

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100818\
 Data File : VN051729.D
 Acq On : 8 Oct 2018 12:31
 Operator : MD\SY
 Sample : J5163-02
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-092718-FD-S

Quant Time: Oct 09 03:51:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	644095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	927152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	841319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	618751	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	387813	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
35) Dibromofluoromethane	7.59	113	354162	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	10.09	98	1332400	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.40	95	510303	53.91	ug/l	0.00
Spiked Amount			Recovery	=	107.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	2.98	101	30	Below Cal	#	64
11) Tert butyl alcohol	4.78	59	393	0.680	ug/l #	73
13) Acrolein	3.62	56	91	0.252	ug/l #	1
16) Acetone	3.82	43	812	Below Cal	#	82
18) Methyl Acetate	4.33	43	7288	1.552	ug/l #	78
25) 2-Butanone	6.86	43	2172	0.884	ug/l #	77
29) Tetrahydrofuran	7.21	42	422	0.280	ug/l #	34
31) Cyclohexane	7.66	56	13257	1.148	ug/l #	40
36) 1,1-Dichloropropene	7.66	75	41839	4.317	ug/l #	49
38) Carbon Tetrachloride	7.67	117	57465	4.942	ug/l #	15
41) Methacrylonitrile	7.17	41	348	Below Cal	#	17
43) Isopropyl Acetate	8.25	43	68026	6.455	ug/l #	59
55) 1,1,2-Trichloroethane	10.53	97	9392	1.380	ug/l #	24
56) Ethyl methacrylate	10.44	69	5730	0.666	ug/l #	1
59) 2-Hexanone	10.72	43	61431	16.940	ug/l #	27
71) Bromoform	12.40	173	3953	0.637	ug/l #	1
73) Isopropylbenzene	12.25	105	122996	2.332	ug/l	98
74) N-amyl acetate	12.04	43	602047	55.595	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.48	83	55005	1.634	ug/l #	31
76) 1,2,3-Trichloropropane	12.40	75	254197	31.549	ug/l #	100
78) n-propylbenzene	12.59	91	508679	8.842	ug/l	98
79) 2-Chlorotoluene	12.59	91	508679	15.003	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.59	105	18854	0.424	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	254197	75.517	ug/l #	19
82) 4-Chlorotoluene	13.04	91	104645	3.072	ug/l	76
83) tert-Butylbenzene	12.99	119	75617	1.899	ug/l	88
84) 1,2,4-Trimethylbenzene	13.04	105	1194232	26.823	ug/l	99
85) sec-Butylbenzene	13.17	105	597410	11.339	ug/l #	73
86) p-Isopropyltoluene	13.44	119	130852	2.802	ug/l	96
89) n-Butylbenzene	13.62	91	391440	10.600	ug/l #	83
90) Hexachloroethane	13.89	117	58916	6.322	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	4522	2.441	ug/l #	1

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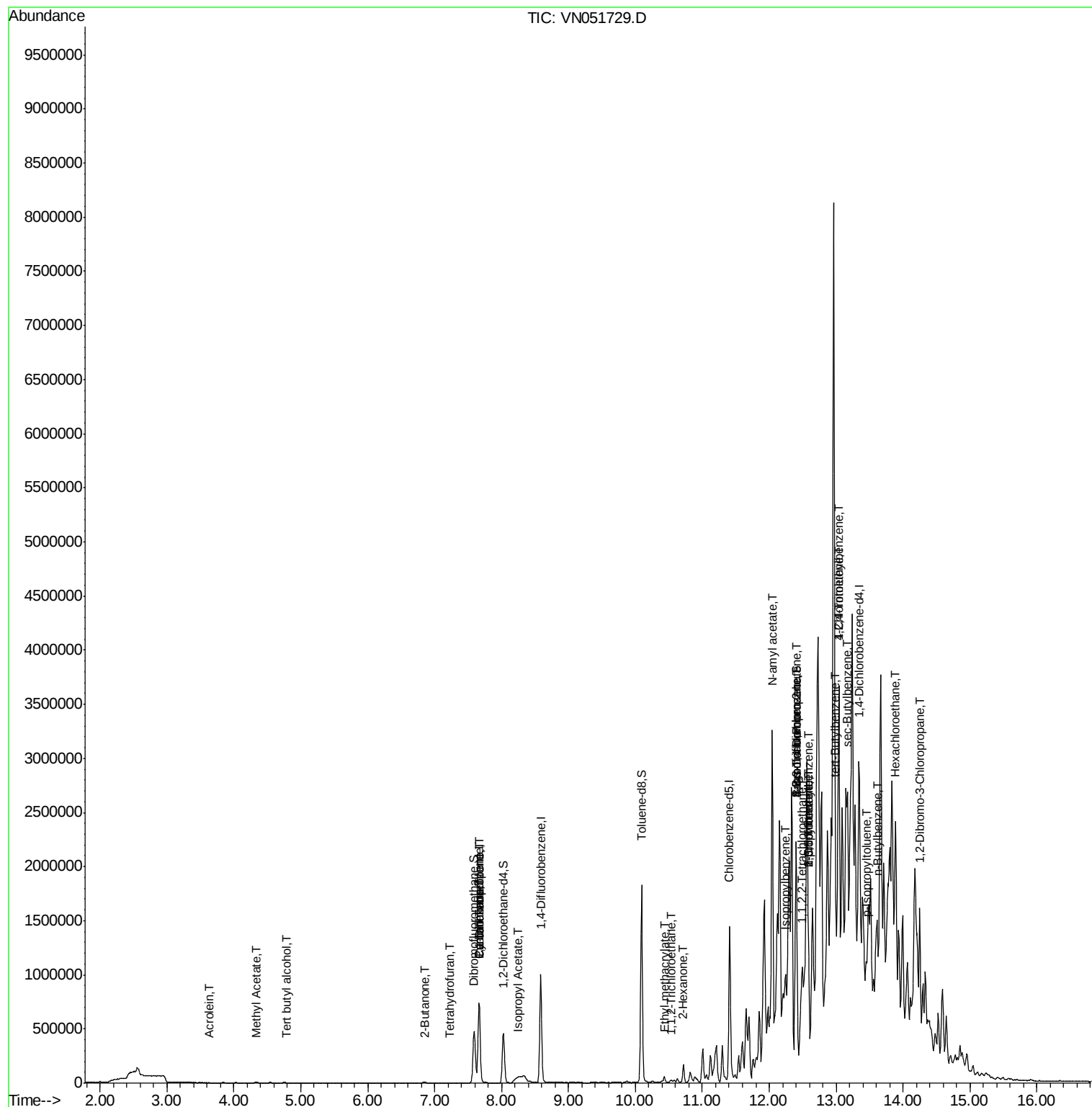
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

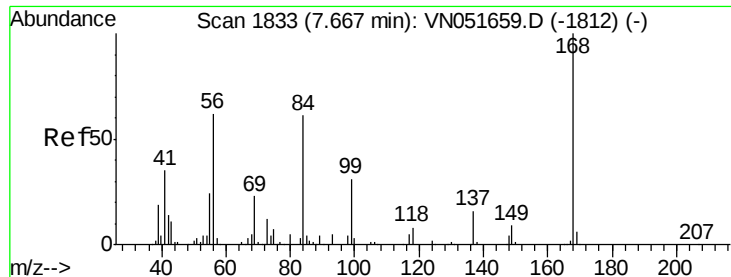
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

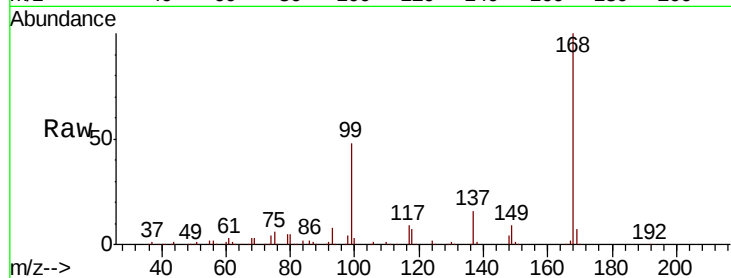
EP1-MW-092718-FD-S

Tot Ion:168 Resp: 644095

Ion Ratio Lower Upper

168 100

99 47.9 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

150000

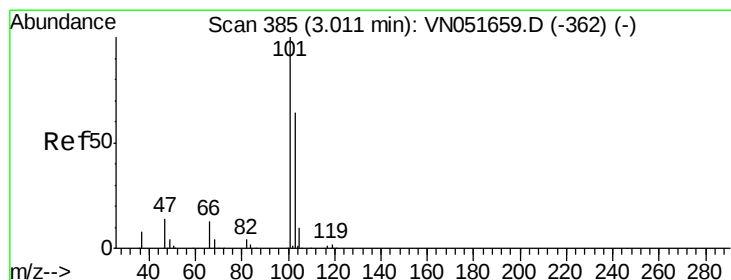
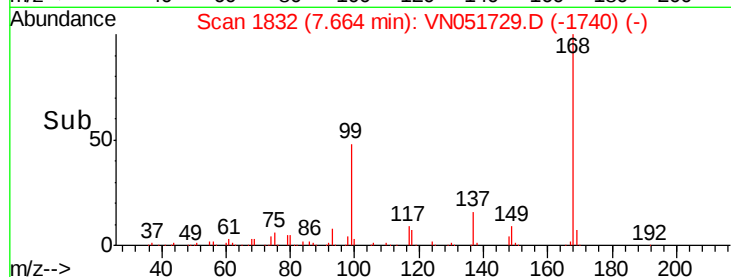
100000

50000

0

7.60 7.70

Time-->



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.98 min Scan# 374

Delta R.T. -0.04 min

Lab File: VN051729.D

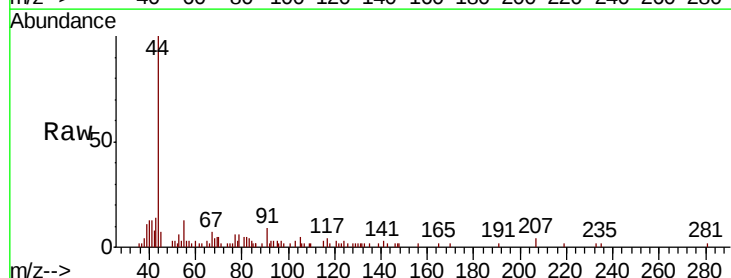
Acq: 8 Oct 2018 12:31

Tgt Ion:101 Resp: 30

Ion Ratio Lower Upper

101 100

103 35.9 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

400

300

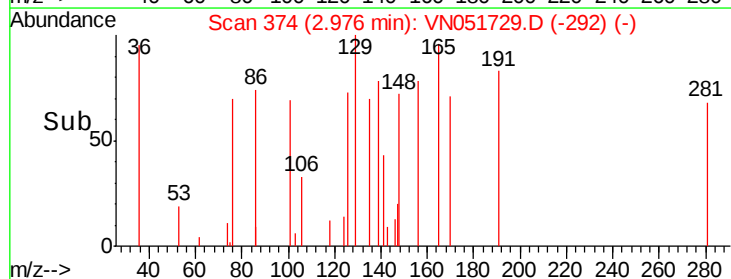
200

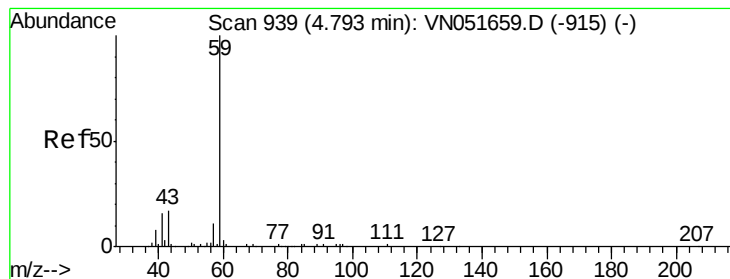
100

0

2.96 2.97 2.98 2.98 2.98

Time-->



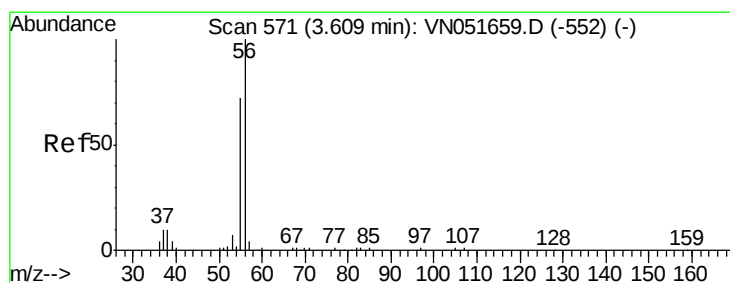
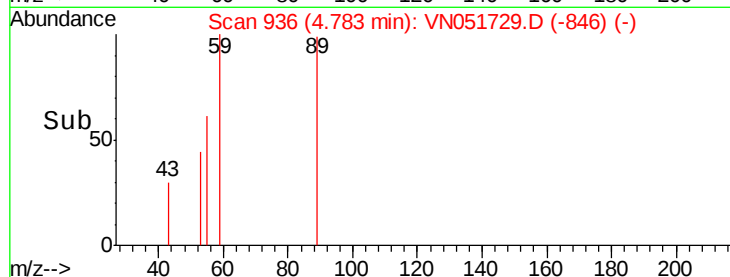
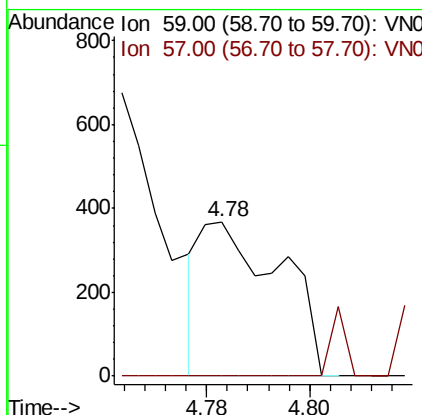
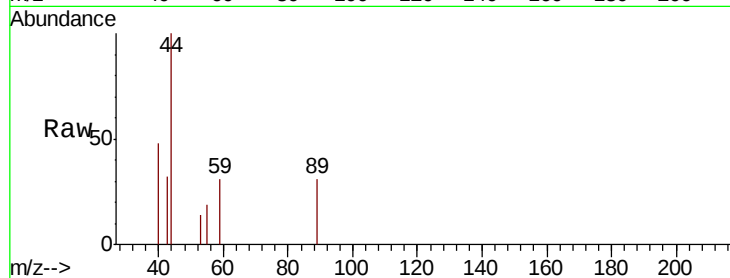


