

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051149.D
 Acq On : 12 Sep 2018 13:46
 Operator : MD\SY
 Sample : J4780-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-091118

Quant Time: Sep 13 07:19:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1014700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303763	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	396123	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.59	113	372549	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	1377409	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.40	95	381929	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	

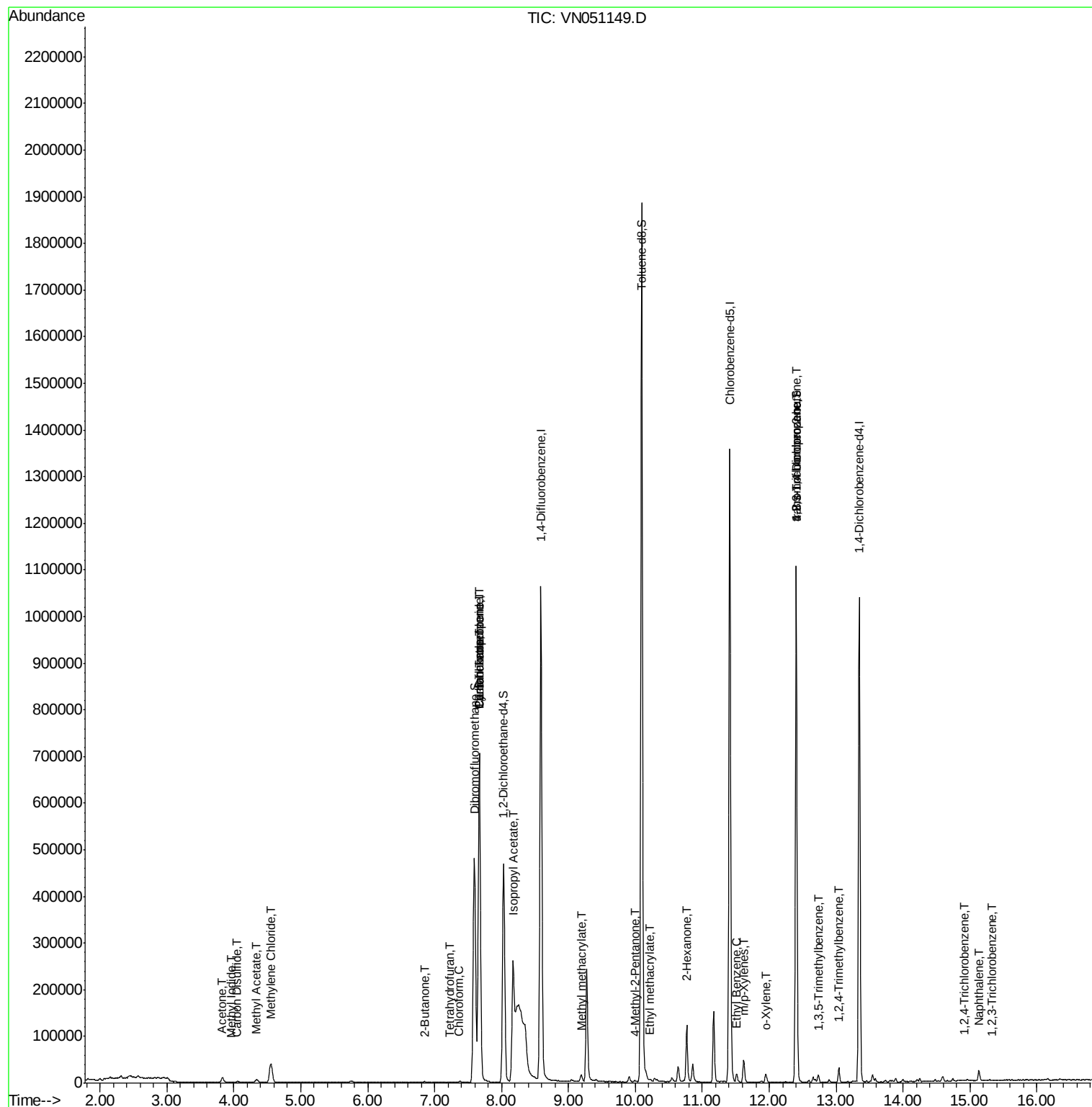
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2716	Below Cal		91
5) Bromomethane	2.57	94	2645	Below Cal	#	55
10) Methyl Iodide	3.96	142	301	5.67	ug/l #	44
16) Acetone	3.83	43	17386	4.41	ug/l	98
17) Carbon Disulfide	4.05	76	2572	0.24	ug/l #	76
18) Methyl Acetate	4.34	43	13247	2.39	ug/l	91
20) Methylene Chloride	4.55	84	33347	4.36	ug/l	97
25) 2-Butanone	6.85	43	2507	0.92	ug/l	93
29) Tetrahydrofuran	7.22	42	675	0.40	ug/l #	49
30) Chloroform	7.37	83	3518	0.28	ug/l	94
31) Cyclohexane	7.67	56	9802	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41061	3.69	ug/l #	48
38) Carbon Tetrachloride	7.67	117	54368	4.96	ug/l #	17
43) Isopropyl Acetate	8.17	43	334996	29.43	ug/l #	81
48) Methyl methacrylate	9.18	41	7642	1.38	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	2344	0.37	ug/l #	81
56) Ethyl methacrylate	10.23	69	2207	2.66	ug/l #	55
59) 2-Hexanone	10.77	43	16294	3.82	ug/l #	59
67) Ethyl Benzene	11.51	91	13932	0.39	ug/l	96
68) m/p-Xylenes	11.62	106	15378	1.13	ug/l	100
69) o-Xylene	11.95	106	4533	0.34	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	176080	37.00	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7634	0.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	176080	110.09	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	18458	0.91	ug/l	99
90) Hexachloroethane	13.89	117	523	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.91	180	240	4.02	ug/l #	67
95) Naphthalene	15.13	128	19628	6.88	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	32	2.95	ug/l #	1

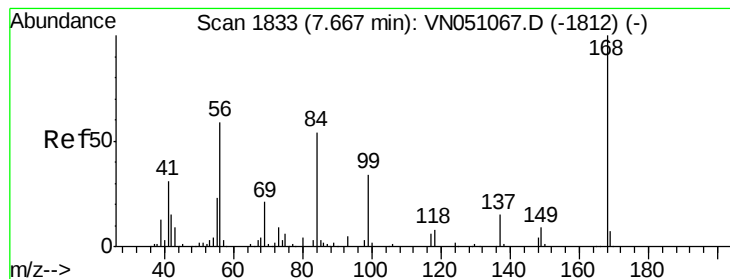
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

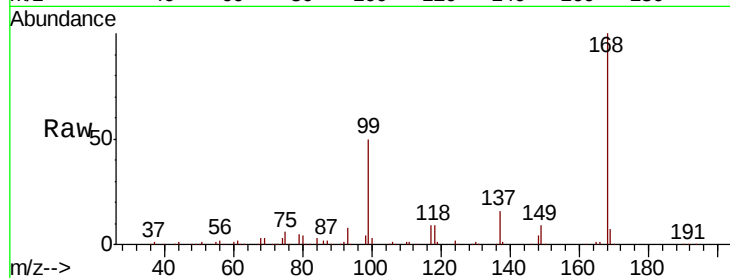
TR-04-091118

Tot Ion:168 Resp: 622863

Ion Ratio Lower Upper

168 100

99 49.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

250000

200000

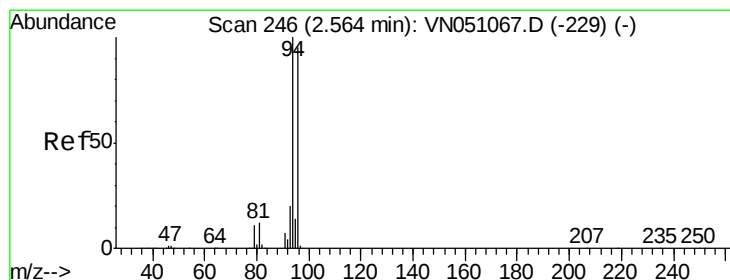
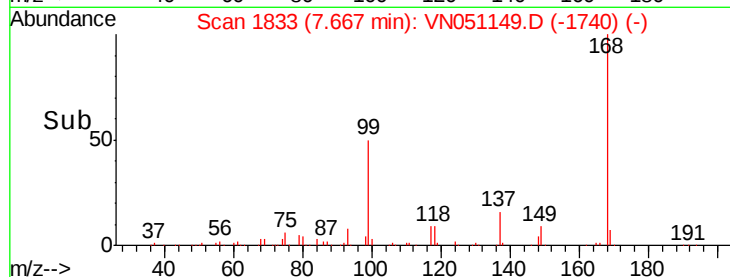
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051149.D

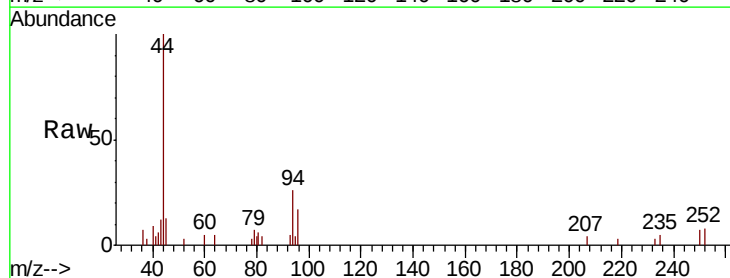
Acq: 12 Sep 2018 13:46

Tgt Ion: 94 Resp: 2645

Ion Ratio Lower Upper

94 100

96 51.5 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

2.57

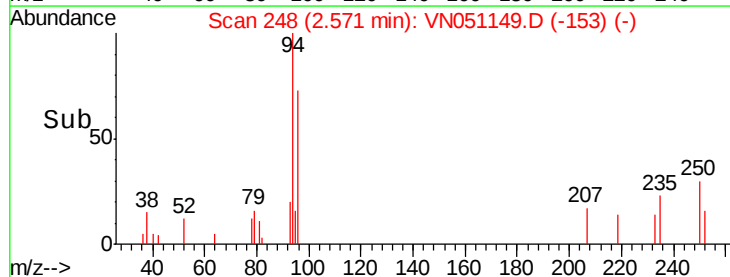
1500

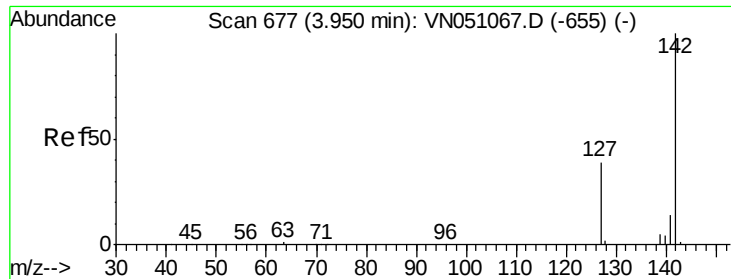
1000

500

0

Time-->

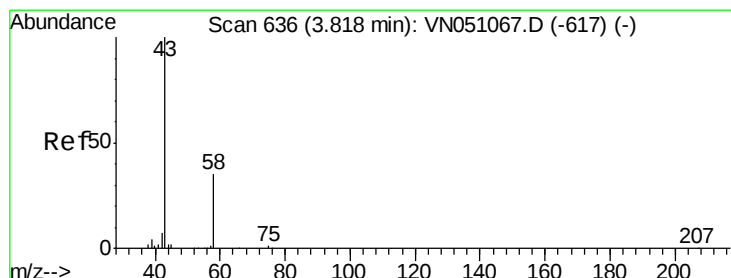
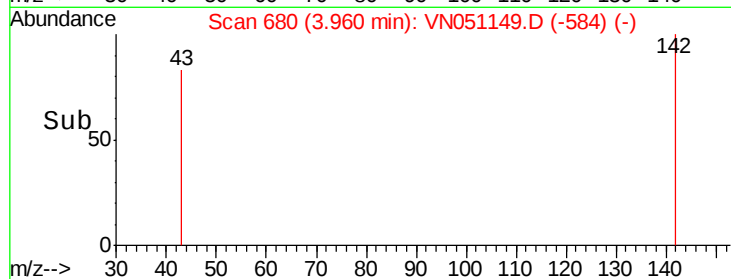
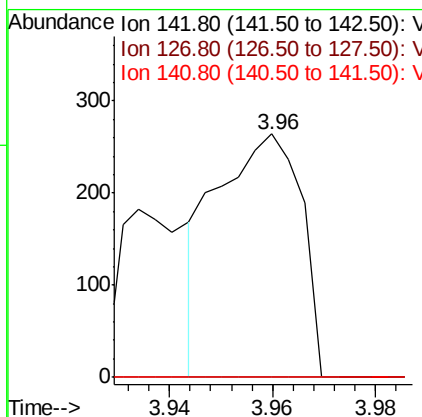
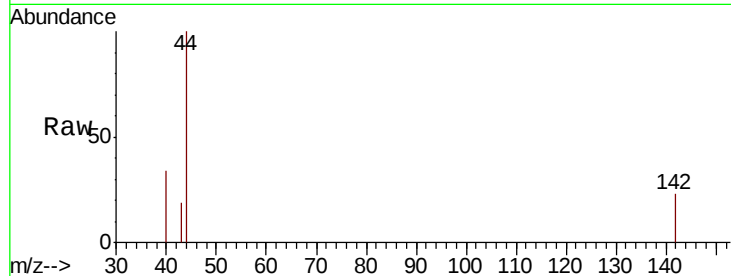




