

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
 Data File : VN051859.D
 Acq On : 13 Oct 2018 2:54
 Operator : MD\SY
 Sample : J5199-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

Quant Time: Oct 13 03:53:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	825716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1193620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413436	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	454991	57.65	ug/l	0.00
Spiked Amount			Recovery	=	115.30%	
35) Dibromofluoromethane	7.59	113	438982	59.15	ug/l	0.00
Spiked Amount			Recovery	=	118.30%	
50) Toluene-d8	10.09	98	1649349	59.64	ug/l	0.00
Spiked Amount			Recovery	=	119.28%	
62) 4-Bromofluorobenzene	12.40	95	484539	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	

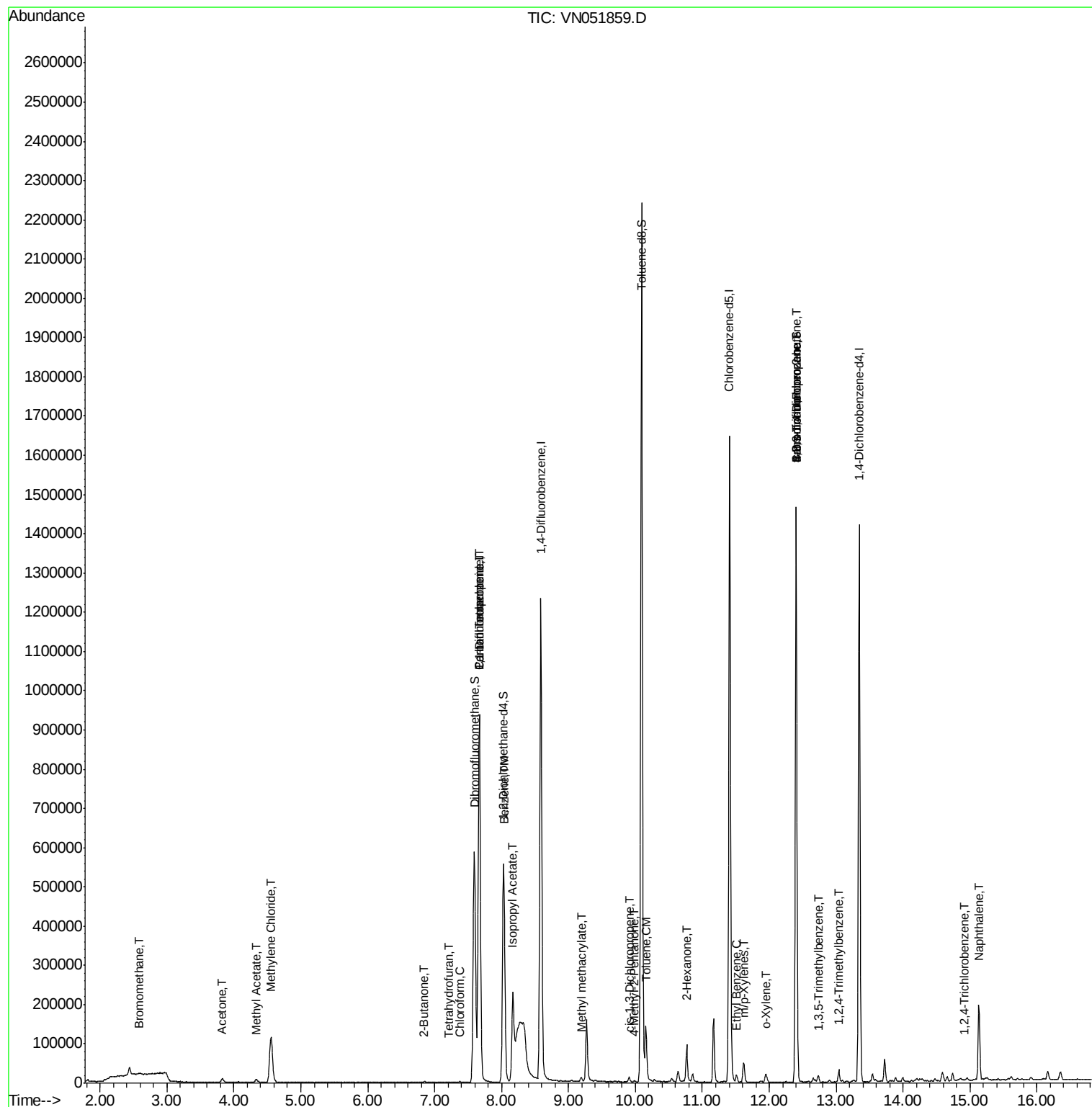
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	2025	0.270	ug/l #	62
16) Acetone	3.83	43	14507	8.523	ug/l	96
18) Methyl Acetate	4.34	43	13279	1.929	ug/l #	88
20) Methylene Chloride	4.55	84	99002	14.055	ug/l	90
25) 2-Butanone	6.84	43	2241	0.932	ug/l #	87
29) Tetrahydrofuran	7.21	42	574	0.400	ug/l #	45
30) Chloroform	7.37	83	3153	0.233	ug/l #	74
31) Cyclohexane	7.66	56	13466	Below Cal	#	24
36) 1,1-Dichloropropene	7.66	75	51863	5.367	ug/l #	50
38) Carbon Tetrachloride	7.67	117	75093	6.704	ug/l #	16
40) Benzene	8.04	78	60974	2.187	ug/l	100
43) Isopropyl Acetate	8.17	43	282799	28.331	ug/l	94
48) Methyl methacrylate	9.18	41	6325	1.431	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2339	0.454	ug/l #	78
52) Toluene	10.16	92	57578	3.076	ug/l	99
54) cis-1,3-Dichloropropene	9.91	75	2738	0.248	ug/l #	70
59) 2-Hexanone	10.77	43	13111	3.625	ug/l #	55
67) Ethyl Benzene	11.51	91	13268	0.376	ug/l	98
68) m/p-Xylenes	11.62	106	17105	1.201	ug/l	98
69) o-Xylene	11.95	106	5907	0.427	ug/l	100
71) Bromoform	12.40	173	4028	4.164	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	247337	48.475	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8529	0.329	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	247337	137.764	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	18741	0.725	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	148	3.674	ug/l #	1
95) Naphthalene	15.13	128	181799	15.283	ug/l	98

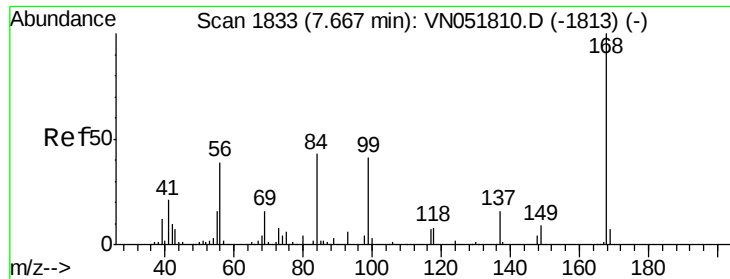
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

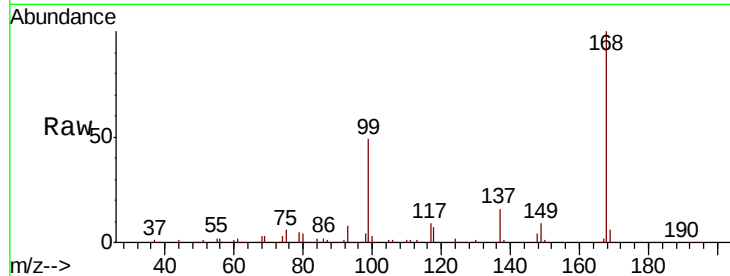
OK-02-101118

Tot Ion:168 Resp: 825716

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051810.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051810.D (-1813) (-)

7.67

400000

300000

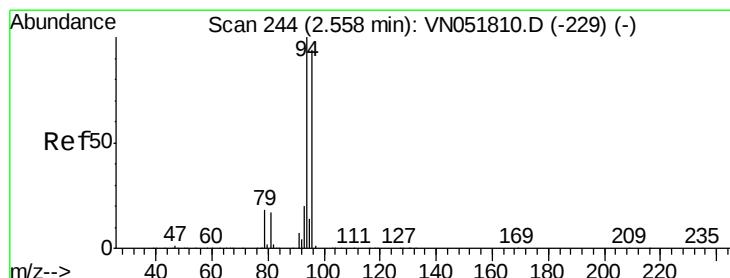
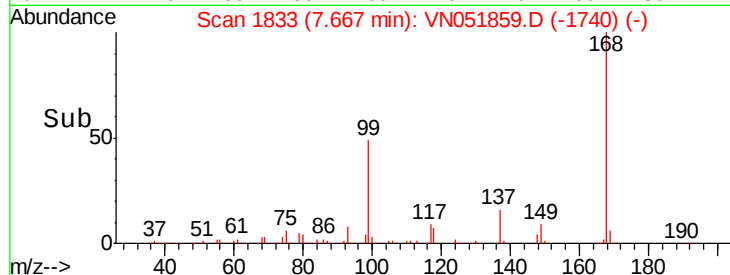
200000

100000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: 0.270 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051859.D

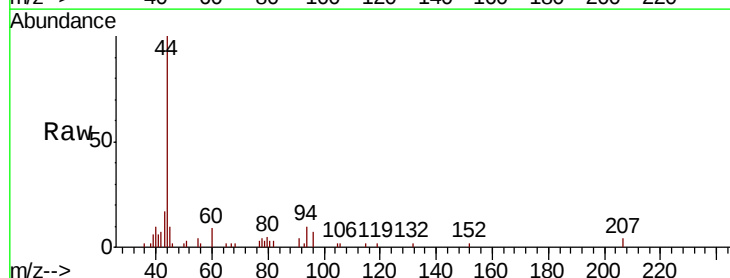
Acq: 13 Oct 2018 2:54

Tgt Ion: 94 Resp: 2025

Ion Ratio Lower Upper

94 100

96 58.6 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN051810.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051810.D (-229) (-)

2.57

1000

800

600

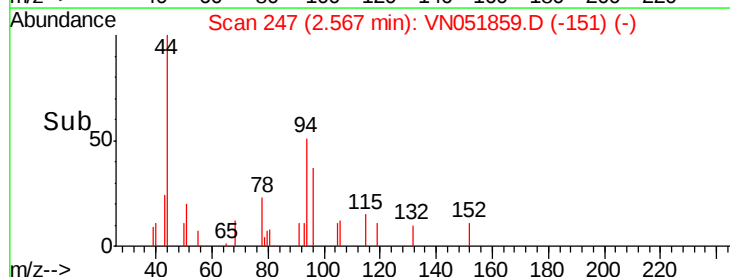
400

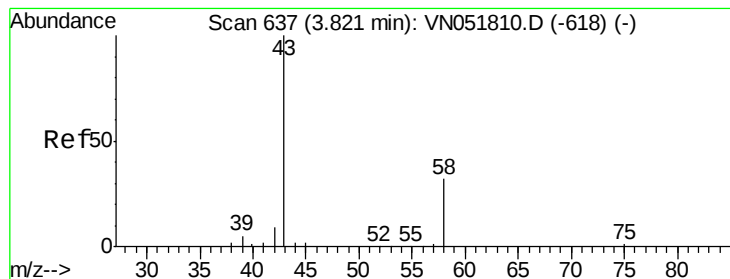
200

0

Time-->

2.50 2.55 2.60





#16

Acetone

Concen: 8.523 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

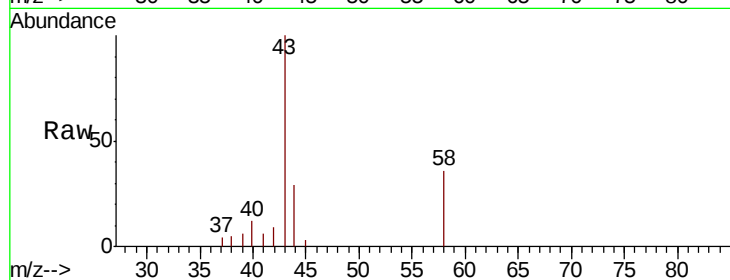
OK-02-101118

Tot Ion: 43 Resp: 14507

Ion Ratio Lower Upper

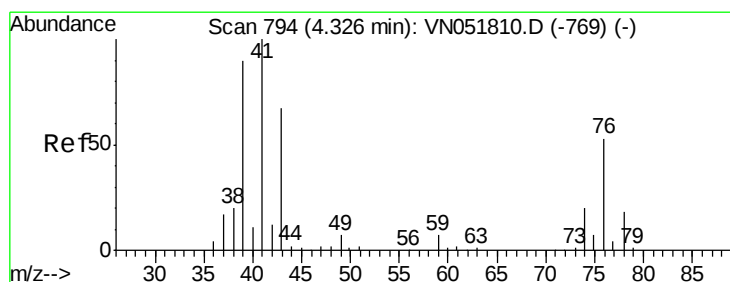
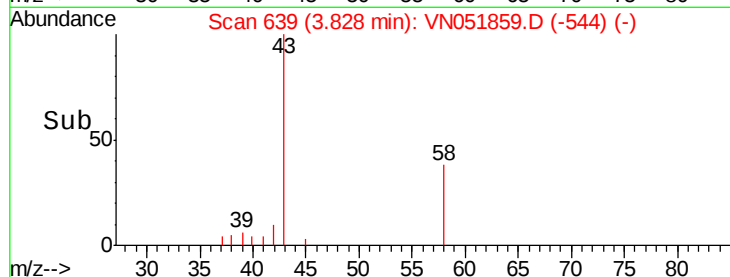
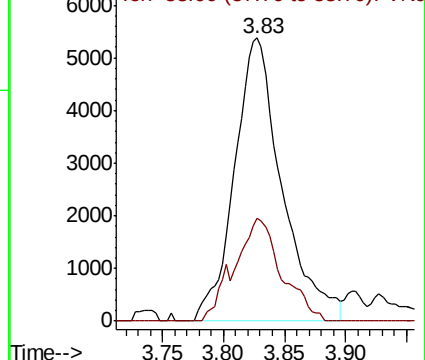
43 100