#11

Tert butyl alcohol
 Concen: 0.680 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN051729.D
 Acq: 8 Oct 2018 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-092718-FD-S

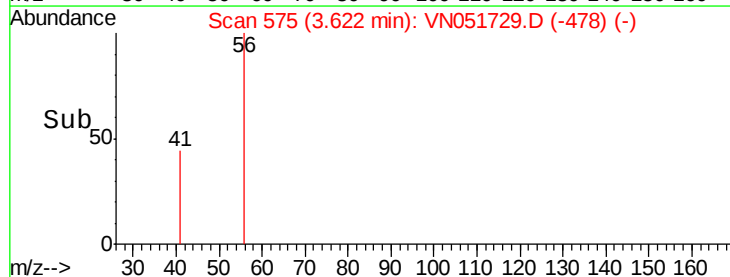
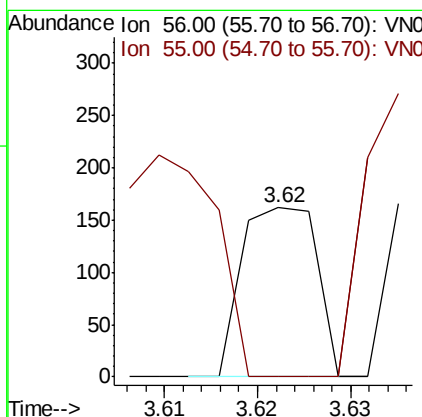
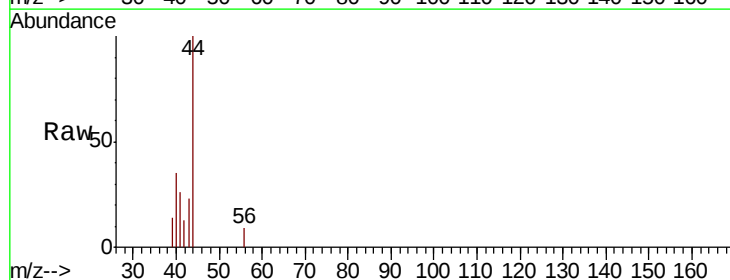
Tot Ion: 59 Resp: 393
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

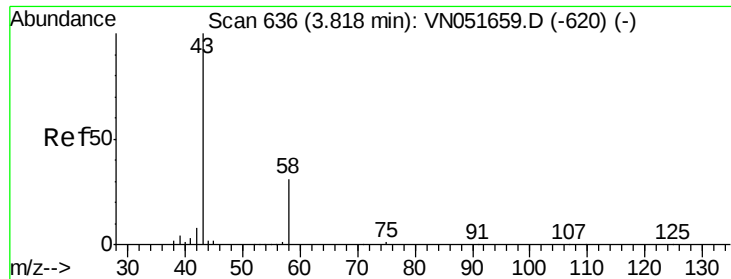


#13

Acrolein
 Concen: 0.252 ug/l
 RT: 3.62 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: VN051729.D
 Acq: 8 Oct 2018 12:31

Tgt Ion: 56 Resp: 91
 Ion Ratio Lower Upper
 56 100
 55 158.2 57.5 86.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

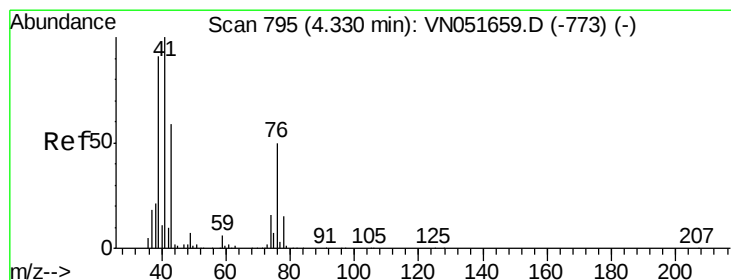
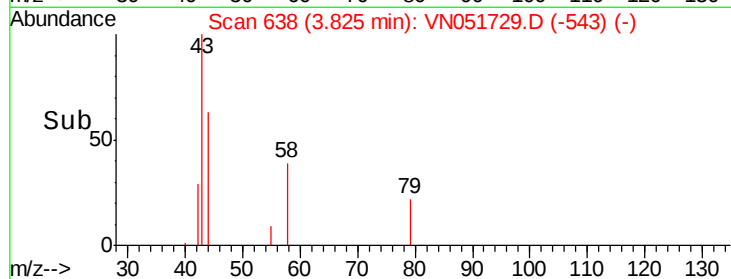
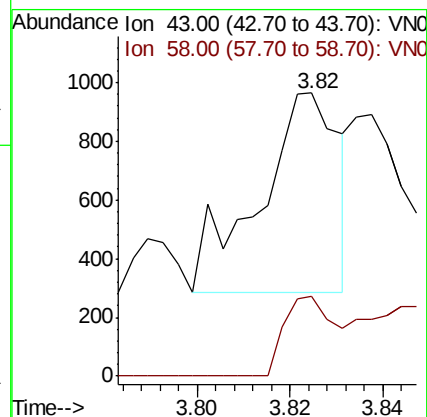
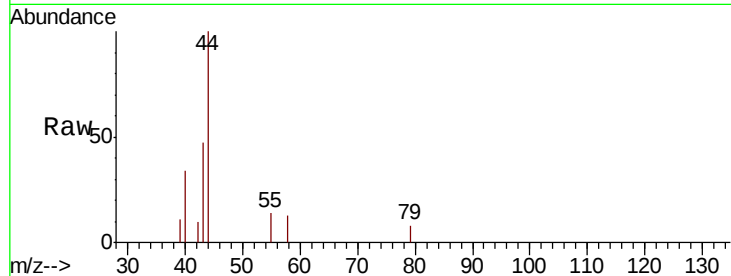
EP1-MW-092718-FD-S

Tot Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 40.2 24.3 36.5#



#18

Methyl Acetate

Concen: 1.552 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051729.D

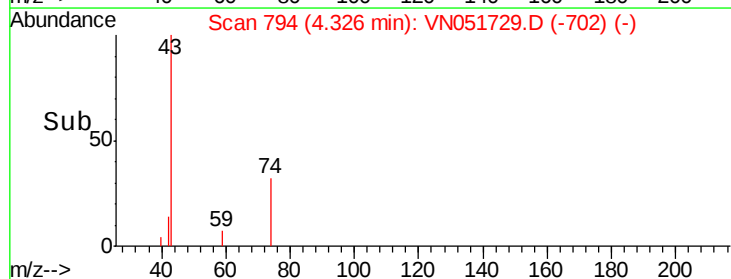
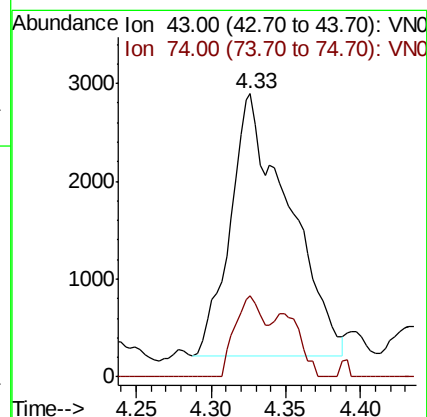
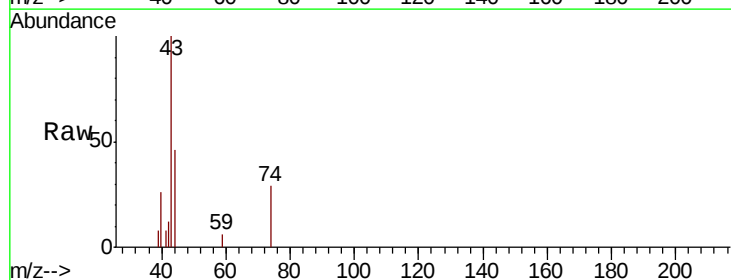
Acq: 8 Oct 2018 12:31

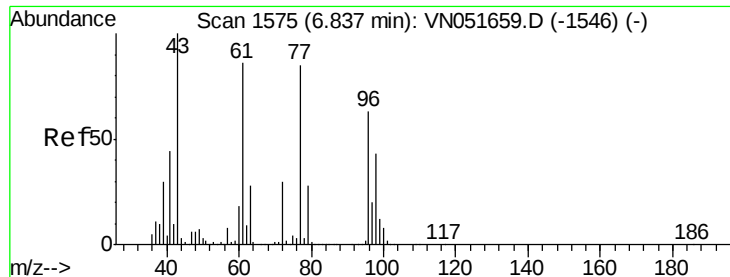
Tgt Ion: 43 Resp: 7288

Ion Ratio Lower Upper

43 100

74 15.7 21.5 32.3#





#25

2-Butanone

Concen: 0.884 ug/l

RT: 6.86 min Scan# 1583

Delta R.T. 0.03 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

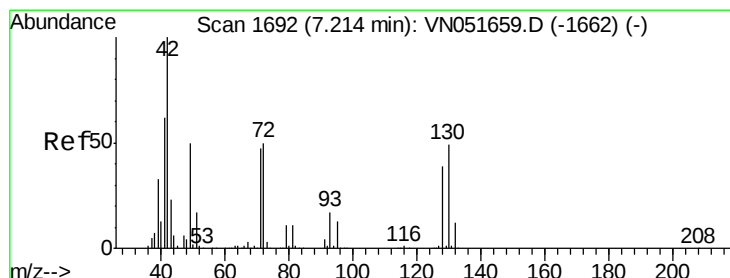
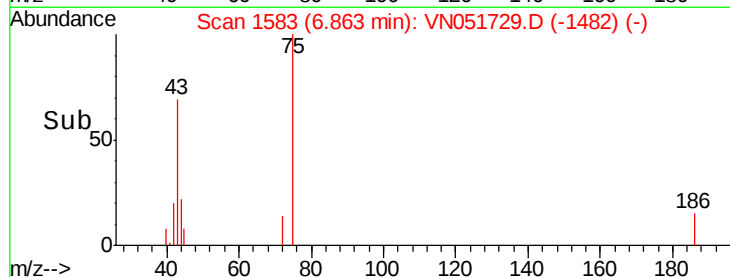
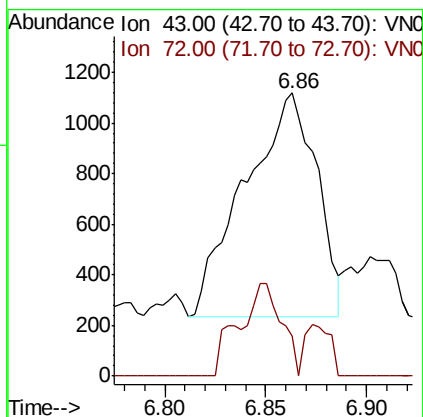
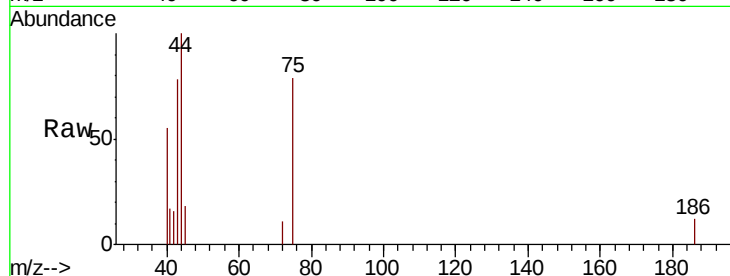
EP1-MW-092718-FD-S

Tot Ion: 43 Resp: 2172

Ion Ratio Lower Upper

43 100

72 17.8 24.2 36.2#



#29

Tetrahydrofuran

Concen: 0.280 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

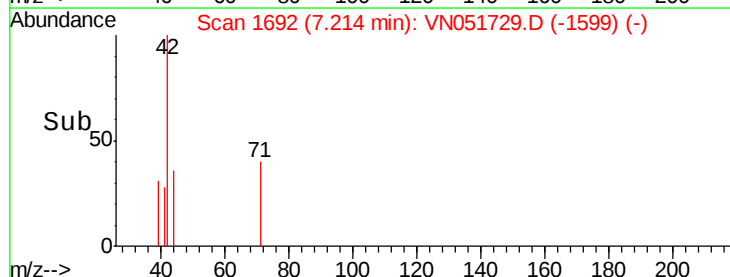
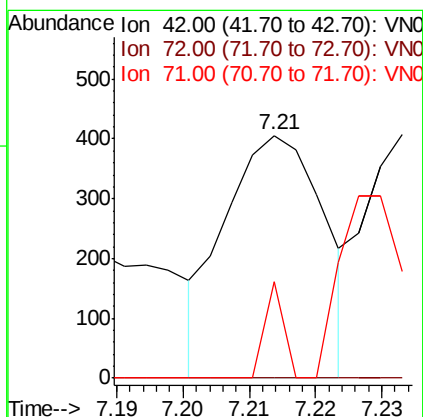
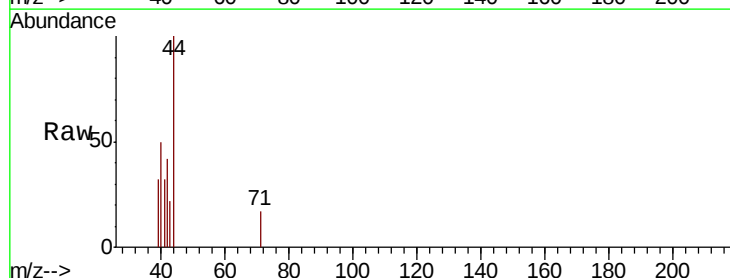
Tgt Ion: 42 Resp: 422

