

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051410.D
 Acq On : 23 Sep 2018 13:58
 Operator : MD\SY
 Sample : J4777-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

Quant Time: Sep 24 06:45:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	655336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347480	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	440327	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
35) Dibromofluoromethane	7.59	113	389586	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
50) Toluene-d8	10.09	98	1419446	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.40	95	406941	40.98	ug/l	0.00
Spiked Amount			Recovery	=	81.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	1612	0.309	ug/l #	62
8) Diethyl Ether	3.41	74	1535	Below Cal		81
16) Acetone	3.82	43	27035	Below Cal		98
18) Methyl Acetate	4.34	43	8420	1.347	ug/l	97
20) Methylene Chloride	4.55	84	86857	10.692	ug/l	96
25) 2-Butanone	6.84	43	2259	0.804	ug/l #	88
29) Tetrahydrofuran	7.21	42	878	0.493	ug/l #	64
30) Chloroform	7.37	83	7725	0.553	ug/l #	83
31) Cyclohexane	7.66	56	17717	1.371	ug/l #	5
36) 1,1-Dichloropropene	7.67	75	44631	3.781	ug/l #	49
38) Carbon Tetrachloride	7.67	117	60034	4.862	ug/l #	17
39) Methylcyclohexane	9.08	83	18137	1.314	ug/l	93
43) Isopropyl Acetate	8.17	43	209877	17.099	ug/l	96
48) Methyl methacrylate	9.18	41	4301	0.703	ug/l #	25
51) 4-Methyl-2-Pentanone	9.99	43	2620	0.388	ug/l #	63
58) 2-Chloroethyl Vinyl ether	9.96	63	110	20.389	ug/l #	48
59) 2-Hexanone	10.77	43	11415	2.609	ug/l #	54
67) Ethyl Benzene	11.51	91	12545	0.341	ug/l	98
71) Bromoform	12.40	173	2799	0.495	ug/l #	1
73) Isopropylbenzene	12.25	105	29590	1.009	ug/l	98
76) 1,2,3-Trichloropropane	12.40	75	198666	34.440	ug/l #	100
78) n-propylbenzene	12.59	91	51781	1.567	ug/l	100
79) 2-Chlorotoluene	12.59	91	51781	2.618	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	13148	0.550	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	198666	105.902	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	11338	0.471	ug/l	97
85) sec-Butylbenzene	13.17	105	15566	0.541	ug/l	81
86) p-Isopropyltoluene	13.29	119	15608	0.627	ug/l	95
89) n-Butylbenzene	13.62	91	16847	0.823	ug/l #	69
90) Hexachloroethane	13.89	117	9572	1.929	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	459	6.042	ug/l #	1
95) Naphthalene	15.13	128	21760	9.458	ug/l	95

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QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

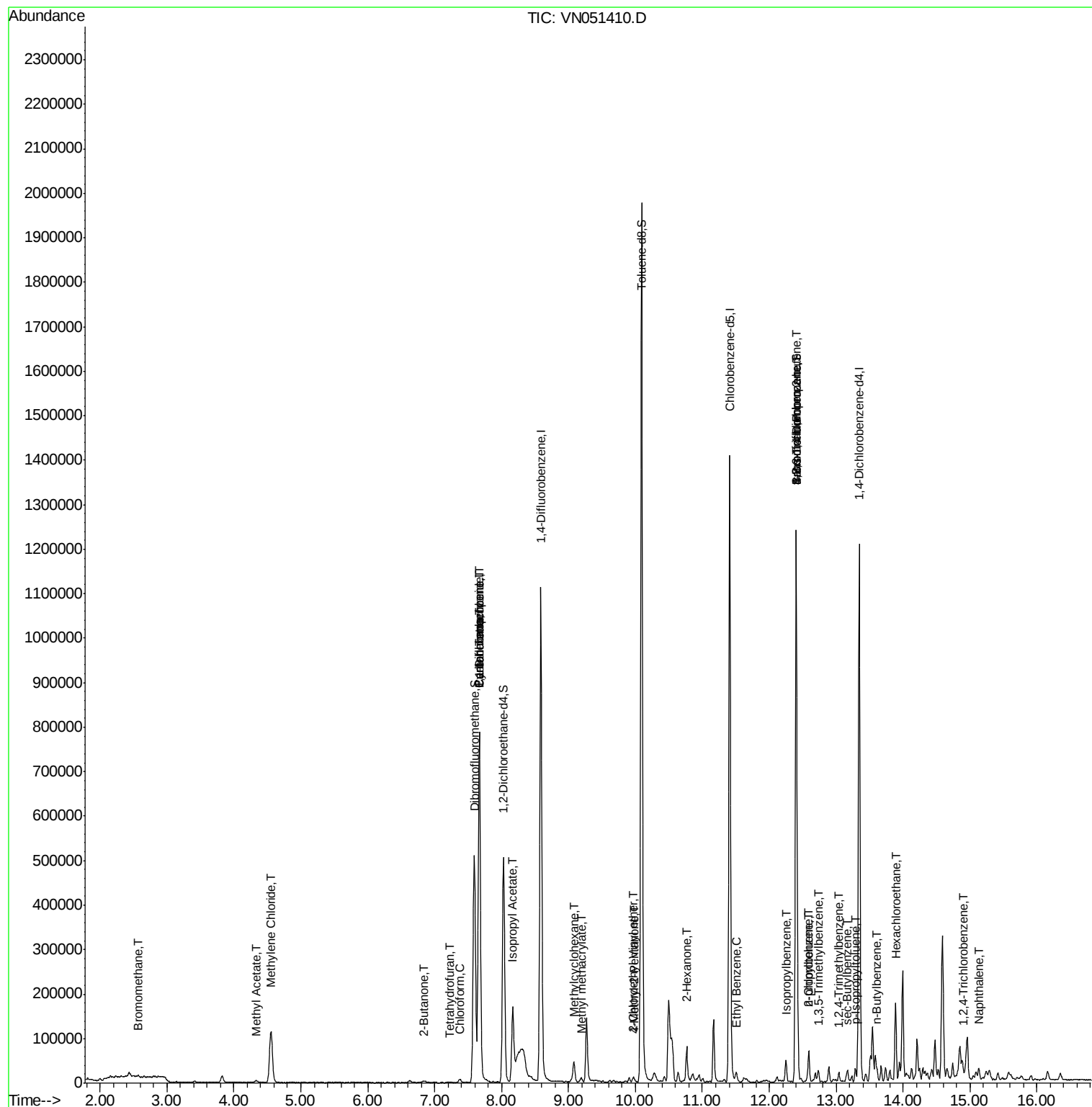
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

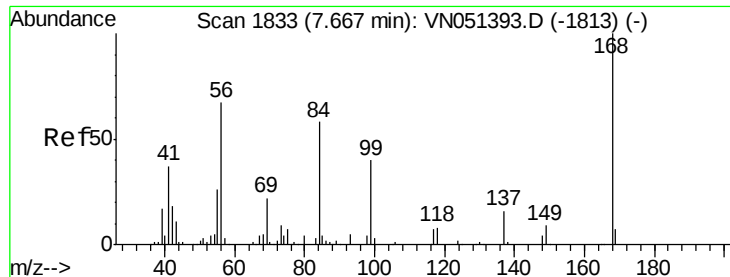
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Data File : VN051410.D
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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: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

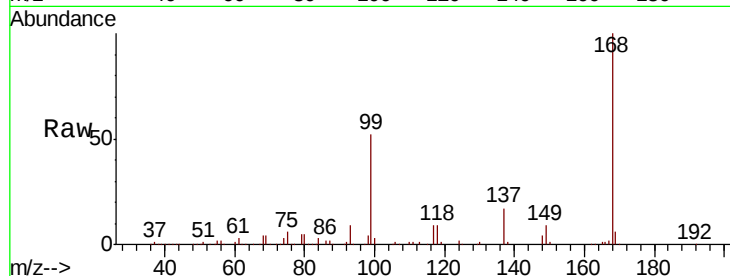
PL-03-092018-B

Tgt Ion:168 Resp: 655336

Ion Ratio Lower Upper

168 100

99 51.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

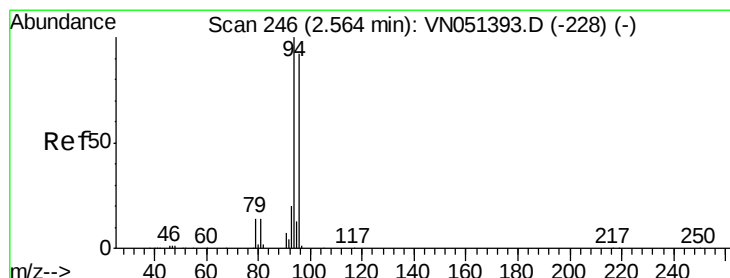
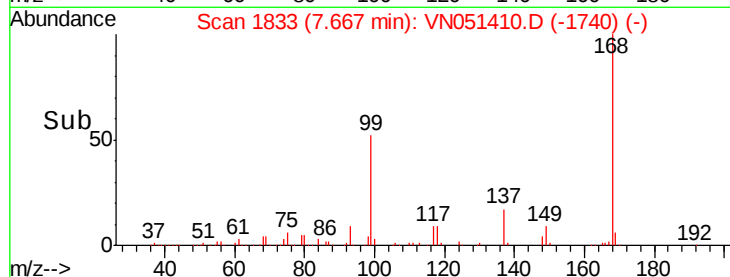
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.309 ug/l

RT: 2.58 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN051410.D

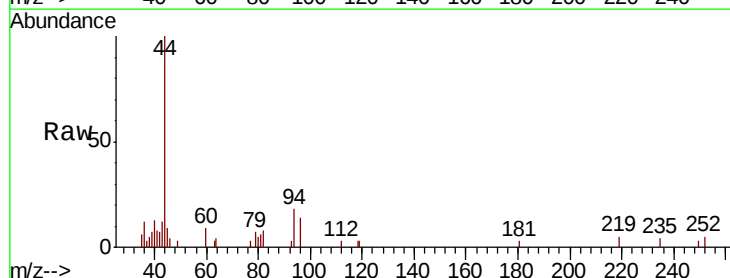
Acq: 23 Sep 2018 13:58

Tgt Ion: 94 Resp: 1612

Ion Ratio Lower Upper

94 100

96 55.8 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VN051410.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051410.D (-153) (-)

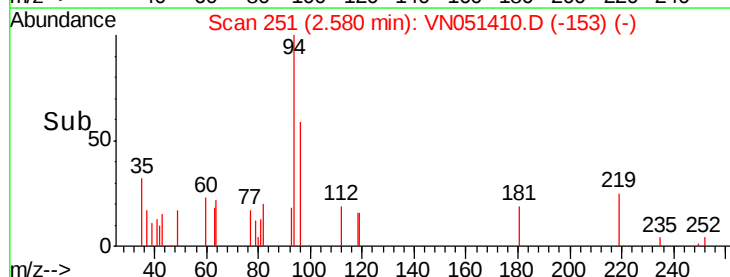
2.58

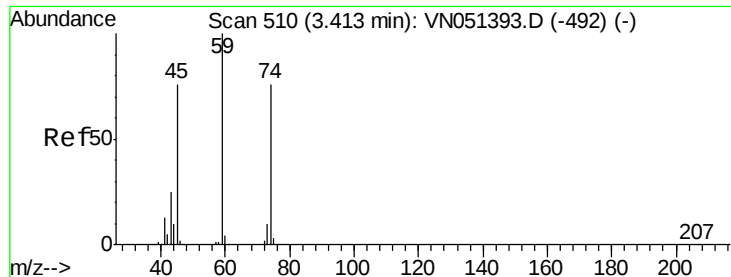
1000

500

0

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

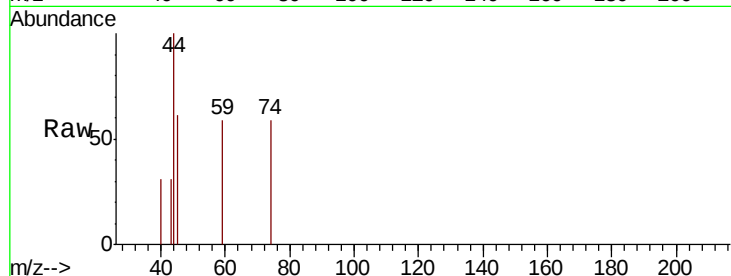
PL-03-092018-B

Tgt Ion: 74 Resp: 1535

Ion Ratio Lower Upper

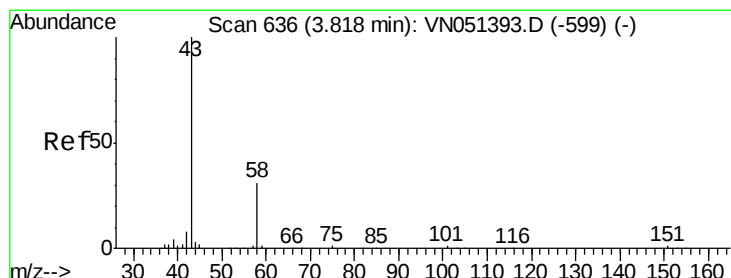
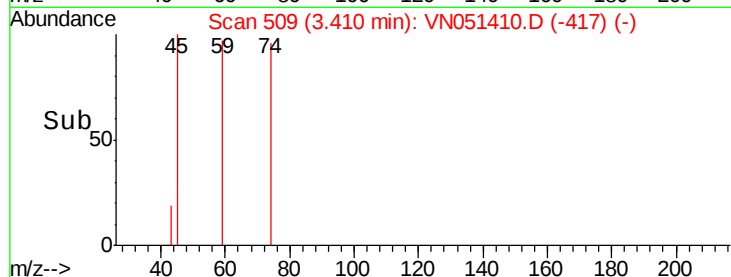
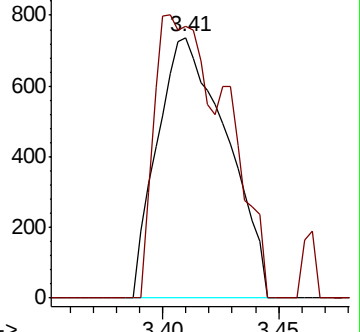
74 100