58 36.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.929 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051859.D

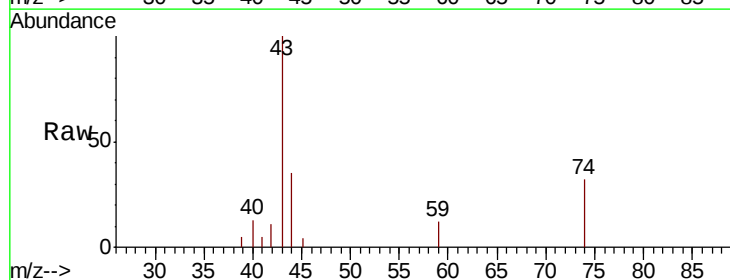
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 13279

Ion Ratio Lower Upper

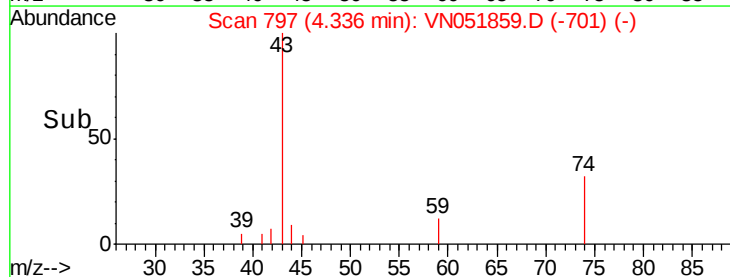
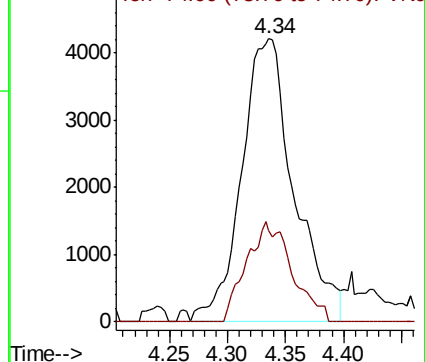
43 100

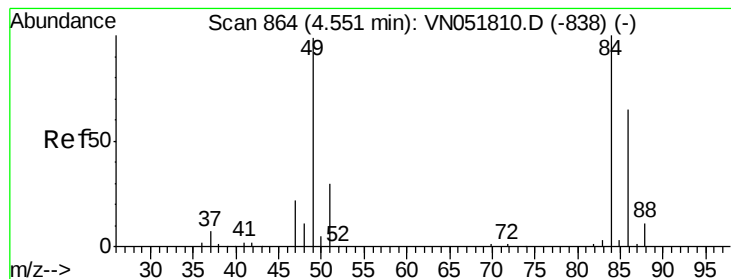
74 30.6 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 14.055 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

OK-02-101118

Tot Ion: 84 Resp: 99002

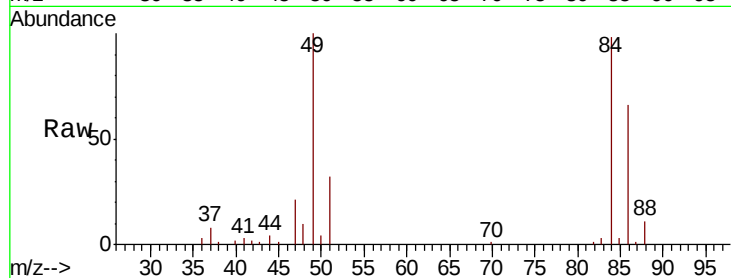
Ion Ratio Lower Upper

84 100

49 101.7 93.2 139.8

51 32.6 29.0 43.6

86 67.3 49.8 74.8

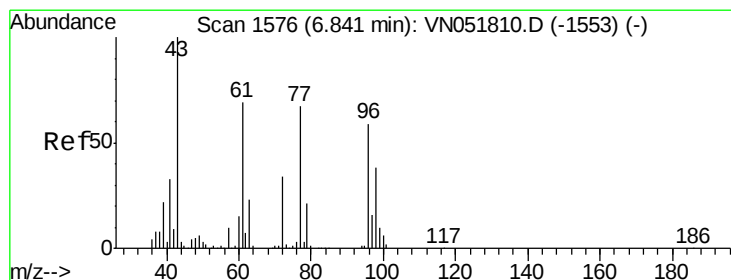
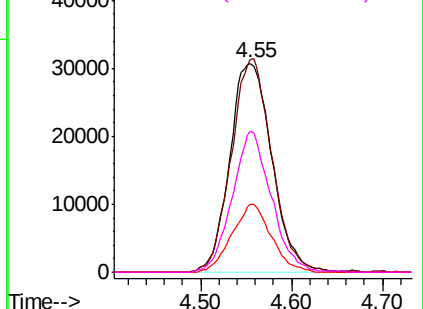
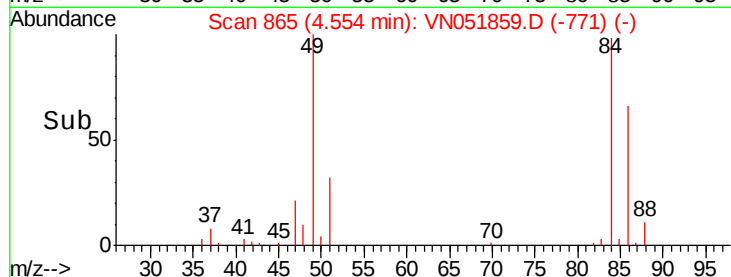


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.932 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN051859.D

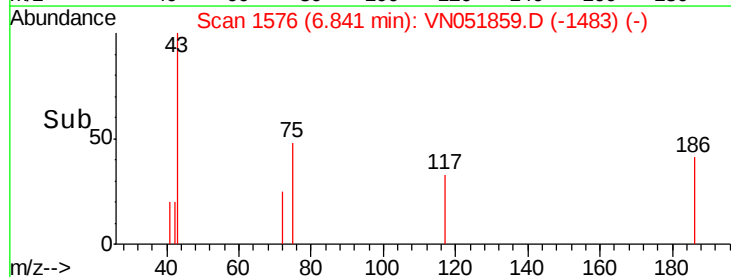
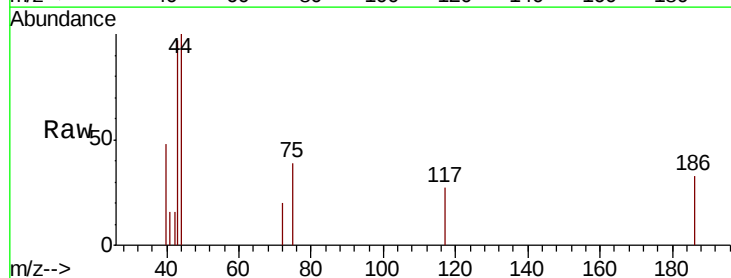
Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 2241

Ion Ratio Lower Upper

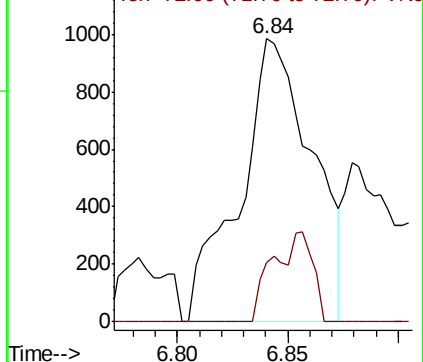
43 100

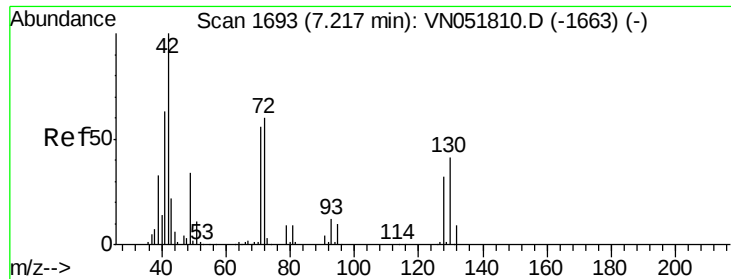
72 20.9 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

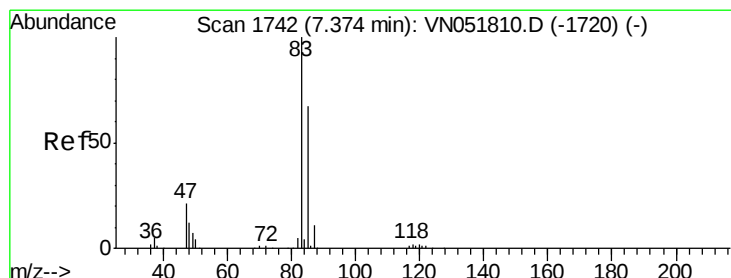
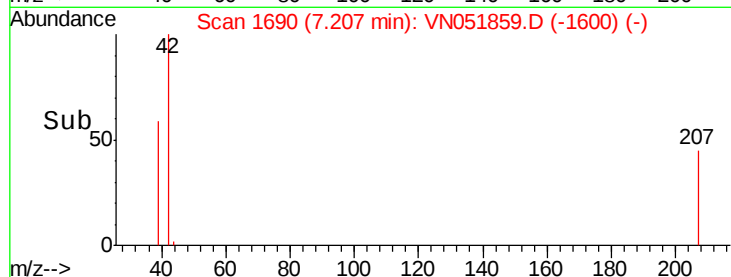
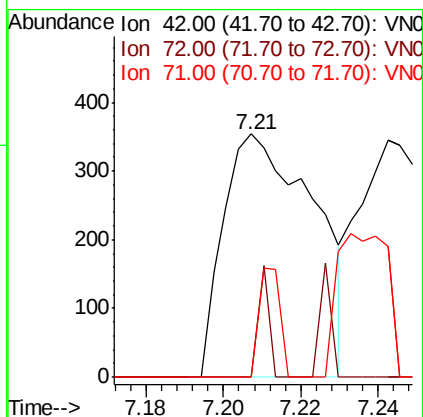
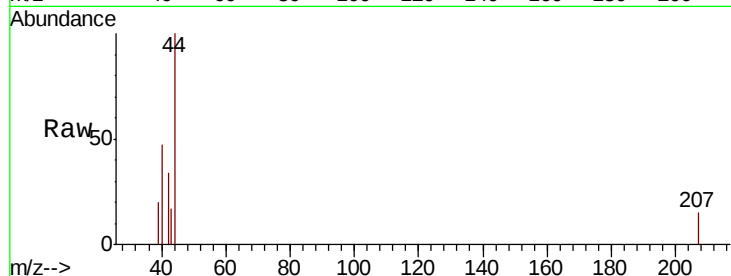




#29
Tetrahydrofuran
Concen: 0.400 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