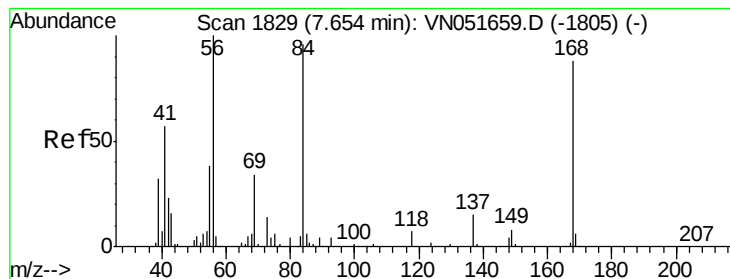
Ion Ratio Lower Upper

42 100

72 0.0 40.1 60.1#

71 7.3 38.0 57.0#





#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

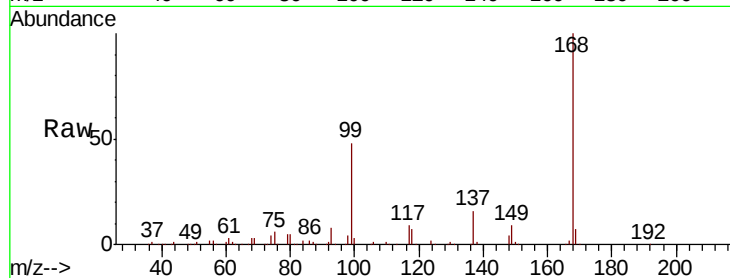
Tot Ion: 56 Resp: 13257

Ion Ratio Lower Upper

56 100

69 146.1 27.5 41.3#

84 107.1 76.7 115.1

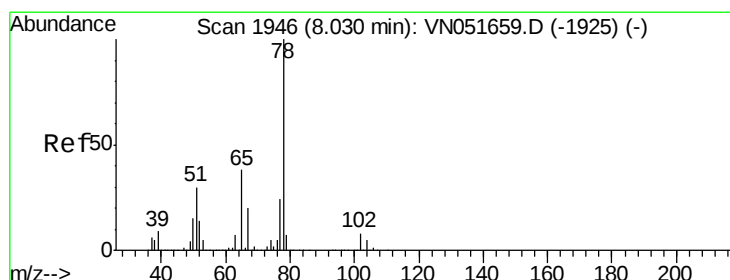
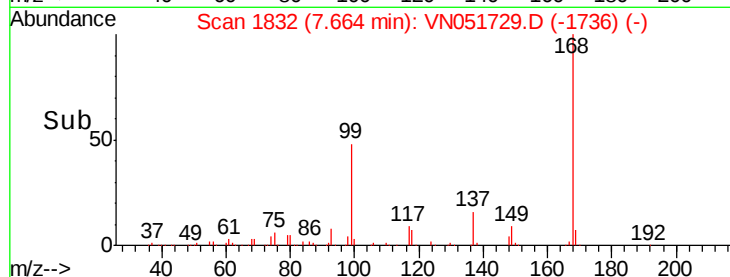
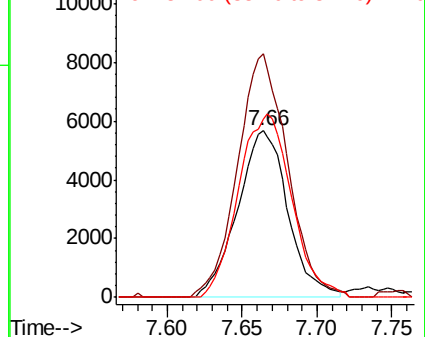


Abundance

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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051729.D

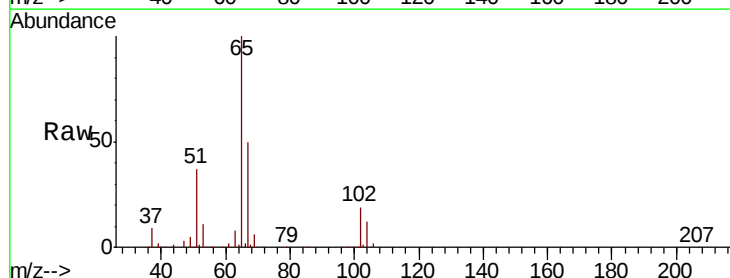
Acq: 8 Oct 2018 12:31

Tgt Ion: 65 Resp: 387813

Ion Ratio Lower Upper

65 100

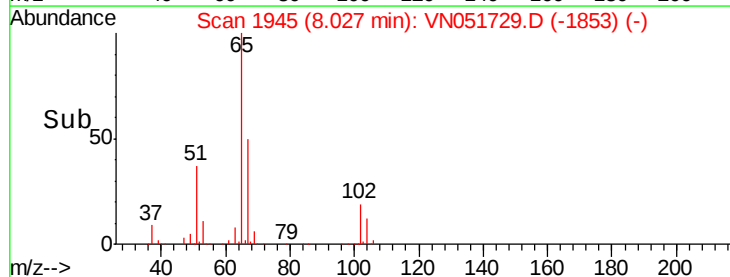
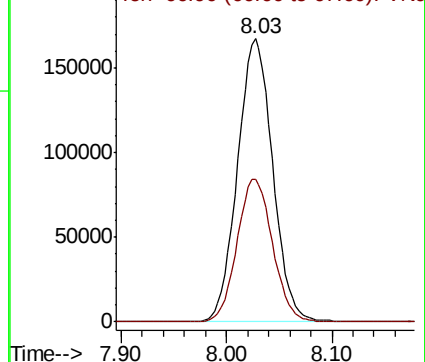
67 50.9 0.0 103.6

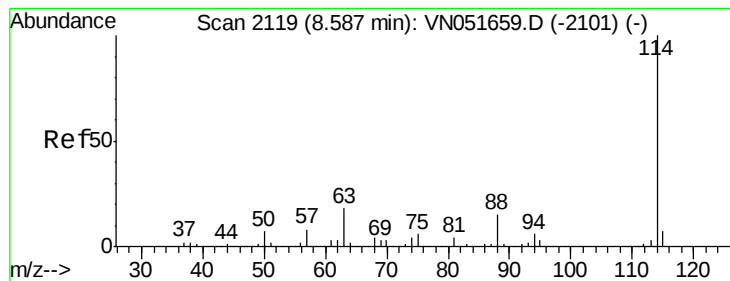


Abundance

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: VN051729.D

Acq: 8 Oct 2018 12:31

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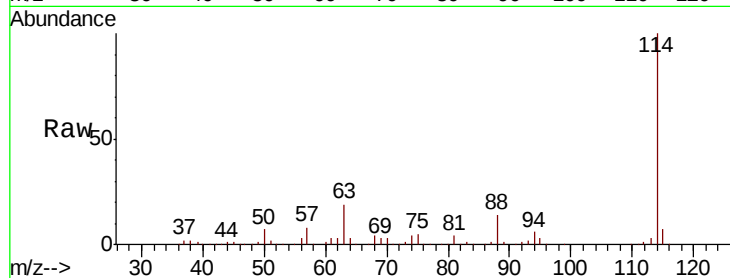
Tot Ion:114 Resp: 927152

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

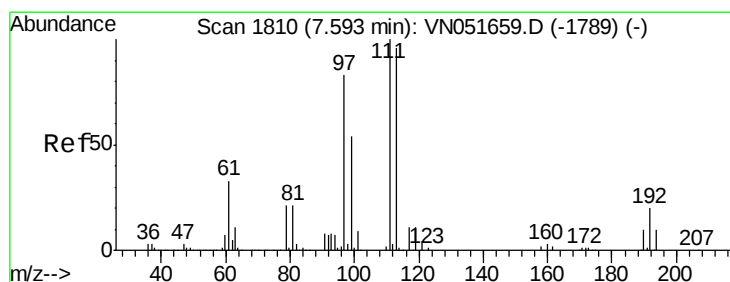
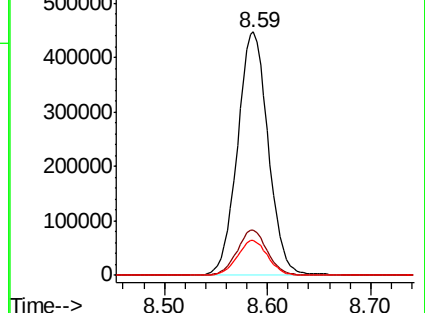
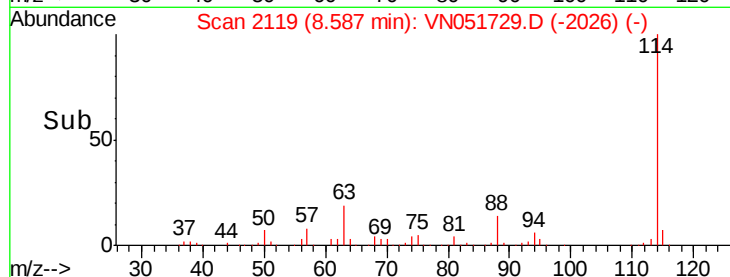
88 14.4 0.0 30.2



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

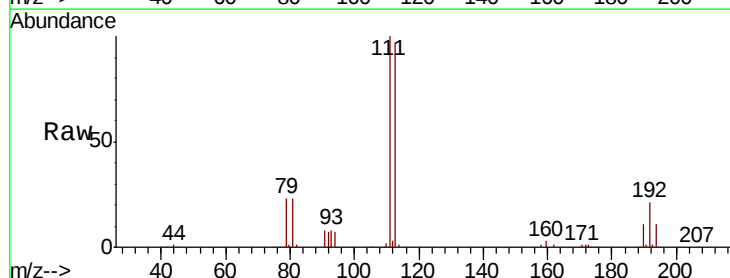
Tgt Ion:113 Resp: 354162

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

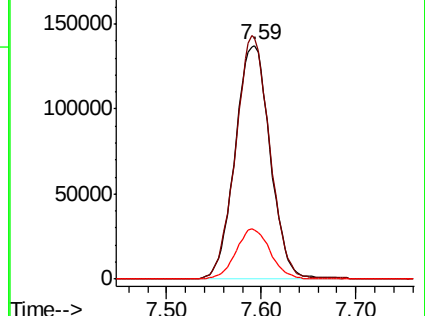
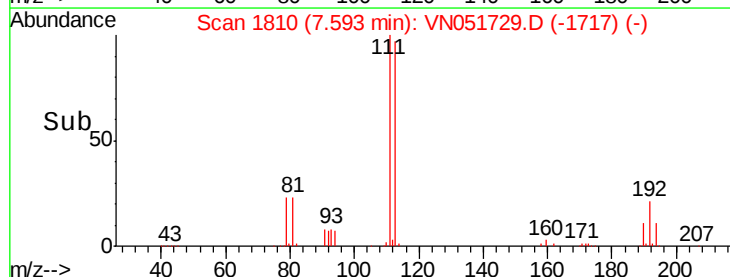
192 20.9 16.5 24.7

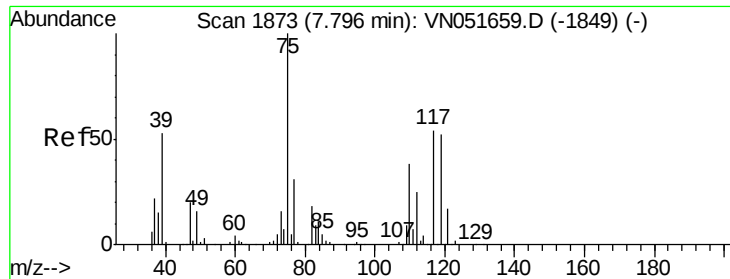


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

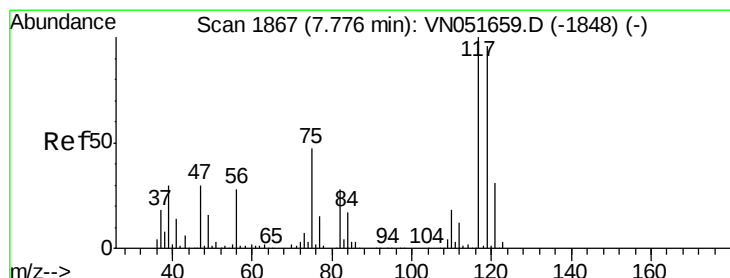
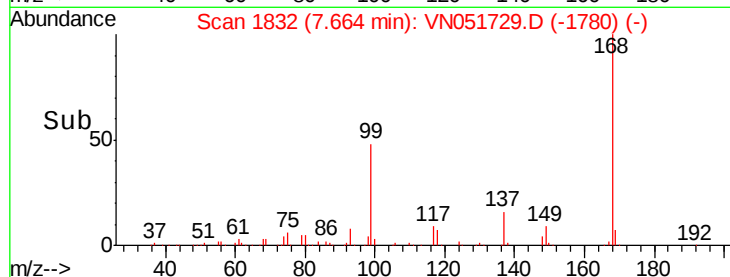
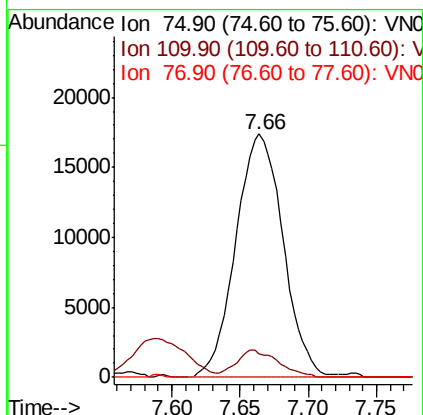
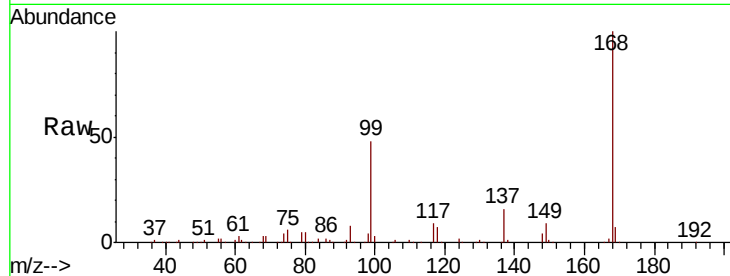




