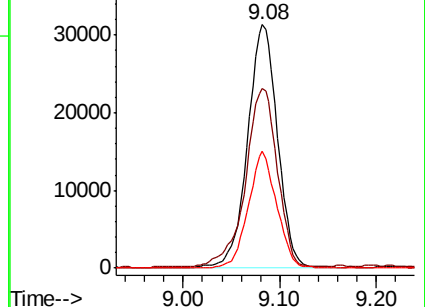
98 47.9 37.0 55.4

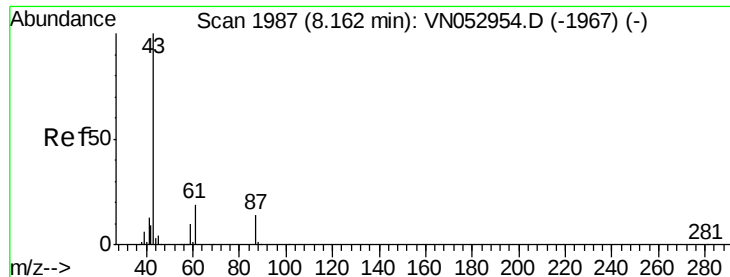


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V



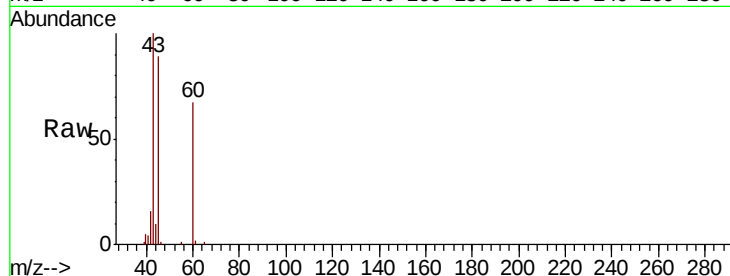


#43

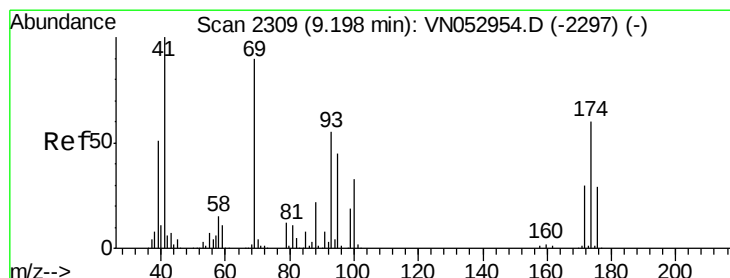
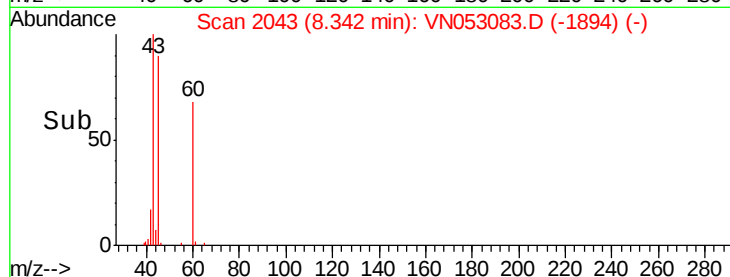
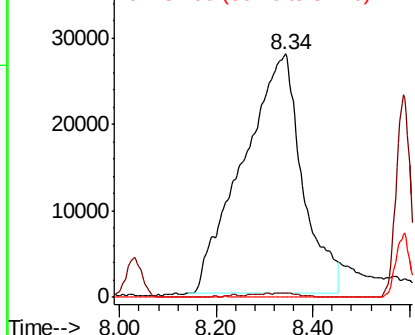
Isopropyl Acetate
 Concen: 11.024 ug/l
 RT: 8.34 min Scan# 2043
 Delta R.T. 0.18 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.9	34.3#
87	0.0	10.6	15.8#



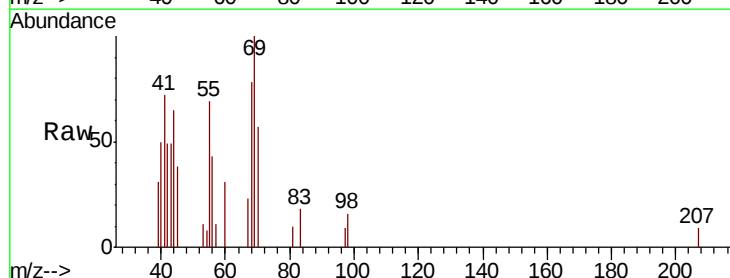
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



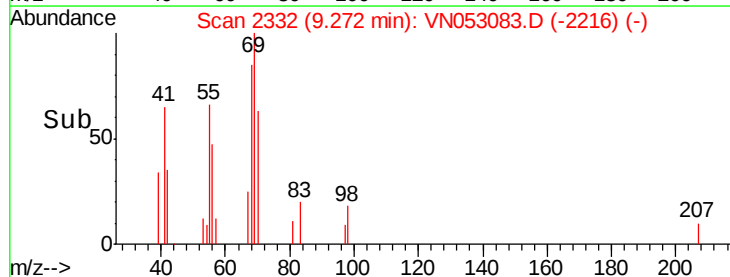
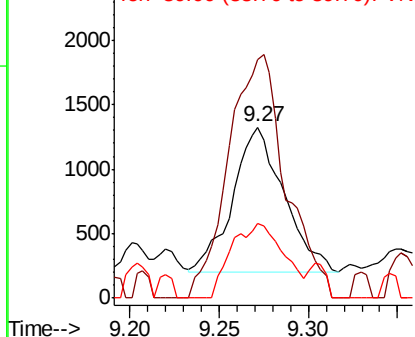
#48

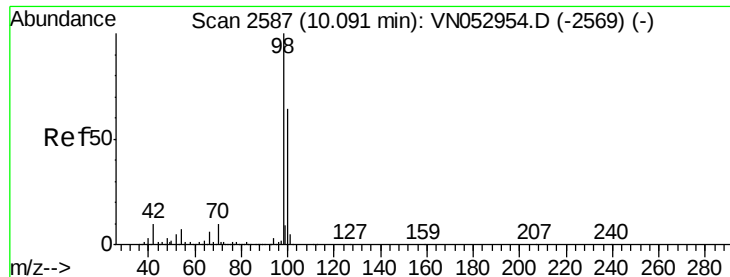
Methyl methacrylate
 Concen: 0.225 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.07 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	186.0	72.2	108.2#
39	52.6	41.9	62.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

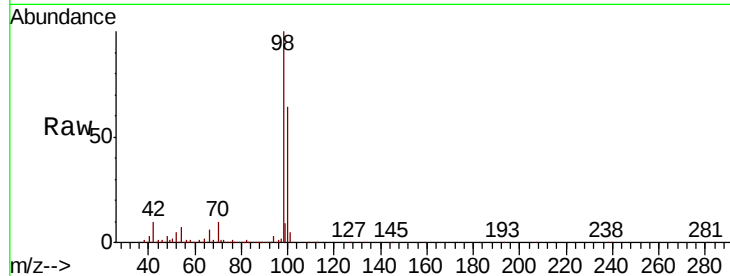
ClientSampled :

Tot Ion: 98 Resp: 2363358

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

10.09

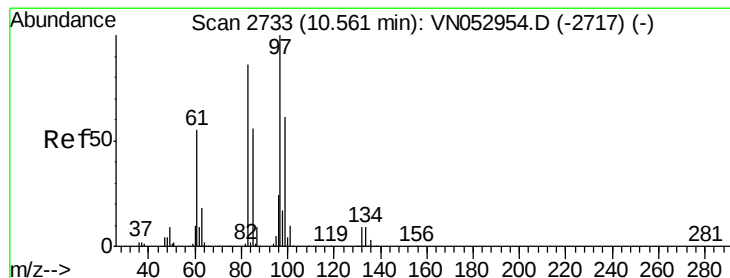
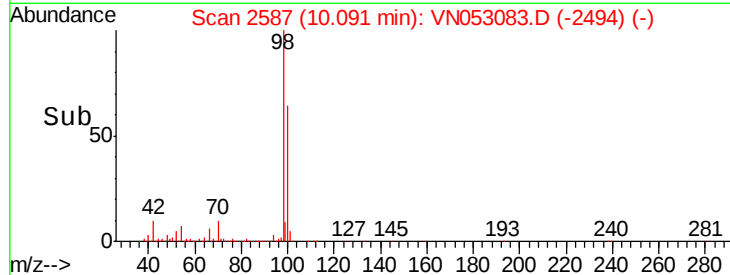
1500000