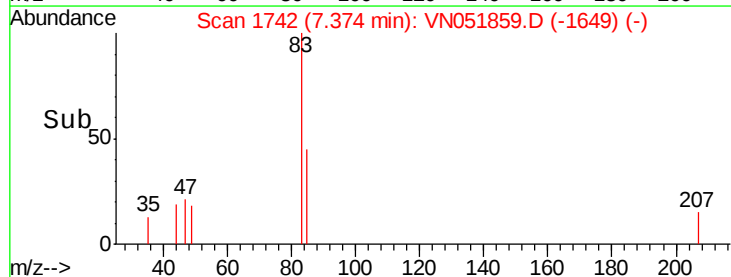
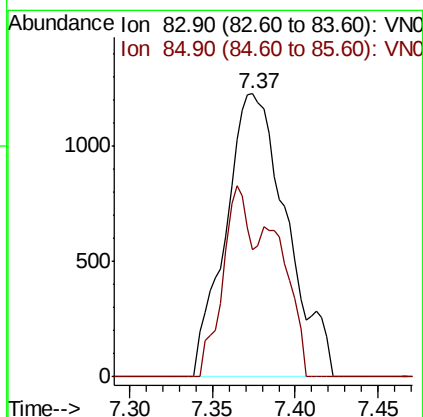
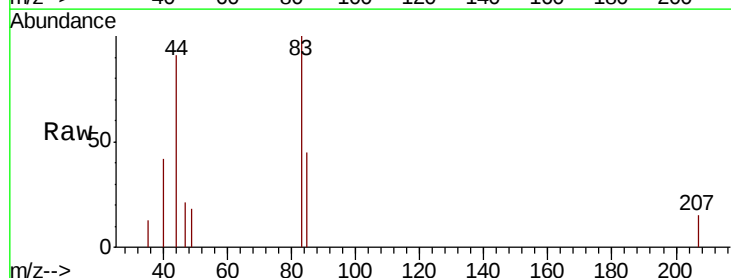
Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

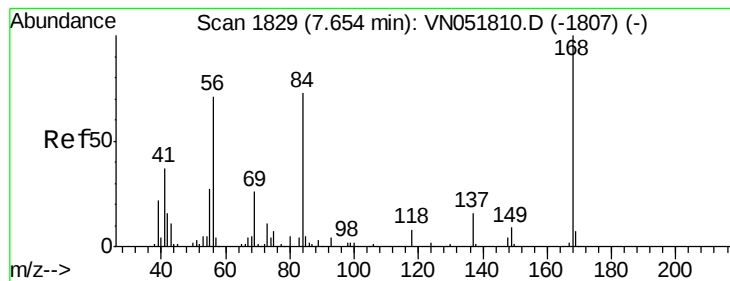
Tot Ion: 42 Resp: 574
Ion Ratio Lower Upper
42 100
72 5.4 35.5 53.3#
71 10.6 33.7 50.5#



#30
Chloroform
Concen: 0.233 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 83 Resp: 3153
Ion Ratio Lower Upper
83 100
85 45.0 52.2 78.4#





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

OK-02-101118

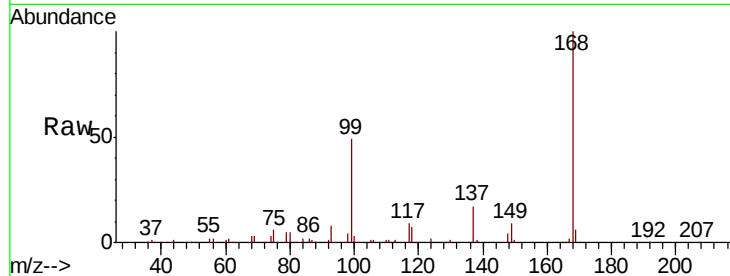
Tot Ion: 56 Resp: 13466

Ion Ratio Lower Upper

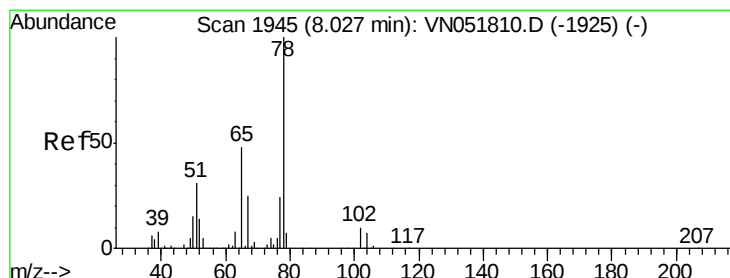
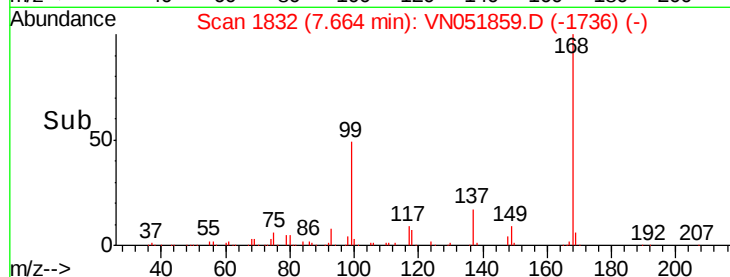
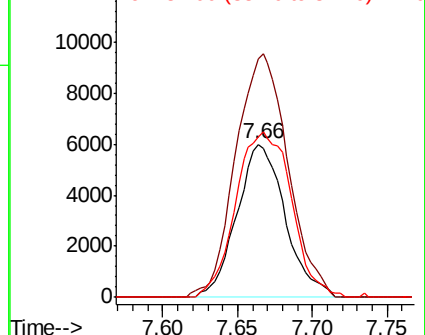
56 100

69 155.6 26.2 39.4#

84 104.6 68.3 102.5#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051859.D

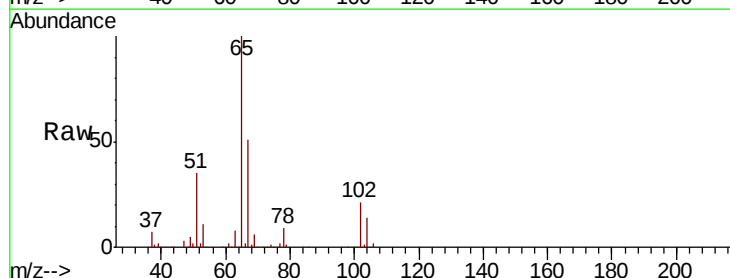
Acq: 13 Oct 2018 2:54

Tgt Ion: 65 Resp: 454991

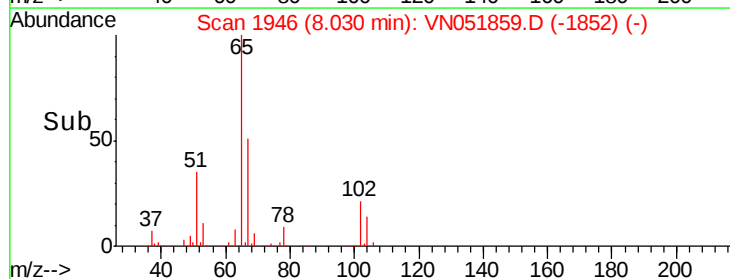
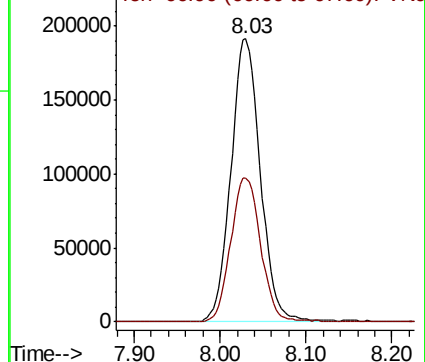
Ion Ratio Lower Upper

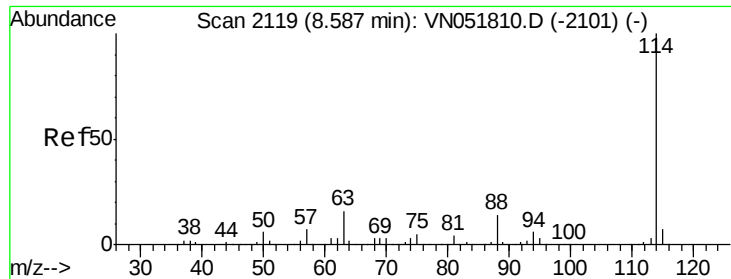
65 100

67 51.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO



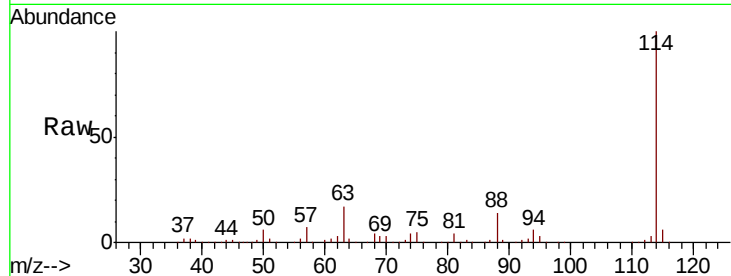


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

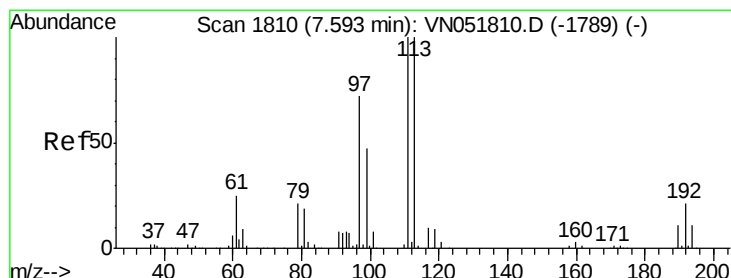
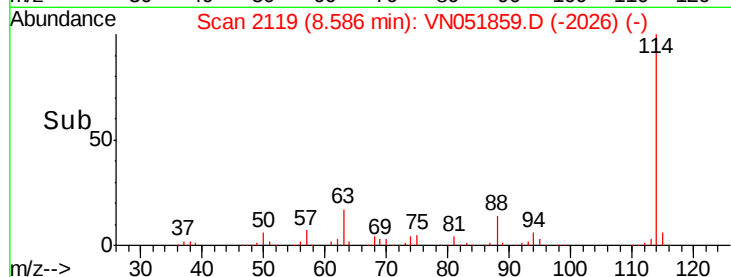
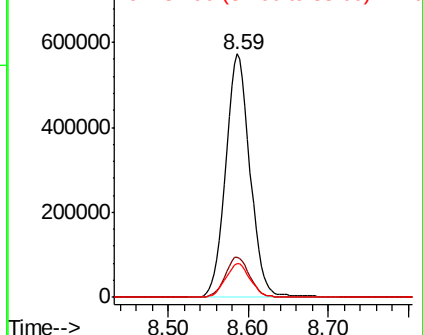
Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tot Ion:114 Resp: 1193620

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	38.6
88	13.9	0.0	30.6



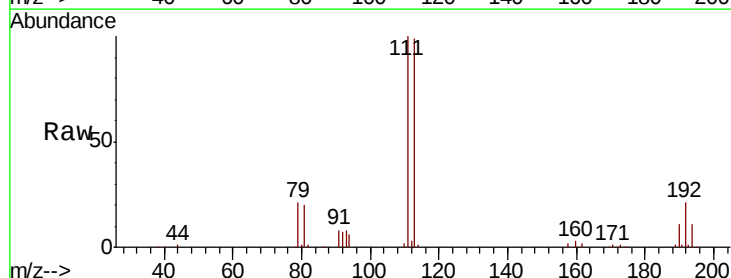
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN



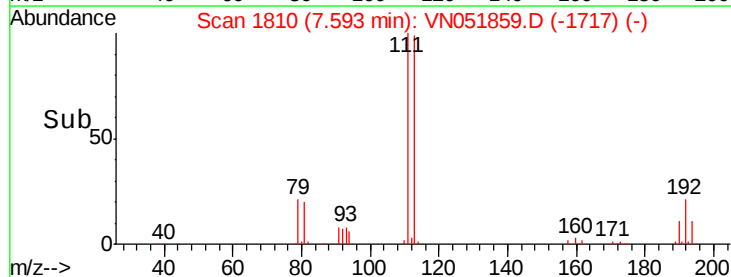
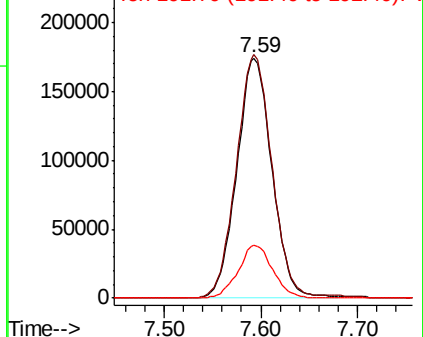
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