#36
 1,1-Dichloropropene
 Concen: 4.317 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051729.D
 Acq: 8 Oct 2018 12:31

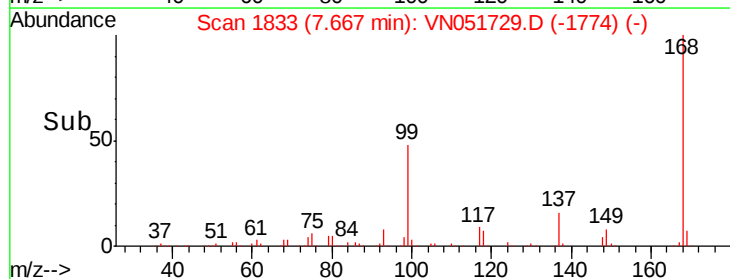
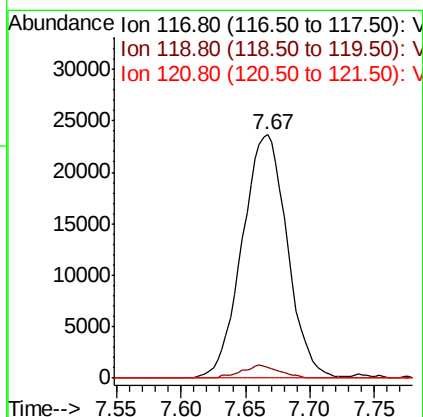
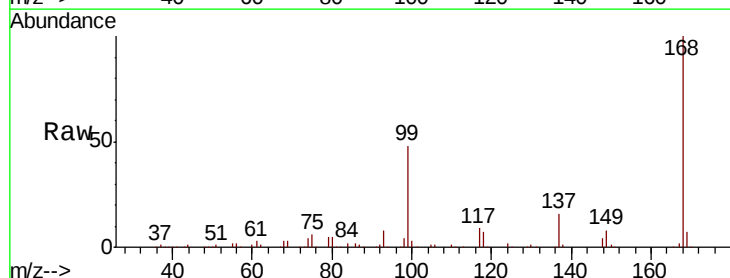
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-092718-FD-S

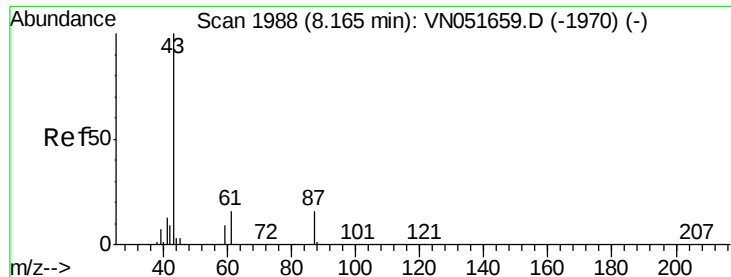
Tot Ion	75	Resp	41839
Ion Ratio	100	Lower	Upper
75	100		
110	10.0	19.3	57.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 4.942 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051729.D
 Acq: 8 Oct 2018 12:31

Tgt Ion	117	Resp	57465
Ion Ratio	100	Lower	Upper
117	100		
119	4.4	77.0	115.6#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 6.455 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.08 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

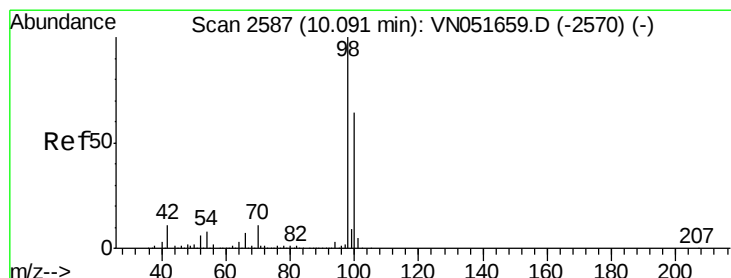
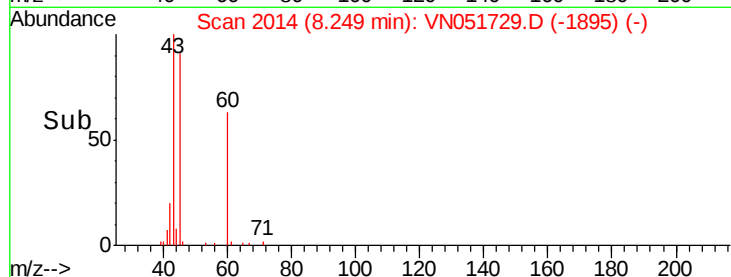
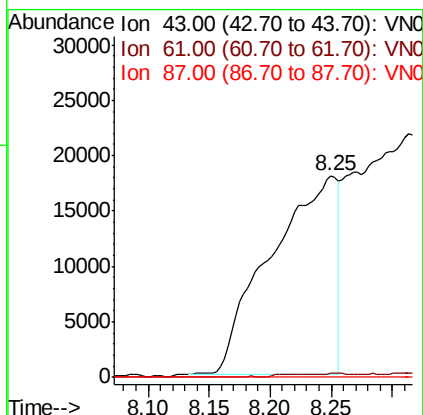
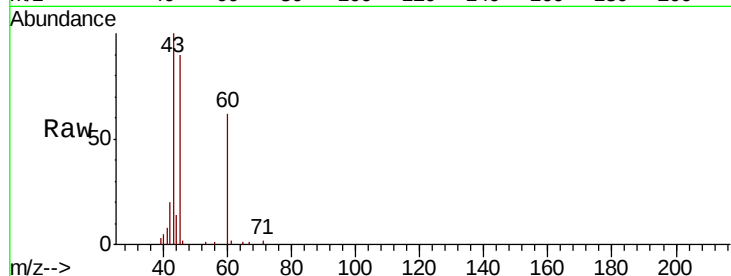
Tot Ion: 43 Resp: 68026

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

87 0.0 12.6 19.0#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051729.D

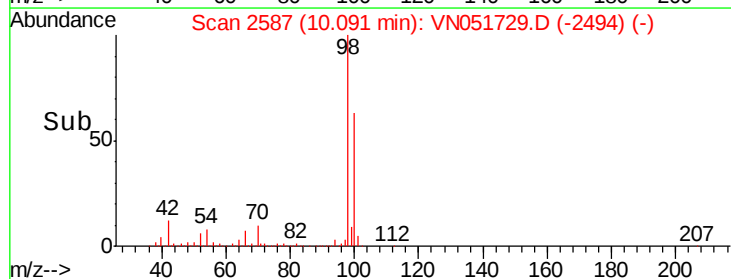
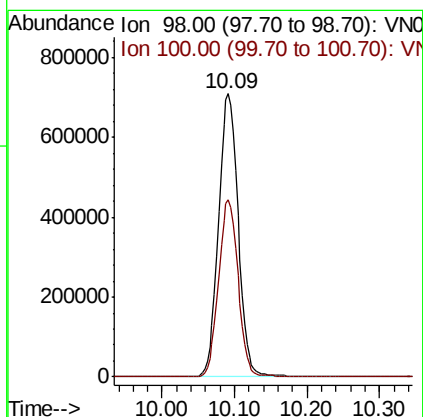
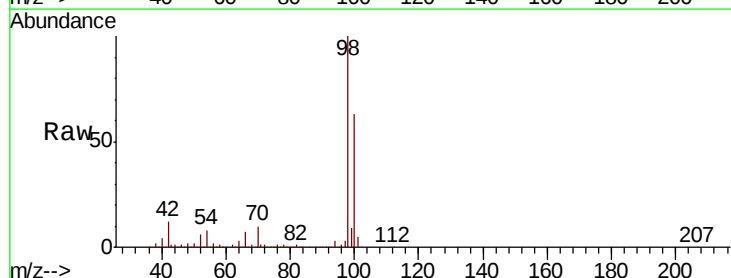
Acq: 8 Oct 2018 12:31

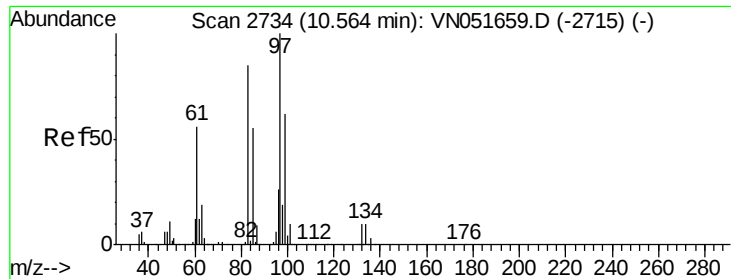
Tgt Ion: 98 Resp: 1332400

Ion Ratio Lower Upper

98 100

100 62.4 51.5 77.3





#55

1,1,2-Trichloroethane

Concen: 1.380 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

Tot Ion: 97 Resp: 9392

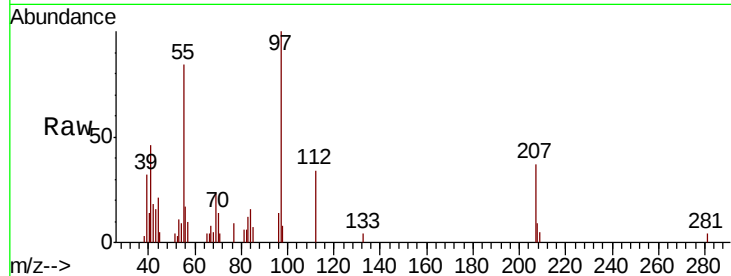
Ion Ratio Lower Upper

97 100

83 12.2 68.1 102.1#

85 7.3 43.6 65.4#

99 0.0 49.4 74.0#

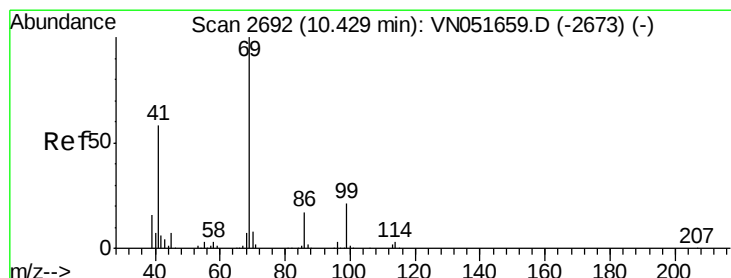
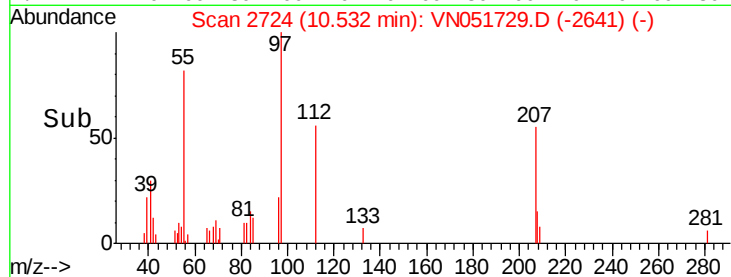
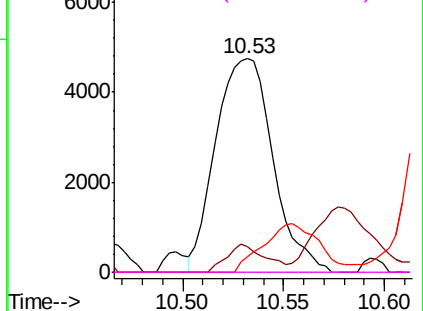


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.666 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

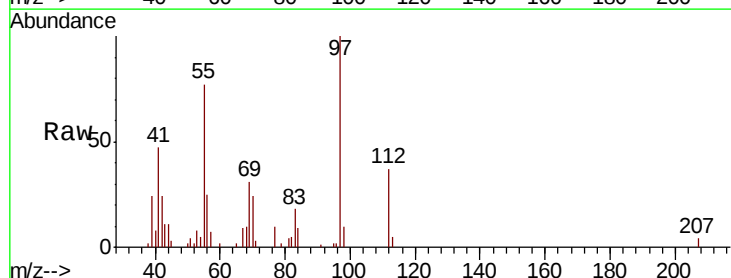
Tgt Ion: 69 Resp: 5730

Ion Ratio Lower Upper

69 100

41 165.5 46.4 69.6#

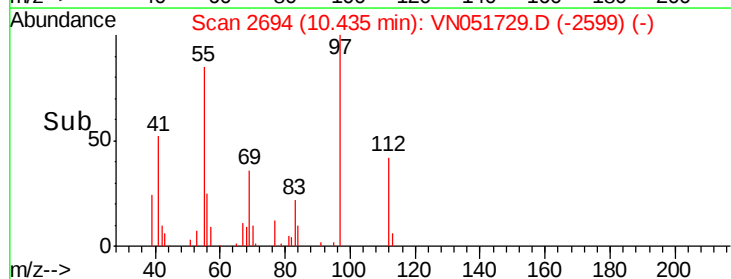
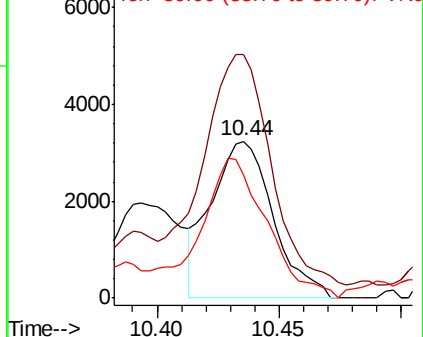
39 90.3 32.4 48.6#