45 81.9 50.2 150.7



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051410.D

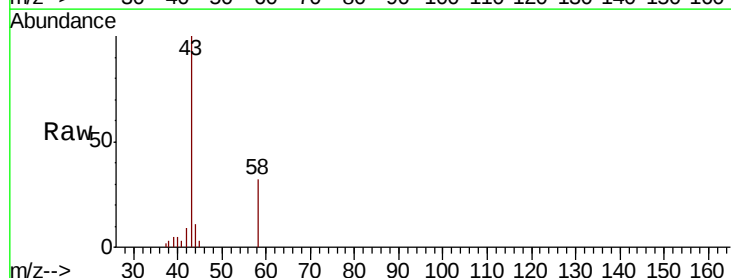
Acq: 23 Sep 2018 13:58

Tgt Ion: 43 Resp: 27035

Ion Ratio Lower Upper

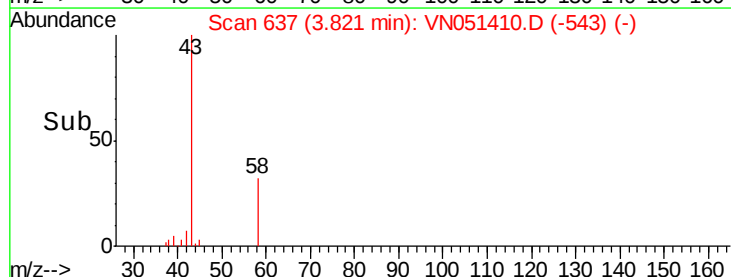
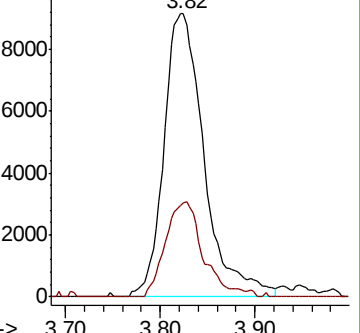
43 100

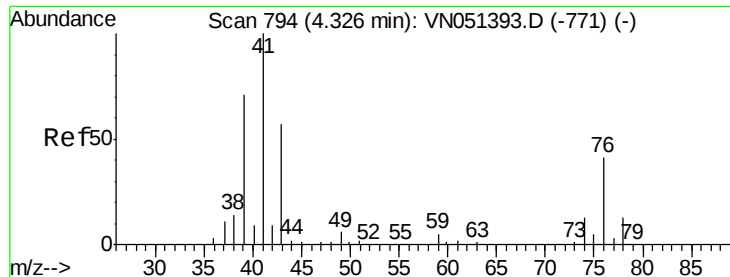
58 32.1 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

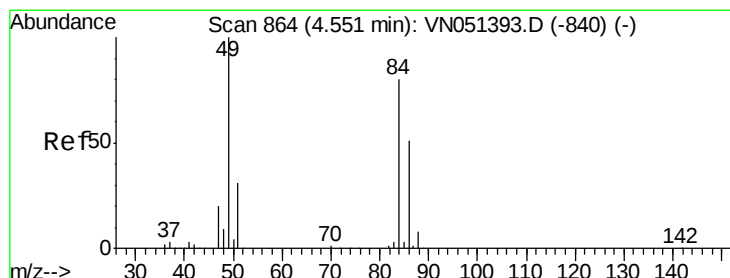
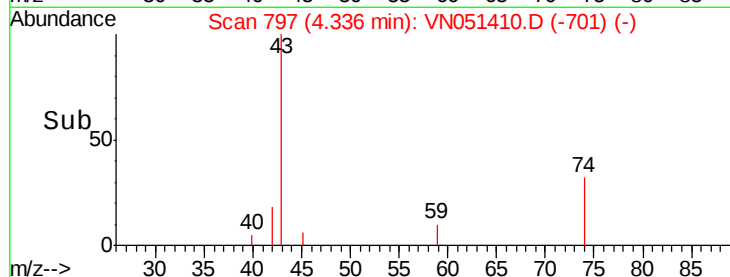
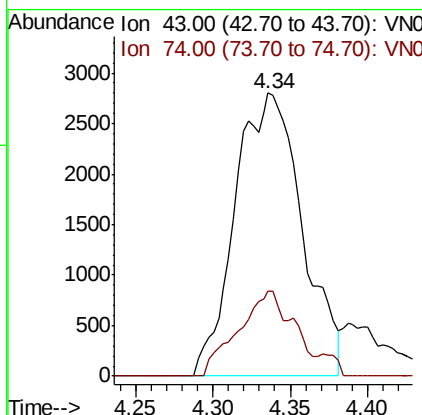
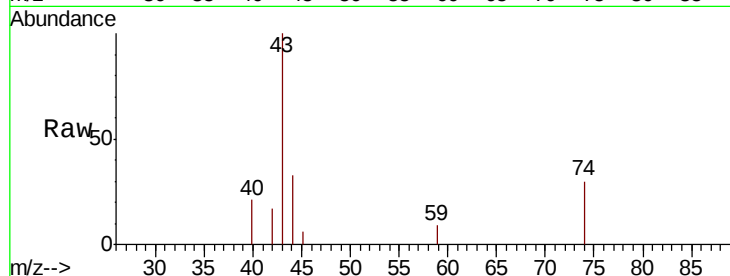




#18
Methyl Acetate
Concen: 1.347 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

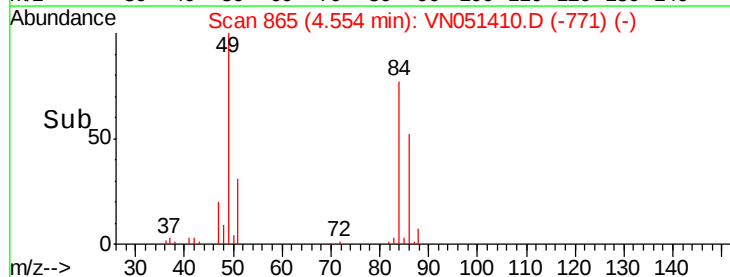
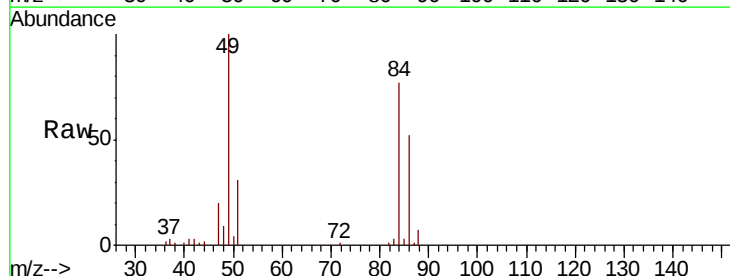
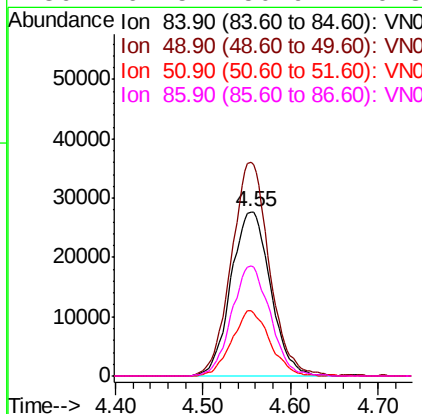
Instrument :
MSVOA_N
ClientSampleId :
PL-03-092018-B

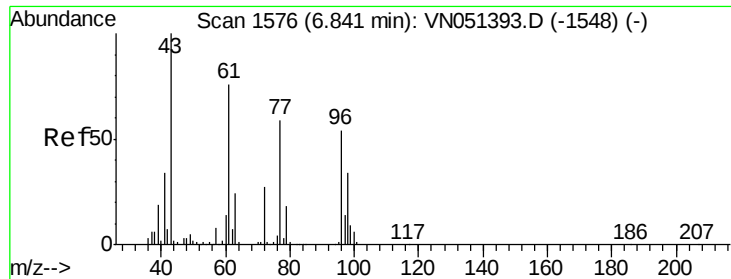
Tgt Ion: 43 Resp: 8420
Ion Ratio Lower Upper
43 100
74 25.1 18.8 28.2



#20
Methylene Chloride
Concen: 10.692 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Tgt Ion: 84 Resp: 86857
Ion Ratio Lower Upper
84 100
49 130.1 99.9 149.9
51 39.8 31.4 47.2
86 67.5 50.9 76.3

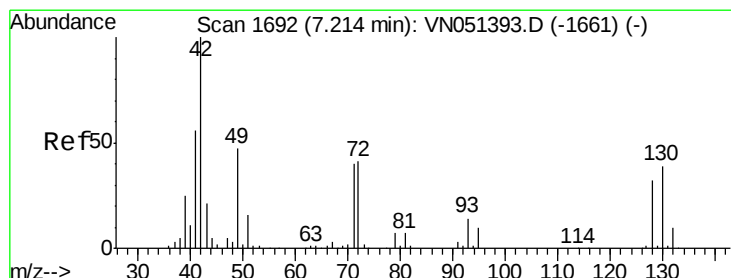
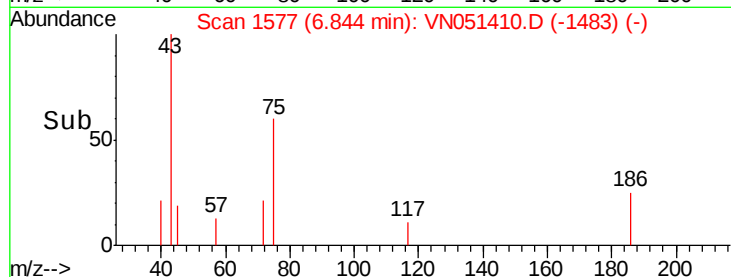
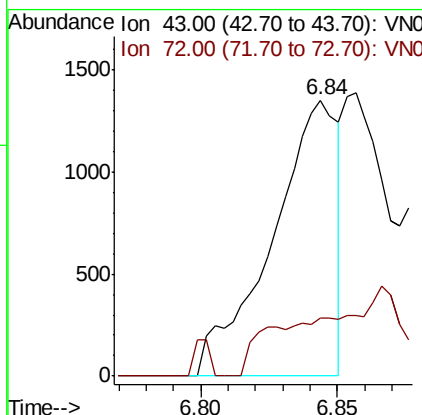
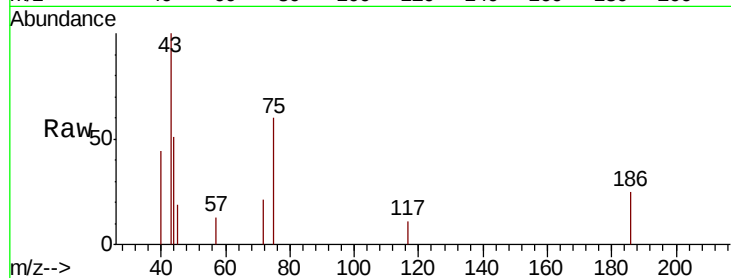




#25
 2-Butanone
 Concen: 0.804 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

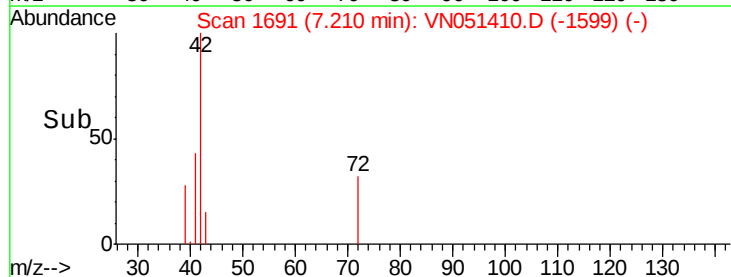
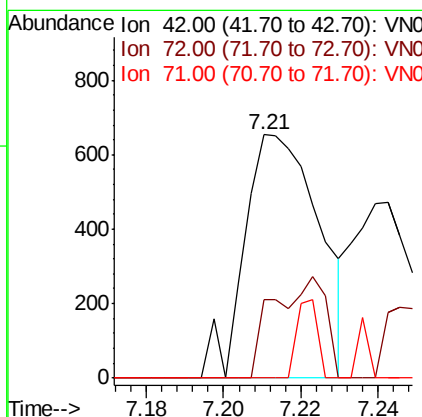
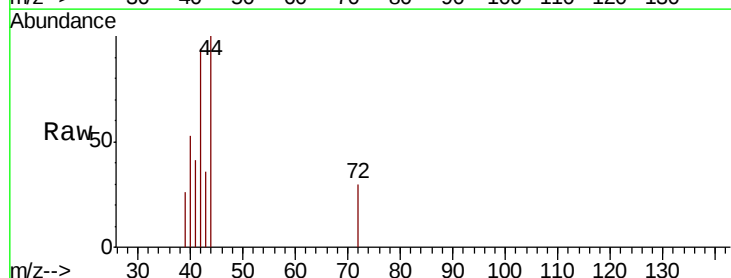
Instrument :
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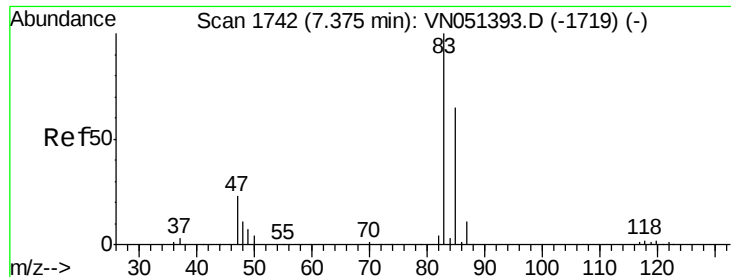
Tgt Ion: 43 Resp: 2259
 Ion Ratio Lower Upper
 43 100
 72 21.1 21.8 32.6#



#29
 Tetrahydrofuran
 Concen: 0.493 ug/l
 RT: 7.21 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion: 42 Resp: 878
 Ion Ratio Lower Upper
 42 100
 72 29.2 34.3 51.5#
 71 9.0 32.2 48.4#