#10
Methvl Iodide
Concen: 5.67 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

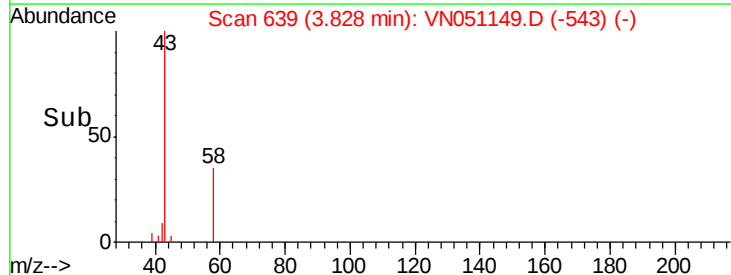
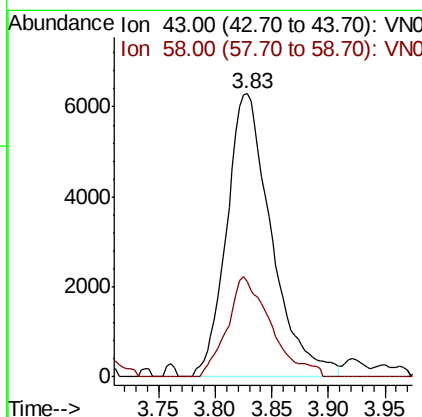
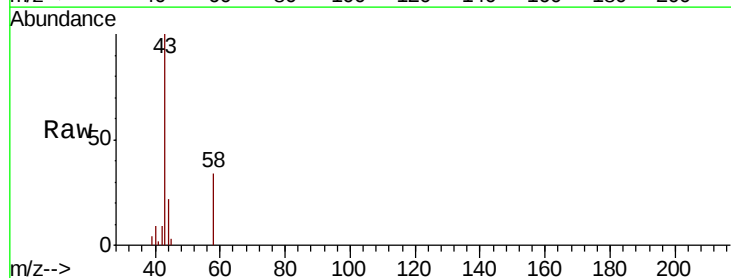
Instrument :
MSVOA_N
ClientSampleId :
TR-04-091118

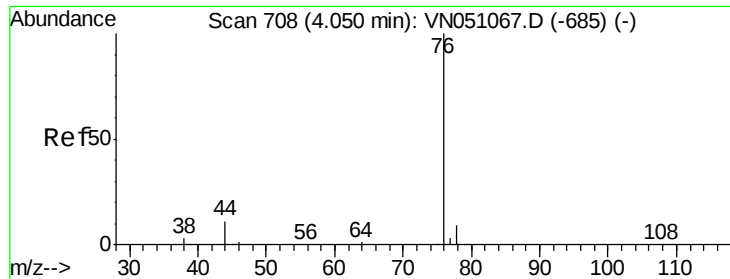
Tot Ion:142 Resp: 301
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 4.41 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Tgt Ion: 43 Resp: 17386
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.6

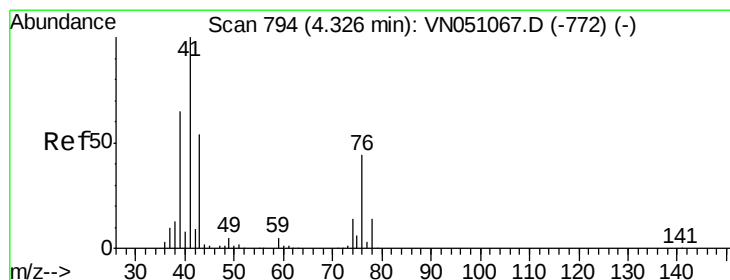
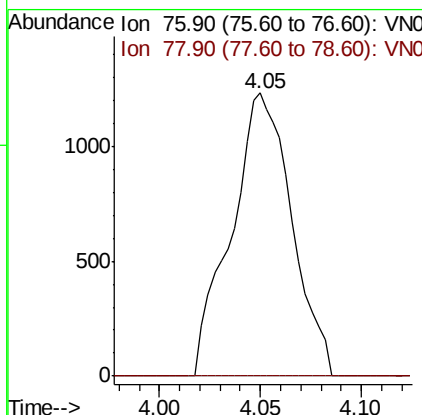
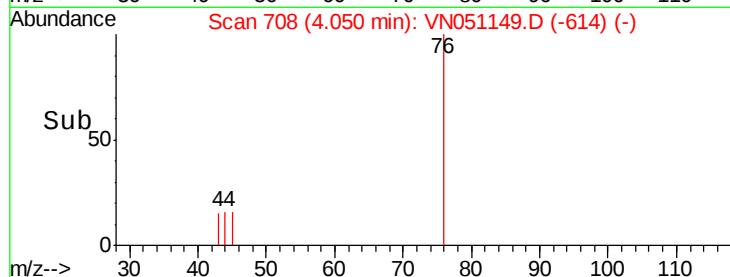
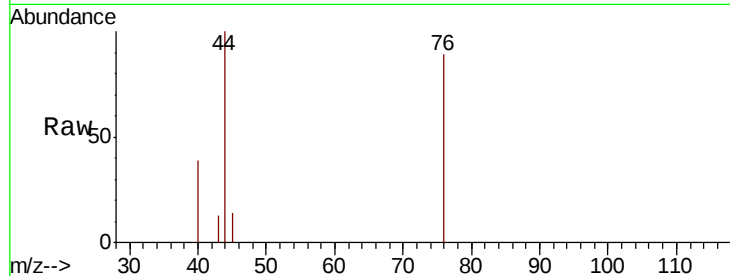




#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

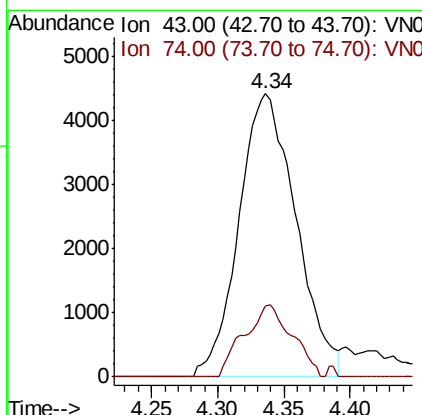
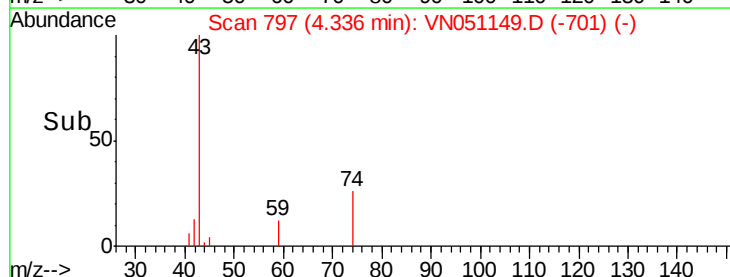
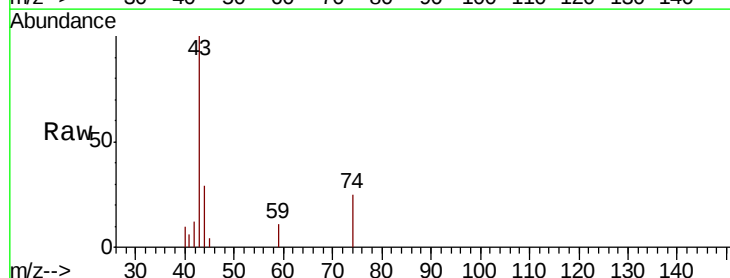
Instrument :
MSVOA_N
ClientSampled :
TR-04-091118

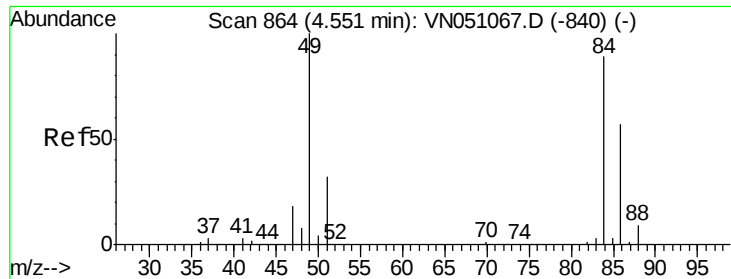
Tot Ion: 76 Resp: 2572
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 2.39 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Tgt Ion: 43 Resp: 13247
Ion Ratio Lower Upper
43 100
74 21.4 20.7 31.1





#20

Methvlene Chloride

Concen: 4.36 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

TR-04-091118

Tot Ion: 84 Resp: 33347

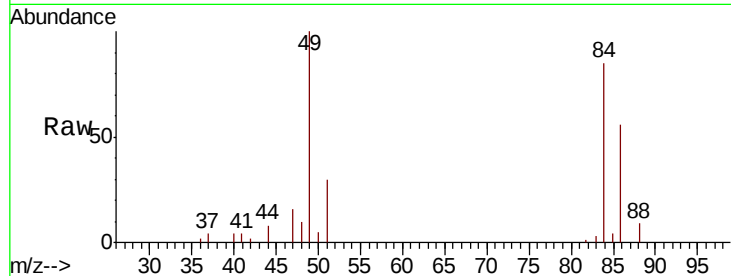
Ion Ratio Lower Upper

84 100

49 118.1 90.2 135.2

51 35.9 28.4 42.6

86 65.8 51.8 77.8

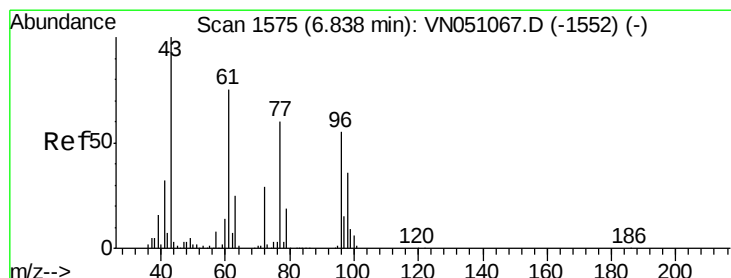
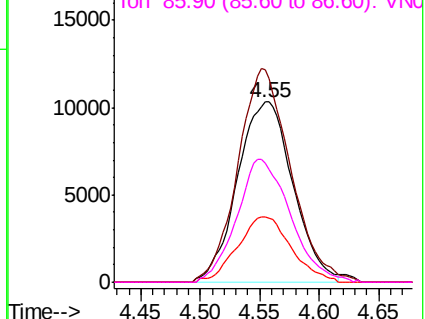
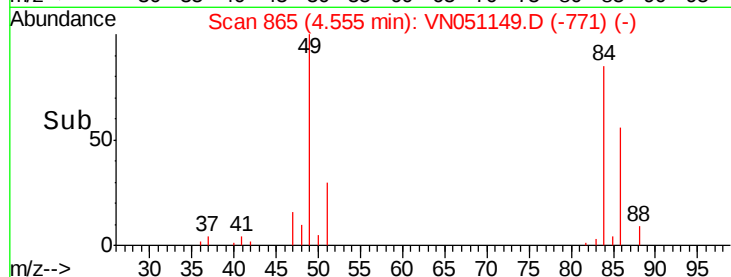


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.92 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051149.D