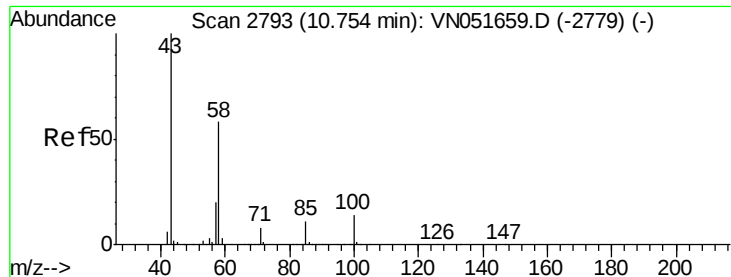


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

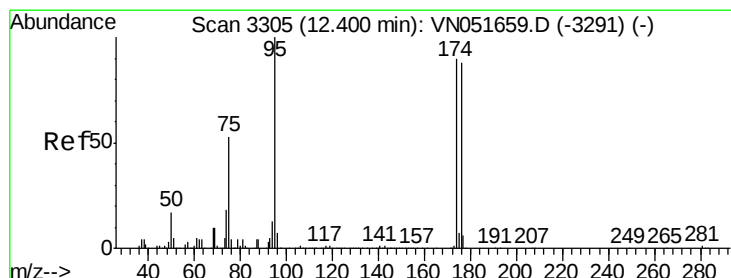
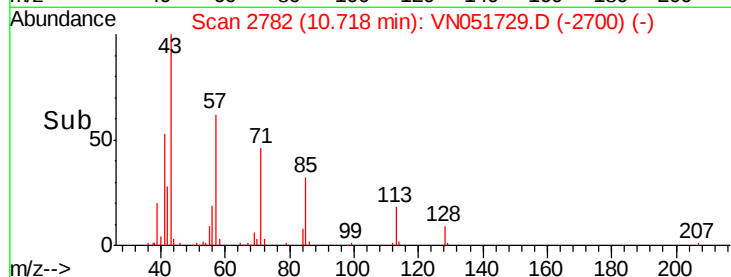
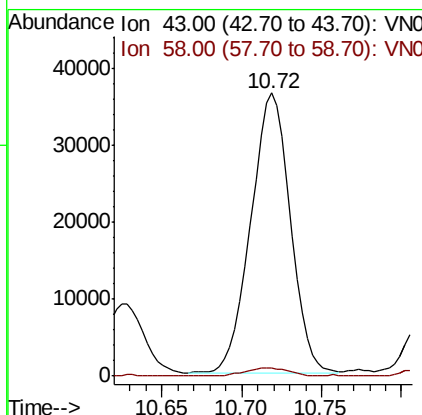
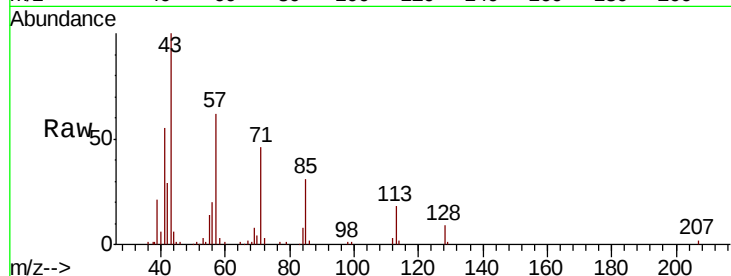




#59
2-Hexanone
Concen: 16.940 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

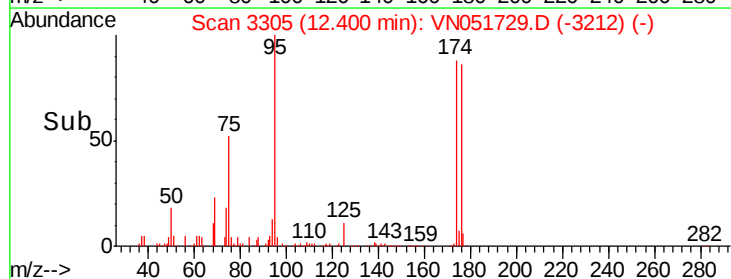
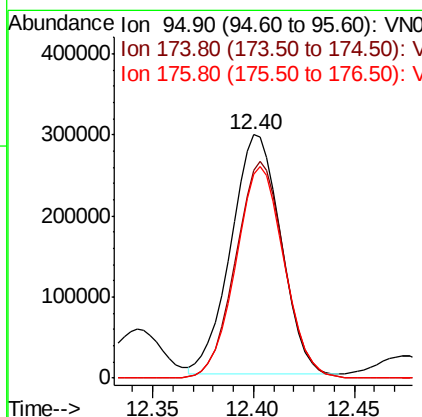
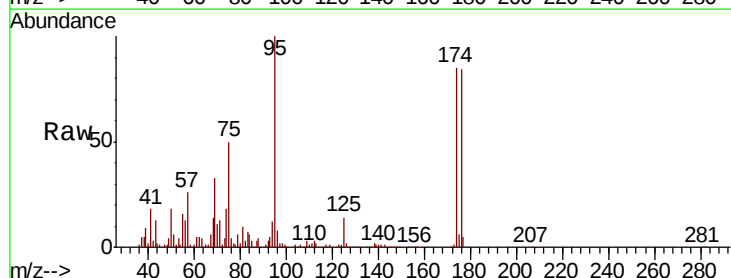
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-092718-FD-S

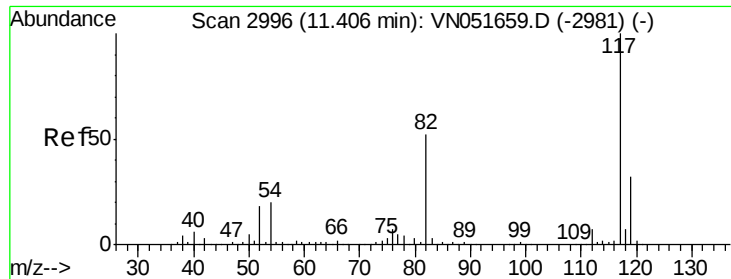
Tot Ion: 43 Resp: 61431
Ion Ratio Lower Upper
43 100
58 3.2 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Tgt Ion: 95 Resp: 510303
Ion Ratio Lower Upper
95 100
174 88.3 0.0 182.8
176 86.0 0.0 176.4

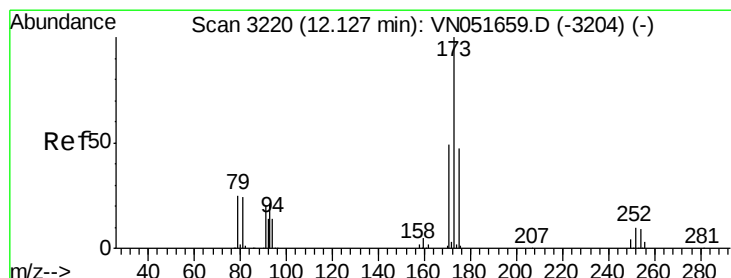
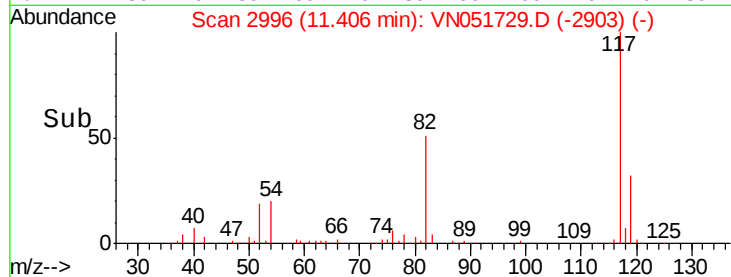
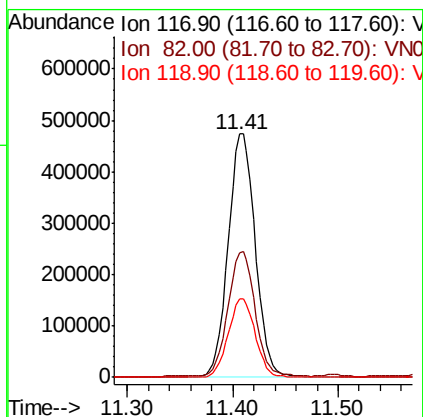
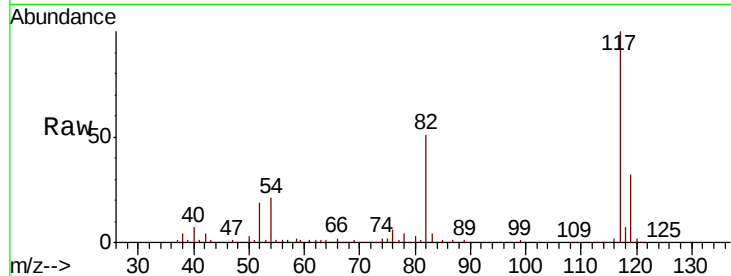




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

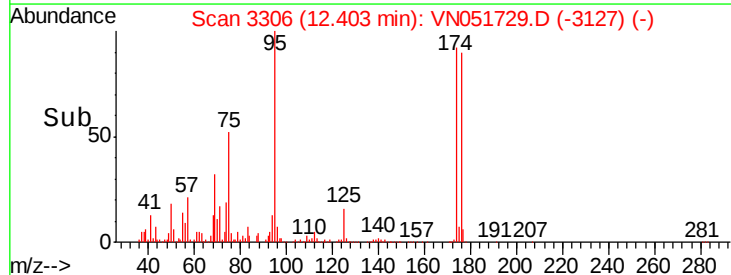
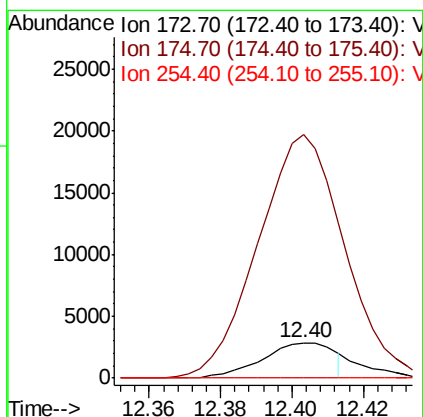
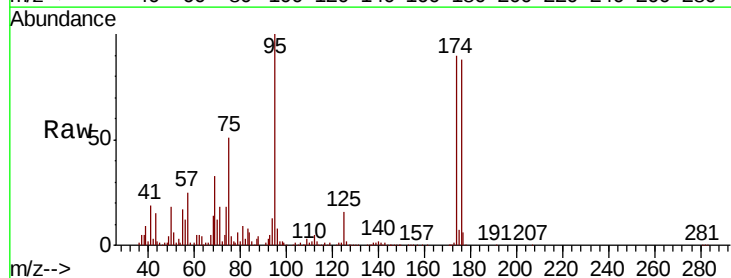
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-092718-FD-S

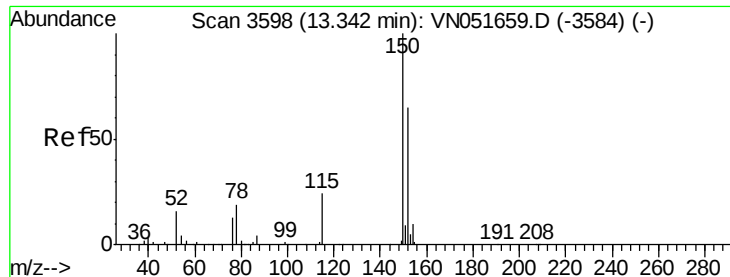
Tot Ion:117 Resp: 841319
Ion Ratio Lower Upper
117 100
82 50.6 41.3 61.9
119 32.0 25.9 38.9



#71
Bromoform
Concen: 0.637 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Tgt Ion:173 Resp: 3953
Ion Ratio Lower Upper
173 100
175 713.1 24.0 72.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