1000000

500000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.571 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Tgt Ion: 97 Resp: 6795

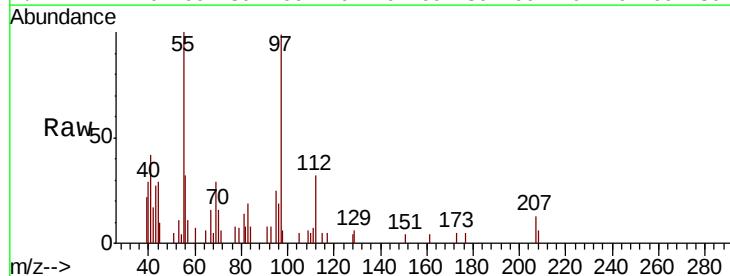
Ion Ratio Lower Upper

97 100

83 13.3 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN052954.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN052954.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-2717) (-)

8000

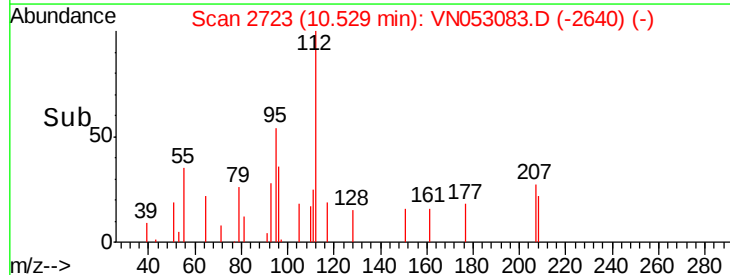
6000

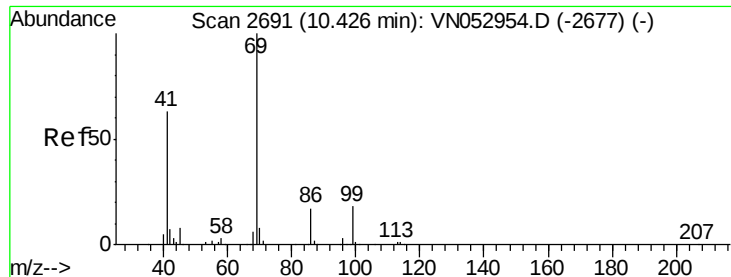
4000

2000

0

Time-->





#56

Ethyl methacrylate

Concen: 0.288 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

ClientSampled :

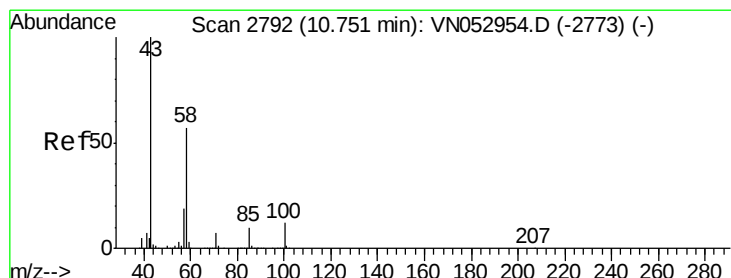
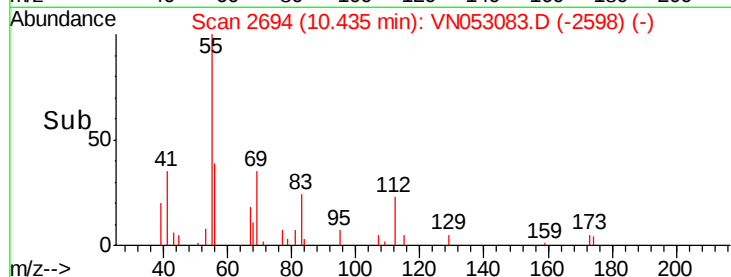
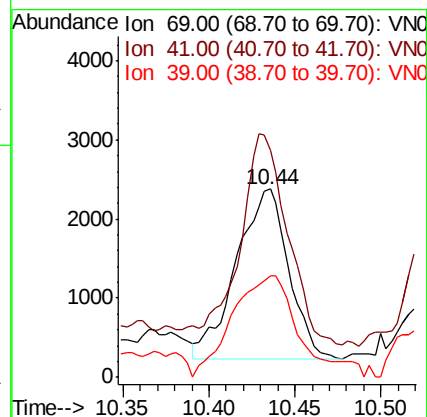
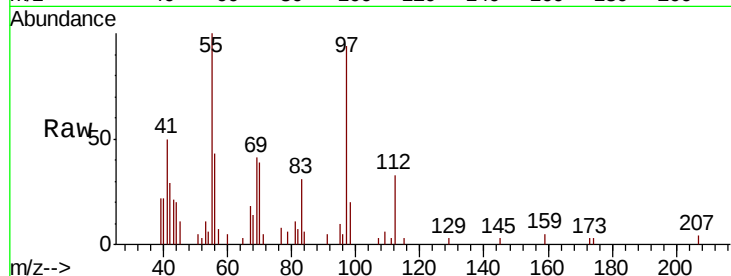
Tot Ion: 69 Resp: 4537

Ion Ratio Lower Upper

69 100

41 111.7 51.7 77.5#

39 76.7 24.6 37.0#



#59

2-Hexanone

Concen: 0.460 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. -0.14 min

Lab File: VN053083.D

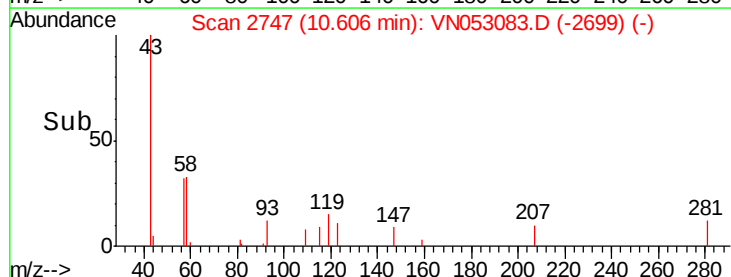
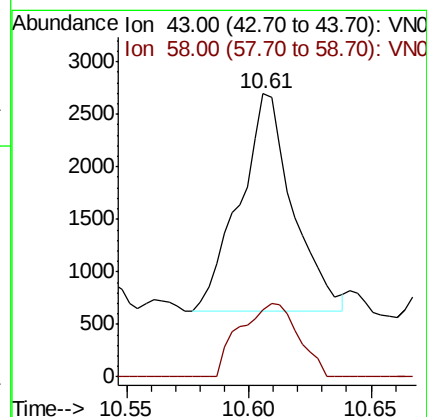
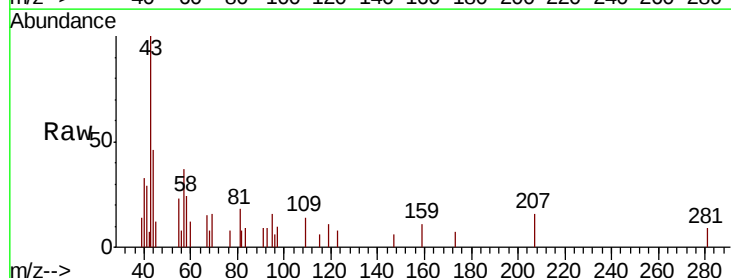
Acq: 21 Dec 2018 3:56

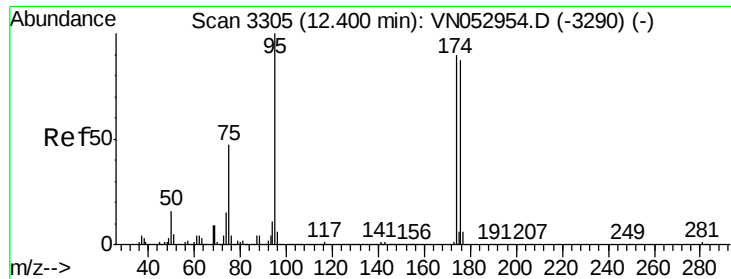
Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

58 37.3 28.1 84.3





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

ClientSampleId :