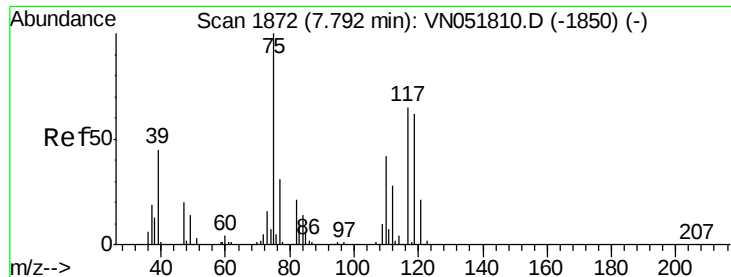
Tgt Ion:113 Resp: 438982

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	21.5	18.0	27.0



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

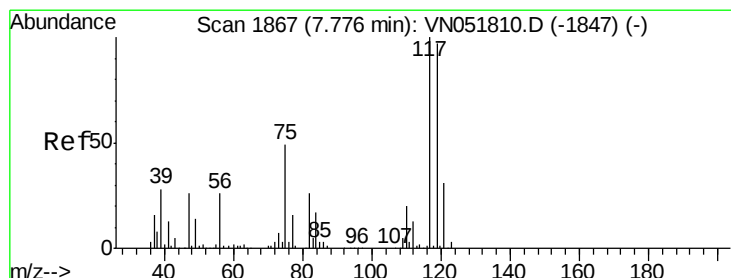
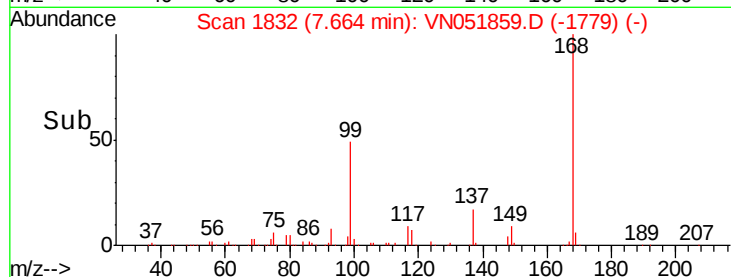
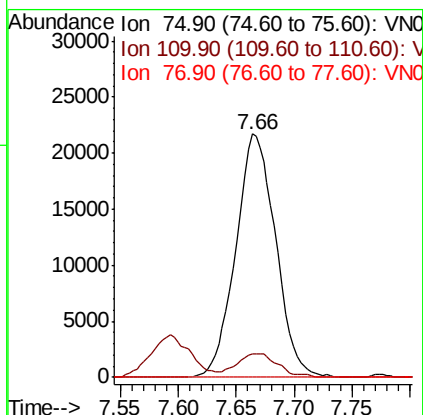
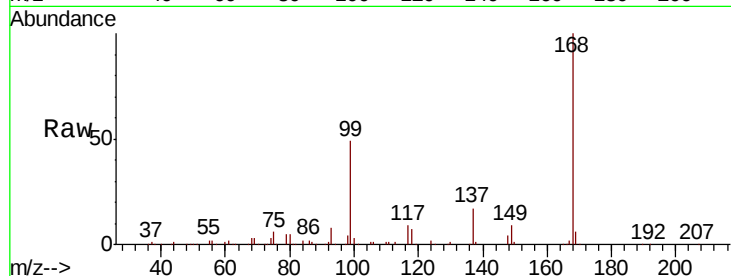




#36
 1,1-Dichloropropene
 Concen: 5.367 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

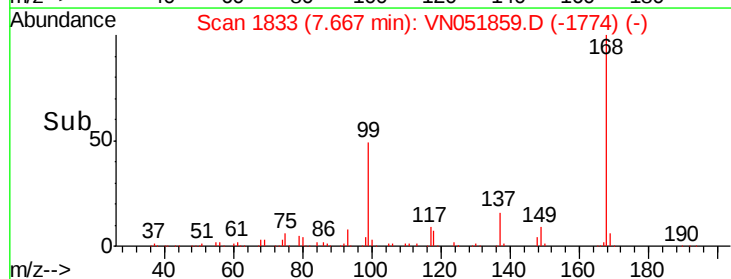
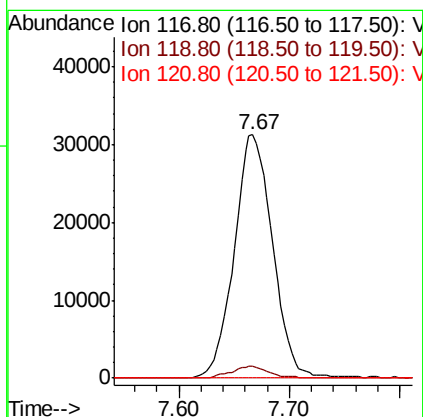
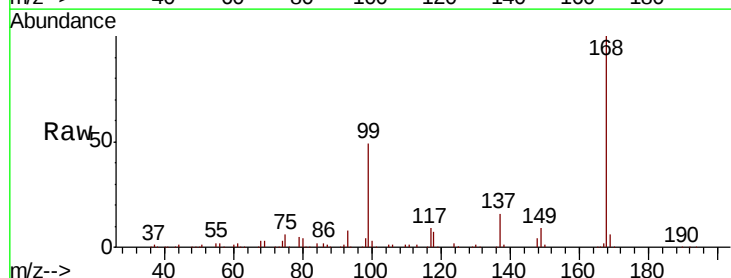
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

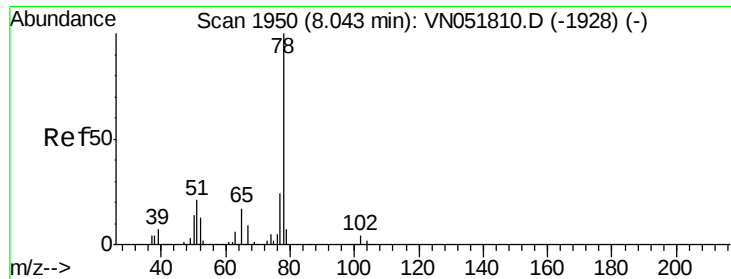
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.704 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.3	114.5#
121	0.0	24.6	36.8#





#40

Benzene

Concen: 2.187 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

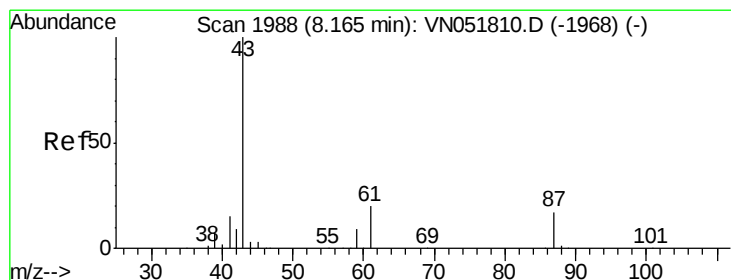
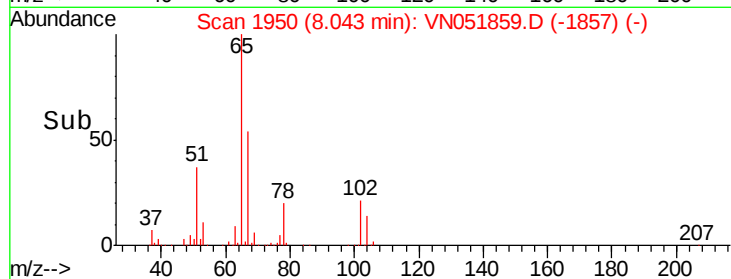
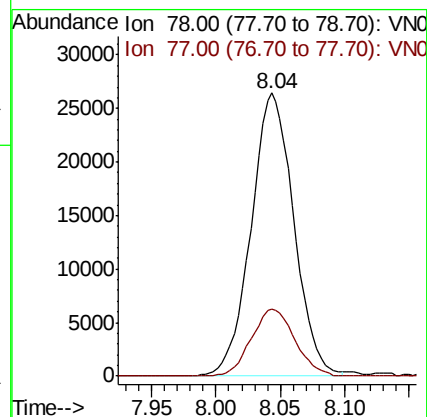
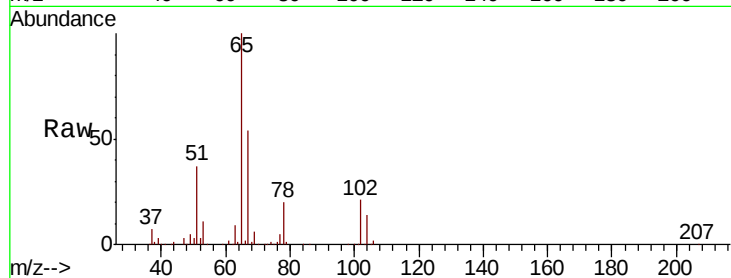
OK-02-101118

Tot Ion: 78 Resp: 60974

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#43

Isopropyl Acetate

Concen: 28.331 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

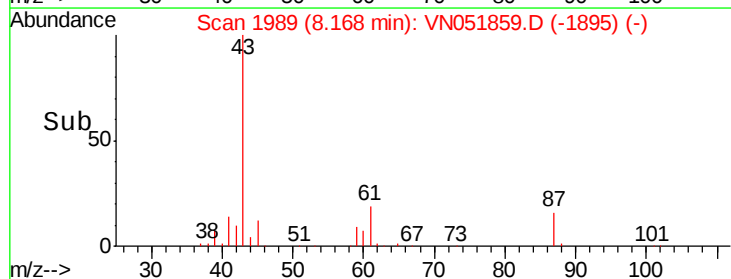
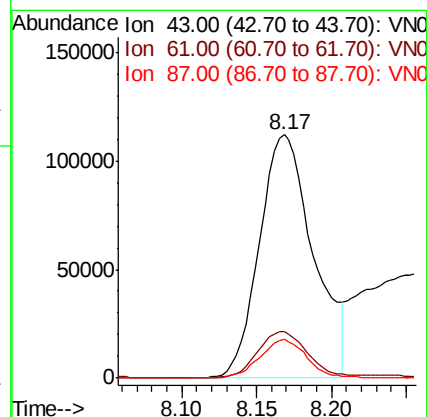
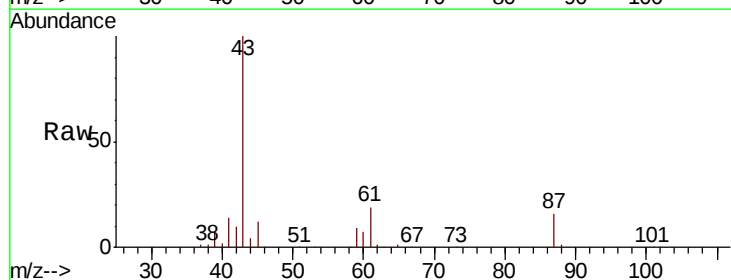
Tgt Ion: 43 Resp: 282799