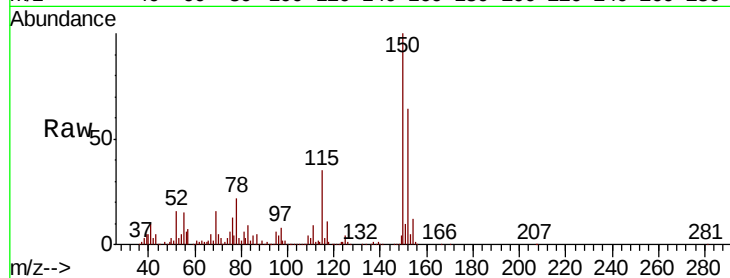
Tot Ion:152 Resp: 618751

Ion Ratio Lower Upper

152 100

115 52.9 28.6 85.8

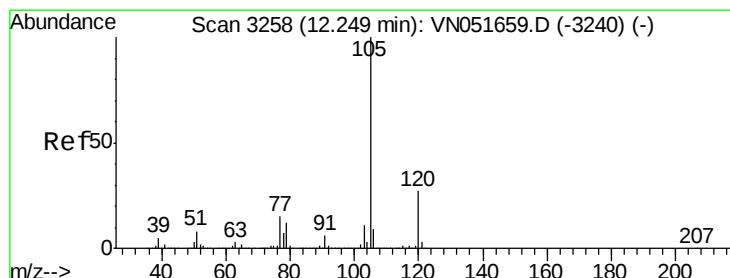
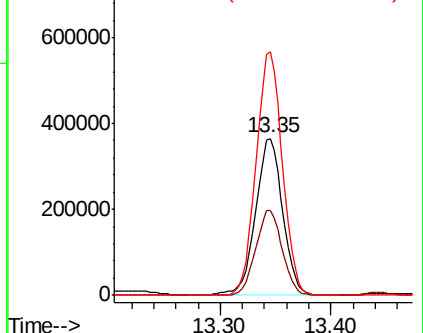
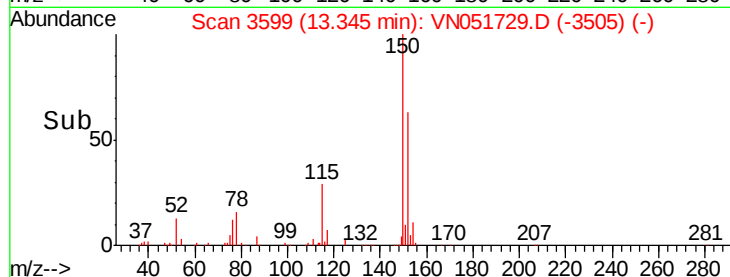
150 151.0 0.0 352.4



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: 2.332 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051729.D

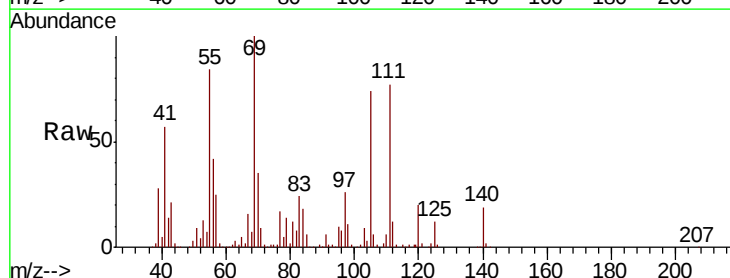
Acq: 8 Oct 2018 12:31

Tgt Ion:105 Resp: 122996

Ion Ratio Lower Upper

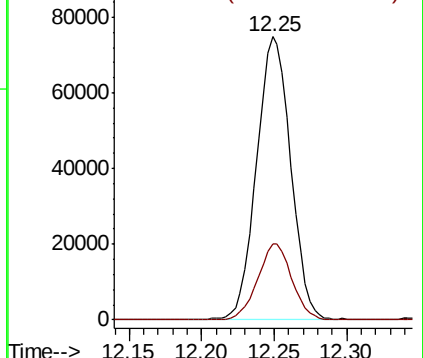
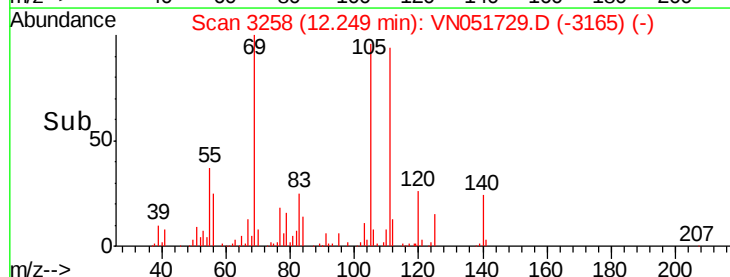
105 100

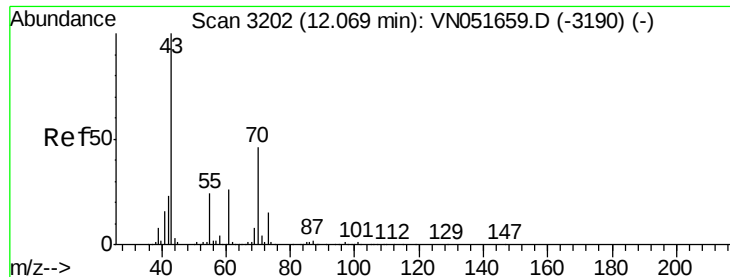
120 26.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 55.595 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

Tot Ion: 43 Resp: 602047

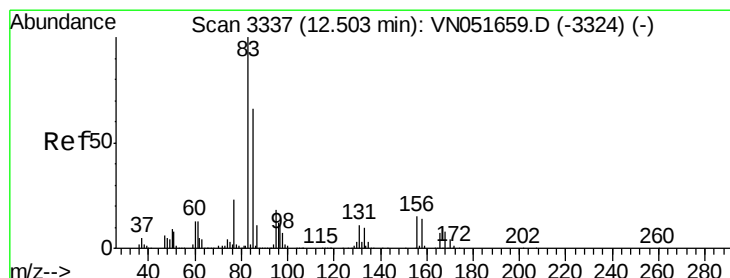
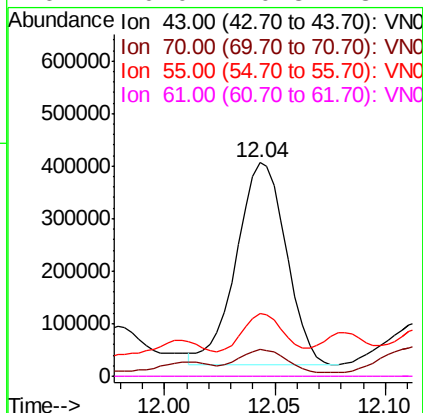
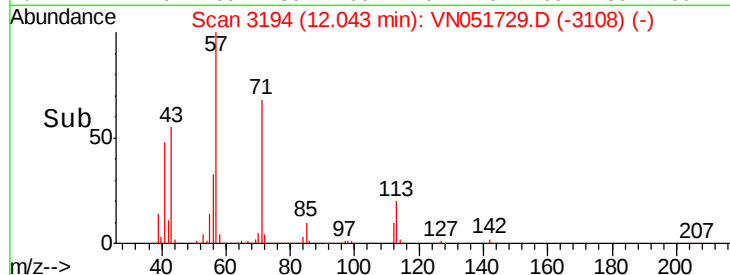
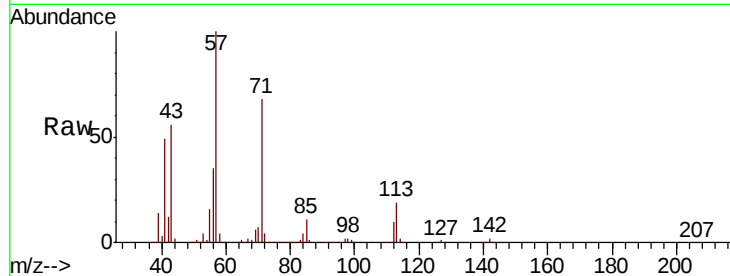
Ion Ratio Lower Upper

43 100

70 11.1 37.1 55.7#

55 14.7 19.1 28.7#

61 0.0 20.8 31.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.634 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.02 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

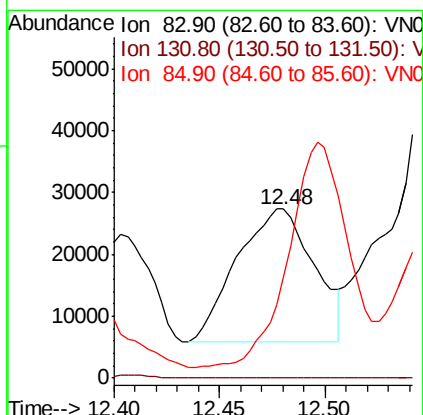
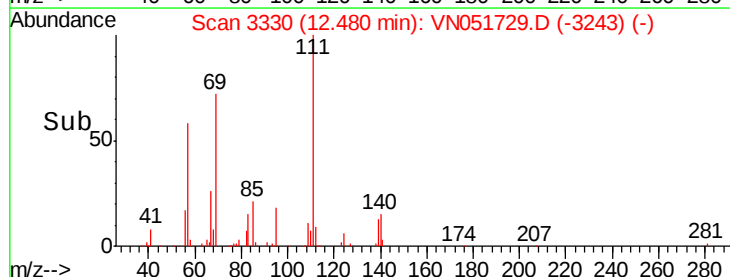
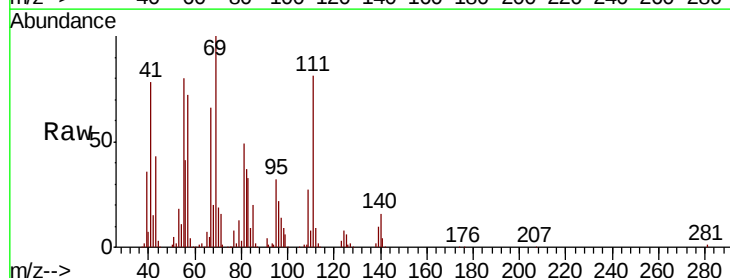
Tgt Ion: 83 Resp: 55005

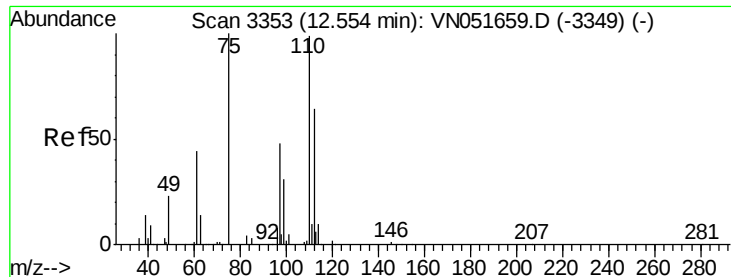
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 126.4 33.0 98.9#





#76

1,2,3-Trichloropropane

Concen: 31.549 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

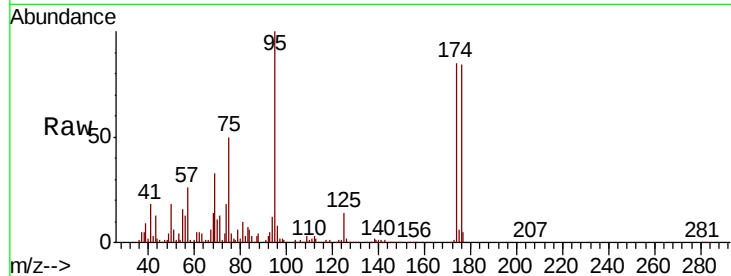
EP1-MW-092718-FD-S

Tot Ion: 75 Resp: 254197

Ion Ratio Lower Upper

75 100

77 3.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

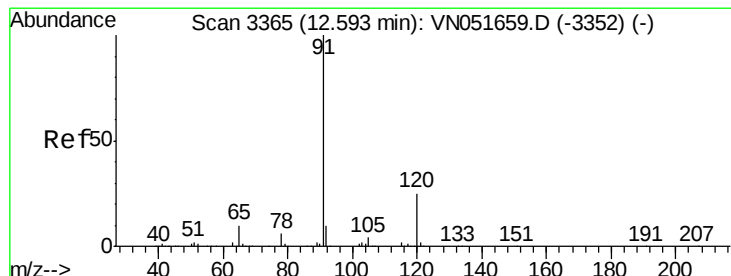
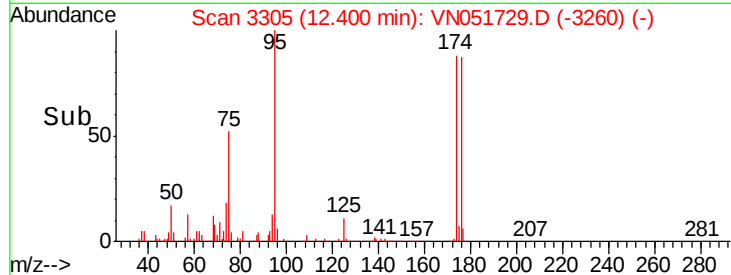
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 8.842 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051729.D