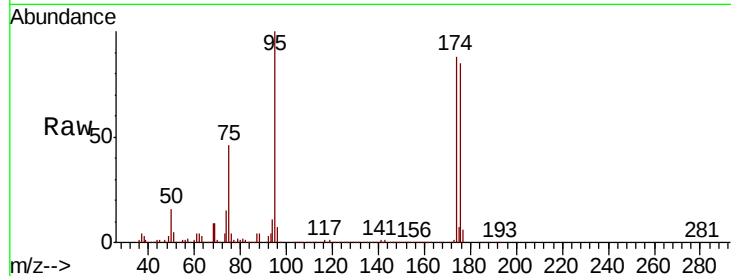
Tot Ion: 95 Resp: 822249

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

176 87.2 0.0 173.8



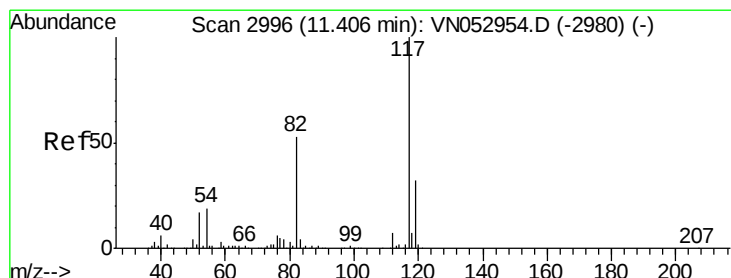
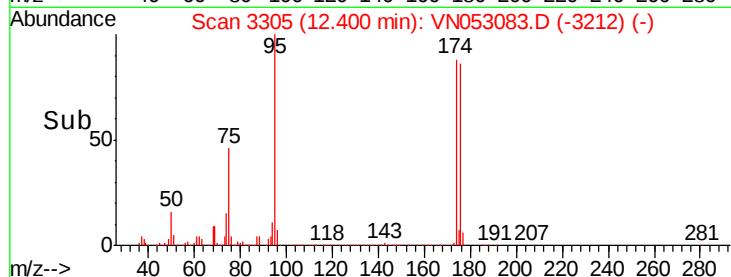
Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

Time-->

12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

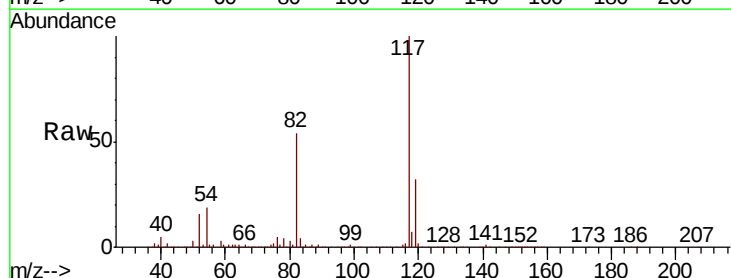
Tgt Ion: 117 Resp: 1755294

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

119 32.2 25.5 38.3



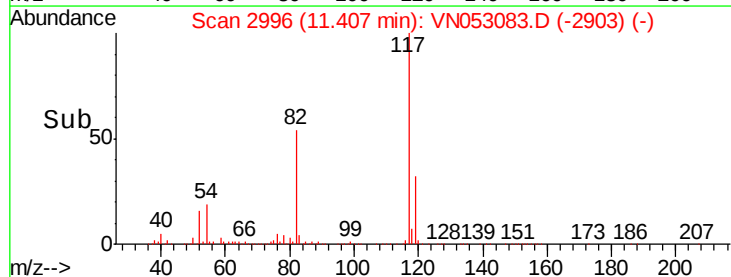
Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

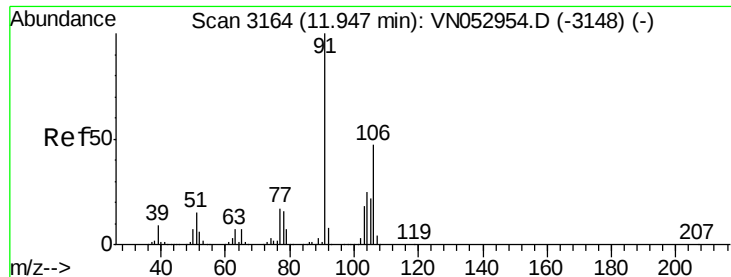
Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

Time-->

11.30 11.40 11.50

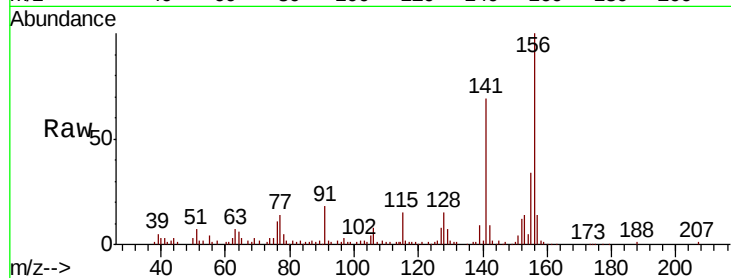




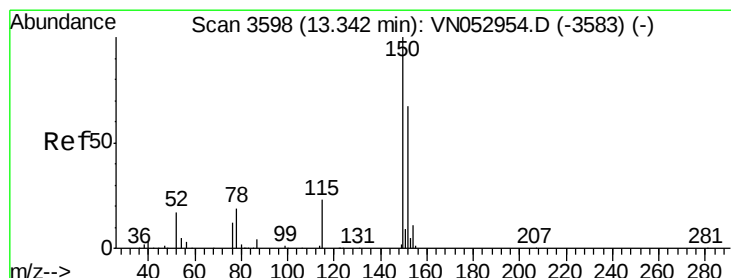
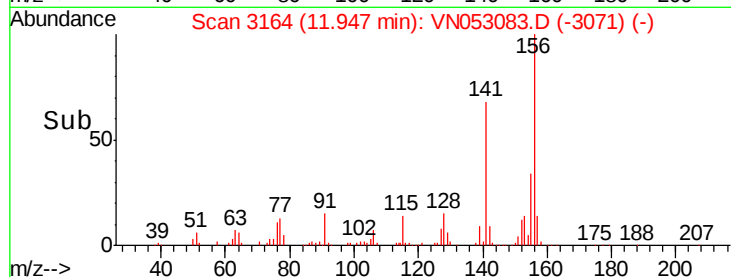
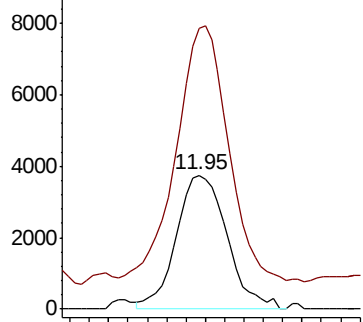
#69
o-Xylene
Concen: 0.280 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 6832
Ion Ratio Lower Upper
106 100
91 196.4 106.6 319.8

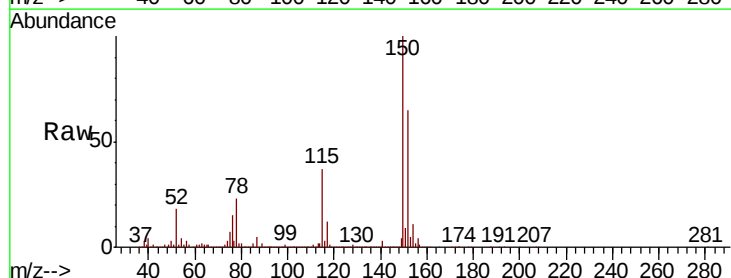


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

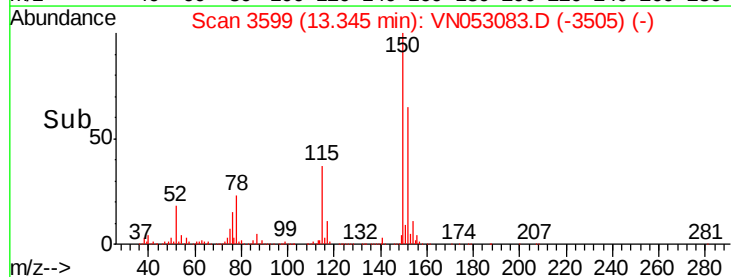
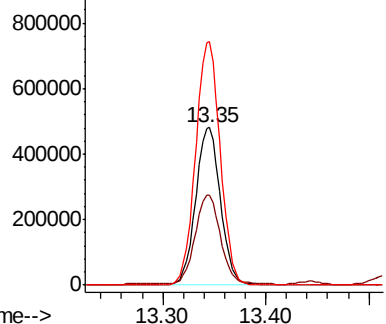