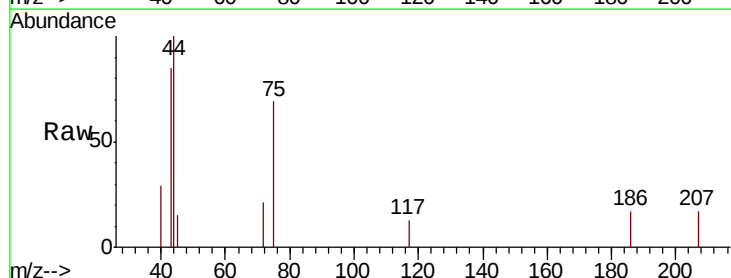
Acq: 12 Sep 2018 13:46

Tgt Ion: 43 Resp: 2507

Ion Ratio Lower Upper

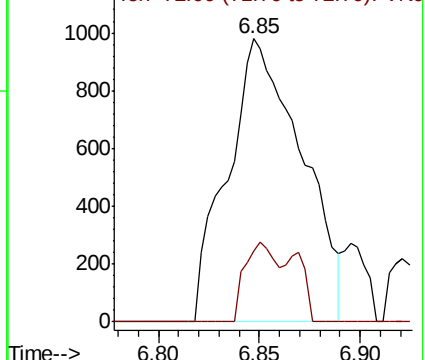
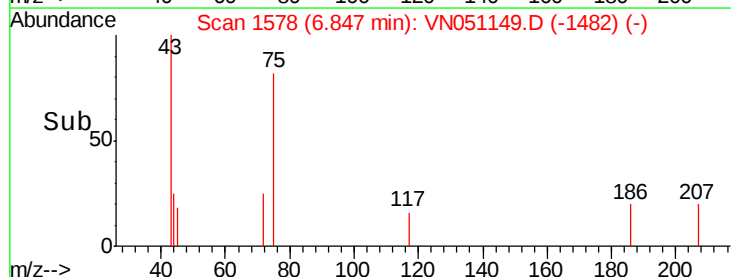
43 100

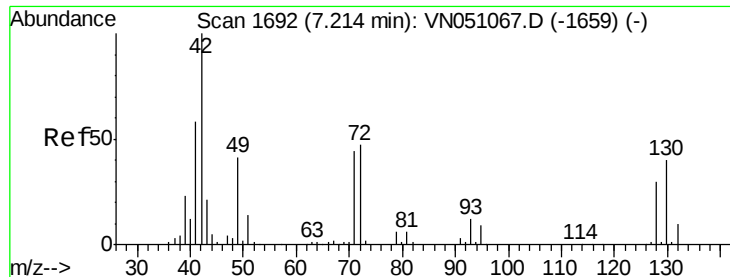
72 25.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampled :

TR-04-091118

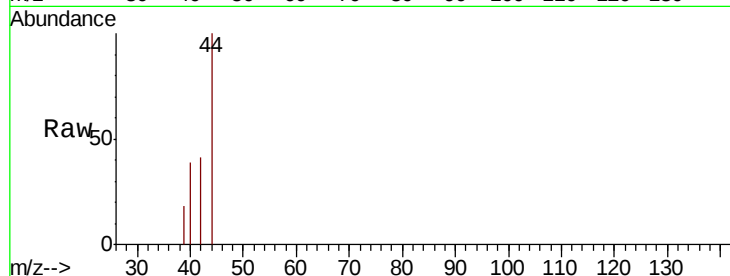
Tot Ion: 42 Resp: 675

Ion Ratio Lower Upper

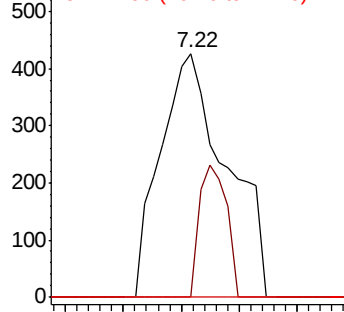
42 100

72 22.5 37.4 56.0#

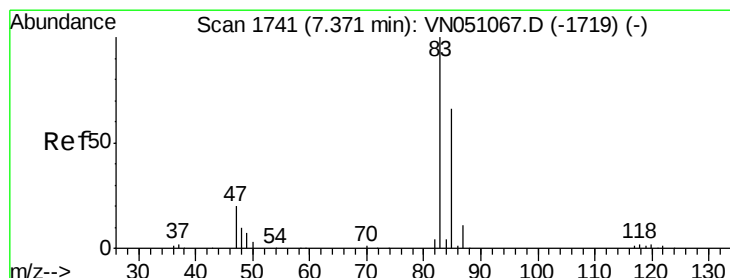
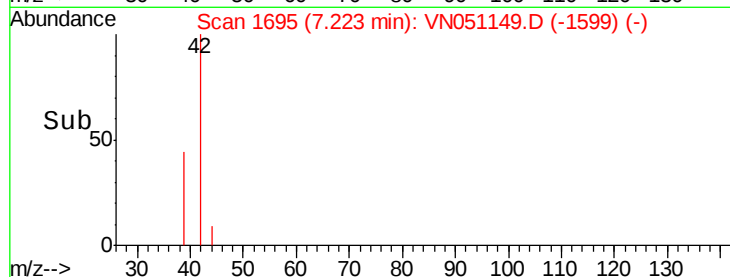
71 0.0 34.7 52.1#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



Time--> 7.18 7.20 7.22 7.24 7.26



#30

Chloroform

Concen: 0.28 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051149.D

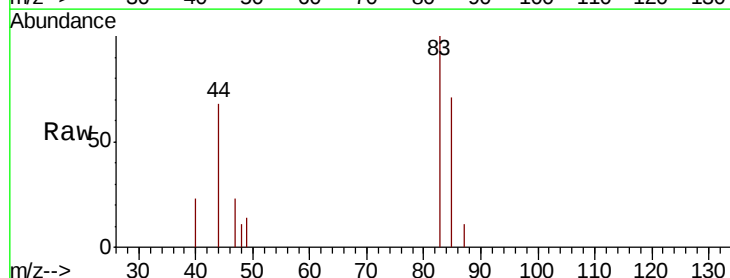
Acq: 12 Sep 2018 13:46

Tgt Ion: 83 Resp: 3518

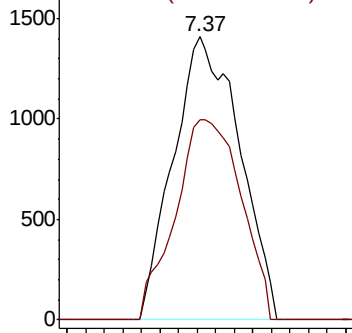
Ion Ratio Lower Upper

83 100

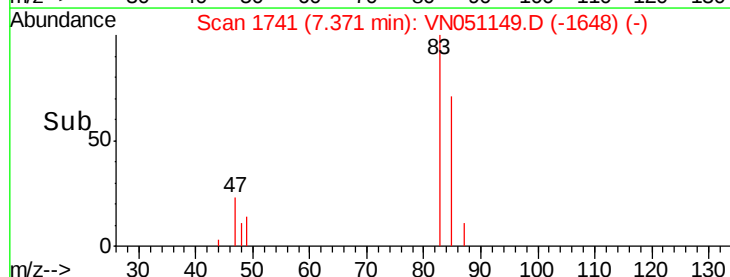
85 70.7 52.6 79.0

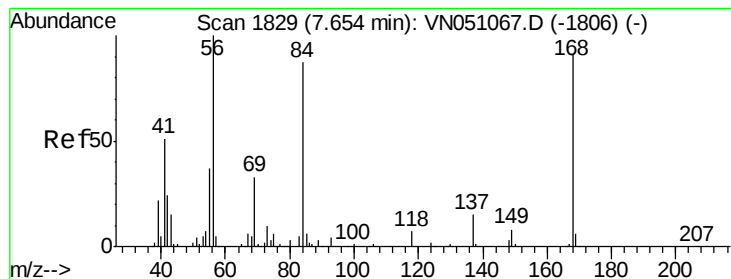


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO



Time--> 7.30 7.35 7.40





#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

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ClientSampled :

TR-04-091118

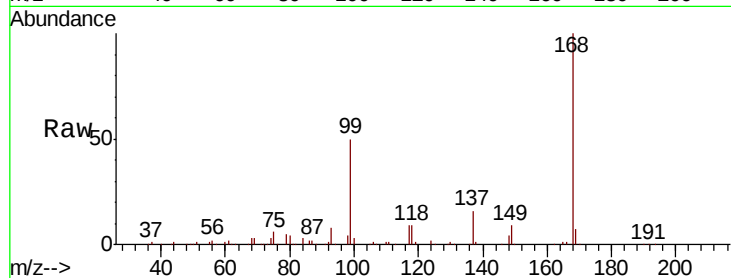
Tot Ion: 56 Resp: 9802

Ion Ratio Lower Upper

56 100

69 206.7 26.3 39.5#

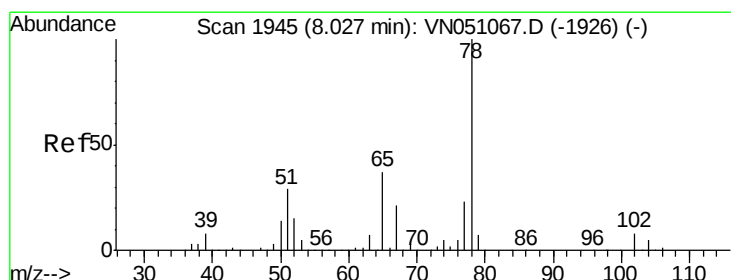
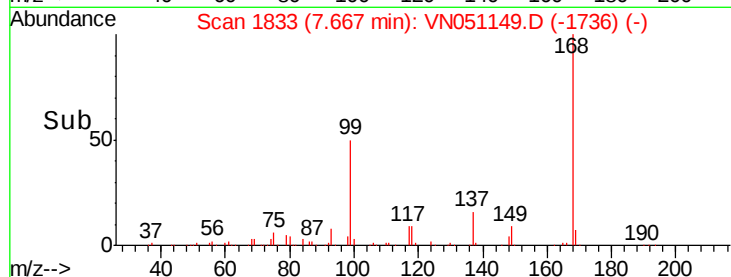
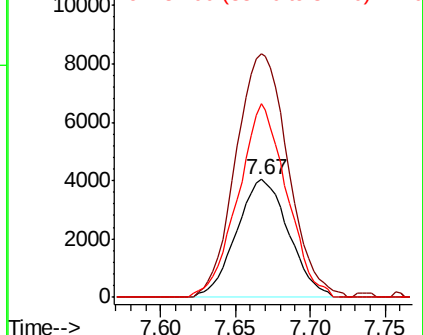
84 164.4 69.4 104.0#



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: 57.15 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051149.D

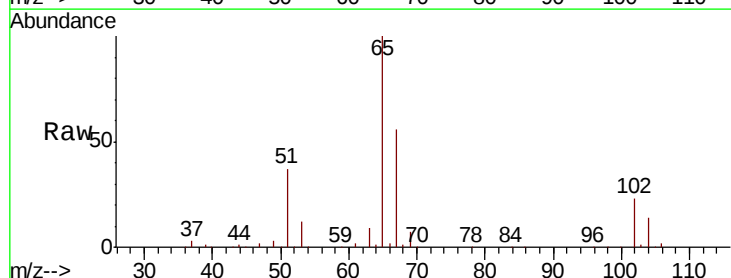
Acq: 12 Sep 2018 13:46

Tgt Ion: 65 Resp: 396123

Ion Ratio Lower Upper

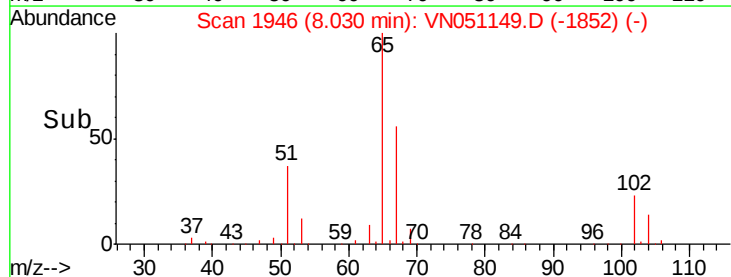
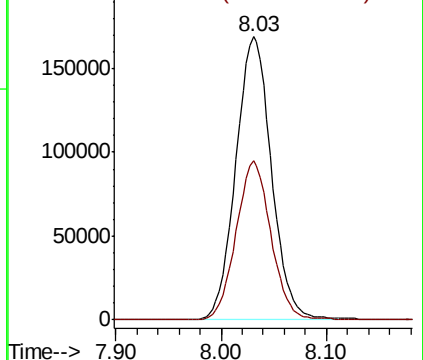
65 100