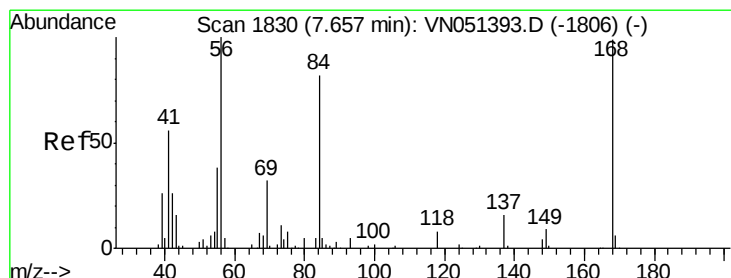
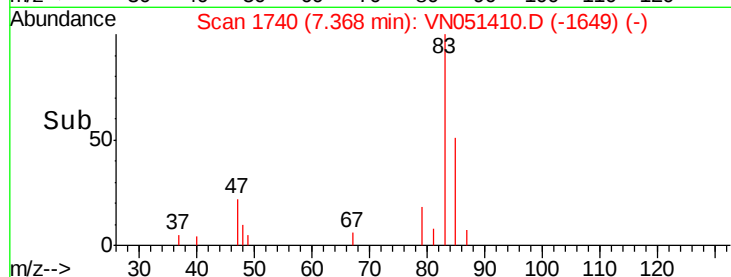
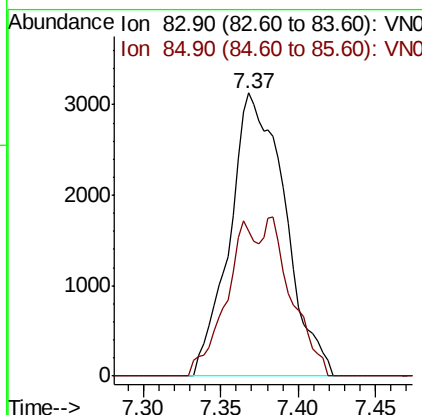
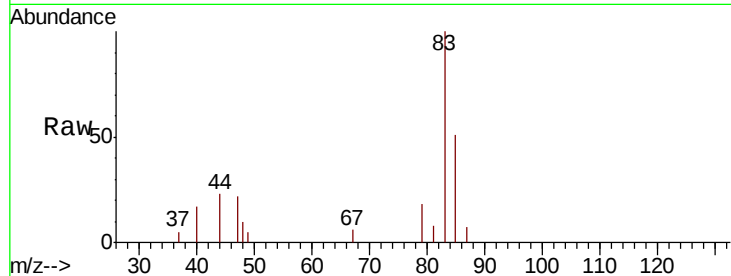




#30
Chloroform
Concen: 0.553 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

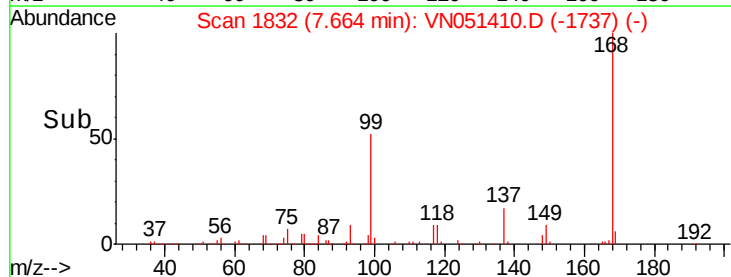
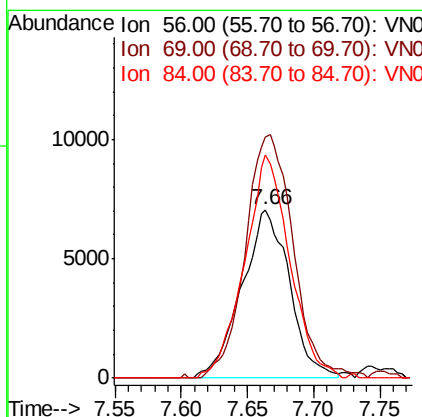
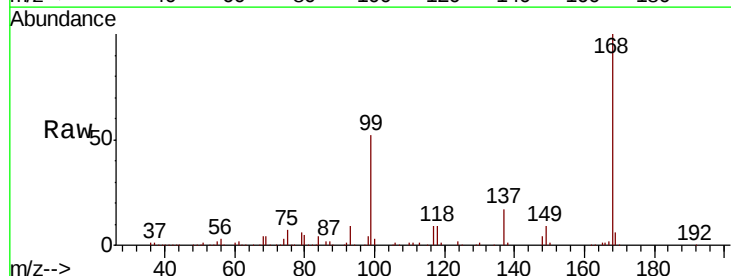
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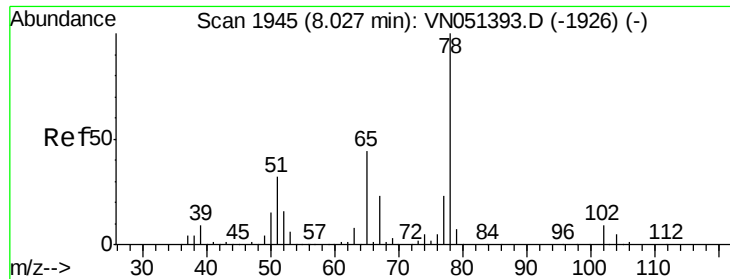
Tgt Ion: 83 Resp: 7725
Ion Ratio Lower Upper
83 100
85 51.2 51.8 77.6#



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Tgt Ion: 56 Resp: 17717
Ion Ratio Lower Upper
56 100
69 142.7 25.8 38.6#
84 132.0 66.0 99.0#

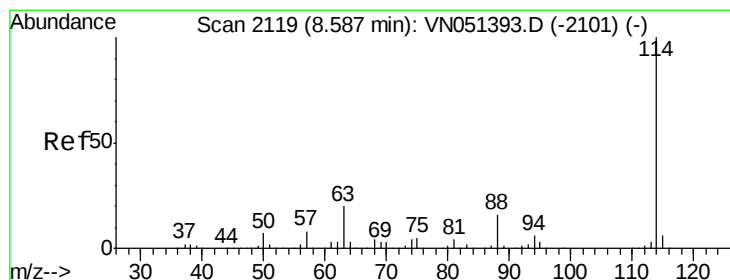
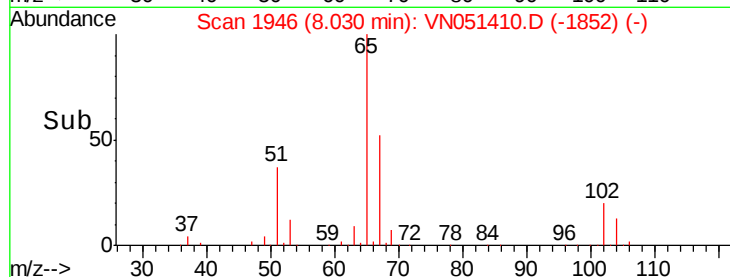
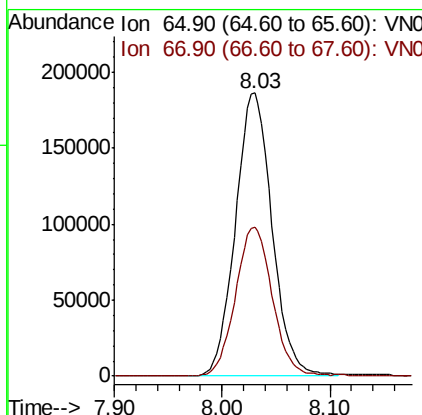
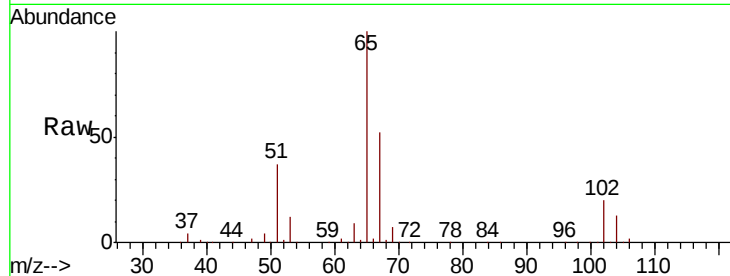




#33
 1,2-Dichloroethane-d4
 Concen: 53.638 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

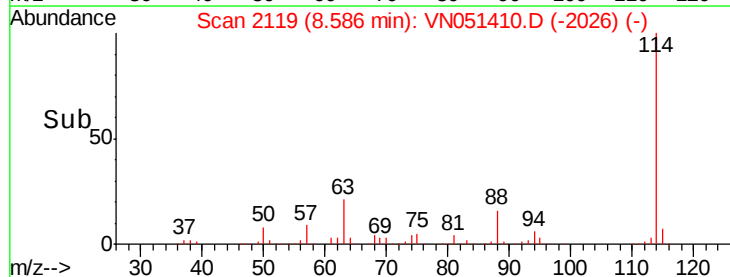
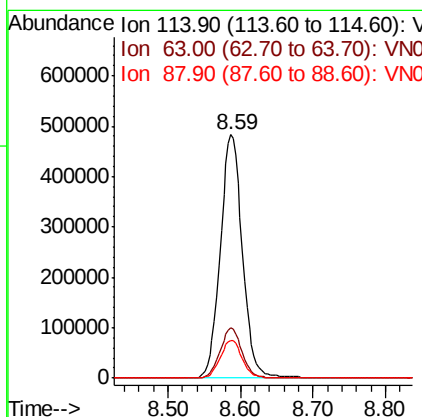
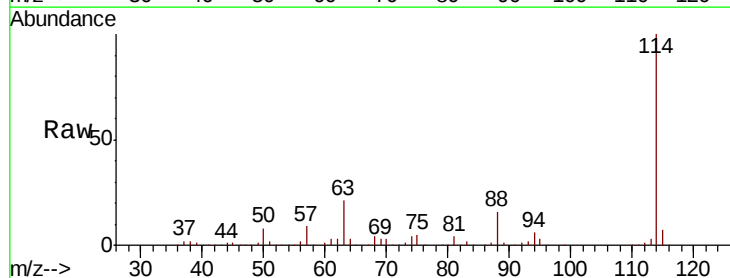
Instrument :
 MSVOA_N
 ClientSampled :
 PL-03-092018-B

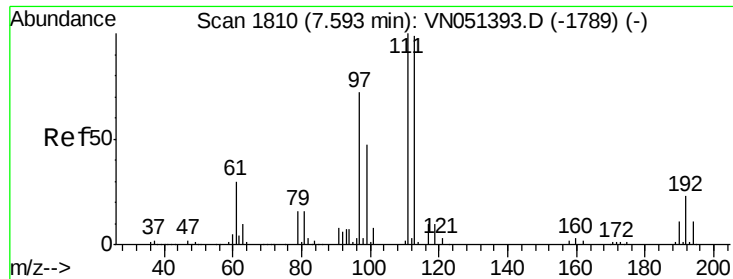
Tgt Ion: 65 Resp: 440327
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion: 114 Resp: 1019444
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.5 0.0 31.4

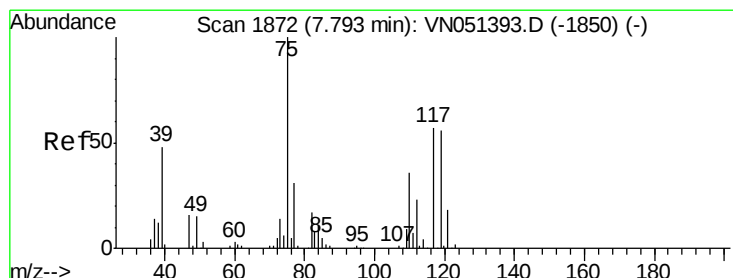
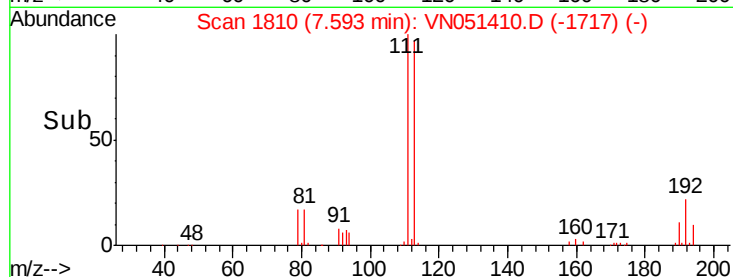
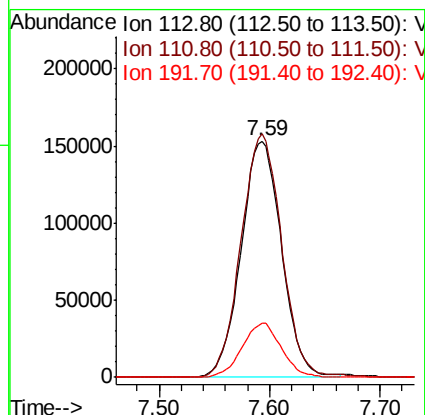
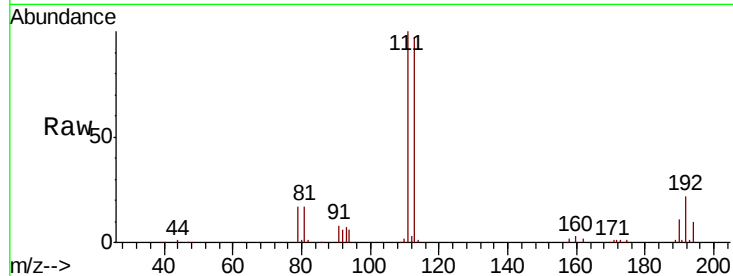




#35
 Dibromofluoromethane
 Concen: 47.790 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