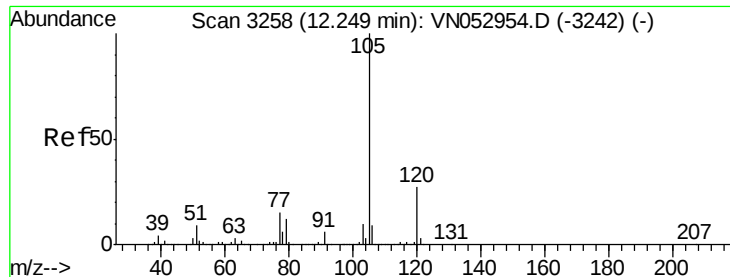
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:152 Resp: 804073
Ion Ratio Lower Upper
152 100
115 57.9 28.3 85.0
150 152.9 0.0 347.8



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





#73

Isopropylbenzene

Concen: 3.505 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

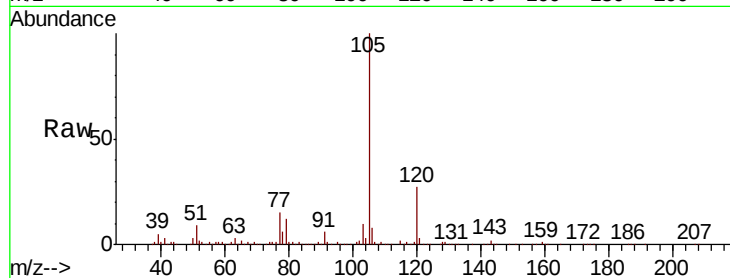
ClientSampled :

Tot Ion:105 Resp: 220526

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

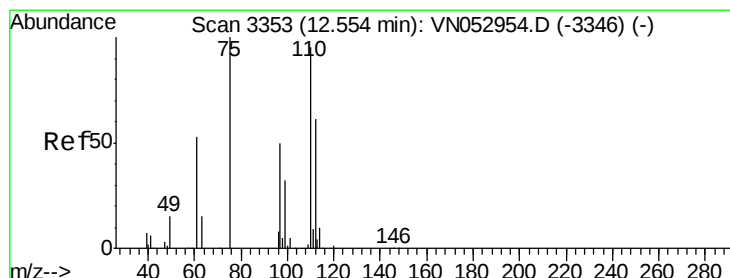
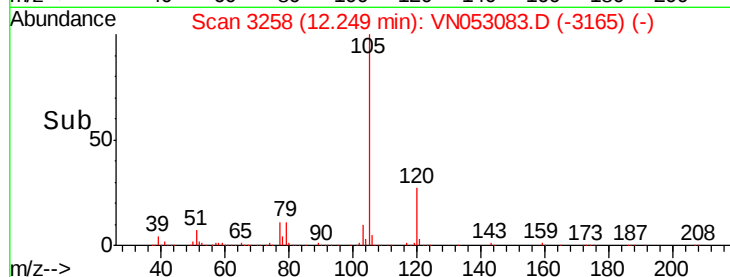
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.131 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053083.D

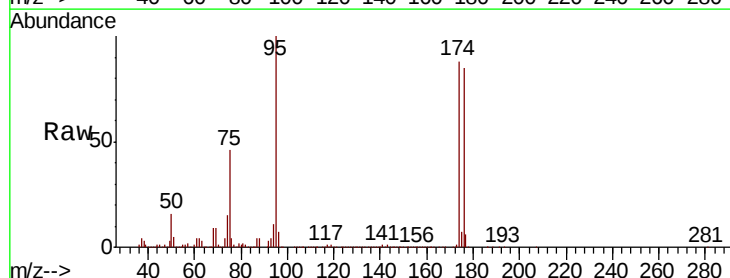
Acq: 21 Dec 2018 3:56

Tgt Ion: 75 Resp: 380768

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.40

250000

200000

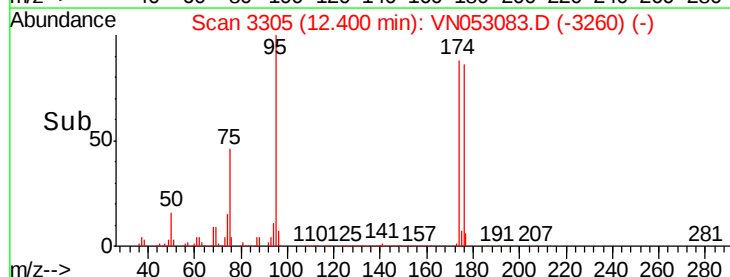
150000

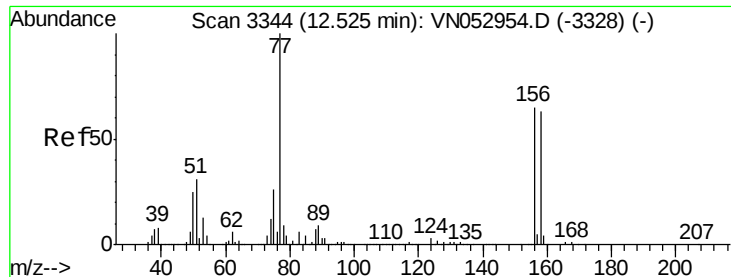
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 36.656 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.04 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

ClientSampled :

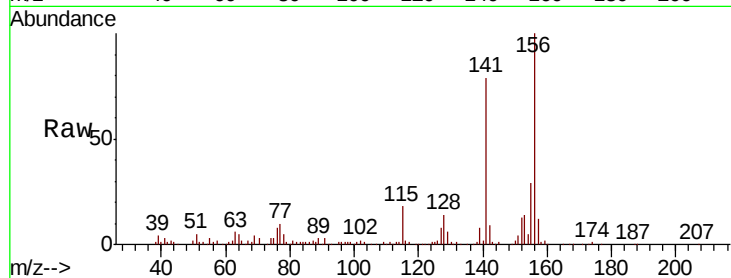
Tot Ion:156 Resp: 599450

Ion Ratio Lower Upper

156 100

77 5.9 91.3 273.8#

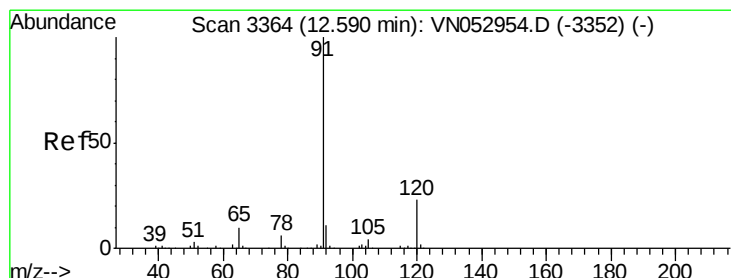
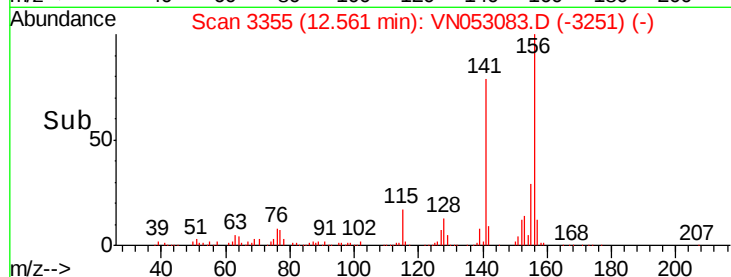
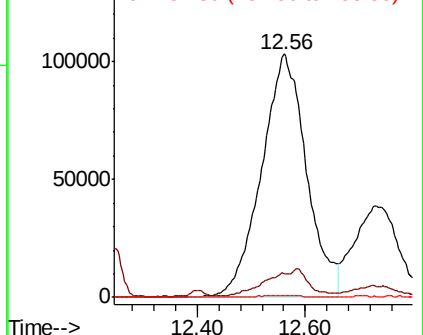
158 0.2 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.124 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053083.D