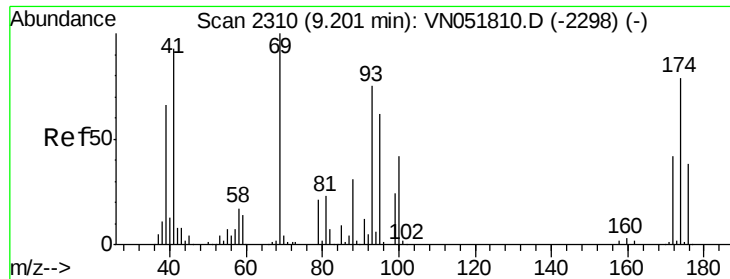
Ion Ratio Lower Upper

43 100

61 17.7 17.5 26.3

87 13.7 11.3 16.9





#48

Methvl methacrylate

Concen: 1.431 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

OK-02-101118

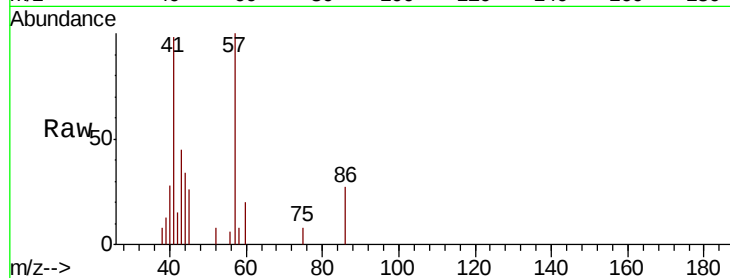
Tot Ion: 41 Resp: 6325

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

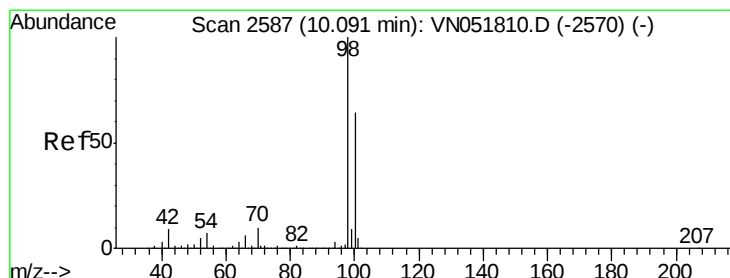
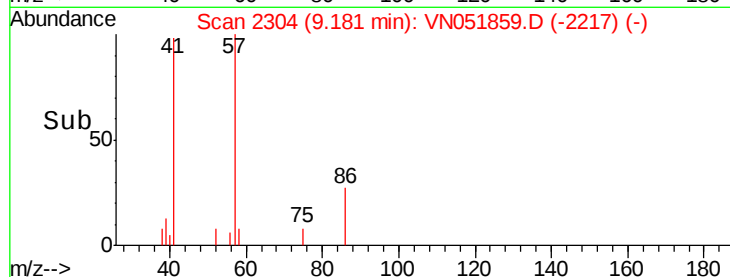
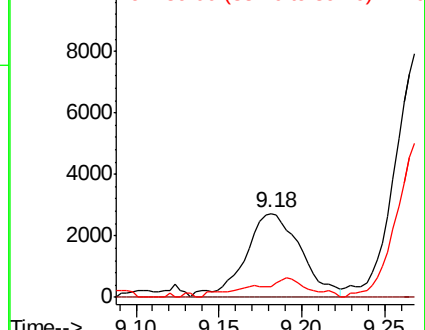
39 14.2 42.2 63.2#



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: VN051859.D

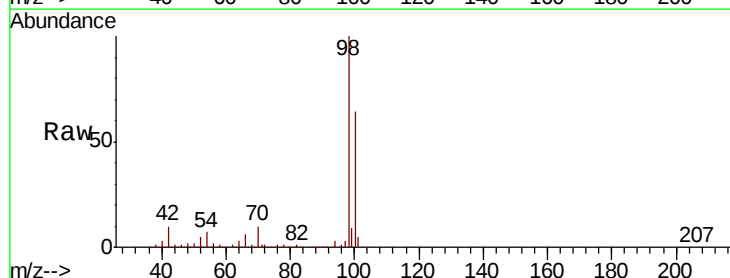
Acq: 13 Oct 2018 2:54

Tgt Ion: 98 Resp: 1649349

Ion Ratio Lower Upper

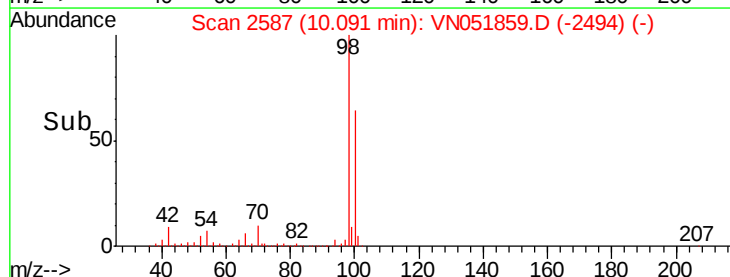
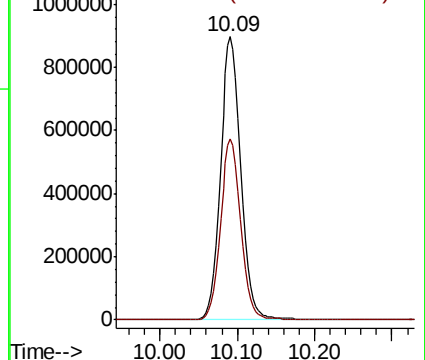
98 100

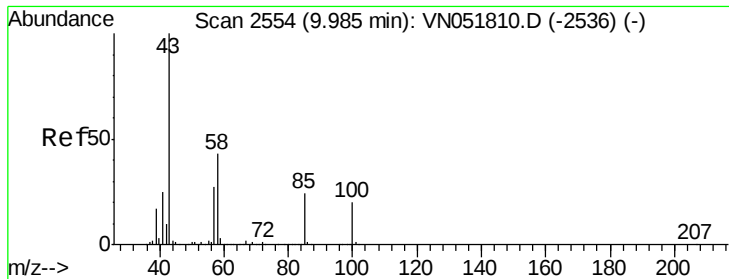
100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.454 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampled :

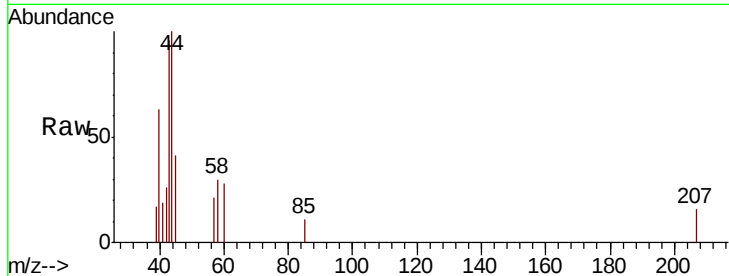
OK-02-101118

Tot Ion: 43 Resp: 2339

Ion Ratio Lower Upper

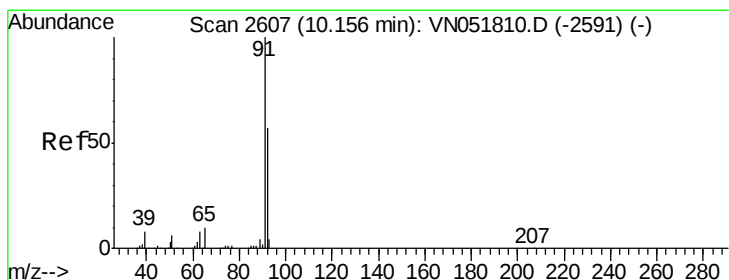
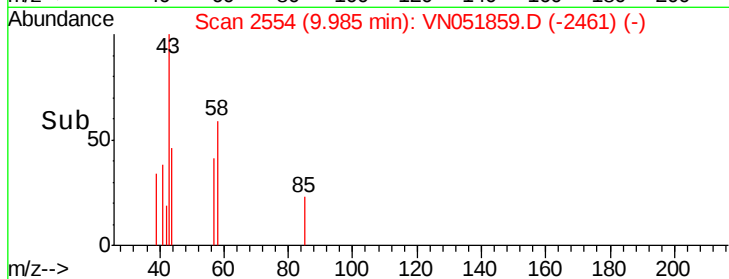
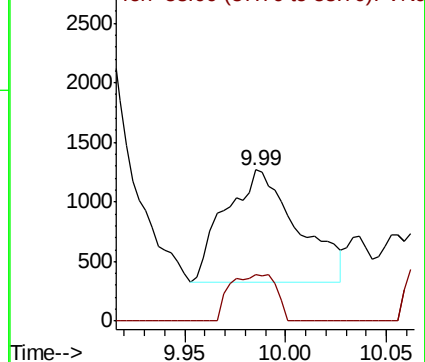
43 100

58 26.9 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 3.076 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051859.D

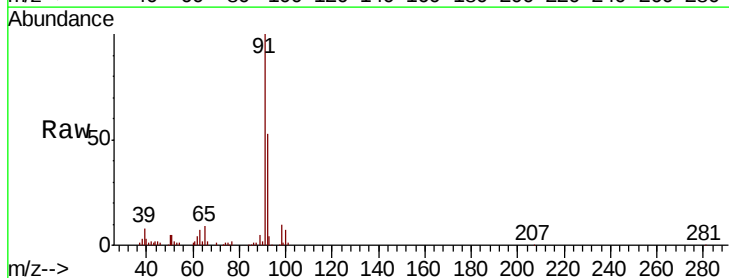
Acq: 13 Oct 2018 2:54

Tgt Ion: 92 Resp: 57578

Ion Ratio Lower Upper

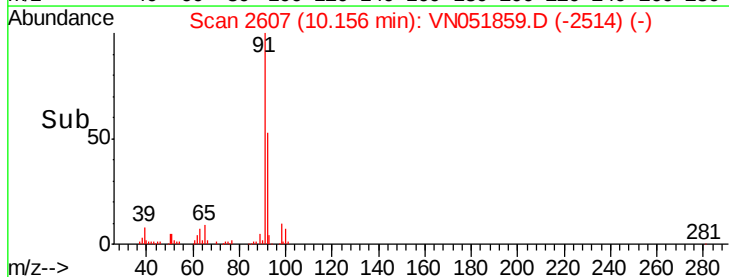
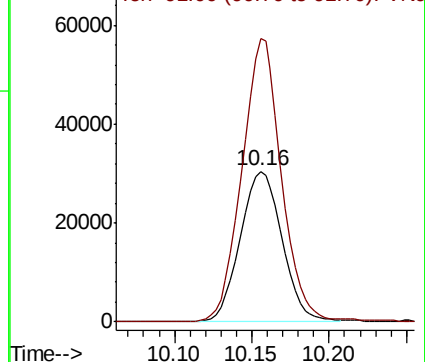
92 100

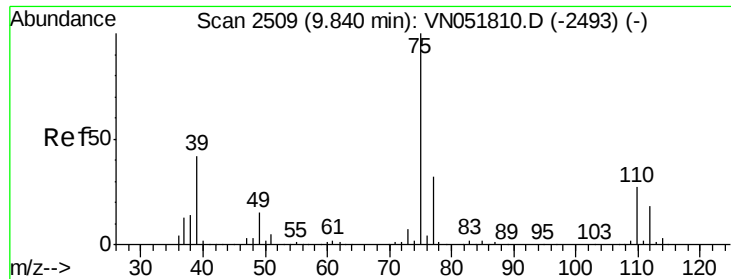
91 177.4 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



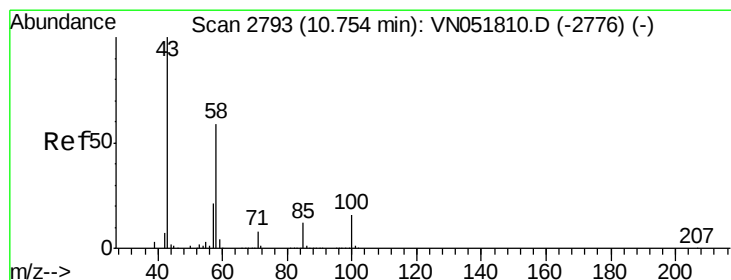
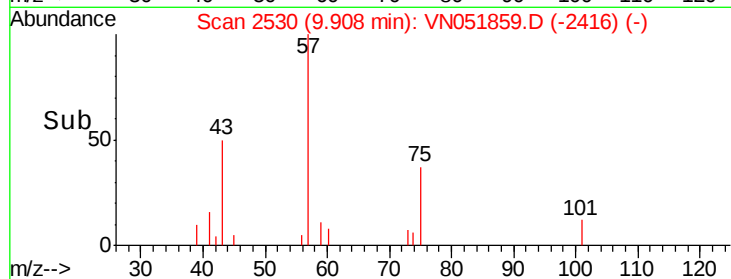
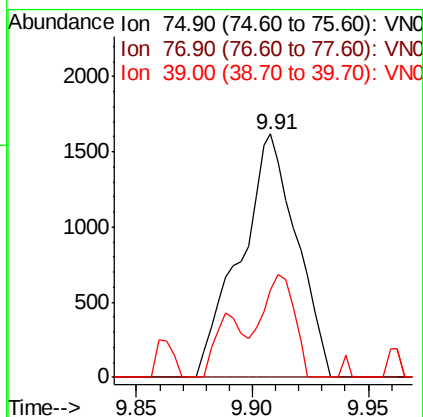
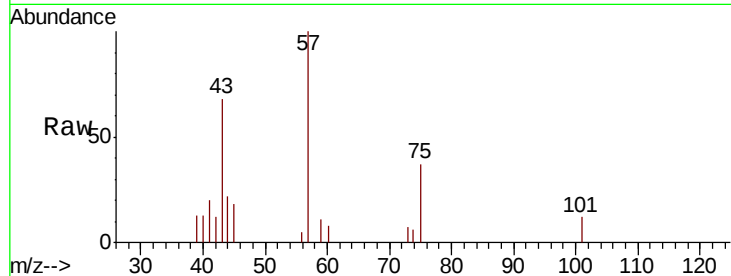