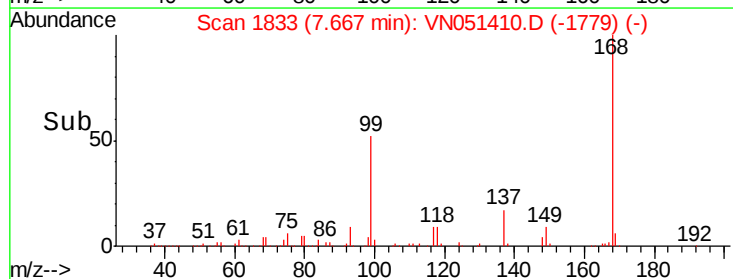
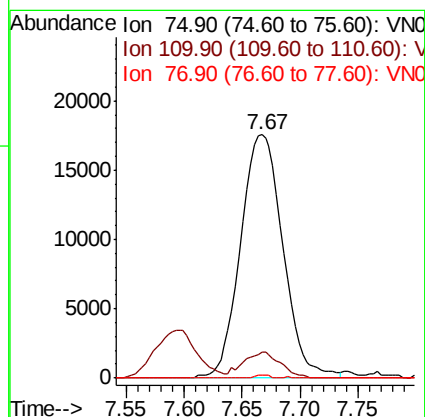
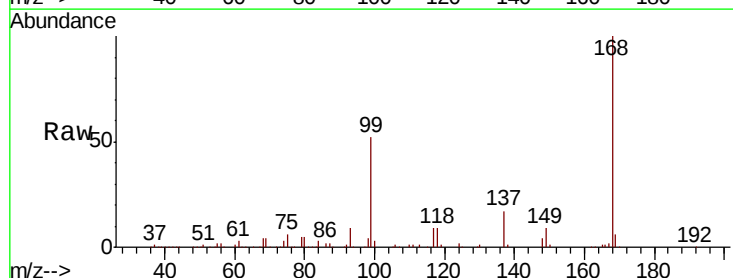
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

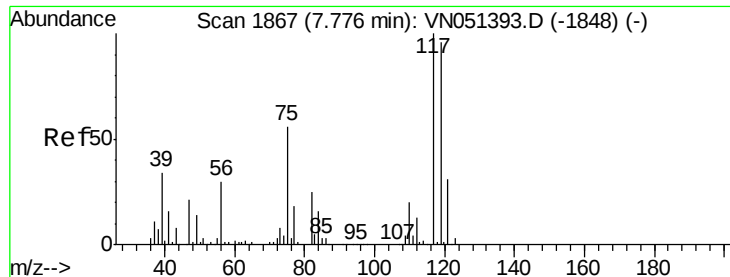
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	22.5	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.781 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.4	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 4.862 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

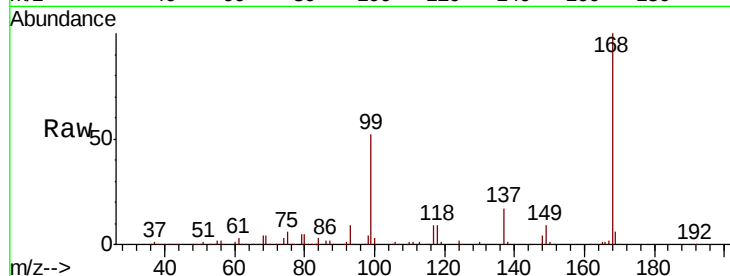
Tgt Ion:117 Resp: 60034

Ion Ratio Lower Upper

117 100

119 6.2 76.9 115.3#

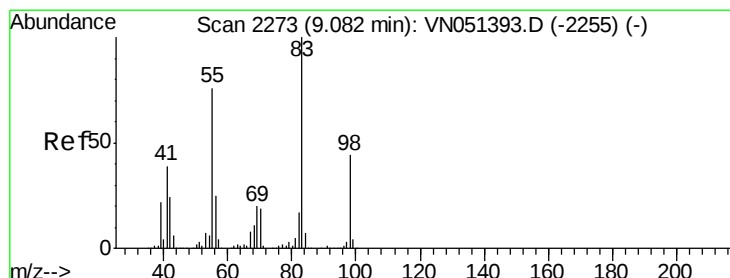
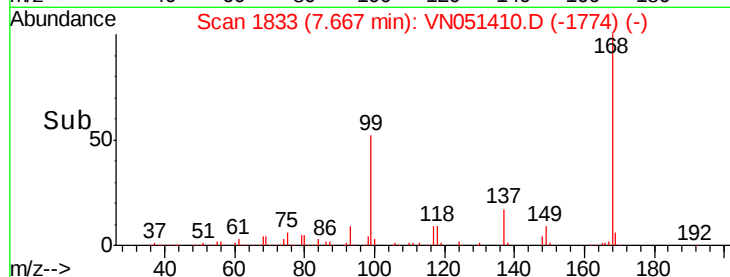
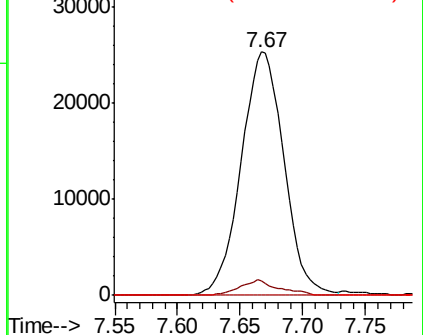
121 0.0 24.6 37.0#



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: 1.314 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

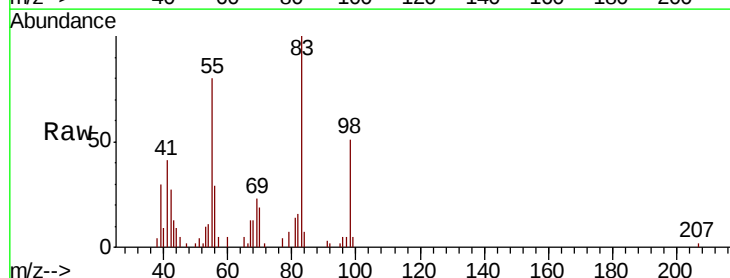
Tgt Ion: 83 Resp: 18137

Ion Ratio Lower Upper

83 100

55 80.3 61.0 91.4

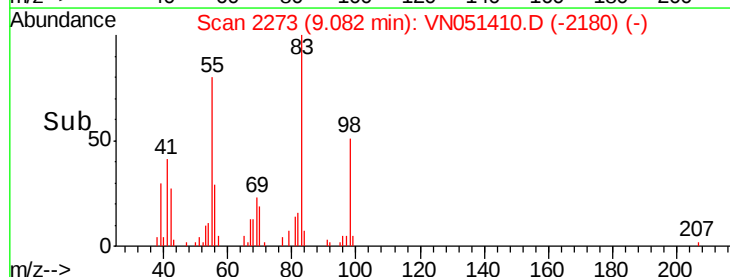
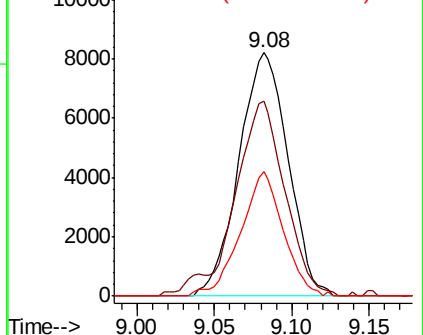
98 50.9 35.6 53.4

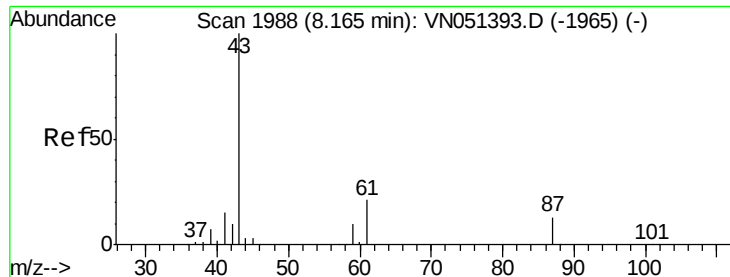


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#43

Isopropyl Acetate

Concen: 17.099 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

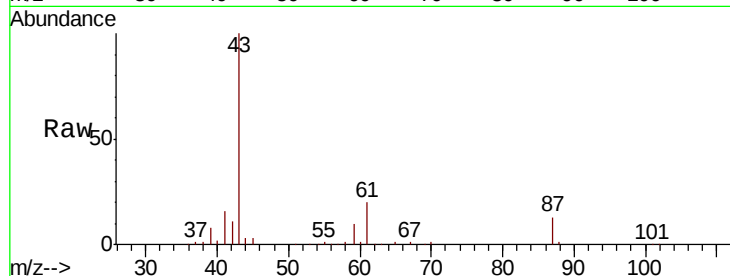
Tgt Ion: 43 Resp: 209877

Ion Ratio Lower Upper

43 100

61 18.9 16.8 25.2

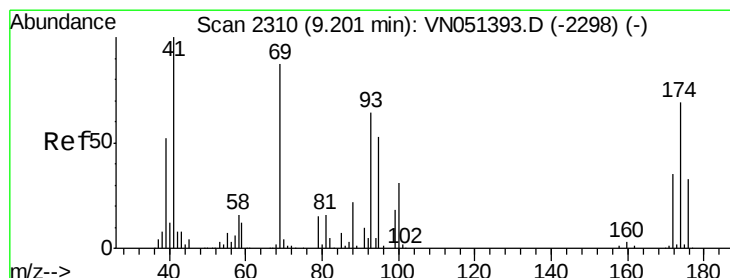
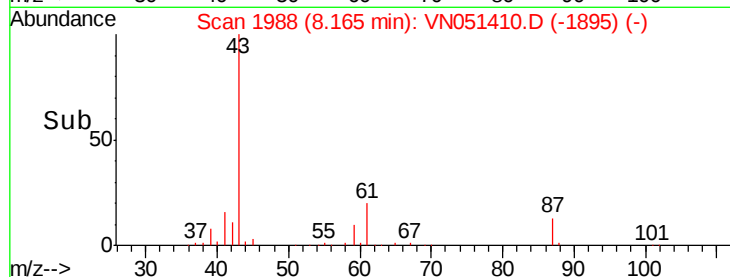
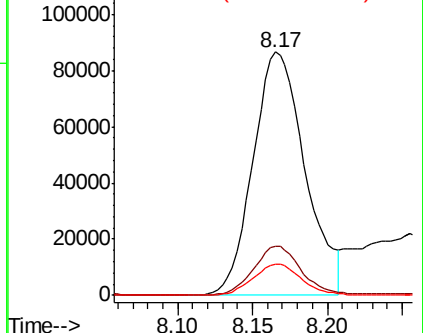
87 12.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051410.D (-2217) (-)

Ion 61.00 (60.70 to 61.70): VN051410.D (-2217) (-)

Ion 87.00 (86.70 to 87.70): VN051410.D (-2217) (-)



#48

Methyl methacrylate

Concen: 0.703 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

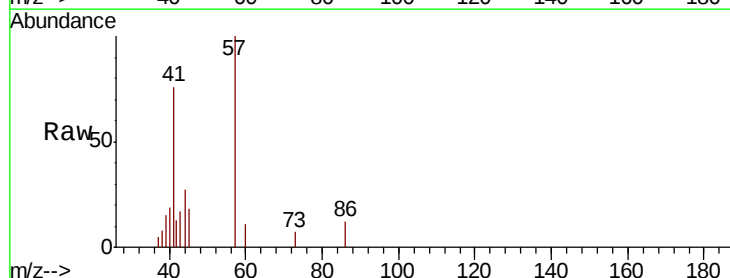
Tgt Ion: 41 Resp: 4301

Ion Ratio Lower Upper

41 100

69 0.0 70.4 105.6#

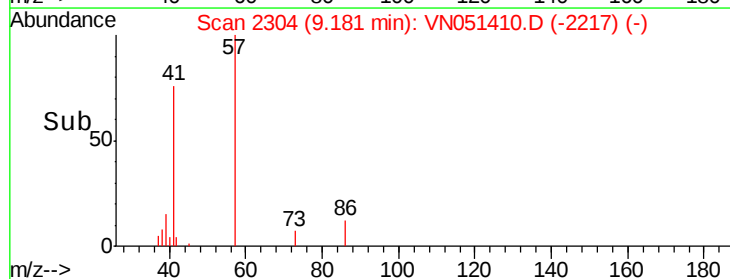
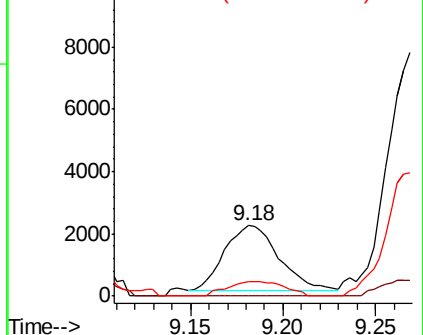
39 23.1 43.8 65.8#

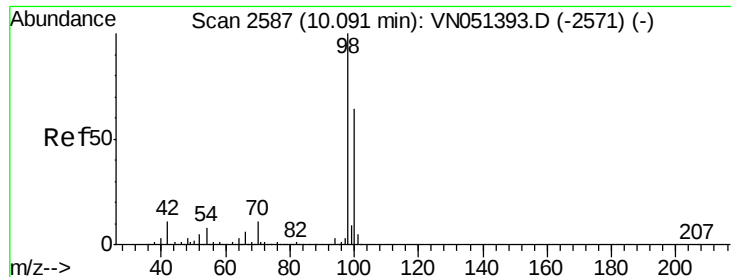


Abundance Ion 41.00 (40.70 to 41.70): VN051410.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051410.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051410.D (-2217) (-)