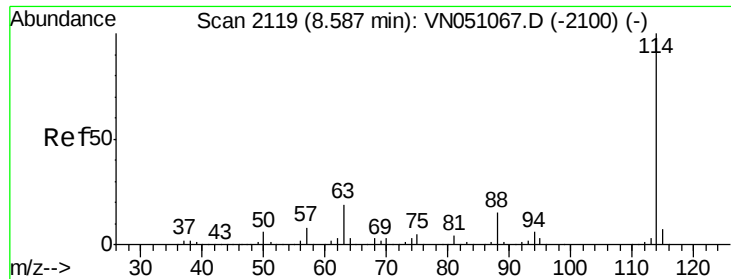
67 55.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

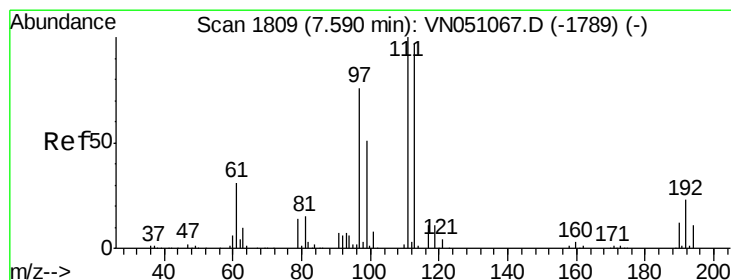
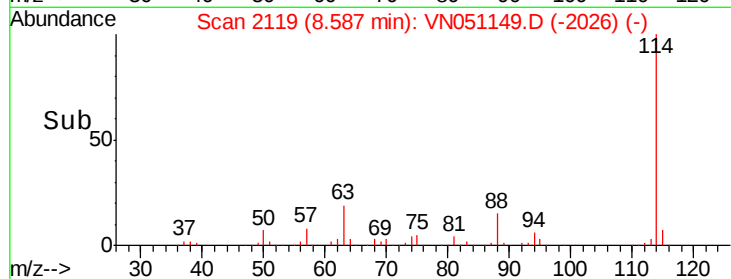
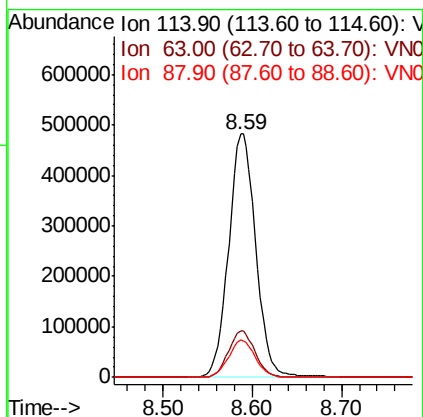
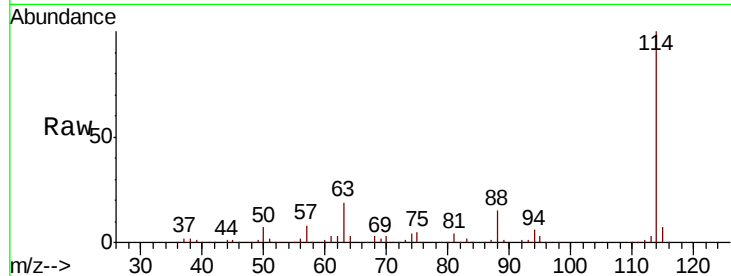




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051149.D
 Acq: 12 Sep 2018 13:46

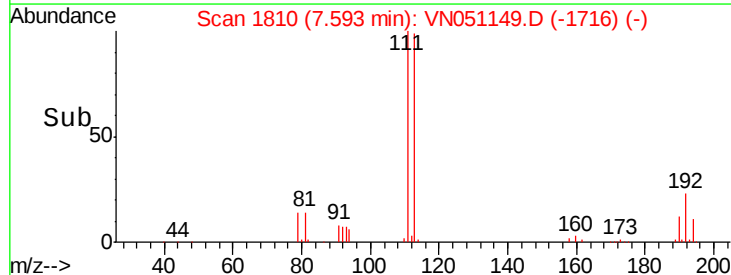
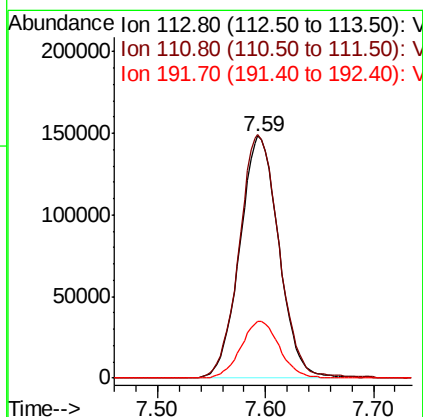
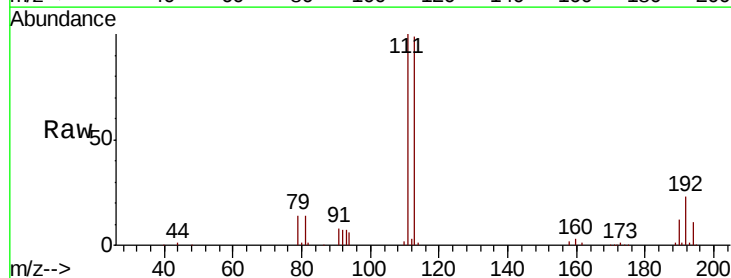
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-091118

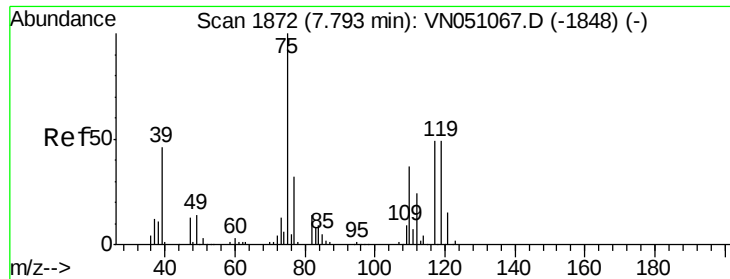
Tot Ion:114 Resp: 1014700
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.3 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 48.86 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051149.D
 Acq: 12 Sep 2018 13:46

Tgt Ion:113 Resp: 372549
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 23.2 18.7 28.1





#36

1,1-Dichloropropene

Concen: 3.69 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

TR-04-091118

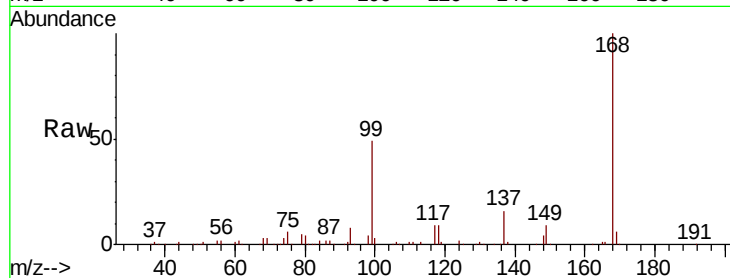
Tot Ion: 75 Resp: 41061

Ion Ratio Lower Upper

75 100

110 8.3 18.6 55.8#

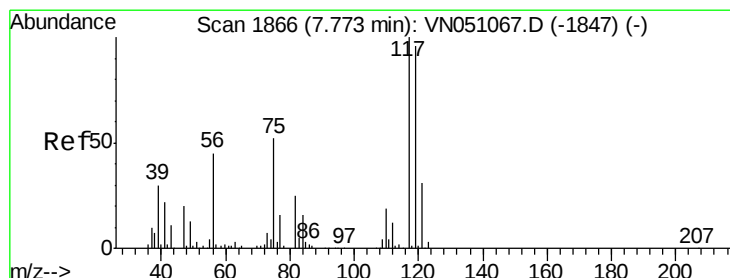
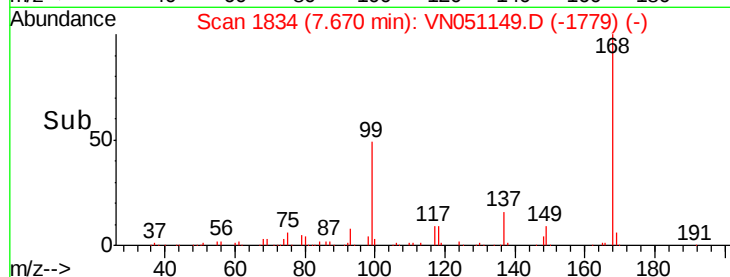
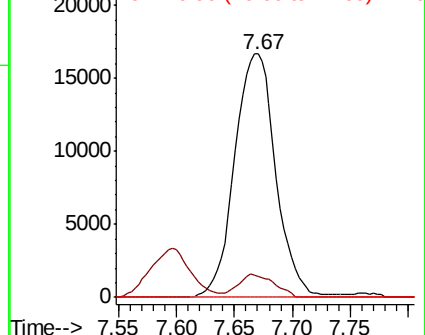
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN051149.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051149.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051149.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 4.96 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

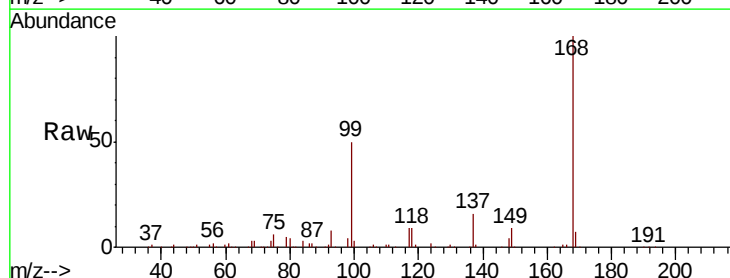
Tgt Ion: 117 Resp: 54368

Ion Ratio Lower Upper

117 100

119 6.7 76.8 115.2#

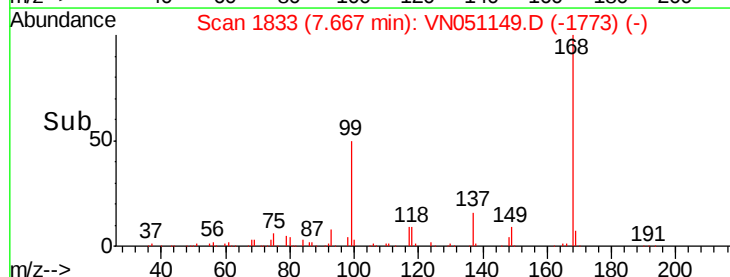
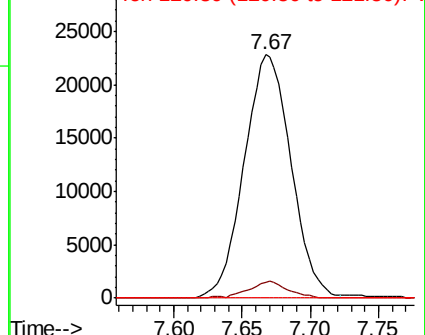
121 0.0 24.6 36.8#

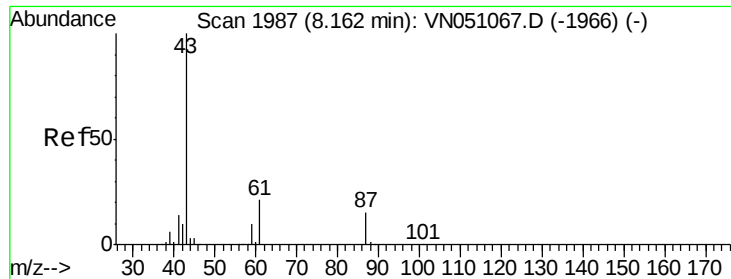


Abundance Ion 116.80 (116.50 to 117.50): VN051149.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN051149.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN051149.D (-1773) (-)