#54

cis-1,3-Dichloropropene
 Concen: 0.248 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-101118

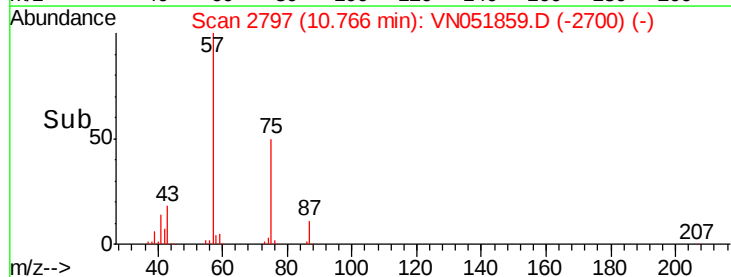
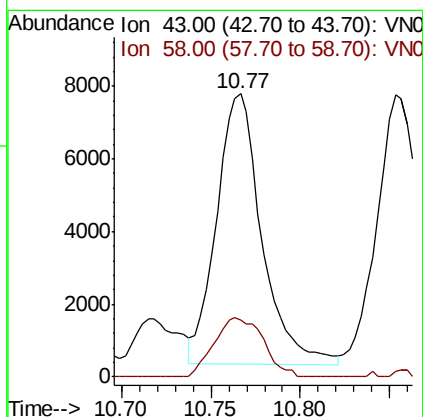
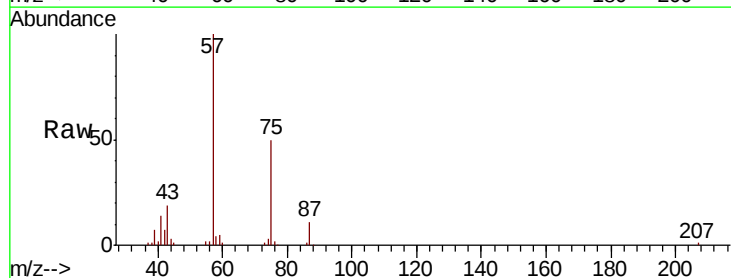
Tot Ion: 75 Resp: 2738
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#
 39 36.0 33.0 49.4

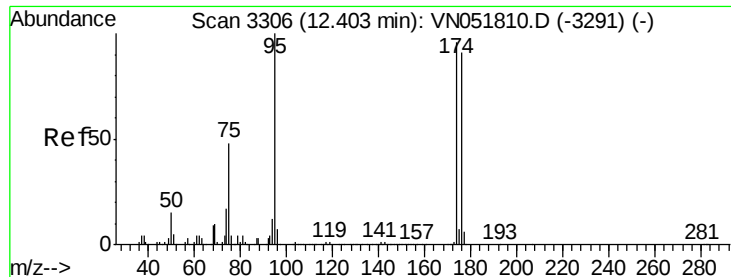


#59

2-Hexanone
 Concen: 3.625 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN051859.D
 Acq: 13 Oct 2018 2:54

Tgt Ion: 43 Resp: 13111
 Ion Ratio Lower Upper
 43 100
 58 23.8 28.3 85.0#

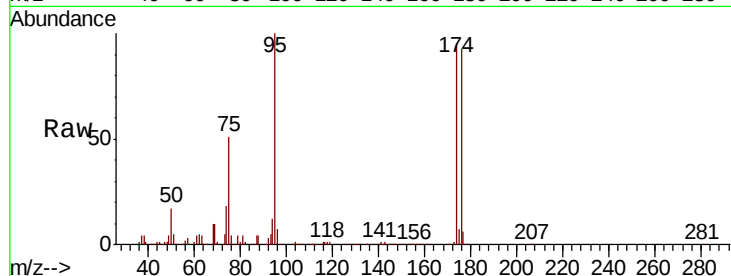




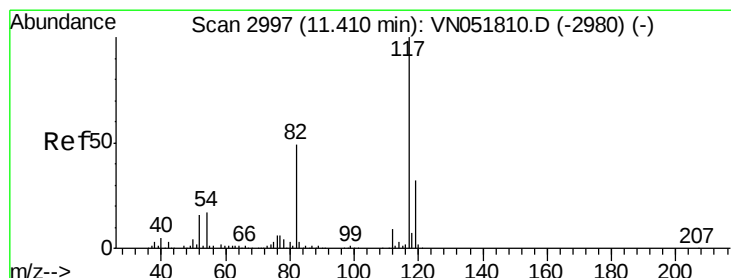
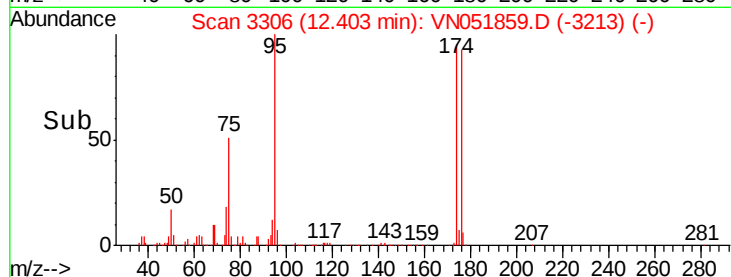
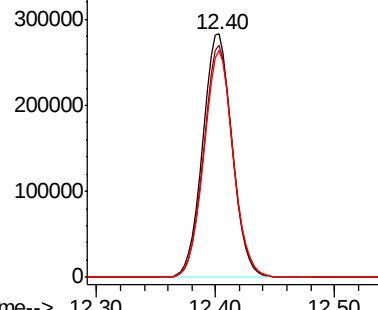
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Instrument :
MSVOA_N
ClientSampleId :
OK-02-101118

Tot Ion: 95 Resp: 484539
Ion Ratio Lower Upper
95 100
174 94.6 0.0 183.0
176 92.5 0.0 178.8

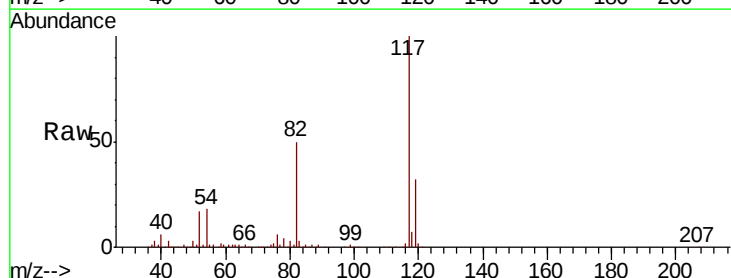


Abundance Ion 94.90 (94.60 to 95.60): VN
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

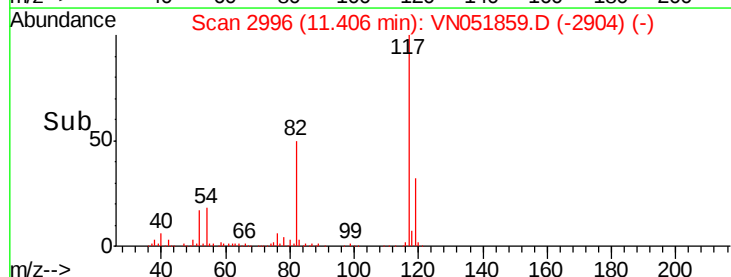
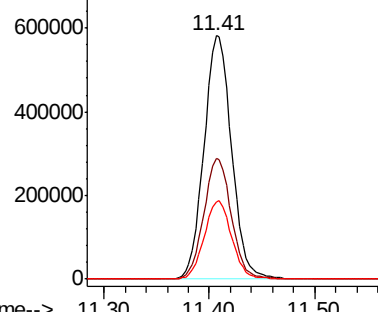


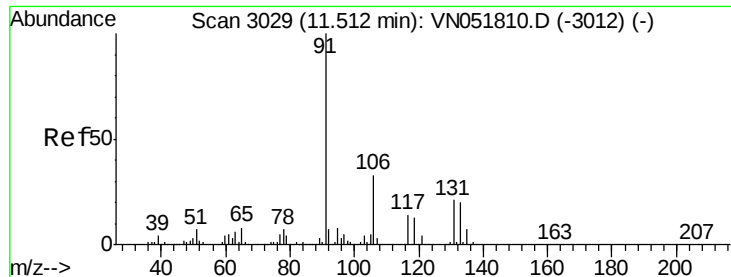
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 117 Resp: 1053214
Ion Ratio Lower Upper
117 100
82 49.8 42.6 64.0
119 32.0 25.8 38.6



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

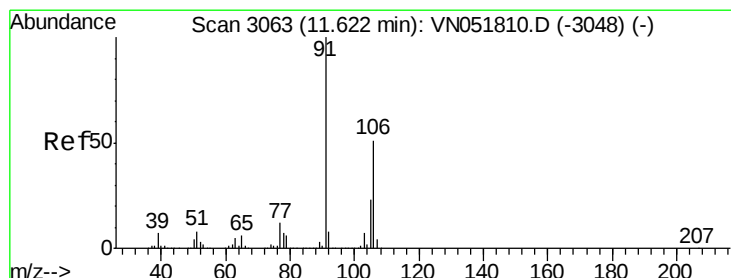
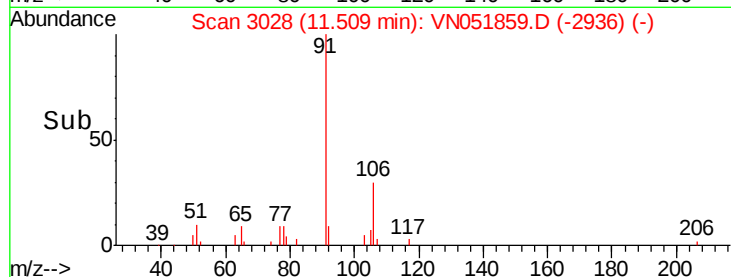
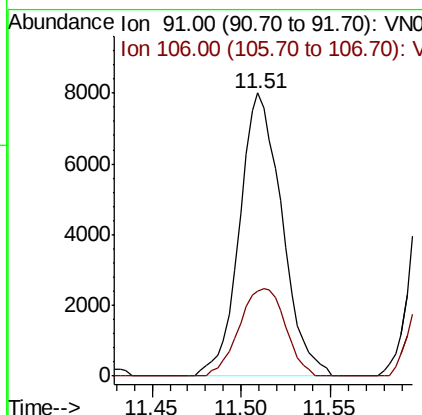
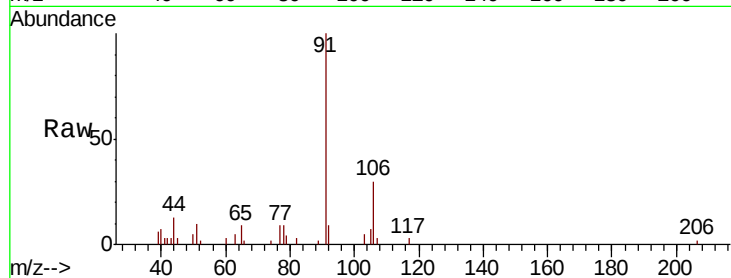




#67
Ethyl Benzene
Concen: 0.376 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