#50

Toluene-d8

Concen: 46.240 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

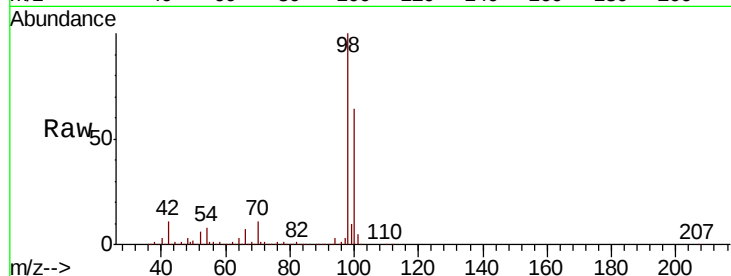
PL-03-092018-B

Tgt Ion: 98 Resp: 1419446

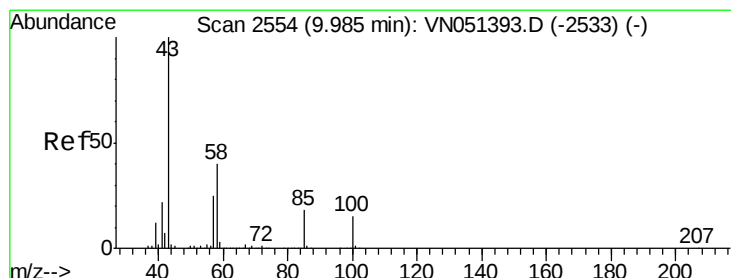
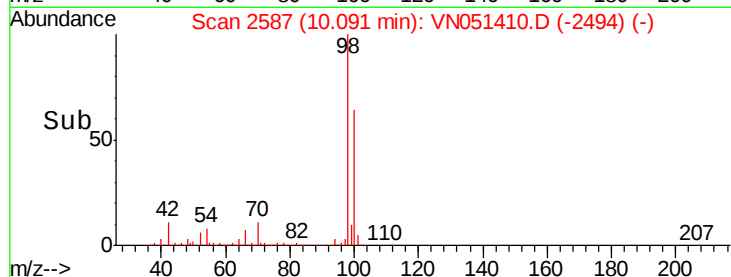
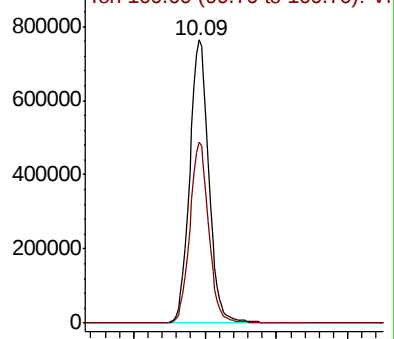
Ion Ratio Lower Upper

98 100

100 63.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.388 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051410.D

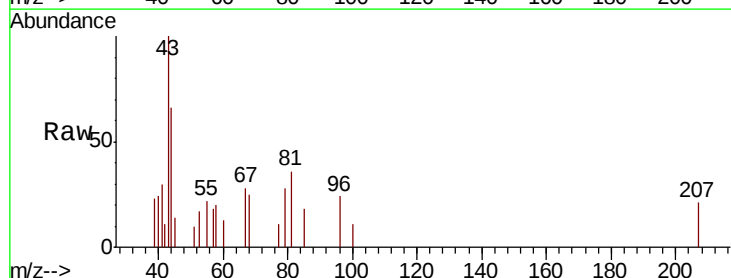
Acq: 23 Sep 2018 13:58

Tgt Ion: 43 Resp: 2620

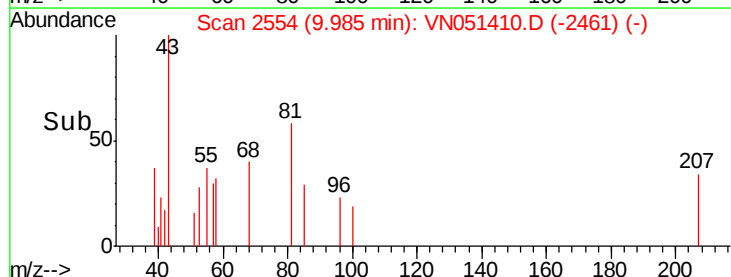
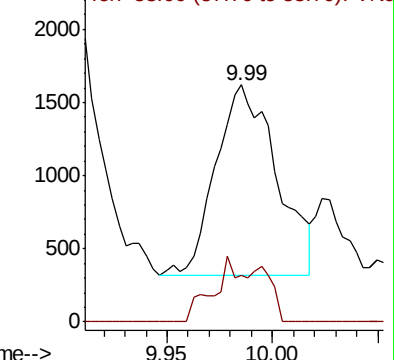
Ion Ratio Lower Upper

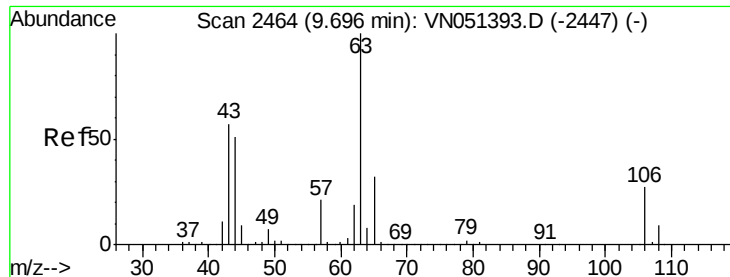
43 100

58 16.8 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

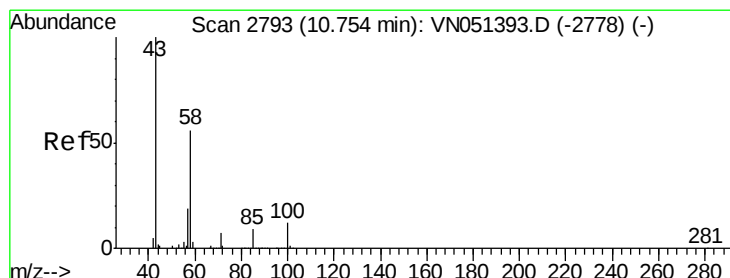
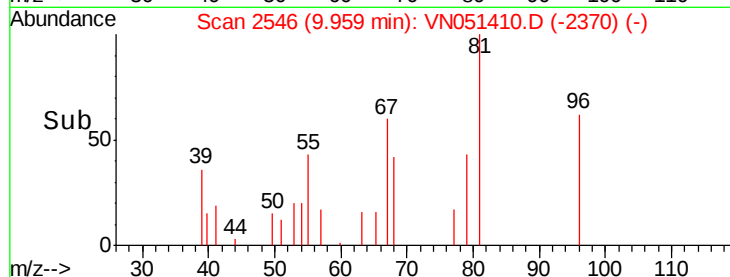
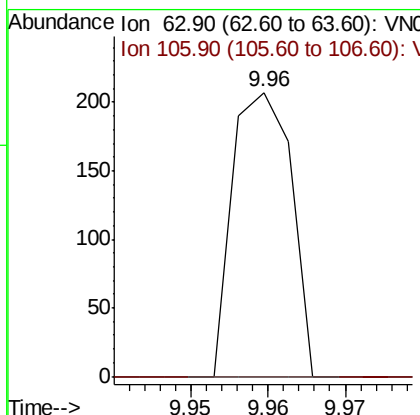
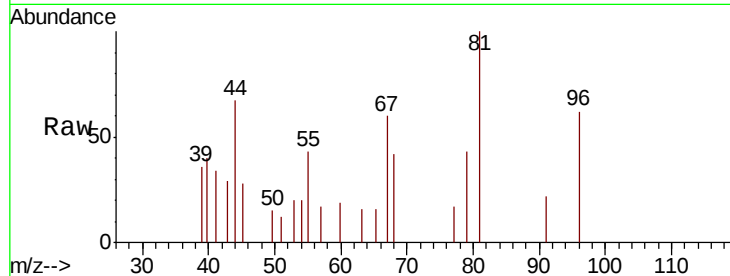




#58
 2-Chloroethyl Vinyl ether
 Concen: 20.389 ug/l
 RT: 9.96 min Scan# 2546
 Delta R.T. 0.26 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

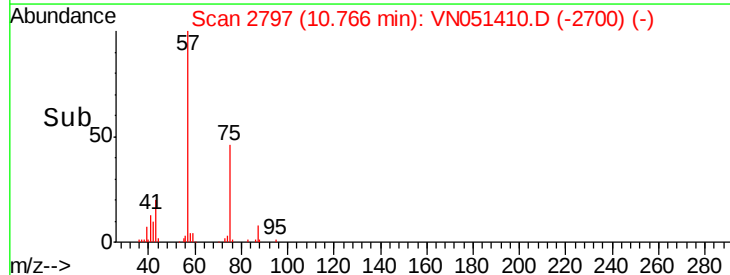
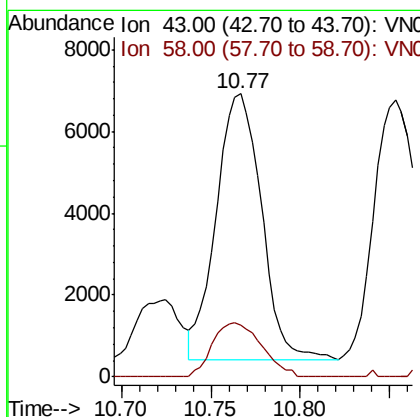
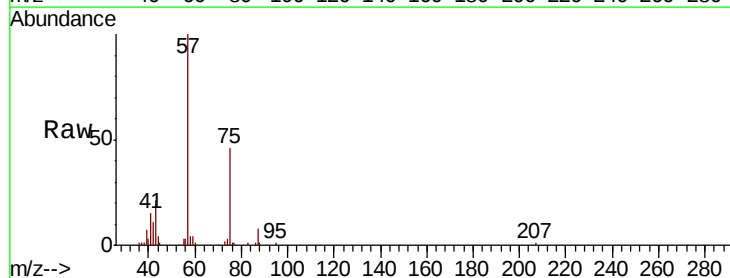
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

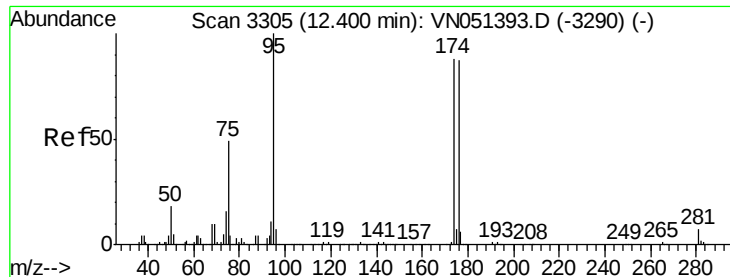
Tgt Ion: 63 Resp: 110
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.4 32.2#



#59
 2-Hexanone
 Concen: 2.609 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion: 43 Resp: 11415
 Ion Ratio Lower Upper
 43 100
 58 22.3 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 40.978 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

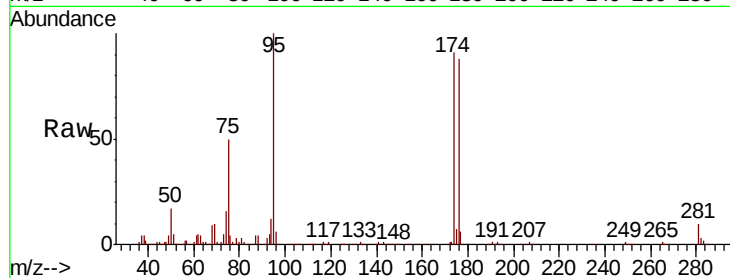
Tgt Ion: 95 Resp: 406941

Ion Ratio Lower Upper

95 100

174 90.1 0.0 181.6

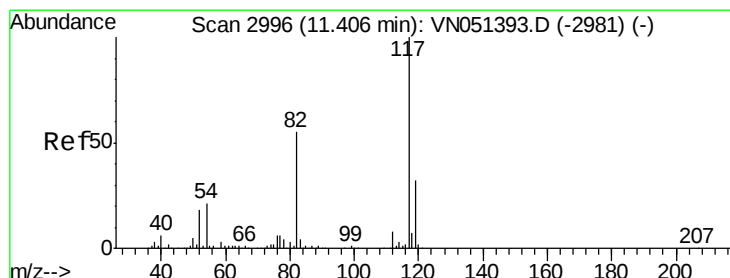
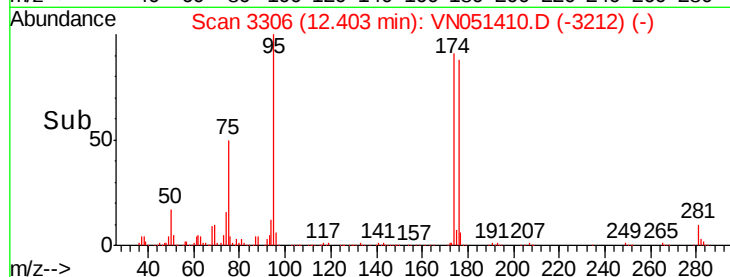
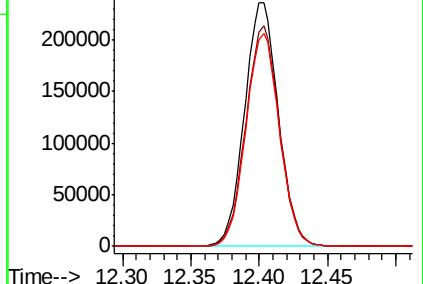
176 86.5 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

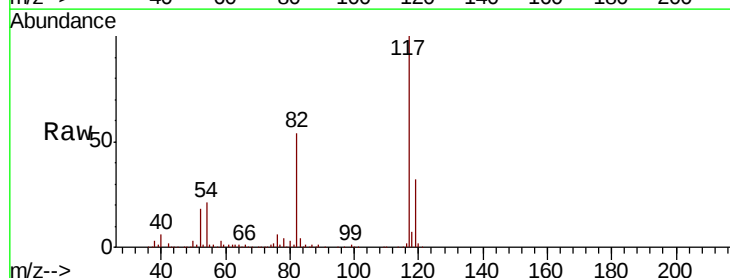
Tgt Ion: 117 Resp: 851824

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

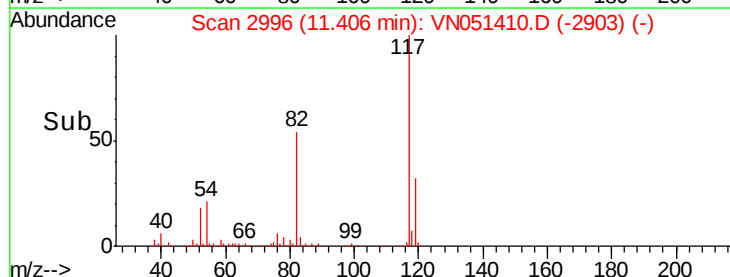
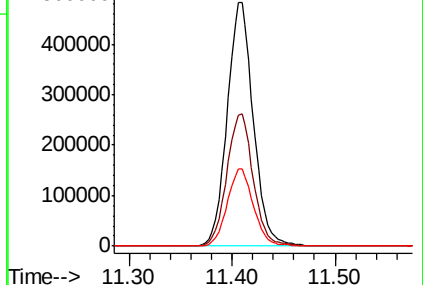
119 31.7 25.9 38.9