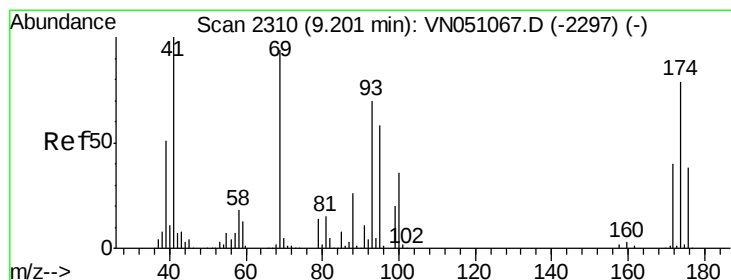
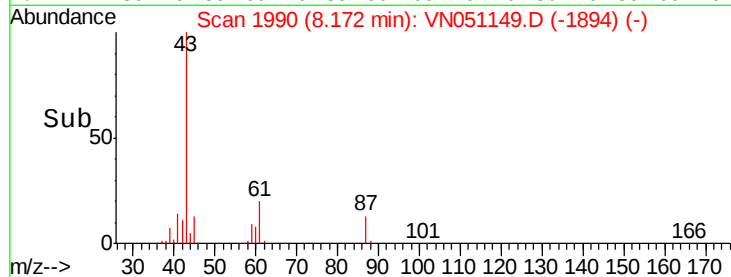
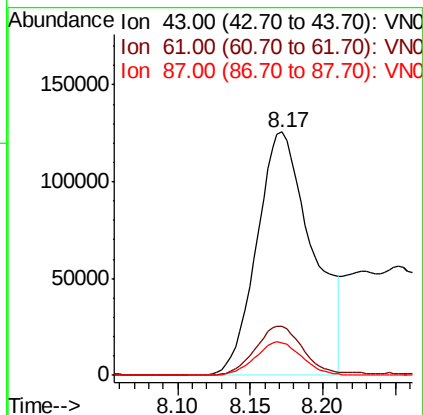
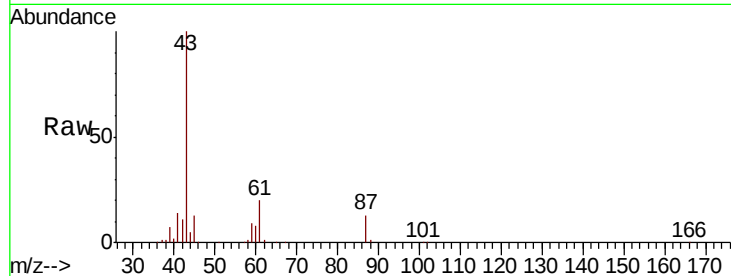


#43

Isopropyl Acetate
 Concen: 29.43 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN051149.D
 Acq: 12 Sep 2018 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-091118

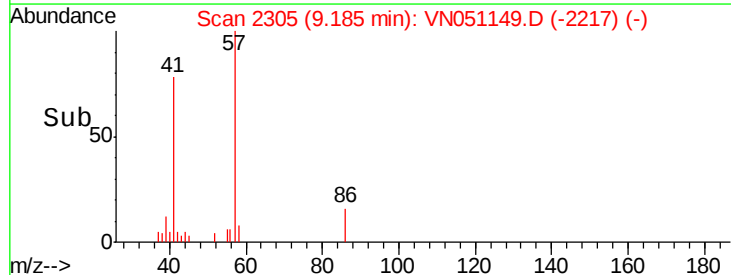
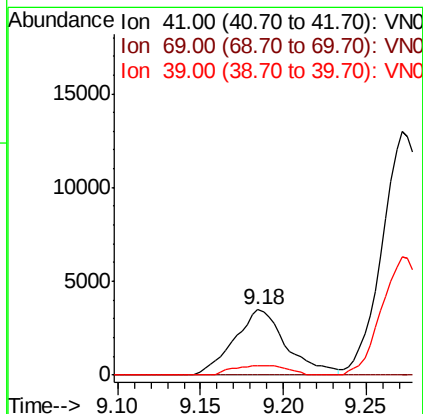
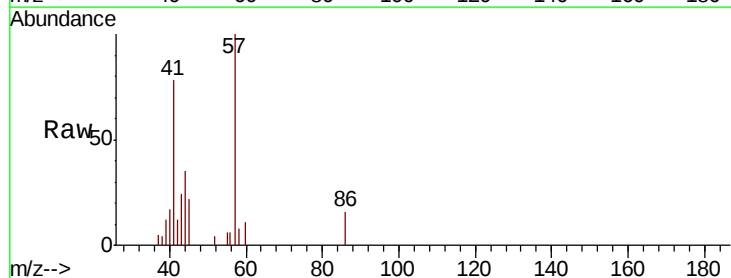
Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	25.0	37.6#
87	11.6	11.8	17.8#

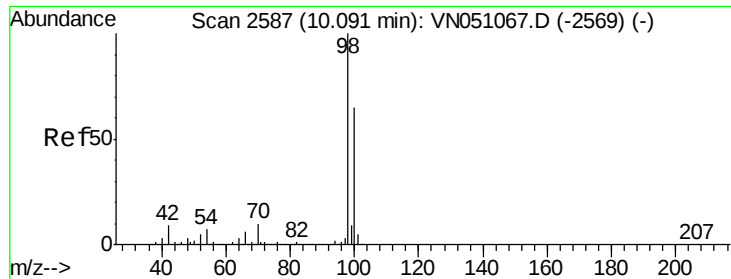


#48

Methyl methacrylate
 Concen: 1.38 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: VN051149.D
 Acq: 12 Sep 2018 13:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.7	116.5#
39	15.3	41.6	62.4#





#50

Toluene-d8

Concen: 47.61 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

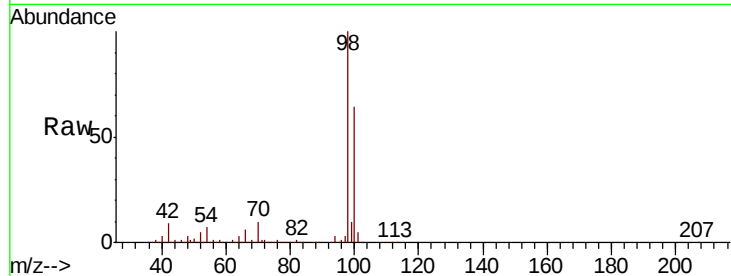
TR-04-091118

Tot Ion: 98 Resp: 1377409

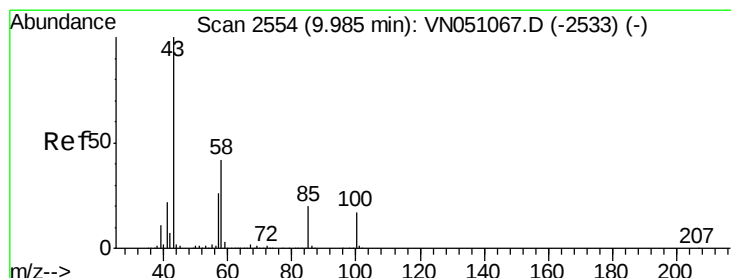
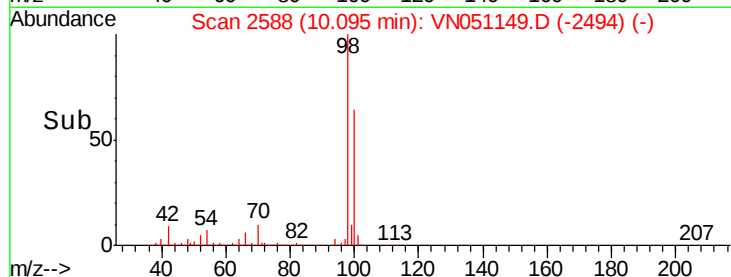
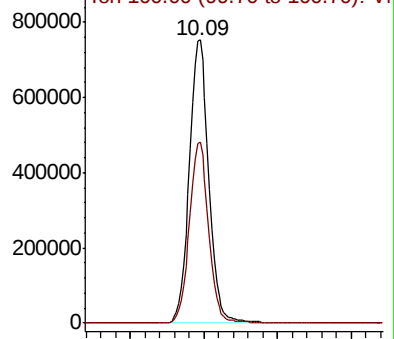
Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.37 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN051149.D

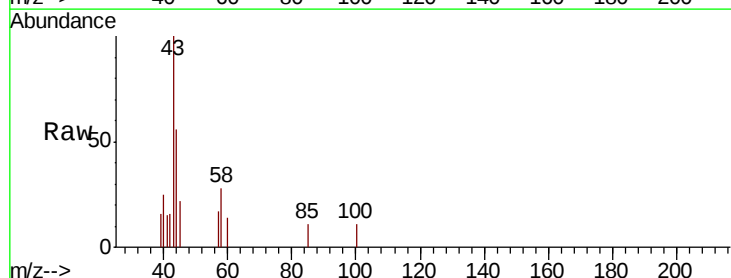
Acq: 12 Sep 2018 13:46

Tgt Ion: 43 Resp: 2344

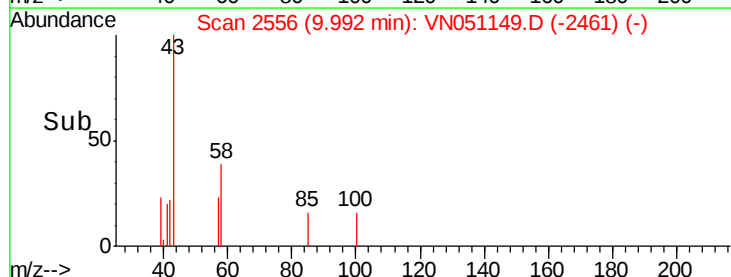
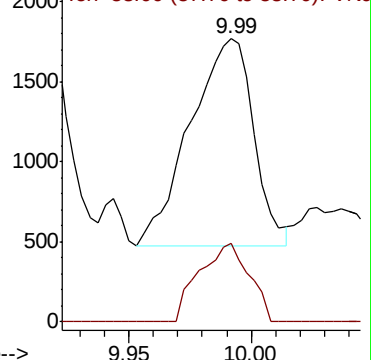
Ion Ratio Lower Upper

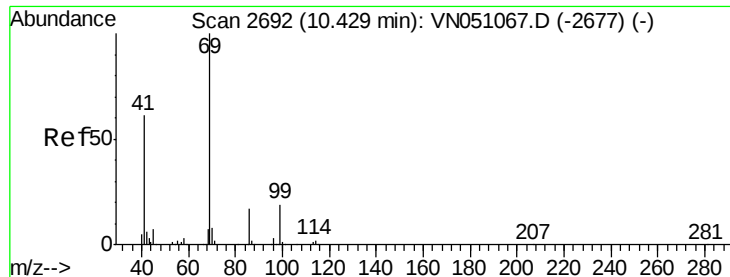
43 100

58 29.8 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)





#56

Ethyl methacrylate

Concen: 2.66 ug/l

RT: 10.23 min Scan# 2629

Delta R.T. -0.20 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampled :

TR-04-091118

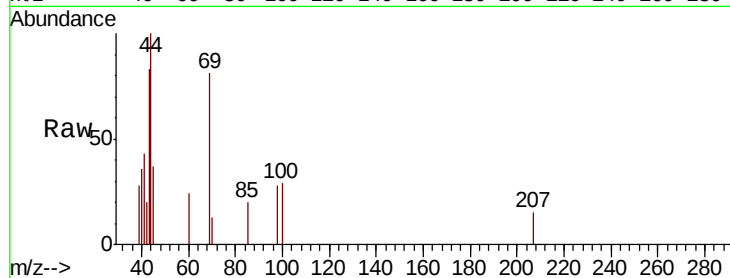
Tot Ion: 69 Resp: 2207

Ion Ratio Lower Upper

69 100

41 23.3 47.8 71.8#

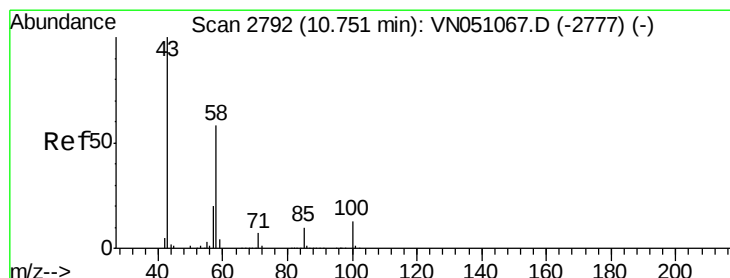
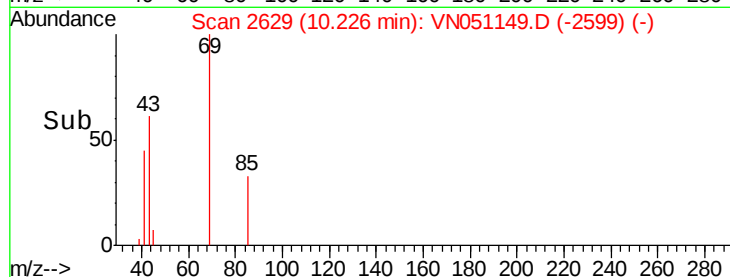
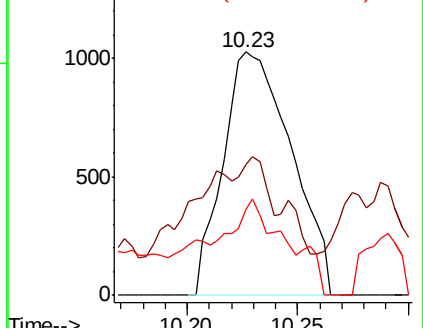
39 9.1 23.0 34.4#