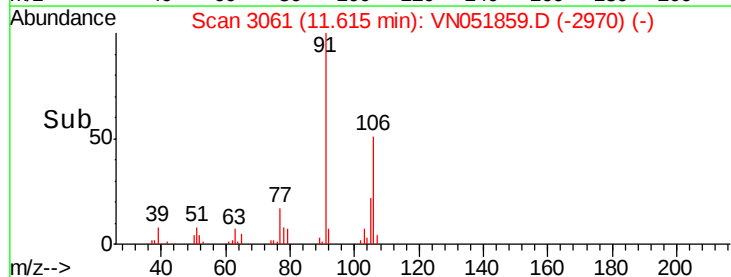
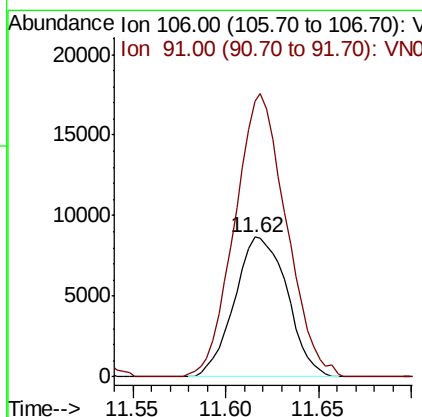
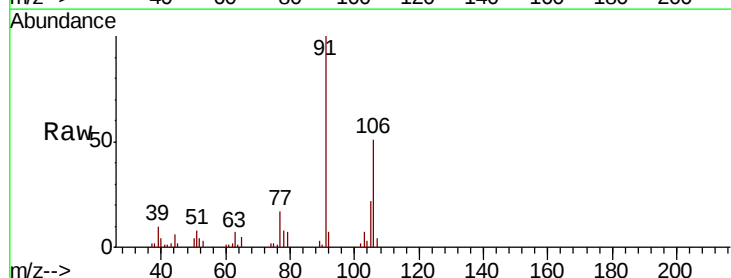
Instrument :
MSVOA_N
ClientSampled :
OK-02-101118

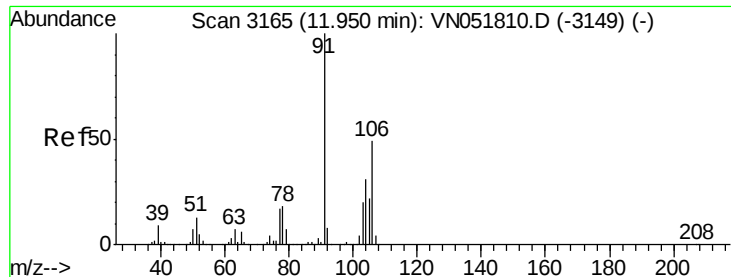
Tot Ion: 91 Resp: 13268
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 1.201 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion: 106 Resp: 17105
Ion Ratio Lower Upper
106 100
91 198.8 161.0 241.6

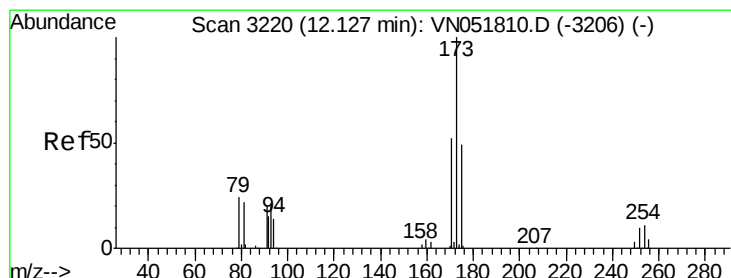
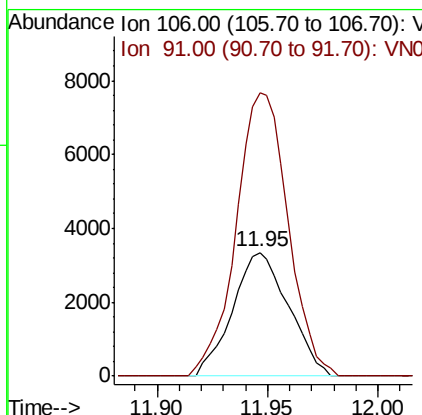
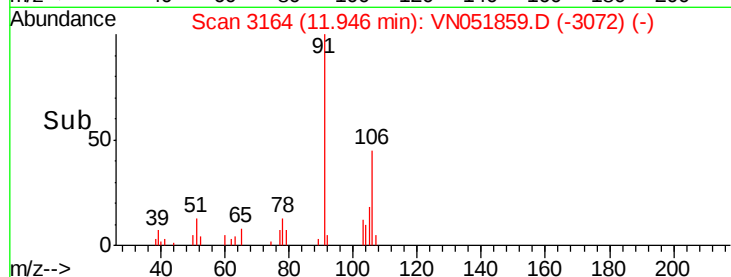
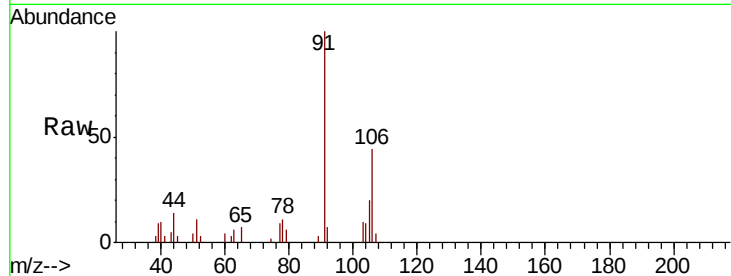




#69
o-Xylene
Concen: 0.427 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

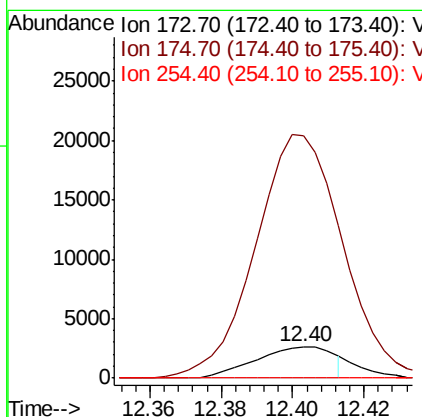
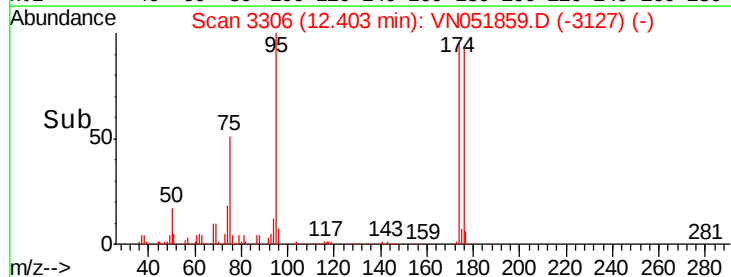
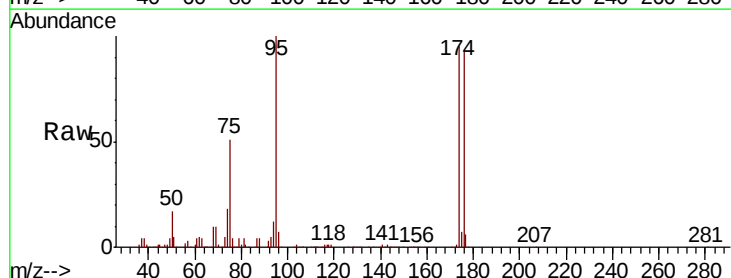
Instrument :
MSVOA_N
ClientSampled :
OK-02-101118

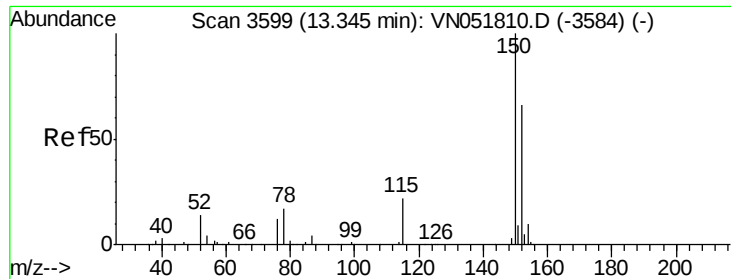
Tot Ion:106 Resp: 5907
Ion Ratio Lower Upper
106 100
91 212.4 106.5 319.5



#71
Bromoform
Concen: 4.164 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051859.D
Acq: 13 Oct 2018 2:54

Tgt Ion:173 Resp: 4028
Ion Ratio Lower Upper
173 100
175 747.2 24.4 73.4#
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: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampled :

OK-02-101118

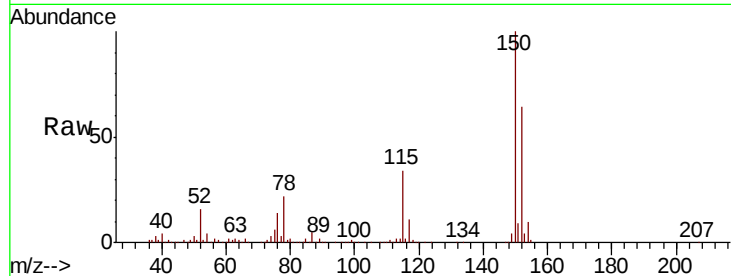
Tot Ion:152 Resp: 413436

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.4

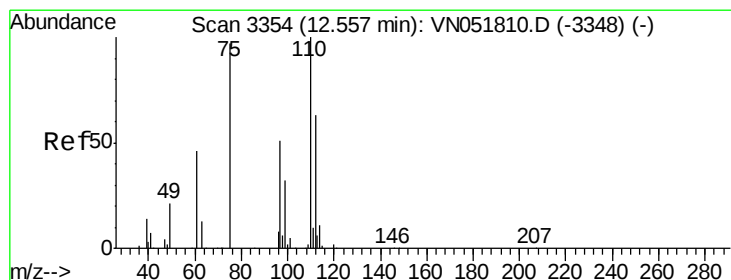
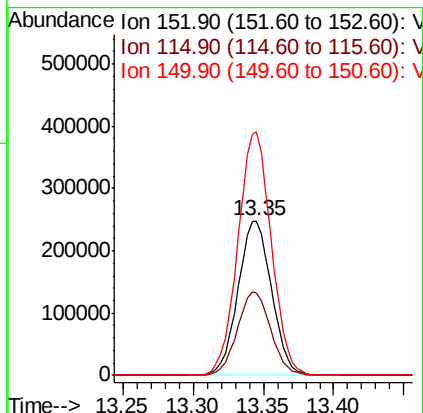
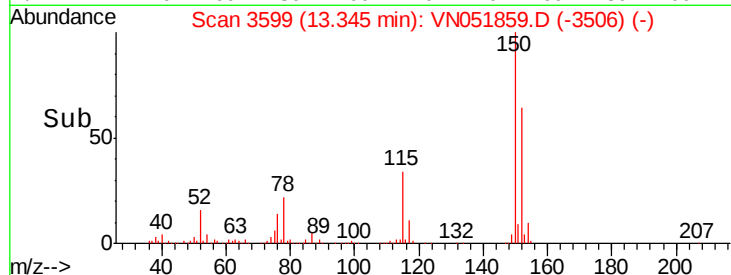
150 156.8 0.0 351.4



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



#76

1,2,3-Trichloropropane

Concen: 48.475 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.16 min

Lab File: VN051859.D

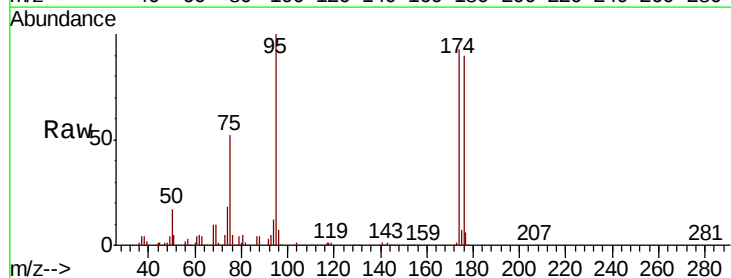
Acq: 13 Oct 2018 2:54

Tgt Ion: 75 Resp: 247337

Ion Ratio Lower Upper

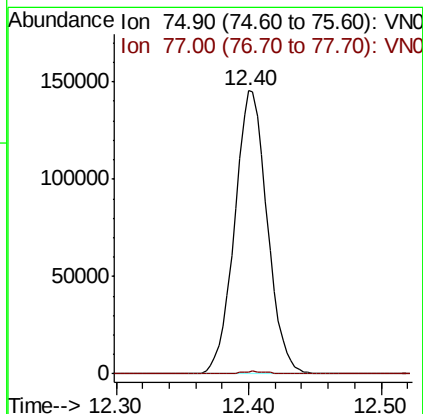
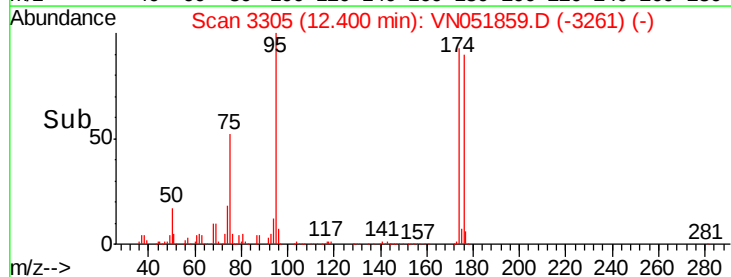
75 100