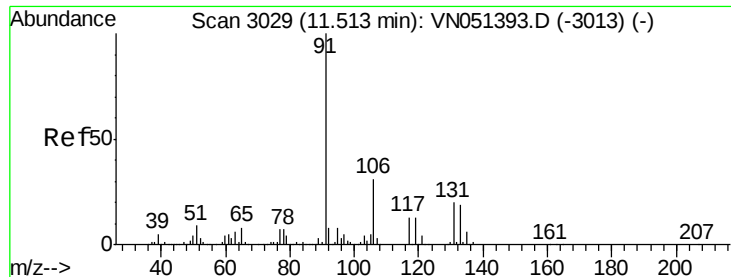


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

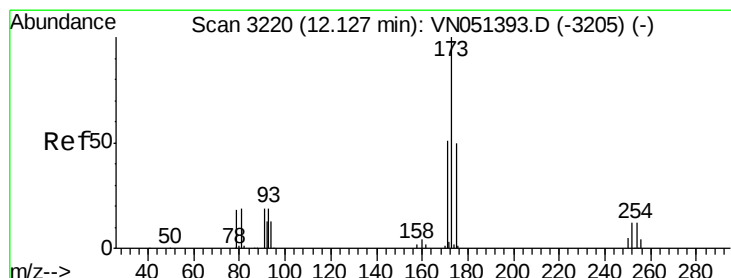
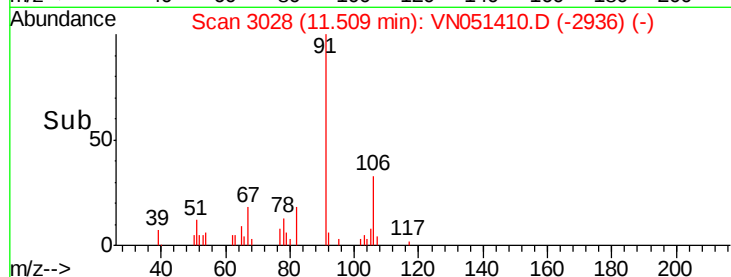
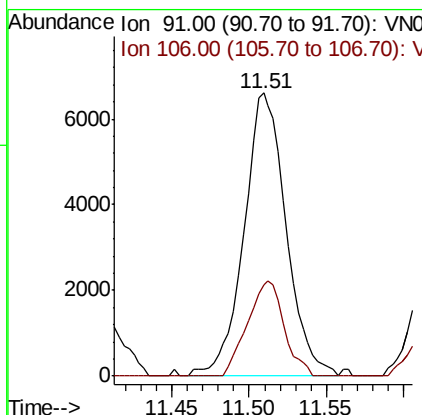
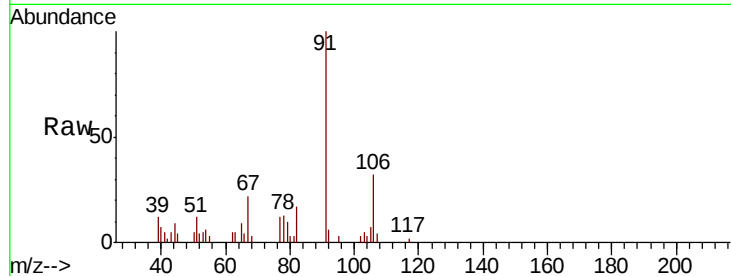




#67
Ethyl Benzene
Concen: 0.341 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

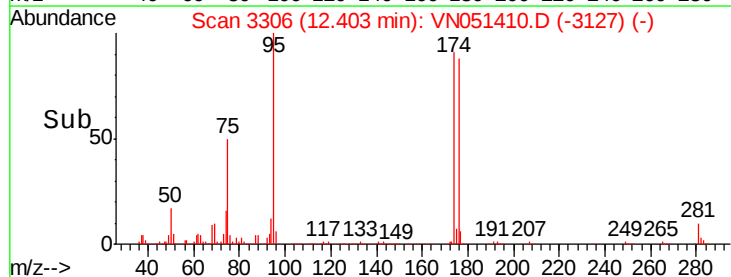
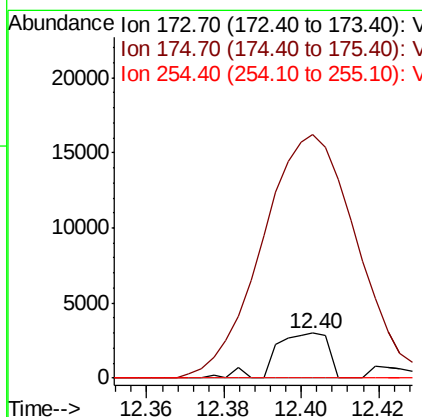
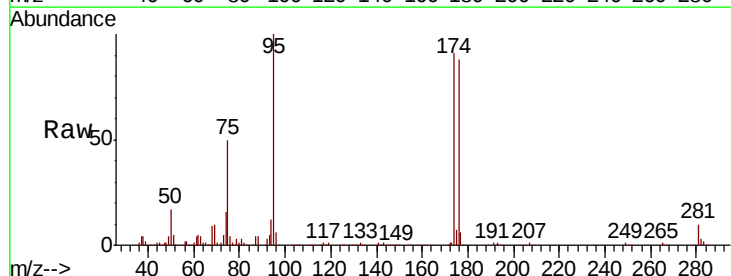
Instrument :
MSVOA_N
ClientSampleId :
PL-03-092018-B

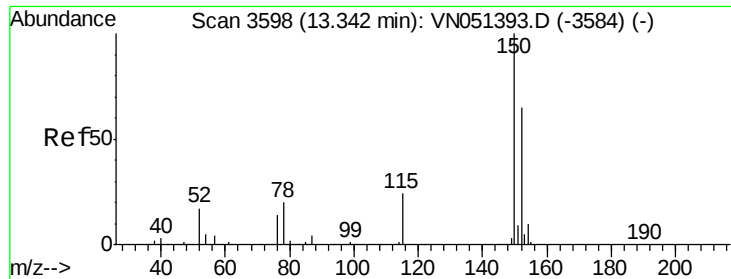
Tgt Ion: 91 Resp: 12545
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4



#71
Bromoform
Concen: 0.495 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051410.D
Acq: 23 Sep 2018 13:58

Tgt Ion: 173 Resp: 2799
Ion Ratio Lower Upper
173 100
175 845.2 24.8 74.3#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

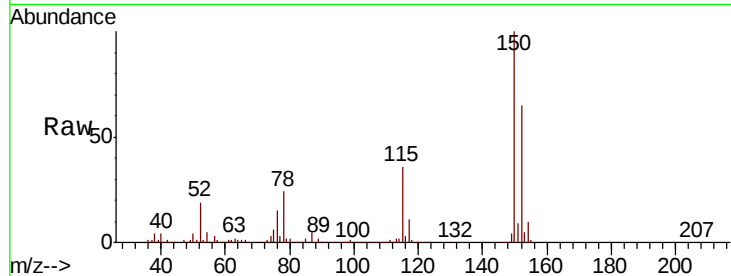
Tgt Ion:152 Resp: 347480

Ion Ratio Lower Upper

152 100

115 56.3 28.3 84.9

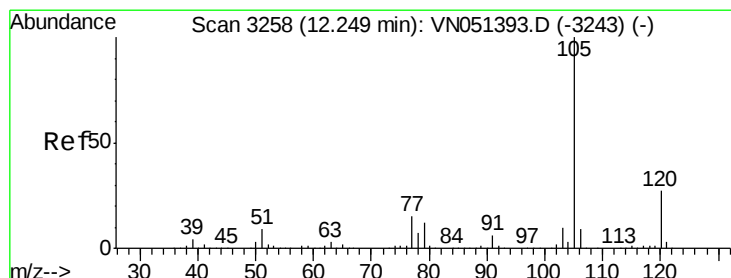
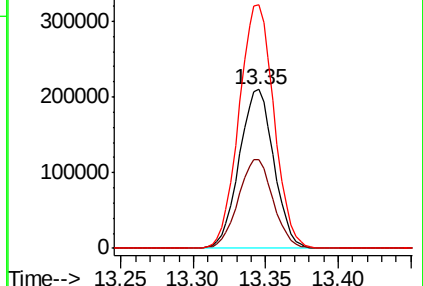
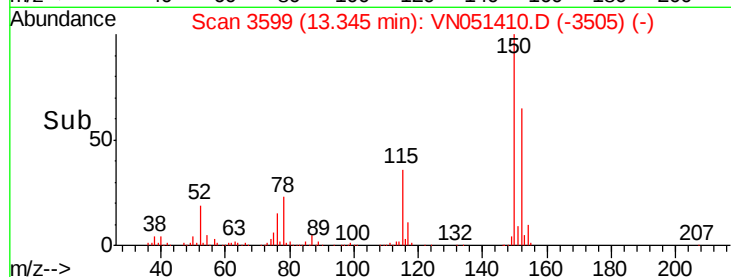
150 155.2 0.0 353.6



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: 1.009 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051410.D

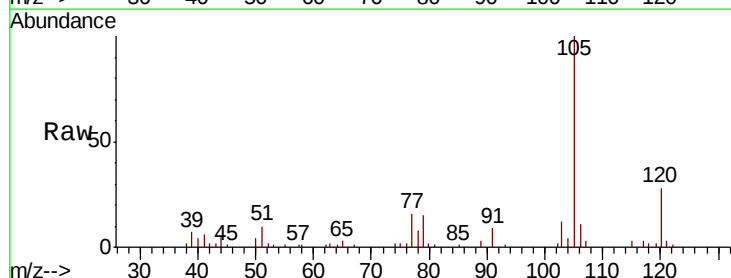
Acq: 23 Sep 2018 13:58

Tgt Ion:105 Resp: 29590

Ion Ratio Lower Upper

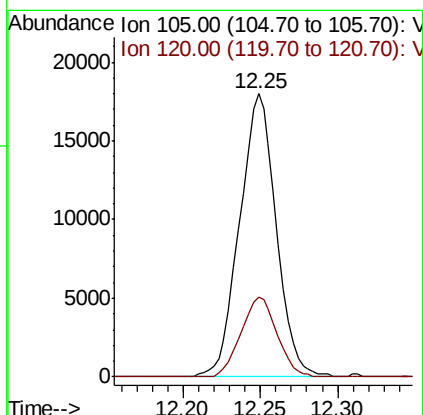
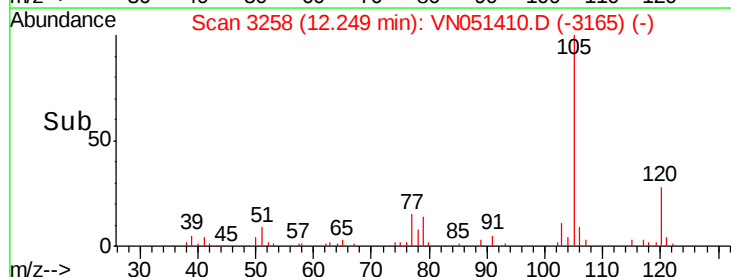
105 100

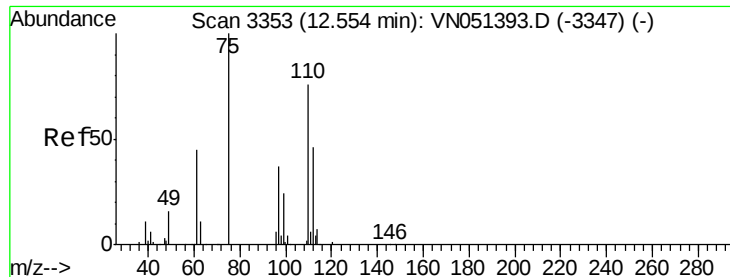
120 27.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

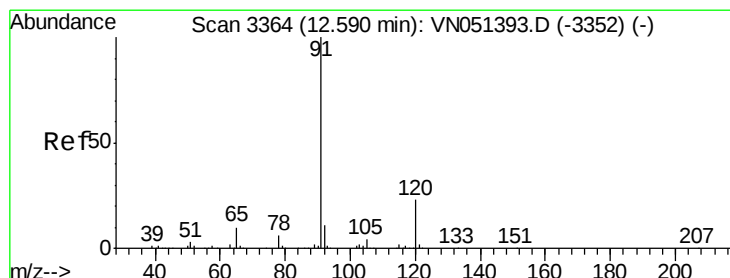
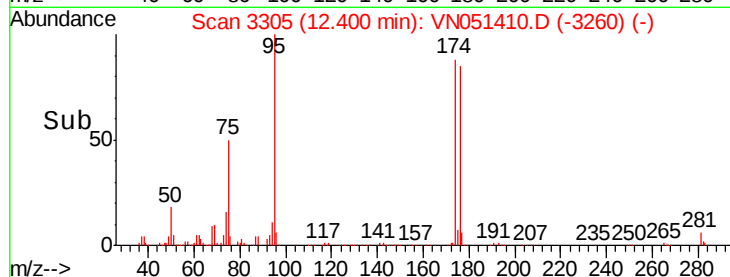
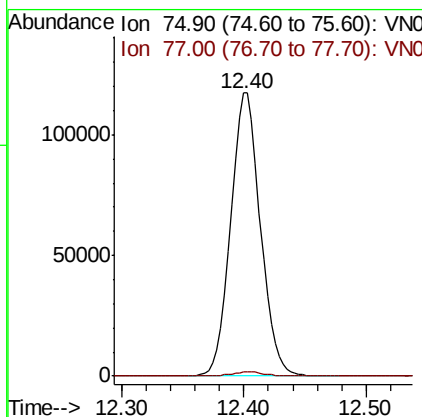
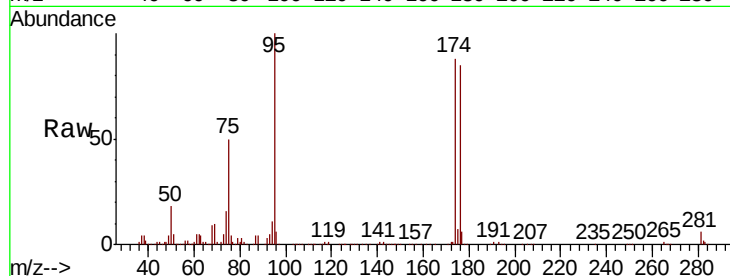