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: 3.82 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN051149.D

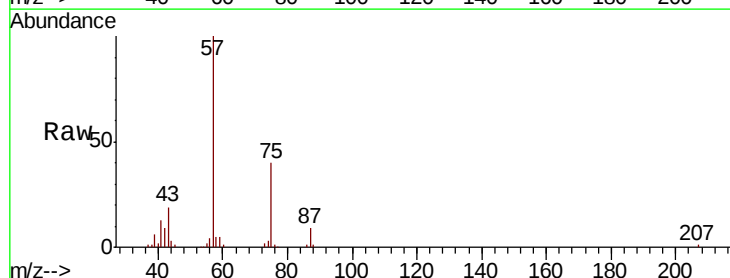
Acq: 12 Sep 2018 13:46

Tgt Ion: 43 Resp: 16294

Ion Ratio Lower Upper

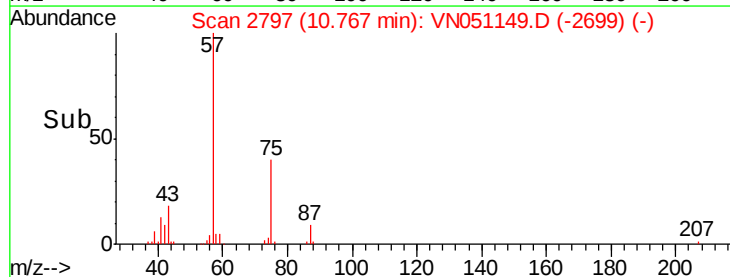
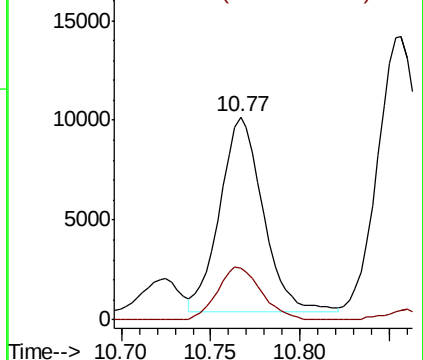
43 100

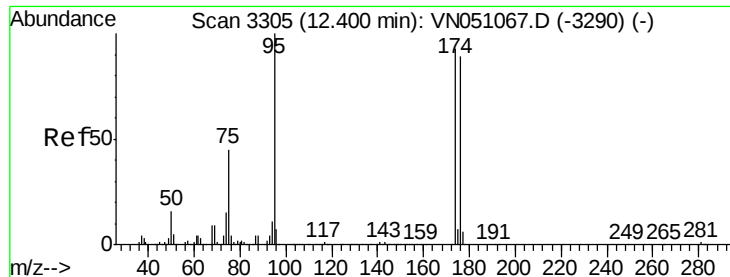
58 27.8 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.91 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

TR-04-091118

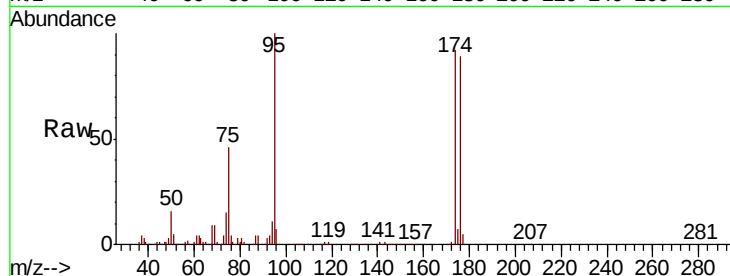
Tot Ion: 95 Resp: 381929

Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.8

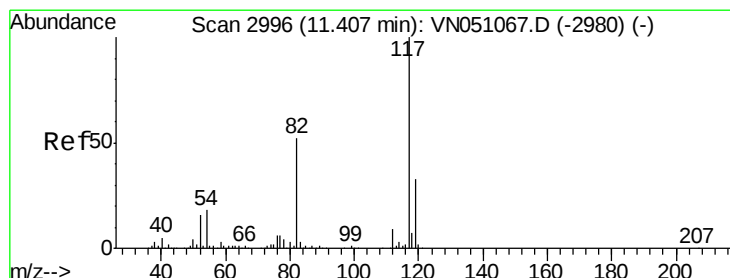
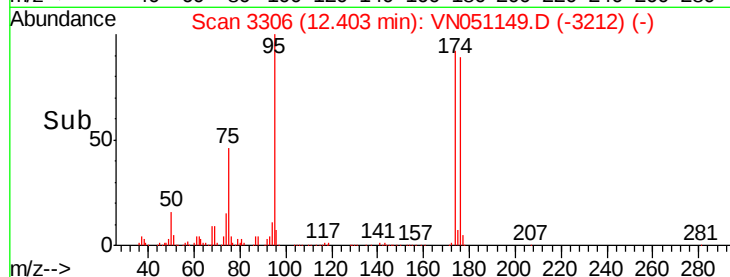
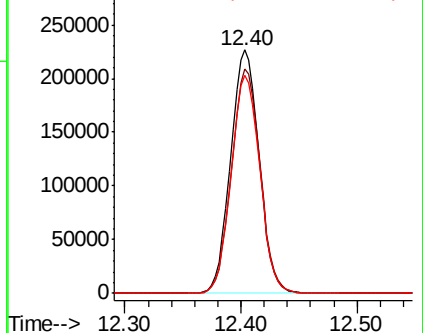
176 90.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

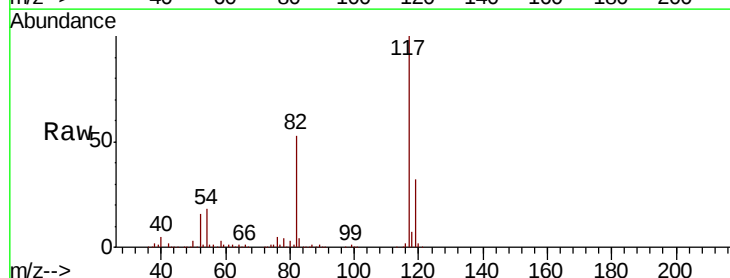
Tgt Ion: 117 Resp: 868273

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

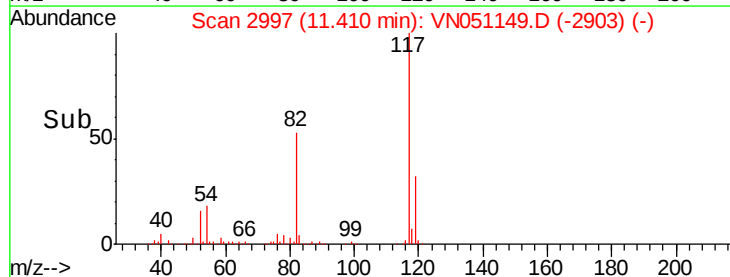
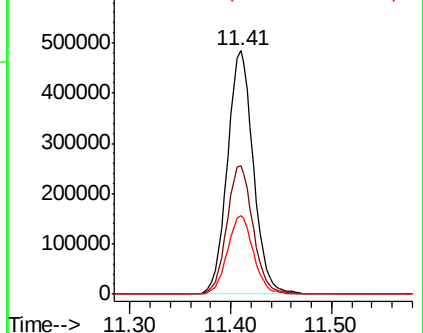
119 32.5 26.2 39.2

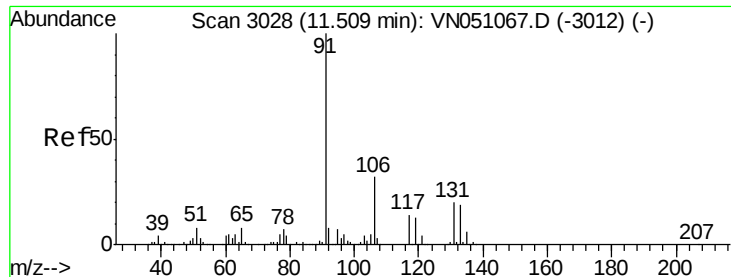


Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051067.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051067.D (-2980) (-)

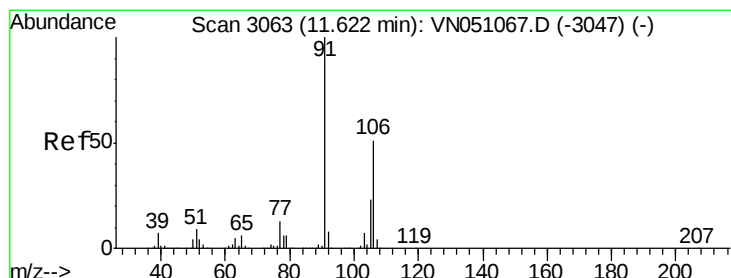
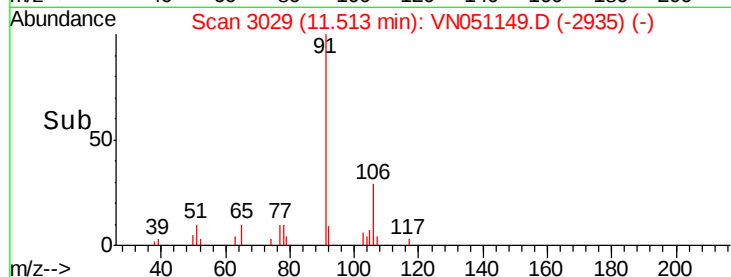
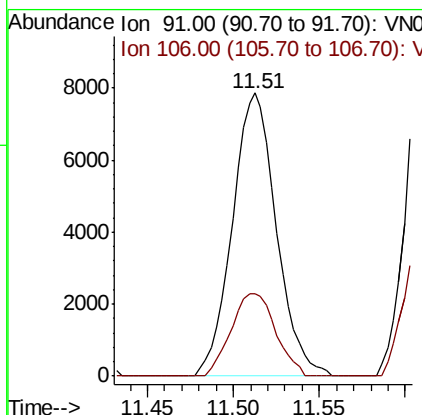
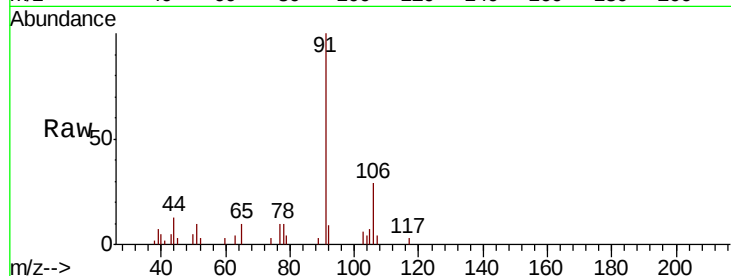




#67
Ethyl Benzene
Concen: 0.39 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

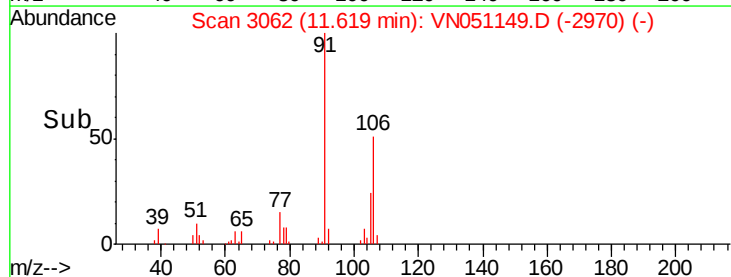
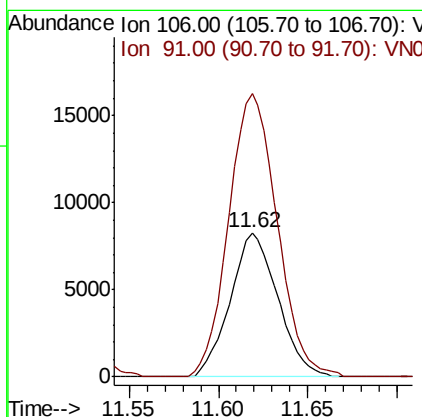
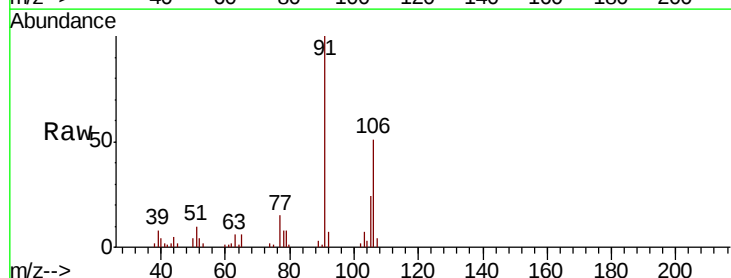
Instrument :
MSVOA_N
ClientSampled :
TR-04-091118