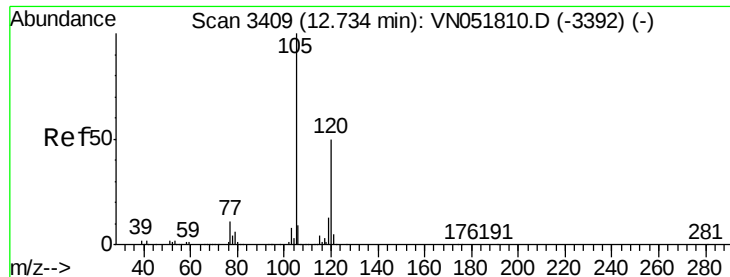
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.329 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampled :

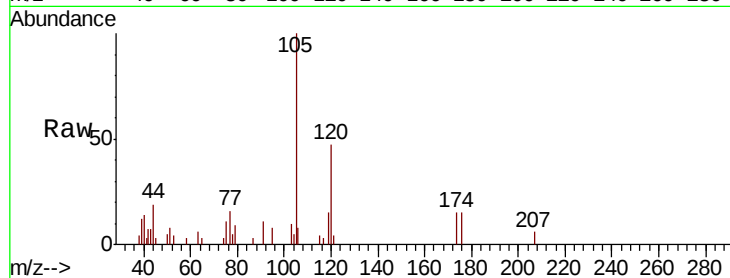
OK-02-101118

Tot Ion:105 Resp: 8529

Ion Ratio Lower Upper

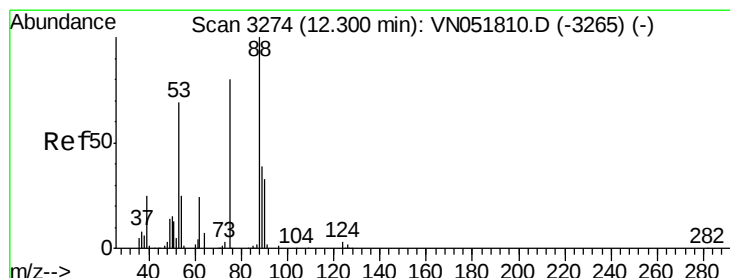
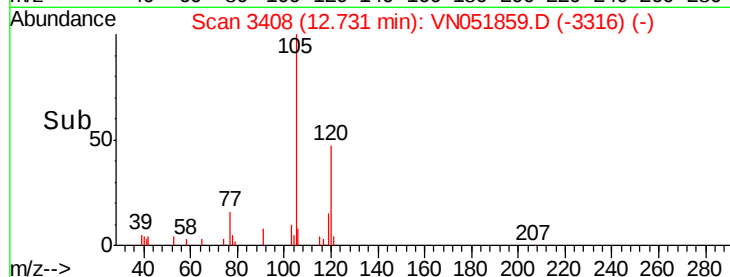
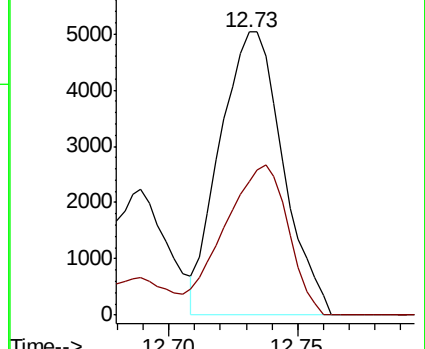
105 100

120 54.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 137.764 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

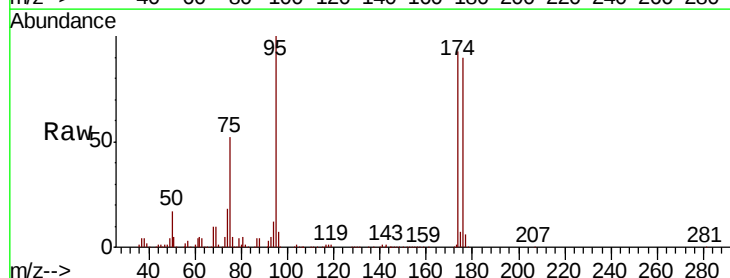
Tgt Ion: 75 Resp: 247337

Ion Ratio Lower Upper

75 100

53 0.0 68.9 103.3#

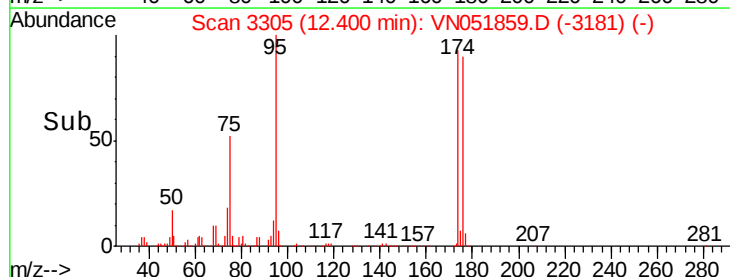
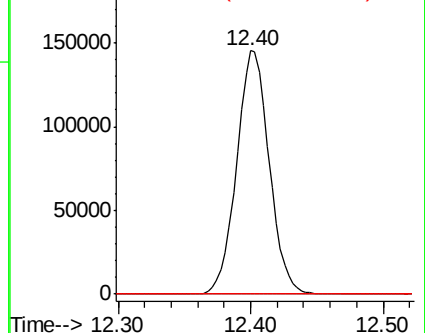
89 0.0 36.1 54.1#

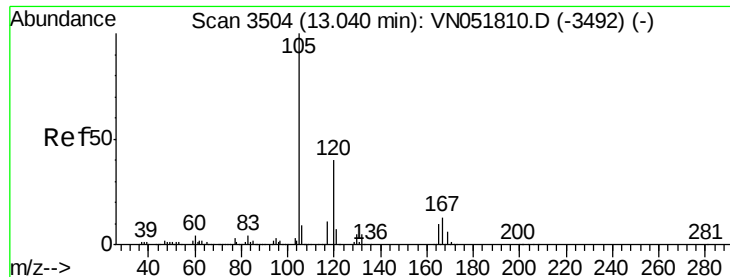


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.725 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampled :

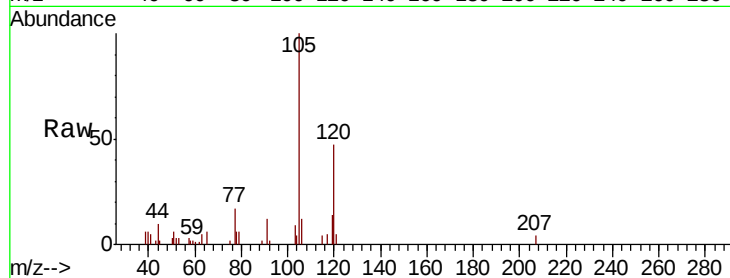
OK-02-101118

Tot Ion:105 Resp: 18741

Ion Ratio Lower Upper

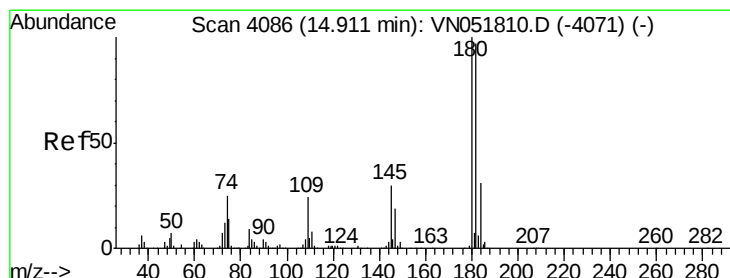
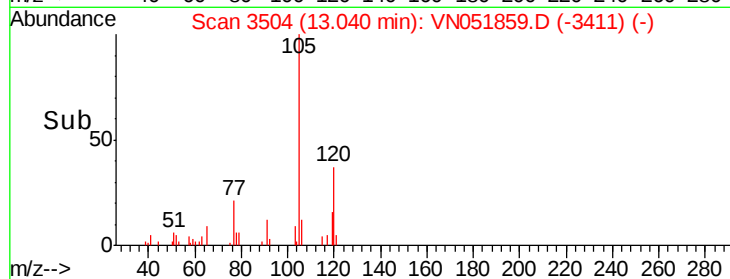
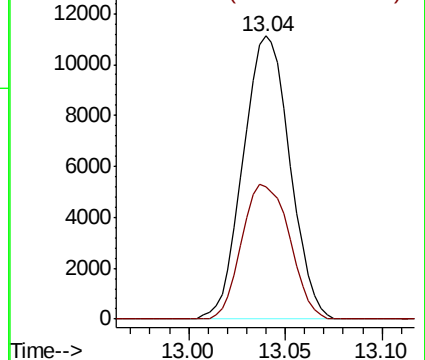
105 100

120 48.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.674 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

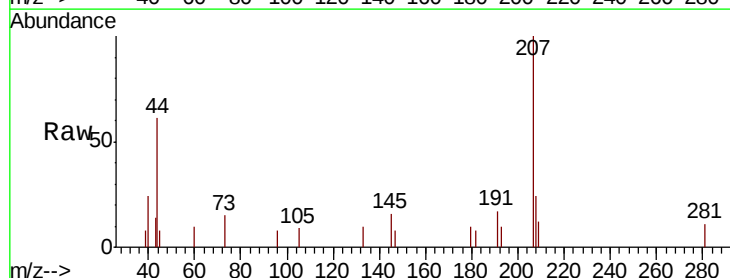
Tgt Ion:180 Resp: 148

Ion Ratio Lower Upper

180 100

182 163.5 48.2 144.6#

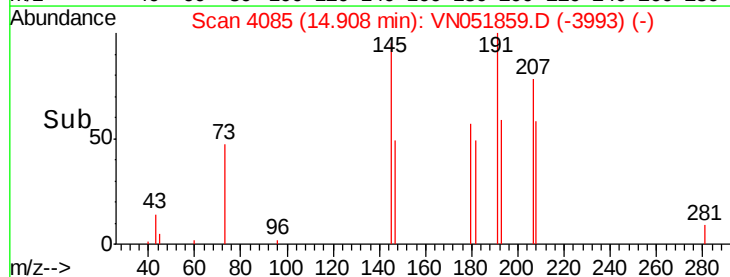
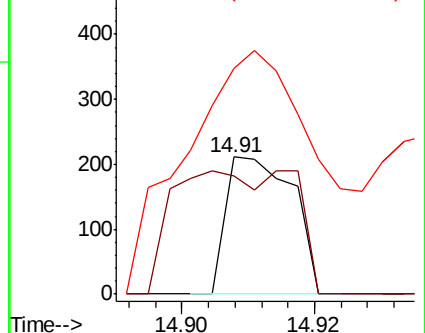
145 355.4 14.1 42.2#

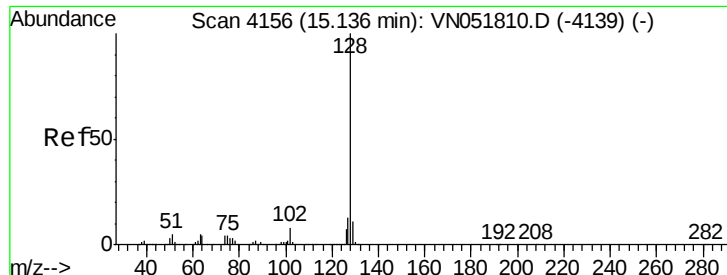


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 15.283 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051859.D

Acq: 13 Oct 2018 2:54

Instrument :

MSVOA_N

ClientSampleId :

OK-02-101118

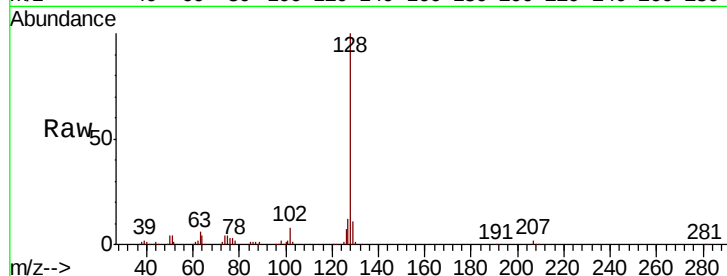
Tot Ion:128 Resp: 181799

Ion Ratio Lower Upper

128 100

127 12.1 10.5 15.7

129 10.6 8.7 13.1



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