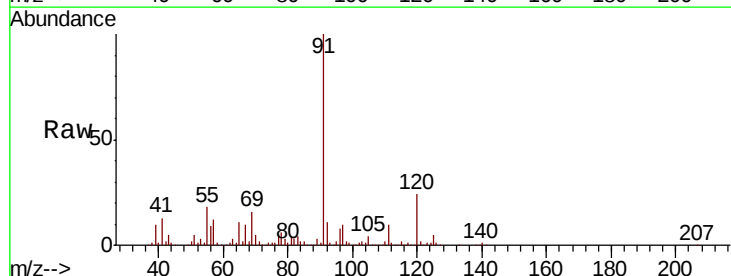
Acq: 8 Oct 2018 12:31

Tgt Ion: 91 Resp: 508679

Ion Ratio Lower Upper

91 100

120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

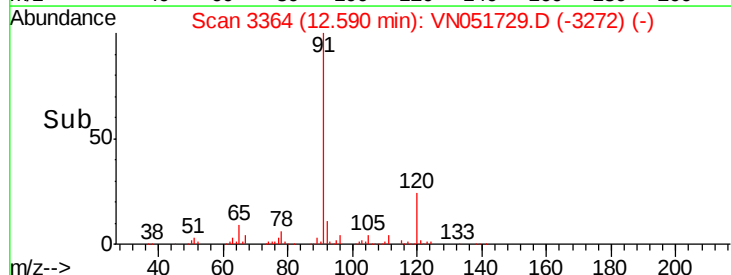
300000

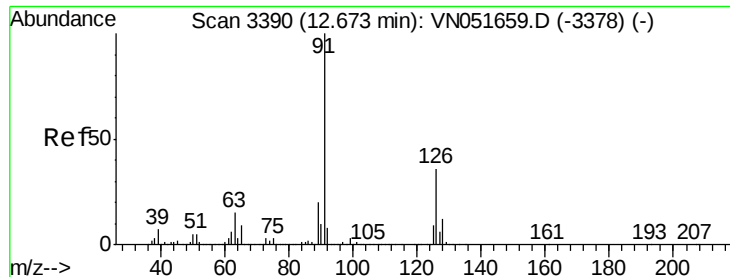
200000

100000

0

Time-->





#79

2-Chlorotoluene

Concen: 15.003 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

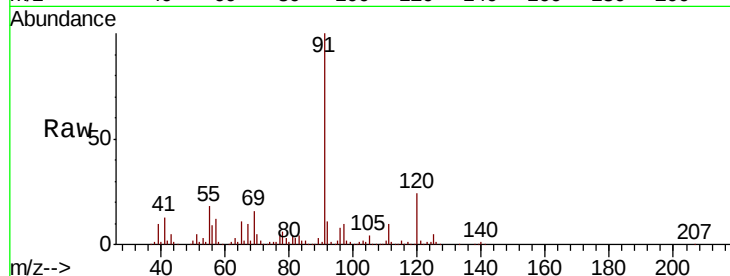
EP1-MW-092718-FD-S

Tot Ion: 91 Resp: 508679

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051659.D (-3378) (-)

12.59

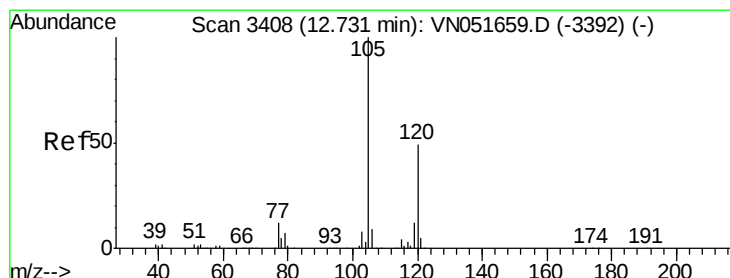
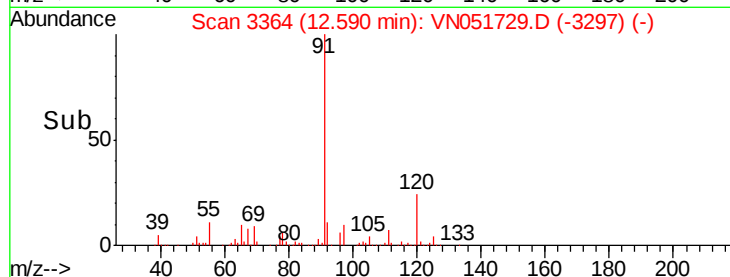
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.424 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.14 min

Lab File: VN051729.D

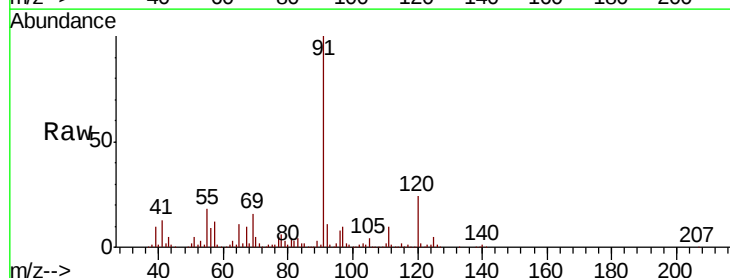
Acq: 8 Oct 2018 12:31

Tgt Ion:105 Resp: 18854

Ion Ratio Lower Upper

105 100

120 640.2 24.6 74.0#



Abundance Ion 105.00 (104.70 to 105.70): VN051659.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051659.D (-3392) (-)

12.59

80000

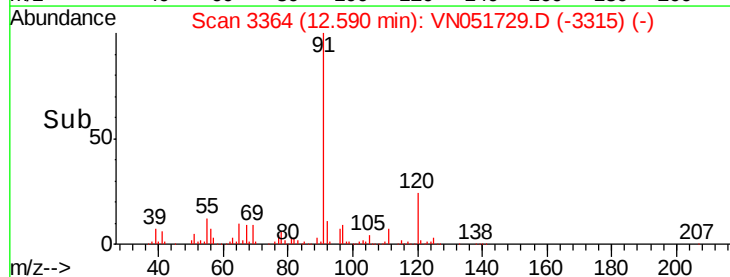
60000

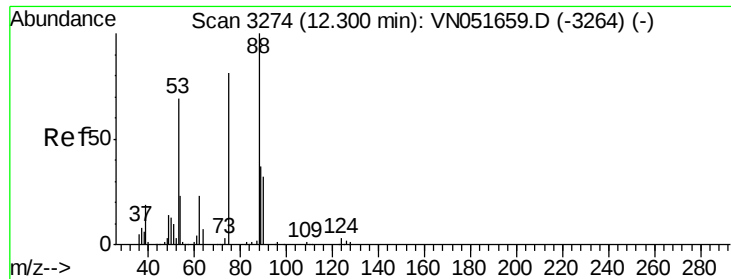
40000

20000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 75.517 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

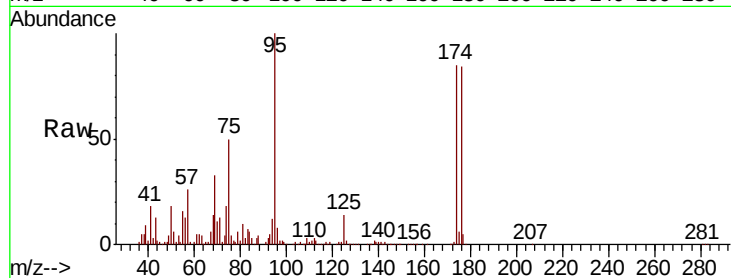
Tot Ion: 75 Resp: 254197

Ion Ratio Lower Upper

75 100

53 7.4 68.6 102.8#

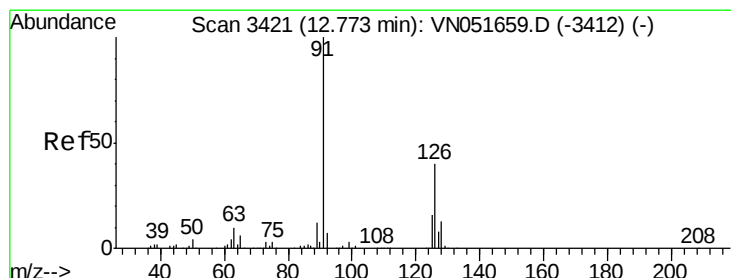
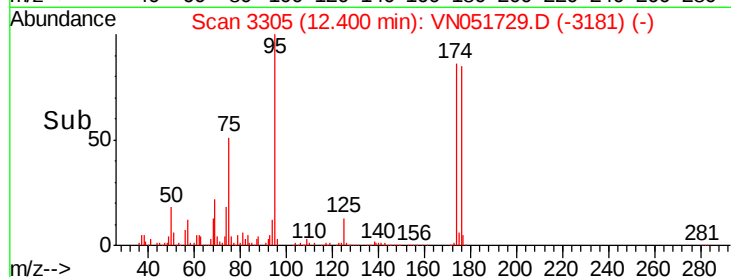
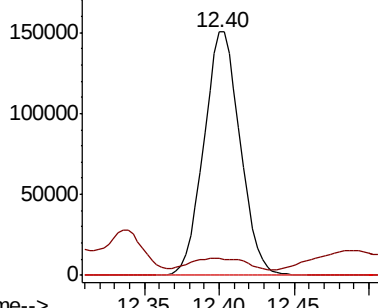
89 0.0 39.4 59.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 3.072 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.27 min

Lab File: VN051729.D

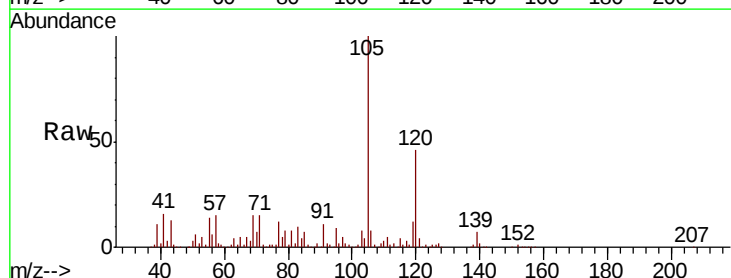
Acq: 8 Oct 2018 12:31

Tgt Ion: 91 Resp: 104645

Ion Ratio Lower Upper

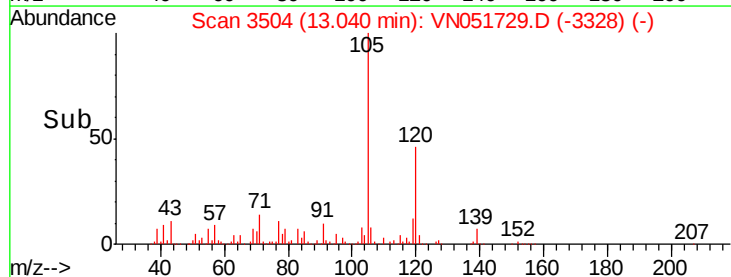
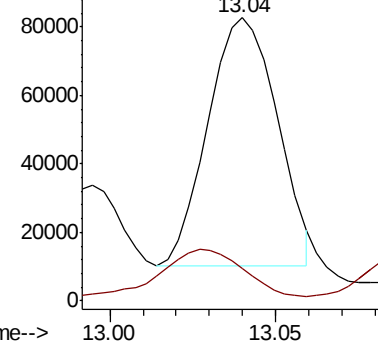
91 100

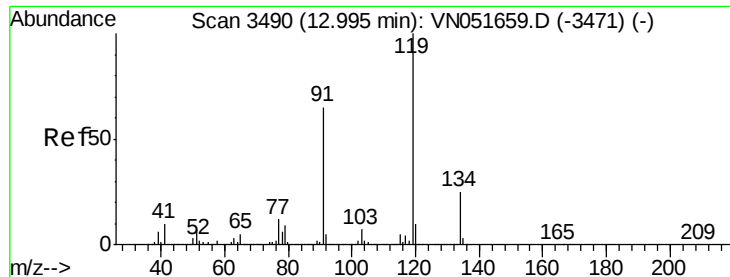
126 22.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

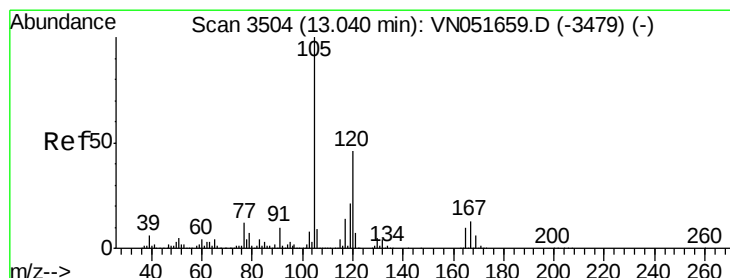
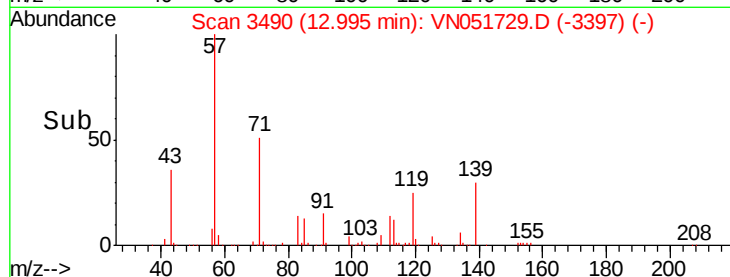
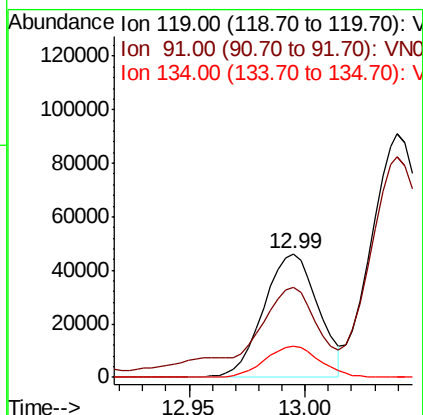
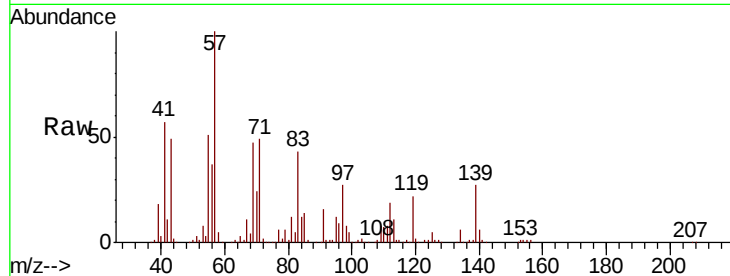




#83
tert-Butylbenzene
Concen: 1.899 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