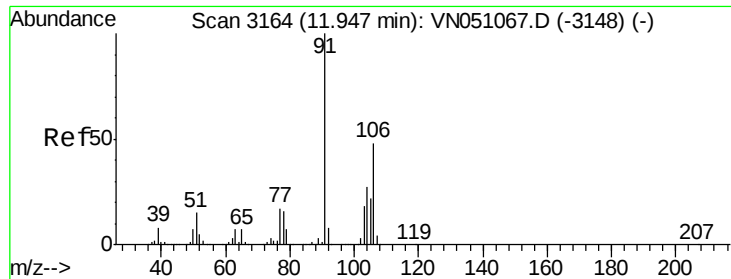
Tot Ion: 91 Resp: 13932
Ion Ratio Lower Upper
91 100
106 29.3 25.4 38.2



#68
m/p-Xylenes
Concen: 1.13 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Tgt Ion: 106 Resp: 15378
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.6

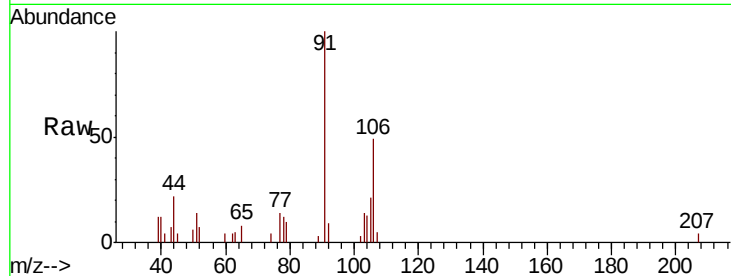




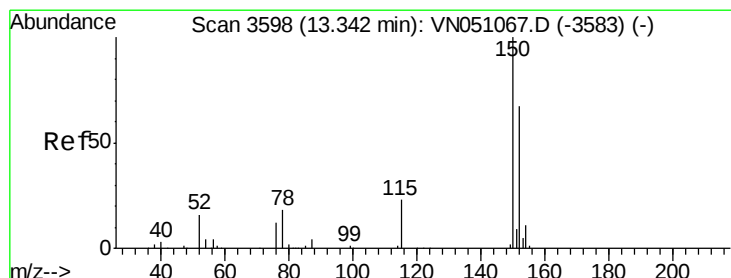
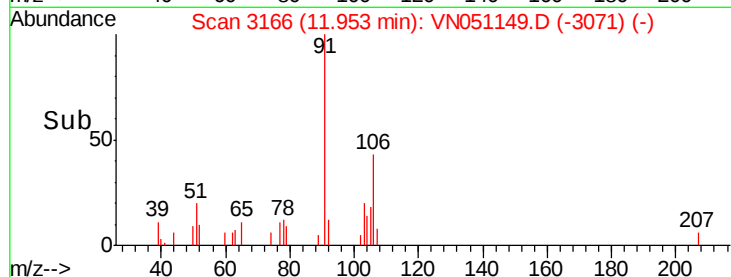
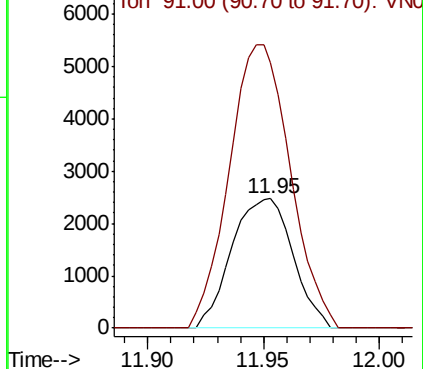
#69
o-Xylene
Concen: 0.34 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Instrument :
MSVOA_N
ClientSampled :
TR-04-091118

Tot Ion:106 Resp: 4533
Ion Ratio Lower Upper
106 100
91 218.1 105.1 315.1

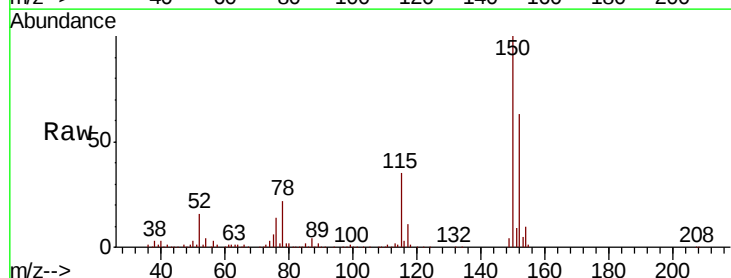


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

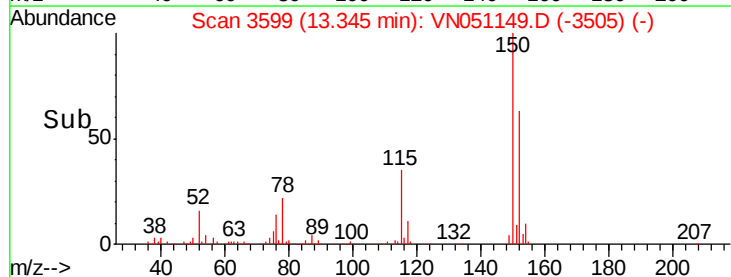
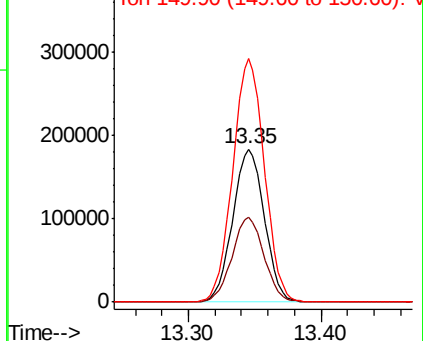


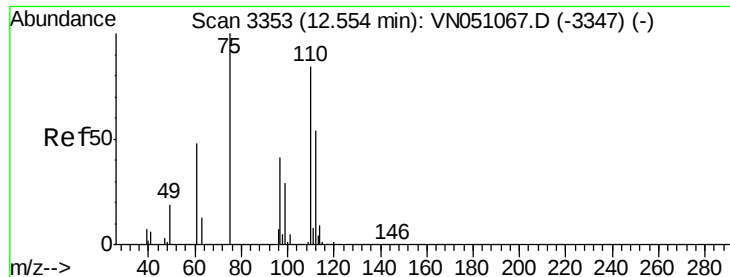
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Tgt Ion:152 Resp: 303763
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 159.3 0.0 349.0



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: 37.00 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampled :

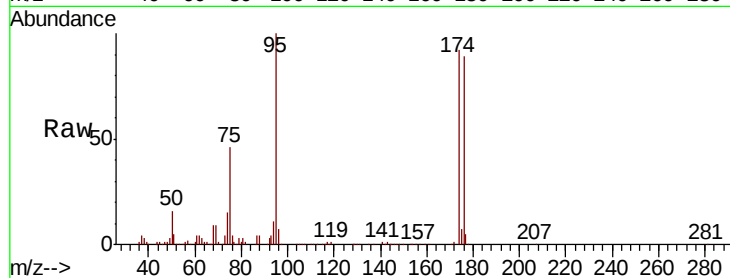
TR-04-091118

Tot Ion: 75 Resp: 176080

Ion Ratio Lower Upper

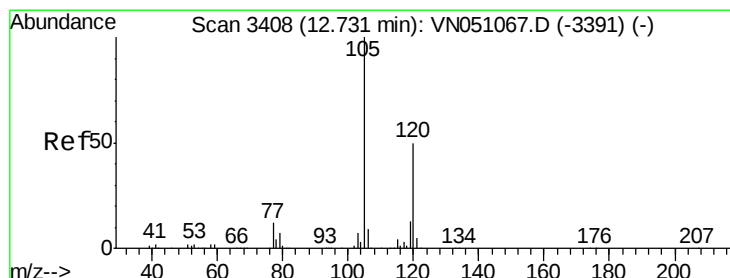
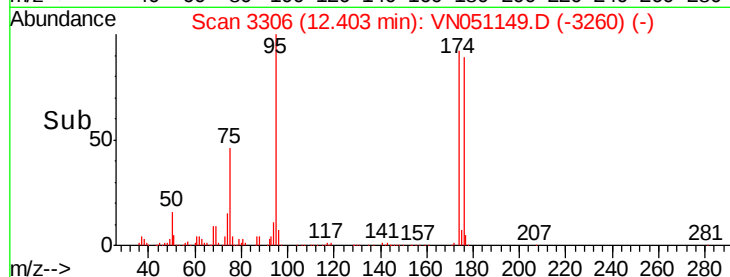
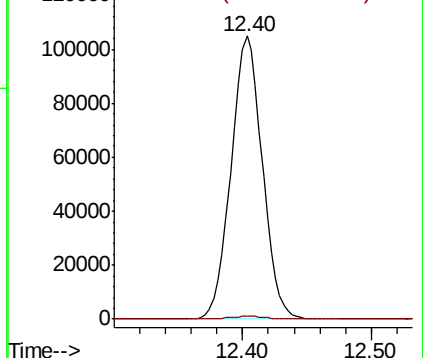
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051067.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN051067.D (-3347) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.37 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051149.D

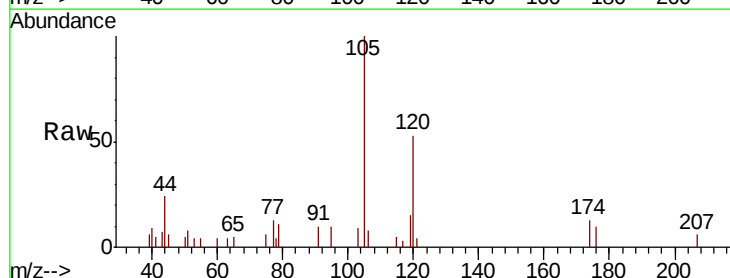
Acq: 12 Sep 2018 13:46

Tgt Ion: 105 Resp: 7634

Ion Ratio Lower Upper

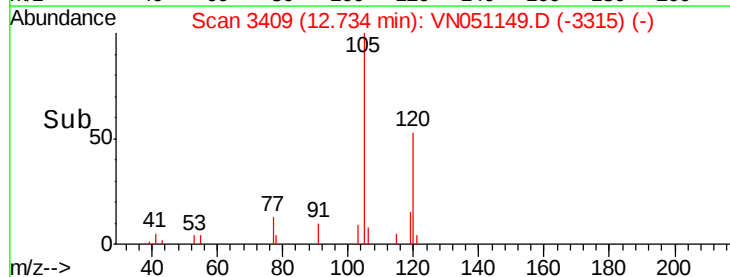
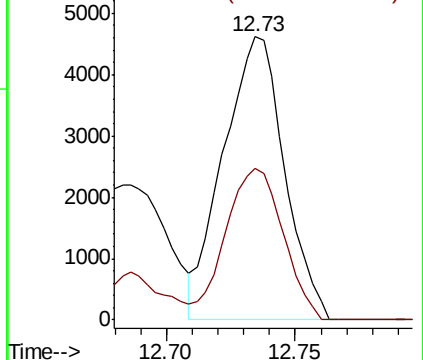
105 100

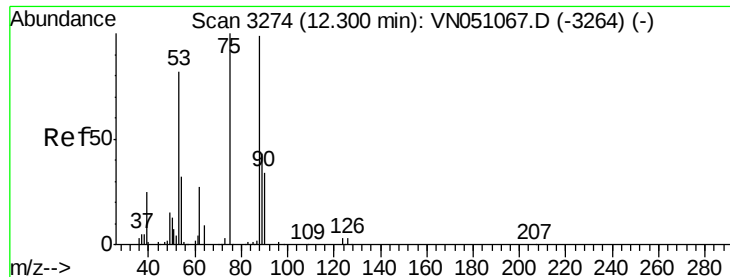
120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 110.09 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampled :