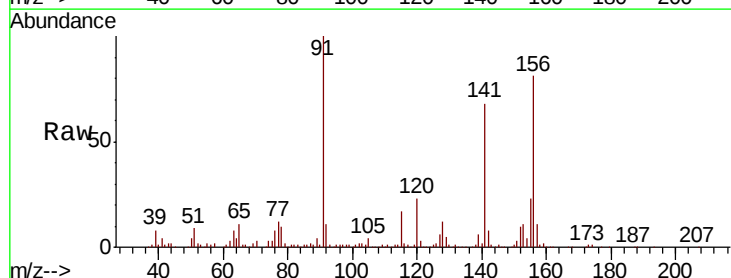
Acq: 21 Dec 2018 3:56

Tgt Ion: 91 Resp: 152162

Ion Ratio Lower Upper

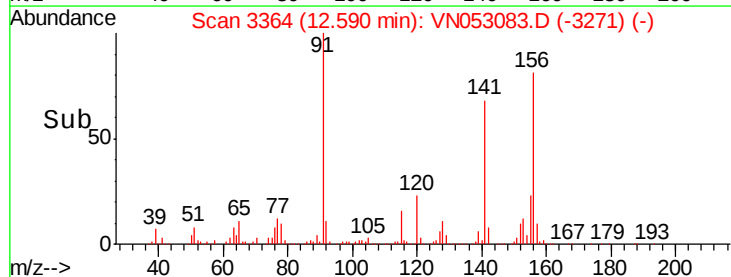
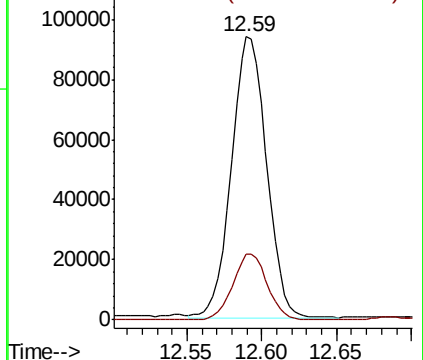
91 100

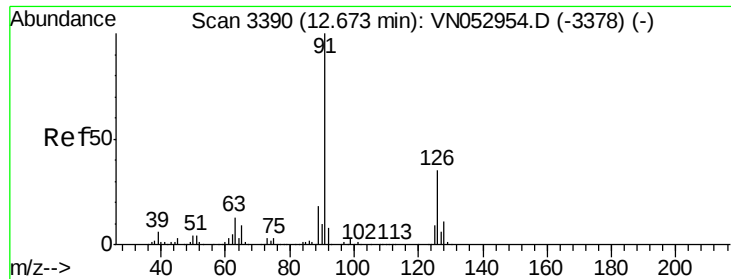
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 3.426 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

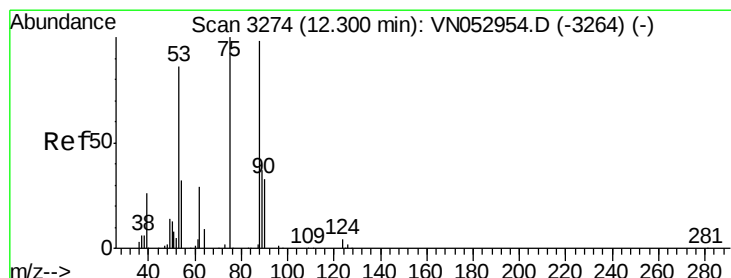
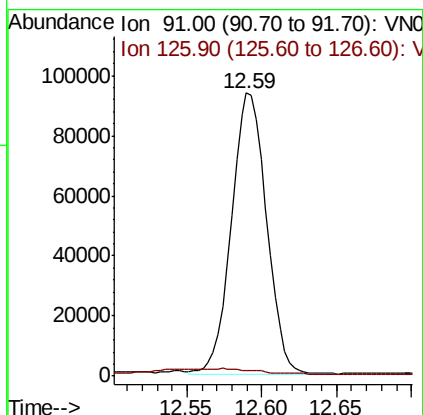
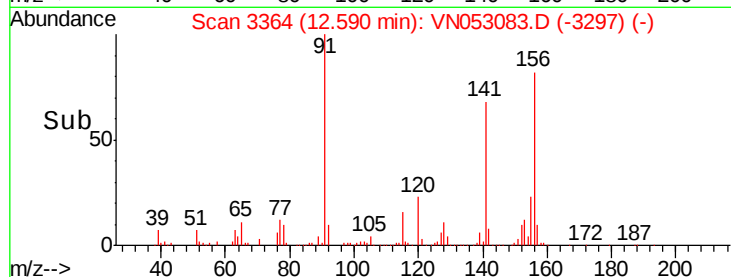
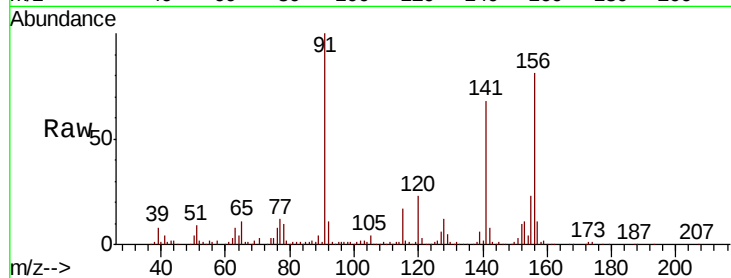
ClientSampleId :

Tot Ion: 91 Resp: 152162

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.668 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

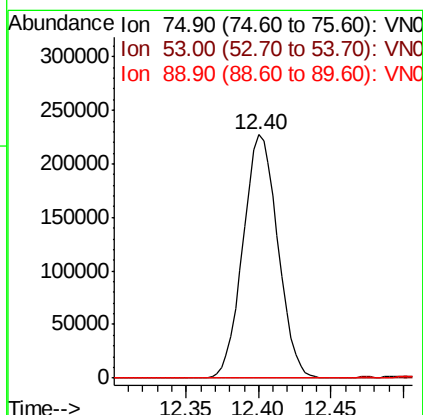
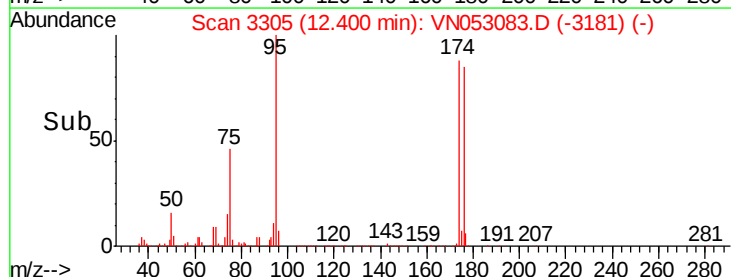
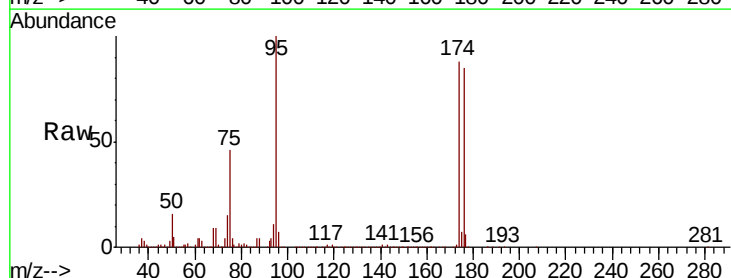
Tgt Ion: 75 Resp: 380768

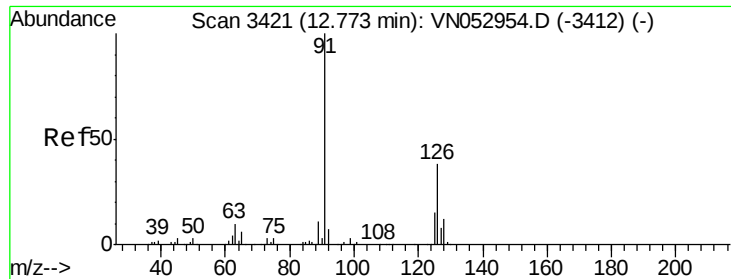
Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

89 0.1 36.1 54.1#





#82

4-Chlorotoluene

Concen: 3.500 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

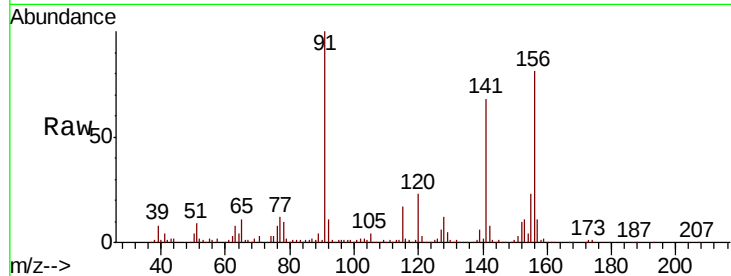
ClientSampled :