#76
 1,2,3-Trichloropropane
 Concen: 34.440 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

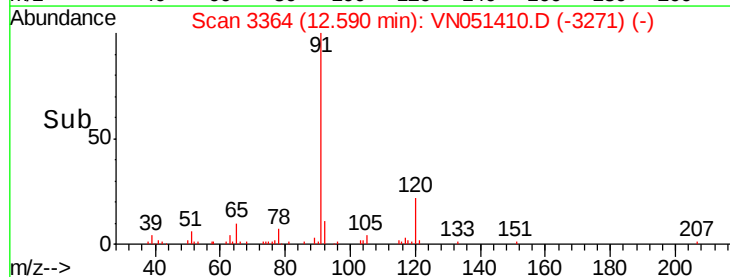
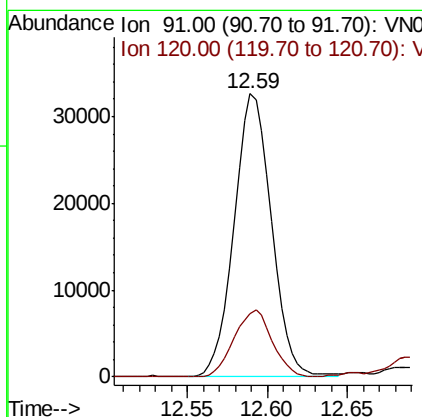
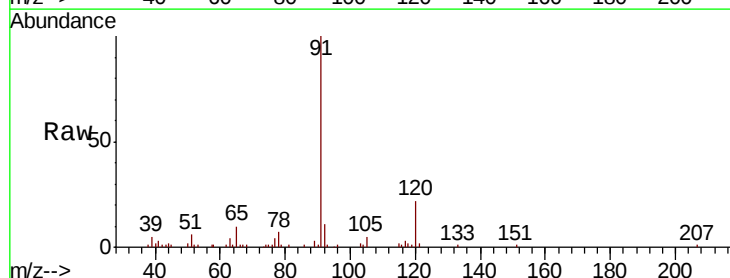
Instrument :
 MSVOA_N
 ClientSampled :
 PL-03-092018-B

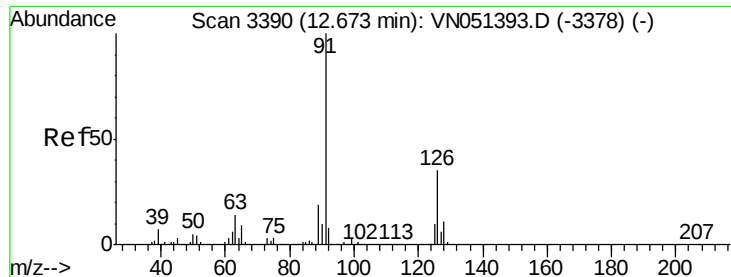
Tgt Ion: 75 Resp: 198666
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.567 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion: 91 Resp: 51781
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 2.618 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

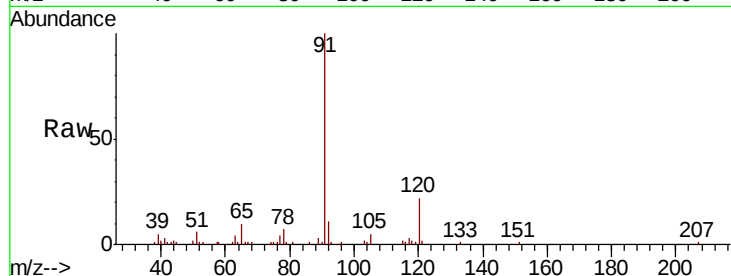
PL-03-092018-B

Tgt Ion: 91 Resp: 51781

Ion Ratio Lower Upper

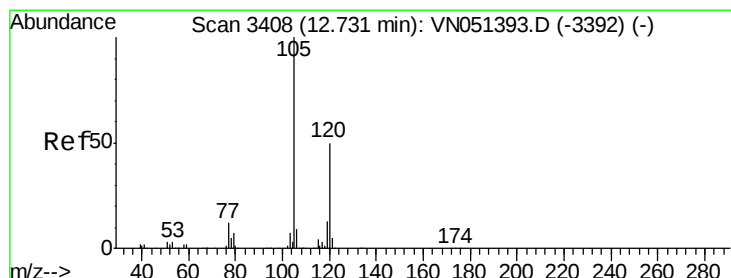
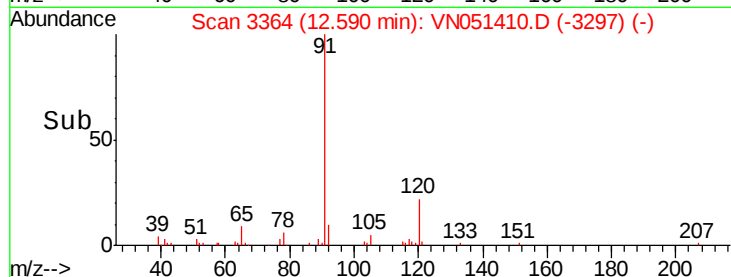
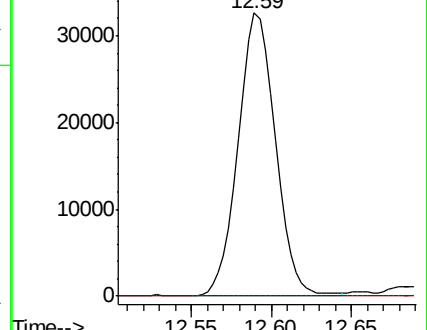
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051393.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.550 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051410.D

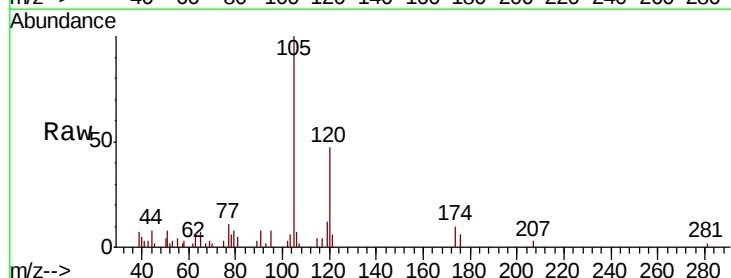
Acq: 23 Sep 2018 13:58

Tgt Ion: 105 Resp: 13148

Ion Ratio Lower Upper

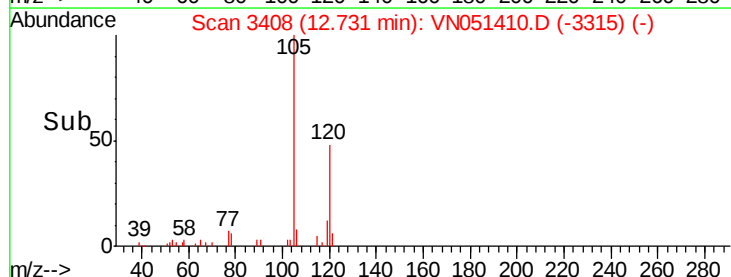
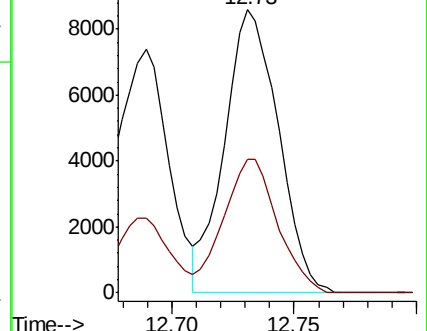
105 100

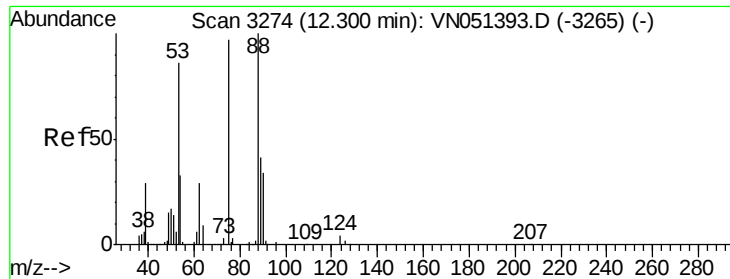
120 47.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051393.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 105.902 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

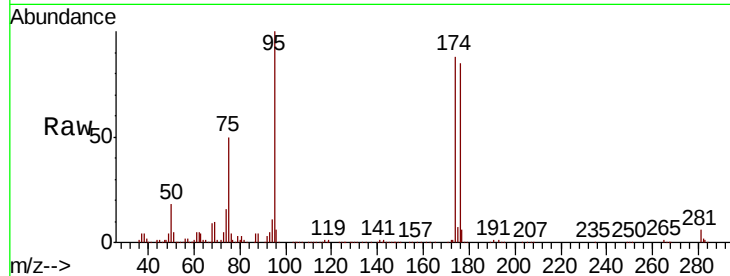
Tgt Ion: 75 Resp: 198666

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

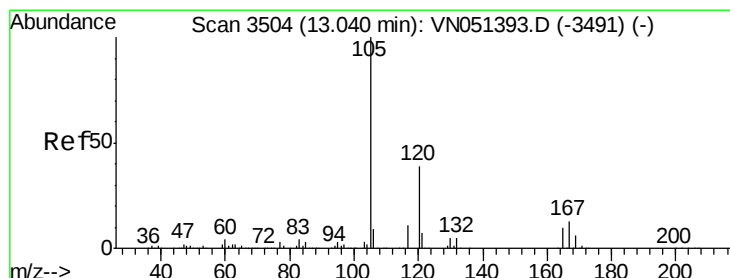
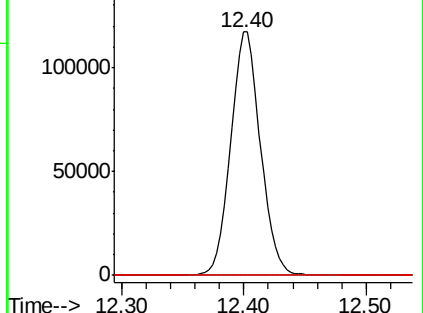
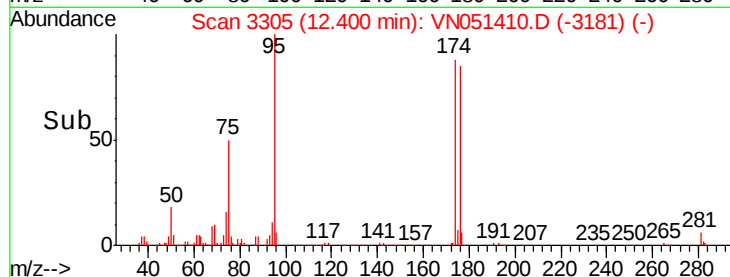
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051410.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051410.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051410.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.471 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051410.D

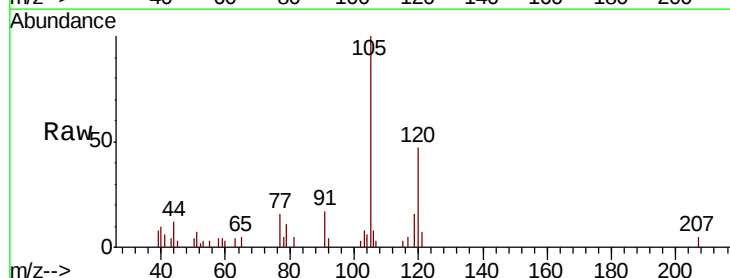
Acq: 23 Sep 2018 13:58

Tgt Ion: 105 Resp: 11338

Ion Ratio Lower Upper

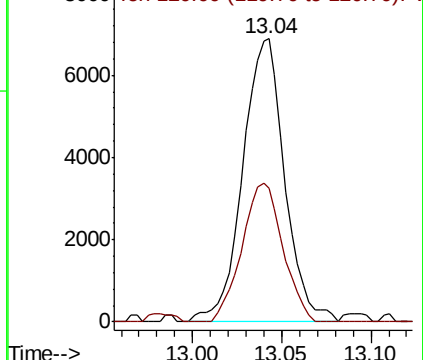
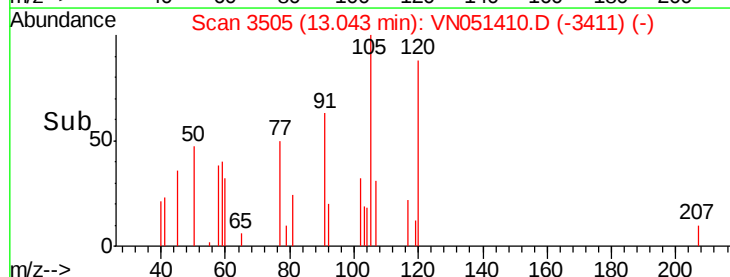
105 100

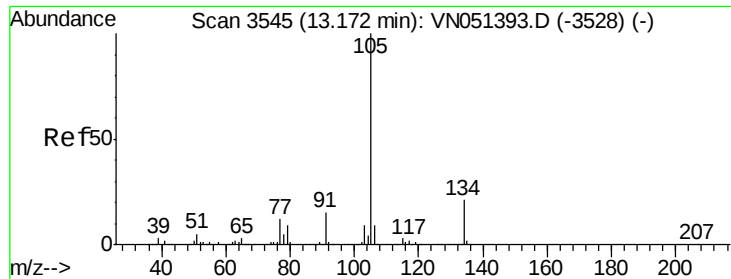
120 47.7 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN051410.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN051410.D (-3411) (-)