TR-04-091118

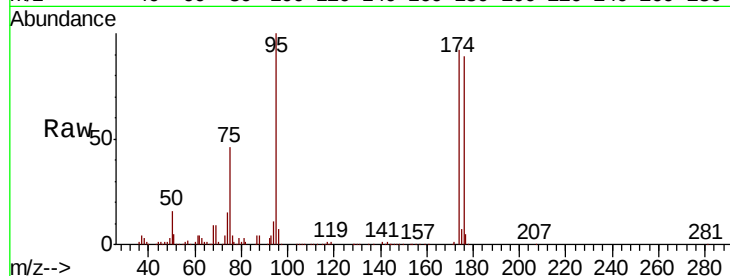
Tot Ion: 75 Resp: 176080

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

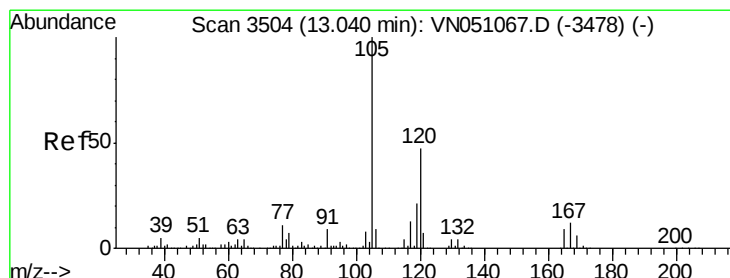
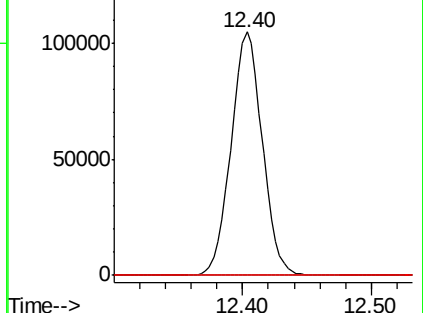
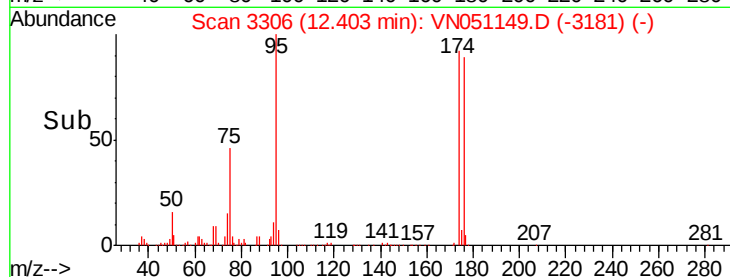
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051149.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051149.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051149.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.91 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051149.D

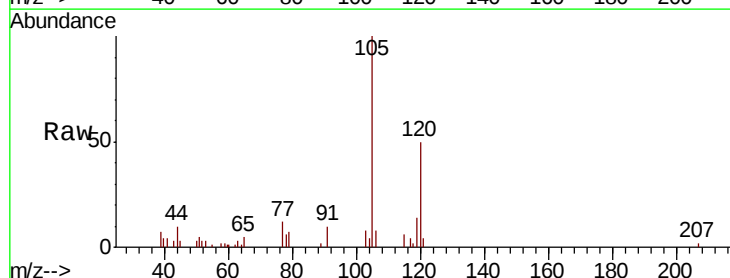
Acq: 12 Sep 2018 13:46

Tgt Ion:105 Resp: 18458

Ion Ratio Lower Upper

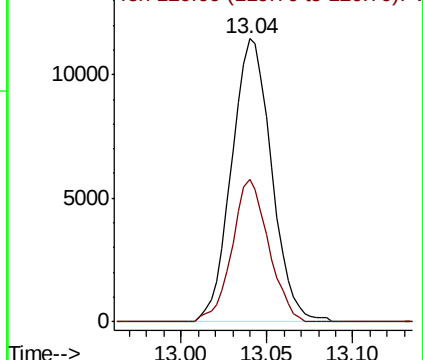
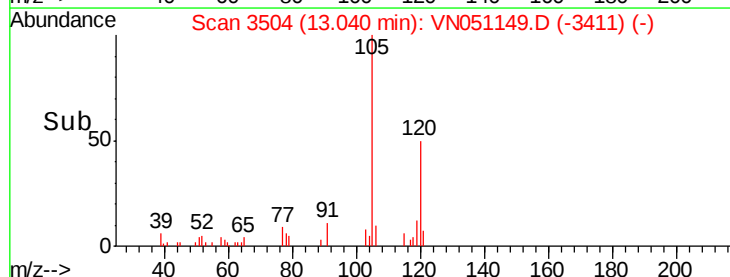
105 100

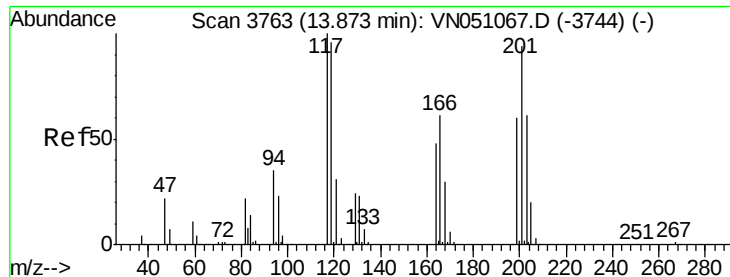
120 46.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN051149.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN051149.D (-3411) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

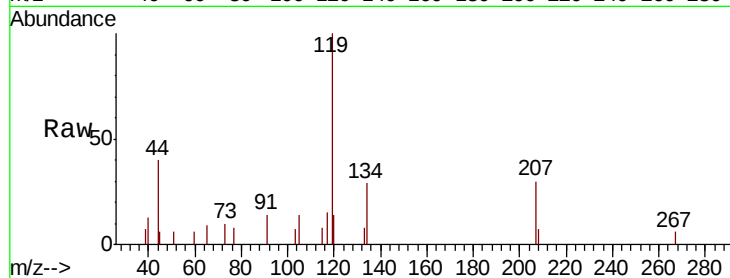
TR-04-091118

Tot Ion:117 Resp: 523

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

400

300

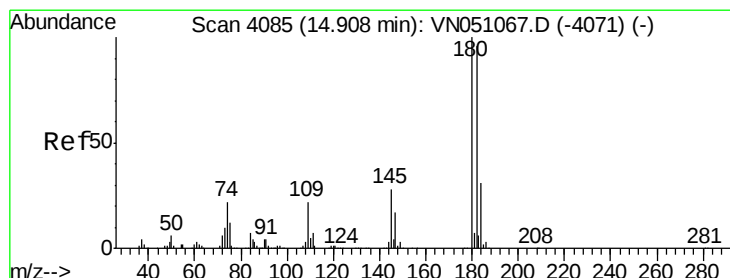
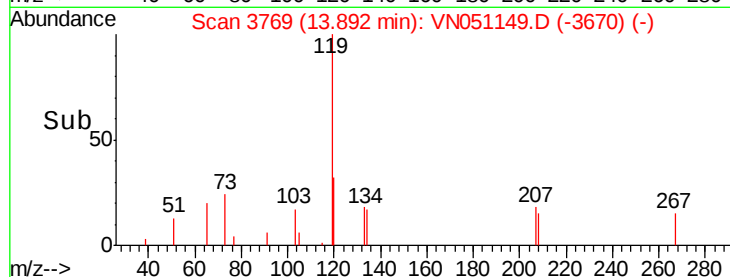
200

100

0

Time-->

13.86 13.88 13.90



#93

1,2,4-Trichlorobenzene

Concen: 4.02 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

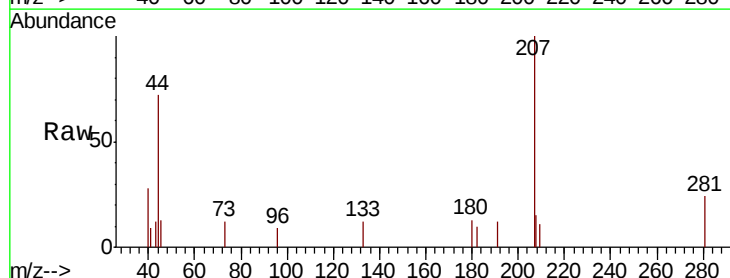
Tgt Ion:180 Resp: 240

Ion Ratio Lower Upper

180 100

182 68.3 47.3 141.8

145 0.0 14.2 42.6#



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

14.91

300

250

200

150

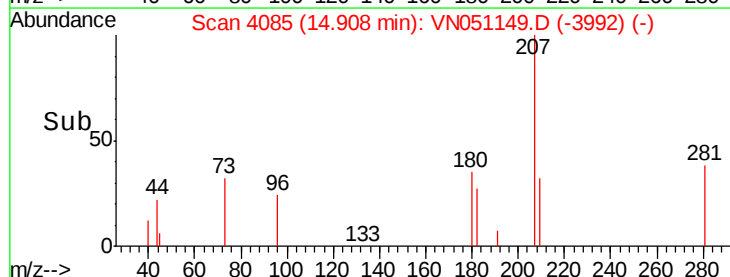
100

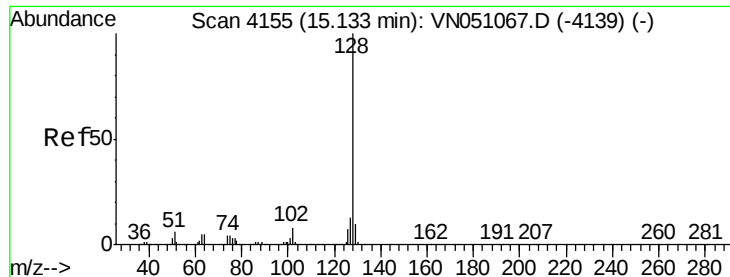
50

0

Time-->

14.90 14.92





#95

Naphthalene

Concen: 6.88 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

TR-04-091118

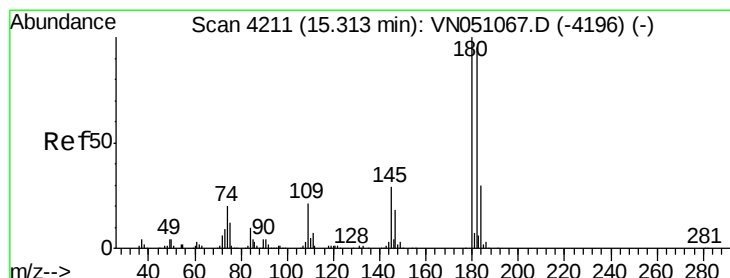
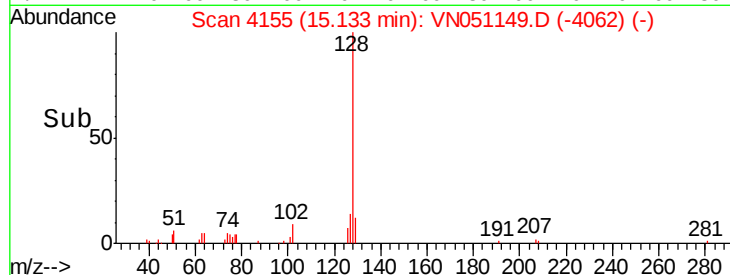
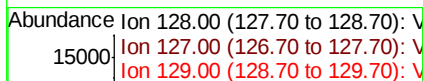
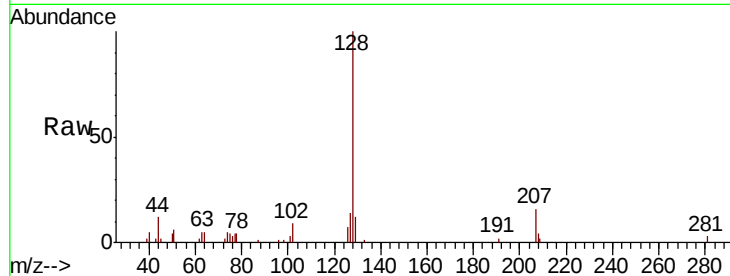
Tot Ion:128 Resp: 19628

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 11.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 2.95 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Tgt Ion:180 Resp: 32

Ion Ratio Lower Upper

180 100

182 212.5 47.8 143.3#

145 309.4 14.6 43.8#