Tot Ion: 91 Resp: 152162

Ion Ratio Lower Upper

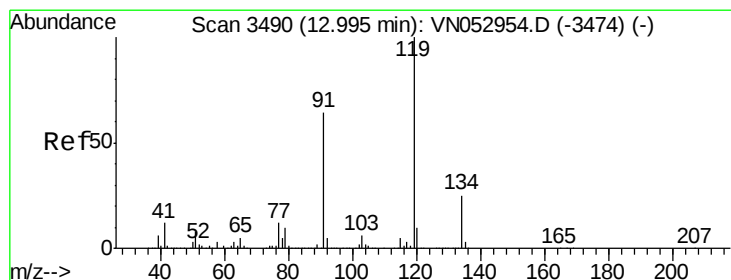
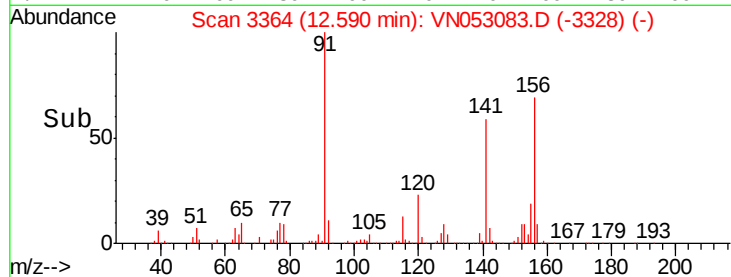
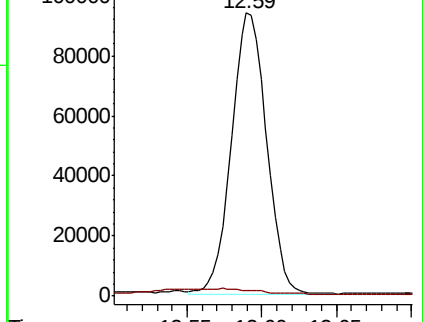
91 100

126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN053083.D (-3364) (-)

Ion 125.90 (125.60 to 126.60): VN053083.D (-3364) (-)



#83

tert-Butylbenzene

Concen: 1.623 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

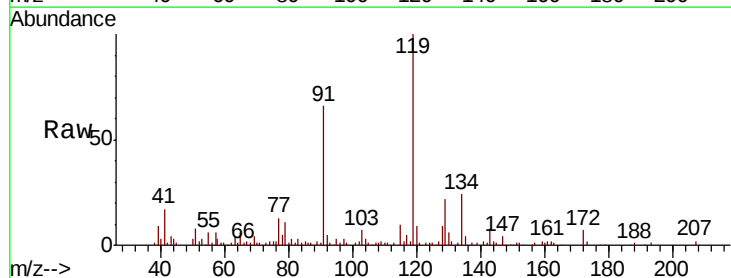
Tgt Ion: 119 Resp: 73595

Ion Ratio Lower Upper

119 100

91 64.3 31.9 95.5

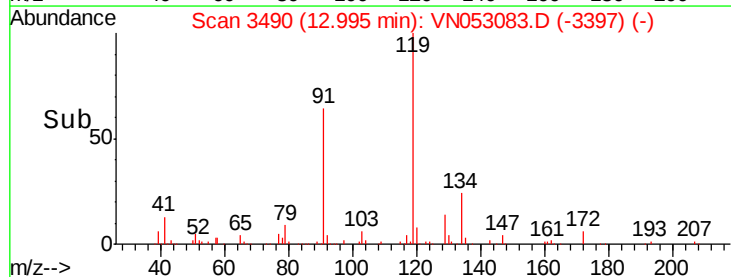
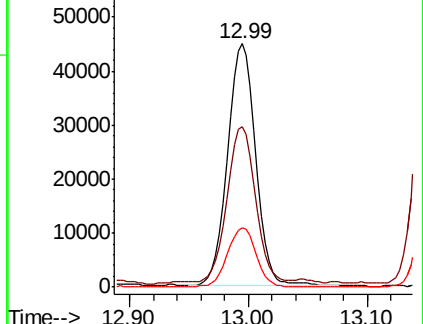
134 24.9 12.8 38.4

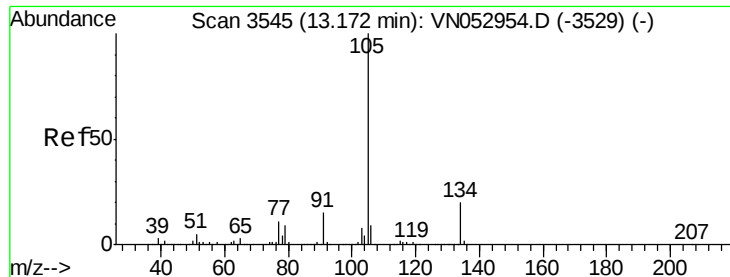


Abundance Ion 119.00 (118.70 to 119.70): VN053083.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN053083.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN053083.D (-3490) (-)





#85

sec-Butylbenzene

Concen: 3.896 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

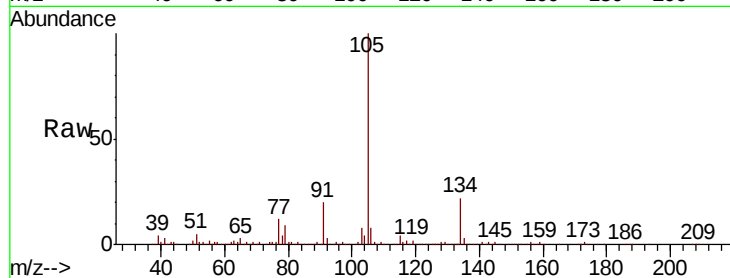
ClientSampleId :

Tot Ion:105 Resp: 238987

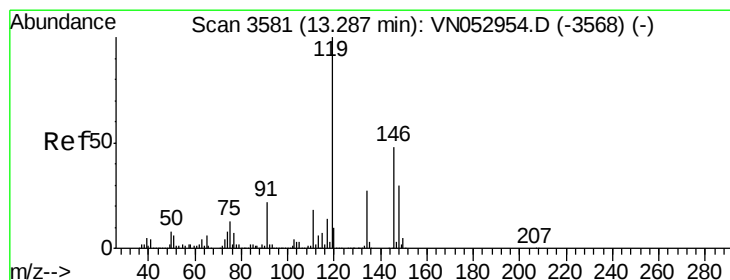
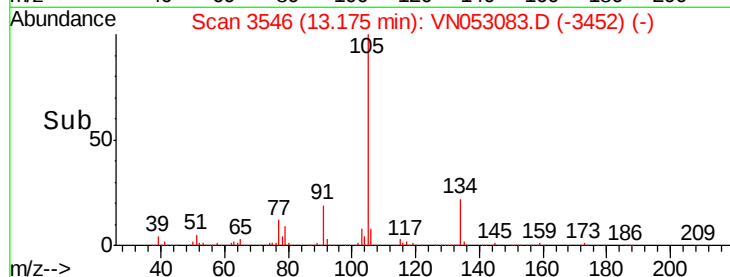
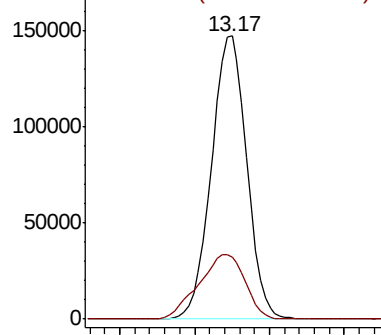
Ion Ratio Lower Upper

105 100

134 30.3 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V



#86

p-Isopropyltoluene

Concen: 3.857 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

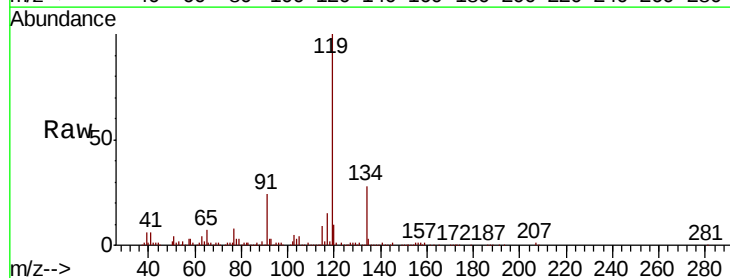
Tgt Ion:119 Resp: 204420

Ion Ratio Lower Upper

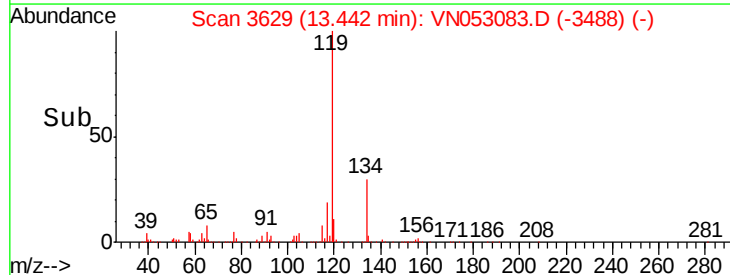
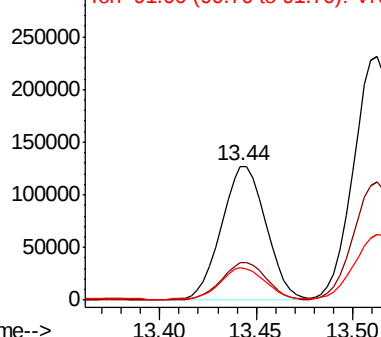
119 100