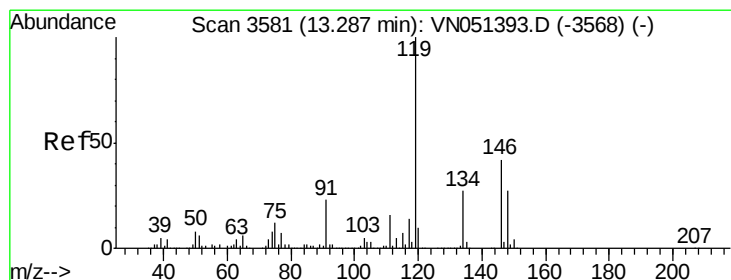
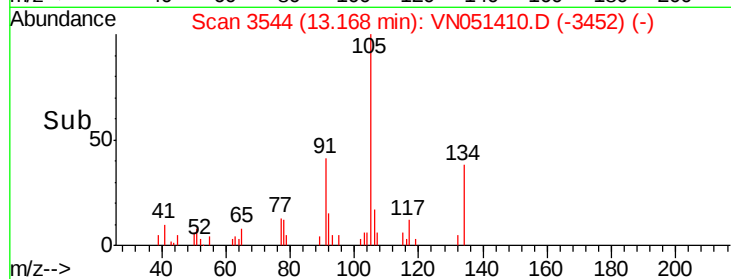
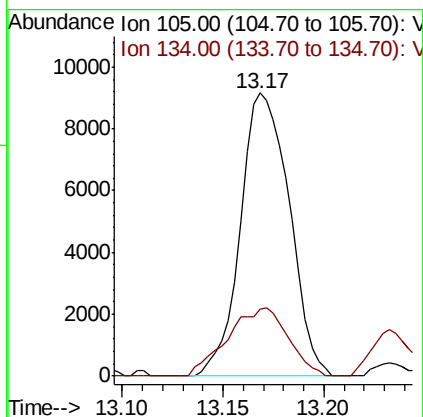
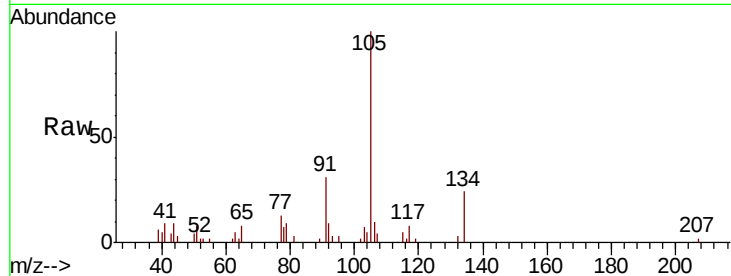




#85
 sec-Butylbenzene
 Concen: 0.541 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

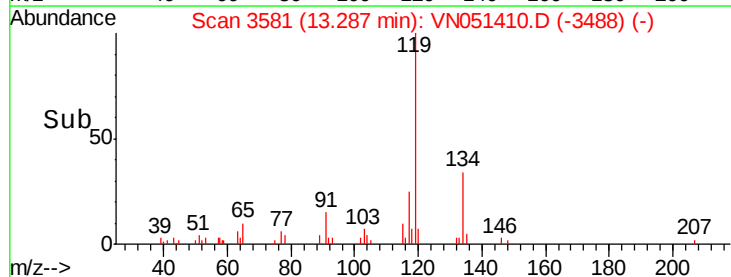
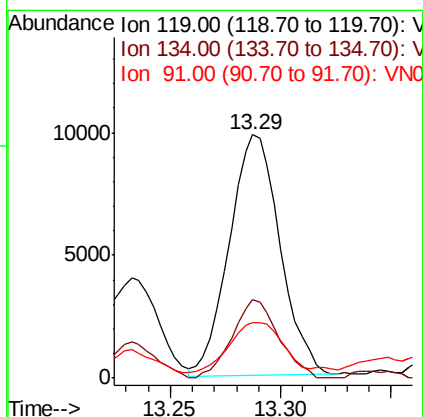
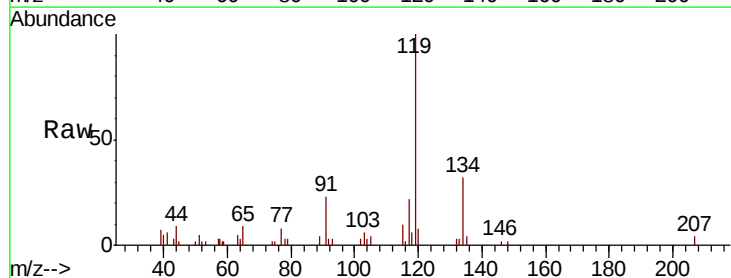
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

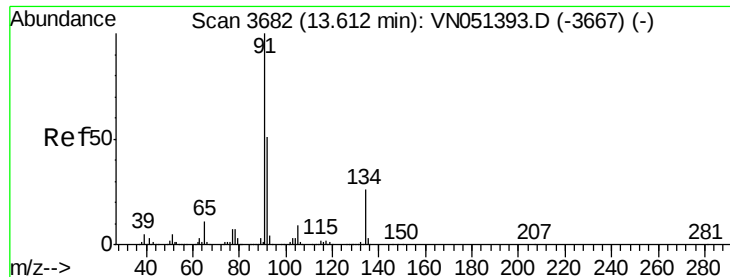
Tgt Ion:105 Resp: 15566
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.627 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion:119 Resp: 15608
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.3 39.9
 91 21.5 11.4 34.2





#89

n-Butylbenzene

Concen: 0.823 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

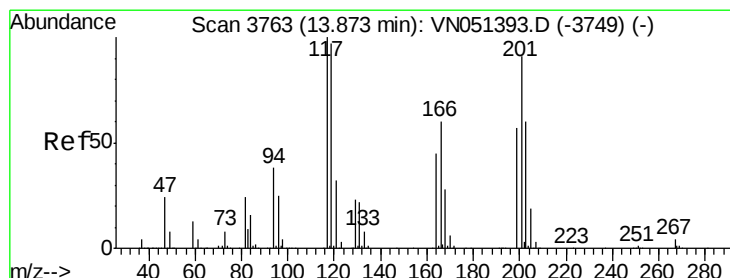
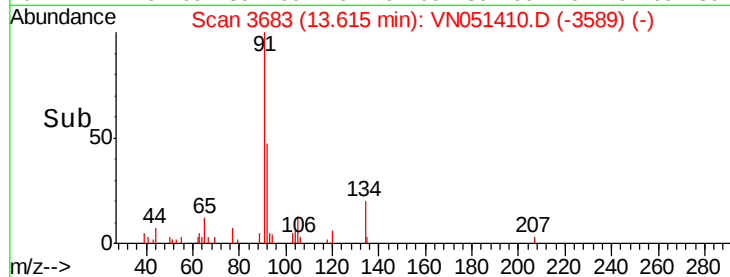
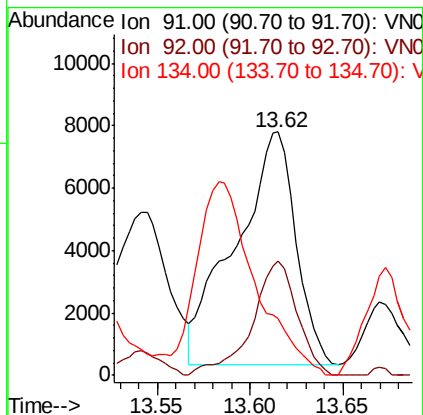
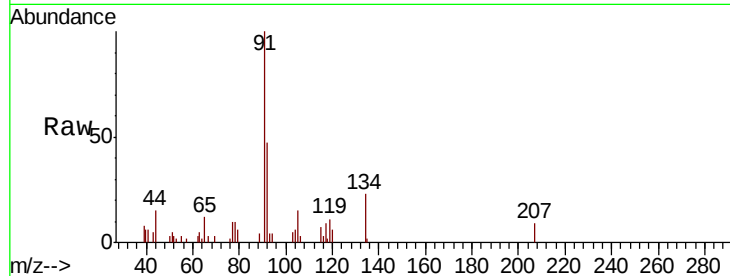
Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-B

Tgt Ion:	91	Resp:	16847
Ion	Ratio	Lower	Upper
91	100		
92	36.8	25.5	76.5
134	0.0	13.3	39.8#



#90

Hexachloroethane

Concen: 1.929 ug/l

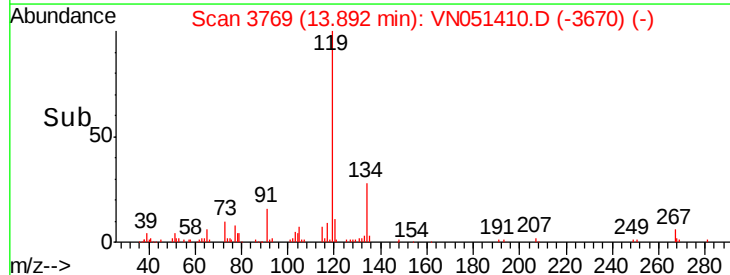
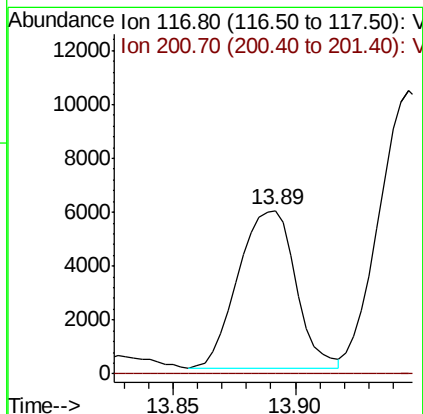
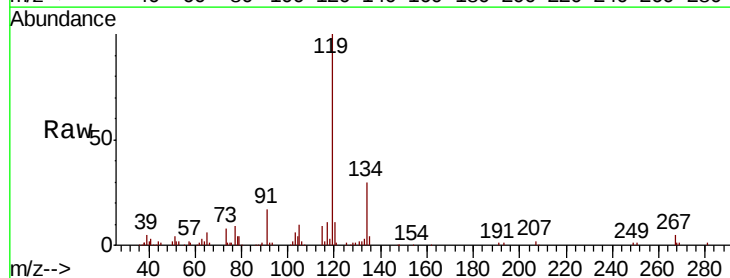
RT: 13.89 min Scan# 3769

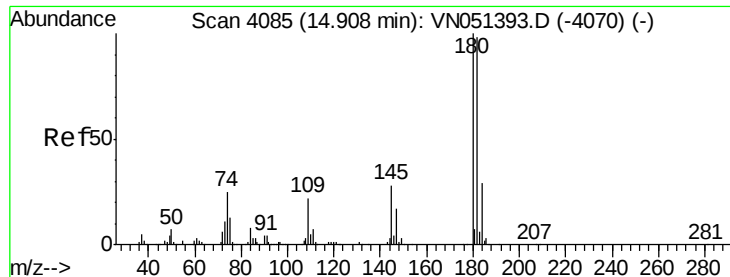
Delta R.T. 0.02 min

Lab File: VN051410.D

Acq: 23 Sep 2018 13:58

Tgt Ion:	117	Resp:	9572
Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.5	136.4#

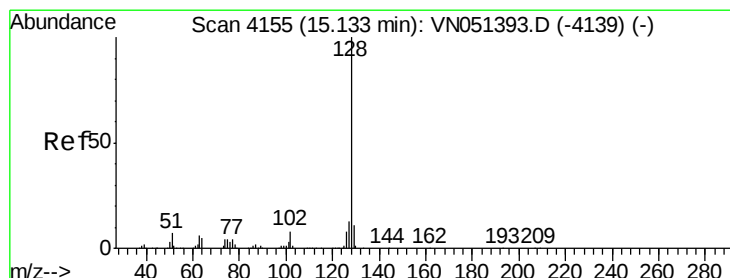
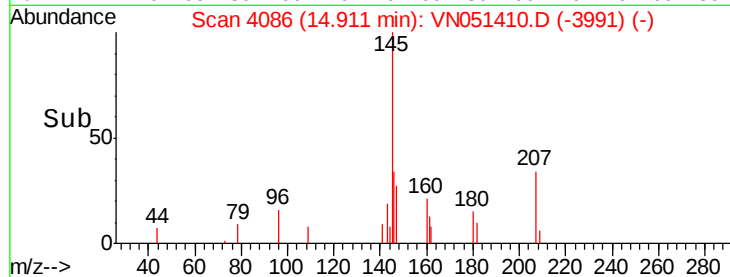
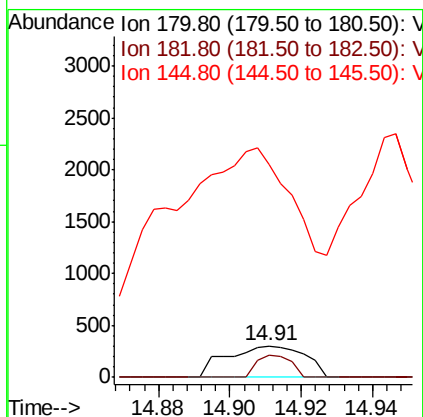
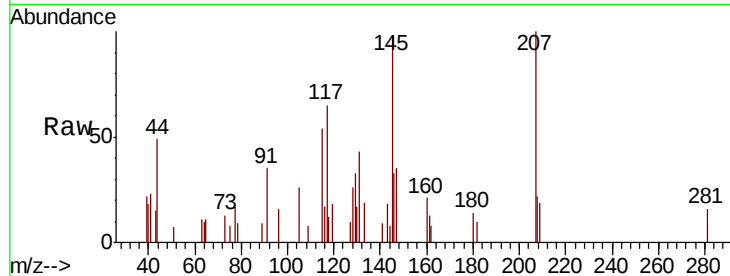




#93
 1,2,4-Trichlorobenzene
 Concen: 6.042 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-B

Tgt Ion:180 Resp: 459
 Ion Ratio Lower Upper
 180 100
 182 31.2 48.5 145.6#
 145 879.3 14.1 42.4#



#95
 Naphthalene
 Concen: 9.458 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051410.D
 Acq: 23 Sep 2018 13:58

Tgt Ion:128 Resp: 21760
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.5 15.7
 129 12.8 8.6 12.8