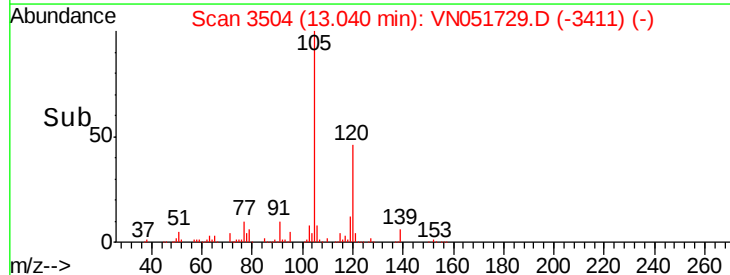
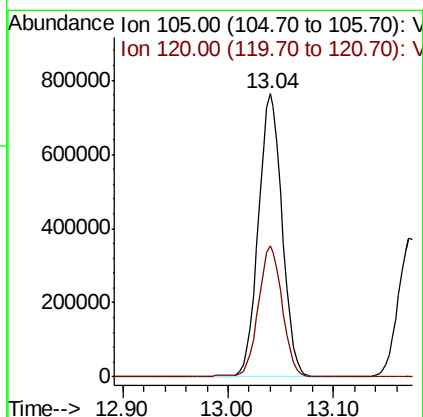
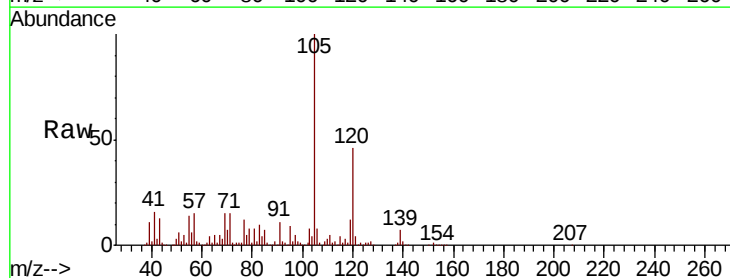
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-092718-FD-S

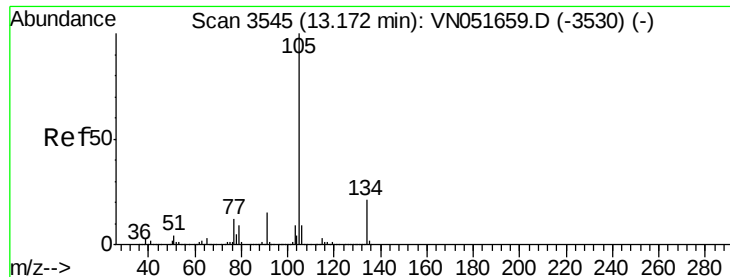
Tot Ion:119 Resp: 75617
Ion Ratio Lower Upper
119 100
91 76.8 32.1 96.5
134 25.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 26.823 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Tgt Ion:105 Resp: 1194232
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 11.339 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

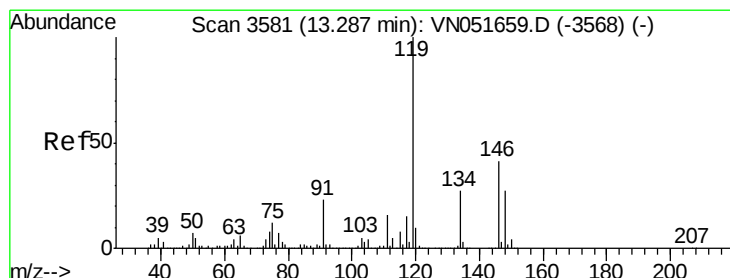
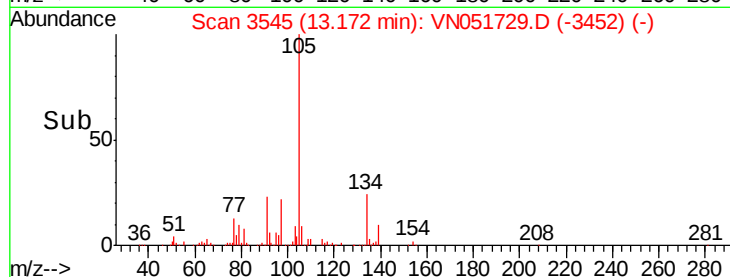
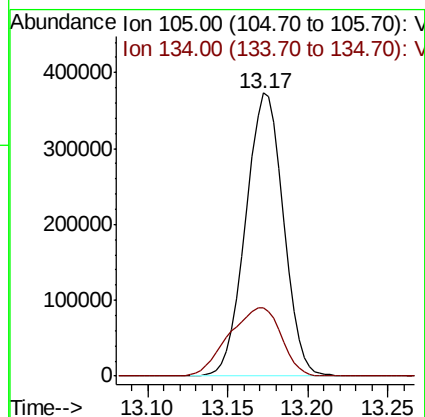
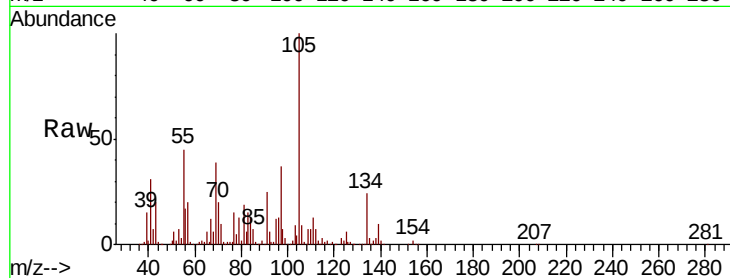
EP1-MW-092718-FD-S

Tot Ion:105 Resp: 597410

Ion Ratio Lower Upper

105 100

134 33.8 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 2.802 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

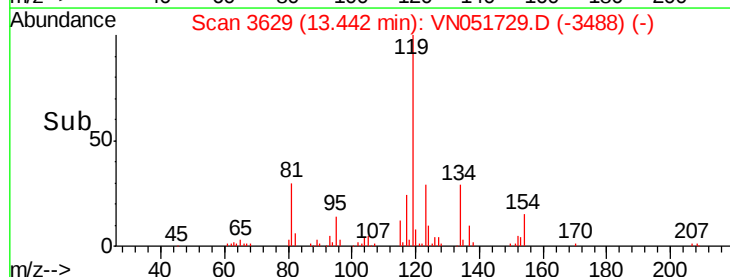
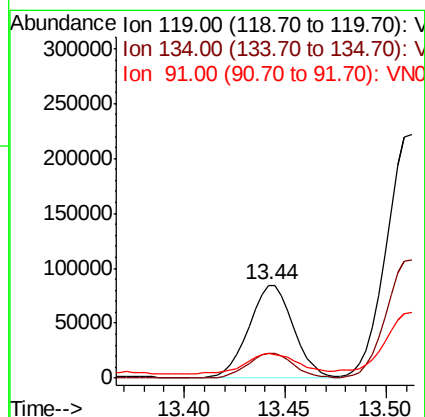
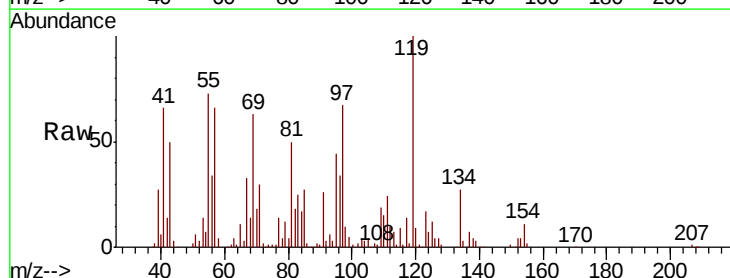
Tgt Ion:119 Resp: 130852

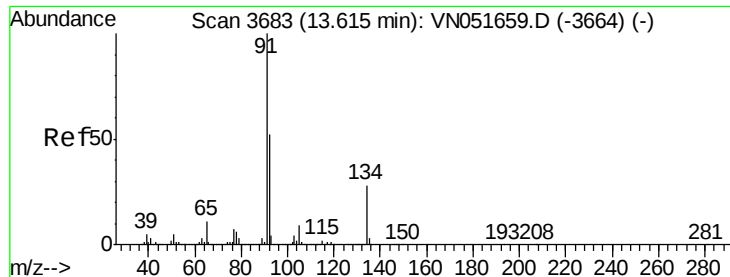
Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.2

91 26.7 11.7 35.1

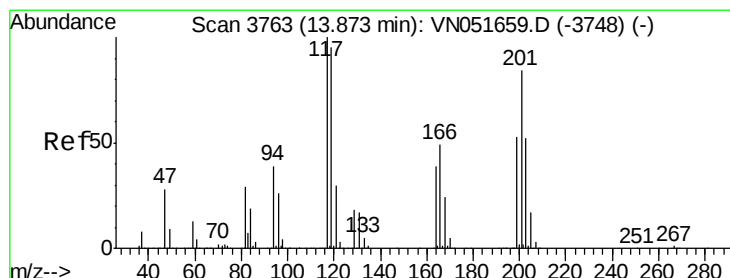
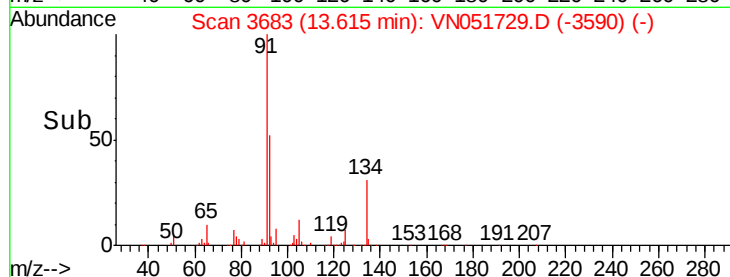
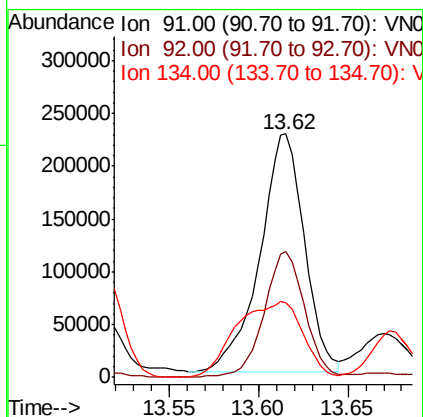
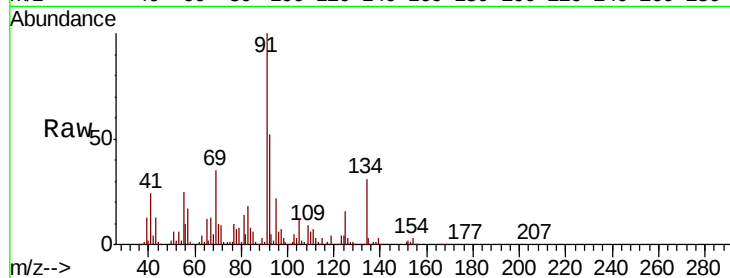




#89
n-Butylbenzene
Concen: 10.600 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

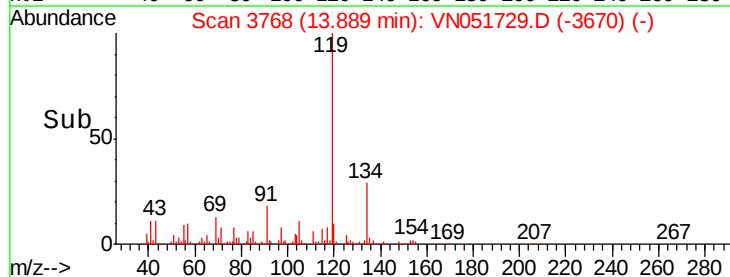
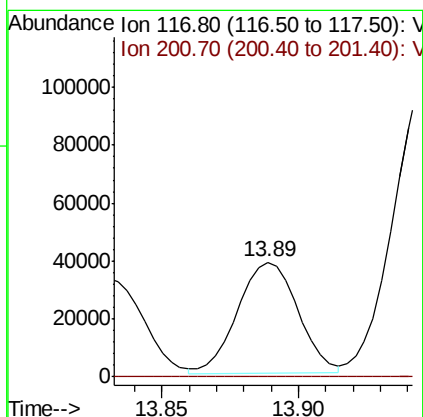
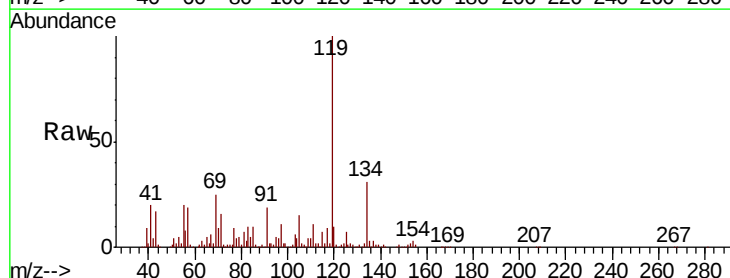
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-092718-FD-S

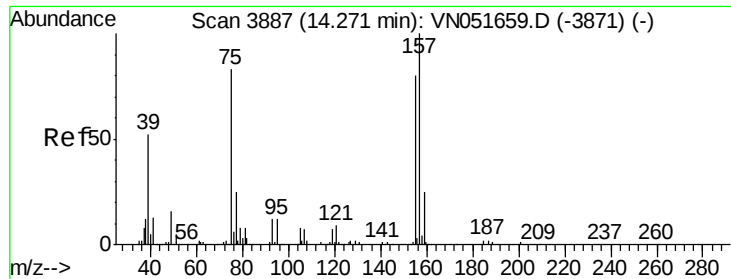
Tot Ion: 91 Resp: 391440
Ion Ratio Lower Upper
91 100
92 47.6 26.0 78.0
134 47.6 14.2 42.6#



#90
Hexachloroethane
Concen: 6.322 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051729.D
Acq: 8 Oct 2018 12:31

Tgt Ion: 117 Resp: 58916
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.441 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051729.D

Acq: 8 Oct 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-092718-FD-S

Tot Ion: 75 Resp: 4522

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.9#

157 0.0 61.7 185.1#