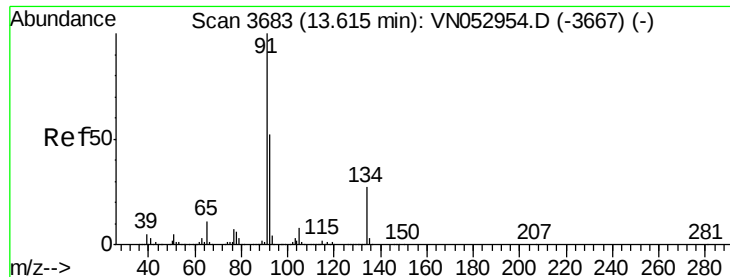
134 28.6 13.4 40.2

91 23.2 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V





#89

n-Butylbenzene

Concen: 0.315 ug/l

RT: 13.60 min Scan# 3677

Delta R.T. -0.02 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

ClientSampled :

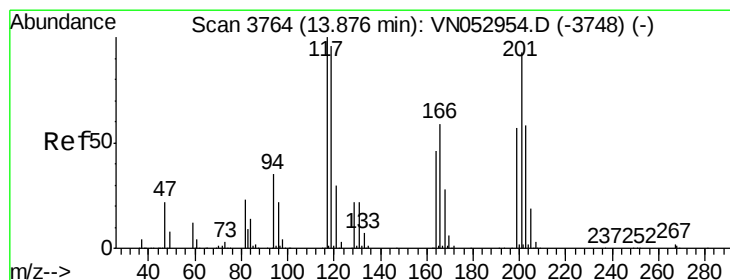
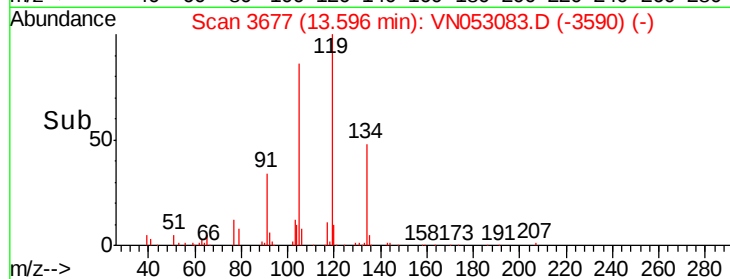
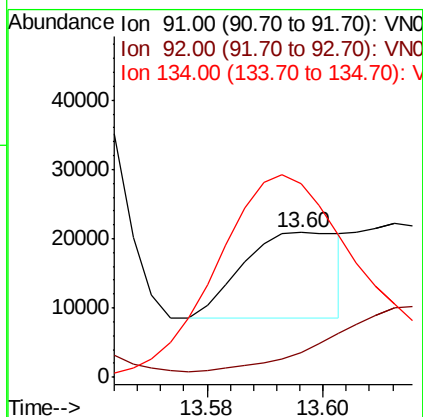
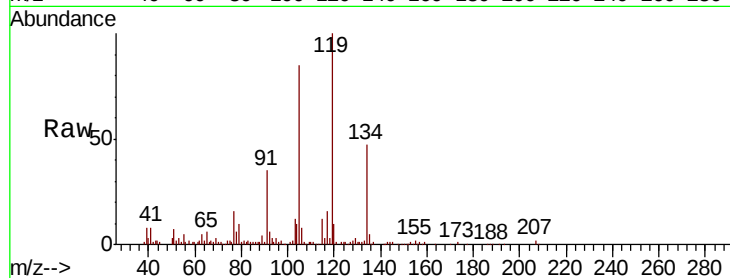
Tot Ion: 91 Resp: 14346

Ion Ratio Lower Upper

91 100

92 0.0 26.3 78.9#

134 366.7 13.3 39.8#



#90

Hexachloroethane

Concen: 17.395 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053083.D

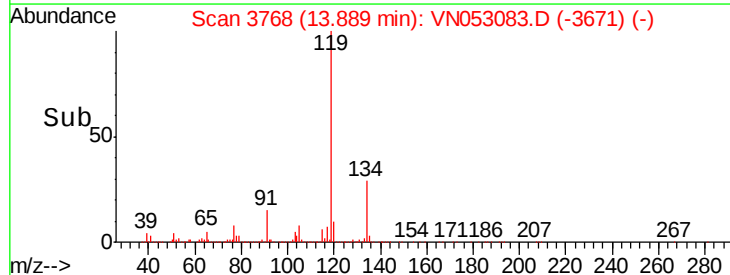
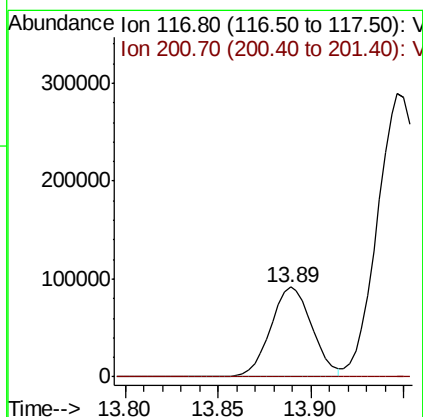
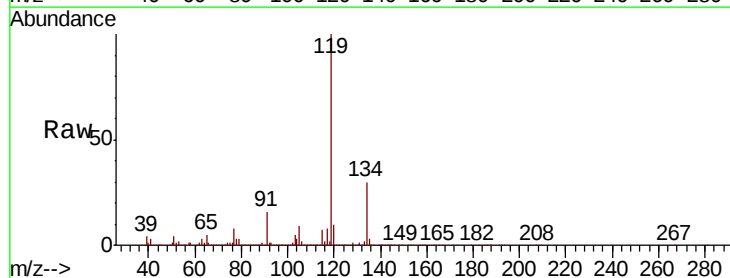
Acq: 21 Dec 2018 3:56

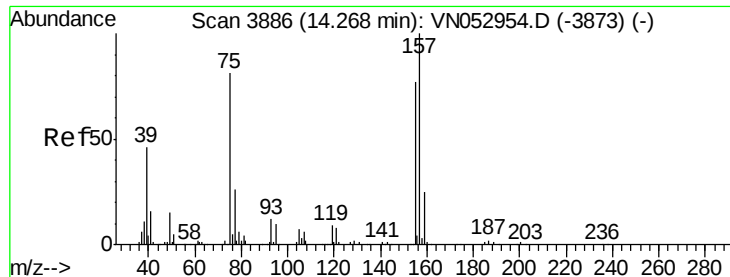
Tgt Ion: 117 Resp: 141492

Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#

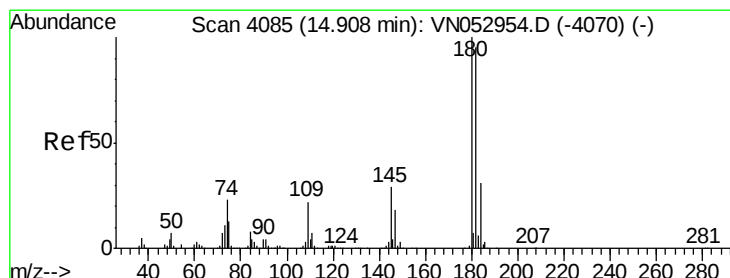
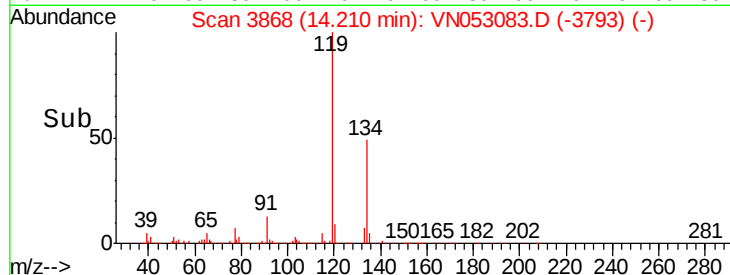
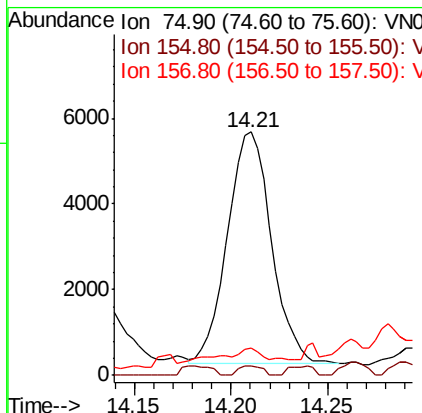
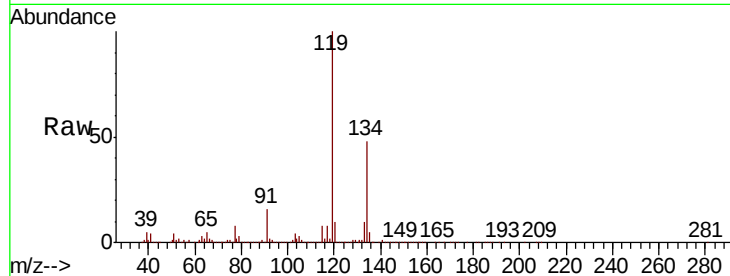




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.013 ug/l
 RT: 14.21 min Scan# 3868
 Delta R.T. -0.06 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

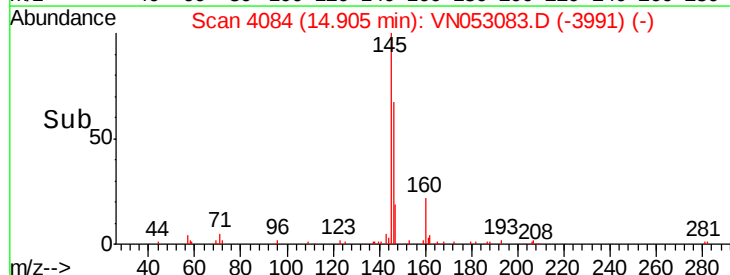
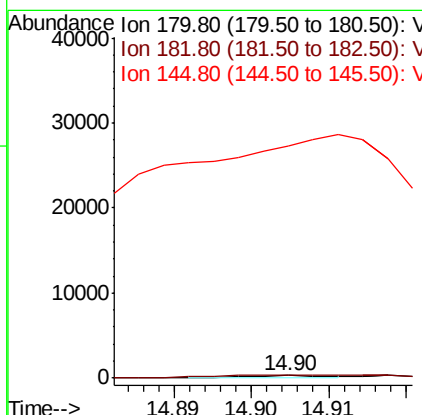
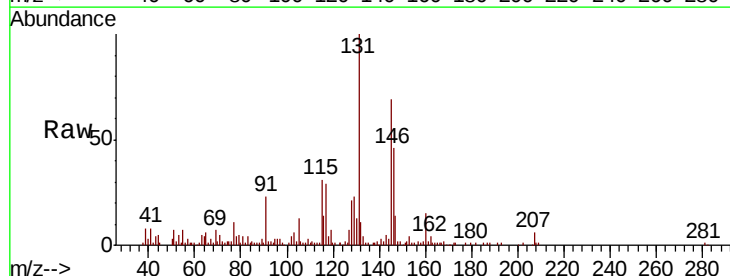
Instrument :
 MSVOA_N
 ClientSampleId :

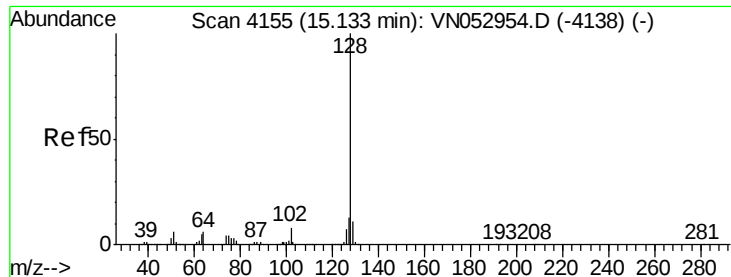
Tot Ion: 75 Resp: 8565
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 2.4 61.2 183.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.612 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN053083.D
 Acq: 21 Dec 2018 3:56

Tgt Ion: 180 Resp: 239
 Ion Ratio Lower Upper
 180 100
 182 283.7 47.8 143.3#
 145 32946.9 14.2 42.6#





#95

Naphthalene

Concen: 1.275 ug/l

RT: 15.09 min Scan# 4143

Delta R.T. -0.04 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

Instrument :

MSVOA_N

ClientSampled :

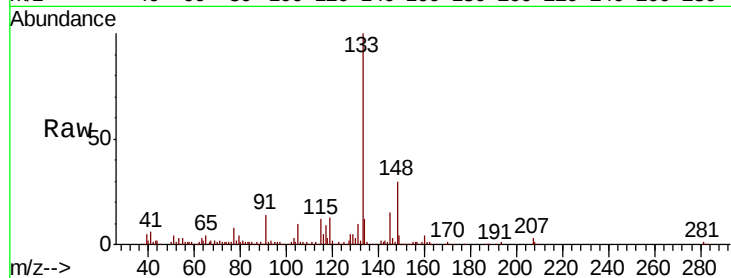
Tot Ion:128 Resp: 4151

Ion Ratio Lower Upper

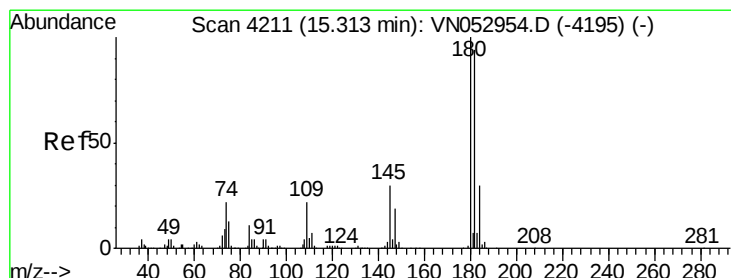
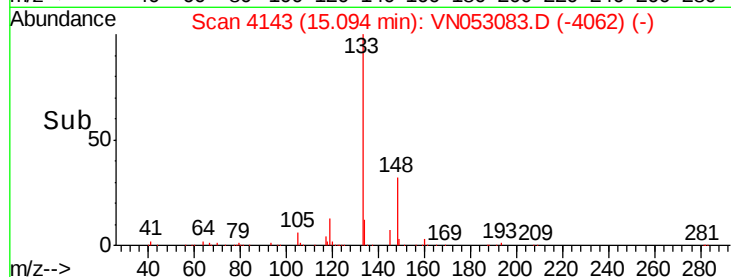
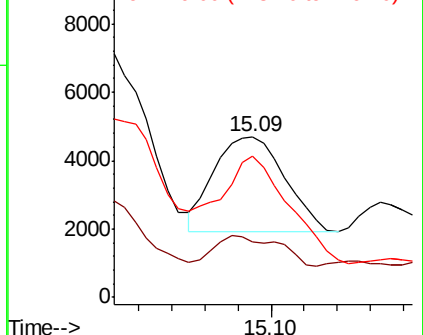
128 100

127 32.2 10.2 15.4#

129 97.6 8.6 13.0#



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: 0.515 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053083.D

Acq: 21 Dec 2018 3:56

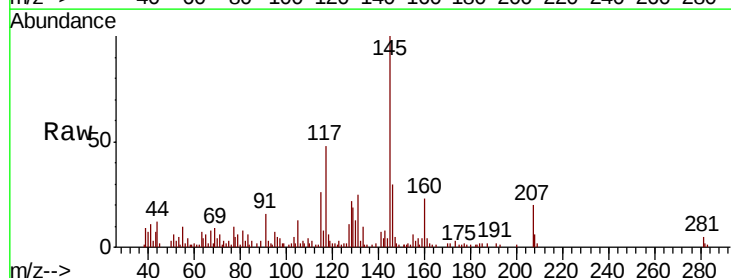
Tgt Ion:180 Resp: 91

Ion Ratio Lower Upper

180 100

182 228.6 47.9 143.7#

145 0.0 15.0 45.0#



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

